

n41	30	70	506202	1@1	CP_64QAM	19.60	91.20	2000	PASS
n41	30	70	506202	1@187	CP_64QAM	19.84	96.38	2000	PASS
n41	30	70	506202	189@0	CP_256QAM	17.08	51.05	2000	PASS
n41	30	70	506202	95@47	CP_256QAM	17.17	52.12	2000	PASS
n41	30	70	506202	1@1	CP_256QAM	16.85	48.42	2000	PASS
n41	30	70	506202	1@187	CP_256QAM	17.03	50.47	2000	PASS
n41	30	70	518598	180@0	DFT_BPSK	23.06	202.30	2000	PASS
n41	30	70	518598	90@45	DFT_BPSK	23.66	232.27	2000	PASS
n41	30	70	518598	1@1	DFT_BPSK	22.88	194.09	2000	PASS
n41	30	70	518598	1@187	DFT_BPSK	23.30	213.80	2000	PASS
n41	30	70	518598	180@0	DFT_QPSK	22.75	188.36	2000	PASS
n41	30	70	518598	90@45	DFT_QPSK	23.65	231.74	2000	PASS
n41	30	70	518598	1@1	DFT_QPSK	23.01	199.99	2000	PASS
n41	30	70	518598	1@187	DFT_QPSK	23.41	219.28	2000	PASS
n41	30	70	518598	180@0	DFT_16QAM	21.80	151.36	2000	PASS
n41	30	70	518598	90@45	DFT_16QAM	22.85	192.75	2000	PASS
n41	30	70	518598	1@1	DFT_16QAM	22.22	166.72	2000	PASS
n41	30	70	518598	1@187	DFT_16QAM	22.64	183.65	2000	PASS
n41	30	70	518598	180@0	DFT_64QAM	21.25	133.35	2000	PASS
n41	30	70	518598	90@45	DFT_64QAM	21.32	135.52	2000	PASS
n41	30	70	518598	1@1	DFT_64QAM	20.47	111.43	2000	PASS
n41	30	70	518598	1@187	DFT_64QAM	20.91	123.31	2000	PASS
n41	30	70	518598	180@0	DFT_256QAM	19.26	84.33	2000	PASS
n41	30	70	518598	90@45	DFT_256QAM	19.31	85.31	2000	PASS
n41	30	70	518598	1@1	DFT_256QAM	18.90	77.62	2000	PASS
n41	30	70	518598	1@187	DFT_256QAM	19.33	85.70	2000	PASS
n41	30	70	518598	189@0	CP_QPSK	20.73	118.30	2000	PASS
n41	30	70	518598	95@47	CP_QPSK	22.29	169.43	2000	PASS
n41	30	70	518598	1@1	CP_QPSK	21.82	152.05	2000	PASS
n41	30	70	518598	1@187	CP_QPSK	22.19	165.58	2000	PASS
n41	30	70	518598	189@0	CP_16QAM	20.71	117.76	2000	PASS
n41	30	70	518598	95@47	CP_16QAM	21.84	152.76	2000	PASS
n41	30	70	518598	1@1	CP_16QAM	21.39	137.72	2000	PASS
n41	30	70	518598	1@187	CP_16QAM	21.76	149.97	2000	PASS
n41	30	70	518598	189@0	CP_64QAM	20.23	105.44	2000	PASS
n41	30	70	518598	95@47	CP_64QAM	20.28	106.66	2000	PASS
n41	30	70	518598	1@1	CP_64QAM	19.76	94.62	2000	PASS
n41	30	70	518598	1@187	CP_64QAM	20.14	103.28	2000	PASS
n41	30	70	518598	189@0	CP_256QAM	17.14	51.76	2000	PASS
n41	30	70	518598	95@47	CP_256QAM	17.24	52.97	2000	PASS
n41	30	70	518598	1@1	CP_256QAM	16.92	49.20	2000	PASS
n41	30	70	518598	1@187	CP_256QAM	17.35	54.33	2000	PASS
n41	30	70	531000	180@0	DFT_BPSK	23.05	201.84	2000	PASS
n41	30	70	531000	90@45	DFT_BPSK	23.58	228.03	2000	PASS

