

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	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	23.06	-2.5	20.56	113.76	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	22.05	-2.5	19.55	90.16	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	23.08	-2.5	20.58	114.29	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.97	-2.5	20.47	111.43	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	23	-2.5	20.5	112.2	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	22.06	-2.5	19.56	90.36	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.86	-2.5	19.36	86.3	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.89	-2.5	19.39	86.9	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.5	-2.5	18	63.1	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.5	-2.5	18	63.1	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.31	-2.5	17.81	60.39	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.67	-2.5	16.17	41.4	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.71	-2.5	16.21	41.78	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.72	-2.5	16.22	41.88	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	18.79	-2.5	16.29	42.56	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	20.08	-2.5	17.58	57.28	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	21.52	-2.5	19.02	79.8	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	21.38	-2.5	18.88	77.27	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	21.46	-2.5	18.96	78.7	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	20.12	-2.5	17.62	57.81	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	20.69	-2.5	18.19	65.92	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	20.73	-2.5	18.23	66.53	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	19.67	-2.5	17.17	52.12	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	19.68	-2.5	17.18	52.24	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	16.63	-2.5	14.13	25.88	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	16.7	-2.5	14.2	26.3	1000	PASS

n77(3450-3550)	30	10	630334	1@1	CP_256QAM	16.41	-2.5	13.91	24.6	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.94	-2.5	20.44	110.66	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.8	-2.5	20.3	107.15	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.92	-2.5	20.42	110.15	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.69	-2.5	19.19	82.99	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.48	-2.5	17.98	62.81	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.41	-2.5	17.91	61.8	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	18.67	-2.5	16.17	41.4	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	18.76	-2.5	16.26	42.27	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	20.09	-2.5	17.59	57.41	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	20.13	-2.5	17.63	57.94	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	20.58	-2.5	18.08	64.27	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	20.68	-2.5	18.18	65.77	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	19.62	-2.5	17.12	51.52	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	16.62	-2.5	14.12	25.82	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	16.6	-2.5	14.1	25.7	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	16.65	-2.5	14.15	26	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	16.72	-2.5	14.22	26.42	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	22.94	-2.5	20.44	110.66	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	23.43	-2.5	20.93	123.88	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	23.41	-2.5	20.91	123.31	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	23.34	-2.5	20.84	121.34	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	22.42	-2.5	19.92	98.17	1000	PASS

n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	23.45	-2.5	20.95	124.45	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	23.36	-2.5	20.86	121.9	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	23.28	-2.5	20.78	119.67	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	22.33	-2.5	19.83	96.16	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	22.3	-2.5	19.8	95.5	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.89	-2.5	18.39	69.02	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	20.84	-2.5	18.34	68.23	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.06	-2.5	16.56	45.29	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	20.41	-2.5	17.91	61.8	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	21.87	-2.5	19.37	86.5	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	21.85	-2.5	19.35	86.1	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	21.77	-2.5	19.27	84.53	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	21.11	-2.5	18.61	72.61	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	20.04	-2.5	17.54	56.75	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	20	-2.5	17.5	56.23	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	20.07	-2.5	17.57	57.15	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	17.07	-2.5	14.57	28.64	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.52	-2.5	20.02	100.46	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	23.08	-2.5	20.58	114.29	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	22	-2.5	19.5	89.13	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	23.08	-2.5	20.58	114.29	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.89	-2.5	20.39	109.4	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	22.09	-2.5	19.59	90.99	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.93	-2.5	19.43	87.7	1000	PASS

n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.52	-2.5	18.02	63.39	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.57	-2.5	18.07	64.12	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	18.39	-2.5	15.89	38.82	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	20.15	-2.5	17.65	58.21	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	21.53	-2.5	19.03	79.98	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	21.34	-2.5	18.84	76.56	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	20.17	-2.5	17.67	58.48	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	21.05	-2.5	18.55	71.61	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	19.69	-2.5	17.19	52.36	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	19.81	-2.5	17.31	53.83	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	16.65	-2.5	14.15	26	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	16.75	-2.5	14.25	26.61	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.84	-2.5	20.34	108.14	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.97	-2.5	20.47	111.43	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.81	-2.5	20.31	107.4	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.91	-2.5	20.41	109.9	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	22.03	-2.5	19.53	89.74	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.79	-2.5	19.29	84.92	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.51	-2.5	18.01	63.24	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.29	-2.5	17.79	60.12	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	20.41	-2.5	17.91	61.8	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.62	-2.5	16.12	40.93	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	18.63	-2.5	16.13	41.02	1000	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	18.7	-2.5	16.2	41.69	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	20.11	-2.5	17.61	57.68	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	21.34	-2.5	18.84	76.56	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	20.11	-2.5	17.61	57.68	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	20.58	-2.5	18.08	64.27	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	20.74	-2.5	18.24	66.68	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	19.57	-2.5	17.07	50.93	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	19.68	-2.5	17.18	52.24	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	16.62	-2.5	14.12	25.82	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	16.72	-2.5	14.22	26.42	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	23.45	-2.5	20.95	124.45	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	23.29	-2.5	20.79	119.95	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	23.28	-2.5	20.78	119.67	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	23.42	-2.5	20.92	123.59	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	23.25	-2.5	20.75	118.85	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	23.21	-2.5	20.71	117.76	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	21.39	-2.5	18.89	77.45	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	22.45	-2.5	19.95	98.86	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	22.27	-2.5	19.77	94.84	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	22.18	-2.5	19.68	92.9	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.9	-2.5	18.4	69.18	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	20.75	-2.5	18.25	66.83	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	20.71	-2.5	18.21	66.22	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	18.99	-2.5	16.49	44.57	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	19.03	-2.5	16.53	44.98	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.01	-2.5	16.51	44.77	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	20.47	-2.5	17.97	62.66	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	21.76	-2.5	19.26	84.33	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	21.71	-2.5	19.21	83.37	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	20.49	-2.5	17.99	62.95	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	21.39	-2.5	18.89	77.45	1000	PASS

n77(3450-3550)	30	15	636166	1@1	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	20.9	-2.5	18.4	69.18	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	16.93	-2.5	14.43	27.73	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	16.99	-2.5	14.49	28.12	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	16.8	-2.5	14.3	26.92	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	16.73	-2.5	14.23	26.49	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.53	-2.5	20.03	100.69	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	23.07	-2.5	20.57	114.02	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	22.06	-2.5	19.56	90.36	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	23.05	-2.5	20.55	113.5	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.78	-2.5	20.28	106.66	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	22	-2.5	19.5	89.13	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.8	-2.5	19.3	85.11	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.87	-2.5	19.37	86.5	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.54	-2.5	18.04	63.68	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.52	-2.5	18.02	63.39	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.32	-2.5	17.82	60.53	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	20.41	-2.5	17.91	61.8	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.61	-2.5	16.11	40.83	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	18.7	-2.5	16.2	41.69	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	20.16	-2.5	17.66	58.34	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	21.52	-2.5	19.02	79.8	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	20.13	-2.5	17.63	57.94	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	21.07	-2.5	18.57	71.94	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	20.61	-2.5	18.11	64.71	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	20.68	-2.5	18.18	65.77	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	19.69	-2.5	17.19	52.36	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	19.71	-2.5	17.21	52.6	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	16.64	-2.5	14.14	25.94	1000	PASS

n77(3450-3550)	30	20	630668	25@12	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	16.65	-2.5	14.15	26	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	16.67	-2.5	14.17	26.12	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.8	-2.5	20.3	107.15	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	23.02	-2.5	20.52	112.72	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.78	-2.5	20.28	106.66	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.91	-2.5	20.41	109.9	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.96	-2.5	18.46	70.15	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.93	-2.5	19.43	87.7	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.7	-2.5	19.2	83.18	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.44	-2.5	17.94	62.23	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.17	-2.5	17.67	58.48	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	20.27	-2.5	17.77	59.84	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.34	-2.5	15.84	38.37	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	18.3	-2.5	15.8	38.02	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	20.07	-2.5	17.57	57.15	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	21.3	-2.5	18.8	75.86	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	20.05	-2.5	17.55	56.89	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	20.67	-2.5	18.17	65.61	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	20.74	-2.5	18.24	66.68	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	16.53	-2.5	14.03	25.29	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	16.43	-2.5	13.93	24.72	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	16.28	-2.5	13.78	23.88	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	16.3	-2.5	13.8	23.99	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	23.43	-2.5	20.93	123.88	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	23.26	-2.5	20.76	119.12	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	23.21	-2.5	20.71	117.76	1000	PASS

n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	23.4	-2.5	20.9	123.03	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	23.23	-2.5	20.73	118.3	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	23.18	-2.5	20.68	116.95	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	22.35	-2.5	19.85	96.61	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	22.19	-2.5	19.69	93.11	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	22.14	-2.5	19.64	92.04	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	20.89	-2.5	18.39	69.02	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	20.64	-2.5	18.14	65.16	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	20.58	-2.5	18.08	64.27	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	18.92	-2.5	16.42	43.85	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	19	-2.5	16.5	44.67	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	19.01	-2.5	16.51	44.77	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	19.56	-2.5	17.06	50.82	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	20.49	-2.5	17.99	62.95	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	21.87	-2.5	19.37	86.5	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	21.77	-2.5	19.27	84.53	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	21.7	-2.5	19.2	83.18	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	21.44	-2.5	18.94	78.34	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	21.11	-2.5	18.61	72.61	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	20	-2.5	17.5	56.23	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	16.32	-2.5	13.82	24.1	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	17.01	-2.5	14.51	28.25	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	16.96	-2.5	14.46	27.93	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.46	-2.5	19.96	99.08	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	23.14	-2.5	20.64	115.88	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.61	-2.5	20.11	102.57	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.98	-2.5	19.48	88.72	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	23.12	-2.5	20.62	115.35	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.58	-2.5	20.08	101.86	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	22.1	-2.5	19.6	91.2	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.56	-2.5	19.06	80.54	1000	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.5	-2.5	19	79.43	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.47	-2.5	17.97	62.66	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.62	-2.5	18.12	64.86	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	19.91	-2.5	17.41	55.08	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.97	-2.5	16.47	44.36	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.72	-2.5	16.22	41.88	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.25	-2.5	15.75	37.58	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	21.52	-2.5	19.02	79.8	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	21.08	-2.5	18.58	72.11	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	20.06	-2.5	17.56	57.02	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	21.08	-2.5	18.58	72.11	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	20.43	-2.5	17.93	62.09	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	19.53	-2.5	17.03	50.47	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	19.66	-2.5	17.16	52	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	19.25	-2.5	16.75	47.32	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	16.88	-2.5	14.38	27.42	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	16.68	-2.5	14.18	26.18	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	15.98	-2.5	13.48	22.28	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.38	-2.5	19.88	97.27	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	23.03	-2.5	20.53	112.98	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.57	-2.5	20.07	101.62	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	23	-2.5	20.5	112.2	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.53	-2.5	20.03	100.69	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.55	-2.5	20.05	101.16	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	22.01	-2.5	19.51	89.33	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.5	-2.5	19	79.43	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.51	-2.5	19.01	79.62	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.38	-2.5	17.88	61.38	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.5	-2.5	18	63.1	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.46	-2.5	15.96	39.45	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS

