

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	22.1	2.2	24.3	269.15	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.55	2.2	24.75	298.54	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	21.58	2.2	23.78	238.78	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.69	2.2	24.89	308.32	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.6	2.2	24.8	302	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	21.58	2.2	23.78	238.78	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.44	2.2	23.64	231.21	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.4	2.2	23.6	229.09	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.17	2.2	22.37	172.58	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.24	2.2	22.44	175.39	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	19.99	2.2	22.19	165.58	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.38	2.2	20.58	114.29	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	19.53	2.2	21.73	148.94	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	19.54	2.2	21.74	149.28	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	20.79	2.2	22.99	199.07	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	20.71	2.2	22.91	195.43	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	20.67	2.2	22.87	193.64	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	19.13	2.2	21.33	135.83	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	19.27	2.2	21.47	140.28	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	18.86	2.2	21.06	127.64	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	18.88	2.2	21.08	128.23	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	16.05	2.2	18.25	66.83	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS

n77(3450-3550)	30	10	630334	1@1	CP_256QAM	16.23	2.2	18.43	69.66	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.12	2.2	24.32	270.4	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.54	2.2	24.74	297.85	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.58	2.2	24.78	300.61	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.56	2.2	23.76	237.68	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	22.7	2.2	24.9	309.03	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.73	2.2	24.93	311.17	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.65	2.2	22.85	192.75	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.66	2.2	23.86	243.22	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.44	2.2	23.64	231.21	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.37	2.2	23.57	227.51	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.16	2.2	22.36	172.19	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.19	2.2	22.39	173.38	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	19.98	2.2	22.18	165.2	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.33	2.2	20.53	112.98	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	17.97	2.2	20.17	103.99	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	19.55	2.2	21.75	149.62	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	21.04	2.2	23.24	210.86	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	21.18	2.2	23.38	217.77	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	21.1	2.2	23.3	213.8	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	19.46	2.2	21.66	146.55	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	20.76	2.2	22.96	197.7	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	20.74	2.2	22.94	196.79	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_64QAM	19.12	2.2	21.32	135.52	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	19.31	2.2	21.51	141.58	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	18.88	2.2	21.08	128.23	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	18.79	2.2	20.99	125.6	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	16.17	2.2	18.37	68.71	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	16.22	2.2	18.42	69.5	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	16.33	2.2	18.53	71.29	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	22	2.2	24.2	263.03	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	22.4	2.2	24.6	288.4	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	22.46	2.2	24.66	292.42	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	22.41	2.2	24.61	289.07	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	21.44	2.2	23.64	231.21	1000	PASS

n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	22.55	2.2	24.75	298.54	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	22.49	2.2	24.69	294.44	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	21.51	2.2	23.71	234.96	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	21.31	2.2	23.51	224.39	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	21.3	2.2	23.5	223.87	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.06	2.2	22.26	168.27	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	19.92	2.2	22.12	162.93	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	19.84	2.2	22.04	159.96	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	17.92	2.2	20.12	102.8	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	17.36	2.2	19.56	90.36	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	19.43	2.2	21.63	145.55	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	20.9	2.2	23.1	204.17	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	20.92	2.2	23.12	205.12	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	19.37	2.2	21.57	143.55	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	20.67	2.2	22.87	193.64	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	20.41	2.2	22.61	182.39	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	19.07	2.2	21.27	133.97	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	18.74	2.2	20.94	124.17	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	18.66	2.2	20.86	121.9	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	15.92	2.2	18.12	64.86	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	15.98	2.2	18.18	65.77	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	16.03	2.2	18.23	66.53	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	16.36	2.2	18.56	71.78	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.16	2.2	24.36	272.9	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.6	2.2	24.8	302	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	22.54	2.2	24.74	297.85	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.59	2.2	23.79	239.33	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.64	2.2	24.84	304.79	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.55	2.2	24.75	298.54	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.59	2.2	22.79	190.11	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	21.58	2.2	23.78	238.78	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.35	2.2	23.55	226.46	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.24	2.2	23.44	220.8	1000	PASS

n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.19	2.2	22.39	173.38	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	19.94	2.2	22.14	163.68	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	19.53	2.2	21.73	148.94	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	19.61	2.2	21.81	151.71	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	20.62	2.2	22.82	191.43	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	20.53	2.2	22.73	187.5	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_64QAM	19.08	2.2	21.28	134.28	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	19.07	2.2	21.27	133.97	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	18.86	2.2	21.06	127.64	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	18.76	2.2	20.96	124.74	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	16.13	2.2	18.33	68.08	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	16.18	2.2	18.38	68.87	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	22.01	2.2	24.21	263.63	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	22.71	2.2	24.91	309.74	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.64	2.2	24.84	304.79	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.47	2.2	24.67	293.09	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.51	2.2	23.71	234.96	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.61	2.2	24.81	302.69	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.55	2.2	24.75	298.54	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	20.59	2.2	22.79	190.11	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	21.56	2.2	23.76	237.68	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.36	2.2	23.56	226.99	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.26	2.2	23.46	221.82	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	20.06	2.2	22.26	168.27	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.12	2.2	22.32	170.61	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	19.94	2.2	22.14	163.68	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.12	2.2	20.32	107.65	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	17.95	2.2	20.15	103.51	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	19.47	2.2	21.67	146.89	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	21.04	2.2	23.24	210.86	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	21.17	2.2	23.37	217.27	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	19.56	2.2	21.76	149.97	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	20.69	2.2	22.89	194.54	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	19.32	2.2	21.52	141.91	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	19.04	2.2	21.24	133.05	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	18.88	2.2	21.08	128.23	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	18.75	2.2	20.95	124.45	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	16.05	2.2	18.25	66.83	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	16.07	2.2	18.27	67.14	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	21.99	2.2	24.19	262.42	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	22.48	2.2	24.68	293.76	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	22.55	2.2	24.75	298.54	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	22.41	2.2	24.61	289.07	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	21.45	2.2	23.65	231.74	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	22.5	2.2	24.7	295.12	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	22.61	2.2	24.81	302.69	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	22.46	2.2	24.66	292.42	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	20.46	2.2	22.66	184.5	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	21.27	2.2	23.47	222.33	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	21.13	2.2	23.33	215.28	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	19.94	2.2	22.14	163.68	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	19.97	2.2	22.17	164.82	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	19.86	2.2	22.06	160.69	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	17.92	2.2	20.12	102.8	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	17.96	2.2	20.16	103.75	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	17.86	2.2	20.06	101.39	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	19.35	2.2	21.55	142.89	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	20.9	2.2	23.1	204.17	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	20.97	2.2	23.17	207.49	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	20.84	2.2	23.04	201.37	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	19.47	2.2	21.67	146.89	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	20.42	2.2	22.62	182.81	1000	PASS

n77(3450-3550)	30	15	636166	1@1	CP_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	20.4	2.2	22.6	181.97	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_64QAM	18.25	2.2	20.45	110.92	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	18.96	2.2	21.16	130.62	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	18.78	2.2	20.98	125.31	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	18.64	2.2	20.84	121.34	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	15.98	2.2	18.18	65.77	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	15.94	2.2	18.14	65.16	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.12	2.2	24.32	270.4	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	22.58	2.2	24.78	300.61	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.68	2.2	24.88	307.61	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.52	2.2	24.72	296.48	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	21.6	2.2	23.8	239.88	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	22.64	2.2	24.84	304.79	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.7	2.2	24.9	309.03	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	21.61	2.2	23.81	240.44	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.41	2.2	23.61	229.61	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.32	2.2	23.52	224.91	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	19.58	2.2	21.78	150.66	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	21.1	2.2	23.3	213.8	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	19.59	2.2	21.79	151.01	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	20.62	2.2	22.82	191.43	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	20.64	2.2	22.84	192.31	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	19.06	2.2	21.26	133.66	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	19.13	2.2	21.33	135.83	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	18.74	2.2	20.94	124.17	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	18.78	2.2	20.98	125.31	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS

n77(3450-3550)	30	20	630668	25@12	CP_256QAM	16.17	2.2	18.37	68.71	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	16.19	2.2	18.39	69.02	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.13	2.2	24.33	271.02	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.42	2.2	24.62	289.73	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.47	2.2	24.67	293.09	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.51	2.2	23.71	234.96	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	22.67	2.2	24.87	306.9	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.64	2.2	24.84	304.79	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.45	2.2	24.65	291.74	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.55	2.2	23.75	237.14	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.4	2.2	23.6	229.09	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.2	2.2	23.4	218.78	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	19.88	2.2	22.08	161.44	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	17.86	2.2	20.06	101.39	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	19.49	2.2	21.69	147.57	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	21.08	2.2	23.28	212.81	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	21.1	2.2	23.3	213.8	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	20.89	2.2	23.09	203.7	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	19.54	2.2	21.74	149.28	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	20.67	2.2	22.87	193.64	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	20.67	2.2	22.87	193.64	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	20.45	2.2	22.65	184.08	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	19.05	2.2	21.25	133.35	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	19.16	2.2	21.36	136.77	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	18.91	2.2	21.11	129.12	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	18.36	2.2	20.56	113.76	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	16.24	2.2	18.44	69.82	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	15.98	2.2	18.18	65.77	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	22.06	2.2	24.26	266.69	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	22.47	2.2	24.67	293.09	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	22.43	2.2	24.63	290.4	1000	PASS

n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	22.45	2.2	24.65	291.74	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	20.43	2.2	22.63	183.23	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	21.44	2.2	23.64	231.21	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	21.32	2.2	23.52	224.91	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	21.16	2.2	23.36	216.77	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	19.88	2.2	22.08	161.44	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	20.06	2.2	22.26	168.27	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	19.83	2.2	22.03	159.59	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.96	2.2	20.16	103.75	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	17.97	2.2	20.17	103.99	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	17.84	2.2	20.04	100.93	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	19.43	2.2	21.63	145.55	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	20.97	2.2	23.17	207.49	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	21.08	2.2	23.28	212.81	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	20.87	2.2	23.07	202.77	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	19.44	2.2	21.64	145.88	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	20.26	2.2	22.46	176.2	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	18.84	2.2	21.04	127.06	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	16	2.2	18.2	66.07	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	16.16	2.2	18.36	68.55	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	15.96	2.2	18.16	65.46	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.12	2.2	24.32	270.4	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.68	2.2	24.88	307.61	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.61	2.2	23.81	240.44	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.74	2.2	24.94	311.89	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.64	2.2	24.84	304.79	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	21.52	2.2	23.72	235.5	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.38	2.2	23.58	228.03	1000	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.34	2.2	23.54	225.94	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	19.57	2.2	21.77	150.31	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	21.08	2.2	23.28	212.81	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	21.13	2.2	23.33	215.28	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	21.1	2.2	23.3	213.8	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	19.6	2.2	21.8	151.36	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	20.62	2.2	22.82	191.43	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	20.62	2.2	22.82	191.43	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	19.09	2.2	21.29	134.59	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	19.1	2.2	21.3	134.9	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	18.91	2.2	21.11	129.12	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	18.85	2.2	21.05	127.35	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	16.18	2.2	18.38	68.87	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.22	2.2	24.42	276.69	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	22.66	2.2	24.86	306.2	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.57	2.2	24.77	299.92	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.47	2.2	24.67	293.09	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.57	2.2	23.77	238.23	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.67	2.2	24.87	306.9	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.51	2.2	24.71	295.8	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	21.58	2.2	23.78	238.78	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.42	2.2	23.62	230.14	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.24	2.2	23.44	220.8	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.13	2.2	22.33	171	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.11	2.2	20.31	107.4	1000	PASS

n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	17.92	2.2	20.12	102.8	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	19.54	2.2	21.74	149.28	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	21.14	2.2	23.34	215.77	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	20.92	2.2	23.12	205.12	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	19.61	2.2	21.81	151.71	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	20.62	2.2	22.82	191.43	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	19.07	2.2	21.27	133.97	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	19.11	2.2	21.31	135.21	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	18.92	2.2	21.12	129.42	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	18.76	2.2	20.96	124.74	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	16.09	2.2	18.29	67.45	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.12	2.2	24.32	270.4	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	22.67	2.2	24.87	306.9	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.44	2.2	24.64	291.07	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	21.55	2.2	23.75	237.14	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.41	2.2	24.61	289.07	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	21.57	2.2	23.77	238.23	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.34	2.2	23.54	225.94	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.14	2.2	23.34	215.77	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	19.87	2.2	22.07	161.06	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	19.52	2.2	21.72	148.59	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	20.88	2.2	23.08	203.24	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	19.53	2.2	21.73	148.94	1000	PASS

n77(3450-3550)	30	40	635332	53@26	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	20.63	2.2	22.83	191.87	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	20.4	2.2	22.6	181.97	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	19.04	2.2	21.24	133.05	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	19.12	2.2	21.32	135.52	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	18.82	2.2	21.02	126.47	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	16.03	2.2	18.23	66.53	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.11	2.2	24.31	269.77	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.58	2.2	24.78	300.61	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.62	2.2	23.82	240.99	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.71	2.2	24.91	309.74	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	21.5	2.2	23.7	234.42	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.36	2.2	23.56	226.99	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.31	2.2	23.51	224.39	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.13	2.2	20.33	107.89	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	18	2.2	20.2	104.71	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	19.55	2.2	21.75	149.62	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	19.6	2.2	21.8	151.36	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	20.59	2.2	22.79	190.11	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	20.53	2.2	22.73	187.5	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	19.05	2.2	21.25	133.35	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	19.11	2.2	21.31	135.21	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	18.83	2.2	21.03	126.77	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS

n77(3450-3550)	30	50	631668	133@0	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	16.09	2.2	18.29	67.45	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	16.07	2.2	18.27	67.14	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.14	2.2	24.34	271.64	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.69	2.2	24.89	308.32	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.48	2.2	24.68	293.76	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.63	2.2	23.83	241.55	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.61	2.2	22.81	190.99	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.54	2.2	23.74	236.59	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.35	2.2	23.55	226.46	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.22	2.2	23.42	219.79	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	19.94	2.2	22.14	163.68	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	17.94	2.2	20.14	103.28	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	19.57	2.2	21.77	150.31	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	21.08	2.2	23.28	212.81	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	21.1	2.2	23.3	213.8	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	20.94	2.2	23.14	206.06	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	19.57	2.2	21.77	150.31	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	20.45	2.2	22.65	184.08	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	19.09	2.2	21.29	134.59	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	19.14	2.2	21.34	136.14	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	18.82	2.2	21.02	126.47	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	18.67	2.2	20.87	122.18	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	22.08	2.2	24.28	267.92	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS

n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.35	2.2	24.55	285.1	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	21.5	2.2	23.7	234.42	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.7	2.2	24.9	309.03	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.37	2.2	24.57	286.42	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	21.42	2.2	23.62	230.14	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.35	2.2	23.55	226.46	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	21.02	2.2	23.22	209.89	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	19.74	2.2	21.94	156.31	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	19.45	2.2	21.65	146.22	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	20.76	2.2	22.96	197.7	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	19.46	2.2	21.66	146.55	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	20.49	2.2	22.69	185.78	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	20.4	2.2	22.6	181.97	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	20.09	2.2	22.29	169.43	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	18.93	2.2	21.13	129.72	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	19.01	2.2	21.21	132.13	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	18.5	2.2	20.7	117.49	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	16.17	2.2	18.37	68.71	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	16.6	2.2	18.8	75.86	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.03	2.2	24.23	264.85	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	22.58	2.2	24.78	300.61	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.45	2.2	24.65	291.74	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.53	2.2	23.73	236.05	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	22.53	2.2	24.73	297.17	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.71	2.2	24.91	309.74	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.49	2.2	24.69	294.44	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.56	2.2	23.76	237.68	1000	PASS

n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.4	2.2	23.6	229.09	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.21	2.2	23.41	219.28	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.19	2.2	22.39	173.38	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	19.49	2.2	21.69	147.57	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	21.12	2.2	23.32	214.78	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	19.47	2.2	21.67	146.89	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	20.53	2.2	22.73	187.5	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	20.27	2.2	22.47	176.6	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	18.99	2.2	21.19	131.52	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	19.06	2.2	21.26	133.66	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	18.85	2.2	21.05	127.35	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	18.64	2.2	20.84	121.34	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	16.05	2.2	18.25	66.83	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	16.17	2.2	18.37	68.71	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.01	2.2	24.21	263.63	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.48	2.2	24.68	293.76	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.55	2.2	23.75	237.14	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.55	2.2	24.75	298.54	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.58	2.2	24.78	300.61	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.52	2.2	24.72	296.48	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.52	2.2	23.72	235.5	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.34	2.2	23.54	225.94	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.21	2.2	23.41	219.28	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.06	2.2	22.26	168.27	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS

n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.02	2.2	20.22	105.2	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	18	2.2	20.2	104.71	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	17.92	2.2	20.12	102.8	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	19.5	2.2	21.7	147.91	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	20.97	2.2	23.17	207.49	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	19.47	2.2	21.67	146.89	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	20.41	2.2	22.61	182.39	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	18.5	2.2	20.7	117.49	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	18.68	2.2	20.88	122.46	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	16.06	2.2	18.26	66.99	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	16.01	2.2	18.21	66.22	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	22.07	2.2	24.27	267.3	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.26	2.2	24.46	279.25	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	22.49	2.2	24.69	294.44	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.75	2.2	24.95	312.61	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.34	2.2	24.54	284.45	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	20.42	2.2	22.62	182.81	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	21.47	2.2	23.67	232.81	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.05	2.2	23.25	211.35	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	19.95	2.2	22.15	164.06	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.18	2.2	22.38	172.98	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	19.74	2.2	21.94	156.31	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	18.4	2.2	20.6	114.82	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	18.02	2.2	20.22	105.2	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.17	2.2	20.37	108.89	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	17.71	2.2	19.91	97.95	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	19.42	2.2	21.62	145.21	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	21.15	2.2	23.35	216.27	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	20.72	2.2	22.92	195.88	1000	PASS

n77(3450-3550)	30	60	634666	162@0	CP_16QAM	19.42	2.2	21.62	145.21	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	20.45	2.2	22.65	184.08	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	20.26	2.2	22.46	176.2	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	18.93	2.2	21.13	129.72	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	18.89	2.2	21.09	128.53	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	15.96	2.2	18.16	65.46	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	15.93	2.2	18.13	65.01	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	16.26	2.2	18.46	70.15	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	15.78	2.2	17.98	62.81	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	21.99	2.2	24.19	262.42	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.4	2.2	24.6	288.4	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.45	2.2	23.65	231.74	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.71	2.2	24.91	309.74	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.43	2.2	24.63	290.4	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.51	2.2	23.71	234.96	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.29	2.2	23.49	223.36	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	20.98	2.2	23.18	207.97	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	19.95	2.2	22.15	164.06	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.73	2.2	21.93	155.96	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.4	2.2	20.6	114.82	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	17.66	2.2	19.86	96.83	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	19.44	2.2	21.64	145.88	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	20.96	2.2	23.16	207.01	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	21.03	2.2	23.23	210.38	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	20.69	2.2	22.89	194.54	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	19.42	2.2	21.62	145.21	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	20.45	2.2	22.65	184.08	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	20.21	2.2	22.41	174.18	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	18.96	2.2	21.16	130.62	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	18.77	2.2	20.97	125.03	1000	PASS

n77(3450-3550)	30	70	632334	1@187	CP_64QAM	15.6	2.2	17.8	60.26	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	15.98	2.2	18.18	65.77	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	16.4	2.2	18.6	72.44	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	16.07	2.2	18.27	67.14	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	15.75	2.2	17.95	62.37	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	22	2.2	24.2	263.03	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.68	2.2	24.88	307.61	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.41	2.2	24.61	289.07	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.58	2.2	24.78	300.61	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.47	2.2	24.67	293.09	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.42	2.2	22.62	182.81	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.23	2.2	23.43	220.29	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	20.98	2.2	23.18	207.97	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	19.98	2.2	22.18	165.2	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.76	2.2	21.96	157.04	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.01	2.2	20.21	104.95	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.69	2.2	19.89	97.5	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	19.43	2.2	21.63	145.55	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	20.99	2.2	23.19	208.45	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	20.68	2.2	22.88	194.09	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	19.42	2.2	21.62	145.21	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	20.46	2.2	22.66	184.5	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	20.49	2.2	22.69	185.78	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	20.2	2.2	22.4	173.78	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	18.94	2.2	21.14	130.02	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	18.94	2.2	21.14	130.02	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	18.78	2.2	20.98	125.31	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	18.47	2.2	20.67	116.68	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	15.96	2.2	18.16	65.46	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	15.78	2.2	17.98	62.81	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	21.96	2.2	24.16	260.62	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	22.66	2.2	24.86	306.2	1000	PASS

n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.7	2.2	24.9	309.03	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.25	2.2	24.45	278.61	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	21.45	2.2	23.65	231.74	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	22.56	2.2	24.76	299.23	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.75	2.2	24.95	312.61	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.29	2.2	24.49	281.19	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	20.42	2.2	22.62	182.81	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	21.45	2.2	23.65	231.74	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.34	2.2	23.54	225.94	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.82	2.2	23.02	200.45	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.9	2.2	22.1	162.18	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	20.15	2.2	22.35	171.79	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.63	2.2	21.83	152.41	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	17.93	2.2	20.13	103.04	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	17.4	2.2	19.6	91.2	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.54	2.2	19.74	94.19	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	19.42	2.2	21.62	145.21	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	20.57	2.2	22.77	189.23	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	19.4	2.2	21.6	144.54	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	18.93	2.2	21.13	129.72	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	18.83	2.2	21.03	126.77	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	18.34	2.2	20.54	113.24	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	15.95	2.2	18.15	65.31	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	15.96	2.2	18.16	65.46	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	16.15	2.2	18.35	68.39	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	15.64	2.2	17.84	60.81	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	22	2.2	24.2	263.03	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.73	2.2	24.93	311.17	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.45	2.2	24.65	291.74	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.49	2.2	23.69	233.88	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.78	2.2	24.98	314.77	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.46	2.2	24.66	292.42	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.49	2.2	22.69	185.78	1000	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.5	2.2	23.7	234.42	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.4	2.2	23.6	229.09	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.77	2.2	21.97	157.4	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.72	2.2	19.92	98.17	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	19.44	2.2	21.64	145.88	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	21.1	2.2	23.3	213.8	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	20.79	2.2	22.99	199.07	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	19.46	2.2	21.66	146.55	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	20.24	2.2	22.44	175.39	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	19.01	2.2	21.21	132.13	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	18.86	2.2	21.06	127.64	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	18.5	2.2	20.7	117.49	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	16.19	2.2	18.39	69.02	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	15.84	2.2	18.04	63.68	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	21.99	2.2	24.19	262.42	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.67	2.2	24.87	306.9	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.64	2.2	24.84	304.79	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.37	2.2	24.57	286.42	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.44	2.2	23.64	231.21	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.69	2.2	24.89	308.32	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.4	2.2	24.6	288.4	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.43	2.2	22.63	183.23	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.47	2.2	23.67	232.81	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.36	2.2	23.56	226.99	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	20.95	2.2	23.15	206.54	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	19.93	2.2	22.13	163.31	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.61	2.2	21.81	151.71	1000	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.01	2.2	20.21	104.95	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.6	2.2	19.8	95.5	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	19.41	2.2	21.61	144.88	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	20.63	2.2	22.83	191.87	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	19.42	2.2	21.62	145.21	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	20.15	2.2	22.35	171.79	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	18.83	2.2	21.03	126.77	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	15.96	2.2	18.16	65.46	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	15.73	2.2	17.93	62.09	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.95	2.2	24.15	260.02	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	22.66	2.2	24.86	306.2	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.26	2.2	24.46	279.25	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.4	2.2	23.6	229.09	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.28	2.2	24.48	280.54	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.39	2.2	22.59	181.55	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	21.45	2.2	23.65	231.74	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.3	2.2	23.5	223.87	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.86	2.2	23.06	202.3	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.93	2.2	22.13	163.31	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.56	2.2	21.76	149.97	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.8	2.2	20	100	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	17.96	2.2	20.16	103.75	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.51	2.2	19.71	93.54	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	19.38	2.2	21.58	143.88	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	20.92	2.2	23.12	205.12	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS

n77(3450-3550)	30	80	634000	1@215	CP_QPSK	20.54	2.2	22.74	187.93	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	19.4	2.2	21.6	144.54	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	20.41	2.2	22.61	182.39	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	20.06	2.2	22.26	168.27	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	18.89	2.2	21.09	128.53	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	18.92	2.2	21.12	129.42	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	18.77	2.2	20.97	125.03	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	15.94	2.2	18.14	65.16	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	16.07	2.2	18.27	67.14	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	15.64	2.2	17.84	60.81	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	21.92	2.2	24.12	258.23	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.72	2.2	24.92	310.46	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.31	2.2	24.51	282.49	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.44	2.2	23.64	231.21	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.61	2.2	24.81	302.69	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.7	2.2	24.9	309.03	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.35	2.2	24.55	285.1	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.39	2.2	22.59	181.55	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.46	2.2	23.66	232.27	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	21.28	2.2	23.48	222.84	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	20.86	2.2	23.06	202.3	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	19.92	2.2	22.12	162.93	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	19.99	2.2	22.19	165.58	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.99	2.2	22.19	165.58	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.58	2.2	21.78	150.66	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.91	2.2	20.11	102.57	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.5	2.2	19.7	93.33	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.54	2.2	19.74	94.19	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	19.37	2.2	21.57	143.55	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	20.56	2.2	22.76	188.8	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	19.36	2.2	21.56	143.22	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	20.41	2.2	22.61	182.39	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	20.05	2.2	22.25	167.88	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	18.93	2.2	21.13	129.72	1000	PASS

n77(3450-3550)	30	90	633000	1@1	CP_64QAM	18.78	2.2	20.98	125.31	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	18.36	2.2	20.56	113.76	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	15.91	2.2	18.11	64.71	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	16.23	2.2	18.43	69.66	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	21.95	2.2	24.15	260.02	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.67	2.2	24.87	306.9	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.69	2.2	24.89	308.32	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.27	2.2	24.47	279.9	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.43	2.2	23.63	230.67	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.78	2.2	24.98	314.77	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.37	2.2	24.57	286.42	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.48	2.2	23.68	233.35	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.32	2.2	23.52	224.91	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	20.86	2.2	23.06	202.3	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.59	2.2	21.79	151.01	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	17.95	2.2	20.15	103.51	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.01	2.2	20.21	104.95	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.51	2.2	19.71	93.54	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	19.38	2.2	21.58	143.88	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	20.93	2.2	23.13	205.59	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	20.54	2.2	22.74	187.93	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	19.38	2.2	21.58	143.88	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	20.59	2.2	22.79	190.11	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	20.08	2.2	22.28	169.04	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	18.45	2.2	20.65	116.14	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	18.85	2.2	21.05	127.35	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	18.32	2.2	20.52	112.72	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	15.95	2.2	18.15	65.31	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	16.01	2.2	18.21	66.22	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	16.15	2.2	18.35	68.39	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	15.64	2.2	17.84	60.81	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	21.98	2.2	24.18	261.82	1000	PASS