n41	30	70	531000	1@1	DFT_BPSK	22.82	191.43	2000	PASS
n41	30	70	531000	1@187	DFT_BPSK	23.18	207.97	2000	PASS
n41	30	70	531000	180@0	DFT_QPSK	22.74	187.93	2000	PASS
n41	30	70	531000	90@45	DFT_QPSK	23.67	232.81	2000	PASS
n41	30	70	531000	1@1	DFT_QPSK	22.81	190.99	2000	PASS
n41	30	70	531000	1@187	DFT_QPSK	23.18	207.97	2000	PASS
n41	30	70	531000	180@0	DFT_16QAM	21.76	149.97	2000	PASS
n41	30	70	531000	90@45	DFT_16QAM	22.82	191.43	2000	PASS
n41	30	70	531000	1@1	DFT_16QAM	22.17	164.82	2000	PASS
n41	30	70	531000	1@187	DFT_16QAM	22.54	179.47	2000	PASS
n41	30	70	531000	180@0	DFT_64QAM	21.26	133.66	2000	PASS
n41	30	70	531000	90@45	DFT_64QAM	21.29	134.59	2000	PASS
n41	30	70	531000	1@1	DFT_64QAM	20.51	112.46	2000	PASS
n41	30	70	531000	1@187	DFT_64QAM	20.92	123.59	2000	PASS
n41	30	70	531000	180@0	DFT_256QAM	19.26	84.33	2000	PASS
n41	30	70	531000	90@45	DFT_256QAM	19.27	84.53	2000	PASS
n41	30	70	531000	1@1	DFT_256QAM	18.87	77.09	2000	PASS
n41	30	70	531000	1@187	DFT_256QAM	19.24	83.95	2000	PASS
n41	30	70	531000	189@0	CP_QPSK	20.68	116.95	2000	PASS
n41	30	70	531000	95@47	CP_QPSK	22.24	167.49	2000	PASS
n41	30	70	531000	1@1	CP_QPSK	21.69	147.57	2000	PASS
n41	30	70	531000	1@187	CP_QPSK	22.13	163.31	2000	PASS
n41	30	70	531000	189@0	CP_16QAM	20.69	117.22	2000	PASS
n41	30	70	531000	95@47	CP_16QAM	21.79	151.01	2000	PASS
n41	30	70	531000	1@1	CP_16QAM	21.27	133.97	2000	PASS
n41	30	70	531000	1@187	CP_16QAM	21.69	147.57	2000	PASS
n41	30	70	531000	189@0	CP_64QAM	20.22	105.20	2000	PASS
n41	30	70	531000	95@47	CP_64QAM	20.24	105.68	2000	PASS
n41	30	70	531000	1@1	CP_64QAM	19.57	90.57	2000	PASS
n41	30	70	531000	1@187	CP_64QAM	19.91	97.95	2000	PASS
n41	30	70	531000	189@0	CP_256QAM	17.13	51.64	2000	PASS
n41	30	70	531000	95@47	CP_256QAM	17.27	53.33	2000	PASS
n41	30	70	531000	1@1	CP_256QAM	16.79	47.75	2000	PASS
n41	30	70	531000	1@187	CP_256QAM	17.29	53.58	2000	PASS
n41	30	80	507204	216@0	DFT_BPSK	22.87	193.64	2000	PASS
n41	30	80	507204	108@54	DFT_BPSK	23.60	229.09	2000	PASS
n41	30	80	507204	1@1	DFT_BPSK	22.75	188.36	2000	PASS
n41	30	80	507204	1@215	DFT_BPSK	22.94	196.79	2000	PASS
n41	30	80	507204	216@0	DFT_QPSK	22.61	182.39	2000	PASS
n41	30	80	507204	108@54	DFT_QPSK	23.62	230.14	2000	PASS
n41	30	80	507204	1@1	DFT_QPSK	22.87	193.64	2000	PASS
n41	30	80	507204	1@215	DFT_QPSK	23.08	203.24	2000	PASS
n41	30	80	507204	216@0	DFT_16QAM	21.63	145.55	2000	PASS
n41	30	80	507204	108@54	DFT_16QAM	22.82	191.43	2000	PASS

n41	30	80	507204	1@1	DFT_16QAM	22.08	161.44	2000	PASS
n41	30	80	507204	1@215	DFT_16QAM	22.29	169.43	2000	PASS
n41	30	80	507204	216@0	DFT_64QAM	21.13	129.72	2000	PASS
n41	30	80	507204	108@54	DFT_64QAM	21.27	133.97	2000	PASS
n41	30	80	507204	1@1	DFT_64QAM	20.39	109.40	2000	PASS
n41	30	80	507204	1@215	DFT_64QAM	20.59	114.55	2000	PASS
n41	30	80	507204	216@0	DFT_256QAM	19.11	81.47	2000	PASS
n41	30	80	507204	108@54	DFT_256QAM	19.26	84.33	2000	PASS
n41	30	80	507204	1@1	DFT_256QAM	18.80	75.86	2000	PASS
n41	30	80	507204	1@215	DFT_256QAM	19.02	79.80	2000	PASS
n41	30	80	507204	217@0	CP_QPSK	20.60	114.82	2000	PASS
n41	30	80	507204	109@54	CP_QPSK	22.23	167.11	2000	PASS
n41	30	80	507204	1@1	CP_QPSK	21.63	145.55	2000	PASS
n41	30	80	507204	1@215	CP_QPSK	21.88	154.17	2000	PASS
n41	30	80	507204	217@0	CP_16QAM	20.61	115.08	2000	PASS
n41	30	80	507204	109@54	CP_16QAM	21.70	147.91	2000	PASS
n41	30	80	507204	1@1	CP_16QAM	21.13	129.72	2000	PASS
n41	30	80	507204	1@215	CP_16QAM	21.37	137.09	2000	PASS
n41	30	80	507204	217@0	CP_64QAM	20.12	102.80	2000	PASS
n41	30	80	507204	109@54	CP_64QAM	20.24	105.68	2000	PASS
n41	30	80	507204	1@1	CP_64QAM	19.55	90.16	2000	PASS
n41	30	80	507204	1@215	CP_64QAM	19.75	94.41	2000	PASS
n41	30	80	507204	217@0	CP_256QAM	17.07	50.93	2000	PASS
n41	30	80	507204	109@54	CP_256QAM	17.21	52.60	2000	PASS
n41	30	80	507204	1@1	CP_256QAM	16.72	46.99	2000	PASS
n41	30	80	507204	1@215	CP_256QAM	16.91	49.09	2000	PASS
n41	30	80	518598	216@0	DFT_BPSK	22.99	199.07	2000	PASS
n41	30	80	518598	108@54	DFT_BPSK	23.64	231.21	2000	PASS
n41	30	80	518598	1@1	DFT_BPSK	22.70	186.21	2000	PASS
n41	30	80	518598	1@215	DFT_BPSK	23.13	205.59	2000	PASS
n41	30	80	518598	216@0	DFT_QPSK	22.73	187.50	2000	PASS
n41	30	80	518598	108@54	DFT_QPSK	23.65	231.74	2000	PASS
n41	30	80	518598	1@1	DFT_QPSK	22.84	192.31	2000	PASS
n41	30	80	518598	1@215	DFT_QPSK	23.28	212.81	2000	PASS
n41	30	80	518598	216@0	DFT_16QAM	21.76	149.97	2000	PASS
n41	30	80	518598	108@54	DFT_16QAM	22.89	194.54	2000	PASS
n41	30	80	518598	1@1	DFT_16QAM	22.12	162.93	2000	PASS
n41	30	80	518598	1@215	DFT_16QAM	22.55	179.89	2000	PASS
n41	30	80	518598	216@0	DFT_64QAM	21.24	133.05	2000	PASS
n41	30	80	518598	108@54	DFT_64QAM	21.33	135.83	2000	PASS
n41	30	80	518598	1@1	DFT_64QAM	20.41	109.90	2000	PASS
n41	30	80	518598	1@215	DFT_64QAM	20.81	120.50	2000	PASS
n41	30	80	518598	216@0	DFT_256QAM	19.20	83.18	2000	PASS
n41	30	80	518598	108@54	DFT_256QAM	19.32	85.51	2000	PASS

