

n41	30	40	534000	106@0	CP_QPSK	18.72	-3.6	15.12	32.51	2000	PASS
n41	30	40	534000	53@26	CP_QPSK	20.36	-3.6	16.76	47.42	2000	PASS
n41	30	40	534000	1@1	CP_QPSK	19.65	-3.6	16.05	40.27	2000	PASS
n41	30	40	534000	1@104	CP_QPSK	19.87	-3.6	16.27	42.36	2000	PASS
n41	30	40	534000	106@0	CP_QAM16	18.72	-3.6	15.12	32.51	2000	PASS
n41	30	40	534000	53@26	CP_QAM16	19.91	-3.6	16.31	42.76	2000	PASS
n41	30	40	534000	1@1	CP_QAM16	19.33	-3.6	15.73	37.41	2000	PASS
n41	30	40	534000	1@104	CP_QAM16	19.38	-3.6	15.78	37.84	2000	PASS
n41	30	40	534000	106@0	CP_QAM64	18.21	-3.6	14.61	28.91	2000	PASS
n41	30	40	534000	53@26	CP_QAM64	18.36	-3.6	14.76	29.92	2000	PASS
n41	30	40	534000	1@1	CP_QAM64	17.76	-3.6	14.16	26.06	2000	PASS
n41	30	40	534000	1@104	CP_QAM64	17.88	-3.6	14.28	26.79	2000	PASS
n41	30	40	534000	106@0	CP_QAM256	15.2	-3.6	11.6	14.45	2000	PASS
n41	30	40	534000	53@26	CP_QAM256	15.38	-3.6	11.78	15.07	2000	PASS
n41	30	40	534000	1@1	CP_QAM256	14.65	-3.6	11.05	12.74	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	21.4	-3.6	17.8	60.26	2000	PASS
n41	30	50	504204	64@32	DFT_BPSK	22	-3.6	18.4	69.18	2000	PASS
n41	30	50	504204	1@1	DFT_BPSK	21.76	-3.6	18.16	65.46	2000	PASS
n41	30	50	504204	1@131	DFT_BPSK	21.67	-3.6	18.07	64.12	2000	PASS
n41	30	50	504204	128@0	DFT_QPSK	20.91	-3.6	17.31	53.83	2000	PASS
n41	30	50	504204	64@32	DFT_QPSK	22	-3.6	18.4	69.18	2000	PASS
n41	30	50	504204	1@1	DFT_QPSK	21.79	-3.6	18.19	65.92	2000	PASS
n41	30	50	504204	1@131	DFT_QPSK	21.73	-3.6	18.13	65.01	2000	PASS
n41	30	50	504204	128@0	DFT_QAM16	19.87	-3.6	16.27	42.36	2000	PASS
n41	30	50	504204	64@32	DFT_QAM16	21	-3.6	17.4	54.95	2000	PASS
n41	30	50	504204	1@1	DFT_QAM16	21.04	-3.6	17.44	55.46	2000	PASS
n41	30	50	504204	1@131	DFT_QAM16	20.94	-3.6	17.34	54.2	2000	PASS
n41	30	50	504204	128@0	DFT_QAM64	19.39	-3.6	15.79	37.93	2000	PASS
n41	30	50	504204	64@32	DFT_QAM64	19.49	-3.6	15.89	38.82	2000	PASS
n41	30	50	504204	1@1	DFT_QAM64	19.08	-3.6	15.48	35.32	2000	PASS
n41	30	50	504204	1@131	DFT_QAM64	19.08	-3.6	15.48	35.32	2000	PASS
n41	30	50	504204	128@0	DFT_QAM256	17.02	-3.6	13.42	21.98	2000	PASS
n41	30	50	504204	64@32	DFT_QAM256	17.46	-3.6	13.86	24.32	2000	PASS
n41	30	50	504204	1@1	DFT_QAM256	17.95	-3.6	14.35	27.23	2000	PASS
n41	30	50	504204	1@131	DFT_QAM256	17.06	-3.6	13.46	22.18	2000	PASS
n41	30	50	504204	133@0	CP_QPSK	18.89	-3.6	15.29	33.81	2000	PASS
n41	30	50	504204	67@33	CP_QPSK	20.49	-3.6	16.89	48.87	2000	PASS
n41	30	50	504204	1@1	CP_QPSK	20.2	-3.6	16.6	45.71	2000	PASS
n41	30	50	504204	1@131	CP_QPSK	20.15	-3.6	16.55	45.19	2000	PASS
n41	30	50	504204	133@0	CP_QAM16	18.89	-3.6	15.29	33.81	2000	PASS

n41	30	50	504204	67@33	CP_QAM16	19.94	-3.6	16.34	43.05	2000	PASS
n41	30	50	504204	1@1	CP_QAM16	19.88	-3.6	16.28	42.46	2000	PASS
n41	30	50	504204	1@131	CP_QAM16	19.71	-3.6	16.11	40.83	2000	PASS
n41	30	50	504204	133@0	CP_QAM64	18.36	-3.6	14.76	29.92	2000	PASS
n41	30	50	504204	67@33	CP_QAM64	18.92	-3.6	15.32	34.04	2000	PASS
n41	30	50	504204	1@1	CP_QAM64	18.32	-3.6	14.72	29.65	2000	PASS
n41	30	50	504204	1@131	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n41	30	50	504204	133@0	CP_QAM256	15.37	-3.6	11.77	15.03	2000	PASS
n41	30	50	504204	67@33	CP_QAM256	15.43	-3.6	11.83	15.24	2000	PASS
n41	30	50	504204	1@1	CP_QAM256	15.2	-3.6	11.6	14.45	2000	PASS
n41	30	50	504204	1@131	CP_QAM256	15.04	-3.6	11.44	13.93	2000	PASS
n41	30	50	518598	128@0	DFT_BPSK	21.04	-3.6	17.44	55.46	2000	PASS
n41	30	50	518598	64@32	DFT_BPSK	21.69	-3.6	18.09	64.42	2000	PASS
n41	30	50	518598	1@1	DFT_BPSK	21.46	-3.6	17.86	61.09	2000	PASS
n41	30	50	518598	1@131	DFT_BPSK	21.49	-3.6	17.89	61.52	2000	PASS
n41	30	50	518598	128@0	DFT_QPSK	20.56	-3.6	16.96	49.66	2000	PASS
n41	30	50	518598	64@32	DFT_QPSK	21.73	-3.6	18.13	65.01	2000	PASS
n41	30	50	518598	1@1	DFT_QPSK	21.54	-3.6	17.94	62.23	2000	PASS
n41	30	50	518598	1@131	DFT_QPSK	21.56	-3.6	17.96	62.52	2000	PASS
n41	30	50	518598	128@0	DFT_QAM16	19.57	-3.6	15.97	39.54	2000	PASS
n41	30	50	518598	64@32	DFT_QAM16	20.71	-3.6	17.11	51.4	2000	PASS
n41	30	50	518598	1@1	DFT_QAM16	20.75	-3.6	17.15	51.88	2000	PASS
n41	30	50	518598	1@131	DFT_QAM16	20.75	-3.6	17.15	51.88	2000	PASS
n41	30	50	518598	128@0	DFT_QAM64	19.09	-3.6	15.49	35.4	2000	PASS
n41	30	50	518598	64@32	DFT_QAM64	19.18	-3.6	15.58	36.14	2000	PASS
n41	30	50	518598	1@1	DFT_QAM64	18.8	-3.6	15.2	33.11	2000	PASS