n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.27	-2.5	15.77	37.76	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	19.91	-2.5	17.41	55.08	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	21.37	-2.5	18.87	77.09	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	21.05	-2.5	18.55	71.61	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	19.94	-2.5	17.44	55.46	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	20.91	-2.5	18.41	69.34	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	20.38	-2.5	17.88	61.38	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	19.4	-2.5	16.9	48.98	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	19.23	-2.5	16.73	47.1	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	19.26	-2.5	16.76	47.42	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	16.53	-2.5	14.03	25.29	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	16.72	-2.5	14.22	26.42	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	16.34	-2.5	13.84	24.21	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.53	-2.5	20.03	100.69	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	23.16	-2.5	20.66	116.41	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.73	-2.5	20.23	105.44	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.57	-2.5	20.07	101.62	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	23.18	-2.5	20.68	116.95	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.73	-2.5	20.23	105.44	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.57	-2.5	20.07	101.62	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	22.16	-2.5	19.66	92.47	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.72	-2.5	19.22	83.56	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.49	-2.5	17.99	62.95	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.67	-2.5	18.17	65.61	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	20	-2.5	17.5	56.23	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.56	-2.5	16.06	40.36	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.72	-2.5	16.22	41.88	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.49	-2.5	15.99	39.72	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.49	-2.5	15.99	39.72	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	20.08	-2.5	17.58	57.28	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	21.58	-2.5	19.08	80.91	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	21.23	-2.5	18.73	74.64	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	21.11	-2.5	18.61	72.61	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	20.1	-2.5	17.6	57.54	1000	PASS

n77(3450-3550)	30	40	635332	53@26	CP_16QAM	21.06	-2.5	18.56	71.78	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	20.55	-2.5	18.05	63.83	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	20.44	-2.5	17.94	62.23	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	19.58	-2.5	17.08	51.05	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	19.69	-2.5	17.19	52.36	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	19.31	-2.5	16.81	47.97	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	16.73	-2.5	14.23	26.49	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	16.67	-2.5	14.17	26.12	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	16.26	-2.5	13.76	23.77	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	16.21	-2.5	13.71	23.5	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.82	-2.5	20.32	107.65	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.76	-2.5	20.26	106.17	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	23.03	-2.5	20.53	112.98	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.8	-2.5	20.3	107.15	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.74	-2.5	20.24	105.68	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.91	-2.5	18.41	69.34	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	22.02	-2.5	19.52	89.54	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.72	-2.5	19.22	83.56	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.54	-2.5	18.04	63.68	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.18	-2.5	17.68	58.61	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.16	-2.5	17.66	58.34	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.57	-2.5	16.07	40.46	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.64	-2.5	16.14	41.11	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	18.23	-2.5	15.73	37.41	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	20.5	-2.5	18	63.1	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	21.53	-2.5	19.03	79.98	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	21.28	-2.5	18.78	75.51	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	21.26	-2.5	18.76	75.16	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	20.02	-2.5	17.52	56.49	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	20.64	-2.5	18.14	65.16	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	19.55	-2.5	17.05	50.7	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS

n77(3450-3550)	30	50	631668	133@0	CP_256QAM	16.36	-2.5	13.86	24.32	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	16.63	-2.5	14.13	25.88	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	16.52	-2.5	14.02	25.23	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.39	-2.5	19.89	97.5	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.84	-2.5	20.34	108.14	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.78	-2.5	20.28	106.66	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.91	-2.5	19.41	87.3	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.81	-2.5	20.31	107.4	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.8	-2.5	20.3	107.15	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.78	-2.5	19.28	84.72	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.48	-2.5	17.98	62.81	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	20.19	-2.5	17.69	58.75	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.77	-2.5	16.27	42.36	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.64	-2.5	16.14	41.11	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	16.48	-2.5	13.98	25	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	21.23	-2.5	18.73	74.64	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	20.03	-2.5	17.53	56.62	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	20.76	-2.5	18.26	66.99	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	20.71	-2.5	18.21	66.22	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	19.48	-2.5	16.98	49.89	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	19.68	-2.5	17.18	52.24	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	16.5	-2.5	14	25.12	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	16.51	-2.5	14.01	25.18	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	16.35	-2.5	13.85	24.27	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	16.26	-2.5	13.76	23.77	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	22.55	-2.5	20.05	101.16	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	23.13	-2.5	20.63	115.61	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS

n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.83	-2.5	20.33	107.89	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	22.04	-2.5	19.54	89.95	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	23.13	-2.5	20.63	115.61	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.81	-2.5	20.31	107.4	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	22.11	-2.5	19.61	91.41	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	21.81	-2.5	19.31	85.31	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	20.56	-2.5	18.06	63.97	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	20.6	-2.5	18.1	64.57	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.28	-2.5	17.78	59.98	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	20.16	-2.5	17.66	58.34	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	18.72	-2.5	16.22	41.88	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.63	-2.5	16.13	41.02	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	20.18	-2.5	17.68	58.61	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	21.59	-2.5	19.09	81.1	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	21.44	-2.5	18.94	78.34	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	20.16	-2.5	17.66	58.34	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	20.67	-2.5	18.17	65.61	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	19.71	-2.5	17.21	52.6	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	16.33	-2.5	13.83	24.15	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	16.63	-2.5	14.13	25.88	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	16.7	-2.5	14.2	26.3	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	16.61	-2.5	14.11	25.76	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.43	-2.5	19.93	98.4	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.67	-2.5	20.17	103.99	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.67	-2.5	20.17	103.99	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.66	-2.5	20.16	103.75	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.68	-2.5	20.18	104.23	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS

n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.62	-2.5	19.12	81.66	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.66	-2.5	19.16	82.41	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.47	-2.5	17.97	62.66	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.15	-2.5	17.65	58.21	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.17	-2.5	17.67	58.48	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.73	-2.5	16.23	41.98	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.53	-2.5	16.03	40.09	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	20	-2.5	17.5	56.23	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	21.14	-2.5	18.64	73.11	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	21.14	-2.5	18.64	73.11	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	20.05	-2.5	17.55	56.89	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	20.98	-2.5	18.48	70.47	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	20.51	-2.5	18.01	63.24	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	20.48	-2.5	17.98	62.81	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	19.46	-2.5	16.96	49.66	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	16.24	-2.5	13.74	23.66	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	16.48	-2.5	13.98	25	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.34	-2.5	19.84	96.38	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.66	-2.5	20.16	103.75	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.56	-2.5	20.06	101.39	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.82	-2.5	19.32	85.51	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.96	-2.5	20.46	111.17	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.69	-2.5	20.19	104.47	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.57	-2.5	20.07	101.62	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.69	-2.5	19.19	82.99	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.32	-2.5	17.82	60.53	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.41	-2.5	17.91	61.8	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS

n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	18.44	-2.5	15.94	39.26	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	19.95	-2.5	17.45	55.59	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	21.37	-2.5	18.87	77.09	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	21.22	-2.5	18.72	74.47	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	21.12	-2.5	18.62	72.78	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	19.98	-2.5	17.48	55.98	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	20.88	-2.5	18.38	68.87	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	20.56	-2.5	18.06	63.97	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	19.41	-2.5	16.91	49.09	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	16.36	-2.5	13.86	24.32	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	16.48	-2.5	13.98	25	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	16.51	-2.5	14.01	25.18	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	16.41	-2.5	13.91	24.6	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	23.12	-2.5	20.62	115.35	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.72	-2.5	20.22	105.2	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.65	-2.5	20.15	103.51	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	21.98	-2.5	19.48	88.72	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	23.09	-2.5	20.59	114.55	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.71	-2.5	20.21	104.95	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.67	-2.5	20.17	103.99	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	20.96	-2.5	18.46	70.15	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	22.12	-2.5	19.62	91.62	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.78	-2.5	19.28	84.72	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.23	-2.5	17.73	59.29	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	20.11	-2.5	17.61	57.68	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	18.71	-2.5	16.21	41.78	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	18.42	-2.5	15.92	39.08	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	20.1	-2.5	17.6	57.54	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	21.61	-2.5	19.11	81.47	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	21.25	-2.5	18.75	74.99	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	21.19	-2.5	18.69	73.96	1000	PASS

n77(3450-3550)	30	60	634666	162@0	CP_16QAM	20.14	-2.5	17.64	58.08	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	21.11	-2.5	18.61	72.61	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	20.54	-2.5	18.04	63.68	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	19.47	-2.5	16.97	49.77	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	16.36	-2.5	13.86	24.32	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	16.69	-2.5	14.19	26.24	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.31	-2.5	19.81	95.72	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.4	-2.5	19.9	97.72	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.81	-2.5	19.31	85.31	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.91	-2.5	20.41	109.9	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.4	-2.5	19.9	97.72	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.85	-2.5	19.35	86.1	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.29	-2.5	18.79	75.68	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.31	-2.5	18.81	76.03	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.27	-2.5	17.77	59.84	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	19.78	-2.5	17.28	53.46	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.79	-2.5	17.29	53.58	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.46	-2.5	15.96	39.45	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.24	-2.5	15.74	37.5	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.25	-2.5	15.75	37.58	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	21.32	-2.5	18.82	76.21	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	20.96	-2.5	18.46	70.15	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	20.84	-2.5	18.34	68.23	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	20.16	-2.5	17.66	58.34	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	20.21	-2.5	17.71	59.02	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	19.38	-2.5	16.88	48.75	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	19.26	-2.5	16.76	47.42	1000	PASS

n77(3450-3550)	30	70	632334	1@187	CP_64QAM	19.28	-2.5	16.78	47.64	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	16.68	-2.5	14.18	26.18	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	16.24	-2.5	13.74	23.66	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	16.81	-2.5	14.31	26.98	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	22.35	-2.5	19.85	96.61	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.92	-2.5	20.42	110.15	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.42	-2.5	19.92	98.17	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.93	-2.5	20.43	110.41	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.41	-2.5	19.91	97.95	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.29	-2.5	17.79	60.12	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	19.85	-2.5	17.35	54.33	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.76	-2.5	17.26	53.21	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	18.56	-2.5	16.06	40.36	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.53	-2.5	16.03	40.09	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.81	-2.5	16.31	42.76	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	18.35	-2.5	15.85	38.46	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	21.39	-2.5	18.89	77.45	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	21.09	-2.5	18.59	72.28	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	20.93	-2.5	18.43	69.66	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	20.38	-2.5	17.88	61.38	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	20.28	-2.5	17.78	59.98	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	19.46	-2.5	16.96	49.66	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	19.53	-2.5	17.03	50.47	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	19.44	-2.5	16.94	49.43	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	19.34	-2.5	16.84	48.31	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	16.5	-2.5	14	25.12	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	16.34	-2.5	13.84	24.21	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	23.12	-2.5	20.62	115.35	1000	PASS