n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.68	2.2	24.88	307.61	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.82	2.2	25.02	317.69	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.35	2.2	24.55	285.1	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.45	2.2	23.65	231.74	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.8	2.2	25	316.23	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.31	2.2	24.51	282.49	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.51	2.2	23.71	234.96	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.39	2.2	23.59	228.56	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.84	2.2	23.04	201.37	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	19.98	2.2	22.18	165.2	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.56	2.2	21.76	149.97	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	17.97	2.2	20.17	103.99	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.51	2.2	19.71	93.54	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	19.39	2.2	21.59	144.21	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	20.95	2.2	23.15	206.54	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	20.6	2.2	22.8	190.55	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	19.41	2.2	21.61	144.88	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	20.13	2.2	22.33	171	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	18.94	2.2	21.14	130.02	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	18.96	2.2	21.16	130.62	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	18.85	2.2	21.05	127.35	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	15.98	2.2	18.18	65.77	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	16.17	2.2	18.37	68.71	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	15.72	2.2	17.92	61.94	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	21.91	2.2	24.11	257.63	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.75	2.2	24.95	312.61	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.28	2.2	24.48	280.54	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.42	2.2	23.62	230.14	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.82	2.2	25.02	317.69	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.27	2.2	24.47	279.9	1000	PASS

n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.37	2.2	22.57	180.72	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.47	2.2	23.67	232.81	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	21.38	2.2	23.58	228.03	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.82	2.2	23.02	200.45	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	19.93	2.2	22.13	163.31	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.5	2.2	21.7	147.91	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.51	2.2	19.71	93.54	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	19.39	2.2	21.59	144.21	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	20.96	2.2	23.16	207.01	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	20.5	2.2	22.7	186.21	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	19.37	2.2	21.57	143.55	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	20.02	2.2	22.22	166.72	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	18.91	2.2	21.11	129.12	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	18.81	2.2	21.01	126.18	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	15.95	2.2	18.15	65.31	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	16.19	2.2	18.39	69.02	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	15.62	2.2	17.82	60.53	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	22.12	2.2	24.32	270.4	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	22.56	2.2	24.76	299.23	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.56	2.2	24.76	299.23	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	21.57	2.2	23.77	238.23	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.75	2.2	24.95	312.61	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.72	2.2	22.92	195.88	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	21.59	2.2	23.79	239.33	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.45	2.2	23.65	231.74	1000	PASS

n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.39	2.2	23.59	228.56	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.24	2.2	22.44	175.39	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.22	2.2	22.42	174.58	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.3	2.2	20.5	112.2	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.31	2.2	20.51	112.46	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.5	2.2	20.7	117.49	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	19.59	2.2	21.79	151.01	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	21.03	2.2	23.23	210.38	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	21.08	2.2	23.28	212.81	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	19.45	2.2	21.65	146.22	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	20.81	2.2	23.01	199.99	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	20.73	2.2	22.93	196.34	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	20.63	2.2	22.83	191.87	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	19.19	2.2	21.39	137.72	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	19.14	2.2	21.34	136.14	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	18.89	2.2	21.09	128.53	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	16.16	2.2	18.36	68.55	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	16.22	2.2	18.42	69.5	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.05	2.2	24.25	266.07	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.6	2.2	24.8	302	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.48	2.2	24.68	293.76	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	22.71	2.2	24.91	309.74	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.51	2.2	24.71	295.8	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.53	2.2	22.73	187.5	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.62	2.2	23.82	240.99	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.37	2.2	23.57	227.51	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.27	2.2	23.47	222.33	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.14	2.2	22.34	171.4	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	19.89	2.2	22.09	161.81	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.24	2.2	20.44	110.66	1000	PASS

n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	17.42	2.2	19.62	91.62	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	20.91	2.2	23.11	204.64	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	21.15	2.2	23.35	216.27	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	19.43	2.2	21.63	145.55	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	20.71	2.2	22.91	195.43	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	20.69	2.2	22.89	194.54	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	19.16	2.2	21.36	136.77	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	19.13	2.2	21.33	135.83	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	18.83	2.2	21.03	126.77	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	18.7	2.2	20.9	123.03	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	16.15	2.2	18.35	68.39	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	16.13	2.2	18.33	68.08	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	21.95	2.2	24.15	260.02	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	22.42	2.2	24.62	289.73	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	22.5	2.2	24.7	295.12	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	22.45	2.2	24.65	291.74	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	21.4	2.2	23.6	229.09	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	22.52	2.2	24.72	296.48	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	22.51	2.2	24.71	295.8	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	21.44	2.2	23.64	231.21	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	21.28	2.2	23.48	222.84	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	21.25	2.2	23.45	221.31	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	19.9	2.2	22.1	162.18	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	19.84	2.2	22.04	159.96	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	17.93	2.2	20.13	103.04	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	17.89	2.2	20.09	102.09	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	17.29	2.2	19.49	88.92	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	19.41	2.2	21.61	144.88	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	20.86	2.2	23.06	202.3	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	21.02	2.2	23.22	209.89	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	20.91	2.2	23.11	204.64	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	19.41	2.2	21.61	144.88	1000	PASS

n78(3450-3550)	30	10	636332	12@6	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	18.94	2.2	21.14	130.02	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	19.03	2.2	21.23	132.74	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	18.75	2.2	20.95	124.45	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	18.65	2.2	20.85	121.62	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	15.94	2.2	18.14	65.16	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	15.97	2.2	18.17	65.61	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	16.01	2.2	18.21	66.22	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	16.07	2.2	18.27	67.14	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.05	2.2	24.25	266.07	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.58	2.2	24.78	300.61	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.6	2.2	24.8	302	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	22.55	2.2	24.75	298.54	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.58	2.2	23.78	238.78	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.68	2.2	24.88	307.61	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.59	2.2	22.79	190.11	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	21.59	2.2	23.79	239.33	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.36	2.2	23.56	226.99	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.27	2.2	23.47	222.33	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.06	2.2	22.26	168.27	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.2	2.2	22.4	173.78	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.12	2.2	22.32	170.61	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	18.4	2.2	20.6	114.82	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	19.52	2.2	21.72	148.59	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	21.01	2.2	23.21	209.41	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	20.96	2.2	23.16	207.01	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	19.58	2.2	21.78	150.66	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	19.08	2.2	21.28	134.28	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	19.06	2.2	21.26	133.66	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	18.85	2.2	21.05	127.35	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	18.73	2.2	20.93	123.88	1000	PASS

n78(3450-3550)	30	15	630500	38@0	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	16.22	2.2	18.42	69.5	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	16.17	2.2	18.37	68.71	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	22	2.2	24.2	263.03	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.47	2.2	24.67	293.09	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.51	2.2	23.71	234.96	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.64	2.2	24.84	304.79	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	21.5	2.2	23.7	234.42	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.3	2.2	23.5	223.87	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.14	2.2	23.34	215.77	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	19.97	2.2	22.17	164.82	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	19.81	2.2	22.01	158.85	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	17.97	2.2	20.17	103.99	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	17.4	2.2	19.6	91.2	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	19.45	2.2	21.65	146.22	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	21.04	2.2	23.24	210.86	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	20.9	2.2	23.1	204.17	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	20.37	2.2	22.57	180.72	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	19.01	2.2	21.21	132.13	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	18.98	2.2	21.18	131.22	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	18.66	2.2	20.86	121.9	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	18.4	2.2	20.6	114.82	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	15.98	2.2	18.18	65.77	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	21.86	2.2	24.06	254.68	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	22.47	2.2	24.67	293.09	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	22.55	2.2	24.75	298.54	1000	PASS

n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	22.42	2.2	24.62	289.73	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	21.4	2.2	23.6	229.09	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	22.46	2.2	24.66	292.42	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	22.49	2.2	24.69	294.44	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	21.4	2.2	23.6	229.09	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	21.24	2.2	23.44	220.8	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	21.11	2.2	23.31	214.29	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	19.93	2.2	22.13	163.31	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	19.94	2.2	22.14	163.68	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	19.78	2.2	21.98	157.76	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	17.58	2.2	19.78	95.06	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	17.89	2.2	20.09	102.09	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	17.91	2.2	20.11	102.57	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	17.82	2.2	20.02	100.46	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	19.32	2.2	21.52	141.91	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	20.89	2.2	23.09	203.7	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	20.96	2.2	23.16	207.01	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	20.82	2.2	23.02	200.45	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	19.43	2.2	21.63	145.55	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	20.4	2.2	22.6	181.97	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	20.38	2.2	22.58	181.13	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	18.93	2.2	21.13	129.72	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	18.74	2.2	20.94	124.17	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	18.62	2.2	20.82	120.78	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	15.92	2.2	18.12	64.86	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	16.5	2.2	18.7	74.13	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	15.93	2.2	18.13	65.01	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.1	2.2	24.3	269.15	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.75	2.2	24.95	312.61	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.55	2.2	24.75	298.54	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	21.59	2.2	23.79	239.33	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	22.67	2.2	24.87	306.9	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	21.58	2.2	23.78	238.78	1000	PASS

n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.44	2.2	23.64	231.21	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.31	2.2	23.51	224.39	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	19.97	2.2	22.17	164.82	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	17.5	2.2	19.7	93.33	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	17.95	2.2	20.15	103.51	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	19.58	2.2	21.78	150.66	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	21.12	2.2	23.32	214.78	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	20.97	2.2	23.17	207.49	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	19.6	2.2	21.8	151.36	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	20.49	2.2	22.69	185.78	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	19.05	2.2	21.25	133.35	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	19.15	2.2	21.35	136.46	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	18.86	2.2	21.06	127.64	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	18.79	2.2	20.99	125.6	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	16.16	2.2	18.36	68.55	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	16.22	2.2	18.42	69.5	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	16.5	2.2	18.7	74.13	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.01	2.2	24.21	263.63	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.46	2.2	24.66	292.42	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.53	2.2	23.73	236.05	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.65	2.2	24.85	305.49	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.47	2.2	24.67	293.09	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.44	2.2	22.64	183.65	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.5	2.2	23.7	234.42	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.38	2.2	23.58	228.03	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.14	2.2	23.34	215.77	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	19.82	2.2	22.02	159.22	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS

n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.01	2.2	20.21	104.95	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	17.83	2.2	20.03	100.69	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	19.48	2.2	21.68	147.23	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	21.08	2.2	23.28	212.81	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	20.82	2.2	23.02	200.45	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	19.47	2.2	21.67	146.89	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	20.38	2.2	22.58	181.13	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	18.98	2.2	21.18	131.22	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	19.09	2.2	21.29	134.59	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	19.2	2.2	21.4	138.04	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	16.18	2.2	18.38	68.87	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	15.95	2.2	18.15	65.31	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	21.94	2.2	24.14	259.42	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	22.44	2.2	24.64	291.07	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	22.67	2.2	24.87	306.9	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	22.44	2.2	24.64	291.07	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	21.44	2.2	23.64	231.21	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	22.58	2.2	24.78	300.61	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	22.48	2.2	24.68	293.76	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	20.38	2.2	22.58	181.13	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	21.39	2.2	23.59	228.56	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	21.39	2.2	23.59	228.56	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	21.24	2.2	23.44	220.8	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	19.84	2.2	22.04	159.96	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	19.94	2.2	22.14	163.68	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	19.99	2.2	22.19	165.58	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	19.83	2.2	22.03	159.59	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.29	2.2	19.49	88.92	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	17.93	2.2	20.13	103.04	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	18	2.2	20.2	104.71	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	17.81	2.2	20.01	100.23	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	19.39	2.2	21.59	144.21	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	20.92	2.2	23.12	205.12	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	20.99	2.2	23.19	208.45	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	20.83	2.2	23.03	200.91	1000	PASS

n78(3450-3550)	30	20	636000	51@0	CP_16QAM	19.42	2.2	21.62	145.21	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	20.37	2.2	22.57	180.72	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	18.92	2.2	21.12	129.42	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	16.12	2.2	18.32	67.92	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	15.95	2.2	18.15	65.31	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	15.93	2.2	18.13	65.01	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.11	2.2	24.31	269.77	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.67	2.2	24.87	306.9	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.57	2.2	24.77	299.92	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.61	2.2	23.81	240.44	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	22.55	2.2	24.75	298.54	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.74	2.2	24.94	311.89	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	21.53	2.2	23.73	236.05	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.46	2.2	23.66	232.27	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.3	2.2	23.5	223.87	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.2	2.2	22.4	173.78	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.04	2.2	22.24	167.49	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.11	2.2	20.31	107.4	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.16	2.2	20.36	108.64	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	19.59	2.2	21.79	151.01	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	21.06	2.2	23.26	211.84	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	21.17	2.2	23.37	217.27	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	19.63	2.2	21.83	152.41	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	20.73	2.2	22.93	196.34	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	19.11	2.2	21.31	135.21	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	19.13	2.2	21.33	135.83	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS

n78(3450-3550)	30	40	631334	1@104	CP_64QAM	18.82	2.2	21.02	126.47	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	16.24	2.2	18.44	69.82	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	16.12	2.2	18.32	67.92	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	16.28	2.2	18.48	70.47	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	16.16	2.2	18.36	68.55	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.09	2.2	24.29	268.53	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.44	2.2	24.64	291.07	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.61	2.2	23.81	240.44	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	22.56	2.2	24.76	299.23	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.69	2.2	24.89	308.32	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.48	2.2	24.68	293.76	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	21.59	2.2	23.79	239.33	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.37	2.2	23.57	227.51	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.19	2.2	23.39	218.27	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.89	2.2	22.09	161.81	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	17.89	2.2	20.09	102.09	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	19.53	2.2	21.73	148.94	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	21.11	2.2	23.31	214.29	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	20.91	2.2	23.11	204.64	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	19.55	2.2	21.75	149.62	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	20.43	2.2	22.63	183.23	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	19.07	2.2	21.27	133.97	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	19.12	2.2	21.32	135.52	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_64QAM	18.93	2.2	21.13	129.72	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	18.74	2.2	20.94	124.17	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	16.22	2.2	18.42	69.5	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	16.03	2.2	18.23	66.53	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	22	2.2	24.2	263.03	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	22.56	2.2	24.76	299.23	1000	PASS