n41	30	50	518598	1@131	DFT_QAM64	18.83	-3.6	15.23	33.34	2000	PASS
n41	30	50	518598	128@0	DFT_QAM256	17.02	-3.6	13.42	21.98	2000	PASS
n41	30	50	518598	64@32	DFT_QAM256	16.96	-3.6	13.36	21.68	2000	PASS
n41	30	50	518598	1@1	DFT_QAM256	16.86	-3.6	13.26	21.18	2000	PASS
n41	30	50	518598	1@131	DFT_QAM256	16.14	-3.6	12.54	17.95	2000	PASS
n41	30	50	518598	133@0	CP_QPSK	19.99	-3.6	16.39	43.55	2000	PASS
n41	30	50	518598	67@33	CP_QPSK	20.21	-3.6	16.61	45.81	2000	PASS
n41	30	50	518598	1@1	CP_QPSK	20.01	-3.6	16.41	43.75	2000	PASS
n41	30	50	518598	1@131	CP_QPSK	20	-3.6	16.4	43.65	2000	PASS
n41	30	50	518598	133@0	CP_QAM16	19.94	-3.6	16.34	43.05	2000	PASS
n41	30	50	518598	67@33	CP_QAM16	19.7	-3.6	16.1	40.74	2000	PASS
n41	30	50	518598	1@1	CP_QAM16	19.51	-3.6	15.91	38.99	2000	PASS
n41	30	50	518598	1@131	CP_QAM16	19.64	-3.6	16.04	40.18	2000	PASS
n41	30	50	518598	133@0	CP_QAM64	18.04	-3.6	14.44	27.8	2000	PASS
n41	30	50	518598	67@33	CP_QAM64	18.16	-3.6	14.56	28.58	2000	PASS

n41	30	50	518598	1@1	CP_QAM64	17.97	-3.6	14.37	27.35	2000	PASS
n41	30	50	518598	1@131	CP_QAM64	17.96	-3.6	14.36	27.29	2000	PASS
n41	30	50	518598	133@0	CP_QAM256	15.03	-3.6	11.43	13.9	2000	PASS
n41	30	50	518598	67@33	CP_QAM256	15.15	-3.6	11.55	14.29	2000	PASS
n41	30	50	518598	1@1	CP_QAM256	14.94	-3.6	11.34	13.61	2000	PASS
n41	30	50	518598	1@131	CP_QAM256	14.93	-3.6	11.33	13.58	2000	PASS
n41	30	50	532998	128@0	DFT_BPSK	21.33	-3.6	17.73	59.29	2000	PASS
n41	30	50	532998	64@32	DFT_BPSK	21.98	-3.6	18.38	68.87	2000	PASS
n41	30	50	532998	1@1	DFT_BPSK	21.49	-3.6	17.89	61.52	2000	PASS
n41	30	50	532998	1@131	DFT_BPSK	21.58	-3.6	17.98	62.81	2000	PASS
n41	30	50	532998	128@0	DFT_QPSK	20.82	-3.6	17.22	52.72	2000	PASS
n41	30	50	532998	64@32	DFT_QPSK	22.01	-3.6	18.41	69.34	2000	PASS
n41	30	50	532998	1@1	DFT_QPSK	21.47	-3.6	17.87	61.24	2000	PASS
n41	30	50	532998	1@131	DFT_QPSK	21.53	-3.6	17.93	62.09	2000	PASS
n41	30	50	532998	128@0	DFT_QAM16	19.79	-3.6	16.19	41.59	2000	PASS
n41	30	50	532998	64@32	DFT_QAM16	21	-3.6	17.4	54.95	2000	PASS
n41	30	50	532998	1@1	DFT_QAM16	20.77	-3.6	17.17	52.12	2000	PASS
n41	30	50	532998	1@131	DFT_QAM16	21.03	-3.6	17.43	55.34	2000	PASS
n41	30	50	532998	128@0	DFT_QAM64	19.35	-3.6	15.75	37.58	2000	PASS
n41	30	50	532998	64@32	DFT_QAM64	19.5	-3.6	15.9	38.9	2000	PASS
n41	30	50	532998	1@1	DFT_QAM64	18.83	-3.6	15.23	33.34	2000	PASS
n41	30	50	532998	1@131	DFT_QAM64	19.03	-3.6	15.43	34.91	2000	PASS
n41	30	50	532998	128@0	DFT_QAM256	17.32	-3.6	13.72	23.55	2000	PASS
n41	30	50	532998	64@32	DFT_QAM256	16.94	-3.6	13.34	21.58	2000	PASS
n41	30	50	532998	1@1	DFT_QAM256	16.87	-3.6	13.27	21.23	2000	PASS
n41	30	50	532998	1@131	DFT_QAM256	16.26	-3.6	12.66	18.45	2000	PASS
n41	30	50	532998	133@0	CP_QPSK	18.81	-3.6	15.21	33.19	2000	PASS
n41	30	50	532998	67@33	CP_QPSK	20.48	-3.6	16.88	48.75	2000	PASS
n41	30	50	532998	1@1	CP_QPSK	19.98	-3.6	16.38	43.45	2000	PASS
n41	30	50	532998	1@131	CP_QPSK	20.16	-3.6	16.56	45.29	2000	PASS
n41	30	50	532998	133@0	CP_QAM16	18.78	-3.6	15.18	32.96	2000	PASS
n41	30	50	532998	67@33	CP_QAM16	19.94	-3.6	16.34	43.05	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	19.69	-3.6	16.09	40.64	2000	PASS
n41	30	50	532998	133@0	CP_QAM64	18.3	-3.6	14.7	29.51	2000	PASS
n41	30	50	532998	67@33	CP_QAM64	18.43	-3.6	14.83	30.41	2000	PASS
n41	30	50	532998	1@1	CP_QAM64	18.08	-3.6	14.48	28.05	2000	PASS
n41	30	50	532998	1@131	CP_QAM64	18.17	-3.6	14.57	28.64	2000	PASS
n41	30	50	532998	133@0	CP_QAM256	15.17	-3.6	11.57	14.35	2000	PASS
n41	30	50	532998	67@33	CP_QAM256	15.4	-3.6	11.8	15.14	2000	PASS
n41	30	50	532998	1@1	CP_QAM256	15.51	-3.6	11.91	15.52	2000	PASS

n41	30	50	532998	1@131	CP_QAM256	15.17	-3.6	11.57	14.35	2000	PASS
n41	30	60	505200	162@0	DFT_BPSK	21.42	-3.6	17.82	60.53	2000	PASS
n41	30	60	505200	81@40	DFT_BPSK	21.99	-3.6	18.39	69.02	2000	PASS
n41	30	60	505200	1@1	DFT_BPSK	21.6	-3.6	18	63.1	2000	PASS
n41	30	60	505200	1@160	DFT_BPSK	21.51	-3.6	17.91	61.8	2000	PASS
n41	30	60	505200	162@0	DFT_QPSK	20.89	-3.6	17.29	53.58	2000	PASS
n41	30	60	505200	81@40	DFT_QPSK	22.01	-3.6	18.41	69.34	2000	PASS
n41	30	60	505200	1@1	DFT_QPSK	21.61	-3.6	18.01	63.24	2000	PASS
n41	30	60	505200	1@160	DFT_QPSK	21.57	-3.6	17.97	62.66	2000	PASS
n41	30	60	505200	162@0	DFT_QAM16	19.87	-3.6	16.27	42.36	2000	PASS
n41	30	60	505200	81@40	DFT_QAM16	20.95	-3.6	17.35	54.33	2000	PASS
n41	30	60	505200	1@1	DFT_QAM16	20.8	-3.6	17.2	52.48	2000	PASS
