

n41	30	40	534000	106@0	CP_QPSK	19.26	-3.6	15.66	36.81	2000	PASS
n41	30	40	534000	53@26	CP_QPSK	20.62	-3.6	17.02	50.35	2000	PASS
n41	30	40	534000	1@1	CP_QPSK	19.93	-3.6	16.33	42.95	2000	PASS
n41	30	40	534000	1@104	CP_QPSK	20.12	-3.6	16.52	44.87	2000	PASS
n41	30	40	534000	106@0	CP_QAM16	18.91	-3.6	15.31	33.96	2000	PASS
n41	30	40	534000	53@26	CP_QAM16	20.09	-3.6	16.49	44.57	2000	PASS
n41	30	40	534000	1@1	CP_QAM16	19.32	-3.6	15.72	37.33	2000	PASS
n41	30	40	534000	1@104	CP_QAM16	19.54	-3.6	15.94	39.26	2000	PASS
n41	30	40	534000	106@0	CP_QAM64	18.4	-3.6	14.8	30.2	2000	PASS
n41	30	40	534000	53@26	CP_QAM64	18.61	-3.6	15.01	31.7	2000	PASS
n41	30	40	534000	1@1	CP_QAM64	18.17	-3.6	14.57	28.64	2000	PASS
n41	30	40	534000	1@104	CP_QAM64	18.39	-3.6	14.79	30.13	2000	PASS
n41	30	40	534000	106@0	CP_QAM256	15.38	-3.6	11.78	15.07	2000	PASS
n41	30	40	534000	53@26	CP_QAM256	15.59	-3.6	11.99	15.81	2000	PASS
n41	30	40	534000	1@1	CP_QAM256	14.6	-3.6	11	12.59	2000	PASS
n41	30	40	534000	1@104	CP_QAM256	14.9	-3.6	11.3	13.49	2000	PASS
n41	30	50	504204	128@0	DFT_BPSK	21.74	-3.6	18.14	65.16	2000	PASS
n41	30	50	504204	64@32	DFT_BPSK	22.07	-3.6	18.47	70.31	2000	PASS
n41	30	50	504204	1@1	DFT_BPSK	21.93	-3.6	18.33	68.08	2000	PASS
n41	30	50	504204	1@131	DFT_BPSK	21.77	-3.6	18.17	65.61	2000	PASS
n41	30	50	504204	128@0	DFT_QPSK	21.01	-3.6	17.41	55.08	2000	PASS
n41	30	50	504204	64@32	DFT_QPSK	22.09	-3.6	18.49	70.63	2000	PASS
n41	30	50	504204	1@1	DFT_QPSK	21.99	-3.6	18.39	69.02	2000	PASS
n41	30	50	504204	1@131	DFT_QPSK	21.8	-3.6	18.2	66.07	2000	PASS
n41	30	50	504204	128@0	DFT_QAM16	20.02	-3.6	16.42	43.85	2000	PASS
n41	30	50	504204	64@32	DFT_QAM16	21.09	-3.6	17.49	56.1	2000	PASS
n41	30	50	504204	1@1	DFT_QAM16	20.93	-3.6	17.33	54.08	2000	PASS
n41	30	50	504204	1@131	DFT_QAM16	20.77	-3.6	17.17	52.12	2000	PASS
n41	30	50	504204	128@0	DFT_QAM64	19.53	-3.6	15.93	39.17	2000	PASS
n41	30	50	504204	64@32	DFT_QAM64	19.58	-3.6	15.98	39.63	2000	PASS
n41	30	50	504204	1@1	DFT_QAM64	19.27	-3.6	15.67	36.9	2000	PASS
n41	30	50	504204	1@131	DFT_QAM64	19.09	-3.6	15.49	35.4	2000	PASS
n41	30	50	504204	128@0	DFT_QAM256	17.23	-3.6	13.63	23.07	2000	PASS
n41	30	50	504204	64@32	DFT_QAM256	17.42	-3.6	13.82	24.1	2000	PASS
n41	30	50	504204	1@1	DFT_QAM256	16.88	-3.6	13.28	21.28	2000	PASS
n41	30	50	504204	1@131	DFT_QAM256	16.79	-3.6	13.19	20.84	2000	PASS
n41	30	50	504204	133@0	CP_QPSK	19.25	-3.6	15.65	36.73	2000	PASS
n41	30	50	504204	67@33	CP_QPSK	20.6	-3.6	17	50.12	2000	PASS
n41	30	50	504204	1@1	CP_QPSK	20.41	-3.6	16.81	47.97	2000	PASS
n41	30	50	504204	1@131	CP_QPSK	20.23	-3.6	16.63	46.03	2000	PASS
n41	30	50	504204	133@0	CP_QAM16	18.98	-3.6	15.38	34.51	2000	PASS

n41	30	50	504204	67@33	CP_QAM16	20.11	-3.6	16.51	44.77	2000	PASS
n41	30	50	504204	1@1	CP_QAM16	19.83	-3.6	16.23	41.98	2000	PASS
n41	30	50	504204	1@131	CP_QAM16	19.63	-3.6	16.03	40.09	2000	PASS
n41	30	50	504204	133@0	CP_QAM64	18.5	-3.6	14.9	30.9	2000	PASS
n41	30	50	504204	67@33	CP_QAM64	18.57	-3.6	14.97	31.41	2000	PASS
n41	30	50	504204	1@1	CP_QAM64	18.55	-3.6	14.95	31.26	2000	PASS
n41	30	50	504204	1@131	CP_QAM64	18.3	-3.6	14.7	29.51	2000	PASS
n41	30	50	504204	133@0	CP_QAM256	15.45	-3.6	11.85	15.31	2000	PASS
n41	30	50	504204	67@33	CP_QAM256	15.52	-3.6	11.92	15.56	2000	PASS
n41	30	50	504204	1@1	CP_QAM256	15.25	-3.6	11.65	14.62	2000	PASS
n41	30	50	504204	1@131	CP_QAM256	15.02	-3.6	11.42	13.87	2000	PASS
n41	30	50	518598	128@0	DFT_BPSK	21.36	-3.6	17.76	59.7	2000	PASS
n41	30	50	518598	64@32	DFT_BPSK	21.93	-3.6	18.33	68.08	2000	PASS
n41	30	50	518598	1@1	DFT_BPSK	21.76	-3.6	18.16	65.46	2000	PASS
n41	30	50	518598	1@131	DFT_BPSK	21.64	-3.6	18.04	63.68	2000	PASS
n41	30	50	518598	128@0	DFT_QPSK	20.84	-3.6	17.24	52.97	2000	PASS
n41	30	50	518598	64@32	DFT_QPSK	21.97	-3.6	18.37	68.71	2000	PASS
n41	30	50	518598	1@1	DFT_QPSK	21.8	-3.6	18.2	66.07	2000	PASS
n41	30	50	518598	1@131	DFT_QPSK	21.68	-3.6	18.08	64.27	2000	PASS
n41	30	50	518598	128@0	DFT_QAM16	19.86	-3.6	16.26	42.27	2000	PASS
n41	30	50	518598	64@32	DFT_QAM16	20.96	-3.6	17.36	54.45	2000	PASS
n41	30	50	518598	1@1	DFT_QAM16	20.77	-3.6	17.17	52.12	2000	PASS
n41	30	50	518598	1@131	DFT_QAM16	20.62	-3.6	17.02	50.35	2000	PASS
n41	30	50	518598	128@0	DFT_QAM64	19.28	-3.6	15.68	36.98	2000	PASS
n41	30	50	518598	64@32	DFT_QAM64	19.4	-3.6	15.8	38.02	2000	PASS
n41	30	50	518598	1@1	DFT_QAM64	19.08	-3.6	15.48	35.32	2000	PASS