n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.57	2.2	24.77	299.92	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.38	2.2	24.58	287.08	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	21.53	2.2	23.73	236.05	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	22.55	2.2	24.75	298.54	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.6	2.2	24.8	302	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.43	2.2	24.63	290.4	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	21.56	2.2	23.76	237.68	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.36	2.2	23.56	226.99	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.16	2.2	23.36	216.77	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	19.78	2.2	21.98	157.76	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.01	2.2	20.21	104.95	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	17.83	2.2	20.03	100.69	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	19.49	2.2	21.69	147.57	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	20.83	2.2	23.03	200.91	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	20.59	2.2	22.79	190.11	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	20.38	2.2	22.58	181.13	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	19.02	2.2	21.22	132.43	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	19.11	2.2	21.31	135.21	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	18.82	2.2	21.02	126.47	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	18.62	2.2	20.82	120.78	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	16	2.2	18.2	66.07	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	15.91	2.2	18.11	64.71	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.11	2.2	24.31	269.77	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.58	2.2	24.78	300.61	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.5	2.2	24.7	295.12	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.61	2.2	23.81	240.44	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	22.6	2.2	24.8	302	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.69	2.2	24.89	308.32	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.61	2.2	22.81	190.99	1000	PASS

n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	21.56	2.2	23.76	237.68	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.55	2.2	23.75	237.14	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.35	2.2	23.55	226.46	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	19.98	2.2	22.18	165.2	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.12	2.2	20.32	107.65	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	17.98	2.2	20.18	104.23	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	19.56	2.2	21.76	149.97	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	21.07	2.2	23.27	212.32	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	21.15	2.2	23.35	216.27	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	20.96	2.2	23.16	207.01	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_16QAM	19.58	2.2	21.78	150.66	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_16QAM	20.63	2.2	22.83	191.87	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_64QAM	19.07	2.2	21.27	133.97	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_64QAM	19.12	2.2	21.32	135.52	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_64QAM	18.88	2.2	21.08	128.23	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_64QAM	18.69	2.2	20.89	122.74	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_256QAM	16.23	2.2	18.43	69.66	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_256QAM	16.4	2.2	18.6	72.44	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.09	2.2	24.29	268.53	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.55	2.2	24.75	298.54	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.42	2.2	24.62	289.73	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.59	2.2	23.79	239.33	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.57	2.2	24.77	299.92	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.53	2.2	24.73	297.17	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.53	2.2	23.73	236.05	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.31	2.2	23.51	224.39	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.16	2.2	23.36	216.77	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	19.84	2.2	22.04	159.96	1000	PASS

n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.11	2.2	20.31	107.4	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.12	2.2	20.32	107.65	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	19.55	2.2	21.75	149.62	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	20.89	2.2	23.09	203.7	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_16QAM	19.58	2.2	21.78	150.66	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_16QAM	20.41	2.2	22.61	182.39	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	19.06	2.2	21.26	133.66	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_64QAM	19.13	2.2	21.33	135.83	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_64QAM	18.82	2.2	21.02	126.47	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_64QAM	18.64	2.2	20.84	121.34	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	21.97	2.2	24.17	261.22	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	22.54	2.2	24.74	297.85	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.28	2.2	24.48	280.54	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	21.47	2.2	23.67	232.81	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	22.46	2.2	24.66	292.42	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.57	2.2	24.77	299.92	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.27	2.2	24.47	279.9	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	20.47	2.2	22.67	184.93	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	21.44	2.2	23.64	231.21	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.33	2.2	23.53	225.42	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	21	2.2	23.2	208.93	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	19.98	2.2	22.18	165.2	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	19.71	2.2	21.91	155.24	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	17.97	2.2	20.17	103.99	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	18	2.2	20.2	104.71	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.02	2.2	20.22	105.2	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	19.41	2.2	21.61	144.88	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	20.95	2.2	23.15	206.54	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	21.02	2.2	23.22	209.89	1000	PASS

n78(3450-3550)	30	50	635000	1@131	CP_QPSK	20.73	2.2	22.93	196.34	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	19.41	2.2	21.61	144.88	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_16QAM	20.27	2.2	22.47	176.6	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	18.91	2.2	21.11	129.12	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_64QAM	18.76	2.2	20.96	124.74	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_64QAM	18.47	2.2	20.67	116.68	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	15.94	2.2	18.14	65.16	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_256QAM	15.97	2.2	18.17	65.61	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_256QAM	16.13	2.2	18.33	68.08	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.03	2.2	24.23	264.85	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	22.54	2.2	24.74	297.85	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.31	2.2	24.51	282.49	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.55	2.2	23.75	237.14	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	22.54	2.2	24.74	297.85	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.66	2.2	24.86	306.2	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.4	2.2	24.6	288.4	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.53	2.2	22.73	187.5	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.53	2.2	23.73	236.05	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.47	2.2	23.67	232.81	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.14	2.2	23.34	215.77	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.12	2.2	22.32	170.61	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	19.84	2.2	22.04	159.96	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.06	2.2	20.26	106.17	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.16	2.2	20.36	108.64	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	19.48	2.2	21.68	147.23	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	20.98	2.2	23.18	207.97	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	21.13	2.2	23.33	215.28	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	20.8	2.2	23	199.53	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	19.52	2.2	21.72	148.59	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_16QAM	20.2	2.2	22.4	173.78	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_64QAM	19.04	2.2	21.24	133.05	1000	PASS

n78(3450-3550)	30	60	632000	1@1	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_64QAM	18.56	2.2	20.76	119.12	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_256QAM	16.22	2.2	18.42	69.5	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_256QAM	15.89	2.2	18.09	64.42	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.01	2.2	24.21	263.63	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.51	2.2	24.71	295.8	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.5	2.2	24.7	295.12	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.41	2.2	24.61	289.07	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.51	2.2	23.71	234.96	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.51	2.2	24.71	295.8	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.6	2.2	24.8	302	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.47	2.2	24.67	293.09	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.49	2.2	22.69	185.78	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.32	2.2	23.52	224.91	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.16	2.2	23.36	216.77	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	19.91	2.2	22.11	162.55	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	17.5	2.2	19.7	93.33	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	17.87	2.2	20.07	101.62	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	19.48	2.2	21.68	147.23	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	20.99	2.2	23.19	208.45	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	21.01	2.2	23.21	209.41	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	20.91	2.2	23.11	204.64	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	19.47	2.2	21.67	146.89	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_16QAM	20.38	2.2	22.58	181.13	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_16QAM	20.19	2.2	22.39	173.38	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	18.99	2.2	21.19	131.52	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_64QAM	19.03	2.2	21.23	132.74	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_64QAM	18.78	2.2	20.98	125.31	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_64QAM	18.63	2.2	20.83	121.06	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	16.03	2.2	18.23	66.53	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_256QAM	15.9	2.2	18.1	64.57	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_256QAM	15.96	2.2	18.16	65.46	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	21.97	2.2	24.17	261.22	1000	PASS

n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	22.43	2.2	24.63	290.4	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.6	2.2	24.8	302	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.24	2.2	24.44	277.97	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	21.43	2.2	23.63	230.67	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	22.42	2.2	24.62	289.73	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.7	2.2	24.9	309.03	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.32	2.2	24.52	283.14	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	20.41	2.2	22.61	182.39	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	21.45	2.2	23.65	231.74	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.42	2.2	23.62	230.14	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	20.99	2.2	23.19	208.45	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	19.96	2.2	22.16	164.44	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	19.99	2.2	22.19	165.58	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.13	2.2	22.33	171	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	19.69	2.2	21.89	154.53	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	17.93	2.2	20.13	103.04	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	17.97	2.2	20.17	103.99	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.12	2.2	20.32	107.65	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	17.69	2.2	19.89	97.5	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	19.4	2.2	21.6	144.54	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	20.91	2.2	23.11	204.64	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	21.12	2.2	23.32	214.78	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	20.71	2.2	22.91	195.43	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	19.4	2.2	21.6	144.54	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_16QAM	20.43	2.2	22.63	183.23	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_16QAM	20.64	2.2	22.84	192.31	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_16QAM	20.21	2.2	22.41	174.18	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_64QAM	18.89	2.2	21.09	128.53	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_64QAM	18.42	2.2	20.62	115.35	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	15.95	2.2	18.15	65.31	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_256QAM	15.93	2.2	18.13	65.01	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_256QAM	15.78	2.2	17.98	62.81	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.05	2.2	24.25	266.07	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.68	2.2	24.88	307.61	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.77	2.2	24.97	314.05	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.41	2.2	24.61	289.07	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.54	2.2	23.74	236.59	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.76	2.2	24.96	313.33	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.41	2.2	24.61	289.07	1000	PASS

n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.55	2.2	23.75	237.14	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.37	2.2	23.57	227.51	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.03	2.2	23.23	210.38	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.01	2.2	22.21	166.34	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	20.18	2.2	22.38	172.98	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.79	2.2	21.99	158.12	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.11	2.2	20.31	107.4	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.3	2.2	20.5	112.2	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	21.02	2.2	23.22	209.89	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	21.12	2.2	23.32	214.78	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	20.76	2.2	22.96	197.7	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_16QAM	20.55	2.2	22.75	188.36	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_16QAM	20.6	2.2	22.8	190.55	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_16QAM	20.25	2.2	22.45	175.79	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_64QAM	19.05	2.2	21.25	133.35	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_64QAM	19.06	2.2	21.26	133.66	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_64QAM	18.91	2.2	21.11	129.12	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_64QAM	18.56	2.2	20.76	119.12	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	16.05	2.2	18.25	66.83	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_256QAM	16.05	2.2	18.25	66.83	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_256QAM	15.85	2.2	18.05	63.83	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	22.03	2.2	24.23	264.85	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.64	2.2	24.84	304.79	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.38	2.2	24.58	287.08	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.53	2.2	23.73	236.05	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.46	2.2	24.66	292.42	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.56	2.2	23.76	237.68	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.32	2.2	23.52	224.91	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.09	2.2	22.29	169.43	1000	PASS

n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.81	2.2	22.01	158.85	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	17.6	2.2	19.8	95.5	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.75	2.2	19.95	98.86	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	19.53	2.2	21.73	148.94	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	21.02	2.2	23.22	209.89	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	21.09	2.2	23.29	213.3	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	20.77	2.2	22.97	198.15	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	20.3	2.2	22.5	177.83	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	19.02	2.2	21.22	132.43	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	19.04	2.2	21.24	133.05	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	18.85	2.2	21.05	127.35	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	18.54	2.2	20.74	118.58	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	16.06	2.2	18.26	66.99	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	16.2	2.2	18.4	69.18	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	15.83	2.2	18.03	63.53	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	22.02	2.2	24.22	264.24	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	22.61	2.2	24.81	302.69	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.71	2.2	24.91	309.74	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.33	2.2	24.53	283.79	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	21.51	2.2	23.71	234.96	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	22.59	2.2	24.79	301.3	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.82	2.2	25.02	317.69	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.35	2.2	24.55	285.1	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	21.54	2.2	23.74	236.59	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.42	2.2	23.62	230.14	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.94	2.2	23.14	206.06	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.99	2.2	22.19	165.58	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	20.2	2.2	22.4	173.78	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.66	2.2	21.86	153.46	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	18.01	2.2	20.21	104.95	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	18.12	2.2	20.32	107.65	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.62	2.2	19.82	95.94	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	19.5	2.2	21.7	147.91	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	21	2.2	23.2	208.93	1000	PASS

n78(3450-3550)	30	70	634332	1@1	CP_QPSK	21.14	2.2	23.34	215.77	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	20.67	2.2	22.87	193.64	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	19.49	2.2	21.69	147.57	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	20.62	2.2	22.82	191.43	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	20.18	2.2	22.38	172.98	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	18.99	2.2	21.19	131.52	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	18.9	2.2	21.1	128.82	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	18.44	2.2	20.64	115.88	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	16.02	2.2	18.22	66.37	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	15.99	2.2	18.19	65.92	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	16.21	2.2	18.41	69.34	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	15.74	2.2	17.94	62.23	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.08	2.2	24.28	267.92	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.78	2.2	24.98	314.77	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.48	2.2	24.68	293.76	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.55	2.2	23.75	237.14	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.87	2.2	25.07	321.37	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.53	2.2	24.73	297.17	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.58	2.2	23.78	238.78	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.51	2.2	23.71	234.96	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.12	2.2	23.32	214.78	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	20.28	2.2	22.48	177.01	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.87	2.2	22.07	161.06	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.12	2.2	20.32	107.65	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.2	2.2	20.4	109.65	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.78	2.2	19.98	99.54	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	19.54	2.2	21.74	149.28	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	21.23	2.2	23.43	220.29	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	20.82	2.2	23.02	200.45	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	19.54	2.2	21.74	149.28	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	20.72	2.2	22.92	195.88	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	20.28	2.2	22.48	177.01	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	19.05	2.2	21.25	133.35	1000	PASS

n78(3450-3550)	30	80	632668	109@54	CP_64QAM	19.08	2.2	21.28	134.28	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	18.58	2.2	20.78	119.67	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	16.07	2.2	18.27	67.14	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	16.11	2.2	18.31	67.76	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	16.32	2.2	18.52	71.12	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	15.92	2.2	18.12	64.86	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.05	2.2	24.25	266.07	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.71	2.2	24.91	309.74	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.7	2.2	24.9	309.03	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.4	2.2	24.6	288.4	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.7	2.2	24.9	309.03	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.76	2.2	24.96	313.33	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.43	2.2	24.63	290.4	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.57	2.2	23.77	238.23	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.41	2.2	23.61	229.61	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.03	2.2	23.23	210.38	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	20	2.2	22.2	165.96	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	20.15	2.2	22.35	171.79	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.69	2.2	21.89	154.53	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.11	2.2	20.31	107.4	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.6	2.2	19.8	95.5	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.7	2.2	19.9	97.72	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	19.51	2.2	21.71	148.25	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	21.13	2.2	23.33	215.28	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	20.7	2.2	22.9	194.98	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	19.5	2.2	21.7	147.91	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	20.68	2.2	22.88	194.09	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	20.29	2.2	22.49	177.42	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	19.01	2.2	21.21	132.13	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	19.07	2.2	21.27	133.97	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	18.92	2.2	21.12	129.42	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	18.49	2.2	20.69	117.22	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	16.08	2.2	18.28	67.3	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	16.25	2.2	18.45	69.98	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	16.3	2.2	18.5	70.79	1000	PASS

