

Appendix A : Test Result - n77-n78-(3.45G)

1. Conducted Output Power

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	15.8	1.36	17.16	52	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	16.36	1.36	17.72	59.16	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	16.31	1.36	17.67	58.48	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	16.36	1.36	17.72	59.16	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	15.35	1.36	16.71	46.88	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	16.43	1.36	17.79	60.12	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	16.35	1.36	17.71	59.02	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	16.39	1.36	17.75	59.57	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	14.48	1.36	15.84	38.37	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	15.37	1.36	16.73	47.1	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	15.22	1.36	16.58	45.5	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	15.26	1.36	16.62	45.92	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	13.82	1.36	15.18	32.96	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	13.9	1.36	15.26	33.57	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	13.69	1.36	15.05	31.99	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	13.75	1.36	15.11	32.43	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	11.77	1.36	13.13	20.56	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	11.91	1.36	13.27	21.23	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	11.65	1.36	13.01	20	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	11.74	1.36	13.1	20.42	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	13.31	1.36	14.67	29.31	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	14.83	1.36	16.19	41.59	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	14.89	1.36	16.25	42.17	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	14.93	1.36	16.29	42.56	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	13.25	1.36	14.61	28.91	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	14.51	1.36	15.87	38.64	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	14.36	1.36	15.72	37.33	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	14.38	1.36	15.74	37.5	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	12.97	1.36	14.33	27.1	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	12.85	1.36	14.21	26.36	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	12.59	1.36	13.95	24.83	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	12.66	1.36	14.02	25.23	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	9.87	1.36	11.23	13.27	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	9.78	1.36	11.14	13	1000	PASS

n77(3450-3550)	30	10	630334	1@1	CP_256QAM	9.82	1.36	11.18	13.12	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	9.88	1.36	11.24	13.3	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	16.02	1.36	17.38	54.7	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	16.56	1.36	17.92	61.94	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	16.46	1.36	17.82	60.53	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	16.47	1.36	17.83	60.67	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	15.49	1.36	16.85	48.42	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	16.49	1.36	17.85	60.95	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	14.48	1.36	15.84	38.37	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	15.49	1.36	16.85	48.42	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	15.32	1.36	16.68	46.56	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	15.44	1.36	16.8	47.86	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	14.05	1.36	15.41	34.75	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	14.01	1.36	15.37	34.43	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	13.82	1.36	15.18	32.96	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	13.9	1.36	15.26	33.57	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	11.93	1.36	13.29	21.33	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	11.78	1.36	13.14	20.61	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	11.88	1.36	13.24	21.09	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	13.44	1.36	14.8	30.2	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	14.97	1.36	16.33	42.95	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	15.02	1.36	16.38	43.45	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	15.15	1.36	16.51	44.77	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	13.33	1.36	14.69	29.44	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	14.62	1.36	15.98	39.63	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	14.61	1.36	15.97	39.54	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	14.61	1.36	15.97	39.54	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_64QAM	12.99	1.36	14.35	27.23	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	13.12	1.36	14.48	28.05	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	12.68	1.36	14.04	25.35	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	12.78	1.36	14.14	25.94	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	9.91	1.36	11.27	13.4	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	9.92	1.36	11.28	13.43	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	9.92	1.36	11.28	13.43	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	9.97	1.36	11.33	13.58	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	16.21	1.36	17.57	57.15	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	16.59	1.36	17.95	62.37	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	16.65	1.36	18.01	63.24	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	15.6	1.36	16.96	49.66	1000	PASS

n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	16.63	1.36	17.99	62.95	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	16.7	1.36	18.06	63.97	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	16.63	1.36	17.99	62.95	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	14.71	1.36	16.07	40.46	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	15.72	1.36	17.08	51.05	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	15.54	1.36	16.9	48.98	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	15.57	1.36	16.93	49.32	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	14.23	1.36	15.59	36.22	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	14.2	1.36	15.56	35.97	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	14.04	1.36	15.4	34.67	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	13.99	1.36	15.35	34.28	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	12.1	1.36	13.46	22.18	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	12.25	1.36	13.61	22.96	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	12.04	1.36	13.4	21.88	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	11.98	1.36	13.34	21.58	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	13.57	1.36	14.93	31.12	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	15.05	1.36	16.41	43.75	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	15.21	1.36	16.57	45.39	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	15.11	1.36	16.47	44.36	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	13.56	1.36	14.92	31.05	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	14.79	1.36	16.15	41.21	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	14.76	1.36	16.12	40.93	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	14.7	1.36	16.06	40.36	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	13.14	1.36	14.5	28.18	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	13.24	1.36	14.6	28.84	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	12.95	1.36	14.31	26.98	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	12.85	1.36	14.21	26.36	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	10.12	1.36	11.48	14.06	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	10.09	1.36	11.45	13.96	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	10.18	1.36	11.54	14.26	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	10.08	1.36	11.44	13.93	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	15.99	1.36	17.35	54.33	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	16.55	1.36	17.91	61.8	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	16.46	1.36	17.82	60.53	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	16.56	1.36	17.92	61.94	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	15.54	1.36	16.9	48.98	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	16.48	1.36	17.84	60.81	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	14.54	1.36	15.9	38.9	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	15.59	1.36	16.95	49.55	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	15.31	1.36	16.67	46.45	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	15.35	1.36	16.71	46.88	1000	PASS

n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	13.97	1.36	15.33	34.12	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	14.09	1.36	15.45	35.08	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	13.8	1.36	15.16	32.81	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	13.91	1.36	15.27	33.65	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	11.93	1.36	13.29	21.33	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	11.8	1.36	13.16	20.7	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	11.89	1.36	13.25	21.13	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.4	1.36	14.76	29.92	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	14.99	1.36	16.35	43.15	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	14.99	1.36	16.35	43.15	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	15.03	1.36	16.39	43.55	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	13.51	1.36	14.87	30.69	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	14.55	1.36	15.91	38.99	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	14.51	1.36	15.87	38.64	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	14.48	1.36	15.84	38.37	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_64QAM	13.02	1.36	14.38	27.42	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	13.01	1.36	14.37	27.35	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	12.68	1.36	14.04	25.35	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	12.73	1.36	14.09	25.64	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	9.98	1.36	11.34	13.61	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	10.05	1.36	11.41	13.84	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	9.92	1.36	11.28	13.43	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	9.98	1.36	11.34	13.61	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	16.05	1.36	17.41	55.08	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	16.64	1.36	18	63.1	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	16.52	1.36	17.88	61.38	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	16.58	1.36	17.94	62.23	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	15.57	1.36	16.93	49.32	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	16.68	1.36	18.04	63.68	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	16.53	1.36	17.89	61.52	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	16.59	1.36	17.95	62.37	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	15.57	1.36	16.93	49.32	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	15.33	1.36	16.69	46.67	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	15.43	1.36	16.79	47.75	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	14.01	1.36	15.37	34.43	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	14.12	1.36	15.48	35.32	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	13.86	1.36	15.22	33.27	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	13.97	1.36	15.33	34.12	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	12	1.36	13.36	21.68	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	12.01	1.36	13.37	21.73	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	11.86	1.36	13.22	20.99	1000	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.44	1.36	14.8	30.2	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	15.05	1.36	16.41	43.75	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	15.02	1.36	16.38	43.45	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	15.13	1.36	16.49	44.57	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	13.53	1.36	14.89	30.83	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	14.64	1.36	16	39.81	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	14.59	1.36	15.95	39.36	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	13.05	1.36	14.41	27.61	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	13.05	1.36	14.41	27.61	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	12.72	1.36	14.08	25.59	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	12.84	1.36	14.2	26.3	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	10.04	1.36	11.4	13.8	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	10.05	1.36	11.41	13.84	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	9.99	1.36	11.35	13.65	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	10.08	1.36	11.44	13.93	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	16.25	1.36	17.61	57.68	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	16.81	1.36	18.17	65.61	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	16.72	1.36	18.08	64.27	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	16.69	1.36	18.05	63.83	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	15.71	1.36	17.07	50.93	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	16.76	1.36	18.12	64.86	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	16.75	1.36	18.11	64.71	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	16.69	1.36	18.05	63.83	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	14.65	1.36	16.01	39.9	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	15.74	1.36	17.1	51.29	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	15.59	1.36	16.95	49.55	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	15.52	1.36	16.88	48.75	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	14.17	1.36	15.53	35.73	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	14.26	1.36	15.62	36.48	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	14.08	1.36	15.44	34.99	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	14.05	1.36	15.41	34.75	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	12.11	1.36	13.47	22.23	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	12.04	1.36	13.4	21.88	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.63	1.36	14.99	31.55	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	15.19	1.36	16.55	45.19	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	15.27	1.36	16.63	46.03	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	15.18	1.36	16.54	45.08	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	13.67	1.36	15.03	31.84	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	14.76	1.36	16.12	40.93	1000	PASS

n77(3450-3550)	30	15	636166	1@1	CP_16QAM	14.72	1.36	16.08	40.55	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	14.76	1.36	16.12	40.93	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_64QAM	13.16	1.36	14.52	28.31	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	13.22	1.36	14.58	28.71	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	12.96	1.36	14.32	27.04	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	12.86	1.36	14.22	26.42	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	10.2	1.36	11.56	14.32	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	10.27	1.36	11.63	14.55	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	10.17	1.36	11.53	14.22	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	10.1	1.36	11.46	14	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	16.09	1.36	17.45	55.59	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	16.69	1.36	18.05	63.83	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	16.52	1.36	17.88	61.38	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	16.5	1.36	17.86	61.09	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	15.65	1.36	17.01	50.23	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	16.65	1.36	18.01	63.24	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	14.64	1.36	16	39.81	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	15.66	1.36	17.02	50.35	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	15.35	1.36	16.71	46.88	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	15.32	1.36	16.68	46.56	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	14	1.36	15.36	34.36	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	14.06	1.36	15.42	34.83	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	13.9	1.36	15.26	33.57	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	13.93	1.36	15.29	33.81	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	12	1.36	13.36	21.68	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	11.88	1.36	13.24	21.09	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	11.95	1.36	13.31	21.43	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	13.52	1.36	14.88	30.76	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	15.13	1.36	16.49	44.57	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	14.98	1.36	16.34	43.05	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	15.02	1.36	16.38	43.45	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	13.55	1.36	14.91	30.97	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	14.66	1.36	16.02	39.99	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	14.51	1.36	15.87	38.64	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	14.52	1.36	15.88	38.73	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	13.08	1.36	14.44	27.8	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	13.1	1.36	14.46	27.93	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	12.73	1.36	14.09	25.64	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	12.82	1.36	14.18	26.18	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	10.08	1.36	11.44	13.93	1000	PASS

n77(3450-3550)	30	20	630668	25@12	CP_256QAM	10.07	1.36	11.43	13.9	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	9.96	1.36	11.32	13.55	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	10.02	1.36	11.38	13.74	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	15.63	1.36	16.99	50	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	16.67	1.36	18.03	63.53	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	16.47	1.36	17.83	60.67	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	15.65	1.36	17.01	50.23	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	16.71	1.36	18.07	64.12	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	16.6	1.36	17.96	62.52	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	14.52	1.36	15.88	38.73	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	15.62	1.36	16.98	49.89	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	15.26	1.36	16.62	45.92	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	15.46	1.36	16.82	48.08	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	13.98	1.36	15.34	34.2	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	14.03	1.36	15.39	34.59	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	13.84	1.36	15.2	33.11	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	13.96	1.36	15.32	34.04	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	11.99	1.36	13.35	21.63	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	12.02	1.36	13.38	21.78	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	11.85	1.36	13.21	20.94	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	11.96	1.36	13.32	21.48	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	13.53	1.36	14.89	30.83	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	15.22	1.36	16.58	45.5	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	15.01	1.36	16.37	43.35	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	15.16	1.36	16.52	44.87	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	13.51	1.36	14.87	30.69	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	14.66	1.36	16.02	39.99	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	14.51	1.36	15.87	38.64	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	13.65	1.36	15.01	31.7	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	13.09	1.36	14.45	27.86	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	12.75	1.36	14.11	25.76	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	12.8	1.36	14.16	26.06	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	9.99	1.36	11.35	13.65	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	10.06	1.36	11.42	13.87	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	9.97	1.36	11.33	13.58	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	10.06	1.36	11.42	13.87	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	15.69	1.36	17.05	50.7	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	16.77	1.36	18.13	65.01	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	16.74	1.36	18.1	64.57	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	16.64	1.36	18	63.1	1000	PASS

n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	15.79	1.36	17.15	51.88	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	16.82	1.36	18.18	65.77	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	16.7	1.36	18.06	63.97	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	16.67	1.36	18.03	63.53	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	14.7	1.36	16.06	40.36	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	15.15	1.36	16.51	44.77	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	15.55	1.36	16.91	49.09	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	14.14	1.36	15.5	35.48	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	14.22	1.36	15.58	36.14	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	14.1	1.36	15.46	35.16	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	14.02	1.36	15.38	34.51	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	12.19	1.36	13.55	22.65	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	12.03	1.36	13.39	21.83	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	13.67	1.36	15.03	31.84	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	15.24	1.36	16.6	45.71	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	15.23	1.36	16.59	45.6	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	15.13	1.36	16.49	44.57	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	13.69	1.36	15.05	31.99	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	14.84	1.36	16.2	41.69	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	14.77	1.36	16.13	41.02	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	14.73	1.36	16.09	40.64	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	13.18	1.36	14.54	28.44	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	13.34	1.36	14.7	29.51	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	12.94	1.36	14.3	26.92	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	12.83	1.36	14.19	26.24	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	10.18	1.36	11.54	14.26	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	10.22	1.36	11.58	14.39	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	10.18	1.36	11.54	14.26	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	10.13	1.36	11.49	14.09	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	15.93	1.36	17.29	53.58	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	16.44	1.36	17.8	60.26	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	16.4	1.36	17.76	59.7	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	16.32	1.36	17.68	58.61	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	15.45	1.36	16.81	47.97	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	16.4	1.36	17.76	59.7	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	16.39	1.36	17.75	59.57	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	16.33	1.36	17.69	58.75	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	14.35	1.36	15.71	37.24	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	15.42	1.36	16.78	47.64	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	15.23	1.36	16.59	45.6	1000	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	15.16	1.36	16.52	44.87	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	13.83	1.36	15.19	33.04	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	13.87	1.36	15.23	33.34	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	13.77	1.36	15.13	32.58	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	13.67	1.36	15.03	31.84	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	11.84	1.36	13.2	20.89	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	11.86	1.36	13.22	20.99	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	11.79	1.36	13.15	20.65	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	11.67	1.36	13.03	20.09	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	13.36	1.36	14.72	29.65	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	14.93	1.36	16.29	42.56	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	14.94	1.36	16.3	42.66	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	14.85	1.36	16.21	41.78	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	13.41	1.36	14.77	29.99	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	14.38	1.36	15.74	37.5	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	14.37	1.36	15.73	37.41	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	14.23	1.36	15.59	36.22	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	12.86	1.36	14.22	26.42	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	12.91	1.36	14.27	26.73	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	12.6	1.36	13.96	24.89	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	12.5	1.36	13.86	24.32	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	9.83	1.36	11.19	13.15	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	9.89	1.36	11.25	13.34	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	9.89	1.36	11.25	13.34	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	9.76	1.36	11.12	12.94	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	15.94	1.36	17.3	53.7	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	16.52	1.36	17.88	61.38	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	16.35	1.36	17.71	59.02	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	16.46	1.36	17.82	60.53	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	15.49	1.36	16.85	48.42	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	16.48	1.36	17.84	60.81	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	16.38	1.36	17.74	59.43	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	16.47	1.36	17.83	60.67	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	14.43	1.36	15.79	37.93	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	15.47	1.36	16.83	48.19	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	15.23	1.36	16.59	45.6	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	15.32	1.36	16.68	46.56	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	13.88	1.36	15.24	33.42	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	13.94	1.36	15.3	33.88	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	13.72	1.36	15.08	32.21	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	13.8	1.36	15.16	32.81	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	11.9	1.36	13.26	21.18	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	11.89	1.36	13.25	21.13	1000	PASS

n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	11.73	1.36	13.09	20.37	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	11.79	1.36	13.15	20.65	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	13.4	1.36	14.76	29.92	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	15.01	1.36	16.37	43.35	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	14.94	1.36	16.3	42.66	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	15.01	1.36	16.37	43.35	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	13.44	1.36	14.8	30.2	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	14.44	1.36	15.8	38.02	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	14.27	1.36	15.63	36.56	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	14.37	1.36	15.73	37.41	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	12.92	1.36	14.28	26.79	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	12.94	1.36	14.3	26.92	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	12.57	1.36	13.93	24.72	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	12.66	1.36	14.02	25.23	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	9.86	1.36	11.22	13.24	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	9.93	1.36	11.29	13.46	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	9.83	1.36	11.19	13.15	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	9.87	1.36	11.23	13.27	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	16.1	1.36	17.46	55.72	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	16.63	1.36	17.99	62.95	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	16.47	1.36	17.83	60.67	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	15.65	1.36	17.01	50.23	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	16.6	1.36	17.96	62.52	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	16.56	1.36	17.92	61.94	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	16.45	1.36	17.81	60.39	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	14.54	1.36	15.9	38.9	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	15.58	1.36	16.94	49.43	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	15.39	1.36	16.75	47.32	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	15.31	1.36	16.67	46.45	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	14.01	1.36	15.37	34.43	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	14.03	1.36	15.39	34.59	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	13.89	1.36	15.25	33.5	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	13.84	1.36	15.2	33.11	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	12.01	1.36	13.37	21.73	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	12.03	1.36	13.39	21.83	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	11.89	1.36	13.25	21.13	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	11.83	1.36	13.19	20.84	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	13.51	1.36	14.87	30.69	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	15.12	1.36	16.48	44.46	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	15.07	1.36	16.43	43.95	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	14.96	1.36	16.32	42.85	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	13.56	1.36	14.92	31.05	1000	PASS

n77(3450-3550)	30	40	635332	53@26	CP_16QAM	14.55	1.36	15.91	38.99	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	14.43	1.36	15.79	37.93	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	14.44	1.36	15.8	38.02	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	13.02	1.36	14.38	27.42	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	13.06	1.36	14.42	27.67	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	12.72	1.36	14.08	25.59	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	12.67	1.36	14.03	25.29	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	10.01	1.36	11.37	13.71	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	10.04	1.36	11.4	13.8	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	9.99	1.36	11.35	13.65	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	9.94	1.36	11.3	13.49	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	15.87	1.36	17.23	52.84	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	16.46	1.36	17.82	60.53	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	16.38	1.36	17.74	59.43	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	16.44	1.36	17.8	60.26	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	16.5	1.36	17.86	61.09	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	16.39	1.36	17.75	59.57	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	16.46	1.36	17.82	60.53	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	14.42	1.36	15.78	37.84	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	15.41	1.36	16.77	47.53	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	15.25	1.36	16.61	45.81	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	15.29	1.36	16.65	46.24	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	13.92	1.36	15.28	33.73	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	13.92	1.36	15.28	33.73	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	13.7	1.36	15.06	32.06	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	13.74	1.36	15.1	32.36	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	11.9	1.36	13.26	21.18	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	11.9	1.36	13.26	21.18	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	11.73	1.36	13.09	20.37	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	11.73	1.36	13.09	20.37	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	13.38	1.36	14.74	29.79	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	14.93	1.36	16.29	42.56	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	14.99	1.36	16.35	43.15	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	14.97	1.36	16.33	42.95	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	13.39	1.36	14.75	29.85	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	14.43	1.36	15.79	37.93	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	14.27	1.36	15.63	36.56	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	14.22	1.36	15.58	36.14	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	12.89	1.36	14.25	26.61	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	12.89	1.36	14.25	26.61	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	12.6	1.36	13.96	24.89	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	12.52	1.36	13.88	24.43	1000	PASS