n41	30	80	518598	1@1	DFT_256QAM	18.75	74.99	2000	PASS
n41	30	80	518598	1@215	DFT_256QAM	19.18	82.79	2000	PASS
n41	30	80	518598	217@0	CP_QPSK	20.68	116.95	2000	PASS
n41	30	80	518598	109@54	CP_QPSK	22.27	168.66	2000	PASS
n41	30	80	518598	1@1	CP_QPSK	21.74	149.28	2000	PASS
n41	30	80	518598	1@215	CP_QPSK	22.05	160.32	2000	PASS
n41	30	80	518598	217@0	CP_16QAM	20.68	116.95	2000	PASS
n41	30	80	518598	109@54	CP_16QAM	21.76	149.97	2000	PASS
n41	30	80	518598	1@1	CP_16QAM	21.23	132.74	2000	PASS
n41	30	80	518598	1@215	CP_16QAM	21.62	145.21	2000	PASS
n41	30	80	518598	217@0	CP_64QAM	20.18	104.23	2000	PASS
n41	30	80	518598	109@54	CP_64QAM	20.30	107.15	2000	PASS
n41	30	80	518598	1@1	CP_64QAM	19.48	88.72	2000	PASS
n41	30	80	518598	1@215	CP_64QAM	19.85	96.61	2000	PASS
n41	30	80	518598	217@0	CP_256QAM	17.16	52.00	2000	PASS
n41	30	80	518598	109@54	CP_256QAM	17.27	53.33	2000	PASS
n41	30	80	518598	1@1	CP_256QAM	16.72	46.99	2000	PASS
n41	30	80	518598	1@215	CP_256QAM	17.11	51.40	2000	PASS
n41	30	80	529998	216@0	DFT_BPSK	22.93	196.34	2000	PASS
n41	30	80	529998	108@54	DFT_BPSK	23.60	229.09	2000	PASS
n41	30	80	529998	1@1	DFT_BPSK	22.63	183.23	2000	PASS
n41	30	80	529998	1@215	DFT_BPSK	23.08	203.24	2000	PASS
n41	30	80	529998	216@0	DFT_QPSK	22.68	185.35	2000	PASS
n41	30	80	529998	108@54	DFT_QPSK	23.63	230.67	2000	PASS
n41	30	80	529998	1@1	DFT_QPSK	22.77	189.23	2000	PASS
n41	30	80	529998	1@215	DFT_QPSK	23.21	209.41	2000	PASS
n41	30	80	529998	216@0	DFT_16QAM	21.68	147.23	2000	PASS
n41	30	80	529998	108@54	DFT_16QAM	22.85	192.75	2000	PASS
n41	30	80	529998	1@1	DFT_16QAM	22.07	161.06	2000	PASS
n41	30	80	529998	1@215	DFT_16QAM	22.48	177.01	2000	PASS
n41	30	80	529998	216@0	DFT_64QAM	21.17	130.92	2000	PASS
n41	30	80	529998	108@54	DFT_64QAM	21.30	134.90	2000	PASS
n41	30	80	529998	1@1	DFT_64QAM	20.53	112.98	2000	PASS
n41	30	80	529998	1@215	DFT_64QAM	20.95	124.45	2000	PASS
n41	30	80	529998	216@0	DFT_256QAM	19.14	82.04	2000	PASS
n41	30	80	529998	108@54	DFT_256QAM	19.29	84.92	2000	PASS
n41	30	80	529998	1@1	DFT_256QAM	18.73	74.64	2000	PASS
n41	30	80	529998	1@215	DFT_256QAM	19.23	83.75	2000	PASS
n41	30	80	529998	217@0	CP_QPSK	20.64	115.88	2000	PASS
n41	30	80	529998	109@54	CP_QPSK	22.24	167.49	2000	PASS
n41	30	80	529998	1@1	CP_QPSK	21.44	139.32	2000	PASS
n41	30	80	529998	1@215	CP_QPSK	21.92	155.60	2000	PASS
n41	30	80	529998	217@0	CP_16QAM	20.68	116.95	2000	PASS
n41	30	80	529998	109@54	CP_16QAM	21.74	149.28	2000	PASS