n41	30	50	518598	1@131	DFT_QAM64	18.98	-3.6	15.38	34.51	2000	PASS
n41	30	50	518598	128@0	DFT_QAM256	17.34	-3.6	13.74	23.66	2000	PASS
n41	30	50	518598	64@32	DFT_QAM256	17.44	-3.6	13.84	24.21	2000	PASS
n41	30	50	518598	1@1	DFT_QAM256	16.82	-3.6	13.22	20.99	2000	PASS
n41	30	50	518598	1@131	DFT_QAM256	16.76	-3.6	13.16	20.7	2000	PASS
n41	30	50	518598	133@0	CP_QPSK	18.77	-3.6	15.17	32.89	2000	PASS
n41	30	50	518598	67@33	CP_QPSK	20.46	-3.6	16.86	48.53	2000	PASS
n41	30	50	518598	1@1	CP_QPSK	20.25	-3.6	16.65	46.24	2000	PASS
n41	30	50	518598	1@131	CP_QPSK	20.13	-3.6	16.53	44.98	2000	PASS
n41	30	50	518598	133@0	CP_QAM16	18.78	-3.6	15.18	32.96	2000	PASS
n41	30	50	518598	67@33	CP_QAM16	19.92	-3.6	16.32	42.85	2000	PASS
n41	30	50	518598	1@1	CP_QAM16	19.61	-3.6	16.01	39.9	2000	PASS
n41	30	50	518598	1@131	CP_QAM16	19.54	-3.6	15.94	39.26	2000	PASS
n41	30	50	518598	133@0	CP_QAM64	18.3	-3.6	14.7	29.51	2000	PASS
n41	30	50	518598	67@33	CP_QAM64	18.44	-3.6	14.84	30.48	2000	PASS

n41	30	50	518598	1@1	CP_QAM64	18.31	-3.6	14.71	29.58	2000	PASS
n41	30	50	518598	1@131	CP_QAM64	18.27	-3.6	14.67	29.31	2000	PASS
n41	30	50	518598	133@0	CP_QAM256	15.26	-3.6	11.66	14.66	2000	PASS
n41	30	50	518598	67@33	CP_QAM256	15.34	-3.6	11.74	14.93	2000	PASS
n41	30	50	518598	1@1	CP_QAM256	14.88	-3.6	11.28	13.43	2000	PASS
n41	30	50	518598	1@131	CP_QAM256	14.77	-3.6	11.17	13.09	2000	PASS
n41	30	50	532998	128@0	DFT_BPSK	21.86	-3.6	18.26	66.99	2000	PASS
n41	30	50	532998	64@32	DFT_BPSK	22.17	-3.6	18.57	71.94	2000	PASS
n41	30	50	532998	1@1	DFT_BPSK	21.73	-3.6	18.13	65.01	2000	PASS
n41	30	50	532998	1@131	DFT_BPSK	21.87	-3.6	18.27	67.14	2000	PASS
n41	30	50	532998	128@0	DFT_QPSK	20.99	-3.6	17.39	54.83	2000	PASS
n41	30	50	532998	64@32	DFT_QPSK	22.15	-3.6	18.55	71.61	2000	PASS
n41	30	50	532998	1@1	DFT_QPSK	21.74	-3.6	18.14	65.16	2000	PASS
n41	30	50	532998	1@131	DFT_QPSK	21.97	-3.6	18.37	68.71	2000	PASS
n41	30	50	532998	128@0	DFT_QAM16	20.01	-3.6	16.41	43.75	2000	PASS
n41	30	50	532998	64@32	DFT_QAM16	21.12	-3.6	17.52	56.49	2000	PASS
n41	30	50	532998	1@1	DFT_QAM16	20.7	-3.6	17.1	51.29	2000	PASS
n41	30	50	532998	1@131	DFT_QAM16	20.96	-3.6	17.36	54.45	2000	PASS
n41	30	50	532998	128@0	DFT_QAM64	19.52	-3.6	15.92	39.08	2000	PASS
n41	30	50	532998	64@32	DFT_QAM64	19.62	-3.6	16.02	39.99	2000	PASS
n41	30	50	532998	1@1	DFT_QAM64	19.04	-3.6	15.44	34.99	2000	PASS
n41	30	50	532998	1@131	DFT_QAM64	19.27	-3.6	15.67	36.9	2000	PASS
n41	30	50	532998	128@0	DFT_QAM256	16.24	-3.6	12.64	18.37	2000	PASS
n41	30	50	532998	64@32	DFT_QAM256	16.55	-3.6	12.95	19.72	2000	PASS
n41	30	50	532998	1@1	DFT_QAM256	16.24	-3.6	12.64	18.37	2000	PASS
n41	30	50	532998	1@131	DFT_QAM256	15.36	-3.6	11.76	15	2000	PASS
n41	30	50	532998	133@0	CP_QPSK	20.13	-3.6	16.53	44.98	2000	PASS
n41	30	50	532998	67@33	CP_QPSK	20.64	-3.6	17.04	50.58	2000	PASS
n41	30	50	532998	1@1	CP_QPSK	20.21	-3.6	16.61	45.81	2000	PASS
n41	30	50	532998	1@131	CP_QPSK	20.42	-3.6	16.82	48.08	2000	PASS
n41	30	50	532998	133@0	CP_QAM16	18.97	-3.6	15.37	34.43	2000	PASS
n41	30	50	532998	67@33	CP_QAM16	20.11	-3.6	16.51	44.77	2000	PASS
n41	30	50	532998	1@1	CP_QAM16	19.6	-3.6	16	39.81	2000	PASS
n41	30	50	532998	1@131	CP_QAM16	19.81	-3.6	16.21	41.78	2000	PASS
n41	30	50	532998	133@0	CP_QAM64	18.44	-3.6	14.84	30.48	2000	PASS
n41	30	50	532998	67@33	CP_QAM64	18.6	-3.6	15	31.62	2000	PASS
n41	30	50	532998	1@1	CP_QAM64	18.38	-3.6	14.78	30.06	2000	PASS
n41	30	50	532998	1@131	CP_QAM64	18.54	-3.6	14.94	31.19	2000	PASS
n41	30	50	532998	133@0	CP_QAM256	15.48	-3.6	11.88	15.42	2000	PASS
n41	30	50	532998	67@33	CP_QAM256	15.56	-3.6	11.96	15.7	2000	PASS
n41	30	50	532998	1@1	CP_QAM256	14.86	-3.6	11.26	13.37	2000	PASS

n41	30	50	532998	1@131	CP_QAM256	15.09	-3.6	11.49	14.09	2000	PASS
n41	30	60	505200	162@0	DFT_BPSK	21.72	-3.6	18.12	64.86	2000	PASS
n41	30	60	505200	81@40	DFT_BPSK	22.04	-3.6	18.44	69.82	2000	PASS
n41	30	60	505200	1@1	DFT_BPSK	21.7	-3.6	18.1	64.57	2000	PASS
n41	30	60	505200	1@160	DFT_BPSK	21.57	-3.6	17.97	62.66	2000	PASS
n41	30	60	505200	162@0	DFT_QPSK	20.94	-3.6	17.34	54.2	2000	PASS
n41	30	60	505200	81@40	DFT_QPSK	22.05	-3.6	18.45	69.98	2000	PASS
n41	30	60	505200	1@1	DFT_QPSK	21.79	-3.6	18.19	65.92	2000	PASS
n41	30	60	505200	1@160	DFT_QPSK	21.64	-3.6	18.04	63.68	2000	PASS
n41	30	60	505200	162@0	DFT_QAM16	19.92	-3.6	16.32	42.85	2000	PASS
n41	30	60	505200	81@40	DFT_QAM16	21.05	-3.6	17.45	55.59	2000	PASS
