

Appendix A : Test Results-n77(3.45G)

1 Conducted Output Power And E.I.R.P.

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	20.26	-2.6	17.66	58.34	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	20.77	-2.6	18.17	65.61	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	20.76	-2.6	18.16	65.46	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	20.68	-2.6	18.08	64.27	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	19.74	-2.6	17.14	51.76	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	20.78	-2.6	18.18	65.77	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	20.73	-2.6	18.13	65.01	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	20.64	-2.6	18.04	63.68	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	18.69	-2.6	16.09	40.64	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	19.81	-2.6	17.21	52.6	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	19.84	-2.6	17.24	52.97	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	19.8	-2.6	17.2	52.48	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	18.24	-2.6	15.64	36.64	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	18.63	-2.6	16.03	40.09	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	18	-2.6	15.4	34.67	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	17.88	-2.6	15.28	33.73	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	16.62	-2.6	14.02	25.23	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	16.16	-2.6	13.56	22.7	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	16.47	-2.6	13.87	24.38	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	16.19	-2.6	13.59	22.86	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	17.73	-2.6	15.13	32.58	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	19.29	-2.6	16.69	46.67	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	19.22	-2.6	16.62	45.92	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	19.16	-2.6	16.56	45.29	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QAM16	18.03	-2.6	15.43	34.91	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	18.22	-2.6	15.62	36.48	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	18.73	-2.6	16.13	41.02	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	18.58	-2.6	15.98	39.63	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QAM64	17.25	-2.6	14.65	29.17	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	17.27	-2.6	14.67	29.31	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	17.04	-2.6	14.44	27.8	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	16.97	-2.6	14.37	27.35	1000	PASS

n77(3450-3550)	30	10	630334	24@0	CP_QAM256	14.22	-2.6	11.62	14.52	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	14.24	-2.6	11.64	14.59	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	14.23	-2.6	11.63	14.55	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	14.13	-2.6	11.53	14.22	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	20.2	-2.6	17.6	57.54	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	20.72	-2.6	18.12	64.86	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	20.71	-2.6	18.11	64.71	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	20.69	-2.6	18.09	64.42	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	19.72	-2.6	17.12	51.52	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	20.72	-2.6	18.12	64.86	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	20.68	-2.6	18.08	64.27	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	20.64	-2.6	18.04	63.68	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	18.68	-2.6	16.08	40.55	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	19.76	-2.6	17.16	52	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	19.86	-2.6	17.26	53.21	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	19.85	-2.6	17.25	53.09	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	18.65	-2.6	16.05	40.27	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	18.19	-2.6	15.59	36.22	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	17.88	-2.6	15.28	33.73	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	17.96	-2.6	15.36	34.36	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	16.19	-2.6	13.59	22.86	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	16.46	-2.6	13.86	24.32	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	16.21	-2.6	13.61	22.96	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	16.19	-2.6	13.59	22.86	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	17.69	-2.6	15.09	32.28	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	19.24	-2.6	16.64	46.13	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	19.21	-2.6	16.61	45.81	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	19.15	-2.6	16.55	45.19	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QAM16	18.52	-2.6	15.92	39.08	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	18.71	-2.6	16.11	40.83	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	18.68	-2.6	16.08	40.55	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	18.61	-2.6	16.01	39.9	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QAM64	17.46	-2.6	14.86	30.62	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	17.18	-2.6	14.58	28.71	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	17.23	-2.6	14.63	29.04	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	17.2	-2.6	14.6	28.84	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QAM256	14.18	-2.6	11.58	14.39	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	14.26	-2.6	11.66	14.66	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	14.18	-2.6	11.58	14.39	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	14.15	-2.6	11.55	14.29	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	20.42	-2.6	17.82	60.53	1000	PASS