n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.61	-2.5	20.11	102.57	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	23.16	-2.5	20.66	116.41	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.63	-2.5	20.13	103.04	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.54	-2.5	20.04	100.93	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	22.1	-2.5	19.6	91.2	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.55	-2.5	19.05	80.35	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	21.42	-2.5	18.92	77.98	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	20.49	-2.5	17.99	62.95	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.86	-2.5	17.36	54.45	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	18.55	-2.5	16.05	40.27	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	18.78	-2.5	16.28	42.46	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	18.08	-2.5	15.58	36.14	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	20.17	-2.5	17.67	58.48	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	21.6	-2.5	19.1	81.28	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	21.16	-2.5	18.66	73.45	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	21.08	-2.5	18.58	72.11	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	20.14	-2.5	17.64	58.08	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	21.08	-2.5	18.58	72.11	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	20.47	-2.5	17.97	62.66	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	20.38	-2.5	17.88	61.38	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	19.72	-2.5	17.22	52.72	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	19.47	-2.5	16.97	49.77	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	16.92	-2.5	14.42	27.67	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	16.68	-2.5	14.18	26.18	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	16.42	-2.5	13.92	24.66	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.24	-2.5	19.74	94.19	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.85	-2.5	20.35	108.39	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.26	-2.5	19.76	94.62	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.23	-2.5	19.73	93.97	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.74	-2.5	19.24	83.95	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.27	-2.5	19.77	94.84	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.24	-2.5	19.74	94.19	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.73	-2.5	18.23	66.53	1000	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.15	-2.5	18.65	73.28	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.14	-2.5	18.64	73.11	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.19	-2.5	17.69	58.75	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	18.41	-2.5	15.91	38.99	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.18	-2.5	15.68	36.98	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.17	-2.5	15.67	36.9	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	18.19	-2.5	15.69	37.07	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	19.88	-2.5	17.38	54.7	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	21.32	-2.5	18.82	76.21	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	20.81	-2.5	18.31	67.76	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	20.77	-2.5	18.27	67.14	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	19.9	-2.5	17.4	54.95	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	20.81	-2.5	18.31	67.76	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	20.07	-2.5	17.57	57.15	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	20.04	-2.5	17.54	56.75	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	19.37	-2.5	16.87	48.64	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	19.47	-2.5	16.97	49.77	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	19.17	-2.5	16.67	46.45	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	16.5	-2.5	14	25.12	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	16.5	-2.5	14	25.12	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	16.16	-2.5	13.66	23.23	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.27	-2.5	19.77	94.84	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.89	-2.5	20.39	109.4	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.33	-2.5	19.83	96.16	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.25	-2.5	19.75	94.41	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.78	-2.5	19.28	84.72	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.85	-2.5	20.35	108.39	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.33	-2.5	19.83	96.16	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.23	-2.5	19.73	93.97	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.3	-2.5	18.8	75.86	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.21	-2.5	18.71	74.3	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	20.23	-2.5	17.73	59.29	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	19.73	-2.5	17.23	52.84	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.64	-2.5	17.14	51.76	1000	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.49	-2.5	15.99	39.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.95	-2.5	15.45	35.08	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	18.22	-2.5	15.72	37.33	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	19.93	-2.5	17.43	55.34	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	20.83	-2.5	18.33	68.08	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	20.7	-2.5	18.2	66.07	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	20.88	-2.5	18.38	68.87	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	20.23	-2.5	17.73	59.29	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	20.14	-2.5	17.64	58.08	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	19.43	-2.5	16.93	49.32	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	19.31	-2.5	16.81	47.97	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	19.2	-2.5	16.7	46.77	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	16.26	-2.5	13.76	23.77	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	16.52	-2.5	14.02	25.23	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	16.22	-2.5	13.72	23.55	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	23.03	-2.5	20.53	112.98	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.53	-2.5	20.03	100.69	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.3	-2.5	19.8	95.5	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.87	-2.5	19.37	86.5	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	23.04	-2.5	20.54	113.24	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.54	-2.5	20.04	100.93	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.33	-2.5	19.83	96.16	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.89	-2.5	18.39	69.02	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	22.01	-2.5	19.51	89.33	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.42	-2.5	18.92	77.98	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	21.23	-2.5	18.73	74.64	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	20.32	-2.5	17.82	60.53	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	20.53	-2.5	18.03	63.53	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	19.88	-2.5	17.38	54.7	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.68	-2.5	17.18	52.24	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	18.54	-2.5	16.04	40.18	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.48	-2.5	15.98	39.63	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	18.94	-2.5	16.44	44.06	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	20.06	-2.5	17.56	57.02	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	21.52	-2.5	19.02	79.8	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	21.1	-2.5	18.6	72.44	1000	PASS

n77(3450-3550)	30	80	634000	1@215	CP_QPSK	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	20.05	-2.5	17.55	56.89	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	20.22	-2.5	17.72	59.16	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	19.68	-2.5	17.18	52.24	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	19.29	-2.5	16.79	47.75	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	16.5	-2.5	14	25.12	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	16.71	-2.5	14.21	26.36	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	16.28	-2.5	13.78	23.88	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.16	-2.5	19.66	92.47	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.03	-2.5	19.53	89.74	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.06	-2.5	19.56	90.36	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.65	-2.5	19.15	82.22	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.79	-2.5	20.29	106.91	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.04	-2.5	19.54	89.95	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.69	-2.5	18.19	65.92	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.85	-2.5	19.35	86.1	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.15	-2.5	17.65	58.21	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.44	-2.5	16.94	49.43	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.43	-2.5	16.93	49.32	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	18.37	-2.5	15.87	38.64	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.6	-2.5	15.1	32.36	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.64	-2.5	15.14	32.66	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	20.25	-2.5	17.75	59.57	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	21.28	-2.5	18.78	75.51	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	20.6	-2.5	18.1	64.57	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	19.84	-2.5	17.34	54.2	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	20.8	-2.5	18.3	67.61	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	19.87	-2.5	17.37	54.58	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	19.87	-2.5	17.37	54.58	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	19.38	-2.5	16.88	48.75	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	19.48	-2.5	16.98	49.89	1000	PASS

n77(3450-3550)	30	90	633000	1@1	CP_64QAM	19.01	-2.5	16.51	44.77	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	19.02	-2.5	16.52	44.87	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	16.49	-2.5	13.99	25.06	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	15.99	-2.5	13.49	22.34	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	16.01	-2.5	13.51	22.44	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.2	-2.5	19.7	93.33	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.11	-2.5	19.61	91.41	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.06	-2.5	19.56	90.36	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.68	-2.5	19.18	82.79	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.84	-2.5	20.34	108.14	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.09	-2.5	19.59	90.99	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.06	-2.5	19.56	90.36	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.74	-2.5	18.24	66.68	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.05	-2.5	18.55	71.61	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.19	-2.5	17.69	58.75	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	19.47	-2.5	16.97	49.77	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	18.02	-2.5	15.52	35.65	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	19.86	-2.5	17.36	54.45	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	21.3	-2.5	18.8	75.86	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	20.64	-2.5	18.14	65.16	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	20.58	-2.5	18.08	64.27	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	19.86	-2.5	17.36	54.45	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	19.95	-2.5	17.45	55.59	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	19.88	-2.5	17.38	54.7	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	19.33	-2.5	16.83	48.19	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	19.11	-2.5	16.61	45.81	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	19.03	-2.5	16.53	44.98	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	16.43	-2.5	13.93	24.72	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	16.03	-2.5	13.53	22.54	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	18.52	-2.5	16.02	39.99	1000	PASS

n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.34	-2.5	19.84	96.38	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.14	-2.5	19.64	92.04	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.85	-2.5	19.35	86.1	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	23	-2.5	20.5	112.2	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.27	-2.5	19.77	94.84	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.11	-2.5	19.61	91.41	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.25	-2.5	18.75	74.99	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	21.08	-2.5	18.58	72.11	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.51	-2.5	18.01	63.24	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.53	-2.5	17.03	50.47	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	18.7	-2.5	16.2	41.69	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.67	-2.5	16.17	41.4	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	18.12	-2.5	15.62	36.48	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	20.83	-2.5	18.33	68.08	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	20.75	-2.5	18.25	66.83	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	20.02	-2.5	17.52	56.49	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	20.18	-2.5	17.68	58.61	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	20.07	-2.5	17.57	57.15	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	19.29	-2.5	16.79	47.75	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	19.21	-2.5	16.71	46.88	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	16.53	-2.5	14.03	25.29	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	16.63	-2.5	14.13	25.88	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	16.22	-2.5	13.72	23.55	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	16.2	-2.5	13.7	23.44	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.19	-2.5	19.69	93.11	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	21.93	-2.5	19.43	87.7	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.67	-2.5	19.17	82.6	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	21.83	-2.5	19.33	85.7	1000	PASS

n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.67	-2.5	18.17	65.61	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.81	-2.5	18.31	67.76	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.17	-2.5	17.67	58.48	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.35	-2.5	17.85	60.95	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	19.35	-2.5	16.85	48.42	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.27	-2.5	16.77	47.53	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.35	-2.5	15.85	38.46	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	17.45	-2.5	14.95	31.26	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	17.95	-2.5	15.45	35.08	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.44	-2.5	14.94	31.19	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	19.8	-2.5	17.3	53.7	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	21.29	-2.5	18.79	75.68	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	20.5	-2.5	18	63.1	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	20.38	-2.5	17.88	61.38	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	19.83	-2.5	17.33	54.08	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	19.79	-2.5	17.29	53.58	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	19.72	-2.5	17.22	52.72	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	19.27	-2.5	16.77	47.53	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	18.56	-2.5	16.06	40.36	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	18.96	-2.5	16.46	44.26	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	18.54	-2.5	16.04	40.18	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	16.43	-2.5	13.93	24.72	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	16.26	-2.5	13.76	23.77	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	15.84	-2.5	13.34	21.58	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	22.45	-2.5	19.95	98.86	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	22.98	-2.5	20.48	111.69	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.87	-2.5	20.37	108.89	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.95	-2.5	20.45	110.92	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.95	-2.5	18.45	69.98	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.82	-2.5	19.32	85.51	1000	PASS

n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.84	-2.5	19.34	85.9	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.44	-2.5	17.94	62.23	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.64	-2.5	16.14	41.11	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	18.68	-2.5	16.18	41.5	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	21.43	-2.5	18.93	78.16	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	21.37	-2.5	18.87	77.09	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	20.06	-2.5	17.56	57.02	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	20.95	-2.5	18.45	69.98	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	20.64	-2.5	18.14	65.16	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	20.66	-2.5	18.16	65.46	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	16.57	-2.5	14.07	25.53	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	16.59	-2.5	14.09	25.64	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.39	-2.5	19.89	97.5	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.82	-2.5	20.32	107.65	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.89	-2.5	19.39	86.9	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.78	-2.5	20.28	106.66	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.87	-2.5	20.37	108.89	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.9	-2.5	18.4	69.18	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.81	-2.5	19.31	85.31	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.19	-2.5	17.69	58.75	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	20.28	-2.5	17.78	59.98	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.71	-2.5	16.21	41.78	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.51	-2.5	16.01	39.9	1000	PASS