n41	30	60	505200	1@1	DFT_QAM16	20.75	-3.6	17.15	51.88	2000	PASS
n41	30	60	505200	1@160	DFT_QAM16	20.62	-3.6	17.02	50.35	2000	PASS
n41	30	60	505200	162@0	DFT_QAM64	19.43	-3.6	15.83	38.28	2000	PASS
n41	30	60	505200	81@40	DFT_QAM64	19.53	-3.6	15.93	39.17	2000	PASS
n41	30	60	505200	1@1	DFT_QAM64	19.13	-3.6	15.53	35.73	2000	PASS
n41	30	60	505200	1@160	DFT_QAM64	19.01	-3.6	15.41	34.75	2000	PASS
n41	30	60	505200	162@0	DFT_QAM256	16.23	-3.6	12.63	18.32	2000	PASS
n41	30	60	505200	81@40	DFT_QAM256	16.11	-3.6	12.51	17.82	2000	PASS
n41	30	60	505200	1@1	DFT_QAM256	15.96	-3.6	12.36	17.22	2000	PASS
n41	30	60	505200	1@160	DFT_QAM256	15	-3.6	11.4	13.8	2000	PASS
n41	30	60	505200	162@0	CP_QPSK	20.11	-3.6	16.51	44.77	2000	PASS
n41	30	60	505200	81@40	CP_QPSK	20.48	-3.6	16.88	48.75	2000	PASS
n41	30	60	505200	1@1	CP_QPSK	20.22	-3.6	16.62	45.92	2000	PASS
n41	30	60	505200	1@160	CP_QPSK	20.06	-3.6	16.46	44.26	2000	PASS
n41	30	60	505200	162@0	CP_QAM16	18.86	-3.6	15.26	33.57	2000	PASS
n41	30	60	505200	81@40	CP_QAM16	20.05	-3.6	16.45	44.16	2000	PASS
n41	30	60	505200	1@1	CP_QAM16	19.63	-3.6	16.03	40.09	2000	PASS
n41	30	60	505200	1@160	CP_QAM16	19.47	-3.6	15.87	38.64	2000	PASS
n41	30	60	505200	162@0	CP_QAM64	18.38	-3.6	14.78	30.06	2000	PASS
n41	30	60	505200	81@40	CP_QAM64	18.51	-3.6	14.91	30.97	2000	PASS
n41	30	60	505200	1@1	CP_QAM64	18.36	-3.6	14.76	29.92	2000	PASS
n41	30	60	505200	1@160	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n41	30	60	505200	162@0	CP_QAM256	15.37	-3.6	11.77	15.03	2000	PASS
n41	30	60	505200	81@40	CP_QAM256	15.45	-3.6	11.85	15.31	2000	PASS
n41	30	60	505200	1@1	CP_QAM256	14.88	-3.6	11.28	13.43	2000	PASS
n41	30	60	505200	1@160	CP_QAM256	14.73	-3.6	11.13	12.97	2000	PASS
n41	30	60	518598	162@0	DFT_BPSK	21.53	-3.6	17.93	62.09	2000	PASS
n41	30	60	518598	81@40	DFT_BPSK	21.96	-3.6	18.36	68.55	2000	PASS
n41	30	60	518598	1@1	DFT_BPSK	21.6	-3.6	18	63.1	2000	PASS
n41	30	60	518598	1@160	DFT_BPSK	21.55	-3.6	17.95	62.37	2000	PASS

n41	30	60	518598	162@0	DFT_QPSK	20.79	-3.6	17.19	52.36	2000	PASS
n41	30	60	518598	81@40	DFT_QPSK	21.96	-3.6	18.36	68.55	2000	PASS
n41	30	60	518598	1@1	DFT_QPSK	21.64	-3.6	18.04	63.68	2000	PASS
n41	30	60	518598	1@160	DFT_QPSK	21.54	-3.6	17.94	62.23	2000	PASS
n41	30	60	518598	162@0	DFT_QAM16	19.76	-3.6	16.16	41.3	2000	PASS
n41	30	60	518598	81@40	DFT_QAM16	20.96	-3.6	17.36	54.45	2000	PASS
n41	30	60	518598	1@1	DFT_QAM16	20.53	-3.6	16.93	49.32	2000	PASS
n41	30	60	518598	1@160	DFT_QAM16	20.49	-3.6	16.89	48.87	2000	PASS
n41	30	60	518598	162@0	DFT_QAM64	19.27	-3.6	15.67	36.9	2000	PASS
n41	30	60	518598	81@40	DFT_QAM64	19.37	-3.6	15.77	37.76	2000	PASS
n41	30	60	518598	1@1	DFT_QAM64	19.01	-3.6	15.41	34.75	2000	PASS
n41	30	60	518598	1@160	DFT_QAM64	18.89	-3.6	15.29	33.81	2000	PASS
n41	30	60	518598	162@0	DFT_QAM256	17.25	-3.6	13.65	23.17	2000	PASS
n41	30	60	518598	81@40	DFT_QAM256	17.38	-3.6	13.78	23.88	2000	PASS
n41	30	60	518598	1@1	DFT_QAM256	16.87	-3.6	13.27	21.23	2000	PASS
n41	30	60	518598	1@160	DFT_QAM256	16.82	-3.6	13.22	20.99	2000	PASS
n41	30	60	518598	162@0	CP_QPSK	19.36	-3.6	15.76	37.67	2000	PASS
n41	30	60	518598	81@40	CP_QPSK	19.92	-3.6	16.32	42.85	2000	PASS
n41	30	60	518598	1@1	CP_QPSK	19.85	-3.6	16.25	42.17	2000	PASS
n41	30	60	518598	1@160	CP_QPSK	19.43	-3.6	15.83	38.28	2000	PASS
n41	30	60	518598	162@0	CP_QAM16	19.62	-3.6	16.02	39.99	2000	PASS
n41	30	60	518598	81@40	CP_QAM16	19.91	-3.6	16.31	42.76	2000	PASS
n41	30	60	518598	1@1	CP_QAM16	19.63	-3.6	16.03	40.09	2000	PASS
n41	30	60	518598	1@160	CP_QAM16	19.58	-3.6	15.98	39.63	2000	PASS
n41	30	60	518598	162@0	CP_QAM64	18.19	-3.6	14.59	28.77	2000	PASS
n41	30	60	518598	81@40	CP_QAM64	18.39	-3.6	14.79	30.13	2000	PASS
n41	30	60	518598	1@1	CP_QAM64	18.24	-3.6	14.64	29.11	2000	PASS
n41	30	60	518598	1@160	CP_QAM64	18.2	-3.6	14.6	28.84	2000	PASS
n41	30	60	518598	162@0	CP_QAM256	15.18	-3.6	11.58	14.39	2000	PASS
n41	30	60	518598	81@40	CP_QAM256	15.35	-3.6	11.75	14.96	2000	PASS
n41	30	60	518598	1@1	CP_QAM256	14.75	-3.6	11.15	13.03	2000	PASS
n41	30	60	518598	1@160	CP_QAM256	14.71	-3.6	11.11	12.91	2000	PASS
n41	30	60	531996	162@0	DFT_BPSK	21.69	-3.6	18.09	64.42	2000	PASS
n41	30	60	531996	81@40	DFT_BPSK	22.08	-3.6	18.48	70.47	2000	PASS
n41	30	60	531996	1@1	DFT_BPSK	21.53	-3.6	17.93	62.09	2000	PASS
n41	30	60	531996	1@160	DFT_BPSK	21.7	-3.6	18.1	64.57	2000	PASS
n41	30	60	531996	162@0	DFT_QPSK	20.95	-3.6	17.35	54.33	2000	PASS