n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	20.97	-2.6	18.37	68.71	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	20.88	-2.6	18.28	67.3	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	20.89	-2.6	18.29	67.45	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	19.9	-2.6	17.3	53.7	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	20.9	-2.6	18.3	67.61	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	20.86	-2.6	18.26	66.99	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	20.84	-2.6	18.24	66.68	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	18.88	-2.6	16.28	42.46	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	19.96	-2.6	17.36	54.45	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	20.04	-2.6	17.44	55.46	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	20	-2.6	17.4	54.95	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	18.39	-2.6	15.79	37.93	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	18.41	-2.6	15.81	38.11	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	18.23	-2.6	15.63	36.56	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	18.08	-2.6	15.48	35.32	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	16.31	-2.6	13.71	23.5	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	16.33	-2.6	13.73	23.6	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	16.41	-2.6	13.81	24.04	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	16.22	-2.6	13.62	23.01	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	18.41	-2.6	15.81	38.11	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	19.45	-2.6	16.85	48.42	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	19.36	-2.6	16.76	47.42	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	19.31	-2.6	16.71	46.88	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QAM16	17.95	-2.6	15.35	34.28	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	18.91	-2.6	16.31	42.76	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	18.83	-2.6	16.23	41.98	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	18.75	-2.6	16.15	41.21	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QAM64	17.26	-2.6	14.66	29.24	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	17.39	-2.6	14.79	30.13	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	17.42	-2.6	14.82	30.34	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	17.39	-2.6	14.79	30.13	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QAM256	14.53	-2.6	11.93	15.6	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	14.4	-2.6	11.8	15.14	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	14.36	-2.6	11.76	15	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	14.32	-2.6	11.72	14.86	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	20.27	-2.6	17.67	58.48	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	20.8	-2.6	18.2	66.07	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	20.78	-2.6	18.18	65.77	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	20.68	-2.6	18.08	64.27	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	19.79	-2.6	17.19	52.36	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	20.82	-2.6	18.22	66.37	1000	PASS

n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	20.74	-2.6	18.14	65.16	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	20.65	-2.6	18.05	63.83	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	18.75	-2.6	16.15	41.21	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	19.76	-2.6	17.16	52	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	19.73	-2.6	17.13	51.64	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	19.63	-2.6	17.03	50.47	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	18.26	-2.6	15.66	36.81	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	18.32	-2.6	15.72	37.33	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	17.98	-2.6	15.38	34.51	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	17.42	-2.6	14.82	30.34	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	18.09	-2.6	15.49	35.4	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	16.18	-2.6	13.58	22.8	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	16.36	-2.6	13.76	23.77	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	16.2	-2.6	13.6	22.91	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	17.74	-2.6	15.14	32.66	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	19.3	-2.6	16.7	46.77	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	19.24	-2.6	16.64	46.13	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	19.17	-2.6	16.57	45.39	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QAM16	18.36	-2.6	15.76	37.67	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	18.74	-2.6	16.14	41.11	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	18.7	-2.6	16.1	40.74	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	18.59	-2.6	15.99	39.72	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QAM64	17.75	-2.6	15.15	32.73	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	17.23	-2.6	14.63	29.04	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	17.3	-2.6	14.7	29.51	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	17.19	-2.6	14.59	28.77	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QAM256	14.63	-2.6	12.03	15.96	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	14.21	-2.6	11.61	14.49	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	14.25	-2.6	11.65	14.62	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	14.17	-2.6	11.57	14.35	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	20.26	-2.6	17.66	58.34	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	20.8	-2.6	18.2	66.07	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	20.74	-2.6	18.14	65.16	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	20.64	-2.6	18.04	63.68	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	19.74	-2.6	17.14	51.76	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	20.76	-2.6	18.16	65.46	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	20.71	-2.6	18.11	64.71	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	20.61	-2.6	18.01	63.24	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	19.41	-2.6	16.81	47.97	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	19.72	-2.6	17.12	51.52	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	19.68	-2.6	17.08	51.05	1000	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	19.61	-2.6	17.01	50.23	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	18.36	-2.6	15.76	37.67	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	18.26	-2.6	15.66	36.81	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	17.93	-2.6	15.33	34.12	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	18.22	-2.6	15.62	36.48	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	18.05	-2.6	15.45	35.08	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	16.13	-2.6	13.53	22.54	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	16.23	-2.6	13.63	23.07	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	16.22	-2.6	13.62	23.01	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	18.66	-2.6	16.06	40.36	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	19.24	-2.6	16.64	46.13	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	19.28	-2.6	16.68	46.56	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	19.15	-2.6	16.55	45.19	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QAM16	17.75	-2.6	15.15	32.73	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	18.71	-2.6	16.11	40.83	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM16	18.7	-2.6	16.1	40.74	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	18.57	-2.6	15.97	39.54	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QAM64	17.19	-2.6	14.59	28.77	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	17.23	-2.6	14.63	29.04	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	17.25	-2.6	14.65	29.17	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	17.41	-2.6	14.81	30.27	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QAM256	14.21	-2.6	11.61	14.49	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	14.32	-2.6	11.72	14.86	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	14.22	-2.6	11.62	14.52	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	14.11	-2.6	11.51	14.16	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	20.45	-2.6	17.85	60.95	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	20.97	-2.6	18.37	68.71	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	20.89	-2.6	18.29	67.45	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	20.84	-2.6	18.24	66.68	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	19.93	-2.6	17.33	54.08	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	20.96	-2.6	18.36	68.55	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	20.89	-2.6	18.29	67.45	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	20.78	-2.6	18.18	65.77	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	19.55	-2.6	16.95	49.55	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	19.95	-2.6	17.35	54.33	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	20.06	-2.6	17.46	55.72	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	19.95	-2.6	17.35	54.33	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	18.44	-2.6	15.84	38.37	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	18.46	-2.6	15.86	38.55	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	18.13	-2.6	15.53	35.73	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	18.06	-2.6	15.46	35.16	1000	PASS