n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.97	2.2	24.17	261.22	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	22.65	2.2	24.85	305.49	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.67	2.2	24.87	306.9	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.28	2.2	24.48	280.54	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.47	2.2	23.67	232.81	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	22.62	2.2	24.82	303.39	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.72	2.2	24.92	310.46	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.35	2.2	24.55	285.1	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.45	2.2	22.65	184.08	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.33	2.2	23.53	225.42	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.93	2.2	23.13	205.59	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.98	2.2	22.18	165.2	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	20.05	2.2	22.25	167.88	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.64	2.2	21.84	152.76	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.99	2.2	20.19	104.47	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	18.07	2.2	20.27	106.41	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.03	2.2	20.23	105.44	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.61	2.2	19.81	95.72	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	19.47	2.2	21.67	146.89	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	21.03	2.2	23.23	210.38	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	21.03	2.2	23.23	210.38	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	20.61	2.2	22.81	190.99	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	19.46	2.2	21.66	146.55	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	20.58	2.2	22.78	189.67	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	20.16	2.2	22.36	172.19	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	19.01	2.2	21.21	132.13	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	18.83	2.2	21.03	126.77	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_64QAM	18.6	2.2	20.8	120.23	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	16.01	2.2	18.21	66.22	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	15.76	2.2	17.96	62.52	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.04	2.2	24.24	265.46	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.68	2.2	24.88	307.61	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.78	2.2	24.98	314.77	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.34	2.2	24.54	284.45	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.83	2.2	25.03	318.42	1000	PASS

n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.39	2.2	24.59	287.74	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.48	2.2	22.68	185.35	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	21.46	2.2	23.66	232.27	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	21	2.2	23.2	208.93	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	20.07	2.2	22.27	168.66	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	20.13	2.2	22.33	171	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.66	2.2	21.86	153.46	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.8	2.2	20	100	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	18.08	2.2	20.28	106.66	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	18.14	2.2	20.34	108.14	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.64	2.2	19.84	96.38	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	19.46	2.2	21.66	146.55	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	21	2.2	23.2	208.93	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	21.13	2.2	23.33	215.28	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	20.65	2.2	22.85	192.75	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	19.45	2.2	21.65	146.22	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	20.67	2.2	22.87	193.64	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	20.23	2.2	22.43	174.98	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	19.01	2.2	21.21	132.13	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	19.02	2.2	21.22	132.43	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	18.92	2.2	21.12	129.42	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	18.45	2.2	20.65	116.14	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	16	2.2	18.2	66.07	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	16.5	2.2	18.7	74.13	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	16.23	2.2	18.43	69.66	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	15.76	2.2	17.96	62.52	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.03	2.2	24.23	264.85	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.66	2.2	24.86	306.2	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.79	2.2	24.99	315.5	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.33	2.2	24.53	283.79	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.52	2.2	23.72	235.5	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.85	2.2	25.05	319.89	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.41	2.2	24.61	289.07	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.51	2.2	22.71	186.64	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.56	2.2	23.76	237.68	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.54	2.2	23.74	236.59	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	21.01	2.2	23.21	209.41	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.03	2.2	22.23	167.11	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.08	2.2	22.28	169.04	1000	PASS

n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.59	2.2	21.79	151.01	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	18.04	2.2	20.24	105.68	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.11	2.2	20.31	107.4	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.56	2.2	19.76	94.62	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.6	2.2	19.8	95.5	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	19.49	2.2	21.69	147.57	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	21.02	2.2	23.22	209.89	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	21.19	2.2	23.39	218.27	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	20.63	2.2	22.83	191.87	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	19.5	2.2	21.7	147.91	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	20.53	2.2	22.73	187.5	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	20.66	2.2	22.86	193.2	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	19.02	2.2	21.22	132.43	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	19.04	2.2	21.24	133.05	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	18.42	2.2	20.62	115.35	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	16.05	2.2	18.25	66.83	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	16.1	2.2	18.3	67.61	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	16.24	2.2	18.44	69.82	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	16.6	2.2	18.8	75.86	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	22.1	2.2	24.3	269.15	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.81	2.2	25.01	316.96	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.34	2.2	24.54	284.45	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.56	2.2	23.76	237.68	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.73	2.2	24.93	311.17	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.93	2.2	25.13	325.84	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.42	2.2	24.62	289.73	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.54	2.2	22.74	187.93	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.61	2.2	23.81	240.44	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.46	2.2	23.66	232.27	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.93	2.2	23.13	205.59	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.06	2.2	22.26	168.27	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.11	2.2	22.31	170.22	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	20.28	2.2	22.48	177.01	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.69	2.2	21.89	154.53	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	18.09	2.2	20.29	106.91	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.14	2.2	20.34	108.14	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	17.6	2.2	19.8	95.5	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.61	2.2	19.81	95.72	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	19.51	2.2	21.71	148.25	1000	PASS

n78(3450-3550)	30	90	633666	123@61	CP_QPSK	21.05	2.2	23.25	211.35	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	21.17	2.2	23.37	217.27	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	20.68	2.2	22.88	194.09	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	19.52	2.2	21.72	148.59	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	20.56	2.2	22.76	188.8	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	20.72	2.2	22.92	195.88	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	20.23	2.2	22.43	174.98	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	19.03	2.2	21.23	132.74	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	19.08	2.2	21.28	134.28	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	18.8	2.2	21	125.89	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	18.51	2.2	20.71	117.76	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	16.06	2.2	18.26	66.99	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	16.14	2.2	18.34	68.23	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	16.28	2.2	18.48	70.47	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	15.82	2.2	18.02	63.39	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.02	2.2	24.22	264.24	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.7	2.2	24.9	309.03	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.85	2.2	25.05	319.89	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.37	2.2	24.57	286.42	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.48	2.2	23.68	233.35	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.63	2.2	24.83	304.09	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.91	2.2	25.11	324.34	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.35	2.2	24.55	285.1	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.5	2.2	22.7	186.21	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.58	2.2	23.78	238.78	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	21.48	2.2	23.68	233.35	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.89	2.2	23.09	203.7	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.02	2.2	22.22	166.72	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.1	2.2	22.3	169.82	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	20.19	2.2	22.39	173.38	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.6	2.2	21.8	151.36	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.05	2.2	20.25	105.93	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	18.1	2.2	20.3	107.15	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	18.23	2.2	20.43	110.41	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.58	2.2	19.78	95.06	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	19.48	2.2	21.68	147.23	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	21.02	2.2	23.22	209.89	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	21.2	2.2	23.4	218.78	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	20.57	2.2	22.77	189.23	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	19.49	2.2	21.69	147.57	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	20.52	2.2	22.72	187.07	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	20.74	2.2	22.94	196.79	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	20.1	2.2	22.3	169.82	1000	PASS

n78(3450-3550)	30	100	633334	273@0	CP_64QAM	19	2.2	21.2	131.83	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	19.02	2.2	21.22	132.43	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	18.95	2.2	21.15	130.32	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	18.34	2.2	20.54	113.24	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	16.04	2.2	18.24	66.68	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	16.8	2.2	19	79.43	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	16.33	2.2	18.53	71.29	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	15.71	2.2	17.91	61.8	1000	PASS

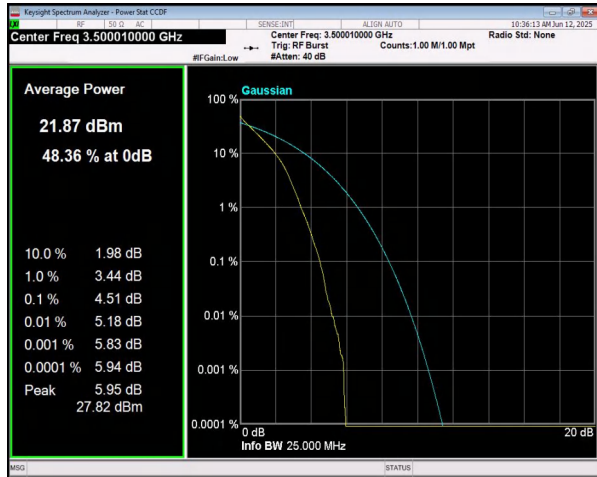
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-5.6	-0.0016	PASS
20	6	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	0	0	PASS
20	8.9	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	1.4	0.0004	PASS
-30	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-4.5	-0.00129	PASS
-20	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-2	-0.00057	PASS
-10	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	1.8	0.00051	PASS
0	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	0.4	0.00011	PASS
10	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-0.1	-0.00003	PASS
30	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	2.1	0.0006	PASS
40	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-0.9	-0.00026	PASS
50	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-2.29	-0.00065	PASS

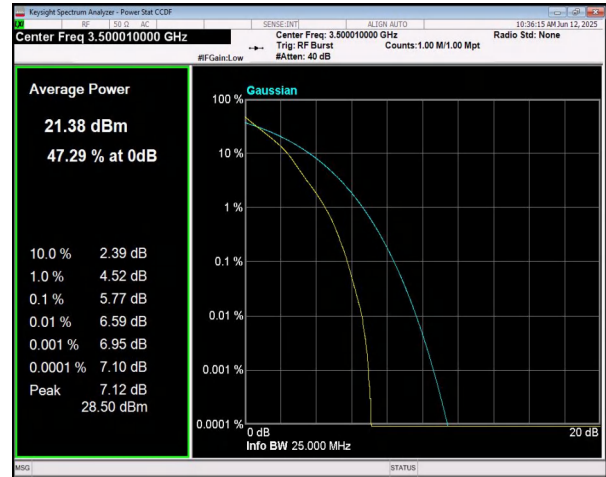
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

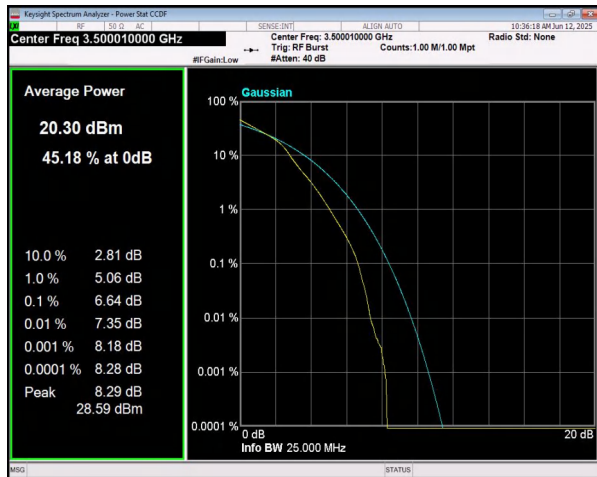
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.51	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.77	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.64	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.65	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.64	13	PASS



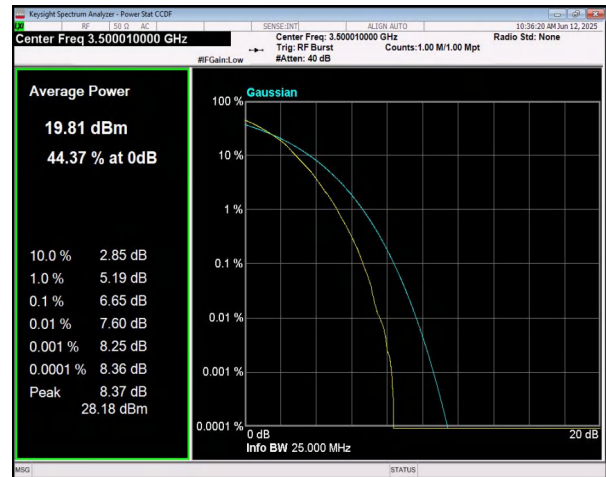
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



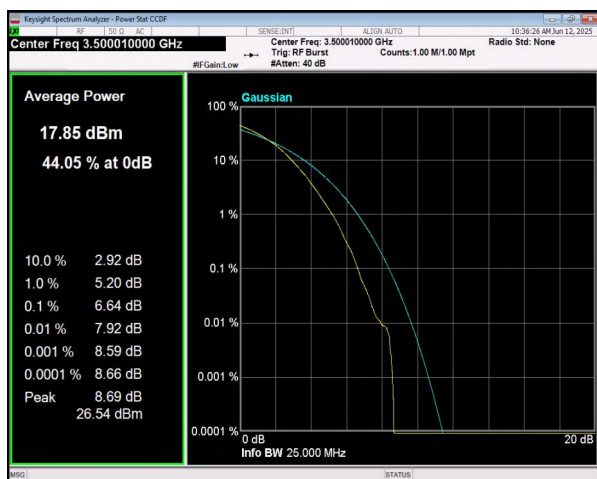
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz
Channel=633334 RB=50@0