n41	30	80	529998	1@1	CP_16QAM	21.05	127.35	2000	PASS
n41	30	80	529998	1@215	CP_16QAM	21.52	141.91	2000	PASS
n41	30	80	529998	217@0	CP_64QAM	20.16	103.75	2000	PASS
n41	30	80	529998	109@54	CP_64QAM	20.31	107.40	2000	PASS
n41	30	80	529998	1@1	CP_64QAM	19.52	89.54	2000	PASS
n41	30	80	529998	1@215	CP_64QAM	19.98	99.54	2000	PASS
n41	30	80	529998	217@0	CP_256QAM	17.11	51.40	2000	PASS
n41	30	80	529998	109@54	CP_256QAM	17.20	52.48	2000	PASS
n41	30	80	529998	1@1	CP_256QAM	16.60	45.71	2000	PASS
n41	30	80	529998	1@215	CP_256QAM	17.14	51.76	2000	PASS
n41	30	90	508200	243@0	DFT_BPSK	22.87	193.64	2000	PASS
n41	30	90	508200	120@60	DFT_BPSK	23.56	226.99	2000	PASS
n41	30	90	508200	1@1	DFT_BPSK	22.63	183.23	2000	PASS
n41	30	90	508200	1@243	DFT_BPSK	22.87	193.64	2000	PASS
n41	30	90	508200	243@0	DFT_QPSK	22.61	182.39	2000	PASS
n41	30	90	508200	120@60	DFT_QPSK	23.62	230.14	2000	PASS
n41	30	90	508200	1@1	DFT_QPSK	22.69	185.78	2000	PASS
n41	30	90	508200	1@243	DFT_QPSK	22.92	195.88	2000	PASS
n41	30	90	508200	243@0	DFT_16QAM	21.62	145.21	2000	PASS
n41	30	90	508200	120@60	DFT_16QAM	22.80	190.55	2000	PASS
n41	30	90	508200	1@1	DFT_16QAM	21.99	158.12	2000	PASS
n41	30	90	508200	1@243	DFT_16QAM	22.23	167.11	2000	PASS
n41	30	90	508200	243@0	DFT_64QAM	21.11	129.12	2000	PASS
n41	30	90	508200	120@60	DFT_64QAM	21.25	133.35	2000	PASS
n41	30	90	508200	1@1	DFT_64QAM	20.22	105.20	2000	PASS
n41	30	90	508200	1@243	DFT_64QAM	20.47	111.43	2000	PASS
n41	30	90	508200	243@0	DFT_256QAM	19.11	81.47	2000	PASS
n41	30	90	508200	120@60	DFT_256QAM	19.25	84.14	2000	PASS
n41	30	90	508200	1@1	DFT_256QAM	18.67	73.62	2000	PASS
n41	30	90	508200	1@243	DFT_256QAM	18.89	77.45	2000	PASS
n41	30	90	508200	245@0	CP_QPSK	20.59	114.55	2000	PASS
n41	30	90	508200	123@61	CP_QPSK	22.23	167.11	2000	PASS
n41	30	90	508200	1@1	CP_QPSK	21.49	140.93	2000	PASS
n41	30	90	508200	1@243	CP_QPSK	21.69	147.57	2000	PASS
n41	30	90	508200	245@0	CP_16QAM	20.58	114.29	2000	PASS
n41	30	90	508200	123@61	CP_16QAM	21.71	148.25	2000	PASS
n41	30	90	508200	1@1	CP_16QAM	21.07	127.94	2000	PASS
n41	30	90	508200	1@243	CP_16QAM	21.30	134.90	2000	PASS
n41	30	90	508200	245@0	CP_64QAM	20.07	101.62	2000	PASS
n41	30	90	508200	123@61	CP_64QAM	20.20	104.71	2000	PASS
n41	30	90	508200	1@1	CP_64QAM	19.43	87.70	2000	PASS
n41	30	90	508200	1@243	CP_64QAM	19.60	91.20	2000	PASS
n41	30	90	508200	245@0	CP_256QAM	17.03	50.47	2000	PASS
n41	30	90	508200	123@61	CP_256QAM	17.17	52.12	2000	PASS

n41	30	90	508200	1@1	CP_256QAM	16.62	45.92	2000	PASS
n41	30	90	508200	1@243	CP_256QAM	16.82	48.08	2000	PASS
n41	30	90	518598	243@0	DFT_BPSK	22.96	197.70	2000	PASS
n41	30	90	518598	120@60	DFT_BPSK	23.60	229.09	2000	PASS
n41	30	90	518598	1@1	DFT_BPSK	22.58	181.13	2000	PASS
n41	30	90	518598	1@243	DFT_BPSK	23.06	202.30	2000	PASS
n41	30	90	518598	243@0	DFT_QPSK	22.72	187.07	2000	PASS
n41	30	90	518598	120@60	DFT_QPSK	23.65	231.74	2000	PASS
n41	30	90	518598	1@1	DFT_QPSK	22.64	183.65	2000	PASS
n41	30	90	518598	1@243	DFT_QPSK	23.12	205.12	2000	PASS
n41	30	90	518598	243@0	DFT_16QAM	21.72	148.59	2000	PASS
n41	30	90	518598	120@60	DFT_16QAM	22.83	191.87	2000	PASS
n41	30	90	518598	1@1	DFT_16QAM	21.97	157.40	2000	PASS
n41	30	90	518598	1@243	DFT_16QAM	22.48	177.01	2000	PASS
n41	30	90	518598	243@0	DFT_64QAM	21.21	132.13	2000	PASS
n41	30	90	518598	120@60	DFT_64QAM	21.30	134.90	2000	PASS
n41	30	90	518598	1@1	DFT_64QAM	20.28	106.66	2000	PASS
n41	30	90	518598	1@243	DFT_64QAM	20.74	118.58	2000	PASS
n41	30	90	518598	243@0	DFT_256QAM	19.19	82.99	2000	PASS
n41	30	90	518598	120@60	DFT_256QAM	19.30	85.11	2000	PASS
n41	30	90	518598	1@1	DFT_256QAM	18.60	72.44	2000	PASS
n41	30	90	518598	1@243	DFT_256QAM	19.08	80.91	2000	PASS
n41	30	90	518598	245@0	CP_QPSK	20.68	116.95	2000	PASS
n41	30	90	518598	123@61	CP_QPSK	22.28	169.04	2000	PASS
n41	30	90	518598	1@1	CP_QPSK	21.47	140.28	2000	PASS
n41	30	90	518598	1@243	CP_QPSK	21.97	157.40	2000	PASS
n41	30	90	518598	245@0	CP_16QAM	20.67	116.68	2000	PASS
n41	30	90	518598	123@61	CP_16QAM	21.76	149.97	2000	PASS
n41	30	90	518598	1@1	CP_16QAM	21.03	126.77	2000	PASS
n41	30	90	518598	1@243	CP_16QAM	21.50	141.25	2000	PASS
n41	30	90	518598	245@0	CP_64QAM	20.16	103.75	2000	PASS
n41	30	90	518598	123@61	CP_64QAM	20.24	105.68	2000	PASS
n41	30	90	518598	1@1	CP_64QAM	19.36	86.30	2000	PASS
n41	30	90	518598	1@243	CP_64QAM	19.83	96.16	2000	PASS
n41	30	90	518598	245@0	CP_256QAM	17.12	51.52	2000	PASS
n41	30	90	518598	123@61	CP_256QAM	17.19	52.36	2000	PASS
n41	30	90	518598	1@1	CP_256QAM	16.56	45.29	2000	PASS
n41	30	90	518598	1@243	CP_256QAM	17.03	50.47	2000	PASS
n41	30	90	528996	243@0	DFT_BPSK	22.86	193.20	2000	PASS
n41	30	90	528996	120@60	DFT_BPSK	23.54	225.94	2000	PASS
n41	30	90	528996	1@1	DFT_BPSK	22.49	177.42	2000	PASS
n41	30	90	528996	1@243	DFT_BPSK	22.97	198.15	2000	PASS
n41	30	90	528996	243@0	DFT_QPSK	22.64	183.65	2000	PASS
n41	30	90	528996	120@60	DFT_QPSK	23.60	229.09	2000	PASS