n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	18.34	-2.5	15.84	38.37	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	21.45	-2.5	18.95	78.52	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	21.26	-2.5	18.76	75.16	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	20.89	-2.5	18.39	69.02	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	20.76	-2.5	18.26	66.99	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	19.55	-2.5	17.05	50.7	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	19.66	-2.5	17.16	52	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	19.73	-2.5	17.23	52.84	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	16.53	-2.5	14.03	25.29	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	16.57	-2.5	14.07	25.53	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	22.81	-2.5	20.31	107.4	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	23.35	-2.5	20.85	121.62	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	23.29	-2.5	20.79	119.95	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	23.26	-2.5	20.76	119.12	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	23.34	-2.5	20.84	121.34	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	23.25	-2.5	20.75	118.85	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	23.26	-2.5	20.76	119.12	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	21.34	-2.5	18.84	76.56	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	22.21	-2.5	19.71	93.54	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	22.19	-2.5	19.69	93.11	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.78	-2.5	18.28	67.3	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	20.76	-2.5	18.26	66.99	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	20.74	-2.5	18.24	66.68	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.01	-2.5	16.51	44.77	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	18.98	-2.5	16.48	44.46	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	20.26	-2.5	17.76	59.7	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	21.79	-2.5	19.29	84.92	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	21.77	-2.5	19.27	84.53	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	21.74	-2.5	19.24	83.95	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	20.31	-2.5	17.81	60.39	1000	PASS

n78(3450-3550)	30	10	636332	12@6	CP_16QAM	21.34	-2.5	18.84	76.56	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	21.05	-2.5	18.55	71.61	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	19.9	-2.5	17.4	54.95	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	16.96	-2.5	14.46	27.93	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	16.97	-2.5	14.47	27.99	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	17.02	-2.5	14.52	28.31	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	16.99	-2.5	14.49	28.12	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.45	-2.5	19.95	98.86	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	22.89	-2.5	20.39	109.4	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.97	-2.5	19.47	88.51	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.98	-2.5	20.48	111.69	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.96	-2.5	18.46	70.15	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.82	-2.5	19.32	85.51	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.87	-2.5	19.37	86.5	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.47	-2.5	17.97	62.66	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.61	-2.5	16.11	40.83	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.61	-2.5	16.11	40.83	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.64	-2.5	16.14	41.11	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	18.73	-2.5	16.23	41.98	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	20.08	-2.5	17.58	57.28	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	21.44	-2.5	18.94	78.34	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	21.43	-2.5	18.93	78.16	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	20.09	-2.5	17.59	57.41	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	20.97	-2.5	18.47	70.31	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	20.62	-2.5	18.12	64.86	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	20.69	-2.5	18.19	65.92	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	19.69	-2.5	17.19	52.36	1000	PASS

n78(3450-3550)	30	15	630500	38@0	CP_256QAM	16.51	-2.5	14.01	25.18	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	16.64	-2.5	14.14	25.94	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	16.69	-2.5	14.19	26.24	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.76	-2.5	20.26	106.17	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.85	-2.5	20.35	108.39	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.99	-2.5	20.49	111.94	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.77	-2.5	20.27	106.41	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.83	-2.5	20.33	107.89	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	20.89	-2.5	18.39	69.02	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.73	-2.5	19.23	83.75	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.86	-2.5	19.36	86.3	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	20.41	-2.5	17.91	61.8	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.25	-2.5	17.75	59.57	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	18.54	-2.5	16.04	40.18	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.61	-2.5	16.11	40.83	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	18.55	-2.5	16.05	40.27	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	21.45	-2.5	18.95	78.52	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	21.3	-2.5	18.8	75.86	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	20.96	-2.5	18.46	70.15	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	20.57	-2.5	18.07	64.12	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	20.69	-2.5	18.19	65.92	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	19.55	-2.5	17.05	50.7	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	19.62	-2.5	17.12	51.52	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	16.48	-2.5	13.98	25	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	16.65	-2.5	14.15	26	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	23.36	-2.5	20.86	121.9	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	23.26	-2.5	20.76	119.12	1000	PASS

n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	23.23	-2.5	20.73	118.3	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	22.33	-2.5	19.83	96.16	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	23.36	-2.5	20.86	121.9	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	23.24	-2.5	20.74	118.58	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	23.2	-2.5	20.7	117.49	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	21.31	-2.5	18.81	76.03	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	22.39	-2.5	19.89	97.5	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	22.23	-2.5	19.73	93.97	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	22.21	-2.5	19.71	93.54	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.82	-2.5	18.32	67.92	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	20.72	-2.5	18.22	66.37	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	20.7	-2.5	18.2	66.07	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	18.96	-2.5	16.46	44.26	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	18.98	-2.5	16.48	44.46	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.04	-2.5	16.54	45.08	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	20.32	-2.5	17.82	60.53	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	21.83	-2.5	19.33	85.7	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	21.79	-2.5	19.29	84.92	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	21.74	-2.5	19.24	83.95	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	20.31	-2.5	17.81	60.39	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	21.35	-2.5	18.85	76.74	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	21.02	-2.5	18.52	71.12	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	16.91	-2.5	14.41	27.61	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	16.96	-2.5	14.46	27.93	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	17.04	-2.5	14.54	28.44	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.48	-2.5	19.98	99.54	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.82	-2.5	20.32	107.65	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	23.02	-2.5	20.52	112.72	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.78	-2.5	20.28	106.66	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.87	-2.5	20.37	108.89	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	20.98	-2.5	18.48	70.47	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	21.99	-2.5	19.49	88.92	1000	PASS

n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.72	-2.5	19.22	83.56	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.48	-2.5	17.98	62.81	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.48	-2.5	17.98	62.81	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.29	-2.5	17.79	60.12	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	20.34	-2.5	17.84	60.81	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.61	-2.5	16.11	40.83	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	18.68	-2.5	16.18	41.5	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	20.08	-2.5	17.58	57.28	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	21.48	-2.5	18.98	79.07	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	21.35	-2.5	18.85	76.74	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	20.08	-2.5	17.58	57.28	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	21	-2.5	18.5	70.79	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	20.59	-2.5	18.09	64.42	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	20.65	-2.5	18.15	65.31	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	19.67	-2.5	17.17	52.12	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	16.61	-2.5	14.11	25.76	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	16.6	-2.5	14.1	25.7	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.42	-2.5	19.92	98.17	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.72	-2.5	20.22	105.2	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.85	-2.5	20.35	108.39	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	22.94	-2.5	20.44	110.66	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.7	-2.5	20.2	104.71	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.81	-2.5	20.31	107.4	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.93	-2.5	18.43	69.66	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.87	-2.5	19.37	86.5	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.59	-2.5	19.09	81.1	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.32	-2.5	17.82	60.53	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	20.44	-2.5	17.94	62.23	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	18.56	-2.5	16.06	40.36	1000	PASS

n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.57	-2.5	16.07	40.46	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.18	-2.5	15.68	36.98	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	18.33	-2.5	15.83	38.28	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	21.21	-2.5	18.71	74.3	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	21.32	-2.5	18.82	76.21	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	20.96	-2.5	18.46	70.15	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	20.78	-2.5	18.28	67.3	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	19.55	-2.5	17.05	50.7	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	19.57	-2.5	17.07	50.93	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	19.65	-2.5	17.15	51.88	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	16.53	-2.5	14.03	25.29	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	16.61	-2.5	14.11	25.76	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	22.83	-2.5	20.33	107.89	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	23.34	-2.5	20.84	121.34	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	23.2	-2.5	20.7	117.49	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	23.18	-2.5	20.68	116.95	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	22.33	-2.5	19.83	96.16	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	23.36	-2.5	20.86	121.9	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	23.17	-2.5	20.67	116.68	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	23.15	-2.5	20.65	116.14	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	21.3	-2.5	18.8	75.86	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	22.32	-2.5	19.82	95.94	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	22.06	-2.5	19.56	90.36	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	22.1	-2.5	19.6	91.2	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	20.65	-2.5	18.15	65.31	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	20.62	-2.5	18.12	64.86	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	18.94	-2.5	16.44	44.06	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	18.97	-2.5	16.47	44.36	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	18.95	-2.5	16.45	44.16	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	20.3	-2.5	17.8	60.26	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	21.83	-2.5	19.33	85.7	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	21.69	-2.5	19.19	82.99	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	21.66	-2.5	19.16	82.41	1000	PASS

n78(3450-3550)	30	20	636000	51@0	CP_16QAM	20.29	-2.5	17.79	60.12	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	21.34	-2.5	18.84	76.56	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	19.91	-2.5	17.41	55.08	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	16.95	-2.5	14.45	27.86	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	16.95	-2.5	14.45	27.86	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	16.94	-2.5	14.44	27.8	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.37	-2.5	19.87	97.05	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.46	-2.5	19.96	99.08	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.39	-2.5	19.89	97.5	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	23.03	-2.5	20.53	112.98	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.46	-2.5	19.96	99.08	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.35	-2.5	19.85	96.61	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	22.03	-2.5	19.53	89.74	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.28	-2.5	18.78	75.51	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.52	-2.5	18.02	63.39	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	19.84	-2.5	17.34	54.2	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.61	-2.5	16.11	40.83	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.3	-2.5	15.8	38.02	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.22	-2.5	15.72	37.33	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	19.95	-2.5	17.45	55.59	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	21.46	-2.5	18.96	78.7	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	20.98	-2.5	18.48	70.47	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	20.89	-2.5	18.39	69.02	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	19.96	-2.5	17.46	55.72	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	20.96	-2.5	18.46	70.15	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	20.24	-2.5	17.74	59.43	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	20.11	-2.5	17.61	57.68	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	19.44	-2.5	16.94	49.43	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	19.22	-2.5	16.72	46.99	1000	PASS

n78(3450-3550)	30	40	631334	1@104	CP_64QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	16.41	-2.5	13.91	24.6	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	16.57	-2.5	14.07	25.53	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	16.27	-2.5	13.77	23.82	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	16.19	-2.5	13.69	23.39	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.31	-2.5	19.81	95.72	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.39	-2.5	19.89	97.5	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.43	-2.5	19.93	98.4	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.83	-2.5	19.33	85.7	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.39	-2.5	19.89	97.5	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	21.91	-2.5	19.41	87.3	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.39	-2.5	18.89	77.45	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.3	-2.5	17.8	60.26	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.42	-2.5	17.92	61.94	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	19.85	-2.5	17.35	54.33	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.4	-2.5	15.9	38.9	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.23	-2.5	15.73	37.41	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	19.89	-2.5	17.39	54.83	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	21.38	-2.5	18.88	77.27	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	20.94	-2.5	18.44	69.82	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	20.98	-2.5	18.48	70.47	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	19.89	-2.5	17.39	54.83	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	20.89	-2.5	18.39	69.02	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	20.15	-2.5	17.65	58.21	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	20.21	-2.5	17.71	59.02	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	19.38	-2.5	16.88	48.75	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_64QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	19.23	-2.5	16.73	47.1	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	16.4	-2.5	13.9	24.55	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	16.23	-2.5	13.73	23.6	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	16.28	-2.5	13.78	23.88	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.48	-2.5	19.98	99.54	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	23.08	-2.5	20.58	114.29	1000	PASS