n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	16.4	-2.6	13.8	23.99	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	16.34	-2.6	13.74	23.66	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	16.33	-2.6	13.73	23.6	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	16.33	-2.6	13.73	23.6	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	17.92	-2.6	15.32	34.04	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	19.48	-2.6	16.88	48.75	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	19.38	-2.6	16.78	47.64	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	19.28	-2.6	16.68	46.56	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QAM16	18.22	-2.6	15.62	36.48	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	18.88	-2.6	16.28	42.46	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	18.83	-2.6	16.23	41.98	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	18.78	-2.6	16.18	41.5	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QAM64	17.36	-2.6	14.76	29.92	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	17.41	-2.6	14.81	30.27	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	17.46	-2.6	14.86	30.62	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	17.34	-2.6	14.74	29.79	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QAM256	14.38	-2.6	11.78	15.07	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	14.37	-2.6	11.77	15.03	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	14.26	-2.6	11.66	14.66	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	14.29	-2.6	11.69	14.76	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	19.92	-2.6	17.32	53.95	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	20.44	-2.6	17.84	60.81	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	20.37	-2.6	17.77	59.84	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	20.28	-2.6	17.68	58.61	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	19.43	-2.6	16.83	48.19	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	20.45	-2.6	17.85	60.95	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	20.28	-2.6	17.68	58.61	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	20.18	-2.6	17.58	57.28	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.41	-2.6	15.81	38.11	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	19.42	-2.6	16.82	48.08	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	19.41	-2.6	16.81	47.97	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	19.28	-2.6	16.68	46.56	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	17.87	-2.6	15.27	33.65	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	17.95	-2.6	15.35	34.28	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	17.93	-2.6	15.33	34.12	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	17.77	-2.6	15.17	32.89	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	15.86	-2.6	13.26	21.18	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	15.83	-2.6	13.23	21.04	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	15.79	-2.6	13.19	20.84	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	15.67	-2.6	13.07	20.28	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	17.36	-2.6	14.76	29.92	1000	PASS

n77(3450-3550)	30	20	630668	25@12	CP_QPSK	18.97	-2.6	16.37	43.35	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	18.88	-2.6	16.28	42.46	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	18.79	-2.6	16.19	41.59	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QAM16	17.38	-2.6	14.78	30.06	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	18.39	-2.6	15.79	37.93	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	18.32	-2.6	15.72	37.33	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	18.15	-2.6	15.55	35.89	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QAM64	16.88	-2.6	14.28	26.79	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	16.84	-2.6	14.24	26.55	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	16.76	-2.6	14.16	26.06	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	16.63	-2.6	14.03	25.29	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QAM256	13.87	-2.6	11.27	13.4	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	13.87	-2.6	11.27	13.4	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	13.91	-2.6	11.31	13.52	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	13.76	-2.6	11.16	13.06	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	19.83	-2.6	17.23	52.84	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	20.38	-2.6	17.78	59.98	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	20.29	-2.6	17.69	58.75	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	20.1	-2.6	17.5	56.23	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	19.34	-2.6	16.74	47.21	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	20.38	-2.6	17.78	59.98	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	20.2	-2.6	17.6	57.54	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	20.03	-2.6	17.43	55.34	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.31	-2.6	15.71	37.24	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	19.34	-2.6	16.74	47.21	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	19.32	-2.6	16.72	46.99	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	19.15	-2.6	16.55	45.19	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	17.77	-2.6	15.17	32.89	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	17.84	-2.6	15.24	33.42	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	17.83	-2.6	15.23	33.34	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	17.63	-2.6	15.03	31.84	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	15.79	-2.6	13.19	20.84	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	15.76	-2.6	13.16	20.7	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	15.68	-2.6	13.08	20.32	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	15.52	-2.6	12.92	19.59	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	17.29	-2.6	14.69	29.44	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	18.88	-2.6	16.28	42.46	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	18.83	-2.6	16.23	41.98	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	18.64	-2.6	16.04	40.18	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QAM16	17.29	-2.6	14.69	29.44	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	18.32	-2.6	15.72	37.33	1000	PASS