n41	30	90	528996	1@1	DFT_QPSK	22.60	181.97	2000	PASS
n41	30	90	528996	1@243	DFT_QPSK	23.06	202.30	2000	PASS
n41	30	90	528996	243@0	DFT_16QAM	21.65	146.22	2000	PASS
n41	30	90	528996	120@60	DFT_16QAM	22.77	189.23	2000	PASS
n41	30	90	528996	1@1	DFT_16QAM	21.90	154.88	2000	PASS
n41	30	90	528996	1@243	DFT_16QAM	22.35	171.79	2000	PASS
n41	30	90	528996	243@0	DFT_64QAM	21.12	129.42	2000	PASS
n41	30	90	528996	120@60	DFT_64QAM	21.25	133.35	2000	PASS
n41	30	90	528996	1@1	DFT_64QAM	20.20	104.71	2000	PASS
n41	30	90	528996	1@243	DFT_64QAM	20.66	116.41	2000	PASS
n41	30	90	528996	243@0	DFT_256QAM	19.12	81.66	2000	PASS
n41	30	90	528996	120@60	DFT_256QAM	19.24	83.95	2000	PASS
n41	30	90	528996	1@1	DFT_256QAM	18.55	71.61	2000	PASS
n41	30	90	528996	1@243	DFT_256QAM	19.01	79.62	2000	PASS
n41	30	90	528996	245@0	CP_QPSK	20.60	114.82	2000	PASS
n41	30	90	528996	123@61	CP_QPSK	22.21	166.34	2000	PASS
n41	30	90	528996	1@1	CP_QPSK	21.38	137.40	2000	PASS
n41	30	90	528996	1@243	CP_QPSK	21.88	154.17	2000	PASS
n41	30	90	528996	245@0	CP_16QAM	20.59	114.55	2000	PASS
n41	30	90	528996	123@61	CP_16QAM	21.69	147.57	2000	PASS
n41	30	90	528996	1@1	CP_16QAM	20.91	123.31	2000	PASS
n41	30	90	528996	1@243	CP_16QAM	21.46	139.96	2000	PASS
n41	30	90	528996	245@0	CP_64QAM	20.09	102.09	2000	PASS
n41	30	90	528996	123@61	CP_64QAM	20.20	104.71	2000	PASS
n41	30	90	528996	1@1	CP_64QAM	19.24	83.95	2000	PASS
n41	30	90	528996	1@243	CP_64QAM	19.82	95.94	2000	PASS
n41	30	90	528996	245@0	CP_256QAM	17.00	50.12	2000	PASS
n41	30	90	528996	123@61	CP_256QAM	17.13	51.64	2000	PASS
n41	30	90	528996	1@1	CP_256QAM	16.53	44.98	2000	PASS
n41	30	90	528996	1@243	CP_256QAM	17.18	52.24	2000	PASS
n41	30	100	509202	270@0	DFT_BPSK	22.80	190.55	2000	PASS
n41	30	100	509202	135@67	DFT_BPSK	23.52	224.91	2000	PASS
n41	30	100	509202	1@1	DFT_BPSK	22.44	175.39	2000	PASS
n41	30	100	509202	1@271	DFT_BPSK	22.78	189.67	2000	PASS
n41	30	100	509202	270@0	DFT_QPSK	22.56	180.30	2000	PASS
n41	30	100	509202	135@67	DFT_QPSK	23.54	225.94	2000	PASS
n41	30	100	509202	1@1	DFT_QPSK	22.44	175.39	2000	PASS
n41	30	100	509202	1@271	DFT_QPSK	22.79	190.11	2000	PASS
n41	30	100	509202	270@0	DFT_16QAM	21.57	143.55	2000	PASS
n41	30	100	509202	135@67	DFT_16QAM	22.75	188.36	2000	PASS
n41	30	100	509202	1@1	DFT_16QAM	21.80	151.36	2000	PASS
n41	30	100	509202	1@271	DFT_16QAM	22.13	163.31	2000	PASS
n41	30	100	509202	270@0	DFT_64QAM	21.06	127.64	2000	PASS
n41	30	100	509202	135@67	DFT_64QAM	21.23	132.74	2000	PASS