n41	30	60	531996	81@40	DFT_QPSK	22.08	-3.6	18.48	70.47	2000	PASS
n41	30	60	531996	1@1	DFT_QPSK	21.57	-3.6	17.97	62.66	2000	PASS
n41	30	60	531996	1@160	DFT_QPSK	21.79	-3.6	18.19	65.92	2000	PASS
n41	30	60	531996	162@0	DFT_QAM16	19.94	-3.6	16.34	43.05	2000	PASS

n41	30	60	531996	81@40	DFT_QAM16	21.04	-3.6	17.44	55.46	2000	PASS
n41	30	60	531996	1@1	DFT_QAM16	20.53	-3.6	16.93	49.32	2000	PASS
n41	30	60	531996	1@160	DFT_QAM16	20.77	-3.6	17.17	52.12	2000	PASS
n41	30	60	531996	162@0	DFT_QAM64	19.4	-3.6	15.8	38.02	2000	PASS
n41	30	60	531996	81@40	DFT_QAM64	19.51	-3.6	15.91	38.99	2000	PASS
n41	30	60	531996	1@1	DFT_QAM64	18.88	-3.6	15.28	33.73	2000	PASS
n41	30	60	531996	1@160	DFT_QAM64	19.11	-3.6	15.51	35.56	2000	PASS
n41	30	60	531996	162@0	DFT_QAM256	15.13	-3.6	11.53	14.22	2000	PASS
n41	30	60	531996	81@40	DFT_QAM256	15.63	-3.6	12.03	15.96	2000	PASS
n41	30	60	531996	1@1	DFT_QAM256	15.44	-3.6	11.84	15.28	2000	PASS
n41	30	60	531996	1@160	DFT_QAM256	15.03	-3.6	11.43	13.9	2000	PASS
n41	30	60	531996	162@0	CP_QPSK	20.18	-3.6	16.58	45.5	2000	PASS
n41	30	60	531996	81@40	CP_QPSK	20.51	-3.6	16.91	49.09	2000	PASS
n41	30	60	531996	1@1	CP_QPSK	20.02	-3.6	16.42	43.85	2000	PASS
n41	30	60	531996	1@160	CP_QPSK	20.21	-3.6	16.61	45.81	2000	PASS
n41	30	60	531996	162@0	CP_QAM16	18.85	-3.6	15.25	33.5	2000	PASS
n41	30	60	531996	81@40	CP_QAM16	20.04	-3.6	16.44	44.06	2000	PASS
n41	30	60	531996	1@1	CP_QAM16	19.41	-3.6	15.81	38.11	2000	PASS
n41	30	60	531996	1@160	CP_QAM16	19.56	-3.6	15.96	39.45	2000	PASS
n41	30	60	531996	162@0	CP_QAM64	18.37	-3.6	14.77	29.99	2000	PASS
n41	30	60	531996	81@40	CP_QAM64	18.53	-3.6	14.93	31.12	2000	PASS
n41	30	60	531996	1@1	CP_QAM64	18.13	-3.6	14.53	28.38	2000	PASS
n41	30	60	531996	1@160	CP_QAM64	18.34	-3.6	14.74	29.79	2000	PASS
n41	30	60	531996	162@0	CP_QAM256	15.29	-3.6	11.69	14.76	2000	PASS
n41	30	60	531996	81@40	CP_QAM256	15.42	-3.6	11.82	15.21	2000	PASS
n41	30	60	531996	1@1	CP_QAM256	14.66	-3.6	11.06	12.76	2000	PASS
n41	30	60	531996	1@160	CP_QAM256	14.93	-3.6	11.33	13.58	2000	PASS
n41	30	80	507204	216@0	DFT_BPSK	21.67	-3.6	18.07	64.12	2000	PASS
n41	30	80	507204	108@54	DFT_BPSK	22.04	-3.6	18.44	69.82	2000	PASS
n41	30	80	507204	1@1	DFT_BPSK	21.53	-3.6	17.93	62.09	2000	PASS
n41	30	80	507204	1@215	DFT_BPSK	21.33	-3.6	17.73	59.29	2000	PASS
n41	30	80	507204	216@0	DFT_QPSK	20.89	-3.6	17.29	53.58	2000	PASS
n41	30	80	507204	108@54	DFT_QPSK	22.04	-3.6	18.44	69.82	2000	PASS
n41	30	80	507204	1@1	DFT_QPSK	21.53	-3.6	17.93	62.09	2000	PASS
n41	30	80	507204	1@215	DFT_QPSK	21.38	-3.6	17.78	59.98	2000	PASS
n41	30	80	507204	216@0	DFT_QAM16	19.9	-3.6	16.3	42.66	2000	PASS
n41	30	80	507204	108@54	DFT_QAM16	20.98	-3.6	17.38	54.7	2000	PASS
n41	30	80	507204	1@1	DFT_QAM16	20.49	-3.6	16.89	48.87	2000	PASS
n41	30	80	507204	1@215	DFT_QAM16	20.34	-3.6	16.74	47.21	2000	PASS
n41	30	80	507204	216@0	DFT_QAM64	19.39	-3.6	15.79	37.93	2000	PASS
n41	30	80	507204	108@54	DFT_QAM64	19.51	-3.6	15.91	38.99	2000	PASS

n41	30	80	507204	1@1	DFT_QAM64	18.83	-3.6	15.23	33.34	2000	PASS
n41	30	80	507204	1@215	DFT_QAM64	18.68	-3.6	15.08	32.21	2000	PASS
n41	30	80	507204	216@0	DFT_QAM256	15.36	-3.6	11.76	15	2000	PASS
n41	30	80	507204	108@54	DFT_QAM256	15.44	-3.6	11.84	15.28	2000	PASS
n41	30	80	507204	1@1	DFT_QAM256	14.89	-3.6	11.29	13.46	2000	PASS
n41	30	80	507204	1@215	DFT_QAM256	15.03	-3.6	11.43	13.9	2000	PASS
n41	30	80	507204	217@0	CP_QPSK	19.69	-3.6	16.09	40.64	2000	PASS
n41	30	80	507204	109@54	CP_QPSK	19.99	-3.6	16.39	43.55	2000	PASS
n41	30	80	507204	1@1	CP_QPSK	19.45	-3.6	15.85	38.46	2000	PASS
n41	30	80	507204	1@215	CP_QPSK	19.58	-3.6	15.98	39.63	2000	PASS
n41	30	80	507204	217@0	CP_QAM16	19.54	-3.6	15.94	39.26	2000	PASS
n41	30	80	507204	109@54	CP_QAM16	19.99	-3.6	16.39	43.55	2000	PASS
n41	30	80	507204	1@1	CP_QAM16	19.5	-3.6	15.9	38.9	2000	PASS
n41	30	80	507204	1@215	CP_QAM16	19.26	-3.6	15.66	36.81	2000	PASS
n41	30	80	507204	217@0	CP_QAM64	18.34	-3.6	14.74	29.79	2000	PASS
n41	30	80	507204	109@54	CP_QAM64	18.49	-3.6	14.89	30.83	2000	PASS
n41	30	80	507204	1@1	CP_QAM64	18.18	-3.6	14.58	28.71	2000	PASS
n41	30	80	507204	1@215	CP_QAM64	17.94	-3.6	14.34	27.16	2000	PASS
n41	30	80	507204	217@0	CP_QAM256	15.27	-3.6	11.67	14.69	2000	PASS
n41	30	80	507204	109@54	CP_QAM256	15.43	-3.6	11.83	15.24	2000	PASS
n41	30	80	507204	1@1	CP_QAM256	14.57	-3.6	10.97	12.5	2000	PASS
n41	30	80	507204	1@215	CP_QAM256	14.44	-3.6	10.84	12.13	2000	PASS