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

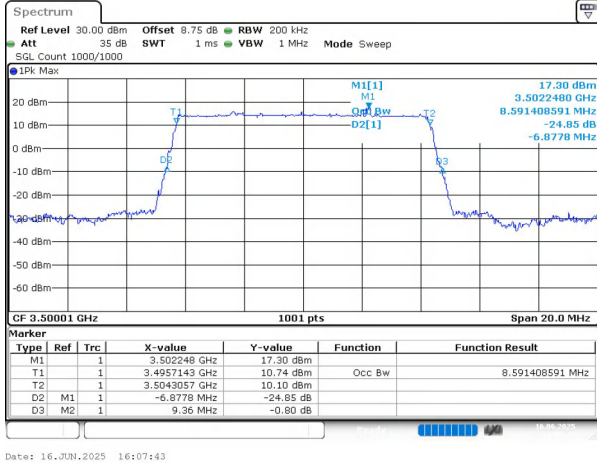


n78(3450-3550) SCS=30kHz DFT_256QAM BW=20MHz
Channel=633334 RB=50@0

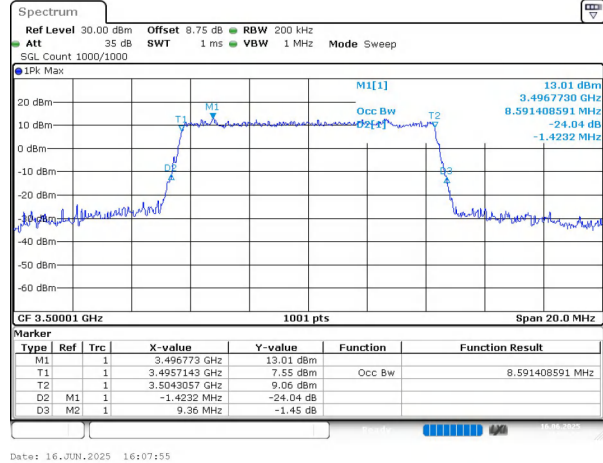
4. Occupied Bandwidth

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	8.591	9.360	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	8.631	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	9.460	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.947	13.800	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.636	14.580	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.606	14.490	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.696	14.760	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.636	14.610	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.982	19.240	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.342	19.600	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.302	19.640	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.342	19.520	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.302	19.600	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.964	38.240	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	37.962	40.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	37.962	40.320	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.042	40.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.962	40.480	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.954	48.400	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.652	50.100	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	47.552	50.300	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.652	50.200	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.501	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.382	62.880	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	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.501	62.760	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.895	69.300	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	67.972	72.380	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.972	72.380	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	67.832	72.380	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.363	82.240	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.842	82.400	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.842	82.400	PASS

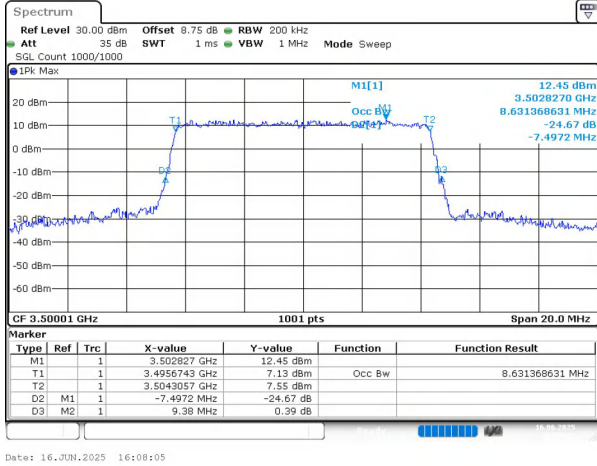
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	78.002	82.560	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.842	82.400	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.033	91.800	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.752	92.700	PASS
n78(3450-3550)	30	90	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	92.520	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.752	92.520	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.903	101.800	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.702	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	97.702	102.800	PASS



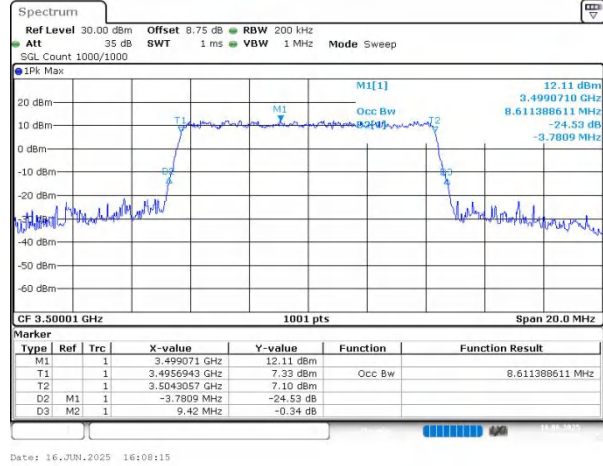
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
Channel=633334 RB=24@0



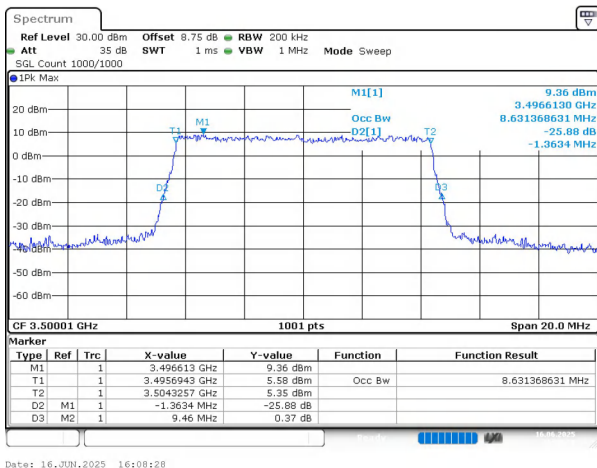
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
Channel=633334 RB=24@0



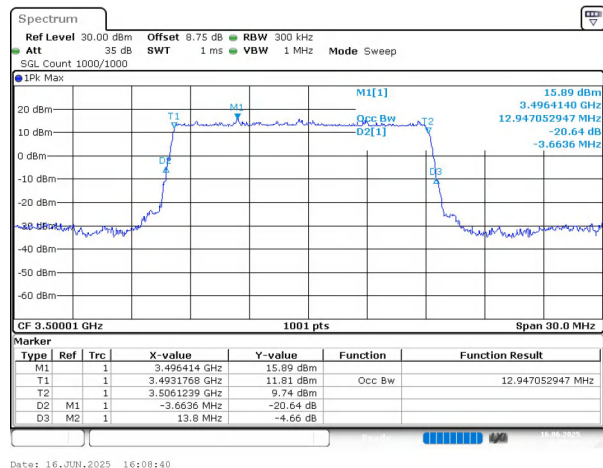
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz
Channel=633334 RB=24@0



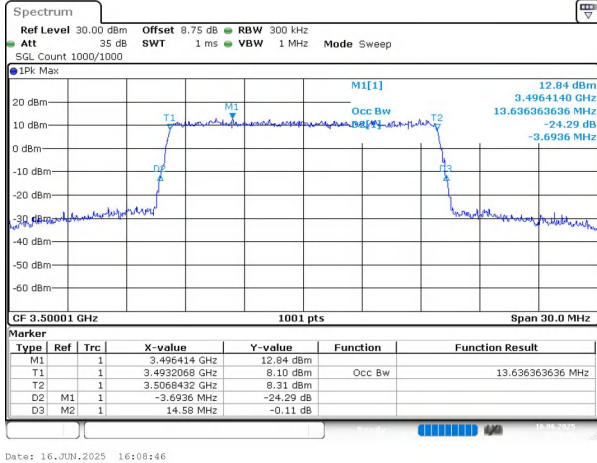
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz
Channel=633334 RB=24@0



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

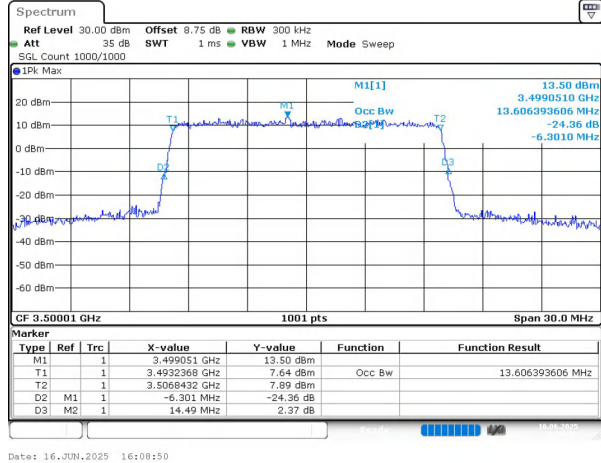


n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
Channel=633334 RB=36@0



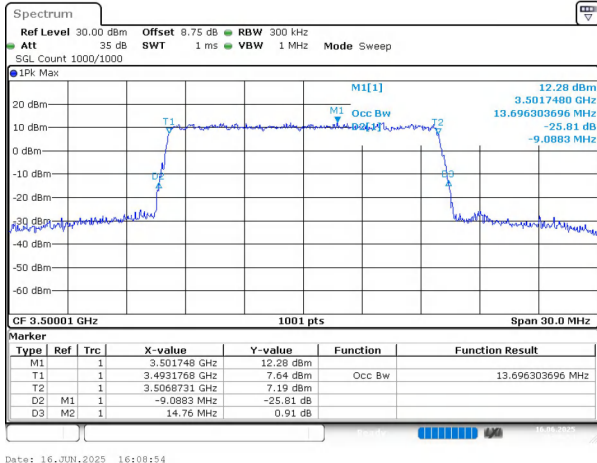
Date: 16.JUN.2025 16:08:46

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



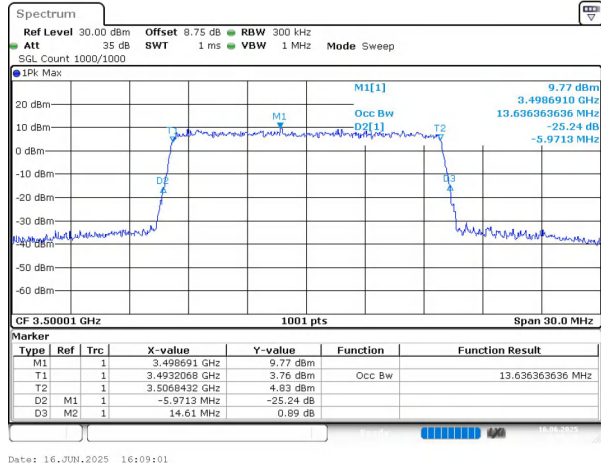
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n78(3450-3550) SCS=30kHz CP_16QAM BW=15MHz
Channel=633334 RB=38@0



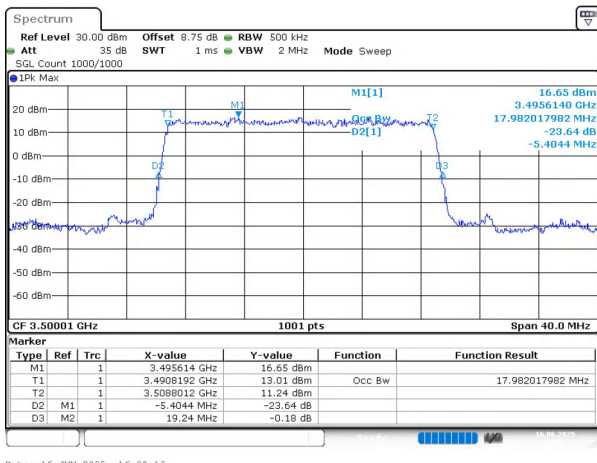
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n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz
Channel=633334 RB=38@0



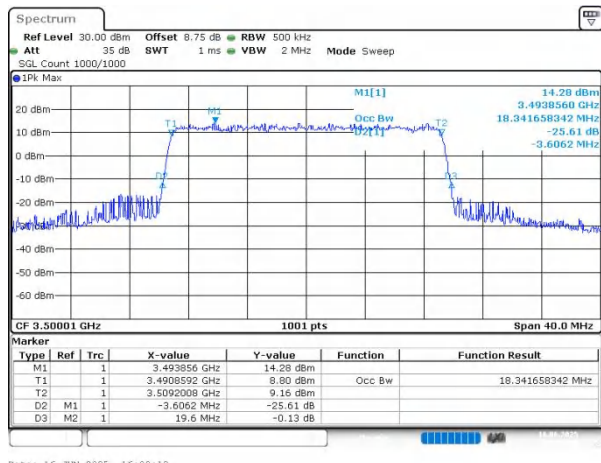
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n78(3450-3550) SCS=30kHz CP_256QAM BW=15MHz
Channel=633334 RB=38@0



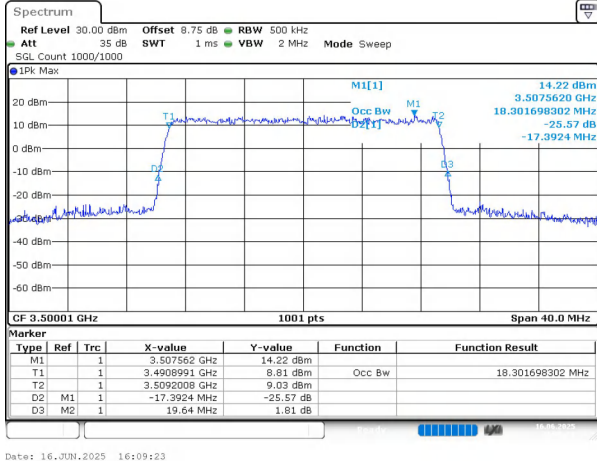
Date: 16.JUN.2025 16:09:13

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

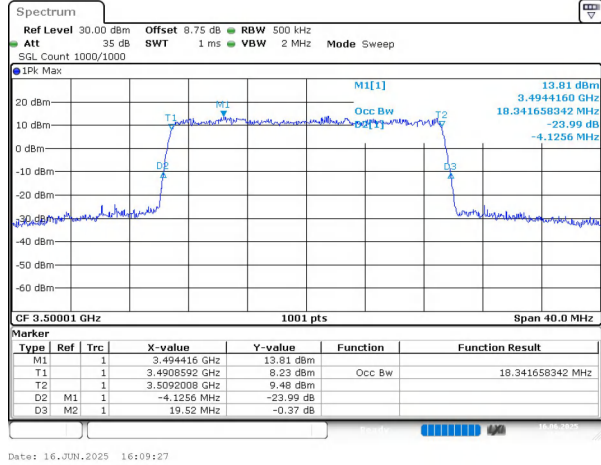


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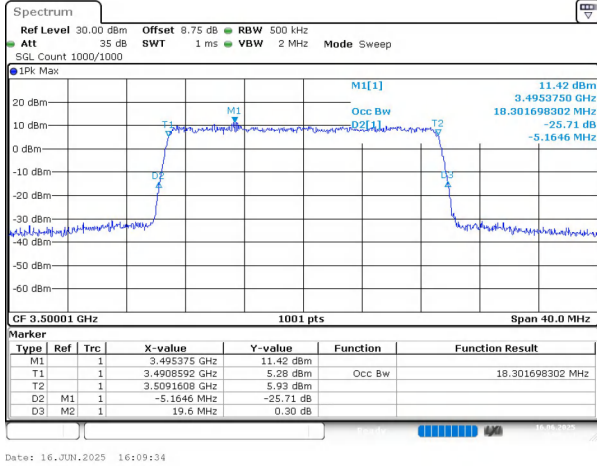
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz
Channel=633334 RB=51@0