n41	30	100	509202	1@1	DFT_64QAM	20.49	111.94	2000	PASS
n41	30	100	509202	1@271	DFT_64QAM	20.74	118.58	2000	PASS
n41	30	100	509202	270@0	DFT_256QAM	19.03	79.98	2000	PASS
n41	30	100	509202	135@67	DFT_256QAM	19.20	83.18	2000	PASS
n41	30	100	509202	1@1	DFT_256QAM	18.49	70.63	2000	PASS
n41	30	100	509202	1@271	DFT_256QAM	18.83	76.38	2000	PASS
n41	30	100	509202	273@0	CP_QPSK	20.54	113.24	2000	PASS
n41	30	100	509202	137@68	CP_QPSK	22.24	167.49	2000	PASS
n41	30	100	509202	1@1	CP_QPSK	21.40	138.04	2000	PASS
n41	30	100	509202	1@271	CP_QPSK	21.76	149.97	2000	PASS
n41	30	100	509202	273@0	CP_16QAM	20.53	112.98	2000	PASS
n41	30	100	509202	137@68	CP_16QAM	21.72	148.59	2000	PASS
n41	30	100	509202	1@1	CP_16QAM	20.87	122.18	2000	PASS
n41	30	100	509202	1@271	CP_16QAM	21.23	132.74	2000	PASS
n41	30	100	509202	273@0	CP_64QAM	20.00	100.00	2000	PASS
n41	30	100	509202	137@68	CP_64QAM	20.20	104.71	2000	PASS
n41	30	100	509202	1@1	CP_64QAM	19.28	84.72	2000	PASS
n41	30	100	509202	1@271	CP_64QAM	19.63	91.83	2000	PASS
n41	30	100	509202	273@0	CP_256QAM	16.99	50.00	2000	PASS
n41	30	100	509202	137@68	CP_256QAM	17.16	52.00	2000	PASS
n41	30	100	509202	1@1	CP_256QAM	16.43	43.95	2000	PASS
n41	30	100	509202	1@271	CP_256QAM	16.75	47.32	2000	PASS
n41	30	100	518598	270@0	DFT_BPSK	22.88	194.09	2000	PASS
n41	30	100	518598	135@67	DFT_BPSK	23.58	228.03	2000	PASS
n41	30	100	518598	1@1	DFT_BPSK	22.33	171.00	2000	PASS
n41	30	100	518598	1@271	DFT_BPSK	22.88	194.09	2000	PASS
n41	30	100	518598	270@0	DFT_QPSK	22.65	184.08	2000	PASS
n41	30	100	518598	135@67	DFT_QPSK	23.61	229.61	2000	PASS
n41	30	100	518598	1@1	DFT_QPSK	22.41	174.18	2000	PASS
n41	30	100	518598	1@271	DFT_QPSK	22.96	197.70	2000	PASS
n41	30	100	518598	270@0	DFT_16QAM	21.67	146.89	2000	PASS
n41	30	100	518598	135@67	DFT_16QAM	22.80	190.55	2000	PASS
n41	30	100	518598	1@1	DFT_16QAM	21.80	151.36	2000	PASS
n41	30	100	518598	1@271	DFT_16QAM	22.35	171.79	2000	PASS
n41	30	100	518598	270@0	DFT_64QAM	21.18	131.22	2000	PASS
n41	30	100	518598	135@67	DFT_64QAM	21.30	134.90	2000	PASS
n41	30	100	518598	1@1	DFT_64QAM	20.09	102.09	2000	PASS
n41	30	100	518598	1@271	DFT_64QAM	20.61	115.08	2000	PASS
n41	30	100	518598	270@0	DFT_256QAM	19.17	82.60	2000	PASS
n41	30	100	518598	135@67	DFT_256QAM	19.27	84.53	2000	PASS
n41	30	100	518598	1@1	DFT_256QAM	18.44	69.82	2000	PASS
n41	30	100	518598	1@271	DFT_256QAM	19.00	79.43	2000	PASS
n41	30	100	518598	273@0	CP_QPSK	20.62	115.35	2000	PASS
n41	30	100	518598	137@68	CP_QPSK	22.32	170.61	2000	PASS

n41	30	100	518598	1@1	CP_QPSK	21.32	135.52	2000	PASS
n41	30	100	518598	1@271	CP_QPSK	21.86	153.46	2000	PASS
n41	30	100	518598	273@0	CP_16QAM	20.65	116.14	2000	PASS
n41	30	100	518598	137@68	CP_16QAM	21.80	151.36	2000	PASS
n41	30	100	518598	1@1	CP_16QAM	20.86	121.90	2000	PASS
n41	30	100	518598	1@271	CP_16QAM	21.41	138.36	2000	PASS
n41	30	100	518598	273@0	CP_64QAM	20.10	102.33	2000	PASS
n41	30	100	518598	137@68	CP_64QAM	20.27	106.41	2000	PASS
n41	30	100	518598	1@1	CP_64QAM	19.21	83.37	2000	PASS
n41	30	100	518598	1@271	CP_64QAM	19.74	94.19	2000	PASS
n41	30	100	518598	273@0	CP_256QAM	17.07	50.93	2000	PASS
n41	30	100	518598	137@68	CP_256QAM	17.24	52.97	2000	PASS
n41	30	100	518598	1@1	CP_256QAM	16.36	43.25	2000	PASS
n41	30	100	518598	1@271	CP_256QAM	16.90	48.98	2000	PASS
n41	30	100	528000	270@0	DFT_BPSK	22.86	193.20	2000	PASS
n41	30	100	528000	135@67	DFT_BPSK	23.55	226.46	2000	PASS
n41	30	100	528000	1@1	DFT_BPSK	22.32	170.61	2000	PASS
n41	30	100	528000	1@271	DFT_BPSK	22.88	194.09	2000	PASS
n41	30	100	528000	270@0	DFT_QPSK	22.60	181.97	2000	PASS
n41	30	100	528000	135@67	DFT_QPSK	23.58	228.03	2000	PASS
n41	30	100	528000	1@1	DFT_QPSK	22.36	172.19	2000	PASS
n41	30	100	528000	1@271	DFT_QPSK	22.95	197.24	2000	PASS
n41	30	100	528000	270@0	DFT_16QAM	21.63	145.55	2000	PASS
n41	30	100	528000	135@67	DFT_16QAM	22.79	190.11	2000	PASS
n41	30	100	528000	1@1	DFT_16QAM	21.78	150.66	2000	PASS
n41	30	100	528000	1@271	DFT_16QAM	22.30	169.82	2000	PASS
n41	30	100	528000	270@0	DFT_64QAM	21.13	129.72	2000	PASS
n41	30	100	528000	135@67	DFT_64QAM	21.27	133.97	2000	PASS
n41	30	100	528000	1@1	DFT_64QAM	20.02	100.46	2000	PASS
n41	30	100	528000	1@271	DFT_64QAM	20.56	113.76	2000	PASS
n41	30	100	528000	270@0	DFT_256QAM	19.09	81.10	2000	PASS
n41	30	100	528000	135@67	DFT_256QAM	19.23	83.75	2000	PASS
n41	30	100	528000	1@1	DFT_256QAM	18.43	69.66	2000	PASS
n41	30	100	528000	1@271	DFT_256QAM	19.01	79.62	2000	PASS
n41	30	100	528000	273@0	CP_QPSK	20.58	114.29	2000	PASS
n41	30	100	528000	137@68	CP_QPSK	22.28	169.04	2000	PASS
n41	30	100	528000	1@1	CP_QPSK	21.24	133.05	2000	PASS
n41	30	100	528000	1@271	CP_QPSK	21.81	151.71	2000	PASS
n41	30	100	528000	273@0	CP_16QAM	20.56	113.76	2000	PASS
n41	30	100	528000	137@68	CP_16QAM	21.77	150.31	2000	PASS
n41	30	100	528000	1@1	CP_16QAM	20.79	119.95	2000	PASS
n41	30	100	528000	1@271	CP_16QAM	21.39	137.72	2000	PASS
n41	30	100	528000	273@0	CP_64QAM	20.06	101.39	2000	PASS
n41	30	100	528000	137@68	CP_64QAM	20.23	105.44	2000	PASS