n41	30	80	518598	216@0	DFT_BPSK	21.37	-3.6	17.77	59.84	2000	PASS
n41	30	80	518598	108@54	DFT_BPSK	21.88	-3.6	18.28	67.3	2000	PASS
n41	30	80	518598	1@1	DFT_BPSK	21.38	-3.6	17.78	59.98	2000	PASS
n41	30	80	518598	1@215	DFT_BPSK	21.51	-3.6	17.91	61.8	2000	PASS
n41	30	80	518598	216@0	DFT_QPSK	20.78	-3.6	17.18	52.24	2000	PASS
n41	30	80	518598	108@54	DFT_QPSK	21.92	-3.6	18.32	67.92	2000	PASS
n41	30	80	518598	1@1	DFT_QPSK	21.41	-3.6	17.81	60.39	2000	PASS
n41	30	80	518598	1@215	DFT_QPSK	21.54	-3.6	17.94	62.23	2000	PASS
n41	30	80	518598	216@0	DFT_QAM16	19.8	-3.6	16.2	41.69	2000	PASS
n41	30	80	518598	108@54	DFT_QAM16	20.92	-3.6	17.32	53.95	2000	PASS
n41	30	80	518598	1@1	DFT_QAM16	20.27	-3.6	16.67	46.45	2000	PASS
n41	30	80	518598	1@215	DFT_QAM16	20.33	-3.6	16.73	47.1	2000	PASS
n41	30	80	518598	216@0	DFT_QAM64	19.26	-3.6	15.66	36.81	2000	PASS
n41	30	80	518598	108@54	DFT_QAM64	19.35	-3.6	15.75	37.58	2000	PASS
n41	30	80	518598	1@1	DFT_QAM64	18.75	-3.6	15.15	32.73	2000	PASS
n41	30	80	518598	1@215	DFT_QAM64	18.84	-3.6	15.24	33.42	2000	PASS
n41	30	80	518598	216@0	DFT_QAM256	15.36	-3.6	11.76	15	2000	PASS
n41	30	80	518598	108@54	DFT_QAM256	15.21	-3.6	11.61	14.49	2000	PASS
n41	30	80	518598	1@1	DFT_QAM256	14.89	-3.6	11.29	13.46	2000	PASS

n41	30	80	518598	1@215	DFT_QAM256	14.77	-3.6	11.17	13.09	2000	PASS
n41	30	80	518598	217@0	CP_QPSK	20.37	-3.6	16.77	47.53	2000	PASS
n41	30	80	518598	109@54	CP_QPSK	20.44	-3.6	16.84	48.31	2000	PASS
n41	30	80	518598	1@1	CP_QPSK	19.88	-3.6	16.28	42.46	2000	PASS
n41	30	80	518598	1@215	CP_QPSK	20	-3.6	16.4	43.65	2000	PASS
n41	30	80	518598	217@0	CP_QAM16	18.69	-3.6	15.09	32.28	2000	PASS
n41	30	80	518598	109@54	CP_QAM16	19.86	-3.6	16.26	42.27	2000	PASS
n41	30	80	518598	1@1	CP_QAM16	19.29	-3.6	15.69	37.07	2000	PASS
n41	30	80	518598	1@215	CP_QAM16	19.43	-3.6	15.83	38.28	2000	PASS
n41	30	80	518598	217@0	CP_QAM64	18.23	-3.6	14.63	29.04	2000	PASS
n41	30	80	518598	109@54	CP_QAM64	18.36	-3.6	14.76	29.92	2000	PASS
n41	30	80	518598	1@1	CP_QAM64	18.04	-3.6	14.44	27.8	2000	PASS
n41	30	80	518598	1@215	CP_QAM64	18.19	-3.6	14.59	28.77	2000	PASS
n41	30	80	518598	217@0	CP_QAM256	15.18	-3.6	11.58	14.39	2000	PASS
n41	30	80	518598	109@54	CP_QAM256	15.31	-3.6	11.71	14.83	2000	PASS
n41	30	80	518598	1@1	CP_QAM256	14.47	-3.6	10.87	12.22	2000	PASS
n41	30	80	518598	1@215	CP_QAM256	14.56	-3.6	10.96	12.47	2000	PASS
n41	30	80	529998	216@0	DFT_BPSK	21.75	-3.6	18.15	65.31	2000	PASS
n41	30	80	529998	108@54	DFT_BPSK	22.11	-3.6	18.51	70.96	2000	PASS
n41	30	80	529998	1@1	DFT_BPSK	21.18	-3.6	17.58	57.28	2000	PASS
n41	30	80	529998	1@215	DFT_BPSK	21.62	-3.6	18.02	63.39	2000	PASS
n41	30	80	529998	216@0	DFT_QPSK	20.96	-3.6	17.36	54.45	2000	PASS
n41	30	80	529998	108@54	DFT_QPSK	22.11	-3.6	18.51	70.96	2000	PASS
n41	30	80	529998	1@1	DFT_QPSK	21.21	-3.6	17.61	57.68	2000	PASS
n41	30	80	529998	1@215	DFT_QPSK	21.69	-3.6	18.09	64.42	2000	PASS
n41	30	80	529998	216@0	DFT_QAM16	20	-3.6	16.4	43.65	2000	PASS
n41	30	80	529998	108@54	DFT_QAM16	21.09	-3.6	17.49	56.1	2000	PASS
n41	30	80	529998	1@1	DFT_QAM16	20.14	-3.6	16.54	45.08	2000	PASS
n41	30	80	529998	1@215	DFT_QAM16	20.65	-3.6	17.05	50.7	2000	PASS
n41	30	80	529998	216@0	DFT_QAM64	19.46	-3.6	15.86	38.55	2000	PASS
n41	30	80	529998	108@54	DFT_QAM64	19.62	-3.6	16.02	39.99	2000	PASS
n41	30	80	529998	1@1	DFT_QAM64	18.53	-3.6	14.93	31.12	2000	PASS
n41	30	80	529998	1@215	DFT_QAM64	19.07	-3.6	15.47	35.24	2000	PASS
n41	30	80	529998	216@0	DFT_QAM256	15.69	-3.6	12.09	16.18	2000	PASS
n41	30	80	529998	108@54	DFT_QAM256	15.33	-3.6	11.73	14.89	2000	PASS
n41	30	80	529998	1@1	DFT_QAM256	15.01	-3.6	11.41	13.84	2000	PASS
n41	30	80	529998	1@215	DFT_QAM256	14.72	-3.6	11.12	12.94	2000	PASS
n41	30	80	529998	217@0	CP_QPSK	18.88	-3.6	15.28	33.73	2000	PASS
n41	30	80	529998	109@54	CP_QPSK	20.54	-3.6	16.94	49.43	2000	PASS
n41	30	80	529998	1@1	CP_QPSK	19.68	-3.6	16.08	40.55	2000	PASS
n41	30	80	529998	1@215	CP_QPSK	20.12	-3.6	16.52	44.87	2000	PASS

n41	30	80	529998	217@0	CP_QAM16	18.84	-3.6	15.24	33.42	2000	PASS
n41	30	80	529998	109@54	CP_QAM16	20.06	-3.6	16.46	44.26	2000	PASS
n41	30	80	529998	1@1	CP_QAM16	19.07	-3.6	15.47	35.24	2000	PASS
n41	30	80	529998	1@215	CP_QAM16	19.6	-3.6	16	39.81	2000	PASS
n41	30	80	529998	217@0	CP_QAM64	18.38	-3.6	14.78	30.06	2000	PASS
n41	30	80	529998	109@54	CP_QAM64	18.54	-3.6	14.94	31.19	2000	PASS