n77(3450-3550)	30	50	631668	133@0	CP_256QAM	9.88	1.36	11.24	13.3	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	9.87	1.36	11.23	13.27	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	9.82	1.36	11.18	13.12	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	9.79	1.36	11.15	13.03	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	16.01	1.36	17.37	54.58	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	16.6	1.36	17.96	62.52	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	16.42	1.36	17.78	59.98	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	16.46	1.36	17.82	60.53	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	15.51	1.36	16.87	48.64	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	16.58	1.36	17.94	62.23	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	16.42	1.36	17.78	59.98	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	16.47	1.36	17.83	60.67	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	14.48	1.36	15.84	38.37	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	15.3	1.36	16.66	46.34	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	15.31	1.36	16.67	46.45	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	13.96	1.36	15.32	34.04	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	14	1.36	15.36	34.36	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	13.73	1.36	15.09	32.28	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	13.79	1.36	15.15	32.73	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	11.97	1.36	13.33	21.53	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	11.98	1.36	13.34	21.58	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	11.74	1.36	13.1	20.42	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	11.8	1.36	13.16	20.7	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	13.46	1.36	14.82	30.34	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	15.03	1.36	16.39	43.55	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	15.03	1.36	16.39	43.55	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	15.03	1.36	16.39	43.55	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	13.44	1.36	14.8	30.2	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	14.5	1.36	15.86	38.55	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	14.3	1.36	15.66	36.81	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	14.31	1.36	15.67	36.9	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	12.94	1.36	14.3	26.92	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	12.97	1.36	14.33	27.1	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	12.55	1.36	13.91	24.6	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	12.58	1.36	13.94	24.77	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	9.92	1.36	11.28	13.43	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	9.95	1.36	11.31	13.52	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	9.85	1.36	11.21	13.21	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	9.87	1.36	11.23	13.27	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	16.01	1.36	17.37	54.58	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	16.59	1.36	17.95	62.37	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	16.5	1.36	17.86	61.09	1000	PASS

n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	16.45	1.36	17.81	60.39	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	15.58	1.36	16.94	49.43	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	16.41	1.36	17.77	59.84	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	14.5	1.36	15.86	38.55	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	15.4	1.36	16.76	47.42	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	15.24	1.36	16.6	45.71	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	14.01	1.36	15.37	34.43	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	14	1.36	15.36	34.36	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	13.81	1.36	15.17	32.89	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	13.72	1.36	15.08	32.21	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	12	1.36	13.36	21.68	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	11.98	1.36	13.34	21.58	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	11.82	1.36	13.18	20.8	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	11.76	1.36	13.12	20.51	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	13.46	1.36	14.82	30.34	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	15.04	1.36	16.4	43.65	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	15.07	1.36	16.43	43.95	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	15.04	1.36	16.4	43.65	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	13.47	1.36	14.83	30.41	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	14.51	1.36	15.87	38.64	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	14.37	1.36	15.73	37.41	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	14.31	1.36	15.67	36.9	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	12.94	1.36	14.3	26.92	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	13	1.36	14.36	27.29	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	12.64	1.36	14	25.12	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	12.55	1.36	13.91	24.6	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	9.93	1.36	11.29	13.46	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	9.95	1.36	11.31	13.52	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	9.86	1.36	11.22	13.24	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	9.83	1.36	11.19	13.15	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	15.96	1.36	17.32	53.95	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	16.38	1.36	17.74	59.43	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	16.43	1.36	17.79	60.12	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	16.4	1.36	17.76	59.7	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	16.43	1.36	17.79	60.12	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	14.4	1.36	15.76	37.67	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	15.52	1.36	16.88	48.75	1000	PASS

n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	15.23	1.36	16.59	45.6	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	15.26	1.36	16.62	45.92	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	13.92	1.36	15.28	33.73	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	13.94	1.36	15.3	33.88	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	13.78	1.36	15.14	32.66	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	13.77	1.36	15.13	32.58	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	11.9	1.36	13.26	21.18	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	11.91	1.36	13.27	21.23	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	11.8	1.36	13.16	20.7	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	11.79	1.36	13.15	20.65	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	13.42	1.36	14.78	30.06	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	14.97	1.36	16.33	42.95	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	14.94	1.36	16.3	42.66	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	14.95	1.36	16.31	42.76	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	13.4	1.36	14.76	29.92	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	14.42	1.36	15.78	37.84	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	14.28	1.36	15.64	36.64	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	14.26	1.36	15.62	36.48	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	12.9	1.36	14.26	26.67	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	12.9	1.36	14.26	26.67	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	12.59	1.36	13.95	24.83	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	12.56	1.36	13.92	24.66	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	9.92	1.36	11.28	13.43	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	9.88	1.36	11.24	13.3	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	9.88	1.36	11.24	13.3	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	9.84	1.36	11.2	13.18	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	15.95	1.36	17.31	53.83	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	16.56	1.36	17.92	61.94	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	16.4	1.36	17.76	59.7	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	16.45	1.36	17.81	60.39	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	16.58	1.36	17.94	62.23	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	16.42	1.36	17.78	59.98	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	16.48	1.36	17.84	60.81	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	14.42	1.36	15.78	37.84	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	15.59	1.36	16.95	49.55	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	15.27	1.36	16.63	46.03	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	15.28	1.36	16.64	46.13	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	13.93	1.36	15.29	33.81	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	13.97	1.36	15.33	34.12	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	13.75	1.36	15.11	32.43	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	13.78	1.36	15.14	32.66	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	11.93	1.36	13.29	21.33	1000	PASS

n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	11.76	1.36	13.12	20.51	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	11.81	1.36	13.17	20.75	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	13.4	1.36	14.76	29.92	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	15.06	1.36	16.42	43.85	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	14.95	1.36	16.31	42.76	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	15.02	1.36	16.38	43.45	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	13.41	1.36	14.77	29.99	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	14.48	1.36	15.84	38.37	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	14.26	1.36	15.62	36.48	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	14.28	1.36	15.64	36.64	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	12.92	1.36	14.28	26.79	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	12.95	1.36	14.31	26.98	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	12.61	1.36	13.97	24.95	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	12.6	1.36	13.96	24.89	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	9.94	1.36	11.3	13.49	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	9.9	1.36	11.26	13.37	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	9.86	1.36	11.22	13.24	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	9.88	1.36	11.24	13.3	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	16.05	1.36	17.41	55.08	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	16.58	1.36	17.94	62.23	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	16.38	1.36	17.74	59.43	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	16.35	1.36	17.71	59.02	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	15.57	1.36	16.93	49.32	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	16.36	1.36	17.72	59.16	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	16.4	1.36	17.76	59.7	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	14.44	1.36	15.8	38.02	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	15.59	1.36	16.95	49.55	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	15.18	1.36	16.54	45.08	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	15.21	1.36	16.57	45.39	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	13.94	1.36	15.3	33.88	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	14.04	1.36	15.4	34.67	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	13.72	1.36	15.08	32.21	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	13.73	1.36	15.09	32.28	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	11.93	1.36	13.29	21.33	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	12	1.36	13.36	21.68	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	11.73	1.36	13.09	20.37	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	11.74	1.36	13.1	20.42	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	13.42	1.36	14.78	30.06	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	15.01	1.36	16.37	43.35	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	14.9	1.36	16.26	42.27	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	14.95	1.36	16.31	42.76	1000	PASS

n77(3450-3550)	30	60	634666	162@0	CP_16QAM	13.41	1.36	14.77	29.99	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	14.5	1.36	15.86	38.55	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	14.24	1.36	15.6	36.31	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	14.26	1.36	15.62	36.48	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	12.93	1.36	14.29	26.85	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	12.99	1.36	14.35	27.23	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	12.56	1.36	13.92	24.66	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	12.51	1.36	13.87	24.38	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	9.91	1.36	11.27	13.4	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	9.97	1.36	11.33	13.58	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	9.79	1.36	11.15	13.03	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	9.78	1.36	11.14	13	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	16.14	1.36	17.5	56.23	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	16.63	1.36	17.99	62.95	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	16.53	1.36	17.89	61.52	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	16.53	1.36	17.89	61.52	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	15.67	1.36	17.03	50.47	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	16.65	1.36	18.01	63.24	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	16.55	1.36	17.91	61.8	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	16.54	1.36	17.9	61.66	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	14.53	1.36	15.89	38.82	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	15.63	1.36	16.99	50	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	15.4	1.36	16.76	47.42	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	15.37	1.36	16.73	47.1	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	14.02	1.36	15.38	34.51	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	14.03	1.36	15.39	34.59	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	13.86	1.36	15.22	33.27	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	13.86	1.36	15.22	33.27	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	12.02	1.36	13.38	21.78	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	11.99	1.36	13.35	21.63	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	11.89	1.36	13.25	21.13	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	11.85	1.36	13.21	20.94	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	13.54	1.36	14.9	30.9	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	15.14	1.36	16.5	44.67	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	15.07	1.36	16.43	43.95	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	15.04	1.36	16.4	43.65	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	13.52	1.36	14.88	30.76	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	14.54	1.36	15.9	38.9	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	14.4	1.36	15.76	37.67	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	14.43	1.36	15.79	37.93	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	13.03	1.36	14.39	27.48	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	13	1.36	14.36	27.29	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	12.7	1.36	14.06	25.47	1000	PASS

n77(3450-3550)	30	70	632334	1@187	CP_64QAM	12.7	1.36	14.06	25.47	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	10	1.36	11.36	13.68	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	9.99	1.36	11.35	13.65	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	9.93	1.36	11.29	13.46	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	9.91	1.36	11.27	13.4	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	16.17	1.36	17.53	56.62	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	16.73	1.36	18.09	64.42	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	16.59	1.36	17.95	62.37	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	15.71	1.36	17.07	50.93	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	16.76	1.36	18.12	64.86	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	16.62	1.36	17.98	62.81	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	14.61	1.36	15.97	39.54	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	15.7	1.36	17.06	50.82	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	15.47	1.36	16.83	48.19	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	15.46	1.36	16.82	48.08	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	14.1	1.36	15.46	35.16	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	14.1	1.36	15.46	35.16	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	13.94	1.36	15.3	33.88	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	13.94	1.36	15.3	33.88	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	11.96	1.36	13.32	21.48	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	13.58	1.36	14.94	31.19	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	15.17	1.36	16.53	44.98	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	15.21	1.36	16.57	45.39	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	15.05	1.36	16.41	43.75	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	13.58	1.36	14.94	31.19	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	14.66	1.36	16.02	39.99	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	14.51	1.36	15.87	38.64	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	14.5	1.36	15.86	38.55	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	13.08	1.36	14.44	27.8	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	13.1	1.36	14.46	27.93	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	12.83	1.36	14.19	26.24	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	12.78	1.36	14.14	25.94	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	10.05	1.36	11.41	13.84	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	10.07	1.36	11.43	13.9	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	10.02	1.36	11.38	13.74	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	9.99	1.36	11.35	13.65	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	16.28	1.36	17.64	58.08	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	16.78	1.36	18.14	65.16	1000	PASS

n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	16.61	1.36	17.97	62.66	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	16.52	1.36	17.88	61.38	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	15.78	1.36	17.14	51.76	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	16.77	1.36	18.13	65.01	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	16.51	1.36	17.87	61.24	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	14.64	1.36	16	39.81	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	15.77	1.36	17.13	51.64	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	15.41	1.36	16.77	47.53	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	15.36	1.36	16.72	46.99	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	14.15	1.36	15.51	35.56	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	14.18	1.36	15.54	35.81	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	13.92	1.36	15.28	33.73	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	13.85	1.36	15.21	33.19	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	12.13	1.36	13.49	22.34	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	12.17	1.36	13.53	22.54	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	11.85	1.36	13.21	20.94	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	13.61	1.36	14.97	31.41	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	15.25	1.36	16.61	45.81	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	15.13	1.36	16.49	44.57	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	15.03	1.36	16.39	43.55	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	13.6	1.36	14.96	31.33	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	14.7	1.36	16.06	40.36	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	14.38	1.36	15.74	37.5	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	14.42	1.36	15.78	37.84	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	13.11	1.36	14.47	27.99	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	13.15	1.36	14.51	28.25	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	12.76	1.36	14.12	25.82	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	12.72	1.36	14.08	25.59	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	10.11	1.36	11.47	14.03	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	10.11	1.36	11.47	14.03	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	9.96	1.36	11.32	13.55	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	9.95	1.36	11.31	13.52	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	16.2	1.36	17.56	57.02	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	16.7	1.36	18.06	63.97	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	16.62	1.36	17.98	62.81	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	16.6	1.36	17.96	62.52	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	15.69	1.36	17.05	50.7	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	16.74	1.36	18.1	64.57	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	16.68	1.36	18.04	63.68	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	16.59	1.36	17.95	62.37	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	14.56	1.36	15.92	39.08	1000	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	15.73	1.36	17.09	51.17	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	15.54	1.36	16.9	48.98	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	15.42	1.36	16.78	47.64	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	14.06	1.36	15.42	34.83	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	14.12	1.36	15.48	35.32	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	13.97	1.36	15.33	34.12	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	13.89	1.36	15.25	33.5	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	11.88	1.36	13.24	21.09	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	13.55	1.36	14.91	30.97	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	15.21	1.36	16.57	45.39	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	15.19	1.36	16.55	45.19	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	15.17	1.36	16.53	44.98	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	13.59	1.36	14.95	31.26	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	14.59	1.36	15.95	39.36	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	14.46	1.36	15.82	38.19	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	14.41	1.36	15.77	37.76	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	13.04	1.36	14.4	27.54	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	13.06	1.36	14.42	27.67	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	12.78	1.36	14.14	25.94	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	12.71	1.36	14.07	25.53	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	10.04	1.36	11.4	13.8	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	10.05	1.36	11.41	13.84	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	10	1.36	11.36	13.68	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	9.96	1.36	11.32	13.55	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	16.18	1.36	17.54	56.75	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	16.75	1.36	18.11	64.71	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	16.64	1.36	18	63.1	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	15.67	1.36	17.03	50.47	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	16.74	1.36	18.1	64.57	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	16.55	1.36	17.91	61.8	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	14.6	1.36	15.96	39.45	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	15.72	1.36	17.08	51.05	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	15.53	1.36	16.89	48.87	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	15.44	1.36	16.8	47.86	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	14.09	1.36	15.45	35.08	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	14.14	1.36	15.5	35.48	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	13.98	1.36	15.34	34.2	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	13.93	1.36	15.29	33.81	1000	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	11.97	1.36	13.33	21.53	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	11.9	1.36	13.26	21.18	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	13.57	1.36	14.93	31.12	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	15.17	1.36	16.53	44.98	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	15.19	1.36	16.55	45.19	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	15.07	1.36	16.43	43.95	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	13.59	1.36	14.95	31.26	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	14.63	1.36	15.99	39.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	14.53	1.36	15.89	38.82	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	14.43	1.36	15.79	37.93	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	13.05	1.36	14.41	27.61	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	13.1	1.36	14.46	27.93	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	12.84	1.36	14.2	26.3	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	12.75	1.36	14.11	25.76	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	10.06	1.36	11.42	13.87	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	10.08	1.36	11.44	13.93	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	10.05	1.36	11.41	13.84	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	9.94	1.36	11.3	13.49	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	16.23	1.36	17.59	57.41	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	16.77	1.36	18.13	65.01	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	16.52	1.36	17.88	61.38	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	15.73	1.36	17.09	51.17	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	16.75	1.36	18.11	64.71	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	16.56	1.36	17.92	61.94	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	14.59	1.36	15.95	39.36	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	15.77	1.36	17.13	51.64	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	15.53	1.36	16.89	48.87	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	15.43	1.36	16.79	47.75	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	14.11	1.36	15.47	35.24	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	14.15	1.36	15.51	35.56	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	14	1.36	15.36	34.36	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	13.88	1.36	15.24	33.42	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	11.96	1.36	13.32	21.48	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	11.84	1.36	13.2	20.89	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	13.56	1.36	14.92	31.05	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	15.26	1.36	16.62	45.92	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	15.21	1.36	16.57	45.39	1000	PASS

n77(3450-3550)	30	80	634000	1@215	CP_QPSK	15.09	1.36	16.45	44.16	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	13.6	1.36	14.96	31.33	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	14.65	1.36	16.01	39.9	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	14.5	1.36	15.86	38.55	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	14.34	1.36	15.7	37.15	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	13.06	1.36	14.42	27.67	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	13.11	1.36	14.47	27.99	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	12.8	1.36	14.16	26.06	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	12.66	1.36	14.02	25.23	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	10.06	1.36	11.42	13.87	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	10.08	1.36	11.44	13.93	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	10.02	1.36	11.38	13.74	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	9.9	1.36	11.26	13.37	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	16.11	1.36	17.47	55.85	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	16.71	1.36	18.07	64.12	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	16.53	1.36	17.89	61.52	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	16.45	1.36	17.81	60.39	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	15.64	1.36	17	50.12	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	16.67	1.36	18.03	63.53	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	16.52	1.36	17.88	61.38	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	16.49	1.36	17.85	60.95	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	15.69	1.36	17.05	50.7	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	15.34	1.36	16.7	46.77	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	15.3	1.36	16.66	46.34	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	14.04	1.36	15.4	34.67	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	14.07	1.36	15.43	34.91	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	13.85	1.36	15.21	33.19	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	13.84	1.36	15.2	33.11	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	12.05	1.36	13.41	21.93	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	11.82	1.36	13.18	20.8	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	11.82	1.36	13.18	20.8	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	13.56	1.36	14.92	31.05	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	15.12	1.36	16.48	44.46	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	14.97	1.36	16.33	42.95	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	14.92	1.36	16.28	42.46	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	13.55	1.36	14.91	30.97	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	14.37	1.36	15.73	37.41	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	14.35	1.36	15.71	37.24	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	13.04	1.36	14.4	27.54	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	13.07	1.36	14.43	27.73	1000	PASS

n77(3450-3550)	30	90	633000	1@1	CP_64QAM	12.65	1.36	14.01	25.18	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	12.7	1.36	14.06	25.47	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	10.02	1.36	11.38	13.74	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	10.06	1.36	11.42	13.87	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	9.89	1.36	11.25	13.34	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	9.86	1.36	11.22	13.24	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	16.14	1.36	17.5	56.23	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	16.7	1.36	18.06	63.97	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	16.62	1.36	17.98	62.81	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	16.55	1.36	17.91	61.8	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	15.74	1.36	17.1	51.29	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	16.72	1.36	18.08	64.27	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	16.57	1.36	17.93	62.09	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	16.56	1.36	17.92	61.94	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	15.7	1.36	17.06	50.82	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	15.52	1.36	16.88	48.75	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	15.41	1.36	16.77	47.53	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	14.09	1.36	15.45	35.08	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	14.13	1.36	15.49	35.4	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	13.89	1.36	15.25	33.5	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	13.84	1.36	15.2	33.11	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	12.1	1.36	13.46	22.18	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	12.13	1.36	13.49	22.34	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	11.91	1.36	13.27	21.23	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	11.84	1.36	13.2	20.89	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	13.56	1.36	14.92	31.05	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	15.17	1.36	16.53	44.98	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	15.2	1.36	16.56	45.29	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	15.07	1.36	16.43	43.95	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	13.55	1.36	14.91	30.97	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	14.62	1.36	15.98	39.63	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	14.46	1.36	15.82	38.19	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	14.39	1.36	15.75	37.58	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	13.36	1.36	14.72	29.65	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	13.1	1.36	14.46	27.93	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	12.73	1.36	14.09	25.64	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	12.67	1.36	14.03	25.29	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	10.09	1.36	11.45	13.96	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	10.09	1.36	11.45	13.96	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	9.99	1.36	11.35	13.65	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	9.88	1.36	11.24	13.3	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	15.95	1.36	17.31	53.83	1000	PASS