n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.68	-2.5	20.18	104.23	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.57	-2.5	20.07	101.62	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	21.98	-2.5	19.48	88.72	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	23.07	-2.5	20.57	114.02	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.66	-2.5	20.16	103.75	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	20.95	-2.5	18.45	69.98	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	22.07	-2.5	19.57	90.57	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.6	-2.5	19.1	81.28	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.49	-2.5	17.99	62.95	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.57	-2.5	18.07	64.12	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.15	-2.5	17.65	58.21	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.48	-2.5	15.98	39.63	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.38	-2.5	15.88	38.73	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	21.5	-2.5	19	79.43	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	21.21	-2.5	18.71	74.3	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	20.08	-2.5	17.58	57.28	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	20.5	-2.5	18	63.1	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	19.32	-2.5	16.82	48.08	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	16.56	-2.5	14.06	25.47	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	16.63	-2.5	14.13	25.88	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	16.34	-2.5	13.84	24.21	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.97	-2.5	20.47	111.43	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.74	-2.5	20.24	105.68	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.72	-2.5	20.22	105.2	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.91	-2.5	19.41	87.3	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	22.97	-2.5	20.47	111.43	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.74	-2.5	20.24	105.68	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.7	-2.5	20.2	104.71	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.91	-2.5	18.41	69.34	1000	PASS

n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	21.96	-2.5	19.46	88.31	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.7	-2.5	19.2	83.18	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.69	-2.5	19.19	82.99	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.38	-2.5	17.88	61.38	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.22	-2.5	17.72	59.16	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.22	-2.5	17.72	59.16	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.53	-2.5	16.03	40.09	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.56	-2.5	16.06	40.36	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	21.44	-2.5	18.94	78.34	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	21.24	-2.5	18.74	74.82	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	21.21	-2.5	18.71	74.3	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_16QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_16QAM	20.91	-2.5	18.41	69.34	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_16QAM	20.53	-2.5	18.03	63.53	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_16QAM	20.5	-2.5	18	63.1	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_64QAM	19.57	-2.5	17.07	50.93	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_64QAM	19.58	-2.5	17.08	51.05	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_256QAM	16.51	-2.5	14.01	25.18	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_256QAM	16.38	-2.5	13.88	24.43	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_256QAM	16.25	-2.5	13.75	23.71	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.37	-2.5	19.87	97.05	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.75	-2.5	20.25	105.93	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.75	-2.5	20.25	105.93	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.92	-2.5	20.42	110.15	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.7	-2.5	20.2	104.71	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.71	-2.5	20.21	104.95	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.88	-2.5	18.38	68.87	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.63	-2.5	19.13	81.85	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.65	-2.5	19.15	82.22	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.35	-2.5	17.85	60.95	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.44	-2.5	17.94	62.23	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	20.34	-2.5	17.84	60.81	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS

n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.57	-2.5	16.07	40.46	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	18.3	-2.5	15.8	38.02	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	21.39	-2.5	18.89	77.45	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	21.18	-2.5	18.68	73.79	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_16QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_16QAM	20.92	-2.5	18.42	69.5	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_16QAM	20.7	-2.5	18.2	66.07	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_16QAM	20.63	-2.5	18.13	65.01	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_64QAM	19.62	-2.5	17.12	51.52	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	16.49	-2.5	13.99	25.06	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_256QAM	16.48	-2.5	13.98	25	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_256QAM	16.61	-2.5	14.11	25.76	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_256QAM	16.57	-2.5	14.07	25.53	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	23.09	-2.5	20.59	114.55	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.9	-2.5	20.4	109.65	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	22.04	-2.5	19.54	89.95	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	23.08	-2.5	20.58	114.29	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.9	-2.5	20.4	109.65	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.82	-2.5	20.32	107.65	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	22.09	-2.5	19.59	90.99	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.87	-2.5	19.37	86.5	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	21.77	-2.5	19.27	84.53	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	20.51	-2.5	18.01	63.24	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	20.58	-2.5	18.08	64.27	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	20.32	-2.5	17.82	60.53	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	18.7	-2.5	16.2	41.69	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.73	-2.5	16.23	41.98	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.71	-2.5	16.21	41.78	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	20.13	-2.5	17.63	57.94	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	21.41	-2.5	18.91	77.8	1000	PASS

n78(3450-3550)	30	50	635000	1@131	CP_QPSK	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_16QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_16QAM	20.66	-2.5	18.16	65.46	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_16QAM	20.55	-2.5	18.05	63.83	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	19.65	-2.5	17.15	51.88	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_64QAM	19.67	-2.5	17.17	52.12	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	16.61	-2.5	14.11	25.76	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_256QAM	16.64	-2.5	14.14	25.94	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_256QAM	16.73	-2.5	14.23	26.49	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_256QAM	16.67	-2.5	14.17	26.12	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.64	-2.5	20.14	103.28	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.68	-2.5	20.18	104.23	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.89	-2.5	19.39	86.9	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	22.97	-2.5	20.47	111.43	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.62	-2.5	20.12	102.8	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.66	-2.5	20.16	103.75	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.9	-2.5	18.4	69.18	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.98	-2.5	19.48	88.72	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.63	-2.5	19.13	81.85	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.65	-2.5	19.15	82.22	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.11	-2.5	17.61	57.68	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.54	-2.5	16.04	40.18	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.59	-2.5	16.09	40.64	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.51	-2.5	16.01	39.9	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.56	-2.5	16.06	40.36	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	20.01	-2.5	17.51	56.36	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	21.48	-2.5	18.98	79.07	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	21.15	-2.5	18.65	73.28	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_16QAM	20.97	-2.5	18.47	70.31	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_16QAM	20.35	-2.5	17.85	60.95	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_16QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	19.51	-2.5	17.01	50.23	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_64QAM	19.6	-2.5	17.1	51.29	1000	PASS

n78(3450-3550)	30	60	632000	1@1	CP_64QAM	19.44	-2.5	16.94	49.43	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	16.46	-2.5	13.96	24.89	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_256QAM	16.48	-2.5	13.98	25	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_256QAM	16.51	-2.5	14.01	25.18	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.36	-2.5	19.86	96.83	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.94	-2.5	20.44	110.66	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.63	-2.5	20.13	103.04	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.58	-2.5	20.08	101.86	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.85	-2.5	19.35	86.1	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.91	-2.5	20.41	109.9	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.62	-2.5	20.12	102.8	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.91	-2.5	19.41	87.3	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.6	-2.5	19.1	81.28	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.54	-2.5	19.04	80.17	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.34	-2.5	17.84	60.81	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.47	-2.5	15.97	39.54	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.54	-2.5	16.04	40.18	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	18.46	-2.5	15.96	39.45	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	18.48	-2.5	15.98	39.63	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	19.95	-2.5	17.45	55.59	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	21.14	-2.5	18.64	73.11	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	21.11	-2.5	18.61	72.61	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_16QAM	20.91	-2.5	18.41	69.34	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_16QAM	20.34	-2.5	17.84	60.81	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_16QAM	20.3	-2.5	17.8	60.26	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_256QAM	16.52	-2.5	14.02	25.23	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_256QAM	16.52	-2.5	14.02	25.23	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	22.53	-2.5	20.03	100.69	1000	PASS

n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	23.11	-2.5	20.61	115.08	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.69	-2.5	20.19	104.47	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.69	-2.5	20.19	104.47	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	23.11	-2.5	20.61	115.08	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.67	-2.5	20.17	103.99	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.66	-2.5	20.16	103.75	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	21	-2.5	18.5	70.79	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	22.1	-2.5	19.6	91.2	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.65	-2.5	19.15	82.22	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.66	-2.5	19.16	82.41	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	20.49	-2.5	17.99	62.95	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	20.6	-2.5	18.1	64.57	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.17	-2.5	17.67	58.48	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	20.16	-2.5	17.66	58.34	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	18.64	-2.5	16.14	41.11	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	18.7	-2.5	16.2	41.69	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.51	-2.5	16.01	39.9	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	18.58	-2.5	16.08	40.55	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	20.1	-2.5	17.6	57.54	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	21.59	-2.5	19.09	81.1	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_16QAM	21.09	-2.5	18.59	72.28	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_16QAM	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_16QAM	20.46	-2.5	17.96	62.52	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	19.62	-2.5	17.12	51.52	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	16.6	-2.5	14.1	25.7	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_256QAM	16.71	-2.5	14.21	26.36	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.3	-2.5	19.8	95.5	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.35	-2.5	19.85	96.61	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.81	-2.5	19.31	85.31	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.85	-2.5	20.35	108.39	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.35	-2.5	19.85	96.61	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS

n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.82	-2.5	19.32	85.51	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.25	-2.5	18.75	74.99	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.26	-2.5	17.76	59.7	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.31	-2.5	17.81	60.39	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	19.77	-2.5	17.27	53.33	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.81	-2.5	17.31	53.83	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.44	-2.5	15.94	39.26	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.48	-2.5	15.98	39.63	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.25	-2.5	15.75	37.58	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.16	-2.5	15.66	36.81	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	19.96	-2.5	17.46	55.72	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	21.34	-2.5	18.84	76.56	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	20.88	-2.5	18.38	68.87	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_16QAM	20.82	-2.5	18.32	67.92	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_16QAM	20.21	-2.5	17.71	59.02	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_16QAM	20.28	-2.5	17.78	59.98	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_64QAM	19.42	-2.5	16.92	49.2	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_64QAM	19.35	-2.5	16.85	48.42	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	16.4	-2.5	13.9	24.55	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_256QAM	15.98	-2.5	13.48	22.28	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_256QAM	16.04	-2.5	13.54	22.59	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.92	-2.5	20.42	110.15	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.47	-2.5	19.97	99.31	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.92	-2.5	20.42	110.15	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.43	-2.5	19.93	98.4	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.33	-2.5	19.83	96.16	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.92	-2.5	19.42	87.5	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.27	-2.5	18.77	75.34	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	20.42	-2.5	17.92	61.94	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.04	-2.5	17.54	56.75	1000	PASS

n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.4	-2.5	15.9	38.9	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	18.35	-2.5	15.85	38.46	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	20.97	-2.5	18.47	70.31	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	20.9	-2.5	18.4	69.18	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	20.25	-2.5	17.75	59.57	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	20.2	-2.5	17.7	58.88	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	19.46	-2.5	16.96	49.66	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	19.56	-2.5	17.06	50.82	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	19.4	-2.5	16.9	48.98	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	19.31	-2.5	16.81	47.97	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	16.49	-2.5	13.99	25.06	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	16.43	-2.5	13.93	24.72	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	16.34	-2.5	13.84	24.21	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	22.48	-2.5	19.98	99.54	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	23.11	-2.5	20.61	115.08	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.58	-2.5	20.08	101.86	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	22.01	-2.5	19.51	89.33	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	23.13	-2.5	20.63	115.61	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.57	-2.5	20.07	101.62	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	21	-2.5	18.5	70.79	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	22.06	-2.5	19.56	90.36	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	20.56	-2.5	18.06	63.97	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	20	-2.5	17.5	56.23	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	18.62	-2.5	16.12	40.93	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	18.77	-2.5	16.27	42.36	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	18.47	-2.5	15.97	39.54	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	20.17	-2.5	17.67	58.48	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	21.61	-2.5	19.11	81.47	1000	PASS