n41	30	80	529998	1@1	CP_QAM64	17.83	-3.6	14.23	26.49	2000	PASS
n41	30	80	529998	1@215	CP_QAM64	18.36	-3.6	14.76	29.92	2000	PASS
n41	30	80	529998	217@0	CP_QAM256	15.33	-3.6	11.73	14.89	2000	PASS
n41	30	80	529998	109@54	CP_QAM256	15.54	-3.6	11.94	15.63	2000	PASS
n41	30	80	529998	1@1	CP_QAM256	14.25	-3.6	10.65	11.61	2000	PASS
n41	30	80	529998	1@215	CP_QAM256	14.79	-3.6	11.19	13.15	2000	PASS
n41	30	90	508200	240@0	DFT_BPSK	21.62	-3.6	18.02	63.39	2000	PASS
n41	30	90	508200	120@60	DFT_BPSK	22.04	-3.6	18.44	69.82	2000	PASS
n41	30	90	508200	1@1	DFT_BPSK	21.38	-3.6	17.78	59.98	2000	PASS
n41	30	90	508200	1@243	DFT_BPSK	21.16	-3.6	17.56	57.02	2000	PASS
n41	30	90	508200	240@0	DFT_QPSK	20.87	-3.6	17.27	53.33	2000	PASS
n41	30	90	508200	120@60	DFT_QPSK	22.04	-3.6	18.44	69.82	2000	PASS
n41	30	90	508200	1@1	DFT_QPSK	21.43	-3.6	17.83	60.67	2000	PASS
n41	30	90	508200	1@243	DFT_QPSK	21.24	-3.6	17.64	58.08	2000	PASS
n41	30	90	508200	240@0	DFT_QAM16	19.82	-3.6	16.22	41.88	2000	PASS
n41	30	90	508200	120@60	DFT_QAM16	21.06	-3.6	17.46	55.72	2000	PASS
n41	30	90	508200	1@1	DFT_QAM16	20.38	-3.6	16.78	47.64	2000	PASS
n41	30	90	508200	1@243	DFT_QAM16	20.24	-3.6	16.64	46.13	2000	PASS
n41	30	90	508200	240@0	DFT_QAM64	19.36	-3.6	15.76	37.67	2000	PASS
n41	30	90	508200	120@60	DFT_QAM64	19.5	-3.6	15.9	38.9	2000	PASS
n41	30	90	508200	1@1	DFT_QAM64	18.68	-3.6	15.08	32.21	2000	PASS
n41	30	90	508200	1@243	DFT_QAM64	18.52	-3.6	14.92	31.05	2000	PASS
n41	30	90	508200	240@0	DFT_QAM256	17.29	-3.6	13.69	23.39	2000	PASS
n41	30	90	508200	120@60	DFT_QAM256	17.48	-3.6	13.88	24.43	2000	PASS
n41	30	90	508200	1@1	DFT_QAM256	16.47	-3.6	12.87	19.36	2000	PASS
n41	30	90	508200	1@243	DFT_QAM256	16.27	-3.6	12.67	18.49	2000	PASS
n41	30	90	508200	245@0	CP_QPSK	19.93	-3.6	16.33	42.95	2000	PASS
n41	30	90	508200	123@61	CP_QPSK	19.77	-3.6	16.17	41.4	2000	PASS
n41	30	90	508200	1@1	CP_QPSK	19.55	-3.6	15.95	39.36	2000	PASS
n41	30	90	508200	1@243	CP_QPSK	19.67	-3.6	16.07	40.46	2000	PASS
n41	30	90	508200	245@0	CP_QAM16	18.8	-3.6	15.2	33.11	2000	PASS
n41	30	90	508200	123@61	CP_QAM16	20	-3.6	16.4	43.65	2000	PASS
n41	30	90	508200	1@1	CP_QAM16	19.3	-3.6	15.7	37.15	2000	PASS
n41	30	90	508200	1@243	CP_QAM16	19.03	-3.6	15.43	34.91	2000	PASS
n41	30	90	508200	245@0	CP_QAM64	18.3	-3.6	14.7	29.51	2000	PASS

n41	30	90	508200	123@61	CP_QAM64	18.49	-3.6	14.89	30.83	2000	PASS
n41	30	90	508200	1@1	CP_QAM64	17.98	-3.6	14.38	27.42	2000	PASS
n41	30	90	508200	1@243	CP_QAM64	17.74	-3.6	14.14	25.94	2000	PASS
n41	30	90	508200	245@0	CP_QAM256	15.24	-3.6	11.64	14.59	2000	PASS
n41	30	90	508200	123@61	CP_QAM256	15.43	-3.6	11.83	15.24	2000	PASS
n41	30	90	508200	1@1	CP_QAM256	14.5	-3.6	10.9	12.3	2000	PASS
n41	30	90	508200	1@243	CP_QAM256	14.24	-3.6	10.64	11.59	2000	PASS
n41	30	90	518598	240@0	DFT_BPSK	14.37	-3.6	10.77	11.94	2000	PASS
n41	30	90	518598	120@60	DFT_BPSK	21.93	-3.6	18.33	68.08	2000	PASS
n41	30	90	518598	1@1	DFT_BPSK	21.23	-3.6	17.63	57.94	2000	PASS
n41	30	90	518598	1@243	DFT_BPSK	21.31	-3.6	17.71	59.02	2000	PASS
n41	30	90	518598	240@0	DFT_QPSK	20.77	-3.6	17.17	52.12	2000	PASS
n41	30	90	518598	120@60	DFT_QPSK	21.92	-3.6	18.32	67.92	2000	PASS
n41	30	90	518598	1@1	DFT_QPSK	21.24	-3.6	17.64	58.08	2000	PASS
n41	30	90	518598	1@243	DFT_QPSK	21.34	-3.6	17.74	59.43	2000	PASS
n41	30	90	518598	240@0	DFT_QAM16	19.74	-3.6	16.14	41.11	2000	PASS
n41	30	90	518598	120@60	DFT_QAM16	20.88	-3.6	17.28	53.46	2000	PASS
n41	30	90	518598	1@1	DFT_QAM16	20.14	-3.6	16.54	45.08	2000	PASS
n41	30	90	518598	1@243	DFT_QAM16	20.29	-3.6	16.69	46.67	2000	PASS
n41	30	90	518598	240@0	DFT_QAM64	19.21	-3.6	15.61	36.39	2000	PASS
n41	30	90	518598	120@60	DFT_QAM64	19.35	-3.6	15.75	37.58	2000	PASS
n41	30	90	518598	1@1	DFT_QAM64	18.59	-3.6	14.99	31.55	2000	PASS
n41	30	90	518598	1@243	DFT_QAM64	18.7	-3.6	15.1	32.36	2000	PASS
n41	30	90	518598	240@0	DFT_QAM256	19.45	-3.6	15.85	38.46	2000	PASS
n41	30	90	518598	120@60	DFT_QAM256	19.96	-3.6	16.36	43.25	2000	PASS
n41	30	90	518598	1@1	DFT_QAM256	19.68	-3.6	16.08	40.55	2000	PASS
n41	30	90	518598	1@243	DFT_QAM256	19.77	-3.6	16.17	41.4	2000	PASS
n41	30	90	518598	245@0	CP_QPSK	19.86	-3.6	16.26	42.27	2000	PASS
n41	30	90	518598	123@61	CP_QPSK	20.35	-3.6	16.75	47.32	2000	PASS
n41	30	90	518598	1@1	CP_QPSK	19.76	-3.6	16.16	41.3	2000	PASS
n41	30	90	518598	1@243	CP_QPSK	19.91	-3.6	16.31	42.76	2000	PASS
n41	30	90	518598	245@0	CP_QAM16	18.73	-3.6	15.13	32.58	2000	PASS