n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	16.79	1.36	18.15	65.31	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	16.65	1.36	18.01	63.24	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	16.44	1.36	17.8	60.26	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	15.75	1.36	17.11	51.4	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	16.76	1.36	18.12	64.86	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	16.65	1.36	18.01	63.24	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	16.48	1.36	17.84	60.81	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	14.62	1.36	15.98	39.63	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	15.36	1.36	16.72	46.99	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	15.31	1.36	16.67	46.45	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	14.12	1.36	15.48	35.32	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	14.16	1.36	15.52	35.65	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	13.99	1.36	15.35	34.28	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	13.82	1.36	15.18	32.96	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	12.16	1.36	13.52	22.49	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	11.98	1.36	13.34	21.58	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	11.79	1.36	13.15	20.65	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	13.59	1.36	14.95	31.26	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	15.2	1.36	16.56	45.29	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	15.22	1.36	16.58	45.5	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	15.03	1.36	16.39	43.55	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	13.6	1.36	14.96	31.33	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	14.65	1.36	16.01	39.9	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	14.53	1.36	15.89	38.82	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	14.26	1.36	15.62	36.48	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	13.1	1.36	14.46	27.93	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	12.66	1.36	14.02	25.23	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	12.83	1.36	14.19	26.24	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	12.72	1.36	14.08	25.59	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	10.09	1.36	11.45	13.96	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	10.15	1.36	11.51	14.16	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	10.05	1.36	11.41	13.84	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	9.95	1.36	11.31	13.52	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	16.19	1.36	17.55	56.89	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	15.8	1.36	17.16	52	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	16.66	1.36	18.02	63.39	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	16.41	1.36	17.77	59.84	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	15.71	1.36	17.07	50.93	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	16.7	1.36	18.06	63.97	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	16.6	1.36	17.96	62.52	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	16.46	1.36	17.82	60.53	1000	PASS

n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	14.57	1.36	15.93	39.17	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	15.72	1.36	17.08	51.05	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	15.49	1.36	16.85	48.42	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	15.36	1.36	16.72	46.99	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	14.07	1.36	15.43	34.91	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	14.13	1.36	15.49	35.4	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	13.89	1.36	15.25	33.5	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	13.75	1.36	15.11	32.43	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	11.87	1.36	13.23	21.04	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	11.71	1.36	13.07	20.28	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	15.22	1.36	16.58	45.5	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	15.17	1.36	16.53	44.98	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	15.13	1.36	16.49	44.57	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	15.01	1.36	16.37	43.35	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	13.56	1.36	14.92	31.05	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	14.61	1.36	15.97	39.54	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	14.43	1.36	15.79	37.93	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	14.3	1.36	15.66	36.81	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	13.07	1.36	14.43	27.73	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	13.21	1.36	14.57	28.64	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	12.7	1.36	14.06	25.47	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	12.58	1.36	13.94	24.77	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	10.06	1.36	11.42	13.87	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	10.11	1.36	11.47	14.03	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	9.96	1.36	11.32	13.55	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	9.85	1.36	11.21	13.21	1000	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	18.17	1.36	19.53	89.74	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	18.54	1.36	19.9	97.72	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	18.57	1.36	19.93	98.4	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	18.66	1.36	20.02	100.46	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	17.56	1.36	18.92	77.98	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	18.6	1.36	19.96	99.08	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	18.63	1.36	19.99	99.77	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	18.67	1.36	20.03	100.69	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	16.64	1.36	18	63.1	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	17.62	1.36	18.98	79.07	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	17.49	1.36	18.85	76.74	1000	PASS

n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	17.51	1.36	18.87	77.09	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	16.15	1.36	17.51	56.36	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	16.13	1.36	17.49	56.1	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	16.05	1.36	17.41	55.08	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	16.1	1.36	17.46	55.72	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	14.01	1.36	15.37	34.43	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	14.22	1.36	15.58	36.14	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	13.95	1.36	15.31	33.96	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	13.96	1.36	15.32	34.04	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	15.58	1.36	16.94	49.43	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	17.07	1.36	18.43	69.66	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	17.1	1.36	18.46	70.15	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	17.11	1.36	18.47	70.31	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	16.67	1.36	18.03	63.53	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	16.54	1.36	17.9	61.66	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	16.7	1.36	18.06	63.97	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	15.15	1.36	16.51	44.77	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	15.24	1.36	16.6	45.71	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	14.9	1.36	16.26	42.27	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	14.91	1.36	16.27	42.36	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	11.98	1.36	13.34	21.58	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	12.11	1.36	13.47	22.23	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	12.04	1.36	13.4	21.88	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	18.18	1.36	19.54	89.95	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	18.61	1.36	19.97	99.31	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	18.62	1.36	19.98	99.54	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	18.61	1.36	19.97	99.31	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	17.63	1.36	18.99	79.25	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	18.62	1.36	19.98	99.54	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	18.68	1.36	20.04	100.93	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	17.68	1.36	19.04	80.17	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	17.49	1.36	18.85	76.74	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	17.55	1.36	18.91	77.8	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	16.21	1.36	17.57	57.15	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	16.15	1.36	17.51	56.36	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	15.99	1.36	17.35	54.33	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	16.07	1.36	17.43	55.34	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	14.02	1.36	15.38	34.51	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	14.19	1.36	15.55	35.89	1000	PASS

n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	13.93	1.36	15.29	33.81	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	13.92	1.36	15.28	33.73	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	15.62	1.36	16.98	49.89	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	17.1	1.36	18.46	70.15	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	17.14	1.36	18.5	70.79	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	17.16	1.36	18.52	71.12	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	15.61	1.36	16.97	49.77	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	16.76	1.36	18.12	64.86	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	15.19	1.36	16.55	45.19	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	15.32	1.36	16.68	46.56	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	14.94	1.36	16.3	42.66	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	14.88	1.36	16.24	42.07	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	12.02	1.36	13.38	21.78	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	12.02	1.36	13.38	21.78	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	18.28	1.36	19.64	92.04	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	18.77	1.36	20.13	103.04	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	18.73	1.36	20.09	102.09	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	18.74	1.36	20.1	102.33	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	17.72	1.36	19.08	80.91	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	18.71	1.36	20.07	101.62	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	18.8	1.36	20.16	103.75	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	18.76	1.36	20.12	102.8	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	16.84	1.36	18.2	66.07	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	17.77	1.36	19.13	81.85	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	17.66	1.36	19.02	79.8	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	17.63	1.36	18.99	79.25	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	16.33	1.36	17.69	58.75	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	16.28	1.36	17.64	58.08	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	16.24	1.36	17.6	57.54	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	16.2	1.36	17.56	57.02	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	14.22	1.36	15.58	36.14	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	14.26	1.36	15.62	36.48	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	15.66	1.36	17.02	50.35	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	17.17	1.36	18.53	71.29	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	17.3	1.36	18.66	73.45	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	17.25	1.36	18.61	72.61	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	15.55	1.36	16.91	49.09	1000	PASS

n78(3450-3550)	30	10	636332	12@6	CP_16QAM	16.86	1.36	18.22	66.37	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	16.88	1.36	18.24	66.68	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	16.83	1.36	18.19	65.92	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	15.27	1.36	16.63	46.03	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	15.45	1.36	16.81	47.97	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	15.08	1.36	16.44	44.06	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	15.07	1.36	16.43	43.95	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	12.1	1.36	13.46	22.18	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	12.22	1.36	13.58	22.8	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	12.15	1.36	13.51	22.44	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	18.1	1.36	19.46	88.31	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	18.52	1.36	19.88	97.27	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	18.63	1.36	19.99	99.77	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	17.61	1.36	18.97	78.89	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	18.71	1.36	20.07	101.62	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	18.57	1.36	19.93	98.4	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	18.65	1.36	20.01	100.23	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	16.61	1.36	17.97	62.66	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	17.62	1.36	18.98	79.07	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	17.39	1.36	18.75	74.99	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	17.47	1.36	18.83	76.38	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	16.09	1.36	17.45	55.59	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	16.16	1.36	17.52	56.49	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	16.05	1.36	17.41	55.08	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	16.12	1.36	17.48	55.98	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	14.02	1.36	15.38	34.51	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	14.06	1.36	15.42	34.83	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	14.02	1.36	15.38	34.51	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	13.98	1.36	15.34	34.2	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	15.58	1.36	16.94	49.43	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	17.07	1.36	18.43	69.66	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	17.07	1.36	18.43	69.66	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	17.14	1.36	18.5	70.79	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	15.64	1.36	17	50.12	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	16.62	1.36	17.98	62.81	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	16.6	1.36	17.96	62.52	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	16.64	1.36	18	63.1	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	15.13	1.36	16.49	44.57	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	15.12	1.36	16.48	44.46	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	14.86	1.36	16.22	41.88	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	14.89	1.36	16.25	42.17	1000	PASS

n78(3450-3550)	30	15	630500	38@0	CP_256QAM	12.1	1.36	13.46	22.18	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	12.15	1.36	13.51	22.44	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	12.05	1.36	13.41	21.93	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	18.1	1.36	19.46	88.31	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	18.61	1.36	19.97	99.31	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	18.62	1.36	19.98	99.54	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	17.66	1.36	19.02	79.8	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	18.74	1.36	20.1	102.33	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	18.62	1.36	19.98	99.54	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	18.65	1.36	20.01	100.23	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	17.68	1.36	19.04	80.17	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	17.39	1.36	18.75	74.99	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	17.44	1.36	18.8	75.86	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	16.13	1.36	17.49	56.1	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	16.29	1.36	17.65	58.21	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	16.12	1.36	17.48	55.98	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	16.15	1.36	17.51	56.36	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	14.01	1.36	15.37	34.43	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	14.08	1.36	15.44	34.99	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	13.93	1.36	15.29	33.81	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	13.94	1.36	15.3	33.88	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	15.58	1.36	16.94	49.43	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	17.11	1.36	18.47	70.31	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	17.12	1.36	18.48	70.47	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	17.17	1.36	18.53	71.29	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	15.63	1.36	16.99	50	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	16.66	1.36	18.02	63.39	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	15.13	1.36	16.49	44.57	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	15.13	1.36	16.49	44.57	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	14.88	1.36	16.24	42.07	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	14.88	1.36	16.24	42.07	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	12.05	1.36	13.41	21.93	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	12	1.36	13.36	21.68	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	12.02	1.36	13.38	21.78	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	18.25	1.36	19.61	91.41	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	18.8	1.36	20.16	103.75	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	18.77	1.36	20.13	103.04	1000	PASS

n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	17.74	1.36	19.1	81.28	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	18.78	1.36	20.14	103.28	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	18.79	1.36	20.15	103.51	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	18.76	1.36	20.12	102.8	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	16.73	1.36	18.09	64.42	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	17.82	1.36	19.18	82.79	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	17.61	1.36	18.97	78.89	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	16.21	1.36	17.57	57.15	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	16.36	1.36	17.72	59.16	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	16.29	1.36	17.65	58.21	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	16.28	1.36	17.64	58.08	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	14.15	1.36	15.51	35.56	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	14.14	1.36	15.5	35.48	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	14.11	1.36	15.47	35.24	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	15.69	1.36	17.05	50.7	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	17.24	1.36	18.6	72.44	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	17.29	1.36	18.65	73.28	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	17.27	1.36	18.63	72.95	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	15.76	1.36	17.12	51.52	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	16.74	1.36	18.1	64.57	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	16.84	1.36	18.2	66.07	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	16.81	1.36	18.17	65.61	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	15.29	1.36	16.65	46.24	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	15.28	1.36	16.64	46.13	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	15.04	1.36	16.4	43.65	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	15	1.36	16.36	43.25	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	12.21	1.36	13.57	22.75	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	12.29	1.36	13.65	23.17	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	12.15	1.36	13.51	22.44	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	12.15	1.36	13.51	22.44	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.15	1.36	19.51	89.33	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	18.59	1.36	19.95	98.86	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	18.6	1.36	19.96	99.08	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	18.63	1.36	19.99	99.77	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	17.66	1.36	19.02	79.8	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	18.67	1.36	20.03	100.69	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	18.58	1.36	19.94	98.63	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	18.63	1.36	19.99	99.77	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	17.7	1.36	19.06	80.54	1000	PASS

n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	17.42	1.36	18.78	75.51	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	17.46	1.36	18.82	76.21	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	16.11	1.36	17.47	55.85	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	16.15	1.36	17.51	56.36	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	15.99	1.36	17.35	54.33	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	16.04	1.36	17.4	54.95	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	14.14	1.36	15.5	35.48	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	14.04	1.36	15.4	34.67	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	14.02	1.36	15.38	34.51	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	15.65	1.36	17.01	50.23	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	17.18	1.36	18.54	71.45	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	17.07	1.36	18.43	69.66	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	17.15	1.36	18.51	70.96	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	15.65	1.36	17.01	50.23	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	16.72	1.36	18.08	64.27	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	16.56	1.36	17.92	61.94	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	15.22	1.36	16.58	45.5	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	15.21	1.36	16.57	45.39	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	14.83	1.36	16.19	41.59	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	14.89	1.36	16.25	42.17	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	12.17	1.36	13.53	22.54	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	12.13	1.36	13.49	22.34	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.19	1.36	19.55	90.16	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	18.68	1.36	20.04	100.93	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	18.58	1.36	19.94	98.63	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	18.62	1.36	19.98	99.54	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	17.66	1.36	19.02	79.8	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	18.73	1.36	20.09	102.09	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	18.57	1.36	19.93	98.4	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	16.64	1.36	18	63.1	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	17.69	1.36	19.05	80.35	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	17.39	1.36	18.75	74.99	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	17.42	1.36	18.78	75.51	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	16.11	1.36	17.47	55.85	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	16.19	1.36	17.55	56.89	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	16.07	1.36	17.43	55.34	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	16.14	1.36	17.5	56.23	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	14	1.36	15.36	34.36	1000	PASS

n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	14.07	1.36	15.43	34.91	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	13.91	1.36	15.27	33.65	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	13.94	1.36	15.3	33.88	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	15.55	1.36	16.91	49.09	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	17.25	1.36	18.61	72.61	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	17.12	1.36	18.48	70.47	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	17.11	1.36	18.47	70.31	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	15.62	1.36	16.98	49.89	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	16.76	1.36	18.12	64.86	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	16.59	1.36	17.95	62.37	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	16.6	1.36	17.96	62.52	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	15.14	1.36	16.5	44.67	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	15.31	1.36	16.67	46.45	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	14.91	1.36	16.27	42.36	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	14.91	1.36	16.27	42.36	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	12.01	1.36	13.37	21.73	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	12.1	1.36	13.46	22.18	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	12.01	1.36	13.37	21.73	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	12.01	1.36	13.37	21.73	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.25	1.36	19.61	91.41	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	18.79	1.36	20.15	103.51	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	18.7	1.36	20.06	101.39	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	17.77	1.36	19.13	81.85	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	18.82	1.36	20.18	104.23	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	18.71	1.36	20.07	101.62	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	18.68	1.36	20.04	100.93	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	16.73	1.36	18.09	64.42	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	17.81	1.36	19.17	82.6	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	17.53	1.36	18.89	77.45	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	16.24	1.36	17.6	57.54	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	16.24	1.36	17.6	57.54	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	16.23	1.36	17.59	57.41	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	16.14	1.36	17.5	56.23	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	14.15	1.36	15.51	35.56	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	14.15	1.36	15.51	35.56	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	14.08	1.36	15.44	34.99	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	15.74	1.36	17.1	51.29	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	17.29	1.36	18.65	73.28	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	17.28	1.36	18.64	73.11	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	17.18	1.36	18.54	71.45	1000	PASS

n78(3450-3550)	30	20	636000	51@0	CP_16QAM	15.74	1.36	17.1	51.29	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	16.9	1.36	18.26	66.99	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	16.73	1.36	18.09	64.42	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	16.6	1.36	17.96	62.52	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	15.23	1.36	16.59	45.6	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	15.31	1.36	16.67	46.45	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	15.02	1.36	16.38	43.45	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	14.96	1.36	16.32	42.85	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	12.22	1.36	13.58	22.8	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	12.19	1.36	13.55	22.65	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	12.15	1.36	13.51	22.44	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	12.16	1.36	13.52	22.49	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	16.93	1.36	18.29	67.45	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	17.52	1.36	18.88	77.27	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	17.43	1.36	18.79	75.68	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	17.35	1.36	18.71	74.3	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	16.52	1.36	17.88	61.38	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	17.52	1.36	18.88	77.27	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	17.47	1.36	18.83	76.38	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	17.4	1.36	18.76	75.16	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	16.48	1.36	17.84	60.81	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	16.29	1.36	17.65	58.21	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	16.23	1.36	17.59	57.41	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	14.96	1.36	16.32	42.85	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	15.06	1.36	16.42	43.85	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	15.04	1.36	16.4	43.65	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	14.9	1.36	16.26	42.27	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	12.85	1.36	14.21	26.36	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	12.87	1.36	14.23	26.49	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	12.8	1.36	14.16	26.06	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	12.72	1.36	14.08	25.59	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	14.36	1.36	15.72	37.33	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	16	1.36	17.36	54.45	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	15.99	1.36	17.35	54.33	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	15.92	1.36	17.28	53.46	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	14.4	1.36	15.76	37.67	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	15.49	1.36	16.85	48.42	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	15.52	1.36	16.88	48.75	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	15.41	1.36	16.77	47.53	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	13.87	1.36	15.23	33.34	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	13.93	1.36	15.29	33.81	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	13.62	1.36	14.98	31.48	1000	PASS

n78(3450-3550)	30	40	631334	1@104	CP_64QAM	13.52	1.36	14.88	30.76	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	10.83	1.36	12.19	16.56	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	10.91	1.36	12.27	16.87	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	10.91	1.36	12.27	16.87	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	10.8	1.36	12.16	16.44	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	17.36	1.36	18.72	74.47	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	17.45	1.36	18.81	76.03	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	17.41	1.36	18.77	75.34	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	16.55	1.36	17.91	61.8	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	17.52	1.36	18.88	77.27	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	17.44	1.36	18.8	75.86	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	15.55	1.36	16.91	49.09	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	16.09	1.36	17.45	55.59	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	16.32	1.36	17.68	58.61	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	16.27	1.36	17.63	57.94	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	15.05	1.36	16.41	43.75	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	15.02	1.36	16.38	43.45	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	15.03	1.36	16.39	43.55	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	14.95	1.36	16.31	42.76	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	12.89	1.36	14.25	26.61	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	12.94	1.36	14.3	26.92	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	12.7	1.36	14.06	25.47	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	12.81	1.36	14.17	26.12	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	14.42	1.36	15.78	37.84	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	16.06	1.36	17.42	55.21	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	16.09	1.36	17.45	55.59	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	15.98	1.36	17.34	54.2	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	14.45	1.36	15.81	38.11	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	15.54	1.36	16.9	48.98	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	15.57	1.36	16.93	49.32	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	13.36	1.36	14.72	29.65	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	13.93	1.36	15.29	33.81	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	14	1.36	15.36	34.36	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_64QAM	13.6	1.36	14.96	31.33	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	13.67	1.36	15.03	31.84	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	10.91	1.36	12.27	16.87	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	10.97	1.36	12.33	17.1	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	10.82	1.36	12.18	16.52	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	10.91	1.36	12.27	16.87	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	17.65	1.36	19.01	79.62	1000	PASS