n77(3450-3550)	30	20	633334	1@1	CP_QAM16	18.29	-2.6	15.69	37.07	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	18.03	-2.6	15.43	34.91	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QAM64	16.76	-2.6	14.16	26.06	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	16.8	-2.6	14.2	26.3	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	16.7	-2.6	14.1	25.7	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	16.53	-2.6	13.93	24.72	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QAM256	13.78	-2.6	11.18	13.12	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	13.8	-2.6	11.2	13.18	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	13.85	-2.6	11.25	13.34	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM256	13.63	-2.6	11.03	12.68	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	20	-2.6	17.4	54.95	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	20.5	-2.6	17.9	61.66	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	20.42	-2.6	17.82	60.53	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	20.29	-2.6	17.69	58.75	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	19.45	-2.6	16.85	48.42	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	20.52	-2.6	17.92	61.94	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	20.32	-2.6	17.72	59.16	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	20.21	-2.6	17.61	57.68	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.44	-2.6	15.84	38.37	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	19.49	-2.6	16.89	48.87	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	19.45	-2.6	16.85	48.42	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	19.35	-2.6	16.75	47.32	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	17.94	-2.6	15.34	34.2	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	17.96	-2.6	15.36	34.36	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	17.92	-2.6	15.32	34.04	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	17.84	-2.6	15.24	33.42	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	15.9	-2.6	13.3	21.38	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	15.92	-2.6	13.32	21.48	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	15.82	-2.6	13.22	20.99	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	15.68	-2.6	13.08	20.32	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	17.39	-2.6	14.79	30.13	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	19.04	-2.6	16.44	44.06	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	18.91	-2.6	16.31	42.76	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	18.8	-2.6	16.2	41.69	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QAM16	17.42	-2.6	14.82	30.34	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	18.45	-2.6	15.85	38.46	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	18.31	-2.6	15.71	37.24	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	18.24	-2.6	15.64	36.64	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QAM64	16.9	-2.6	14.3	26.92	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	16.93	-2.6	14.33	27.1	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	16.77	-2.6	14.17	26.12	1000	PASS

n77(3450-3550)	30	20	636000	1@49	CP_QAM64	16.65	-2.6	14.05	25.41	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QAM256	13.92	-2.6	11.32	13.55	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	13.93	-2.6	11.33	13.58	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	13.93	-2.6	11.33	13.58	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	13.82	-2.6	11.22	13.24	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	20.8	-2.6	18.2	66.07	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	21.4	-2.6	18.8	75.86	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	21.04	-2.6	18.44	69.82	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	20.82	-2.6	18.22	66.37	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	20.27	-2.6	17.67	58.48	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	21.37	-2.6	18.77	75.34	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	20.95	-2.6	18.35	68.39	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	20.74	-2.6	18.14	65.16	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	19.23	-2.6	16.63	46.03	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	20.41	-2.6	17.81	60.39	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	20.14	-2.6	17.54	56.75	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	19.97	-2.6	17.37	54.58	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	18.81	-2.6	16.21	41.78	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	18.85	-2.6	16.25	42.17	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	18.59	-2.6	15.99	39.72	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	18.34	-2.6	15.74	37.5	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	16.71	-2.6	14.11	25.76	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	16.88	-2.6	14.28	26.79	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	16.52	-2.6	13.92	24.66	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	16.3	-2.6	13.7	23.44	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	18.21	-2.6	15.61	36.39	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	19.85	-2.6	17.25	53.09	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	19.6	-2.6	17	50.12	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	19.34	-2.6	16.74	47.21	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QAM16	18.21	-2.6	15.61	36.39	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	19.35	-2.6	16.75	47.32	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	19.04	-2.6	16.44	44.06	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	18.8	-2.6	16.2	41.69	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QAM64	17.7	-2.6	15.1	32.36	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	17.84	-2.6	15.24	33.42	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	17.51	-2.6	14.91	30.97	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM64	17.34	-2.6	14.74	29.79	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QAM256	14.72	-2.6	12.12	16.29	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	14.84	-2.6	12.24	16.75	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	14.55	-2.6	11.95	15.67	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	14.36	-2.6	11.76	15	1000	PASS