n41	30	60	505200	1@160	DFT_QAM16	20.78	-3.6	17.18	52.24	2000	PASS
n41	30	60	505200	162@0	DFT_QAM64	19.34	-3.6	15.74	37.5	2000	PASS
n41	30	60	505200	81@40	DFT_QAM64	19.44	-3.6	15.84	38.37	2000	PASS
n41	30	60	505200	1@1	DFT_QAM64	18.33	-3.6	14.73	29.72	2000	PASS
n41	30	60	505200	1@160	DFT_QAM64	18.88	-3.6	15.28	33.73	2000	PASS
n41	30	60	505200	162@0	DFT_QAM256	17.35	-3.6	13.75	23.71	2000	PASS
n41	30	60	505200	81@40	DFT_QAM256	16.42	-3.6	12.82	19.14	2000	PASS
n41	30	60	505200	1@1	DFT_QAM256	16.99	-3.6	13.39	21.83	2000	PASS
n41	30	60	505200	1@160	DFT_QAM256	16.41	-3.6	12.81	19.1	2000	PASS
n41	30	60	505200	162@0	CP_QPSK	20.52	-3.6	16.92	49.2	2000	PASS
n41	30	60	505200	81@40	CP_QPSK	20.43	-3.6	16.83	48.19	2000	PASS
n41	30	60	505200	1@1	CP_QPSK	20.06	-3.6	16.46	44.26	2000	PASS
n41	30	60	505200	1@160	CP_QPSK	20.03	-3.6	16.43	43.95	2000	PASS
n41	30	60	505200	162@0	CP_QAM16	18.82	-3.6	15.22	33.27	2000	PASS
n41	30	60	505200	81@40	CP_QAM16	19.99	-3.6	16.39	43.55	2000	PASS
n41	30	60	505200	1@1	CP_QAM16	19.71	-3.6	16.11	40.83	2000	PASS
n41	30	60	505200	1@160	CP_QAM16	19.61	-3.6	16.01	39.9	2000	PASS
n41	30	60	505200	162@0	CP_QAM64	18.34	-3.6	14.74	29.79	2000	PASS
n41	30	60	505200	81@40	CP_QAM64	18.44	-3.6	14.84	30.48	2000	PASS
n41	30	60	505200	1@1	CP_QAM64	18.84	-3.6	15.24	33.42	2000	PASS
n41	30	60	505200	1@160	CP_QAM64	18.09	-3.6	14.49	28.12	2000	PASS
n41	30	60	505200	162@0	CP_QAM256	15.54	-3.6	11.94	15.63	2000	PASS
n41	30	60	505200	81@40	CP_QAM256	15.41	-3.6	11.81	15.17	2000	PASS
n41	30	60	505200	1@1	CP_QAM256	15.07	-3.6	11.47	14.03	2000	PASS
n41	30	60	505200	1@160	CP_QAM256	14.95	-3.6	11.35	13.65	2000	PASS
n41	30	60	518598	162@0	DFT_BPSK	21.08	-3.6	17.48	55.98	2000	PASS
n41	30	60	518598	81@40	DFT_BPSK	21.7	-3.6	18.1	64.57	2000	PASS
n41	30	60	518598	1@1	DFT_BPSK	21.4	-3.6	17.8	60.26	2000	PASS
n41	30	60	518598	1@160	DFT_BPSK	21.52	-3.6	17.92	61.94	2000	PASS

n41	30	60	518598	162@0	DFT_QPSK	20.52	-3.6	16.92	49.2	2000	PASS
n41	30	60	518598	81@40	DFT_QPSK	21.73	-3.6	18.13	65.01	2000	PASS
n41	30	60	518598	1@1	DFT_QPSK	21.49	-3.6	17.89	61.52	2000	PASS
n41	30	60	518598	1@160	DFT_QPSK	21.53	-3.6	17.93	62.09	2000	PASS
n41	30	60	518598	162@0	DFT_QAM16	19.55	-3.6	15.95	39.36	2000	PASS
n41	30	60	518598	81@40	DFT_QAM16	20.72	-3.6	17.12	51.52	2000	PASS
n41	30	60	518598	1@1	DFT_QAM16	20.66	-3.6	17.06	50.82	2000	PASS
n41	30	60	518598	1@160	DFT_QAM16	20.73	-3.6	17.13	51.64	2000	PASS
n41	30	60	518598	162@0	DFT_QAM64	19.01	-3.6	15.41	34.75	2000	PASS
n41	30	60	518598	81@40	DFT_QAM64	19.15	-3.6	15.55	35.89	2000	PASS
n41	30	60	518598	1@1	DFT_QAM64	18.72	-3.6	15.12	32.51	2000	PASS
n41	30	60	518598	1@160	DFT_QAM64	18.82	-3.6	15.22	33.27	2000	PASS
n41	30	60	518598	162@0	DFT_QAM256	17.03	-3.6	13.43	22.03	2000	PASS
n41	30	60	518598	81@40	DFT_QAM256	16.96	-3.6	13.36	21.68	2000	PASS
n41	30	60	518598	1@1	DFT_QAM256	16.79	-3.6	13.19	20.84	2000	PASS
n41	30	60	518598	1@160	DFT_QAM256	16.89	-3.6	13.29	21.33	2000	PASS
n41	30	60	518598	162@0	CP_QPSK	18.47	-3.6	14.87	30.69	2000	PASS
n41	30	60	518598	81@40	CP_QPSK	20.15	-3.6	16.55	45.19	2000	PASS
n41	30	60	518598	1@1	CP_QPSK	19.93	-3.6	16.33	42.95	2000	PASS
n41	30	60	518598	1@160	CP_QPSK	20	-3.6	16.4	43.65	2000	PASS
n41	30	60	518598	162@0	CP_QAM16	18.49	-3.6	14.89	30.83	2000	PASS
n41	30	60	518598	81@40	CP_QAM16	19.68	-3.6	16.08	40.55	2000	PASS
n41	30	60	518598	1@1	CP_QAM16	19.48	-3.6	15.88	38.73	2000	PASS
n41	30	60	518598	1@160	CP_QAM16	19.67	-3.6	16.07	40.46	2000	PASS
n41	30	60	518598	162@0	CP_QAM64	17.99	-3.6	14.39	27.48	2000	PASS
n41	30	60	518598	81@40	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n41	30	60	518598	1@1	CP_QAM64	17.93	-3.6	14.33	27.1	2000	PASS
n41	30	60	518598	1@160	CP_QAM64	18.09	-3.6	14.49	28.12	2000	PASS
n41	30	60	518598	162@0	CP_QAM256	15.01	-3.6	11.41	13.84	2000	PASS
n41	30	60	518598	81@40	CP_QAM256	15.21	-3.6	11.61	14.49	2000	PASS
n41	30	60	518598	1@1	CP_QAM256	14.83	-3.6	11.23	13.27	2000	PASS
n41	30	60	518598	1@160	CP_QAM256	14.97	-3.6	11.37	13.71	2000	PASS
n41	30	60	531996	162@0	DFT_BPSK	21.31	-3.6	17.71	59.02	2000	PASS
n41	30	60	531996	81@40	DFT_BPSK	21.94	-3.6	18.34	68.23	2000	PASS
n41	30	60	531996	1@1	DFT_BPSK	21.45	-3.6	17.85	60.95	2000	PASS
n41	30	60	531996	1@160	DFT_BPSK	21.51	-3.6	17.91	61.8	2000	PASS
n41	30	60	531996	162@0	DFT_QPSK	20.79	-3.6	17.19	52.36	2000	PASS