n78(3450-3550)	30	70	634332	1@1	CP_QPSK	21.14	-2.5	18.64	73.11	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	21.12	-2.5	18.62	72.78	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	20.19	-2.5	17.69	58.75	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	21.12	-2.5	18.62	72.78	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	19.66	-2.5	17.16	52	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	19.77	-2.5	17.27	53.33	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	19.46	-2.5	16.96	49.66	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	19.44	-2.5	16.94	49.43	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	16.6	-2.5	14.1	25.7	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	16.73	-2.5	14.23	26.49	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.27	-2.5	19.77	94.84	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.25	-2.5	19.75	94.41	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.24	-2.5	19.74	94.19	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.77	-2.5	19.27	84.53	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.89	-2.5	20.39	109.4	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.26	-2.5	19.76	94.62	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.25	-2.5	19.75	94.41	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.89	-2.5	19.39	86.9	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.21	-2.5	18.71	74.3	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.23	-2.5	17.73	59.29	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.66	-2.5	17.16	52	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	18.43	-2.5	15.93	39.17	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.47	-2.5	15.97	39.54	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.27	-2.5	15.77	37.76	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	18.22	-2.5	15.72	37.33	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	21.37	-2.5	18.87	77.09	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	19.94	-2.5	17.44	55.46	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	20.07	-2.5	17.57	57.15	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	20.09	-2.5	17.59	57.41	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	19.42	-2.5	16.92	49.2	1000	PASS

n78(3450-3550)	30	80	632668	109@54	CP_64QAM	19.51	-2.5	17.01	50.23	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	19.19	-2.5	16.69	46.67	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	19.21	-2.5	16.71	46.88	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	16.65	-2.5	14.15	26	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	16.52	-2.5	14.02	25.23	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	16.86	-2.5	14.36	27.29	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	16.21	-2.5	13.71	23.5	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.29	-2.5	19.79	95.28	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.91	-2.5	20.41	109.9	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.26	-2.5	19.76	94.62	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.78	-2.5	19.28	84.72	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.91	-2.5	20.41	109.9	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.25	-2.5	19.75	94.41	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.89	-2.5	19.39	86.9	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.26	-2.5	18.76	75.16	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.18	-2.5	18.68	73.79	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	20.24	-2.5	17.74	59.43	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.38	-2.5	17.88	61.38	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	18.3	-2.5	15.8	38.02	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	18.24	-2.5	15.74	37.5	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	19.95	-2.5	17.45	55.59	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	21.39	-2.5	18.89	77.45	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	20.95	-2.5	18.45	69.98	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	20.88	-2.5	18.38	68.87	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	19.26	-2.5	16.76	47.42	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	19.15	-2.5	16.65	46.24	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	16.42	-2.5	13.92	24.66	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	16.28	-2.5	13.78	23.88	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	16.21	-2.5	13.71	23.5	1000	PASS

n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	23.05	-2.5	20.55	113.5	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.49	-2.5	19.99	99.77	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.36	-2.5	19.86	96.83	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.9	-2.5	19.4	87.1	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	23.05	-2.5	20.55	113.5	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.49	-2.5	19.99	99.77	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.91	-2.5	18.41	69.34	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	22.04	-2.5	19.54	89.95	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	21.27	-2.5	18.77	75.34	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	20.51	-2.5	18.01	63.24	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	19.9	-2.5	17.4	54.95	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	18.57	-2.5	16.07	40.46	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.49	-2.5	15.99	39.72	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	18.32	-2.5	15.82	38.19	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	21.54	-2.5	19.04	80.17	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	21.07	-2.5	18.57	71.94	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	20.94	-2.5	18.44	69.82	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	20.29	-2.5	17.79	60.12	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	20.22	-2.5	17.72	59.16	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	19.58	-2.5	17.08	51.05	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	19.69	-2.5	17.19	52.36	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	19.51	-2.5	17.01	50.23	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_64QAM	19.36	-2.5	16.86	48.53	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	16.51	-2.5	14.01	25.18	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	16.33	-2.5	13.83	24.15	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.21	-2.5	19.71	93.54	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.02	-2.5	19.52	89.54	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.04	-2.5	19.54	89.95	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.72	-2.5	19.22	83.56	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.86	-2.5	20.36	108.64	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	22	-2.5	19.5	89.13	1000	PASS

n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.71	-2.5	18.21	66.22	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.85	-2.5	19.35	86.1	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	20.94	-2.5	18.44	69.82	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	20.94	-2.5	18.44	69.82	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.19	-2.5	17.69	58.75	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	20.34	-2.5	17.84	60.81	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.46	-2.5	16.96	49.66	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.51	-2.5	17.01	50.23	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	18.39	-2.5	15.89	38.82	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	18.49	-2.5	15.99	39.72	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	18.01	-2.5	15.51	35.56	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	18.03	-2.5	15.53	35.73	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	19.87	-2.5	17.37	54.58	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	21.3	-2.5	18.8	75.86	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	20.58	-2.5	18.08	64.27	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	20.56	-2.5	18.06	63.97	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	19.86	-2.5	17.36	54.45	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	19.68	-2.5	17.18	52.24	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	19.73	-2.5	17.23	52.84	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	19.35	-2.5	16.85	48.42	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	19.48	-2.5	16.98	49.89	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	19	-2.5	16.5	44.67	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	19.03	-2.5	16.53	44.98	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	16.33	-2.5	13.83	24.15	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	15.94	-2.5	13.44	22.08	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	15.84	-2.5	13.34	21.58	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.21	-2.5	19.71	93.54	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.1	-2.5	19.6	91.2	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.11	-2.5	19.61	91.41	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.72	-2.5	19.22	83.56	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.86	-2.5	20.36	108.64	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.05	-2.5	19.55	90.16	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.03	-2.5	19.53	89.74	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.71	-2.5	18.21	66.22	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.87	-2.5	19.37	86.5	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	20.92	-2.5	18.42	69.5	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	20.95	-2.5	18.45	69.98	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.22	-2.5	17.72	59.16	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.34	-2.5	17.84	60.81	1000	PASS

n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.67	-2.5	17.17	52.12	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	18.41	-2.5	15.91	38.99	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.52	-2.5	16.02	39.99	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.76	-2.5	15.26	33.57	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.79	-2.5	15.29	33.81	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	19.89	-2.5	17.39	54.83	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	21.32	-2.5	18.82	76.21	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	20.58	-2.5	18.08	64.27	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	20.54	-2.5	18.04	63.68	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	19.87	-2.5	17.37	54.58	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	20.83	-2.5	18.33	68.08	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	19.37	-2.5	16.87	48.64	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	19.48	-2.5	16.98	49.89	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	19.13	-2.5	16.63	46.03	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	16.34	-2.5	13.84	24.21	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	16.07	-2.5	13.57	22.75	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	16.12	-2.5	13.62	23.01	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	22.39	-2.5	19.89	97.5	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.29	-2.5	19.79	95.28	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.19	-2.5	19.69	93.11	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.87	-2.5	19.37	86.5	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	23.02	-2.5	20.52	112.72	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.29	-2.5	19.79	95.28	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.14	-2.5	19.64	92.04	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.87	-2.5	18.37	68.71	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	22.02	-2.5	19.52	89.54	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.22	-2.5	18.72	74.47	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	21.09	-2.5	18.59	72.28	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.51	-2.5	18.01	63.24	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	19.76	-2.5	17.26	53.21	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	18.58	-2.5	16.08	40.55	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.29	-2.5	15.79	37.93	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.87	-2.5	15.37	34.43	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	20.03	-2.5	17.53	56.62	1000	PASS

n78(3450-3550)	30	90	633666	123@61	CP_QPSK	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	20.74	-2.5	18.24	66.68	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	20.71	-2.5	18.21	66.22	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	19.66	-2.5	17.16	52	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	19.33	-2.5	16.83	48.19	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	19.32	-2.5	16.82	48.08	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	16.5	-2.5	14	25.12	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	16.6	-2.5	14.1	25.7	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	15.98	-2.5	13.48	22.28	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	15.97	-2.5	13.47	22.23	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.16	-2.5	19.66	92.47	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.85	-2.5	20.35	108.39	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	21.9	-2.5	19.4	87.1	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	21.87	-2.5	19.37	86.5	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.67	-2.5	19.17	82.6	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	21.86	-2.5	19.36	86.3	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	21.86	-2.5	19.36	86.3	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.66	-2.5	18.16	65.46	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.85	-2.5	19.35	86.1	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	19.36	-2.5	16.86	48.53	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.34	-2.5	16.84	48.31	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.33	-2.5	15.83	38.28	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	18.48	-2.5	15.98	39.63	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	17.91	-2.5	15.41	34.75	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.89	-2.5	15.39	34.59	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	19.81	-2.5	17.31	53.83	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	21.3	-2.5	18.8	75.86	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	20.43	-2.5	17.93	62.09	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	19.82	-2.5	17.32	53.95	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	20.77	-2.5	18.27	67.14	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	19.61	-2.5	17.11	51.4	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	19.59	-2.5	17.09	51.17	1000	PASS

n78(3450-3550)	30	100	633334	273@0	CP_64QAM	19.31	-2.5	16.81	47.97	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	19.48	-2.5	16.98	49.89	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	18.89	-2.5	16.39	43.55	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	18.92	-2.5	16.42	43.85	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	16.29	-2.5	13.79	23.93	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	16.43	-2.5	13.93	24.72	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	15.9	-2.5	13.4	21.88	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	15.92	-2.5	13.42	21.98	1000	PASS

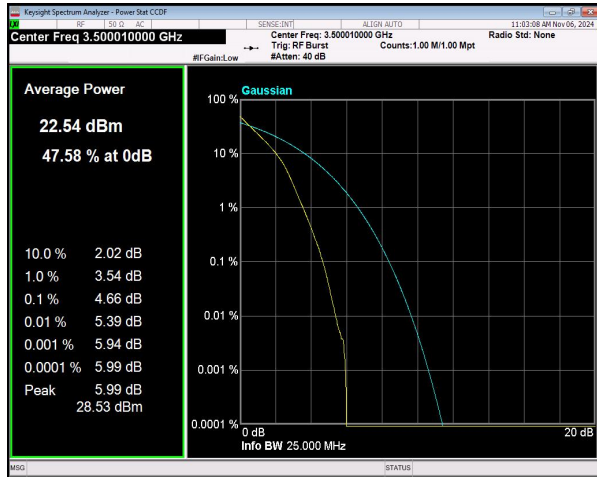
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-9.9	-0.00283	PASS
20	6	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	2.2	0.00063	PASS
20	9	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	7.6	0.00217	PASS
-30	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-0.2	-0.00006	PASS
-20	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	6.7	0.00191	PASS
-10	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-3.9	-0.00111	PASS
0	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-10.6	-0.00303	PASS
10	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.3	0.00151	PASS
30	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-0.1	-0.00003	PASS
40	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	4.1	0.00117	PASS
50	7.82	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	4.6	0.00131	PASS

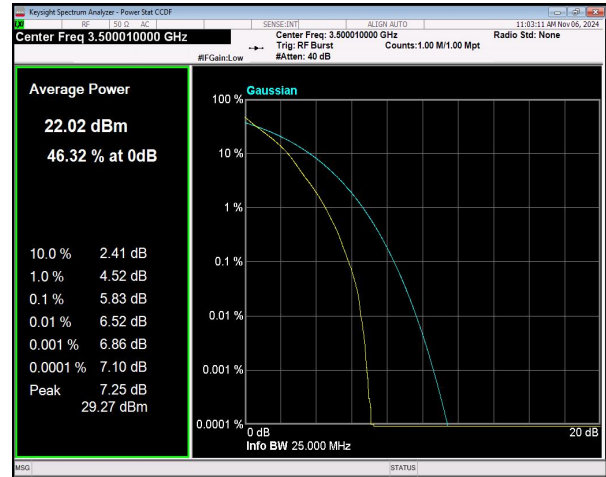
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