n41	30	100	528000	1@1	CP_64QAM	19.15	82.22	2000	PASS
n41	30	100	528000	1@271	CP_64QAM	19.73	93.97	2000	PASS
n41	30	100	528000	273@0	CP_256QAM	17.05	50.70	2000	PASS
n41	30	100	528000	137@68	CP_256QAM	17.21	52.60	2000	PASS
n41	30	100	528000	1@1	CP_256QAM	16.33	42.95	2000	PASS
n41	30	100	528000	1@271	CP_256QAM	17.05	50.70	2000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	19.63	91.83	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	20.13	103.04	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	20.05	101.16	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	20.12	102.80	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	19.13	81.85	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	20.18	104.23	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	20.04	100.93	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	20.10	102.33	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	18.10	64.57	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	19.21	83.37	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	19.09	81.10	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	19.17	82.60	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	17.61	57.68	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	17.62	57.81	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	17.43	55.34	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	17.50	56.23	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	15.59	36.22	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	15.67	36.90	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	15.60	36.31	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	15.71	37.24	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	17.15	51.88	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	18.71	74.30	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	18.58	72.11	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	18.62	72.78	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	17.13	51.64	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	18.17	65.61	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	18.12	64.86	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	18.15	65.31	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	16.62	45.92	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	16.67	46.45	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	16.52	44.87	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	16.62	45.92	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	13.67	23.28	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	13.69	23.39	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	13.71	23.50	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	13.78	23.88	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	19.49	88.92	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	19.99	99.77	1000	PASS

n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	19.93	98.40	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	19.89	97.50	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	19.01	79.62	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	20.04	100.93	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	20.00	100.00	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	19.93	98.40	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	18.02	63.39	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	19.01	79.62	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	18.87	77.09	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	18.81	76.03	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	17.43	55.34	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	17.43	55.34	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	17.31	53.83	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	17.26	53.21	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	15.46	35.16	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	15.48	35.32	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	15.61	36.39	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	15.50	35.48	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	16.98	49.89	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	18.48	70.47	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	18.48	70.47	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	18.40	69.18	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	16.95	49.55	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	18.00	63.10	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	17.98	62.81	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	17.93	62.09	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	16.46	44.26	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	16.48	44.46	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	16.36	43.25	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	16.28	42.46	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	13.48	22.28	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	13.57	22.75	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	13.64	23.12	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	13.56	22.70	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	19.88	97.27	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	20.34	108.14	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	20.27	106.41	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	20.35	108.39	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	19.40	87.10	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	20.36	108.64	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	20.27	106.41	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	20.37	108.89	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	18.36	68.55	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	19.41	87.30	1000	PASS

n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	19.35	86.10	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	19.42	87.50	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	17.87	61.24	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	17.88	61.38	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	17.69	58.75	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	17.78	59.98	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	15.84	38.37	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	15.90	38.90	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	15.87	38.64	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	15.98	39.63	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	17.35	54.33	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	18.90	77.62	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	18.81	76.03	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	18.91	77.80	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	17.36	54.45	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_16QAM	18.38	68.87	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	18.33	68.08	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	18.40	69.18	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	16.88	48.75	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	16.91	49.09	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	16.69	46.67	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	16.77	47.53	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	13.89	24.49	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	13.97	24.95	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	13.97	24.95	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	14.03	25.29	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	19.69	93.11	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	20.23	105.44	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	20.06	101.39	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	20.14	103.28	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	19.23	83.75	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	20.24	105.68	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	20.08	101.86	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	20.16	103.75	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	18.23	66.53	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	19.17	82.60	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	19.14	82.04	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	19.20	83.18	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	17.64	58.08	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	17.70	58.88	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	17.41	55.08	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	17.43	55.34	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	15.64	36.64	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	15.69	37.07	1000	PASS

n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	15.66	36.81	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	15.73	37.41	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	17.17	52.12	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	18.67	73.62	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	18.58	72.11	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	18.64	73.11	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	17.14	51.76	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	18.10	64.57	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	18.13	65.01	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	18.23	66.53	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	16.72	46.99	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	16.63	46.03	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	16.44	44.06	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	16.49	44.57	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_256QAM	13.75	23.71	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	13.71	23.50	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	13.71	23.50	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	13.84	24.21	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	19.49	88.92	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	20.00	100.00	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	19.94	98.63	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	19.88	97.27	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	18.98	79.07	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	20.01	100.23	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	19.93	98.40	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	19.86	96.83	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	18.04	63.68	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	18.95	78.52	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	19.02	79.80	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	18.96	78.70	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	17.43	55.34	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	17.47	55.85	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	17.27	53.33	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	17.20	52.48	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	15.42	34.83	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	15.43	34.91	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	15.52	35.65	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	15.44	34.99	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	16.97	49.77	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	18.49	70.63	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	18.48	70.47	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	18.38	68.87	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	16.93	49.32	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	17.94	62.23	1000	PASS

n78(3450-3550)	30	15	633334	1@1	CP_16QAM	18.01	63.24	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	17.93	62.09	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	16.52	44.87	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	16.45	44.16	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	16.37	43.35	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	16.26	42.27	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	13.51	22.44	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	13.51	22.44	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	13.65	23.17	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	13.56	22.70	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	19.88	97.27	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	20.33	107.89	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	20.27	106.41	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	20.39	109.40	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	19.38	86.70	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	20.34	108.14	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	20.29	106.91	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	20.39	109.40	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	18.41	69.34	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	19.32	85.51	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	19.32	85.51	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	19.45	88.10	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	17.83	60.67	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	17.86	61.09	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	17.64	58.08	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	17.72	59.16	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	15.83	38.28	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	15.86	38.55	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	15.83	38.28	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	15.99	39.72	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	17.38	54.70	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	18.88	77.27	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	18.83	76.38	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	18.88	77.27	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	17.32	53.95	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	18.33	68.08	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	18.34	68.23	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	18.44	69.82	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	16.90	48.98	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	16.91	49.09	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	16.85	48.42	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	16.96	49.66	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	13.98	25.00	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	14.01	25.18	1000	PASS