n41	30	60	531996	81@40	DFT_QPSK	21.95	-3.6	18.35	68.39	2000	PASS
n41	30	60	531996	1@1	DFT_QPSK	21.48	-3.6	17.88	61.38	2000	PASS
n41	30	60	531996	1@160	DFT_QPSK	21.68	-3.6	18.08	64.27	2000	PASS
n41	30	60	531996	162@0	DFT_QAM16	19.82	-3.6	16.22	41.88	2000	PASS

n41	30	60	531996	81@40	DFT_QAM16	20.94	-3.6	17.34	54.2	2000	PASS
n41	30	60	531996	1@1	DFT_QAM16	20.63	-3.6	17.03	50.47	2000	PASS
n41	30	60	531996	1@160	DFT_QAM16	20.92	-3.6	17.32	53.95	2000	PASS
n41	30	60	531996	162@0	DFT_QAM64	19.27	-3.6	15.67	36.9	2000	PASS
n41	30	60	531996	81@40	DFT_QAM64	19.41	-3.6	15.81	38.11	2000	PASS
n41	30	60	531996	1@1	DFT_QAM64	18.75	-3.6	15.15	32.73	2000	PASS
n41	30	60	531996	1@160	DFT_QAM64	18.31	-3.6	14.71	29.58	2000	PASS
n41	30	60	531996	162@0	DFT_QAM256	18.9	-3.6	15.3	33.88	2000	PASS
n41	30	60	531996	81@40	DFT_QAM256	16.95	-3.6	13.35	21.63	2000	PASS
n41	30	60	531996	1@1	DFT_QAM256	16.83	-3.6	13.23	21.04	2000	PASS
n41	30	60	531996	1@160	DFT_QAM256	16.29	-3.6	12.69	18.58	2000	PASS
n41	30	60	531996	162@0	CP_QPSK	18.75	-3.6	15.15	32.73	2000	PASS
n41	30	60	531996	81@40	CP_QPSK	20.4	-3.6	16.8	47.86	2000	PASS
n41	30	60	531996	1@1	CP_QPSK	19.93	-3.6	16.33	42.95	2000	PASS
n41	30	60	531996	1@160	CP_QPSK	20.08	-3.6	16.48	44.46	2000	PASS
n41	30	60	531996	162@0	CP_QAM16	18.76	-3.6	15.16	32.81	2000	PASS
n41	30	60	531996	81@40	CP_QAM16	19.92	-3.6	16.32	42.85	2000	PASS
n41	30	60	531996	1@1	CP_QAM16	19.59	-3.6	15.99	39.72	2000	PASS
n41	30	60	531996	1@160	CP_QAM16	19.57	-3.6	15.97	39.54	2000	PASS
n41	30	60	531996	162@0	CP_QAM64	18.55	-3.6	14.95	31.26	2000	PASS
n41	30	60	531996	81@40	CP_QAM64	18.4	-3.6	14.8	30.2	2000	PASS
n41	30	60	531996	1@1	CP_QAM64	18.04	-3.6	14.44	27.8	2000	PASS
n41	30	60	531996	1@160	CP_QAM64	18.31	-3.6	14.71	29.58	2000	PASS
n41	30	60	531996	162@0	CP_QAM256	15.24	-3.6	11.64	14.59	2000	PASS
n41	30	60	531996	81@40	CP_QAM256	15.36	-3.6	11.76	15	2000	PASS
n41	30	60	531996	1@1	CP_QAM256	14.9	-3.6	11.3	13.49	2000	PASS
n41	30	60	531996	1@160	CP_QAM256	15.12	-3.6	11.52	14.19	2000	PASS
n41	30	80	507204	216@0	DFT_BPSK	22.32	-3.6	18.72	74.47	2000	PASS
n41	30	80	507204	108@54	DFT_BPSK	22.98	-3.6	19.38	86.7	2000	PASS
n41	30	80	507204	1@1	DFT_BPSK	22.39	-3.6	18.79	75.68	2000	PASS
n41	30	80	507204	1@215	DFT_BPSK	22.1	-3.6	18.5	70.79	2000	PASS
n41	30	80	507204	216@0	DFT_QPSK	21.82	-3.6	18.22	66.37	2000	PASS
n41	30	80	507204	108@54	DFT_QPSK	23	-3.6	19.4	87.1	2000	PASS
n41	30	80	507204	1@1	DFT_QPSK	22.52	-3.6	18.92	77.98	2000	PASS
n41	30	80	507204	1@215	DFT_QPSK	22.45	-3.6	18.85	76.74	2000	PASS
n41	30	80	507204	216@0	DFT_QAM16	20.81	-3.6	17.21	52.6	2000	PASS
n41	30	80	507204	108@54	DFT_QAM16	22	-3.6	18.4	69.18	2000	PASS
n41	30	80	507204	1@1	DFT_QAM16	21.6	-3.6	18	63.1	2000	PASS
n41	30	80	507204	1@215	DFT_QAM16	21.46	-3.6	17.86	61.09	2000	PASS
n41	30	80	507204	216@0	DFT_QAM64	20.33	-3.6	16.73	47.1	2000	PASS
n41	30	80	507204	108@54	DFT_QAM64	20.46	-3.6	16.86	48.53	2000	PASS

n41	30	80	507204	1@1	DFT_QAM64	19.73	-3.6	16.13	41.02	2000	PASS
n41	30	80	507204	1@215	DFT_QAM64	19.54	-3.6	15.94	39.26	2000	PASS
n41	30	80	507204	216@0	DFT_QAM256	18.32	-3.6	14.72	29.65	2000	PASS
n41	30	80	507204	108@54	DFT_QAM256	17.19	-3.6	13.59	22.86	2000	PASS
n41	30	80	507204	1@1	DFT_QAM256	17.81	-3.6	14.21	26.36	2000	PASS
n41	30	80	507204	1@215	DFT_QAM256	17.58	-3.6	13.98	25	2000	PASS
n41	30	80	507204	217@0	CP_QPSK	19.77	-3.6	16.17	41.4	2000	PASS
n41	30	80	507204	109@54	CP_QPSK	21.46	-3.6	17.86	61.09	2000	PASS
n41	30	80	507204	1@1	CP_QPSK	20.89	-3.6	17.29	53.58	2000	PASS
n41	30	80	507204	1@215	CP_QPSK	20.61	-3.6	17.01	50.23	2000	PASS
n41	30	80	507204	217@0	CP_QAM16	19.78	-3.6	16.18	41.5	2000	PASS
n41	30	80	507204	109@54	CP_QAM16	20.94	-3.6	17.34	54.2	2000	PASS
n41	30	80	507204	1@1	CP_QAM16	20.54	-3.6	16.94	49.43	2000	PASS
n41	30	80	507204	1@215	CP_QAM16	20.2	-3.6	16.6	45.71	2000	PASS
n41	30	80	507204	217@0	CP_QAM64	19.27	-3.6	15.67	36.9	2000	PASS
n41	30	80	507204	109@54	CP_QAM64	19.42	-3.6	15.82	38.19	2000	PASS
n41	30	80	507204	1@1	CP_QAM64	18.37	-3.6	14.77	29.99	2000	PASS
n41	30	80	507204	1@215	CP_QAM64	18.59	-3.6	14.99	31.55	2000	PASS
n41	30	80	507204	217@0	CP_QAM256	16.02	-3.6	12.42	17.46	2000	PASS
n41	30	80	507204	109@54	CP_QAM256	16.33	-3.6	12.73	18.75	2000	PASS
n41	30	80	507204	1@1	CP_QAM256	15.84	-3.6	12.24	16.75	2000	PASS
n41	30	80	507204	1@215	CP_QAM256	15.57	-3.6	11.97	15.74	2000	PASS