n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	17.53	1.36	18.89	77.45	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	17.45	1.36	18.81	76.03	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	17.63	1.36	18.99	79.25	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	17.59	1.36	18.95	78.52	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	17.55	1.36	18.91	77.8	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	15.62	1.36	16.98	49.89	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	16.11	1.36	17.47	55.85	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	16.36	1.36	17.72	59.16	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	15.15	1.36	16.51	44.77	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	15.13	1.36	16.49	44.57	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	15.01	1.36	16.37	43.35	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	14.95	1.36	16.31	42.76	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	13.06	1.36	14.42	27.67	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	13.04	1.36	14.4	27.54	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	12.94	1.36	14.3	26.92	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	12.89	1.36	14.25	26.61	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	14.56	1.36	15.92	39.08	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	16.18	1.36	17.54	56.75	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	16.09	1.36	17.45	55.59	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	16	1.36	17.36	54.45	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	14.58	1.36	15.94	39.26	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	15.61	1.36	16.97	49.77	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	15.51	1.36	16.87	48.64	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	15.51	1.36	16.87	48.64	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	14.2	1.36	15.56	35.97	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	14.07	1.36	15.43	34.91	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	13.83	1.36	15.19	33.04	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	13.72	1.36	15.08	32.21	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	11.07	1.36	12.43	17.5	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	11.06	1.36	12.42	17.46	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	11.04	1.36	12.4	17.38	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	10.98	1.36	12.34	17.14	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	16.66	1.36	18.02	63.39	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	17.4	1.36	18.76	75.16	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	17.41	1.36	18.77	75.34	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	16.48	1.36	17.84	60.81	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	17.51	1.36	18.87	77.09	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	17.44	1.36	18.8	75.86	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	17.46	1.36	18.82	76.21	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	15.48	1.36	16.84	48.31	1000	PASS

n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	16.4	1.36	17.76	59.7	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	16.23	1.36	17.59	57.41	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	16.27	1.36	17.63	57.94	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	14.23	1.36	15.59	36.22	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	14.95	1.36	16.31	42.76	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	14.97	1.36	16.33	42.95	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	14.97	1.36	16.33	42.95	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	12.88	1.36	14.24	26.55	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	12.88	1.36	14.24	26.55	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	12.76	1.36	14.12	25.82	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	12.74	1.36	14.1	25.7	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	14.33	1.36	15.69	37.07	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	15.97	1.36	17.33	54.08	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	15.95	1.36	17.31	53.83	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	16	1.36	17.36	54.45	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_16QAM	14.33	1.36	15.69	37.07	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_16QAM	15.51	1.36	16.87	48.64	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_16QAM	15.55	1.36	16.91	49.09	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_16QAM	15.52	1.36	16.88	48.75	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_64QAM	13.86	1.36	15.22	33.27	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_64QAM	13.89	1.36	15.25	33.5	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_64QAM	13.36	1.36	14.72	29.65	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_64QAM	13.5	1.36	14.86	30.62	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_256QAM	10.84	1.36	12.2	16.6	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_256QAM	10.85	1.36	12.21	16.63	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_256QAM	10.81	1.36	12.17	16.48	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_256QAM	10.79	1.36	12.15	16.41	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	17.1	1.36	18.46	70.15	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	17.64	1.36	19	79.43	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	17.46	1.36	18.82	76.21	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	17.44	1.36	18.8	75.86	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	16.56	1.36	17.92	61.94	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	17.6	1.36	18.96	78.7	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	17.5	1.36	18.86	76.91	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	17.46	1.36	18.82	76.21	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	15.56	1.36	16.92	49.2	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	16.52	1.36	17.88	61.38	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	16.31	1.36	17.67	58.48	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	16.33	1.36	17.69	58.75	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	15.06	1.36	16.42	43.85	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	14.5	1.36	15.86	38.55	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	14.99	1.36	16.35	43.15	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	14.98	1.36	16.34	43.05	1000	PASS

n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	12.93	1.36	14.29	26.85	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	12.98	1.36	14.34	27.16	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	12.71	1.36	14.07	25.53	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	12.8	1.36	14.16	26.06	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	14.44	1.36	15.8	38.02	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	16.06	1.36	17.42	55.21	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	16.07	1.36	17.43	55.34	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	15.98	1.36	17.34	54.2	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_16QAM	14.4	1.36	15.76	37.67	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_16QAM	15.59	1.36	16.95	49.55	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_16QAM	15.63	1.36	16.99	50	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_16QAM	15.45	1.36	16.81	47.97	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	13.93	1.36	15.29	33.81	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_64QAM	13.99	1.36	15.35	34.28	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_64QAM	13.53	1.36	14.89	30.83	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_64QAM	13.23	1.36	14.59	28.77	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	10.9	1.36	12.26	16.83	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_256QAM	10.96	1.36	12.32	17.06	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_256QAM	10.79	1.36	12.15	16.41	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_256QAM	10.83	1.36	12.19	16.56	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	17.12	1.36	18.48	70.47	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	17.52	1.36	18.88	77.27	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	17.37	1.36	18.73	74.64	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	16.6	1.36	17.96	62.52	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	17.53	1.36	18.89	77.45	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	17.54	1.36	18.9	77.62	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	17.43	1.36	18.79	75.68	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	15.63	1.36	16.99	50	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	16.47	1.36	17.83	60.67	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	16.38	1.36	17.74	59.43	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	16.3	1.36	17.66	58.34	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	15.05	1.36	16.41	43.75	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	15.26	1.36	16.62	45.92	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	15.13	1.36	16.49	44.57	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	15.03	1.36	16.39	43.55	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	12.97	1.36	14.33	27.1	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	12.95	1.36	14.31	26.98	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	12.8	1.36	14.16	26.06	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	12.75	1.36	14.11	25.76	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	14.46	1.36	15.82	38.19	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	15.98	1.36	17.34	54.2	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	16.23	1.36	17.59	57.41	1000	PASS

n78(3450-3550)	30	50	635000	1@131	CP_QPSK	16.04	1.36	17.4	54.95	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	14.45	1.36	15.81	38.11	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_16QAM	15.51	1.36	16.87	48.64	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_16QAM	15.66	1.36	17.02	50.35	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_16QAM	15.51	1.36	16.87	48.64	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	13.94	1.36	15.3	33.88	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_64QAM	13.96	1.36	15.32	34.04	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_64QAM	13.6	1.36	14.96	31.33	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_64QAM	13.22	1.36	14.58	28.71	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	10.9	1.36	12.26	16.83	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_256QAM	10.93	1.36	12.29	16.94	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_256QAM	10.87	1.36	12.23	16.71	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_256QAM	10.82	1.36	12.18	16.52	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	16.95	1.36	18.31	67.76	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	17.47	1.36	18.83	76.38	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	17.4	1.36	18.76	75.16	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	17.39	1.36	18.75	74.99	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	16.48	1.36	17.84	60.81	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	17.54	1.36	18.9	77.62	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	17.45	1.36	18.81	76.03	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	17.42	1.36	18.78	75.51	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	15.47	1.36	16.83	48.19	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	16.48	1.36	17.84	60.81	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	16.26	1.36	17.62	57.81	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	16.23	1.36	17.59	57.41	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	14.96	1.36	16.32	42.85	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	14.16	1.36	15.52	35.65	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	14.89	1.36	16.25	42.17	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	14.86	1.36	16.22	41.88	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	12.87	1.36	14.23	26.49	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	12.85	1.36	14.21	26.36	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	12.79	1.36	14.15	26	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	12.77	1.36	14.13	25.88	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	14.36	1.36	15.72	37.33	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	15.96	1.36	17.32	53.95	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	15.96	1.36	17.32	53.95	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	15.89	1.36	17.25	53.09	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	14.35	1.36	15.71	37.24	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_16QAM	15.45	1.36	16.81	47.97	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_16QAM	15.41	1.36	16.77	47.53	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_16QAM	15.4	1.36	16.76	47.42	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	13.89	1.36	15.25	33.5	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_64QAM	13.84	1.36	15.2	33.11	1000	PASS

n78(3450-3550)	30	60	632000	1@1	CP_64QAM	13.58	1.36	14.94	31.19	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_64QAM	13.53	1.36	14.89	30.83	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	10.87	1.36	12.23	16.71	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_256QAM	10.83	1.36	12.19	16.56	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_256QAM	10.87	1.36	12.23	16.71	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_256QAM	10.8	1.36	12.16	16.44	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	17	1.36	18.36	68.55	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	17.58	1.36	18.94	78.34	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	17.48	1.36	18.84	76.56	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	17.42	1.36	18.78	75.51	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	17.62	1.36	18.98	79.07	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	17.51	1.36	18.87	77.09	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	17.44	1.36	18.8	75.86	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	15.51	1.36	16.87	48.64	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	16.36	1.36	17.72	59.16	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	16.29	1.36	17.65	58.21	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	15.04	1.36	16.4	43.65	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	15.03	1.36	16.39	43.55	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	15.03	1.36	16.39	43.55	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	14.93	1.36	16.29	42.56	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	12.91	1.36	14.27	26.73	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	12.94	1.36	14.3	26.92	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	12.78	1.36	14.14	25.94	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	12.78	1.36	14.14	25.94	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	14.4	1.36	15.76	37.67	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	16.14	1.36	17.5	56.23	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	16.05	1.36	17.41	55.08	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	16.35	1.36	17.71	59.02	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	14.38	1.36	15.74	37.5	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_16QAM	15.54	1.36	16.9	48.98	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_16QAM	15.56	1.36	16.92	49.2	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_16QAM	15.5	1.36	16.86	48.53	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	13.88	1.36	15.24	33.42	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_64QAM	13.96	1.36	15.32	34.04	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_64QAM	13.56	1.36	14.92	31.05	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_64QAM	13.57	1.36	14.93	31.12	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	10.23	1.36	11.59	14.42	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_256QAM	10.91	1.36	12.27	16.87	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_256QAM	10.88	1.36	12.24	16.75	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_256QAM	10.86	1.36	12.22	16.67	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	17.03	1.36	18.39	69.02	1000	PASS

n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	17.57	1.36	18.93	78.16	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	17.41	1.36	18.77	75.34	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	17.38	1.36	18.74	74.82	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	17.25	1.36	18.61	72.61	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	17.58	1.36	18.94	78.34	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	17.45	1.36	18.81	76.03	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	17.42	1.36	18.78	75.51	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	15.52	1.36	16.88	48.75	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	16.59	1.36	17.95	62.37	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	16.29	1.36	17.65	58.21	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	16.2	1.36	17.56	57.02	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	15.03	1.36	16.39	43.55	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	15.12	1.36	16.48	44.46	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	14.95	1.36	16.31	42.76	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	14.79	1.36	16.15	41.21	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	13.21	1.36	14.57	28.64	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	13	1.36	14.36	27.29	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	12.8	1.36	14.16	26.06	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	12.74	1.36	14.1	25.7	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	14.43	1.36	15.79	37.93	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	16.02	1.36	17.38	54.7	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	15.94	1.36	17.3	53.7	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	15.88	1.36	17.24	52.97	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	14.44	1.36	15.8	38.02	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_16QAM	15.26	1.36	16.62	45.92	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_16QAM	15.46	1.36	16.82	48.08	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_16QAM	15.21	1.36	16.57	45.39	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	13.95	1.36	15.31	33.96	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_64QAM	13.97	1.36	15.33	34.12	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_64QAM	13.6	1.36	14.96	31.33	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_64QAM	13.55	1.36	14.91	30.97	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	10.91	1.36	12.27	16.87	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_256QAM	10.95	1.36	12.31	17.02	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_256QAM	10.85	1.36	12.21	16.63	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_256QAM	10.8	1.36	12.16	16.44	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	18.12	1.36	19.48	88.72	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	18.56	1.36	19.92	98.17	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	18.41	1.36	19.77	94.84	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	17.63	1.36	18.99	79.25	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	18.62	1.36	19.98	99.54	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	18.54	1.36	19.9	97.72	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	18.46	1.36	19.82	95.94	1000	PASS

n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	17.63	1.36	18.99	79.25	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	17.38	1.36	18.74	74.82	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	17.27	1.36	18.63	72.95	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	16.17	1.36	17.53	56.62	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	16.32	1.36	17.68	58.61	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	16	1.36	17.36	54.45	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	15.86	1.36	17.22	52.72	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	14.07	1.36	15.43	34.91	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	14.08	1.36	15.44	34.99	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	13.21	1.36	14.57	28.64	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	13.83	1.36	15.19	33.04	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	15.67	1.36	17.03	50.47	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	17.14	1.36	18.5	70.79	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	17.1	1.36	18.46	70.15	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	16.96	1.36	18.32	67.92	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	15.62	1.36	16.98	49.89	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_16QAM	16.62	1.36	17.98	62.81	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_16QAM	16.49	1.36	17.85	60.95	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_16QAM	16.44	1.36	17.8	60.26	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_64QAM	15.1	1.36	16.46	44.26	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_64QAM	15.1	1.36	16.46	44.26	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_64QAM	14.78	1.36	16.14	41.11	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_64QAM	14.7	1.36	16.06	40.36	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_256QAM	12.04	1.36	13.4	21.88	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_256QAM	11.88	1.36	13.24	21.09	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	17.68	1.36	19.04	80.17	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	18.73	1.36	20.09	102.09	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	18.68	1.36	20.04	100.93	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	18.5	1.36	19.86	96.83	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	17.68	1.36	19.04	80.17	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	18.71	1.36	20.07	101.62	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	18.68	1.36	20.04	100.93	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	18.56	1.36	19.92	98.17	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	16.72	1.36	18.08	64.27	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	17.7	1.36	19.06	80.54	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	17.52	1.36	18.88	77.27	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	17.36	1.36	18.72	74.47	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	16.2	1.36	17.56	57.02	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	16.21	1.36	17.57	57.15	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	16.11	1.36	17.47	55.85	1000	PASS

n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	15.98	1.36	17.34	54.2	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	14.1	1.36	15.46	35.16	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	14.15	1.36	15.51	35.56	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	14.36	1.36	15.72	37.33	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	13.9	1.36	15.26	33.57	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	15.72	1.36	17.08	51.05	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	17.21	1.36	18.57	71.94	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	17.24	1.36	18.6	72.44	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	17	1.36	18.36	68.55	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	15.69	1.36	17.05	50.7	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	16.71	1.36	18.07	64.12	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	16.66	1.36	18.02	63.39	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	16.44	1.36	17.8	60.26	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	15.16	1.36	16.52	44.87	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	15.19	1.36	16.55	45.19	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	14.97	1.36	16.33	42.95	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	14.79	1.36	16.15	41.21	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	12.21	1.36	13.57	22.75	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	12.11	1.36	13.47	22.23	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	12.11	1.36	13.47	22.23	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	11.93	1.36	13.29	21.33	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	17.56	1.36	18.92	77.98	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	18.75	1.36	20.11	102.57	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	18.66	1.36	20.02	100.46	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	18.48	1.36	19.84	96.38	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	17.7	1.36	19.06	80.54	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	18.69	1.36	20.05	101.16	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	18.69	1.36	20.05	101.16	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	18.53	1.36	19.89	97.5	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	16.73	1.36	18.09	64.42	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	17.73	1.36	19.09	81.1	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	17.49	1.36	18.85	76.74	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	17.29	1.36	18.65	73.28	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	16.25	1.36	17.61	57.68	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	16.23	1.36	17.59	57.41	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	16.07	1.36	17.43	55.34	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	15.99	1.36	17.35	54.33	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	14.12	1.36	15.48	35.32	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	14.18	1.36	15.54	35.81	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	13.98	1.36	15.34	34.2	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	13.87	1.36	15.23	33.34	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	15.75	1.36	17.11	51.4	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	17.2	1.36	18.56	71.78	1000	PASS

n78(3450-3550)	30	70	634332	1@1	CP_QPSK	17.19	1.36	18.55	71.61	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	17.02	1.36	18.38	68.87	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	15.71	1.36	17.07	50.93	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	16.73	1.36	18.09	64.42	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	16.62	1.36	17.98	62.81	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	16.46	1.36	17.82	60.53	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	15.18	1.36	16.54	45.08	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	15.18	1.36	16.54	45.08	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	14.95	1.36	16.31	42.76	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	14.56	1.36	15.92	39.08	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	12.13	1.36	13.49	22.34	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	12.05	1.36	13.41	21.93	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	18.18	1.36	19.54	89.95	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	18.7	1.36	20.06	101.39	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	18.68	1.36	20.04	100.93	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	18.55	1.36	19.91	97.95	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	17.68	1.36	19.04	80.17	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	18.71	1.36	20.07	101.62	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	18.54	1.36	19.9	97.72	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	17.7	1.36	19.06	80.54	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	17.51	1.36	18.87	77.09	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	17.37	1.36	18.73	74.64	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	16.14	1.36	17.5	56.23	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	16.21	1.36	17.57	57.15	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	16.16	1.36	17.52	56.49	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	16.05	1.36	17.41	55.08	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	14.11	1.36	15.47	35.24	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	14.14	1.36	15.5	35.48	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	14.07	1.36	15.43	34.91	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	13.9	1.36	15.26	33.57	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	15.66	1.36	17.02	50.35	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	17.2	1.36	18.56	71.78	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	17.16	1.36	18.52	71.12	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	17.01	1.36	18.37	68.71	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	15.69	1.36	17.05	50.7	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	16.7	1.36	18.06	63.97	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	16.68	1.36	18.04	63.68	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	16.54	1.36	17.9	61.66	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	15.21	1.36	16.57	45.39	1000	PASS

n78(3450-3550)	30	80	632668	109@54	CP_64QAM	15.16	1.36	16.52	44.87	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	14.96	1.36	16.32	42.85	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	15.23	1.36	16.59	45.6	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	11.92	1.36	13.28	21.28	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	18.17	1.36	19.53	89.74	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	18.73	1.36	20.09	102.09	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	18.69	1.36	20.05	101.16	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	18.52	1.36	19.88	97.27	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	17.68	1.36	19.04	80.17	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	18.71	1.36	20.07	101.62	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	18.53	1.36	19.89	97.5	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	17.72	1.36	19.08	80.91	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	17.53	1.36	18.89	77.45	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	17.32	1.36	18.68	73.79	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	16.19	1.36	17.55	56.89	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	16.35	1.36	17.71	59.02	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	16.2	1.36	17.56	57.02	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	16.03	1.36	17.39	54.83	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	14.12	1.36	15.48	35.32	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	14.13	1.36	15.49	35.4	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	14.04	1.36	15.4	34.67	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	13.85	1.36	15.21	33.19	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	15.68	1.36	17.04	50.58	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	17.23	1.36	18.59	72.28	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	17.25	1.36	18.61	72.61	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	17.05	1.36	18.41	69.34	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	15.7	1.36	17.06	50.82	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	16.66	1.36	18.02	63.39	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	16.44	1.36	17.8	60.26	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	15.19	1.36	16.55	45.19	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	15.19	1.36	16.55	45.19	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	15.02	1.36	16.38	43.45	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	15.21	1.36	16.57	45.39	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	12.11	1.36	13.47	22.23	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	12.12	1.36	13.48	22.28	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	11.93	1.36	13.29	21.33	1000	PASS