n41	30	90	518598	123@61	CP_QAM16	19.85	-3.6	16.25	42.17	2000	PASS
n41	30	90	518598	1@1	CP_QAM16	19.22	-3.6	15.62	36.48	2000	PASS
n41	30	90	518598	1@243	CP_QAM16	19.28	-3.6	15.68	36.98	2000	PASS
n41	30	90	518598	245@0	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n41	30	90	518598	123@61	CP_QAM64	18.31	-3.6	14.71	29.58	2000	PASS
n41	30	90	518598	1@1	CP_QAM64	17.82	-3.6	14.22	26.42	2000	PASS
n41	30	90	518598	1@243	CP_QAM64	17.94	-3.6	14.34	27.16	2000	PASS
n41	30	90	518598	245@0	CP_QAM256	15.12	-3.6	11.52	14.19	2000	PASS
n41	30	90	518598	123@61	CP_QAM256	15.31	-3.6	11.71	14.83	2000	PASS

n41	30	90	518598	1@1	CP_QAM256	14.37	-3.6	10.77	11.94	2000	PASS
n41	30	90	518598	1@243	CP_QAM256	14.46	-3.6	10.86	12.19	2000	PASS
n41	30	90	528996	240@0	DFT_BPSK	21.36	-3.6	17.76	59.7	2000	PASS
n41	30	90	528996	120@60	DFT_BPSK	22	-3.6	18.4	69.18	2000	PASS
n41	30	90	528996	1@1	DFT_BPSK	21.05	-3.6	17.45	55.59	2000	PASS
n41	30	90	528996	1@243	DFT_BPSK	21.42	-3.6	17.82	60.53	2000	PASS
n41	30	90	528996	240@0	DFT_QPSK	20.8	-3.6	17.2	52.48	2000	PASS
n41	30	90	528996	120@60	DFT_QPSK	22.02	-3.6	18.42	69.5	2000	PASS
n41	30	90	528996	1@1	DFT_QPSK	21.11	-3.6	17.51	56.36	2000	PASS
n41	30	90	528996	1@243	DFT_QPSK	21.52	-3.6	17.92	61.94	2000	PASS
n41	30	90	528996	240@0	DFT_QAM16	19.83	-3.6	16.23	41.98	2000	PASS
n41	30	90	528996	120@60	DFT_QAM16	21.03	-3.6	17.43	55.34	2000	PASS
n41	30	90	528996	1@1	DFT_QAM16	20.13	-3.6	16.53	44.98	2000	PASS
n41	30	90	528996	1@243	DFT_QAM16	20.49	-3.6	16.89	48.87	2000	PASS
n41	30	90	528996	240@0	DFT_QAM64	19.3	-3.6	15.7	37.15	2000	PASS
n41	30	90	528996	120@60	DFT_QAM64	19.49	-3.6	15.89	38.82	2000	PASS
n41	30	90	528996	1@1	DFT_QAM64	18.5	-3.6	14.9	30.9	2000	PASS
n41	30	90	528996	1@243	DFT_QAM64	18.83	-3.6	15.23	33.34	2000	PASS
n41	30	90	528996	240@0	DFT_QAM256	15.36	-3.6	11.76	15	2000	PASS
n41	30	90	528996	120@60	DFT_QAM256	15.22	-3.6	11.62	14.52	2000	PASS
n41	30	90	528996	1@1	DFT_QAM256	14.75	-3.6	11.15	13.03	2000	PASS
n41	30	90	528996	1@243	DFT_QAM256	14.86	-3.6	11.26	13.37	2000	PASS
n41	30	90	528996	245@0	CP_QPSK	19.82	-3.6	16.22	41.88	2000	PASS
n41	30	90	528996	123@61	CP_QPSK	20.49	-3.6	16.89	48.87	2000	PASS
n41	30	90	528996	1@1	CP_QPSK	19.52	-3.6	15.92	39.08	2000	PASS
n41	30	90	528996	1@243	CP_QPSK	19.97	-3.6	16.37	43.35	2000	PASS
n41	30	90	528996	245@0	CP_QAM16	18.8	-3.6	15.2	33.11	2000	PASS
n41	30	90	528996	123@61	CP_QAM16	19.96	-3.6	16.36	43.25	2000	PASS
n41	30	90	528996	1@1	CP_QAM16	18.95	-3.6	15.35	34.28	2000	PASS
n41	30	90	528996	1@243	CP_QAM16	19.41	-3.6	15.81	38.11	2000	PASS
n41	30	90	528996	245@0	CP_QAM64	18.33	-3.6	14.73	29.72	2000	PASS
n41	30	90	528996	123@61	CP_QAM64	18.5	-3.6	14.9	30.9	2000	PASS
n41	30	90	528996	1@1	CP_QAM64	17.7	-3.6	14.1	25.7	2000	PASS
n41	30	90	528996	1@243	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n41	30	90	528996	245@0	CP_QAM256	15.22	-3.6	11.62	14.52	2000	PASS
n41	30	90	528996	123@61	CP_QAM256	15.48	-3.6	11.88	15.42	2000	PASS
n41	30	90	528996	1@1	CP_QAM256	14.19	-3.6	10.59	11.46	2000	PASS
n41	30	90	528996	1@243	CP_QAM256	14.7	-3.6	11.1	12.88	2000	PASS
n41	30	100	509202	270@0	DFT_BPSK	21.57	-3.6	17.97	62.66	2000	PASS
n41	30	100	509202	135@67	DFT_BPSK	22.02	-3.6	18.42	69.5	2000	PASS
n41	30	100	509202	1@1	DFT_BPSK	21.22	-3.6	17.62	57.81	2000	PASS

n41	30	100	509202	1@271	DFT_BPSK	21.08	-3.6	17.48	55.98	2000	PASS
n41	30	100	509202	270@0	DFT_QPSK	20.79	-3.6	17.19	52.36	2000	PASS
n41	30	100	509202	135@67	DFT_QPSK	22.01	-3.6	18.41	69.34	2000	PASS
n41	30	100	509202	1@1	DFT_QPSK	21.28	-3.6	17.68	58.61	2000	PASS
n41	30	100	509202	1@271	DFT_QPSK	21.06	-3.6	17.46	55.72	2000	PASS
n41	30	100	509202	270@0	DFT_QAM16	19.79	-3.6	16.19	41.59	2000	PASS
n41	30	100	509202	135@67	DFT_QAM16	21.03	-3.6	17.43	55.34	2000	PASS
n41	30	100	509202	1@1	DFT_QAM16	20.22	-3.6	16.62	45.92	2000	PASS
n41	30	100	509202	1@271	DFT_QAM16	20.04	-3.6	16.44	44.06	2000	PASS
n41	30	100	509202	270@0	DFT_QAM64	19.3	-3.6	15.7	37.15	2000	PASS
n41	30	100	509202	135@67	DFT_QAM64	19.47	-3.6	15.87	38.64	2000	PASS
n41	30	100	509202	1@1	DFT_QAM64	18.6	-3.6	15	31.62	2000	PASS
n41	30	100	509202	1@271	DFT_QAM64	18.39	-3.6	14.79	30.13	2000	PASS
n41	30	100	509202	270@0	DFT_QAM256	15.32	-3.6	11.72	14.86	2000	PASS
n41	30	100	509202	135@67	DFT_QAM256	15.11	-3.6	11.51	14.16	2000	PASS
n41	30	100	509202	1@1	DFT_QAM256	14.68	-3.6	11.08	12.82	2000	PASS