n41	30	80	518598	216@0	DFT_BPSK	22.13	-3.6	18.53	71.29	2000	PASS
n41	30	80	518598	108@54	DFT_BPSK	22.71	-3.6	19.11	81.47	2000	PASS
n41	30	80	518598	1@1	DFT_BPSK	22.21	-3.6	18.61	72.61	2000	PASS
n41	30	80	518598	1@215	DFT_BPSK	22.44	-3.6	18.84	76.56	2000	PASS
n41	30	80	518598	216@0	DFT_QPSK	21.65	-3.6	18.05	63.83	2000	PASS
n41	30	80	518598	108@54	DFT_QPSK	22.76	-3.6	19.16	82.41	2000	PASS
n41	30	80	518598	1@1	DFT_QPSK	22.49	-3.6	18.89	77.45	2000	PASS
n41	30	80	518598	1@215	DFT_QPSK	22.66	-3.6	19.06	80.54	2000	PASS
n41	30	80	518598	216@0	DFT_QAM16	20.67	-3.6	17.07	50.93	2000	PASS
n41	30	80	518598	108@54	DFT_QAM16	21.75	-3.6	18.15	65.31	2000	PASS
n41	30	80	518598	1@1	DFT_QAM16	21.48	-3.6	17.88	61.38	2000	PASS
n41	30	80	518598	1@215	DFT_QAM16	21.68	-3.6	18.08	64.27	2000	PASS
n41	30	80	518598	216@0	DFT_QAM64	20.16	-3.6	16.56	45.29	2000	PASS
n41	30	80	518598	108@54	DFT_QAM64	20.24	-3.6	16.64	46.13	2000	PASS
n41	30	80	518598	1@1	DFT_QAM64	19.59	-3.6	15.99	39.72	2000	PASS
n41	30	80	518598	1@215	DFT_QAM64	19.8	-3.6	16.2	41.69	2000	PASS
n41	30	80	518598	216@0	DFT_QAM256	18.1	-3.6	14.5	28.18	2000	PASS
n41	30	80	518598	108@54	DFT_QAM256	18.16	-3.6	14.56	28.58	2000	PASS
n41	30	80	518598	1@1	DFT_QAM256	17.69	-3.6	14.09	25.64	2000	PASS

n41	30	80	518598	1@215	DFT_QAM256	17.92	-3.6	14.32	27.04	2000	PASS
n41	30	80	518598	217@0	CP_QPSK	19.58	-3.6	15.98	39.63	2000	PASS
n41	30	80	518598	109@54	CP_QPSK	21.21	-3.6	17.61	57.68	2000	PASS
n41	30	80	518598	1@1	CP_QPSK	20.75	-3.6	17.15	51.88	2000	PASS
n41	30	80	518598	1@215	CP_QPSK	20.98	-3.6	17.38	54.7	2000	PASS
n41	30	80	518598	217@0	CP_QAM16	19.62	-3.6	16.02	39.99	2000	PASS
n41	30	80	518598	109@54	CP_QAM16	20.69	-3.6	17.09	51.17	2000	PASS
n41	30	80	518598	1@1	CP_QAM16	20.34	-3.6	16.74	47.21	2000	PASS
n41	30	80	518598	1@215	CP_QAM16	20.63	-3.6	17.03	50.47	2000	PASS
n41	30	80	518598	217@0	CP_QAM64	19.08	-3.6	15.48	35.32	2000	PASS
n41	30	80	518598	109@54	CP_QAM64	19.18	-3.6	15.58	36.14	2000	PASS
n41	30	80	518598	1@1	CP_QAM64	18.77	-3.6	15.17	32.89	2000	PASS
n41	30	80	518598	1@215	CP_QAM64	18.96	-3.6	15.36	34.36	2000	PASS
n41	30	80	518598	217@0	CP_QAM256	16.05	-3.6	12.45	17.58	2000	PASS
n41	30	80	518598	109@54	CP_QAM256	16.08	-3.6	12.48	17.7	2000	PASS
n41	30	80	518598	1@1	CP_QAM256	15.71	-3.6	12.11	16.26	2000	PASS
n41	30	80	518598	1@215	CP_QAM256	16.03	-3.6	12.43	17.5	2000	PASS
n41	30	80	529998	216@0	DFT_BPSK	22.35	-3.6	18.75	74.99	2000	PASS
n41	30	80	529998	108@54	DFT_BPSK	22.95	-3.6	19.35	86.1	2000	PASS
n41	30	80	529998	1@1	DFT_BPSK	21.88	-3.6	18.28	67.3	2000	PASS
n41	30	80	529998	1@215	DFT_BPSK	22.35	-3.6	18.75	74.99	2000	PASS
n41	30	80	529998	216@0	DFT_QPSK	21.81	-3.6	18.21	66.22	2000	PASS
n41	30	80	529998	108@54	DFT_QPSK	23.03	-3.6	19.43	87.7	2000	PASS
n41	30	80	529998	1@1	DFT_QPSK	22.13	-3.6	18.53	71.29	2000	PASS
n41	30	80	529998	1@215	DFT_QPSK	22.94	-3.6	19.34	85.9	2000	PASS
n41	30	80	529998	216@0	DFT_QAM16	20.79	-3.6	17.19	52.36	2000	PASS
n41	30	80	529998	108@54	DFT_QAM16	22.03	-3.6	18.43	69.66	2000	PASS
n41	30	80	529998	1@1	DFT_QAM16	21.18	-3.6	17.58	57.28	2000	PASS
n41	30	80	529998	1@215	DFT_QAM16	21.76	-3.6	18.16	65.46	2000	PASS
n41	30	80	529998	216@0	DFT_QAM64	20.36	-3.6	16.76	47.42	2000	PASS
n41	30	80	529998	108@54	DFT_QAM64	20.52	-3.6	16.92	49.2	2000	PASS
n41	30	80	529998	1@1	DFT_QAM64	19.26	-3.6	15.66	36.81	2000	PASS
n41	30	80	529998	1@215	DFT_QAM64	19.81	-3.6	16.21	41.78	2000	PASS
n41	30	80	529998	216@0	DFT_QAM256	17.93	-3.6	14.33	27.1	2000	PASS
n41	30	80	529998	108@54	DFT_QAM256	18.42	-3.6	14.82	30.34	2000	PASS
n41	30	80	529998	1@1	DFT_QAM256	17.33	-3.6	13.73	23.6	2000	PASS
n41	30	80	529998	1@215	DFT_QAM256	17.91	-3.6	14.31	26.98	2000	PASS
n41	30	80	529998	217@0	CP_QPSK	19.78	-3.6	16.18	41.5	2000	PASS
n41	30	80	529998	109@54	CP_QPSK	21.47	-3.6	17.87	61.24	2000	PASS
n41	30	80	529998	1@1	CP_QPSK	20.42	-3.6	16.82	48.08	2000	PASS
n41	30	80	529998	1@215	CP_QPSK	20.9	-3.6	17.3	53.7	2000	PASS

n41	30	80	529998	217@0	CP_QAM16	19.84	-3.6	16.24	42.07	2000	PASS
n41	30	80	529998	109@54	CP_QAM16	20.92	-3.6	17.32	53.95	2000	PASS
n41	30	80	529998	1@1	CP_QAM16	20.03	-3.6	16.43	43.95	2000	PASS
n41	30	80	529998	1@215	CP_QAM16	20.57	-3.6	16.97	49.77	2000	PASS
n41	30	80	529998	217@0	CP_QAM64	19.28	-3.6	15.68	36.98	2000	PASS
n41	30	80	529998	109@54	CP_QAM64	19.46	-3.6	15.86	38.55	2000	PASS
n41	30	80	529998	1@1	CP_QAM64	18.41	-3.6	14.81	30.27	2000	PASS