n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	18.18	1.36	19.54	89.95	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	18.7	1.36	20.06	101.39	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	18.54	1.36	19.9	97.72	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	17.71	1.36	19.07	80.72	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	18.74	1.36	20.1	102.33	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	18.55	1.36	19.91	97.95	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	17.71	1.36	19.07	80.72	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	17.55	1.36	18.91	77.8	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	17.4	1.36	18.76	75.16	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	16.27	1.36	17.63	57.94	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	16.63	1.36	17.99	62.95	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	16.2	1.36	17.56	57.02	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	16.04	1.36	17.4	54.95	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	14.19	1.36	15.55	35.89	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	14.02	1.36	15.38	34.51	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	13.85	1.36	15.21	33.19	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	15.67	1.36	17.03	50.47	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	17.23	1.36	18.59	72.28	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	17.24	1.36	18.6	72.44	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	17.06	1.36	18.42	69.5	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	15.68	1.36	17.04	50.58	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	16.69	1.36	18.05	63.83	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	16.72	1.36	18.08	64.27	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	16.49	1.36	17.85	60.95	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	15.18	1.36	16.54	45.08	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	15.16	1.36	16.52	44.87	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	15.01	1.36	16.37	43.35	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_64QAM	15.12	1.36	16.48	44.46	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	12.05	1.36	13.41	21.93	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	12.17	1.36	13.53	22.54	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	11.92	1.36	13.28	21.28	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	18.16	1.36	19.52	89.54	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	18.53	1.36	19.89	97.5	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	18.43	1.36	19.79	95.28	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	17.66	1.36	19.02	79.8	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	18.69	1.36	20.05	101.16	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	18.55	1.36	19.91	97.95	1000	PASS

n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	18.44	1.36	19.8	95.5	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	17.72	1.36	19.08	80.91	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	17.38	1.36	18.74	74.82	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	17.21	1.36	18.57	71.94	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	16.16	1.36	17.52	56.49	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	15.24	1.36	16.6	45.71	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	15.94	1.36	17.3	53.7	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	15.91	1.36	17.27	53.33	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	14.06	1.36	15.42	34.83	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	14.11	1.36	15.47	35.24	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	14	1.36	15.36	34.36	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	13.79	1.36	15.15	32.73	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	15.62	1.36	16.98	49.89	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	17.15	1.36	18.51	70.96	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	17.06	1.36	18.42	69.5	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	16.91	1.36	18.27	67.14	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	15.59	1.36	16.95	49.55	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	16.61	1.36	17.97	62.66	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	16.54	1.36	17.9	61.66	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	16.4	1.36	17.76	59.7	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	15.15	1.36	16.51	44.77	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	15.16	1.36	16.52	44.87	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	14.77	1.36	16.13	41.02	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	15.26	1.36	16.62	45.92	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	12.04	1.36	13.4	21.88	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	12.02	1.36	13.38	21.78	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	11.84	1.36	13.2	20.89	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	18.13	1.36	19.49	88.92	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	18.63	1.36	19.99	99.77	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	18.52	1.36	19.88	97.27	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	17.71	1.36	19.07	80.72	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	18.73	1.36	20.09	102.09	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	18.65	1.36	20.01	100.23	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	18.53	1.36	19.89	97.5	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	16.68	1.36	18.04	63.68	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	17.73	1.36	19.09	81.1	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	17.49	1.36	18.85	76.74	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	17.29	1.36	18.65	73.28	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	16.16	1.36	17.52	56.49	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	16.24	1.36	17.6	57.54	1000	PASS

n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	16.13	1.36	17.49	56.1	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	15.87	1.36	17.23	52.84	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	14.11	1.36	15.47	35.24	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	14.15	1.36	15.51	35.56	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	14	1.36	15.36	34.36	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	13.87	1.36	15.23	33.34	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	15.63	1.36	16.99	50	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	17.17	1.36	18.53	71.29	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	17.17	1.36	18.53	71.29	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	17	1.36	18.36	68.55	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	15.6	1.36	16.96	49.66	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	16.64	1.36	18	63.1	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	16.6	1.36	17.96	62.52	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	16.46	1.36	17.82	60.53	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	15.18	1.36	16.54	45.08	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	15.21	1.36	16.57	45.39	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	14.88	1.36	16.24	42.07	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	15.32	1.36	16.68	46.56	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	12.06	1.36	13.42	21.98	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	12.07	1.36	13.43	22.03	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	12.05	1.36	13.41	21.93	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	11.92	1.36	13.28	21.28	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	18.24	1.36	19.6	91.2	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	18.74	1.36	20.1	102.33	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	18.66	1.36	20.02	100.46	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	18.43	1.36	19.79	95.28	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	17.74	1.36	19.1	81.28	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	18.77	1.36	20.13	103.04	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	18.72	1.36	20.08	101.86	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	18.46	1.36	19.82	95.94	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	16.74	1.36	18.1	64.57	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	17.75	1.36	19.11	81.47	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	17.52	1.36	18.88	77.27	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	17.3	1.36	18.66	73.45	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	16.19	1.36	17.55	56.89	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	15.68	1.36	17.04	50.58	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	16.12	1.36	17.48	55.98	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	15.87	1.36	17.23	52.84	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	14.11	1.36	15.47	35.24	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	14.19	1.36	15.55	35.89	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	14.05	1.36	15.41	34.75	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	13.81	1.36	15.17	32.89	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	15.65	1.36	17.01	50.23	1000	PASS

n78(3450-3550)	30	90	633666	123@61	CP_QPSK	17.21	1.36	18.57	71.94	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	17.23	1.36	18.59	72.28	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	17.02	1.36	18.38	68.87	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	15.62	1.36	16.98	49.89	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	16.7	1.36	18.06	63.97	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	16.59	1.36	17.95	62.37	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	16.47	1.36	17.83	60.67	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	15.2	1.36	16.56	45.29	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	15.22	1.36	16.58	45.5	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	14.97	1.36	16.33	42.95	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	14.26	1.36	15.62	36.48	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	12.14	1.36	13.5	22.39	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	12.13	1.36	13.49	22.34	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	11.94	1.36	13.3	21.38	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	18.14	1.36	19.5	89.13	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	18.74	1.36	20.1	102.33	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	18.43	1.36	19.79	95.28	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	17.64	1.36	19	79.43	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	18.73	1.36	20.09	102.09	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	18.64	1.36	20	100	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	18.43	1.36	19.79	95.28	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	16.65	1.36	18.01	63.24	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	17.71	1.36	19.07	80.72	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	17.45	1.36	18.81	76.03	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	17.27	1.36	18.63	72.95	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	16.18	1.36	17.54	56.75	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	16.35	1.36	17.71	59.02	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	16.05	1.36	17.41	55.08	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	15.83	1.36	17.19	52.36	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	14.09	1.36	15.45	35.08	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	14.14	1.36	15.5	35.48	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	14.02	1.36	15.38	34.51	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	13.75	1.36	15.11	32.43	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	15.65	1.36	17.01	50.23	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	17.18	1.36	18.54	71.45	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	17.12	1.36	18.48	70.47	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	16.94	1.36	18.3	67.61	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	15.68	1.36	17.04	50.58	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	16.64	1.36	18	63.1	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	16.59	1.36	17.95	62.37	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	16.47	1.36	17.83	60.67	1000	PASS

n78(3450-3550)	30	100	633334	273@0	CP_64QAM	15.14	1.36	16.5	44.67	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	15.16	1.36	16.52	44.87	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	14.88	1.36	16.24	42.07	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	15.25	1.36	16.61	45.81	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	12.08	1.36	13.44	22.08	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	12.11	1.36	13.47	22.23	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	12.09	1.36	13.45	22.13	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	11.85	1.36	13.21	20.94	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	16.62	1.7	18.32	67.92	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	17.11	1.7	18.81	76.03	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	16.32	1.7	18.02	63.39	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	17.41	1.7	19.11	81.47	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	16.08	1.7	17.78	59.98	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	17.09	1.7	18.79	75.68	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	16.36	1.7	18.06	63.97	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	17.4	1.7	19.1	81.28	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	15.09	1.7	16.79	47.75	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	16.07	1.7	17.77	59.84	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	15.21	1.7	16.91	49.09	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	16.21	1.7	17.91	61.8	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	14.62	1.7	16.32	42.85	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	14.66	1.7	16.36	43.25	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	13.88	1.7	15.58	36.14	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	14.79	1.7	16.49	44.57	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	12.58	1.7	14.28	26.79	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	12.64	1.7	14.34	27.16	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	11.86	1.7	13.56	22.7	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	12.78	1.7	14.48	28.05	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	14.11	1.7	15.81	38.11	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	15.6	1.7	17.3	53.7	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	14.94	1.7	16.64	46.13	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	16.05	1.7	17.75	59.57	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	14.1	1.7	15.8	38.02	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	15.14	1.7	16.84	48.31	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	14.42	1.7	16.12	40.93	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	15.34	1.7	17.04	50.58	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	13.57	1.7	15.27	33.65	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	13.62	1.7	15.32	34.04	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	12.68	1.7	14.38	27.42	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	13.62	1.7	15.32	34.04	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	10.54	1.7	12.24	16.75	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	10.6	1.7	12.3	16.98	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	9.96	1.7	11.66	14.66	1000	PASS

n77(3700-3980)	30	100	656000	1@271	CP_256QAM	10.89	1.7	12.59	18.16	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	16.57	1.7	18.27	67.14	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	17.07	1.7	18.77	75.34	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	16.82	1.7	18.52	71.12	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	16.97	1.7	18.67	73.62	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	16.05	1.7	17.75	59.57	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	17.05	1.7	18.75	74.99	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	16.84	1.7	18.54	71.45	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	16.99	1.7	18.69	73.96	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	14.91	1.7	16.61	45.81	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	16.02	1.7	17.72	59.16	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	15.69	1.7	17.39	54.83	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	15.82	1.7	17.52	56.49	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	14.44	1.7	16.14	41.11	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	14.49	1.7	16.19	41.59	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	14.26	1.7	15.96	39.45	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	14.3	1.7	16	39.81	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	12.43	1.7	14.13	25.88	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	12.48	1.7	14.18	26.18	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	12.23	1.7	13.93	24.72	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	12.29	1.7	13.99	25.06	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	13.93	1.7	15.63	36.56	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	15.54	1.7	17.24	52.97	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	15.33	1.7	17.03	50.47	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	15.49	1.7	17.19	52.36	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	13.92	1.7	15.62	36.48	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	14.96	1.7	16.66	46.34	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	14.76	1.7	16.46	44.26	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	14.84	1.7	16.54	45.08	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	13.4	1.7	15.1	32.36	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	13.45	1.7	15.15	32.73	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	13.04	1.7	14.74	29.79	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	13.14	1.7	14.84	30.48	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	10.39	1.7	12.09	16.18	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	10.47	1.7	12.17	16.48	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	10.29	1.7	11.99	15.81	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	10.41	1.7	12.11	16.26	1000	PASS

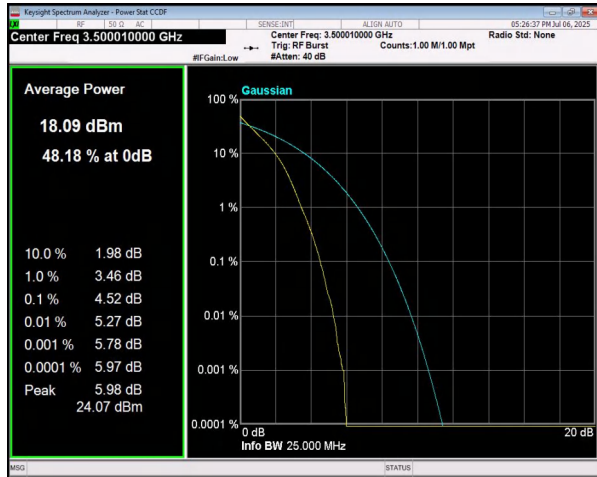
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-6.8	-0.00194	PASS
20	3	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-1.9	-0.00054	PASS
20	4.45	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-1.4	-0.0004	PASS
-30	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-6.4	-0.00183	PASS
-20	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-12.8	-0.00366	PASS
-10	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-13.8	-0.00394	PASS
0	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-5.4	-0.00154	PASS
10	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-2.2	-0.00063	PASS
30	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-8.6	-0.00246	PASS
40	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-3.3	-0.00094	PASS
50	3.87	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-0.1	-0.00003	PASS

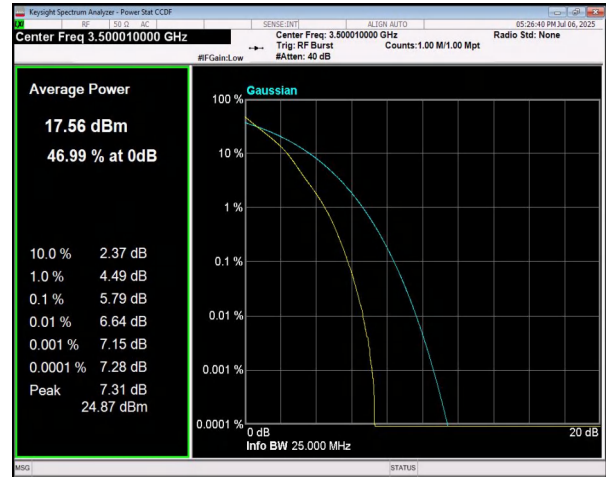
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

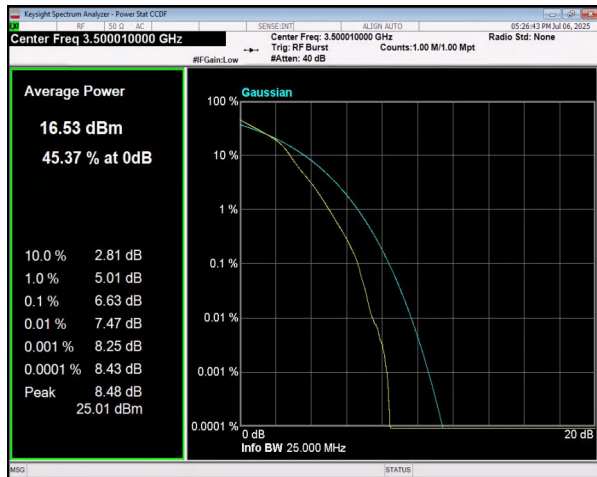
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.52	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.79	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.63	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.65	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.62	13	PASS



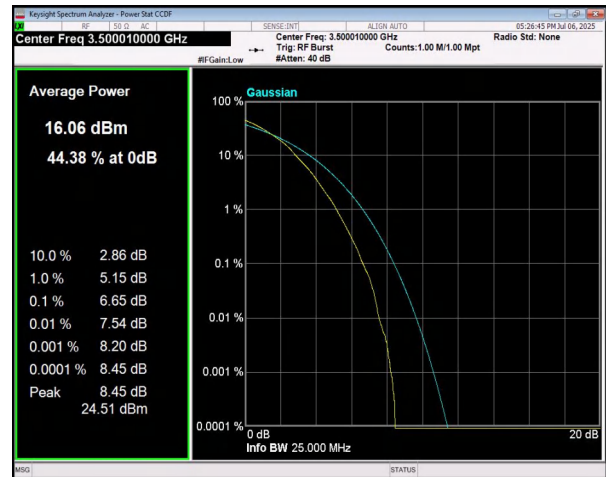
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



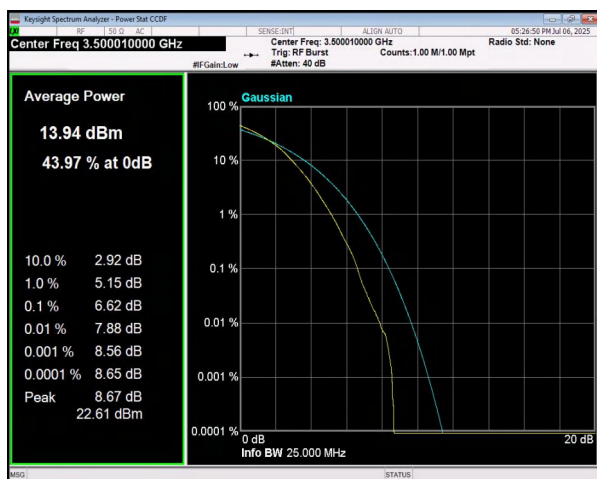
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz
Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=20MHz
Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT_64QAM BW=20MHz
Channel=633334 RB=50@0

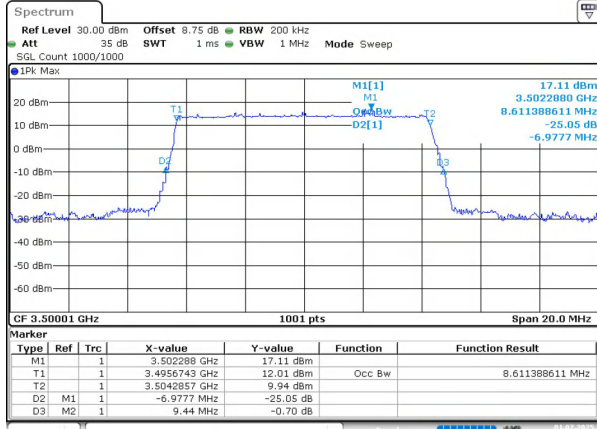


n78(3450-3550) SCS=30kHz DFT_256QAM BW=20MHz
Channel=633334 RB=50@0

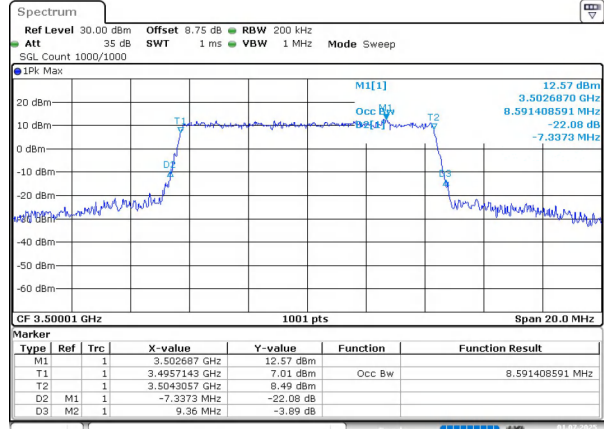
4. Occupied Bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	10	633334	3500.01	24@0	DFT_BPSK	8.611	9.440	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.591	9.360	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.611	9.380	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.611	9.420	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.631	9.400	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.947	13.920	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.576	14.640	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.606	14.640	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.696	14.640	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.576	14.640	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	18.022	19.160	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.342	19.560	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.342	19.560	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.302	19.560	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.302	19.560	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	36.044	38.240	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	38.042	40.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	38.042	40.560	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.042	40.560	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.962	40.400	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.854	48.400	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.652	50.200	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.652	50.100	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.752	50.100	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.652	50.100	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.501	62.640	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.382	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.501	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	58.501	63.120	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.382	62.760	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.755	69.160	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	68.112	72.520	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.972	72.240	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.972	72.380	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	67.972	72.380	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.363	81.920	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.842	82.560	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.842	82.560	PASS