n41	30	100	509202	1@271	DFT_QAM256	14.78	-3.6	11.18	13.12	2000	PASS
n41	30	100	509202	273@0	CP_QPSK	19.56	-3.6	15.96	39.45	2000	PASS
n41	30	100	509202	137@68	CP_QPSK	20.46	-3.6	16.86	48.53	2000	PASS
n41	30	100	509202	1@1	CP_QPSK	19.71	-3.6	16.11	40.83	2000	PASS
n41	30	100	509202	1@271	CP_QPSK	19.51	-3.6	15.91	38.99	2000	PASS
n41	30	100	509202	273@0	CP_QAM16	18.72	-3.6	15.12	32.51	2000	PASS
n41	30	100	509202	137@68	CP_QAM16	20	-3.6	16.4	43.65	2000	PASS
n41	30	100	509202	1@1	CP_QAM16	19.12	-3.6	15.52	35.65	2000	PASS
n41	30	100	509202	1@271	CP_QAM16	18.9	-3.6	15.3	33.88	2000	PASS
n41	30	100	509202	273@0	CP_QAM64	18.21	-3.6	14.61	28.91	2000	PASS
n41	30	100	509202	137@68	CP_QAM64	18.44	-3.6	14.84	30.48	2000	PASS
n41	30	100	509202	1@1	CP_QAM64	17.82	-3.6	14.22	26.42	2000	PASS
n41	30	100	509202	1@271	CP_QAM64	17.58	-3.6	13.98	25	2000	PASS
n41	30	100	509202	273@0	CP_QAM256	15.16	-3.6	11.56	14.32	2000	PASS
n41	30	100	509202	137@68	CP_QAM256	15.4	-3.6	11.8	15.14	2000	PASS
n41	30	100	509202	1@1	CP_QAM256	14.31	-3.6	10.71	11.78	2000	PASS
n41	30	100	509202	1@271	CP_QAM256	14.15	-3.6	10.55	11.35	2000	PASS
n41	30	100	518598	270@0	DFT_BPSK	21.13	-3.6	17.53	56.62	2000	PASS
n41	30	100	518598	135@67	DFT_BPSK	21.82	-3.6	18.22	66.37	2000	PASS
n41	30	100	518598	1@1	DFT_BPSK	21.08	-3.6	17.48	55.98	2000	PASS
n41	30	100	518598	1@271	DFT_BPSK	21.14	-3.6	17.54	56.75	2000	PASS
n41	30	100	518598	270@0	DFT_QPSK	20.67	-3.6	17.07	50.93	2000	PASS
n41	30	100	518598	135@67	DFT_QPSK	21.82	-3.6	18.22	66.37	2000	PASS
n41	30	100	518598	1@1	DFT_QPSK	21.12	-3.6	17.52	56.49	2000	PASS
n41	30	100	518598	1@271	DFT_QPSK	21.21	-3.6	17.61	57.68	2000	PASS

n41	30	100	518598	270@0	DFT_QAM16	19.72	-3.6	16.12	40.93	2000	PASS
n41	30	100	518598	135@67	DFT_QAM16	20.85	-3.6	17.25	53.09	2000	PASS
n41	30	100	518598	1@1	DFT_QAM16	20.08	-3.6	16.48	44.46	2000	PASS
n41	30	100	518598	1@271	DFT_QAM16	20.2	-3.6	16.6	45.71	2000	PASS
n41	30	100	518598	270@0	DFT_QAM64	19.18	-3.6	15.58	36.14	2000	PASS
n41	30	100	518598	135@67	DFT_QAM64	19.39	-3.6	15.79	37.93	2000	PASS
n41	30	100	518598	1@1	DFT_QAM64	18.4	-3.6	14.8	30.2	2000	PASS
n41	30	100	518598	1@271	DFT_QAM64	18.51	-3.6	14.91	30.97	2000	PASS
n41	30	100	518598	270@0	DFT_QAM256	15.11	-3.6	11.51	14.16	2000	PASS
n41	30	100	518598	135@67	DFT_QAM256	14.86	-3.6	11.26	13.37	2000	PASS
n41	30	100	518598	1@1	DFT_QAM256	14.69	-3.6	11.09	12.85	2000	PASS
n41	30	100	518598	1@271	DFT_QAM256	14.52	-3.6	10.92	12.36	2000	PASS
n41	30	100	518598	273@0	CP_QPSK	18.63	-3.6	15.03	31.84	2000	PASS
n41	30	100	518598	137@68	CP_QPSK	20.34	-3.6	16.74	47.21	2000	PASS
n41	30	100	518598	1@1	CP_QPSK	19.58	-3.6	15.98	39.63	2000	PASS
n41	30	100	518598	1@271	CP_QPSK	19.68	-3.6	16.08	40.55	2000	PASS
n41	30	100	518598	273@0	CP_QAM16	18.6	-3.6	15	31.62	2000	PASS
n41	30	100	518598	137@68	CP_QAM16	19.86	-3.6	16.26	42.27	2000	PASS
n41	30	100	518598	1@1	CP_QAM16	19.07	-3.6	15.47	35.24	2000	PASS
n41	30	100	518598	1@271	CP_QAM16	19.21	-3.6	15.61	36.39	2000	PASS
n41	30	100	518598	273@0	CP_QAM64	18.08	-3.6	14.48	28.05	2000	PASS
n41	30	100	518598	137@68	CP_QAM64	18.33	-3.6	14.73	29.72	2000	PASS
n41	30	100	518598	1@1	CP_QAM64	17.95	-3.6	14.35	27.23	2000	PASS
n41	30	100	518598	1@271	CP_QAM64	18.02	-3.6	14.42	27.67	2000	PASS
n41	30	100	518598	273@0	CP_QAM256	15.06	-3.6	11.46	14	2000	PASS
n41	30	100	518598	137@68	CP_QAM256	15.25	-3.6	11.65	14.62	2000	PASS
n41	30	100	518598	1@1	CP_QAM256	14.31	-3.6	10.71	11.78	2000	PASS
n41	30	100	518598	1@271	CP_QAM256	14.47	-3.6	10.87	12.22	2000	PASS
n41	30	100	528000	270@0	DFT_BPSK	20.68	-3.6	17.08	51.05	2000	PASS
n41	30	100	528000	135@67	DFT_BPSK	21.88	-3.6	18.28	67.3	2000	PASS
n41	30	100	528000	1@1	DFT_BPSK	21.65	-3.6	18.05	63.83	2000	PASS
n41	30	100	528000	1@271	DFT_BPSK	21.44	-3.6	17.84	60.81	2000	PASS
n41	30	100	528000	270@0	DFT_QPSK	20.8	-3.6	17.2	52.48	2000	PASS
n41	30	100	528000	135@67	DFT_QPSK	21.97	-3.6	18.37	68.71	2000	PASS
n41	30	100	528000	1@1	DFT_QPSK	21.01	-3.6	17.41	55.08	2000	PASS
n41	30	100	528000	1@271	DFT_QPSK	21.36	-3.6	17.76	59.7	2000	PASS
n41	30	100	528000	270@0	DFT_QAM16	19.79	-3.6	16.19	41.59	2000	PASS
n41	30	100	528000	135@67	DFT_QAM16	20.97	-3.6	17.37	54.58	2000	PASS
n41	30	100	528000	1@1	DFT_QAM16	20.05	-3.6	16.45	44.16	2000	PASS
n41	30	100	528000	1@271	DFT_QAM16	20.35	-3.6	16.75	47.32	2000	PASS
n41	30	100	528000	270@0	DFT_QAM64	19.27	-3.6	15.67	36.9	2000	PASS