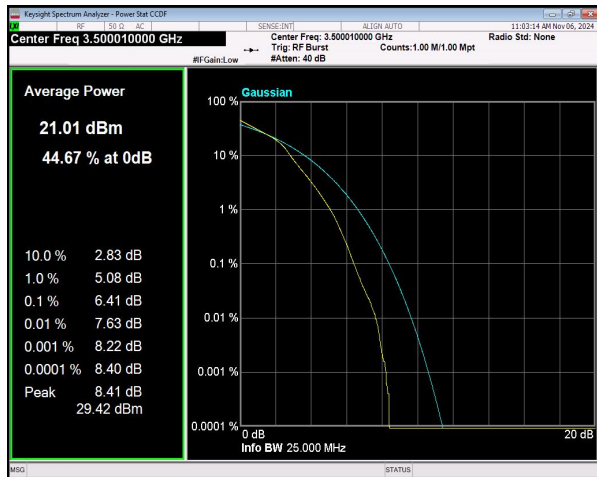
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.66	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.83	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.41	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.66	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.89	13	PASS



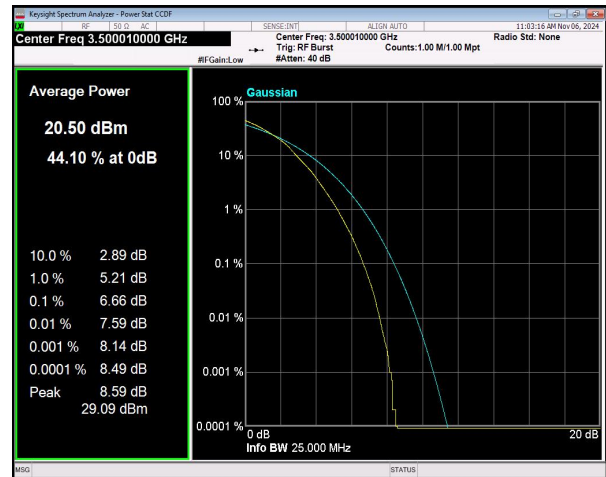
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



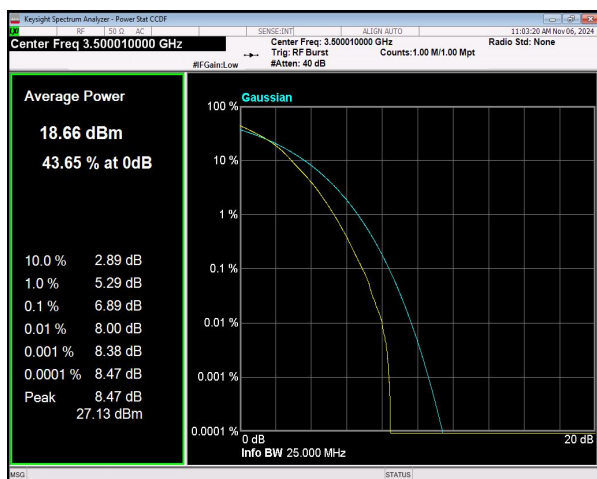
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz
Channel=633334 RB=50@0



n77(3450-3550) SCS=30kHz DFT_16QAM BW=20MHz
Channel=633334 RB=50@0



n77(3450-3550) SCS=30kHz DFT_64QAM BW=20MHz
Channel=633334 RB=50@0

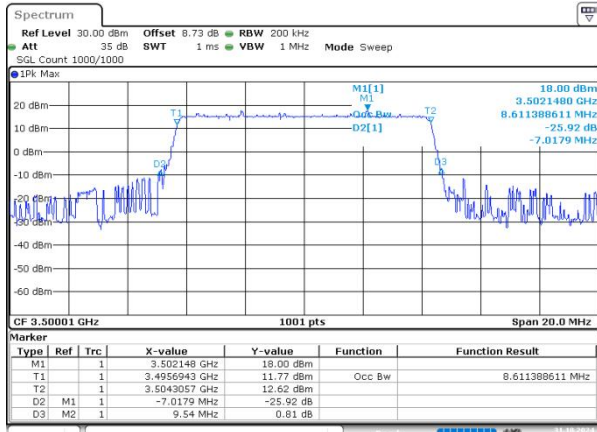


n77(3450-3550) SCS=30kHz DFT_256QAM BW=20MHz
Channel=633334 RB=50@0

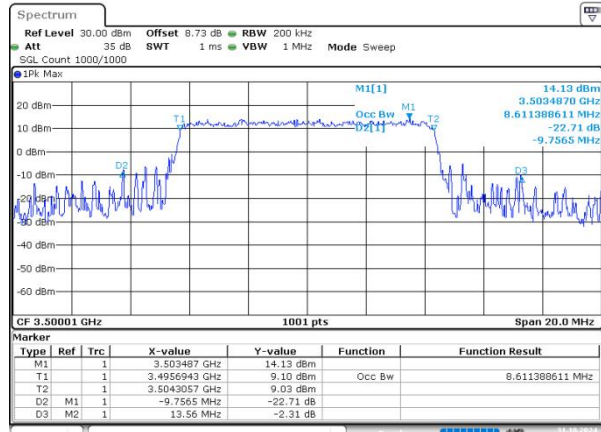
4. Occupied Bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	633334	3500.01	24@0	DFT_BPSK	8.611	9.540	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.611	13.560	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.651	11.820	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.631	9.600	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.611	9.760	PASS
n77(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.917	13.920	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.576	15.000	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.666	15.480	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.606	15.210	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.636	14.670	PASS
n77(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.982	19.000	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.342	23.400	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.302	19.720	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.342	23.040	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.302	24.800	PASS
n77(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.884	39.360	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	38.042	43.040	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	38.042	47.040	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.202	40.720	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.962	42.480	PASS
n77(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.854	48.600	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.652	50.100	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.652	52.400	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.552	50.200	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.652	50.200	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.382	62.760	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.382	63.720	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.501	63.960	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	58.382	62.760	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.382	62.760	PASS
n77(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	65.035	72.240	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	68.112	72.380	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.972	72.380	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.832	73.080	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	67.832	72.800	PASS
n77(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.522	82.080	PASS
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.842	84.160	PASS
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.842	82.560	PASS

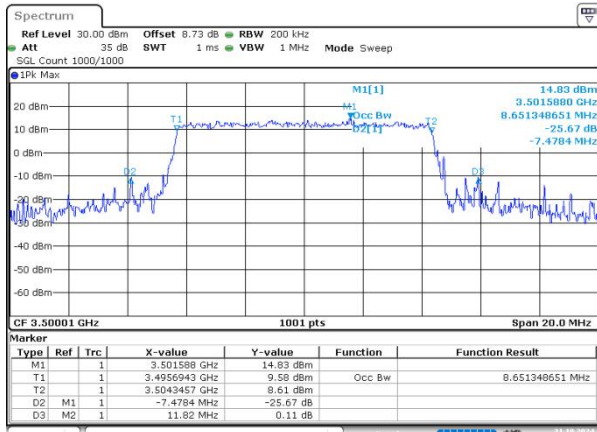
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.842	82.560	PASS
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	78.002	85.760	PASS
n77(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.033	91.980	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.752	92.520	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.752	92.520	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.752	93.420	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.752	95.940	PASS
n77(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.304	101.600	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.502	104.400	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.502	102.400	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.303	102.400	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.303	105.000	PASS



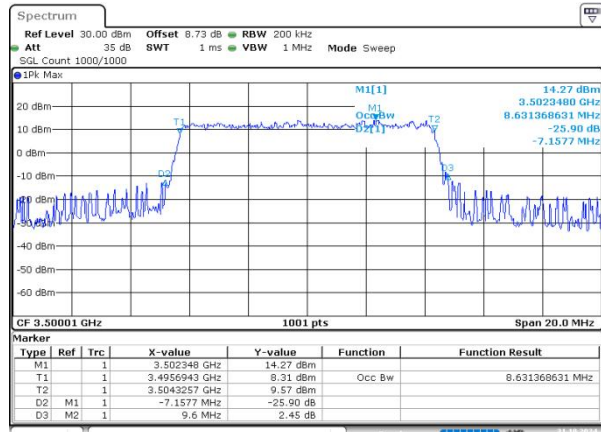
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
Channel=633334 RB=24@0



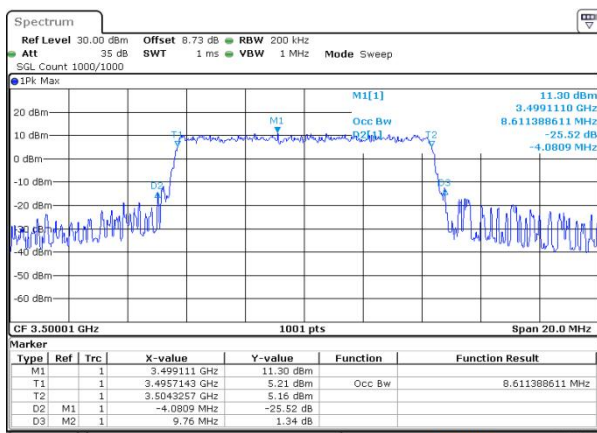
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
Channel=633334 RB=24@0



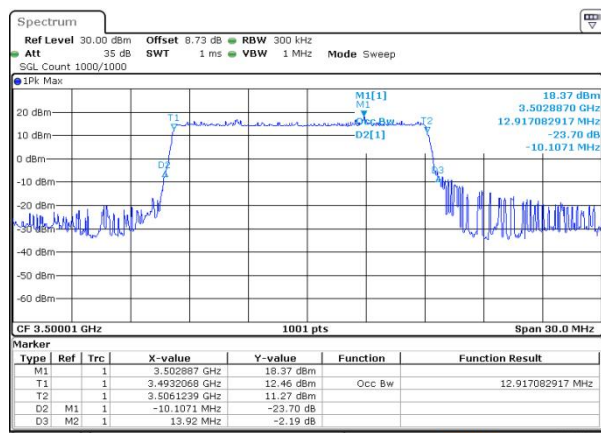
n77(3450-3550) SCS=30kHz CP_16QAM BW=10MHz
Channel=633334 RB=24@0



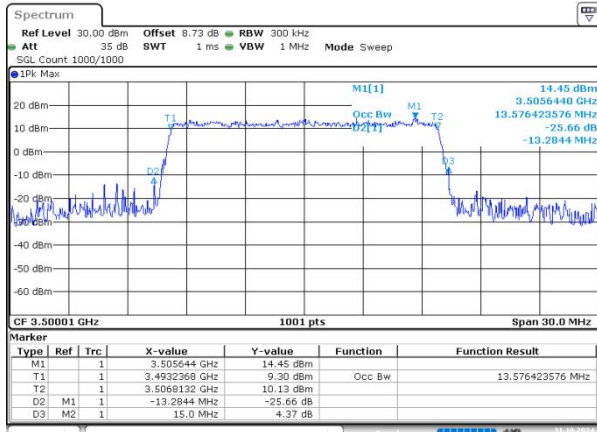
n77(3450-3550) SCS=30kHz CP_64QAM BW=10MHz
Channel=633334 RB=24@0