n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	20.76	-2.6	18.16	65.46	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	21.36	-2.6	18.76	75.16	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	21.09	-2.6	18.49	70.63	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	20.83	-2.6	18.23	66.53	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	20.25	-2.6	17.65	58.21	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	21.37	-2.6	18.77	75.34	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	20.99	-2.6	18.39	69.02	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	20.74	-2.6	18.14	65.16	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	19.22	-2.6	16.62	45.92	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	20.37	-2.6	17.77	59.84	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	20.25	-2.6	17.65	58.21	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	19.94	-2.6	17.34	54.2	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	18.75	-2.6	16.15	41.21	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	18.85	-2.6	16.25	42.17	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	18.62	-2.6	16.02	39.99	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	18.39	-2.6	15.79	37.93	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	16.71	-2.6	14.11	25.76	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	16.84	-2.6	14.24	26.55	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	16.55	-2.6	13.95	24.83	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	16.28	-2.6	13.68	23.33	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	18.2	-2.6	15.6	36.31	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	19.84	-2.6	17.24	52.97	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	19.66	-2.6	17.06	50.82	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	19.37	-2.6	16.77	47.53	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QAM16	18.19	-2.6	15.59	36.22	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	19.32	-2.6	16.72	46.99	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	19.13	-2.6	16.53	44.98	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	18.8	-2.6	16.2	41.69	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QAM64	17.69	-2.6	15.09	32.28	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	17.81	-2.6	15.21	33.19	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	17.57	-2.6	14.97	31.41	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	17.37	-2.6	14.77	29.99	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QAM256	14.69	-2.6	12.09	16.18	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	14.83	-2.6	12.23	16.71	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	14.64	-2.6	12.04	16	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	14.37	-2.6	11.77	15.03	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	20.8	-2.6	18.2	66.07	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	21.45	-2.6	18.85	76.74	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	21.01	-2.6	18.41	69.34	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	20.83	-2.6	18.23	66.53	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	20.29	-2.6	17.69	58.75	1000	PASS

n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	21.47	-2.6	18.87	77.09	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	20.93	-2.6	18.33	68.08	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	20.73	-2.6	18.13	65.01	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	19.25	-2.6	16.65	46.24	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	20.4	-2.6	17.8	60.26	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	20.14	-2.6	17.54	56.75	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	19.95	-2.6	17.35	54.33	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	18.79	-2.6	16.19	41.59	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	18.93	-2.6	16.33	42.95	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	18.55	-2.6	15.95	39.36	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	18.36	-2.6	15.76	37.67	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	16.75	-2.6	14.15	26	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	16.9	-2.6	14.3	26.92	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	16.47	-2.6	13.87	24.38	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	16.27	-2.6	13.67	23.28	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	18.2	-2.6	15.6	36.31	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	19.88	-2.6	17.28	53.46	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	19.55	-2.6	16.95	49.55	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	19.37	-2.6	16.77	47.53	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QAM16	18.22	-2.6	15.62	36.48	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	19.37	-2.6	16.77	47.53	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	19	-2.6	16.4	43.65	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	18.82	-2.6	16.22	41.88	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QAM64	17.73	-2.6	15.13	32.58	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	17.87	-2.6	15.27	33.65	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	17.44	-2.6	14.84	30.48	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	17.3	-2.6	14.7	29.51	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QAM256	14.72	-2.6	12.12	16.29	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	14.87	-2.6	12.27	16.87	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	14.53	-2.6	11.93	15.6	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	14.34	-2.6	11.74	14.93	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	20.85	-2.6	18.25	66.83	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	21.39	-2.6	18.79	75.68	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	21.33	-2.6	18.73	74.64	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	21.04	-2.6	18.44	69.82	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	20.32	-2.6	17.72	59.16	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	21.36	-2.6	18.76	75.16	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	21.29	-2.6	18.69	73.96	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	20.92	-2.6	18.32	67.92	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	19.34	-2.6	16.74	47.21	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	20.41	-2.6	17.81	60.39	1000	PASS