n41	30	80	529998	1@215	CP_QAM64	18.86	-3.6	15.26	33.57	2000	PASS
n41	30	80	529998	217@0	CP_QAM256	16.24	-3.6	12.64	18.37	2000	PASS
n41	30	80	529998	109@54	CP_QAM256	16.4	-3.6	12.8	19.05	2000	PASS
n41	30	80	529998	1@1	CP_QAM256	15.36	-3.6	11.76	15	2000	PASS
n41	30	80	529998	1@215	CP_QAM256	15.86	-3.6	12.26	16.83	2000	PASS
n41	30	90	508200	240@0	DFT_BPSK	22.28	-3.6	18.68	73.79	2000	PASS
n41	30	90	508200	120@60	DFT_BPSK	22.96	-3.6	19.36	86.3	2000	PASS
n41	30	90	508200	1@1	DFT_BPSK	22.3	-3.6	18.7	74.13	2000	PASS
n41	30	90	508200	1@243	DFT_BPSK	22.02	-3.6	18.42	69.5	2000	PASS
n41	30	90	508200	240@0	DFT_QPSK	21.76	-3.6	18.16	65.46	2000	PASS
n41	30	90	508200	120@60	DFT_QPSK	22.94	-3.6	19.34	85.9	2000	PASS
n41	30	90	508200	1@1	DFT_QPSK	22.34	-3.6	18.74	74.82	2000	PASS
n41	30	90	508200	1@243	DFT_QPSK	22.22	-3.6	18.62	72.78	2000	PASS
n41	30	90	508200	240@0	DFT_QAM16	20.81	-3.6	17.21	52.6	2000	PASS
n41	30	90	508200	120@60	DFT_QAM16	21.98	-3.6	18.38	68.87	2000	PASS
n41	30	90	508200	1@1	DFT_QAM16	21.54	-3.6	17.94	62.23	2000	PASS
n41	30	90	508200	1@243	DFT_QAM16	21.44	-3.6	17.84	60.81	2000	PASS
n41	30	90	508200	240@0	DFT_QAM64	20.27	-3.6	16.67	46.45	2000	PASS
n41	30	90	508200	120@60	DFT_QAM64	20.41	-3.6	16.81	47.97	2000	PASS
n41	30	90	508200	1@1	DFT_QAM64	19.62	-3.6	16.02	39.99	2000	PASS
n41	30	90	508200	1@243	DFT_QAM64	19.37	-3.6	15.77	37.76	2000	PASS
n41	30	90	508200	240@0	DFT_QAM256	18.23	-3.6	14.63	29.04	2000	PASS
n41	30	90	508200	120@60	DFT_QAM256	18.38	-3.6	14.78	30.06	2000	PASS
n41	30	90	508200	1@1	DFT_QAM256	17.34	-3.6	13.74	23.66	2000	PASS
n41	30	90	508200	1@243	DFT_QAM256	17.47	-3.6	13.87	24.38	2000	PASS
n41	30	90	508200	245@0	CP_QPSK	19.76	-3.6	16.16	41.3	2000	PASS
n41	30	90	508200	123@61	CP_QPSK	21.43	-3.6	17.83	60.67	2000	PASS
n41	30	90	508200	1@1	CP_QPSK	20.76	-3.6	17.16	52	2000	PASS
n41	30	90	508200	1@243	CP_QPSK	20.56	-3.6	16.96	49.66	2000	PASS
n41	30	90	508200	245@0	CP_QAM16	19.74	-3.6	16.14	41.11	2000	PASS
n41	30	90	508200	123@61	CP_QAM16	20.91	-3.6	17.31	53.83	2000	PASS
n41	30	90	508200	1@1	CP_QAM16	20.43	-3.6	16.83	48.19	2000	PASS
n41	30	90	508200	1@243	CP_QAM16	20.15	-3.6	16.55	45.19	2000	PASS
n41	30	90	508200	245@0	CP_QAM64	19.27	-3.6	15.67	36.9	2000	PASS

n41	30	90	508200	123@61	CP_QAM64	19.45	-3.6	15.85	38.46	2000	PASS
n41	30	90	508200	1@1	CP_QAM64	18.62	-3.6	15.02	31.77	2000	PASS
n41	30	90	508200	1@243	CP_QAM64	18.37	-3.6	14.77	29.99	2000	PASS
n41	30	90	508200	245@0	CP_QAM256	16.21	-3.6	12.61	18.24	2000	PASS
n41	30	90	508200	123@61	CP_QAM256	16.34	-3.6	12.74	18.79	2000	PASS
n41	30	90	508200	1@1	CP_QAM256	15.75	-3.6	12.15	16.41	2000	PASS
n41	30	90	508200	1@243	CP_QAM256	15.52	-3.6	11.92	15.56	2000	PASS
n41	30	90	518598	240@0	DFT_BPSK	22.04	-3.6	18.44	69.82	2000	PASS
n41	30	90	518598	120@60	DFT_BPSK	22.69	-3.6	19.09	81.1	2000	PASS
n41	30	90	518598	1@1	DFT_BPSK	22.08	-3.6	18.48	70.47	2000	PASS
n41	30	90	518598	1@243	DFT_BPSK	22.28	-3.6	18.68	73.79	2000	PASS
n41	30	90	518598	240@0	DFT_QPSK	21.58	-3.6	17.98	62.81	2000	PASS
n41	30	90	518598	120@60	DFT_QPSK	22.72	-3.6	19.12	81.66	2000	PASS
n41	30	90	518598	1@1	DFT_QPSK	22.15	-3.6	18.55	71.61	2000	PASS
n41	30	90	518598	1@243	DFT_QPSK	22.31	-3.6	18.71	74.3	2000	PASS
n41	30	90	518598	240@0	DFT_QAM16	20.57	-3.6	16.97	49.77	2000	PASS
n41	30	90	518598	120@60	DFT_QAM16	21.75	-3.6	18.15	65.31	2000	PASS
n41	30	90	518598	1@1	DFT_QAM16	20.98	-3.6	17.38	54.7	2000	PASS
n41	30	90	518598	1@243	DFT_QAM16	21.21	-3.6	17.61	57.68	2000	PASS
n41	30	90	518598	240@0	DFT_QAM64	20.06	-3.6	16.46	44.26	2000	PASS
n41	30	90	518598	120@60	DFT_QAM64	20.18	-3.6	16.58	45.5	2000	PASS
n41	30	90	518598	1@1	DFT_QAM64	19.31	-3.6	15.71	37.24	2000	PASS
n41	30	90	518598	1@243	DFT_QAM64	19.52	-3.6	15.92	39.08	2000	PASS
n41	30	90	518598	240@0	DFT_QAM256	18.02	-3.6	14.42	27.67	2000	PASS
n41	30	90	518598	120@60	DFT_QAM256	18.15	-3.6	14.55	28.51	2000	PASS
n41	30	90	518598	1@1	DFT_QAM256	17.42	-3.6	13.82	24.1	2000	PASS
n41	30	90	518598	1@243	DFT_QAM256	17.61	-3.6	14.01	25.18	2000	PASS
n41	30	90	518598	245@0	CP_QPSK	19.55	-3.6	15.95	39.36	2000	PASS
n41	30	90	518598	123@61	CP_QPSK	21.17	-3.6	17.57	57.15	2000	PASS
n41	30	90	518598	1@1	CP_QPSK	20.6	-3.6	17	50.12	2000	PASS
n41	30	90	518598	1@243	CP_QPSK	20.81	-3.6	17.21	52.6	2000	PASS
n41	30	90	518598	245@0	CP_QAM16	19.53	-3.6	15.93	39.17	2000	PASS