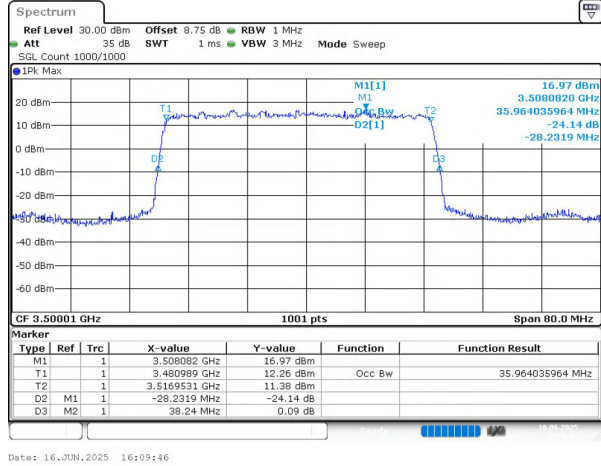
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz
Channel=633334 RB=51@0



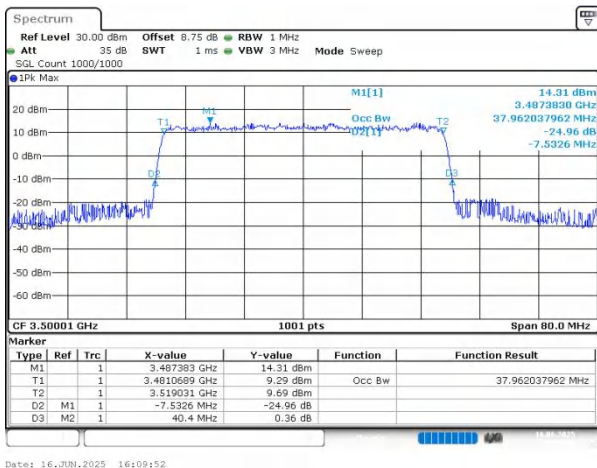
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz
Channel=633334 RB=51@0



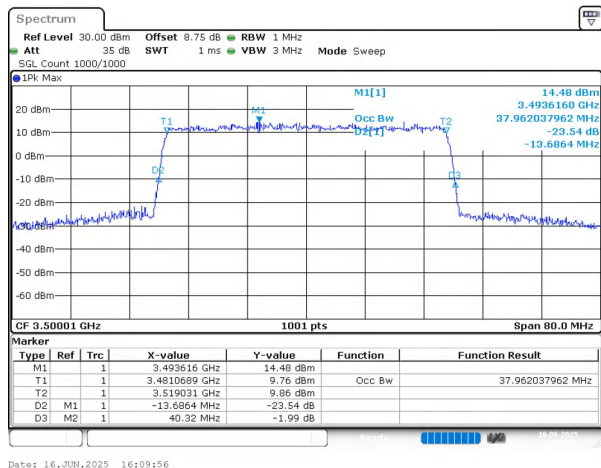
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz
Channel=633334 RB=51@0



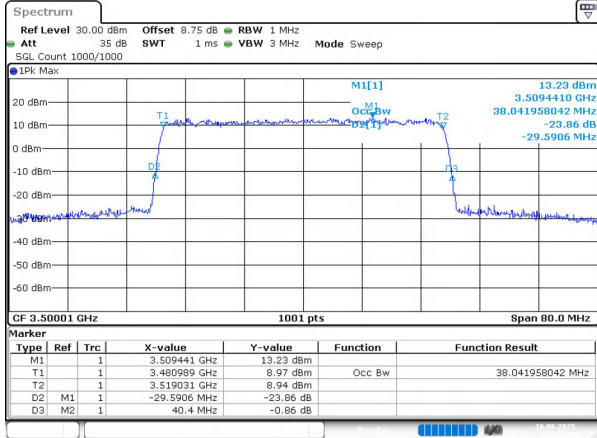
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz
Channel=633334 RB=100@0



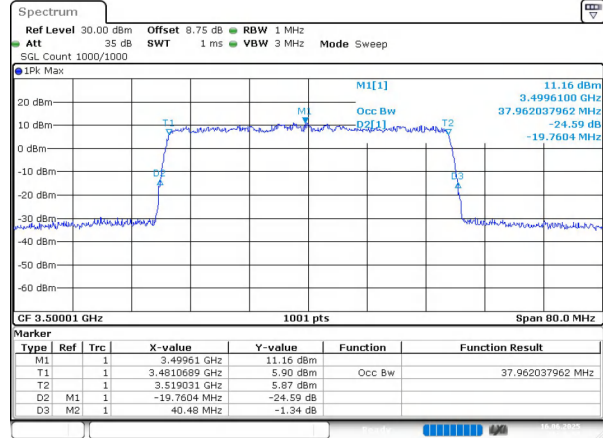
n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz
Channel=633334 RB=106@0