n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	20.47	-2.6	17.87	61.24	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	20.17	-2.6	17.57	57.15	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	18.8	-2.6	16.2	41.69	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	18.9	-2.6	16.3	42.66	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	18.86	-2.6	16.26	42.27	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	18.54	-2.6	15.94	39.26	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	16.79	-2.6	14.19	26.24	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	16.85	-2.6	14.25	26.61	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	16.78	-2.6	14.18	26.18	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	16.48	-2.6	13.88	24.43	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	18.27	-2.6	15.67	36.9	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	19.89	-2.6	17.29	53.58	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	19.9	-2.6	17.3	53.7	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	19.55	-2.6	16.95	49.55	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QAM16	18.29	-2.6	15.69	37.07	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	19.39	-2.6	16.79	47.75	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	19.32	-2.6	16.72	46.99	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	18.96	-2.6	16.36	43.25	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QAM64	17.78	-2.6	15.18	32.96	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	17.85	-2.6	15.25	33.5	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	17.8	-2.6	15.2	33.11	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	17.43	-2.6	14.83	30.41	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QAM256	14.79	-2.6	12.19	16.56	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	14.89	-2.6	12.29	16.94	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	14.87	-2.6	12.27	16.87	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	14.53	-2.6	11.93	15.6	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	20.84	-2.6	18.24	66.68	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	21.39	-2.6	18.79	75.68	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	21.4	-2.6	18.8	75.86	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	21.14	-2.6	18.54	71.45	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	20.35	-2.6	17.75	59.57	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	21.4	-2.6	18.8	75.86	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	21.29	-2.6	18.69	73.96	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	21.04	-2.6	18.44	69.82	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	19.32	-2.6	16.72	46.99	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	20.32	-2.6	17.72	59.16	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	20.56	-2.6	17.96	62.52	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	20.29	-2.6	17.69	58.75	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	18.82	-2.6	16.22	41.88	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	18.82	-2.6	16.22	41.88	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	18.92	-2.6	16.32	42.85	1000	PASS

n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	18.65	-2.6	16.05	40.27	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	16.79	-2.6	14.19	26.24	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	16.81	-2.6	14.21	26.36	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	16.85	-2.6	14.25	26.61	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	16.57	-2.6	13.97	24.95	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	18.32	-2.6	15.72	37.33	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	19.81	-2.6	17.21	52.6	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	19.96	-2.6	17.36	54.45	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	19.68	-2.6	17.08	51.05	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QAM16	18.28	-2.6	15.68	36.98	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	19.32	-2.6	16.72	46.99	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	19.37	-2.6	16.77	47.53	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	19.1	-2.6	16.5	44.67	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QAM64	17.78	-2.6	15.18	32.96	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	17.8	-2.6	15.2	33.11	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	17.84	-2.6	15.24	33.42	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	17.57	-2.6	14.97	31.41	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QAM256	14.83	-2.6	12.23	16.71	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	14.81	-2.6	12.21	16.63	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	14.96	-2.6	12.36	17.22	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	14.7	-2.6	12.1	16.22	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	20.75	-2.6	18.15	65.31	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	21.33	-2.6	18.73	74.64	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	21.2	-2.6	18.6	72.44	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	21.01	-2.6	18.41	69.34	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	20.25	-2.6	17.65	58.21	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	21.36	-2.6	18.76	75.16	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	21.12	-2.6	18.52	71.12	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	20.9	-2.6	18.3	67.61	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	19.23	-2.6	16.63	46.03	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	20.34	-2.6	17.74	59.43	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	20.3	-2.6	17.7	58.88	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	20.13	-2.6	17.53	56.62	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	18.73	-2.6	16.13	41.02	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	18.79	-2.6	16.19	41.59	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	18.7	-2.6	16.1	40.74	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	18.52	-2.6	15.92	39.08	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	16.71	-2.6	14.11	25.76	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	16.75	-2.6	14.15	26	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	16.57	-2.6	13.97	24.95	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	16.41	-2.6	13.81	24.04	1000	PASS