n41	30	90	518598	123@61	CP_QAM16	20.68	-3.6	17.08	51.05	2000	PASS
n41	30	90	518598	1@1	CP_QAM16	20.31	-3.6	16.71	46.88	2000	PASS
n41	30	90	518598	1@243	CP_QAM16	20.52	-3.6	16.92	49.2	2000	PASS
n41	30	90	518598	245@0	CP_QAM64	19.05	-3.6	15.45	35.08	2000	PASS
n41	30	90	518598	123@61	CP_QAM64	19.17	-3.6	15.57	36.06	2000	PASS
n41	30	90	518598	1@1	CP_QAM64	18.36	-3.6	14.76	29.92	2000	PASS
n41	30	90	518598	1@243	CP_QAM64	18.59	-3.6	14.99	31.55	2000	PASS
n41	30	90	518598	245@0	CP_QAM256	15.96	-3.6	12.36	17.22	2000	PASS
n41	30	90	518598	123@61	CP_QAM256	16.09	-3.6	12.49	17.74	2000	PASS

n41	30	90	518598	1@1	CP_QAM256	16.4	-3.6	12.8	19.05	2000	PASS
n41	30	90	518598	1@243	CP_QAM256	15.79	-3.6	12.19	16.56	2000	PASS
n41	30	90	528996	240@0	DFT_BPSK	22.26	-3.6	18.66	73.45	2000	PASS
n41	30	90	528996	120@60	DFT_BPSK	22.94	-3.6	19.34	85.9	2000	PASS
n41	30	90	528996	1@1	DFT_BPSK	21.76	-3.6	18.16	65.46	2000	PASS
n41	30	90	528996	1@243	DFT_BPSK	22.21	-3.6	18.61	72.61	2000	PASS
n41	30	90	528996	240@0	DFT_QPSK	21.74	-3.6	18.14	65.16	2000	PASS
n41	30	90	528996	120@60	DFT_QPSK	22.96	-3.6	19.36	86.3	2000	PASS
n41	30	90	528996	1@1	DFT_QPSK	21.78	-3.6	18.18	65.77	2000	PASS
n41	30	90	528996	1@243	DFT_QPSK	22.32	-3.6	18.72	74.47	2000	PASS
n41	30	90	528996	240@0	DFT_QAM16	20.7	-3.6	17.1	51.29	2000	PASS
n41	30	90	528996	120@60	DFT_QAM16	22	-3.6	18.4	69.18	2000	PASS
n41	30	90	528996	1@1	DFT_QAM16	20.6	-3.6	17	50.12	2000	PASS
n41	30	90	528996	1@243	DFT_QAM16	21.15	-3.6	17.55	56.89	2000	PASS
n41	30	90	528996	240@0	DFT_QAM64	20.24	-3.6	16.64	46.13	2000	PASS
n41	30	90	528996	120@60	DFT_QAM64	20.44	-3.6	16.84	48.31	2000	PASS
n41	30	90	528996	1@1	DFT_QAM64	18.98	-3.6	15.38	34.51	2000	PASS
n41	30	90	528996	1@243	DFT_QAM64	19.51	-3.6	15.91	38.99	2000	PASS
n41	30	90	528996	240@0	DFT_QAM256	18.19	-3.6	14.59	28.77	2000	PASS
n41	30	90	528996	120@60	DFT_QAM256	18.22	-3.6	14.62	28.97	2000	PASS
n41	30	90	528996	1@1	DFT_QAM256	17.14	-3.6	13.54	22.59	2000	PASS
n41	30	90	528996	1@243	DFT_QAM256	17.49	-3.6	13.89	24.49	2000	PASS
n41	30	90	528996	245@0	CP_QPSK	19.74	-3.6	16.14	41.11	2000	PASS
n41	30	90	528996	123@61	CP_QPSK	21.41	-3.6	17.81	60.39	2000	PASS
n41	30	90	528996	1@1	CP_QPSK	20.59	-3.6	16.99	50	2000	PASS
n41	30	90	528996	1@243	CP_QPSK	21.38	-3.6	17.78	59.98	2000	PASS
n41	30	90	528996	245@0	CP_QAM16	19.7	-3.6	16.1	40.74	2000	PASS
n41	30	90	528996	123@61	CP_QAM16	20.95	-3.6	17.35	54.33	2000	PASS
n41	30	90	528996	1@1	CP_QAM16	19.9	-3.6	16.3	42.66	2000	PASS
n41	30	90	528996	1@243	CP_QAM16	20.43	-3.6	16.83	48.19	2000	PASS
n41	30	90	528996	245@0	CP_QAM64	19.19	-3.6	15.59	36.22	2000	PASS
n41	30	90	528996	123@61	CP_QAM64	19.41	-3.6	15.81	38.11	2000	PASS
n41	30	90	528996	1@1	CP_QAM64	19.66	-3.6	16.06	40.36	2000	PASS
n41	30	90	528996	1@243	CP_QAM64	18.58	-3.6	14.98	31.48	2000	PASS
n41	30	90	528996	245@0	CP_QAM256	16.14	-3.6	12.54	17.95	2000	PASS
n41	30	90	528996	123@61	CP_QAM256	16.08	-3.6	12.48	17.7	2000	PASS
n41	30	90	528996	1@1	CP_QAM256	15.25	-3.6	11.65	14.62	2000	PASS
n41	30	90	528996	1@243	CP_QAM256	16.22	-3.6	12.62	18.28	2000	PASS
n41	30	100	509202	270@0	DFT_BPSK	22.2	-3.6	18.6	72.44	2000	PASS
n41	30	100	509202	135@67	DFT_BPSK	22.89	-3.6	19.29	84.92	2000	PASS
n41	30	100	509202	1@1	DFT_BPSK	22.08	-3.6	18.48	70.47	2000	PASS

n41	30	100	509202	1@271	DFT_BPSK	21.89	-3.6	18.29	67.45	2000	PASS
n41	30	100	509202	270@0	DFT_QPSK	21.67	-3.6	18.07	64.12	2000	PASS
n41	30	100	509202	135@67	DFT_QPSK	22.87	-3.6	19.27	84.53	2000	PASS
n41	30	100	509202	1@1	DFT_QPSK	22.17	-3.6	18.57	71.94	2000	PASS
n41	30	100	509202	1@271	DFT_QPSK	22.06	-3.6	18.46	70.15	2000	PASS
n41	30	100	509202	270@0	DFT_QAM16	20.7	-3.6	17.1	51.29	2000	PASS
n41	30	100	509202	135@67	DFT_QAM16	21.91	-3.6	18.31	67.76	2000	PASS
n41	30	100	509202	1@1	DFT_QAM16	20.96	-3.6	17.36	54.45	2000	PASS
n41	30	100	509202	1@271	DFT_QAM16	20.74	-3.6	17.14	51.76	2000	PASS
n41	30	100	509202	270@0	DFT_QAM64	20.16	-3.6	16.56	45.29	2000	PASS
n41	30	100	509202	135@67	DFT_QAM64	20.36	-3.6	16.76	47.42	2000	PASS
n41	30	100	509202	1@1	DFT_QAM64	19.34	-3.6	15.74	37.5	2000	PASS
n41	30	100	509202	1@271	DFT_QAM64	19.15	-3.6	15.55	35.89	2000	PASS
n41	30	100	509202	270@0	DFT_QAM256	18.2	-3.6	14.6	28.84	2000	PASS
n41	30	100	509202	135@67	DFT_QAM256	18.39	-3.6	14.79	30.13	2000	PASS
n41	30	100	509202	1@1	DFT_QAM256	18.2	-3.6	14.6	28.84	2000	PASS