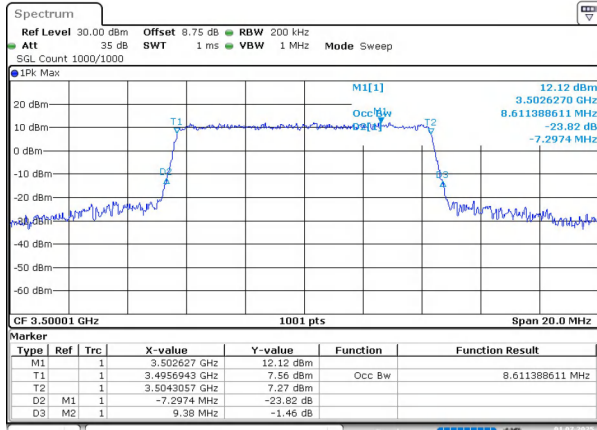
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.842	82.560	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	78.002	82.560	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.213	91.800	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.932	92.700	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.752	92.520	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.572	92.700	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.572	92.520	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.903	101.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.902	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.702	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.702	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.502	102.800	PASS



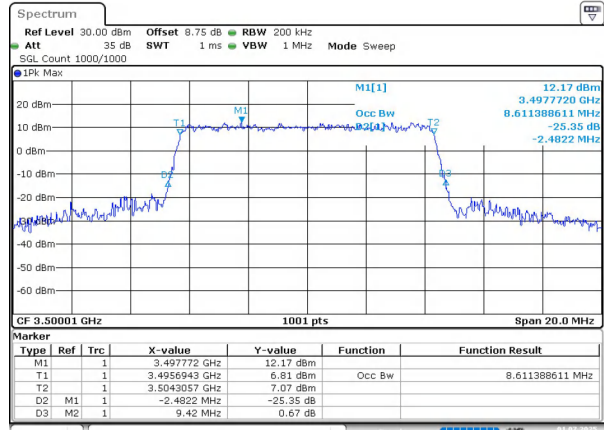
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
Channel=633334 RB=24@0



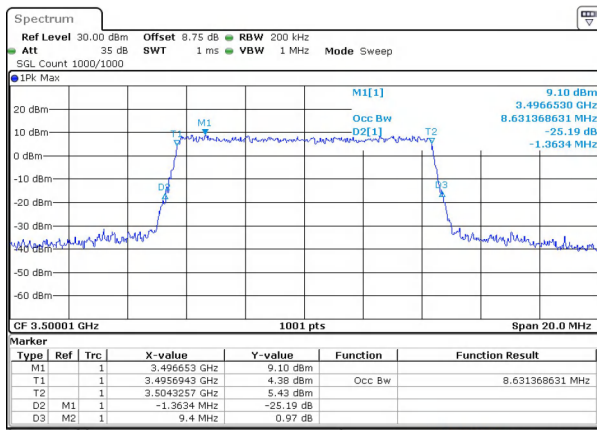
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
Channel=633334 RB=24@0



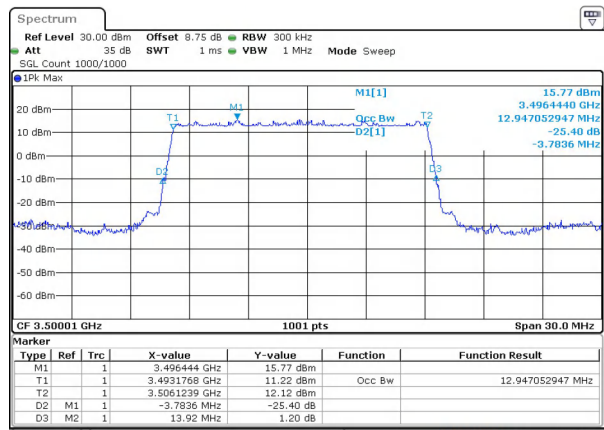
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz
Channel=633334 RB=24@0



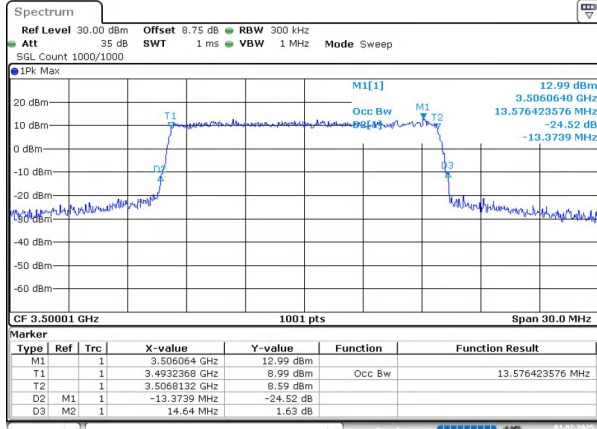
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz
Channel=633334 RB=24@0



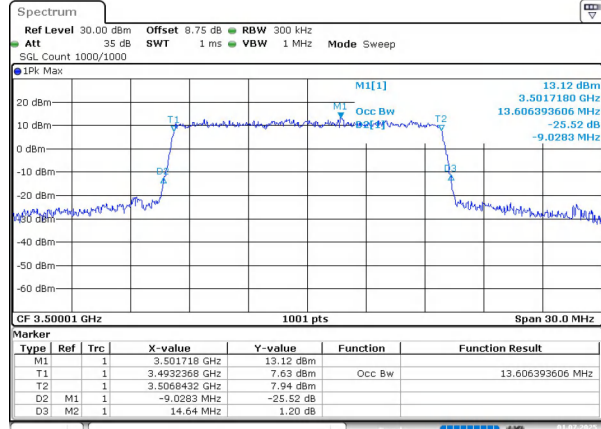
n78(3450-3550) SCS=30kHz CP_256QAM BW=10MHz
Channel=633334 RB=24@0



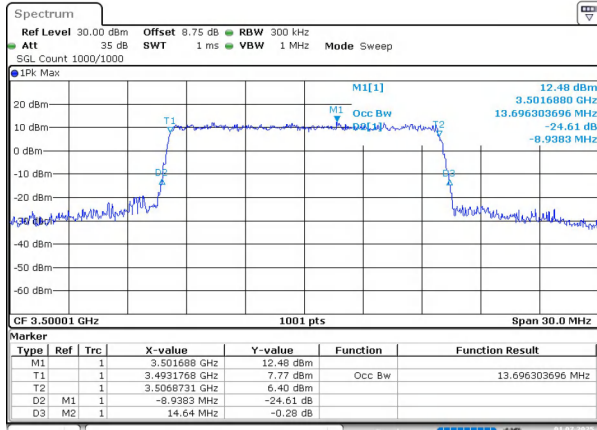
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
Channel=633334 RB=36@0



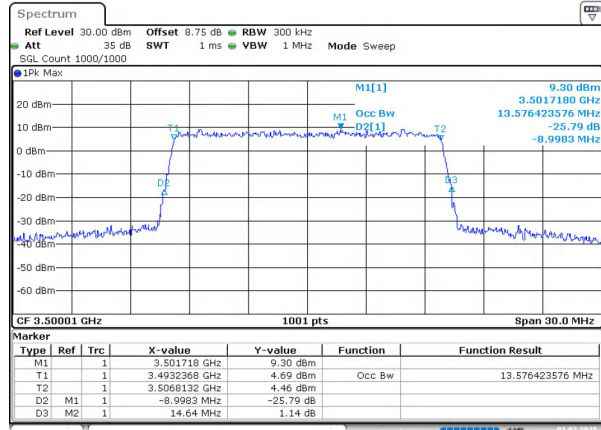
n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz
Channel=633334 RB=38@0



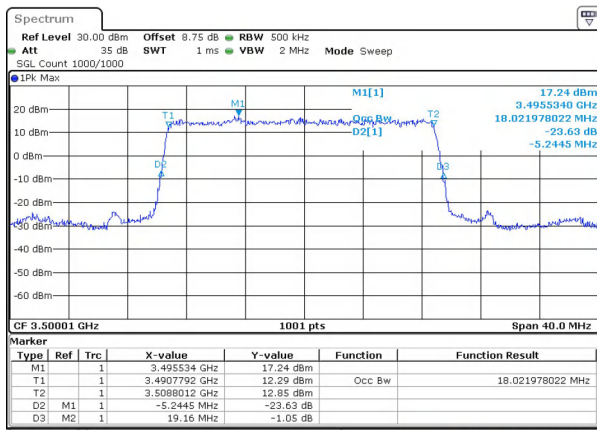
n78(3450-3550) SCS=30kHz CP_16QAM BW=15MHz
Channel=633334 RB=38@0



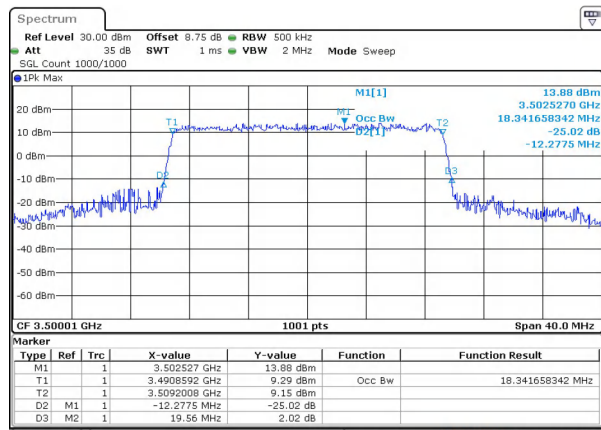
n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz
Channel=633334 RB=38@0



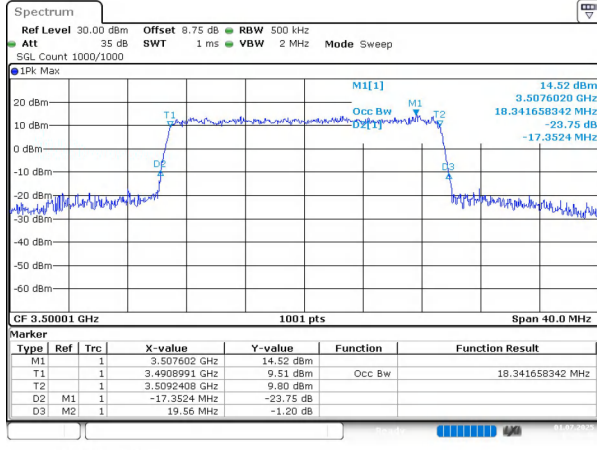
n78(3450-3550) SCS=30kHz CP_256QAM BW=15MHz
Channel=633334 RB=38@0



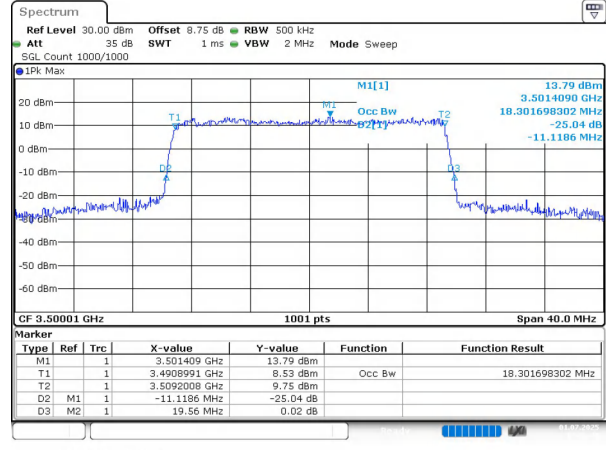
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



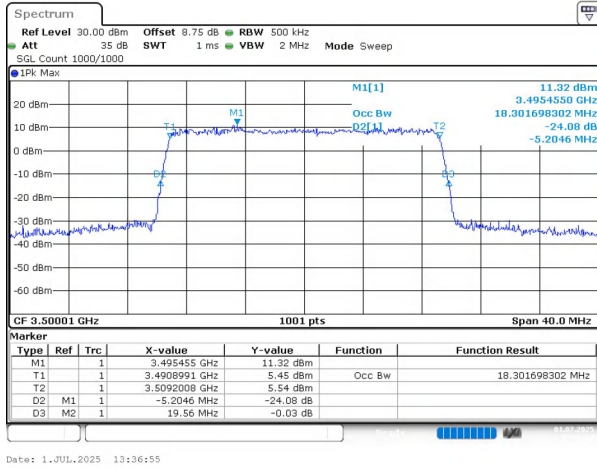
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz
Channel=633334 RB=51@0



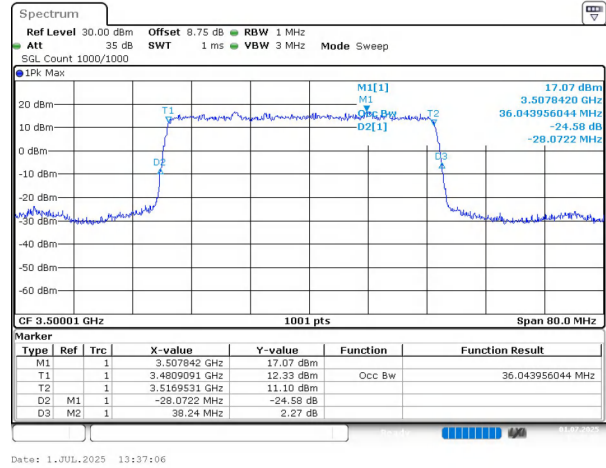
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz
Channel=633334 RB=51@0



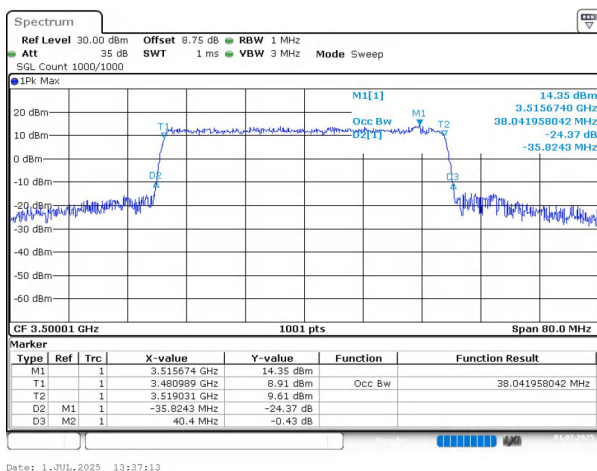
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz
Channel=633334 RB=51@0



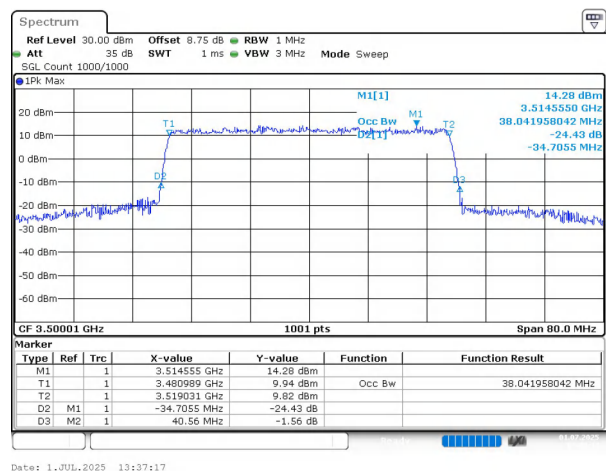
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz
Channel=633334 RB=51@0



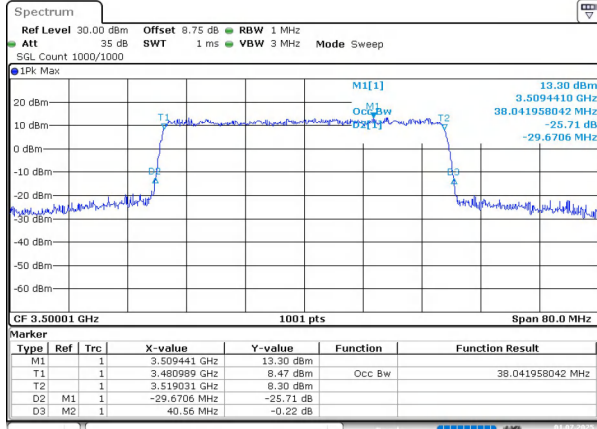
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz
Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz
Channel=633334 RB=106@0

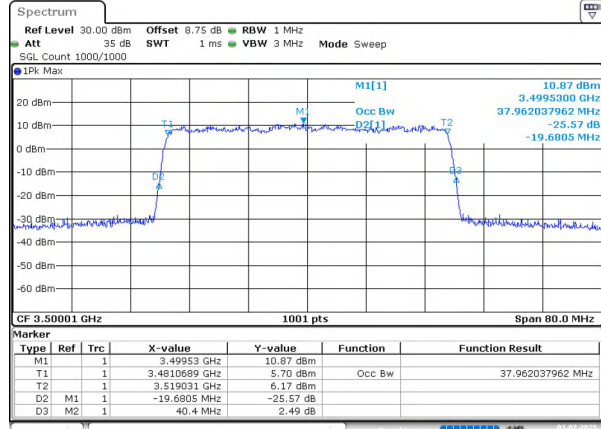


n78(3450-3550) SCS=30kHz CP_16QAM BW=40MHz
Channel=633334 RB=106@0



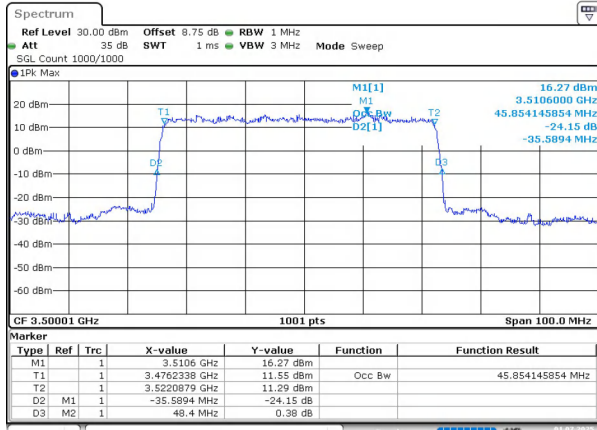
n78(3450-3550) SCS=30kHz CP_64QAM BW=40MHz

Channel=633334 RB=106@0



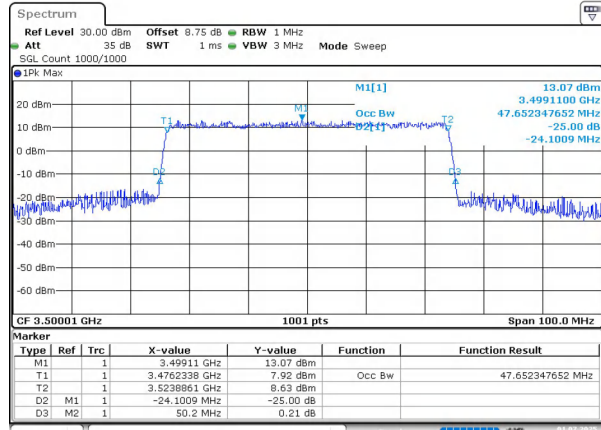
n78(3450-3550) SCS=30kHz CP_256QAM BW=40MHz

Channel=633334 RB=106@0



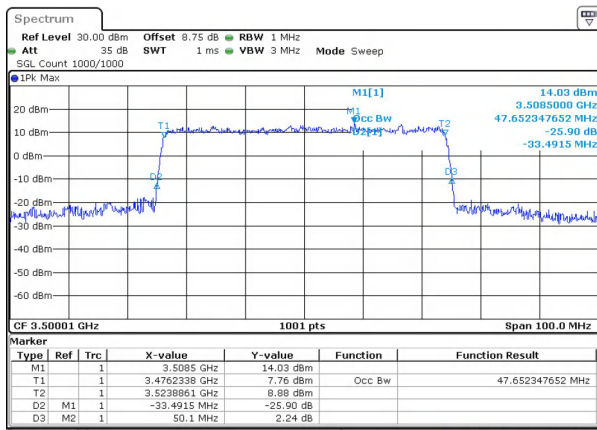
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz

Channel=633334 RB=128@0



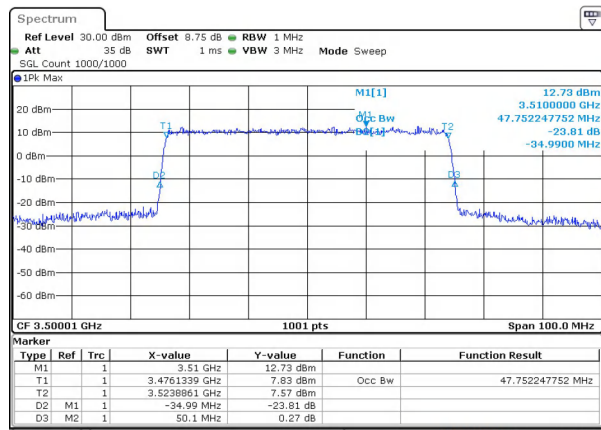
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz

Channel=633334 RB=133@0



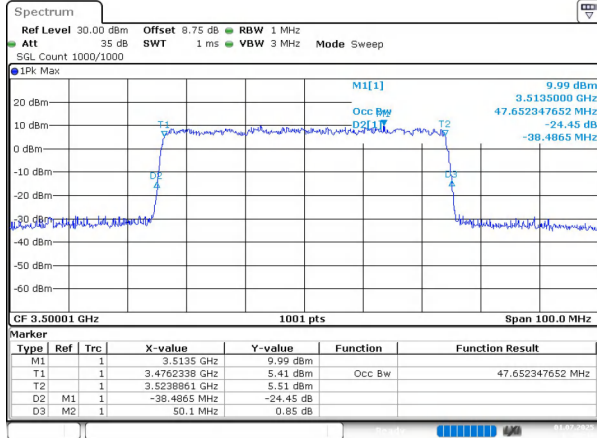
n78(3450-3550) SCS=30kHz CP_16QAM BW=50MHz

Channel=633334 RB=133@0

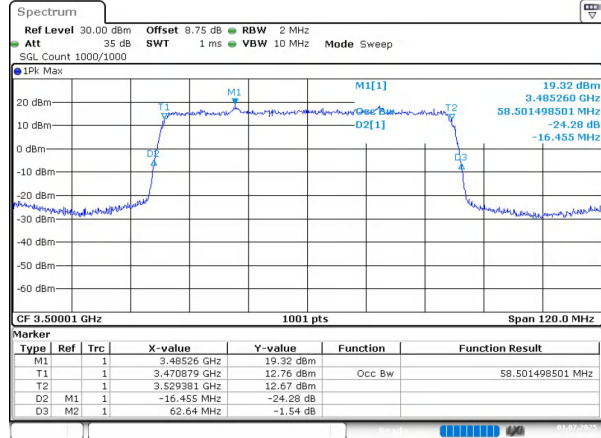


n78(3450-3550) SCS=30kHz CP_64QAM BW=50MHz

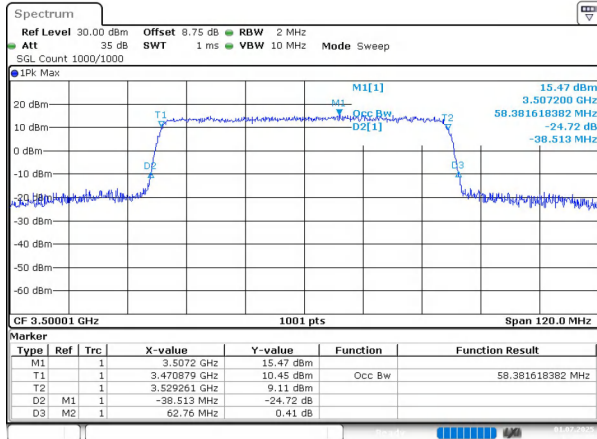
Channel=633334 RB=133@0



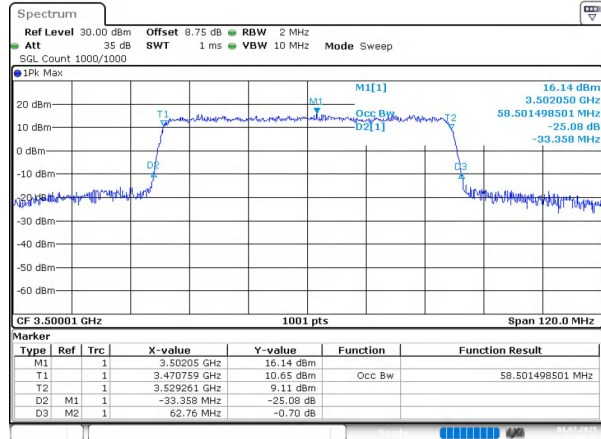
n78(3450-3550) SCS=30kHz CP_256QAM BW=50MHz
Channel=633334 RB=133@0



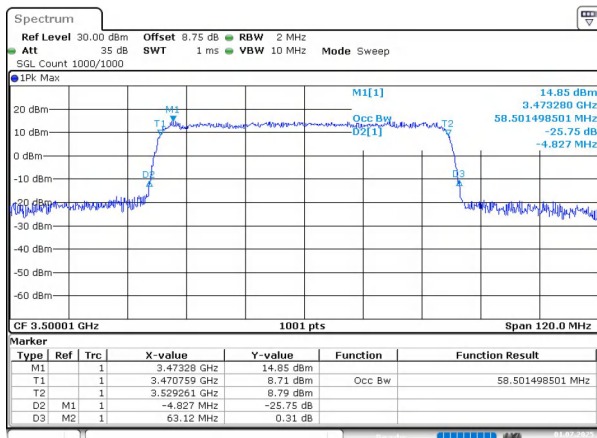
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
Channel=633334 RB=162@0



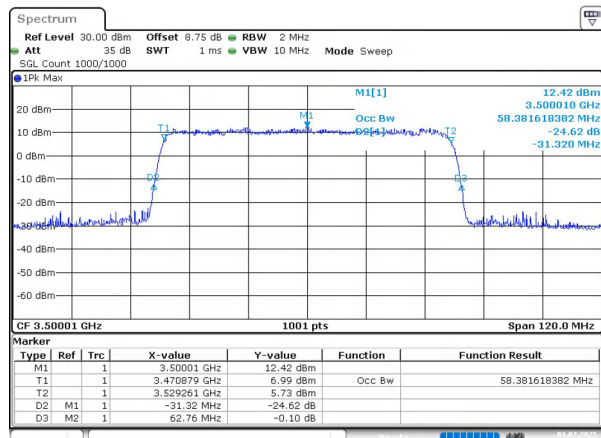
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz
Channel=633334 RB=162@0



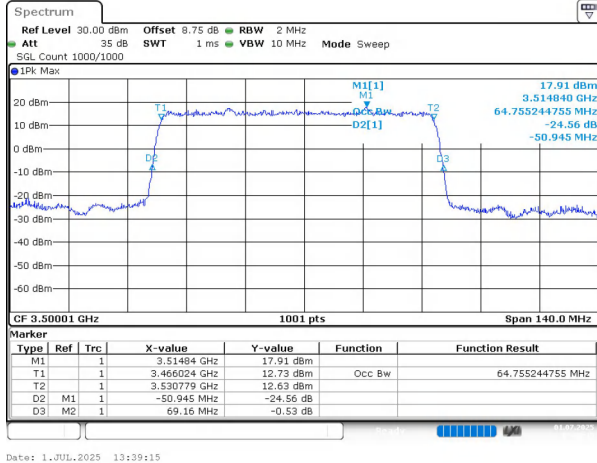
n78(3450-3550) SCS=30kHz CP_16QAM BW=60MHz
Channel=633334 RB=162@0



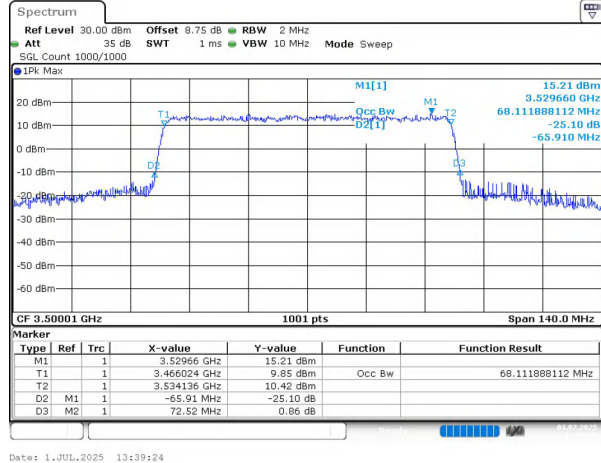
n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz
Channel=633334 RB=162@0



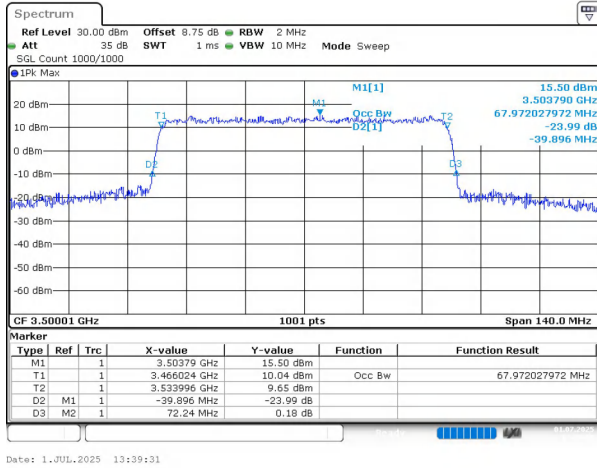
n78(3450-3550) SCS=30kHz CP_256QAM BW=60MHz
Channel=633334 RB=162@0



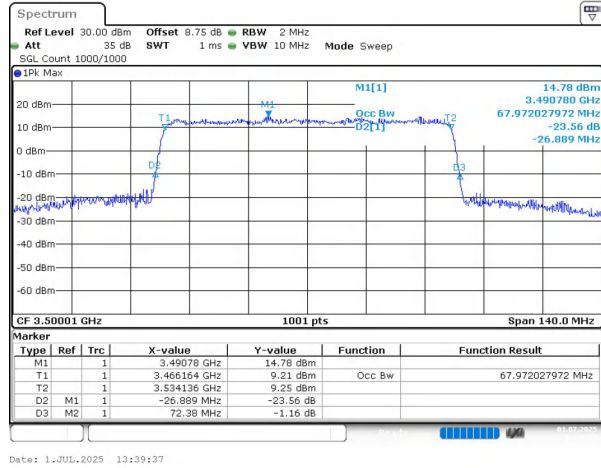
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz
Channel=633334 RB=180@0



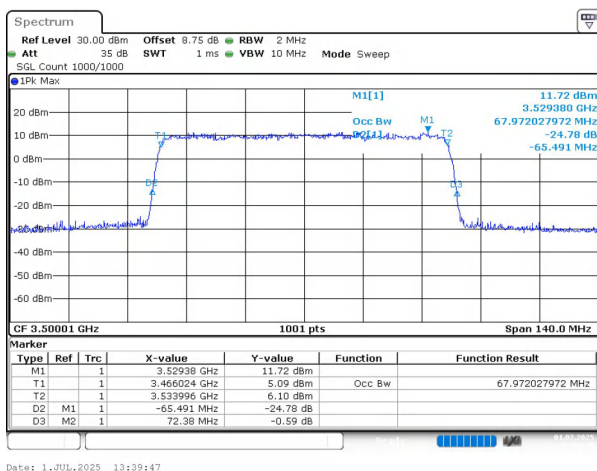
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz
Channel=633334 RB=189@0



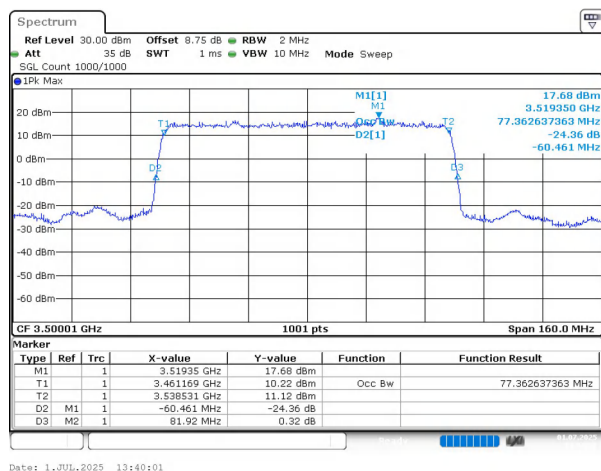
n78(3450-3550) SCS=30kHz CP_16QAM BW=70MHz
Channel=633334 RB=189@0



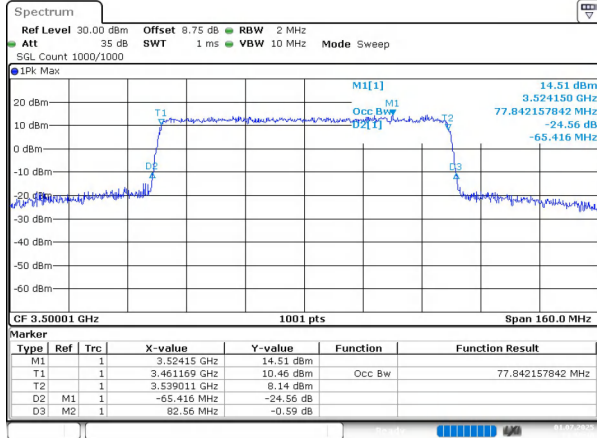
n78(3450-3550) SCS=30kHz CP_64QAM BW=70MHz
Channel=633334 RB=189@0



n78(3450-3550) SCS=30kHz CP_256QAM BW=70MHz
Channel=633334 RB=189@0

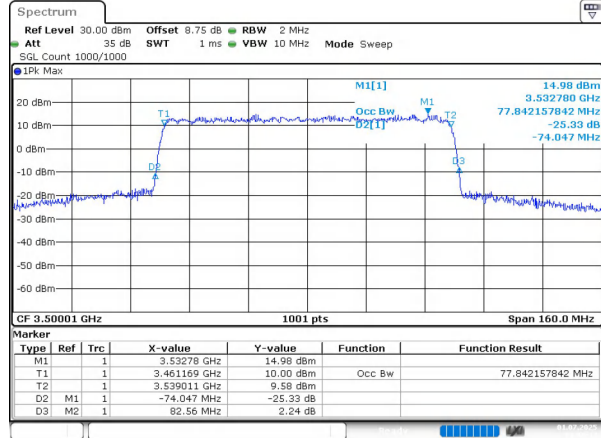


n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz
Channel=633334 RB=216@0



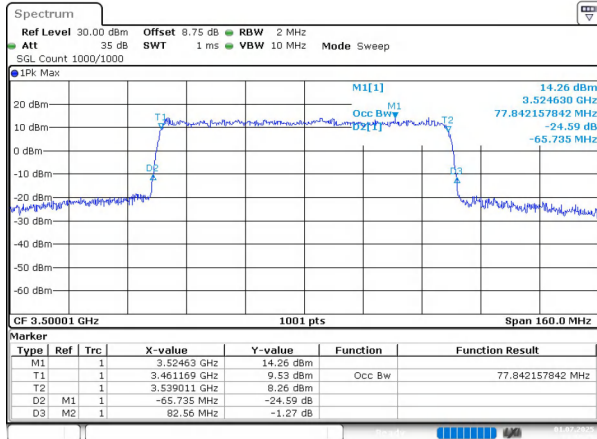
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz

Channel=633334 RB=217@0



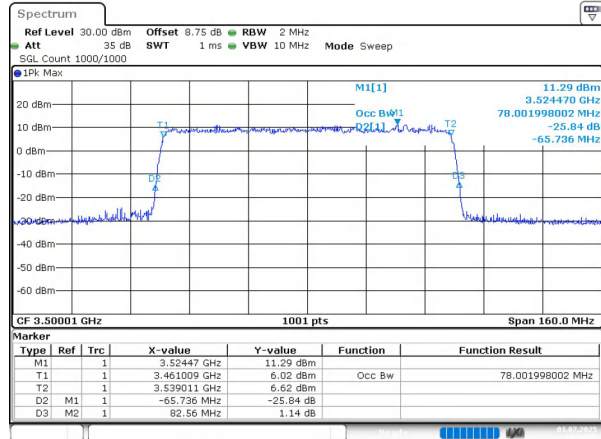
n78(3450-3550) SCS=30kHz CP_16QAM BW=80MHz

Channel=633334 RB=217@0



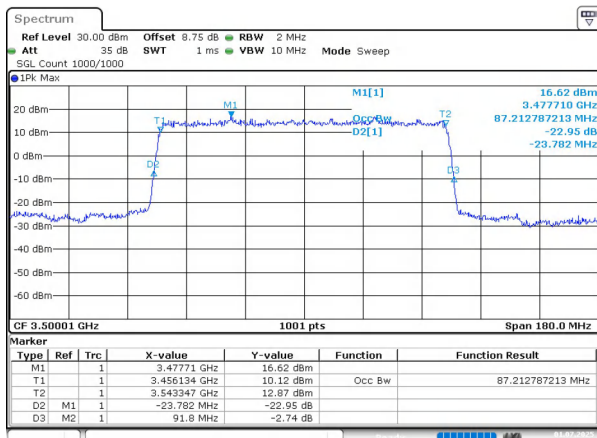
n78(3450-3550) SCS=30kHz CP_64QAM BW=80MHz

Channel=633334 RB=217@0



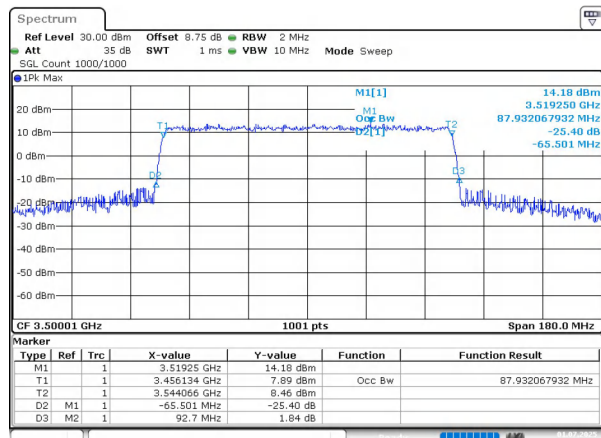
n78(3450-3550) SCS=30kHz CP_256QAM BW=80MHz

Channel=633334 RB=217@0



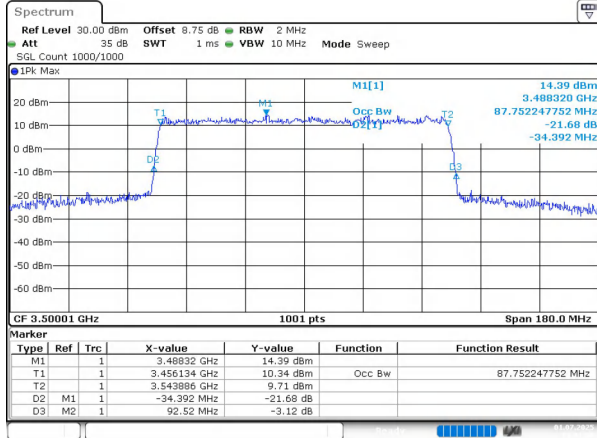
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz

Channel=633334 RB=243@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz

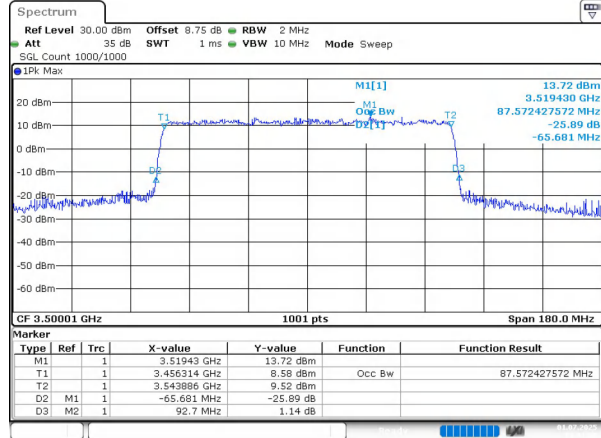
Channel=633334 RB=245@0



Date: 1.JUL.2025 13:41:03

n78(3450-3550) SCS=30kHz CP_16QAM BW=90MHz

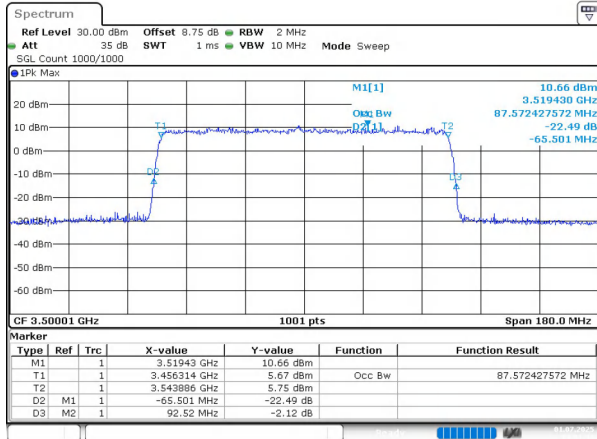
Channel=633334 RB=245@0



Date: 1.JUL.2025 13:41:10

n78(3450-3550) SCS=30kHz CP_64QAM BW=90MHz

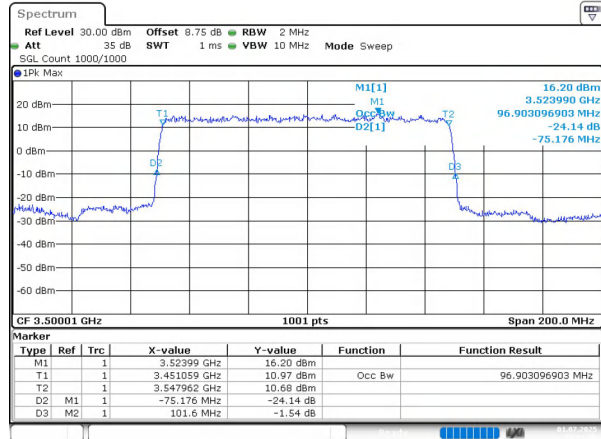
Channel=633334 RB=245@0



Date: 1.JUL.2025 13:41:19

n78(3450-3550) SCS=30kHz CP_256QAM BW=90MHz

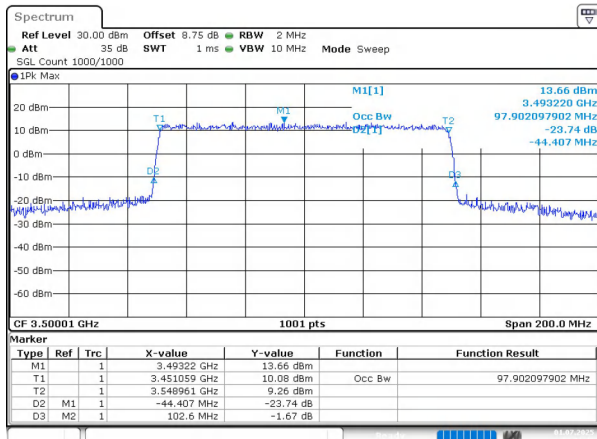
Channel=633334 RB=245@0



Date: 1.JUL.2025 13:41:33

n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

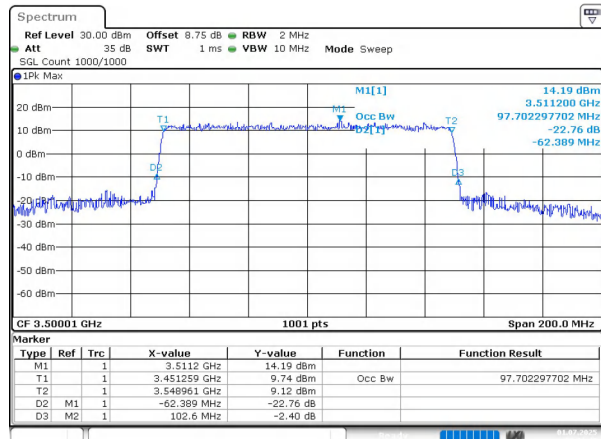
Channel=633334 RB=270@0



Date: 1.JUL.2025 13:41:42

n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz

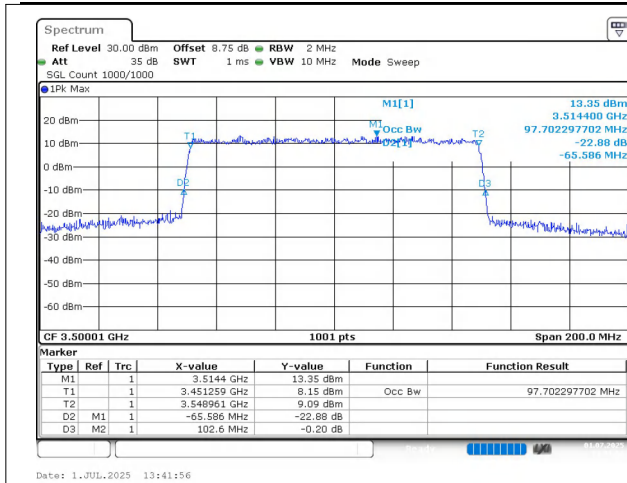
Channel=633334 RB=273@0



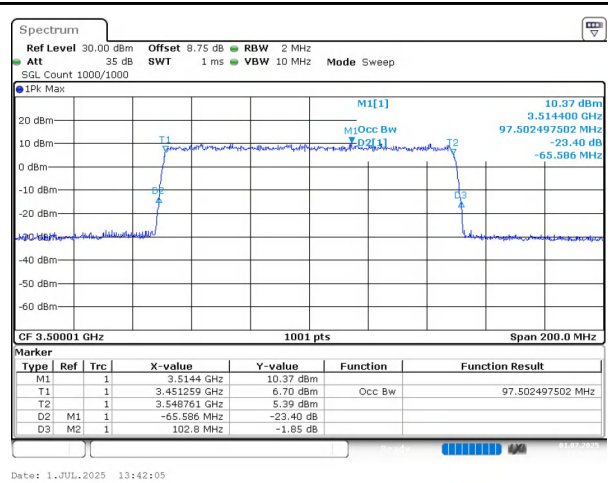
Date: 1.JUL.2025 13:41:49

n78(3450-3550) SCS=30kHz CP_16QAM BW=100MHz

Channel=633334 RB=273@0

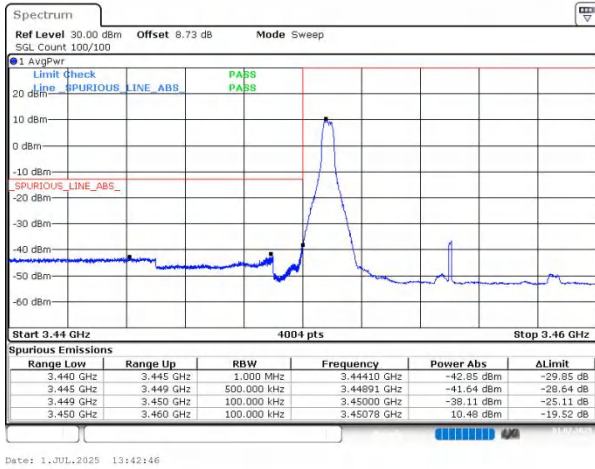


n78(3450-3550) SCS=30kHz CP_64QAM BW=100MHz
Channel=633334 RB=273@0



n78(3450-3550) SCS=30kHz CP_256QAM BW=100MHz
Channel=633334 RB=273@0

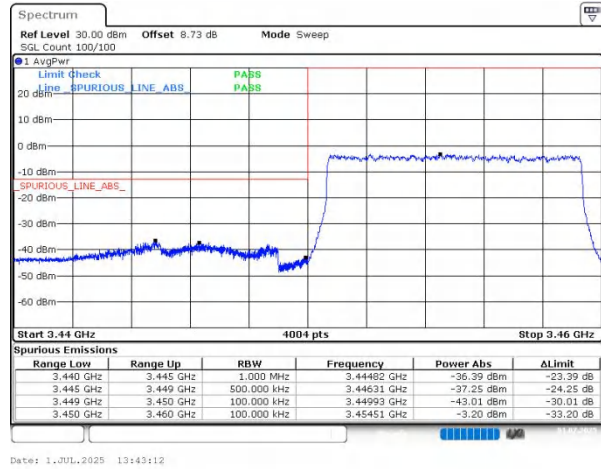
5. Conducted Band Edge



Date: 1.JUL.2025 13:42:46

n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz

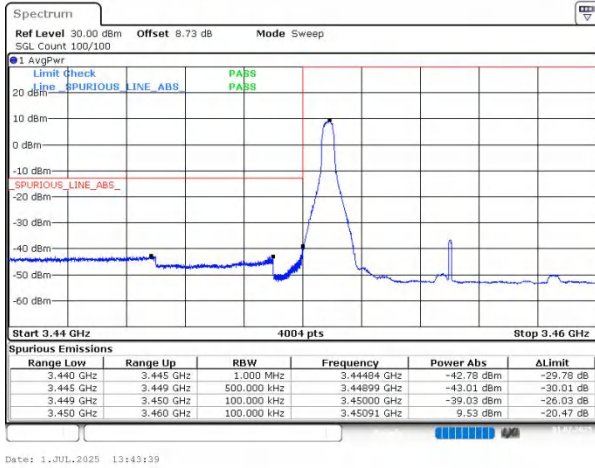
LowChannel=630334 RB=1@0



Date: 1.JUL.2025 13:43:12

n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz

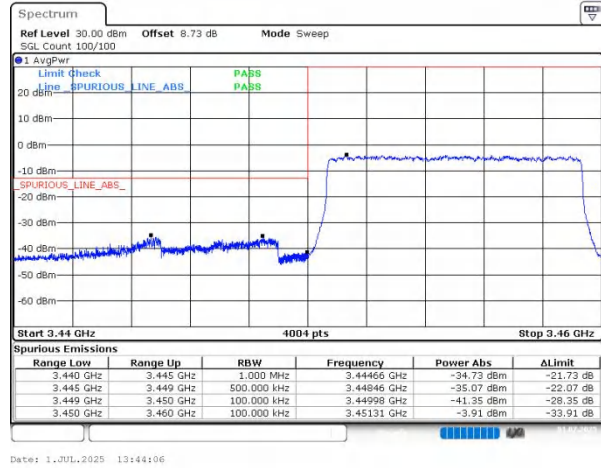
LowChannel=630334 RB=24@0



Date: 1.JUL.2025 13:43:39

n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz

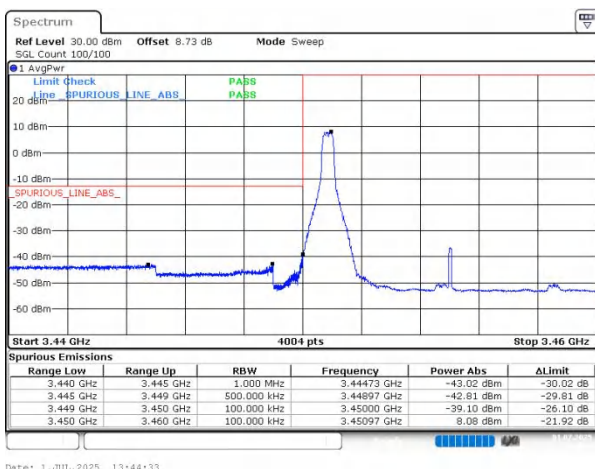
LowChannel=630334 RB=1@0



Date: 1.JUL.2025 13:44:06

n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz

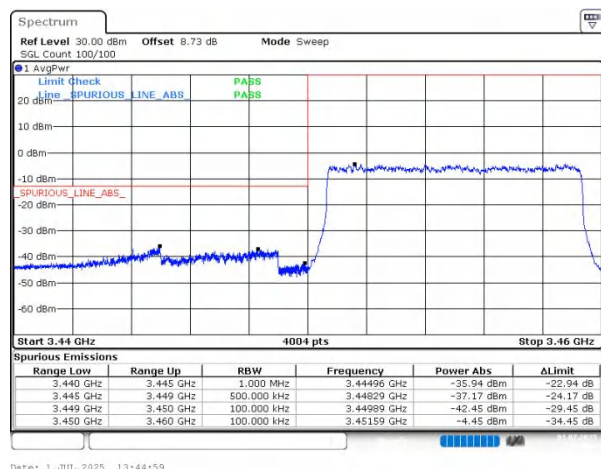
LowChannel=630334 RB=24@0



Date: 1.JUL.2025 13:44:33

n78(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz

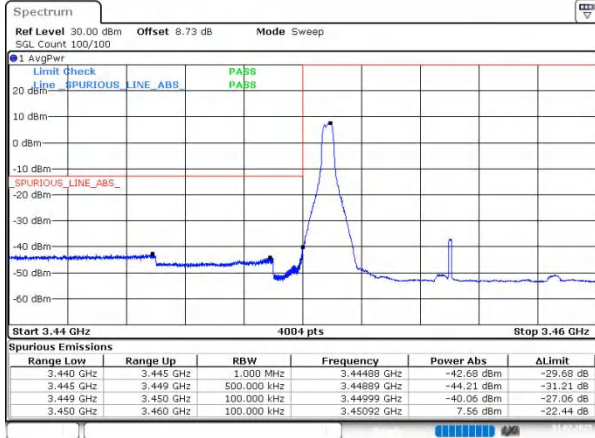
LowChannel=630334 RB=1@0



Date: 1.JUL.2025 13:44:59

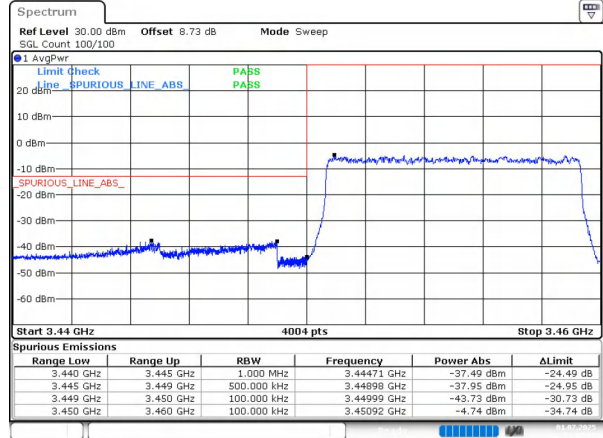
n78(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz

LowChannel=630334 RB=24@0



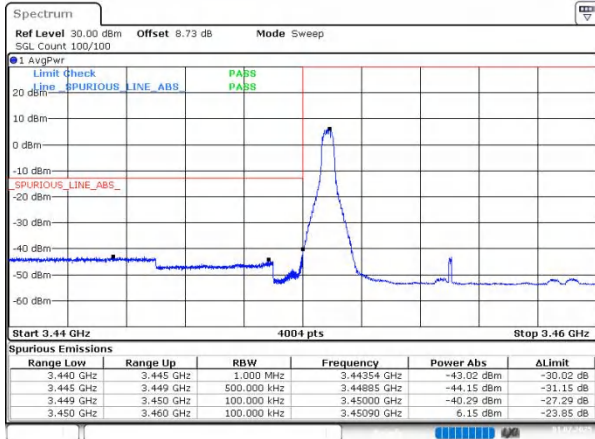
Date: 1.JUL.2025 13:45:26

n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=630334 RB=1@0



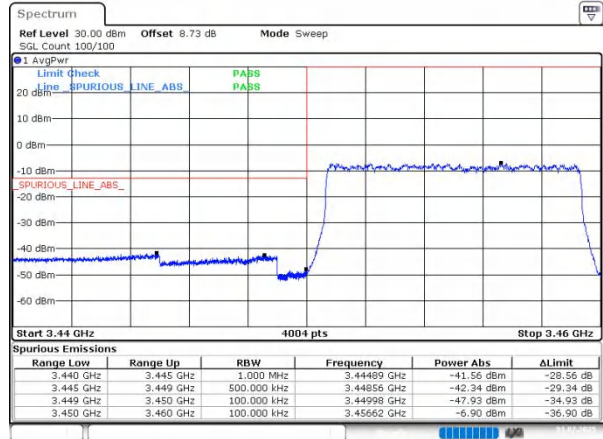
Date: 1.JUL.2025 13:45:53

n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=630334 RB=24@0



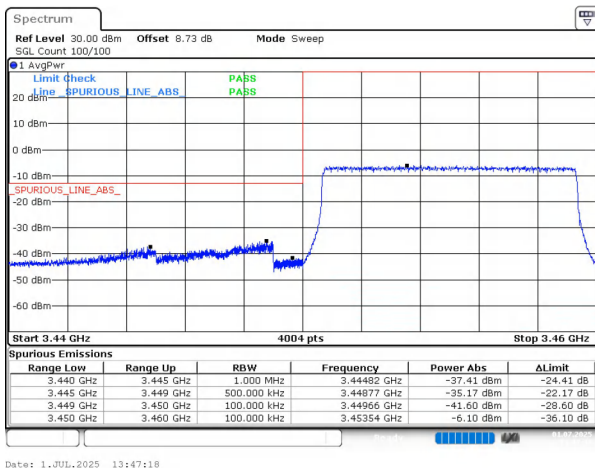
Date: 1.JUL.2025 13:46:22

n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=630334 RB=1@0



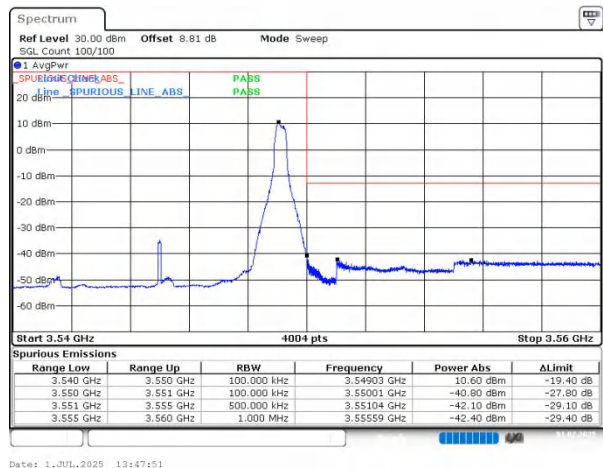
Date: 1.JUL.2025 13:46:49

n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=630334 RB=24@0



Date: 1.JUL.2025 13:47:18

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
LowChannel=630334 RB=24@0



Date: 1.JUL.2025 13:47:51

n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=636332 RB=1@23