n78(3450-3550)	30	15	636166	1@1	CP_256QAM	14.06	25.47	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	14.18	26.18	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	19.80	95.50	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	20.33	107.89	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	20.13	103.04	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	20.12	102.80	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	19.32	85.51	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	20.36	108.64	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	20.20	104.71	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	20.17	103.99	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	18.26	66.99	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	19.34	85.90	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	19.01	79.62	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	19.00	79.43	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	17.79	60.12	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	17.80	60.26	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	17.50	56.23	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	17.46	55.72	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	15.71	37.24	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	15.79	37.93	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	15.73	37.41	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	15.78	37.84	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	17.29	53.58	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	18.81	76.03	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	18.61	72.61	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	18.64	73.11	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	17.26	53.21	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	18.29	67.45	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	18.15	65.31	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	18.21	66.22	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	16.79	47.75	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	16.84	48.31	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	16.52	44.87	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	16.49	44.57	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	13.82	24.10	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	13.82	24.10	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	13.83	24.15	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	13.80	23.99	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	19.66	92.47	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	20.14	103.28	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	20.00	100.00	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	19.91	97.95	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	19.14	82.04	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	20.16	103.75	1000	PASS

n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	20.08	101.86	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	19.97	99.31	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	18.13	65.01	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	19.14	82.04	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	18.94	78.34	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	18.77	75.34	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	17.63	57.94	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	17.60	57.54	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	17.38	54.70	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	17.30	53.70	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	15.58	36.14	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	15.60	36.31	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	15.66	36.81	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	15.56	35.97	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	17.14	51.76	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	18.61	72.61	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	18.56	71.78	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	18.42	69.50	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	17.08	51.05	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	18.12	64.86	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	18.11	64.71	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	17.98	62.81	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	16.60	45.71	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	16.64	46.13	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	16.44	44.06	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	16.29	42.56	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	13.63	23.07	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	13.62	23.01	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	13.69	23.39	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	13.56	22.70	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	19.97	99.31	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	20.47	111.43	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	20.31	107.40	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	20.37	108.89	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	19.46	88.31	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	20.46	111.17	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	20.32	107.65	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	20.40	109.65	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	18.43	69.66	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	19.45	88.10	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	19.28	84.72	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	19.37	86.50	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	17.96	62.52	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	17.98	62.81	1000	PASS

n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	17.66	58.34	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	17.76	59.70	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	15.89	38.82	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	15.92	39.08	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	15.88	38.73	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	15.96	39.45	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	17.44	55.46	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	18.95	78.52	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	18.81	76.03	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	18.89	77.45	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_16QAM	17.42	55.21	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	18.46	70.15	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	18.35	68.39	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	18.41	69.34	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	16.90	48.98	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	16.95	49.55	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	16.65	46.24	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	16.74	47.21	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	13.95	24.83	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	13.99	25.06	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	13.97	24.95	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	14.06	25.47	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.75	188.36	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	23.32	214.78	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.85	192.75	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.72	187.07	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	22.24	167.49	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	23.31	214.29	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.87	193.64	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.76	188.80	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	21.22	132.43	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	22.29	169.43	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.91	155.24	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.78	150.66	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.73	118.30	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.82	120.78	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.32	107.65	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.08	101.86	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.73	74.64	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.76	75.16	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.52	71.12	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.32	67.92	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	20.16	103.75	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	21.75	149.62	1000	PASS

n78(3450-3550)	30	40	631334	1@1	CP_QPSK	21.36	136.77	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	21.27	133.97	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	20.18	104.23	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	21.30	134.90	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	20.93	123.88	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	20.76	119.12	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	19.65	92.26	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	19.74	94.19	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	19.27	84.53	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_64QAM	19.11	81.47	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	16.68	46.56	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	16.76	47.42	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	16.50	44.67	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	16.33	42.95	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.54	179.47	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	23.15	206.54	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.64	183.65	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.57	180.72	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	22.04	159.96	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	23.16	207.01	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.64	183.65	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.59	181.55	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	21.05	127.35	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	22.11	162.55	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.76	149.97	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.64	145.88	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.55	113.50	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.65	116.14	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	19.98	99.54	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.95	98.86	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.54	71.45	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.60	72.44	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.28	67.30	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	18.22	66.37	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	19.99	99.77	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	21.59	144.21	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	21.15	130.32	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	21.11	129.12	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	19.99	99.77	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	21.11	129.12	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	20.76	119.12	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	20.70	117.49	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	19.48	88.72	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	19.58	90.78	1000	PASS

n78(3450-3550)	30	40	633334	1@1	CP_64QAM	19.08	80.91	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	19.01	79.62	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	16.49	44.57	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	16.59	45.60	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	16.27	42.36	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	16.22	41.88	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.79	190.11	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	23.35	216.27	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.68	185.35	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	23.05	201.84	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	22.29	169.43	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	23.37	217.27	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.68	185.35	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	23.05	201.84	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	21.27	133.97	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	22.35	171.79	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.75	149.62	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	22.10	162.18	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.81	120.50	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.88	122.46	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.13	103.04	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	20.41	109.90	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.78	75.51	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.81	76.03	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.29	67.45	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.65	73.28	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	20.25	105.93	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	21.85	153.11	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	21.21	132.13	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	21.53	142.23	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	20.26	106.17	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	21.36	136.77	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	20.76	119.12	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	21.12	129.42	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	19.73	93.97	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	19.85	96.61	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	19.05	80.35	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	19.47	88.51	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	16.73	47.10	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	16.86	48.53	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	16.30	42.66	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	16.67	46.45	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.73	187.50	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	23.27	212.32	1000	PASS