n41	30	100	509202	1@271	DFT_QAM256	17.3	-3.6	13.7	23.44	2000	PASS
n41	30	100	509202	273@0	CP_QPSK	19.69	-3.6	16.09	40.64	2000	PASS
n41	30	100	509202	137@68	CP_QPSK	21.36	-3.6	17.76	59.7	2000	PASS
n41	30	100	509202	1@1	CP_QPSK	20.62	-3.6	17.02	50.35	2000	PASS
n41	30	100	509202	1@271	CP_QPSK	20.47	-3.6	16.87	48.64	2000	PASS
n41	30	100	509202	273@0	CP_QAM16	19.71	-3.6	16.11	40.83	2000	PASS
n41	30	100	509202	137@68	CP_QAM16	20.89	-3.6	17.29	53.58	2000	PASS
n41	30	100	509202	1@1	CP_QAM16	20.32	-3.6	16.72	46.99	2000	PASS
n41	30	100	509202	1@271	CP_QAM16	20.12	-3.6	16.52	44.87	2000	PASS
n41	30	100	509202	273@0	CP_QAM64	19.17	-3.6	15.57	36.06	2000	PASS
n41	30	100	509202	137@68	CP_QAM64	19.33	-3.6	15.73	37.41	2000	PASS
n41	30	100	509202	1@1	CP_QAM64	18.06	-3.6	14.46	27.93	2000	PASS
n41	30	100	509202	1@271	CP_QAM64	18.18	-3.6	14.58	28.71	2000	PASS
n41	30	100	509202	273@0	CP_QAM256	16.2	-3.6	12.6	18.2	2000	PASS
n41	30	100	509202	137@68	CP_QAM256	16.29	-3.6	12.69	18.58	2000	PASS
n41	30	100	509202	1@1	CP_QAM256	15.59	-3.6	11.99	15.81	2000	PASS
n41	30	100	509202	1@271	CP_QAM256	15.5	-3.6	11.9	15.49	2000	PASS
n41	30	100	518598	270@0	DFT_BPSK	22.01	-3.6	18.41	69.34	2000	PASS
n41	30	100	518598	135@67	DFT_BPSK	22.65	-3.6	19.05	80.35	2000	PASS
n41	30	100	518598	1@1	DFT_BPSK	21.94	-3.6	18.34	68.23	2000	PASS
n41	30	100	518598	1@271	DFT_BPSK	22.11	-3.6	18.51	70.96	2000	PASS
n41	30	100	518598	270@0	DFT_QPSK	21.54	-3.6	17.94	62.23	2000	PASS
n41	30	100	518598	135@67	DFT_QPSK	22.66	-3.6	19.06	80.54	2000	PASS
n41	30	100	518598	1@1	DFT_QPSK	21.99	-3.6	18.39	69.02	2000	PASS
n41	30	100	518598	1@271	DFT_QPSK	22.2	-3.6	18.6	72.44	2000	PASS

n41	30	100	518598	270@0	DFT_QAM16	20.51	-3.6	16.91	49.09	2000	PASS
n41	30	100	518598	135@67	DFT_QAM16	21.71	-3.6	18.11	64.71	2000	PASS
n41	30	100	518598	1@1	DFT_QAM16	20.81	-3.6	17.21	52.6	2000	PASS
n41	30	100	518598	1@271	DFT_QAM16	21.02	-3.6	17.42	55.21	2000	PASS
n41	30	100	518598	270@0	DFT_QAM64	20.05	-3.6	16.45	44.16	2000	PASS
n41	30	100	518598	135@67	DFT_QAM64	20.2	-3.6	16.6	45.71	2000	PASS
n41	30	100	518598	1@1	DFT_QAM64	19.17	-3.6	15.57	36.06	2000	PASS
n41	30	100	518598	1@271	DFT_QAM64	19.37	-3.6	15.77	37.76	2000	PASS
n41	30	100	518598	270@0	DFT_QAM256	18.01	-3.6	14.41	27.61	2000	PASS
n41	30	100	518598	135@67	DFT_QAM256	18.61	-3.6	15.01	31.7	2000	PASS
n41	30	100	518598	1@1	DFT_QAM256	17.29	-3.6	13.69	23.39	2000	PASS
n41	30	100	518598	1@271	DFT_QAM256	17.41	-3.6	13.81	24.04	2000	PASS
n41	30	100	518598	273@0	CP_QPSK	19.52	-3.6	15.92	39.08	2000	PASS
n41	30	100	518598	137@68	CP_QPSK	21.12	-3.6	17.52	56.49	2000	PASS
n41	30	100	518598	1@1	CP_QPSK	20.46	-3.6	16.86	48.53	2000	PASS
n41	30	100	518598	1@271	CP_QPSK	20.67	-3.6	17.07	50.93	2000	PASS
n41	30	100	518598	273@0	CP_QAM16	19.51	-3.6	15.91	38.99	2000	PASS
n41	30	100	518598	137@68	CP_QAM16	20.69	-3.6	17.09	51.17	2000	PASS
n41	30	100	518598	1@1	CP_QAM16	20.17	-3.6	16.57	45.39	2000	PASS
n41	30	100	518598	1@271	CP_QAM16	20.39	-3.6	16.79	47.75	2000	PASS
n41	30	100	518598	273@0	CP_QAM64	18.97	-3.6	15.37	34.43	2000	PASS
n41	30	100	518598	137@68	CP_QAM64	19.06	-3.6	15.46	35.16	2000	PASS
n41	30	100	518598	1@1	CP_QAM64	18.65	-3.6	15.05	31.99	2000	PASS
n41	30	100	518598	1@271	CP_QAM64	18.47	-3.6	14.87	30.69	2000	PASS
n41	30	100	518598	273@0	CP_QAM256	15.95	-3.6	12.35	17.18	2000	PASS
n41	30	100	518598	137@68	CP_QAM256	16.08	-3.6	12.48	17.7	2000	PASS
n41	30	100	518598	1@1	CP_QAM256	16.6	-3.6	13	19.95	2000	PASS
n41	30	100	518598	1@271	CP_QAM256	15.64	-3.6	12.04	16	2000	PASS
n41	30	100	528000	270@0	DFT_BPSK	22.24	-3.6	18.64	73.11	2000	PASS
n41	30	100	528000	135@67	DFT_BPSK	22.89	-3.6	19.29	84.92	2000	PASS
n41	30	100	528000	1@1	DFT_BPSK	21.79	-3.6	18.19	65.92	2000	PASS
n41	30	100	528000	1@271	DFT_BPSK	22.17	-3.6	18.57	71.94	2000	PASS
n41	30	100	528000	270@0	DFT_QPSK	21.72	-3.6	18.12	64.86	2000	PASS
n41	30	100	528000	135@67	DFT_QPSK	22.91	-3.6	19.31	85.31	2000	PASS
n41	30	100	528000	1@1	DFT_QPSK	21.88	-3.6	18.28	67.3	2000	PASS
n41	30	100	528000	1@271	DFT_QPSK	22.33	-3.6	18.73	74.64	2000	PASS
n41	30	100	528000	270@0	DFT_QAM16	20.72	-3.6	17.12	51.52	2000	PASS
n41	30	100	528000	135@67	DFT_QAM16	21.96	-3.6	18.36	68.55	2000	PASS
n41	30	100	528000	1@1	DFT_QAM16	20.8	-3.6	17.2	52.48	2000	PASS
n41	30	100	528000	1@271	DFT_QAM16	21.29	-3.6	17.69	58.75	2000	PASS
n41	30	100	528000	270@0	DFT_QAM64	20.18	-3.6	16.58	45.5	2000	PASS