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



Date: 16.JUN.2025 16:10:00



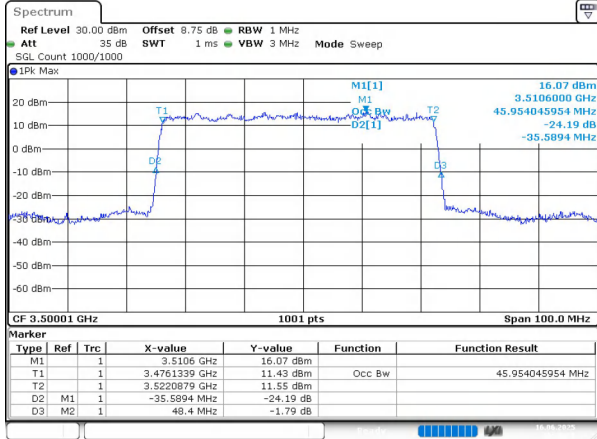
Date: 16.JUN.2025 16:10:07

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

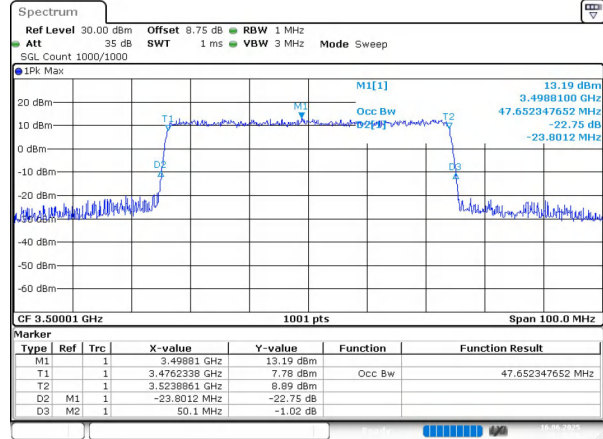
Channel=633334 RB=106@0

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

Channel=633334 RB=106@0



Date: 16.JUN.2025 16:10:21



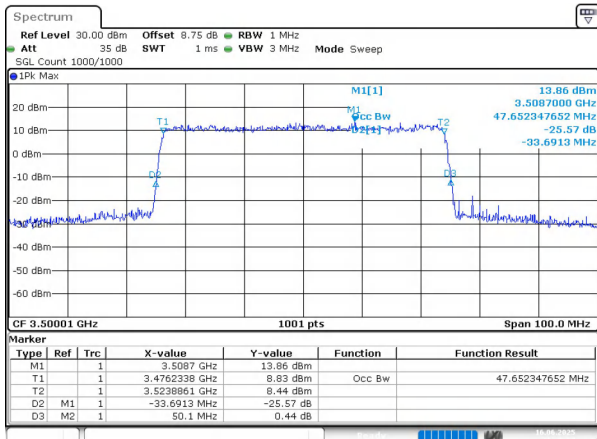
Date: 16.JUN.2025 16:10:30

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

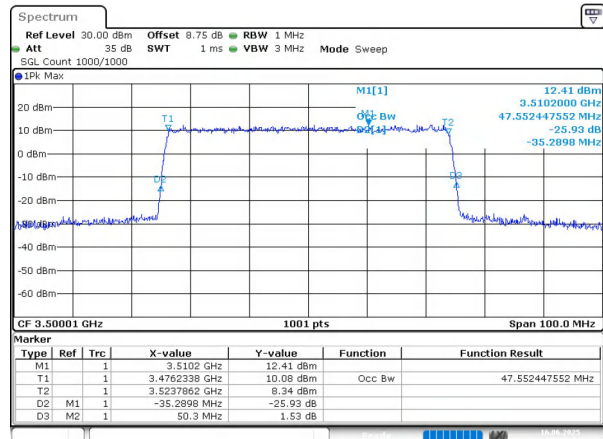
Channel=633334 RB=128@0

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

Channel=633334 RB=133@0



Date: 16.JUN.2025 16:10:37



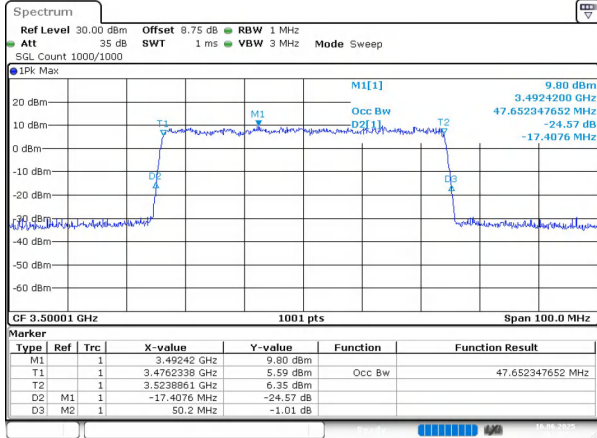
Date: 16.JUN.2025 16:10:44

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

Channel=633334 RB=133@0

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

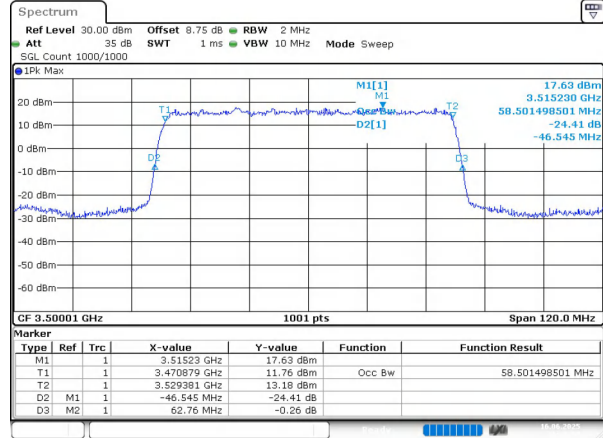
Channel=633334 RB=133@0



Date: 16.JUN.2025 16:10:53

n78(3450-3550) SCS=30kHz CP_256QAM BW=50MHz

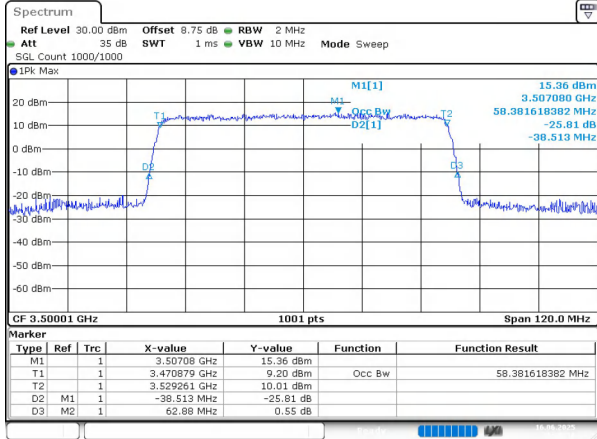
Channel=633334 RB=133@0



Date: 16.JUN.2025 16:11:07

n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz

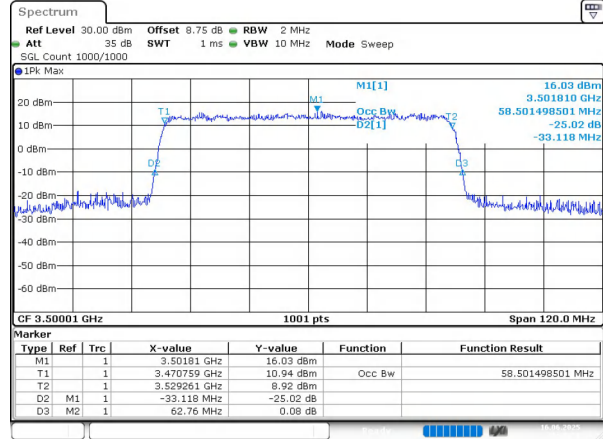
Channel=633334 RB=162@0



Date: 16.JUN.2025 16:11:16

n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz

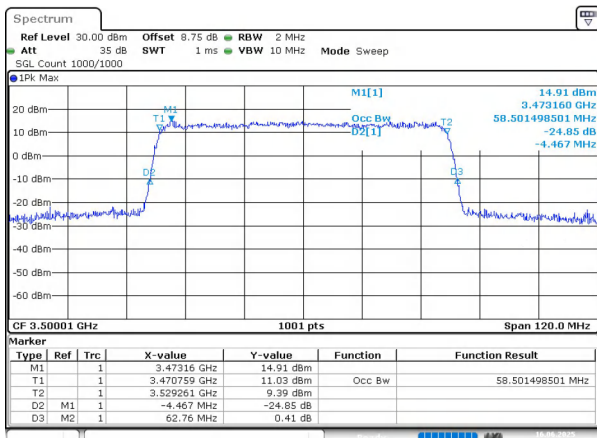
Channel=633334 RB=162@0



Date: 16.JUN.2025 16:11:23

n78(3450-3550) SCS=30kHz CP_16QAM BW=60MHz

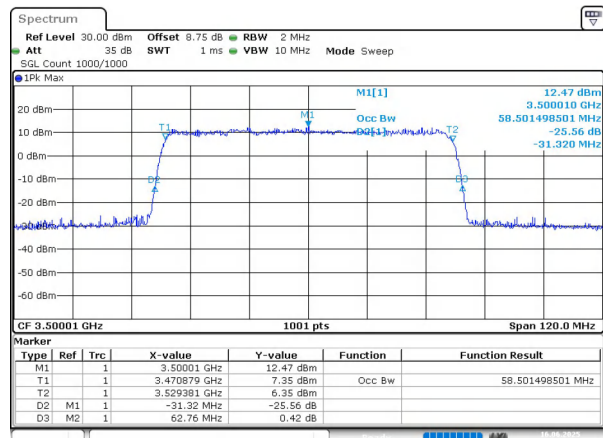
Channel=633334 RB=162@0



Date: 16.JUN.2025 16:11:30

n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz

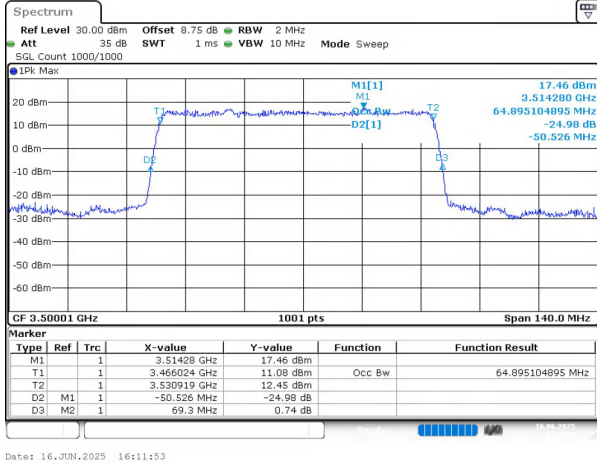
Channel=633334 RB=162@0



Date: 16.JUN.2025 16:11:39

n78(3450-3550) SCS=30kHz CP_256QAM BW=60MHz

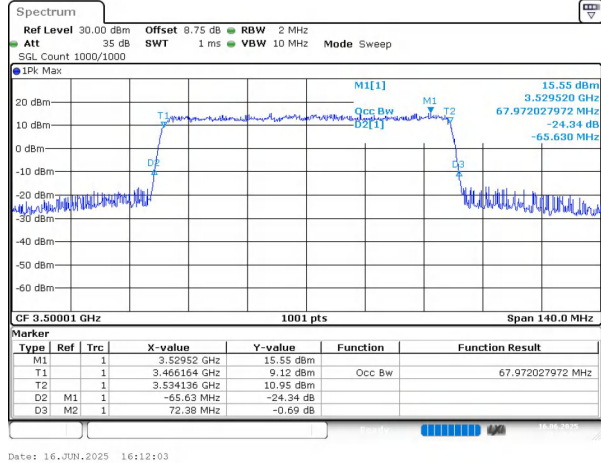
Channel=633334 RB=162@0



Date: 16.JUN.2025 16:11:53

n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz

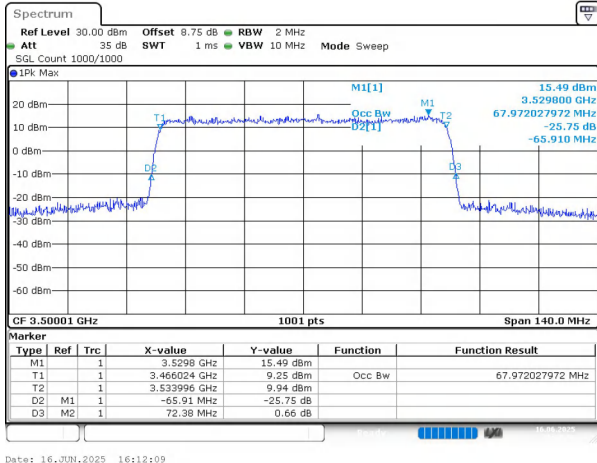
Channel=633334 RB=180@0



Date: 16.JUN.2025 16:12:03

n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz

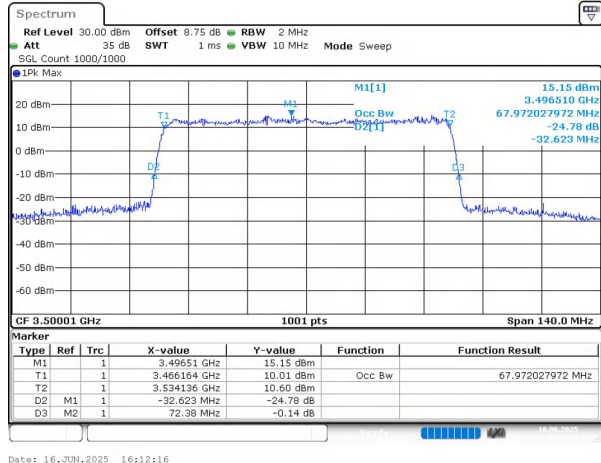
Channel=633334 RB=189@0



Date: 16.JUN.2025 16:12:09

n78(3450-3550) SCS=30kHz CP_16QAM BW=70MHz

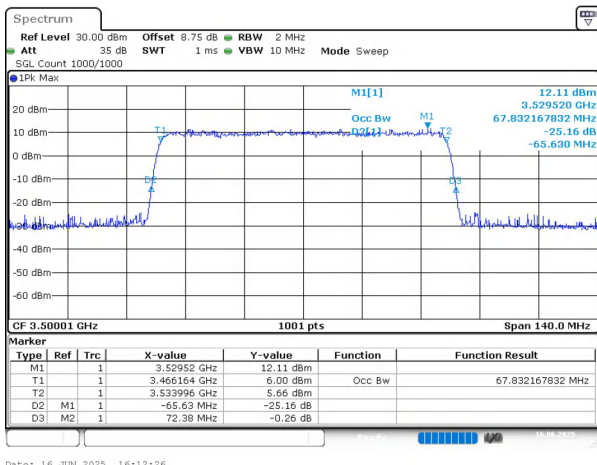
Channel=633334 RB=189@0



Date: 16.JUN.2025 16:12:16

n78(3450-3550) SCS=30kHz CP_64QAM BW=70MHz

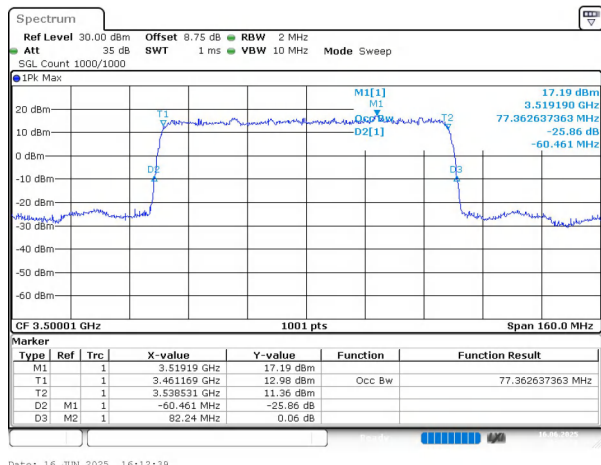
Channel=633334 RB=189@0



Date: 16.JUN.2025 16:12:26

n78(3450-3550) SCS=30kHz CP_256QAM BW=70MHz

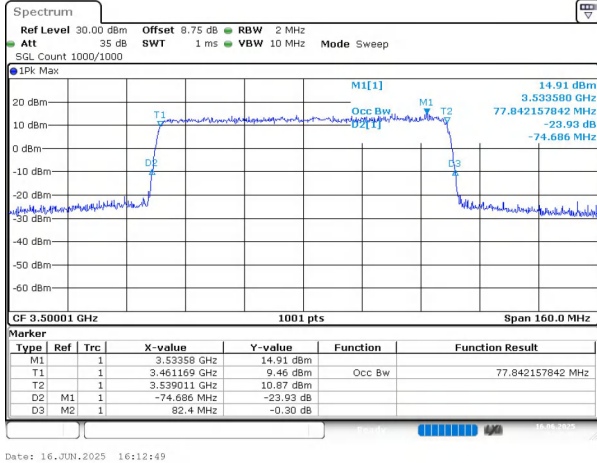
Channel=633334 RB=189@0



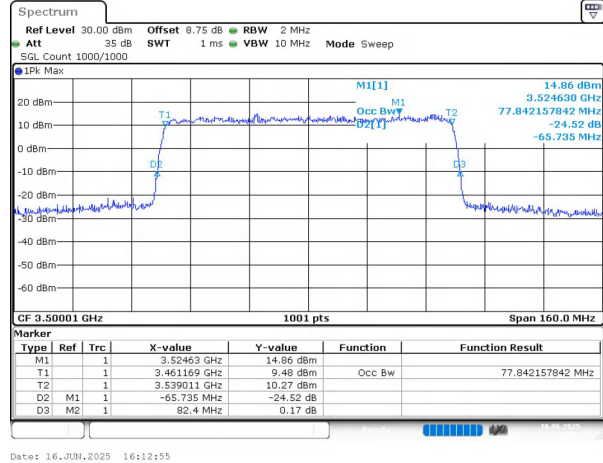
Date: 16.JUN.2025 16:12:39

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

Channel=633334 RB=216@0



Date: 16.JUN.2025 16:12:49



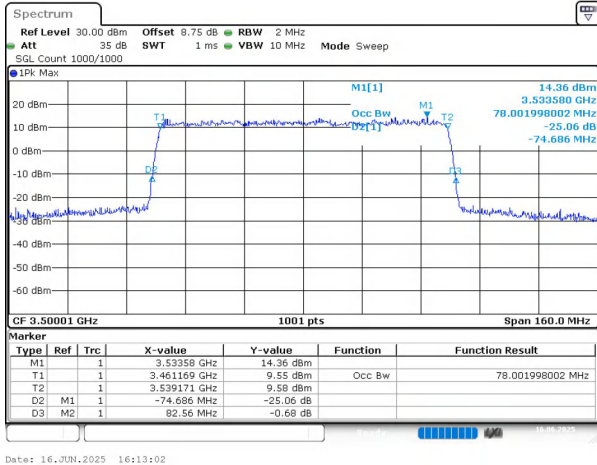
Date: 16.JUN.2025 16:12:55

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

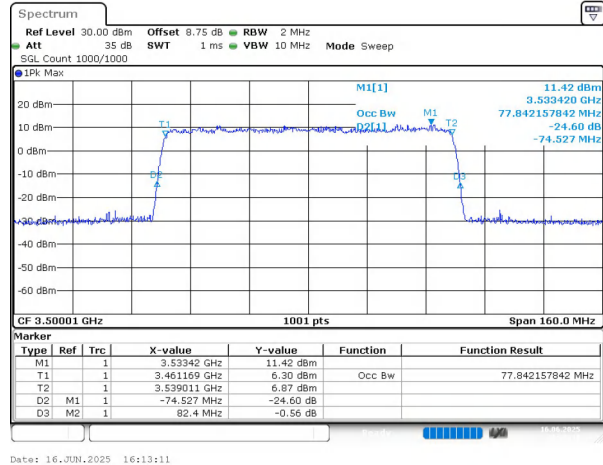
Channel=633334 RB=217@0

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

Channel=633334 RB=217@0



Date: 16.JUN.2025 16:13:02



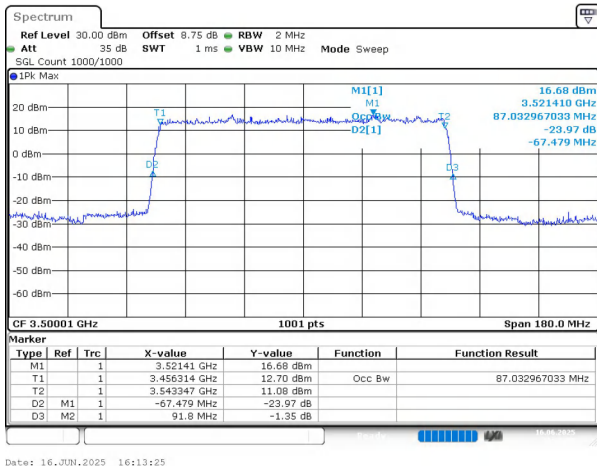
Date: 16.JUN.2025 16:13:11

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

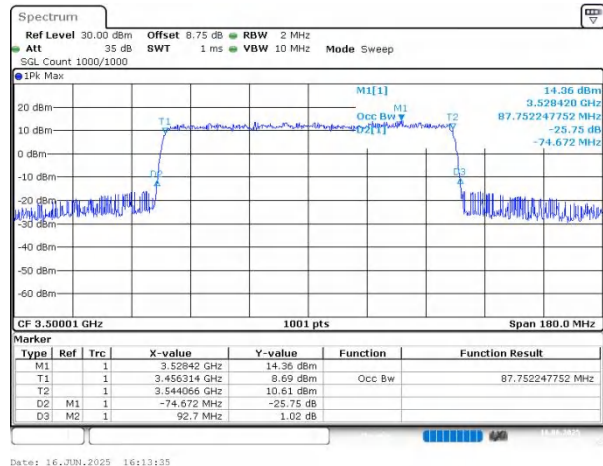
Channel=633334 RB=217@0

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

Channel=633334 RB=217@0



Date: 16.JUN.2025 16:13:25



Date: 16.JUN.2025 16:13:35

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