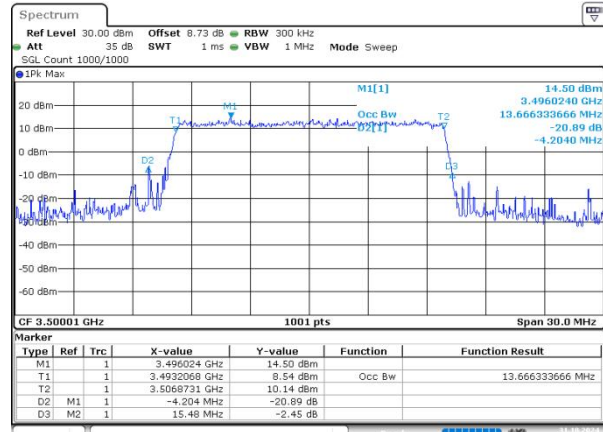
n77(3450-3550) SCS=30kHz CP_256QAM BW=10MHz
Channel=633334 RB=24@0



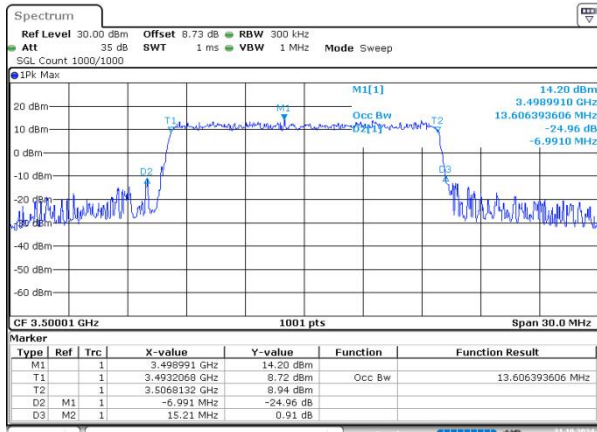
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
Channel=633334 RB=36@0



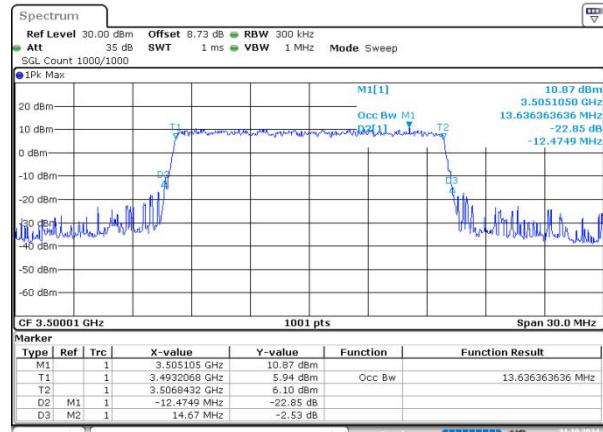
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz
Channel=633334 RB=38@0



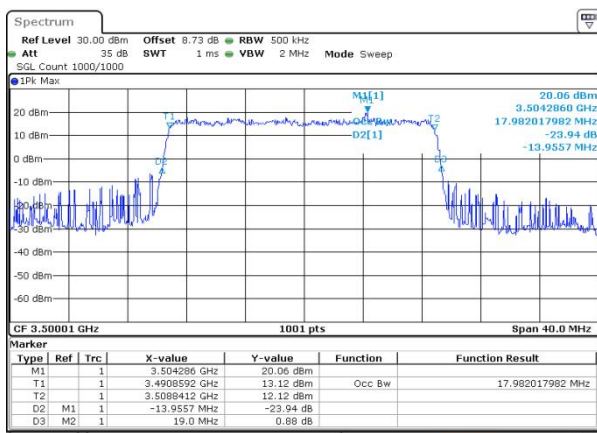
n77(3450-3550) SCS=30kHz CP_16QAM BW=15MHz
Channel=633334 RB=38@0



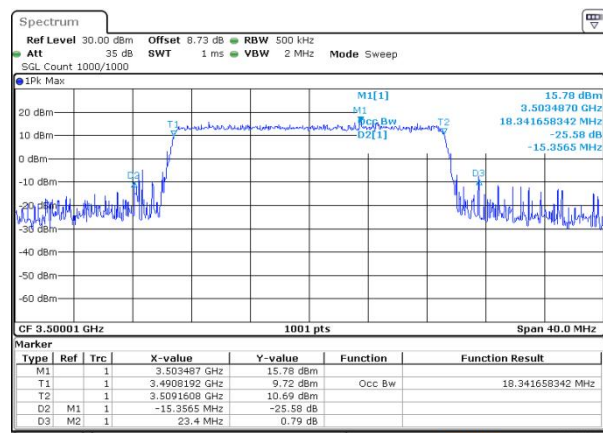
n77(3450-3550) SCS=30kHz CP_64QAM BW=15MHz
Channel=633334 RB=38@0



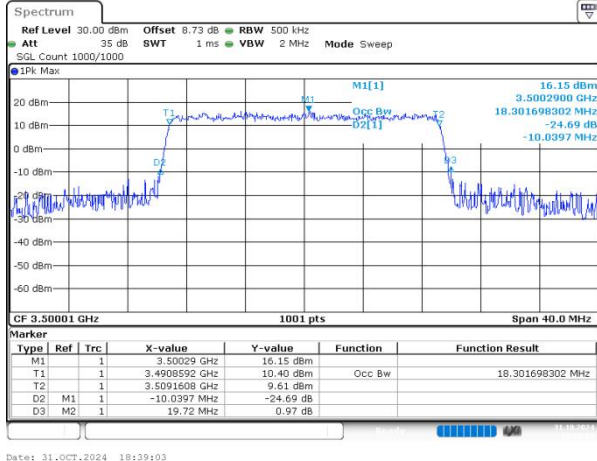
n77(3450-3550) SCS=30kHz CP_256QAM BW=15MHz
Channel=633334 RB=38@0



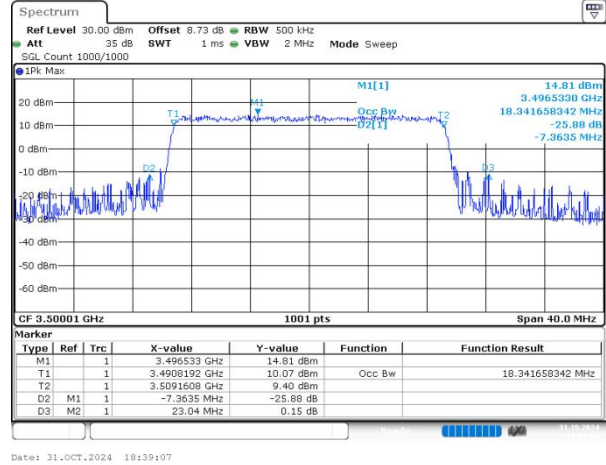
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



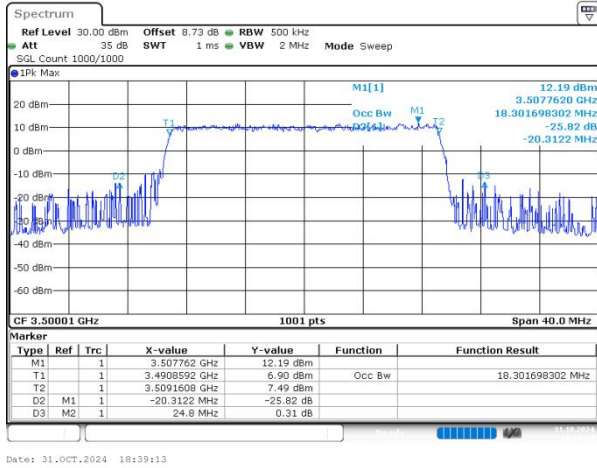
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz
Channel=633334 RB=51@0



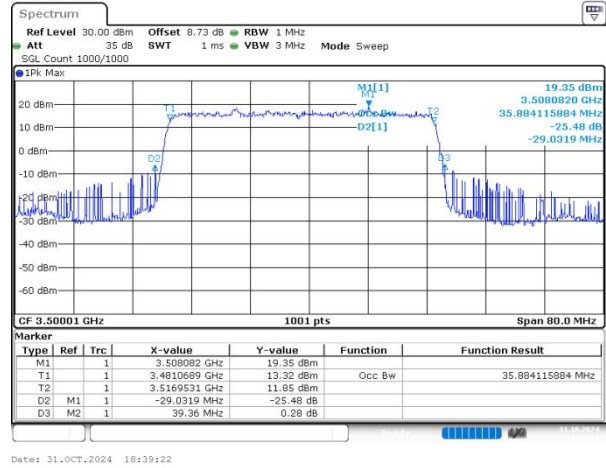
n77(3450-3550) SCS=30kHz CP_16QAM BW=20MHz
Channel=633334 RB=51@0



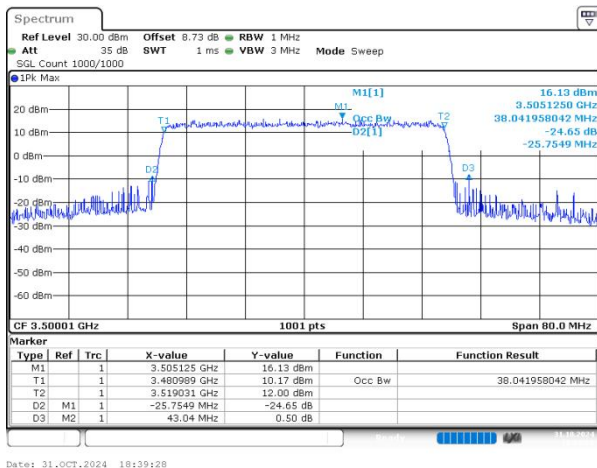
n77(3450-3550) SCS=30kHz CP_64QAM BW=20MHz
Channel=633334 RB=51@0



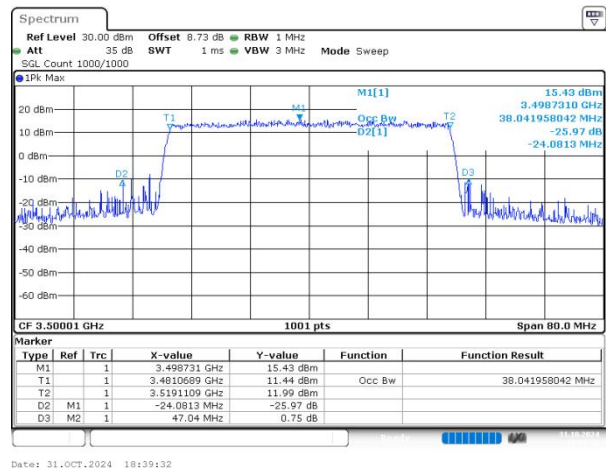
n77(3450-3550) SCS=30kHz CP_256QAM BW=20MHz
Channel=633334 RB=51@0



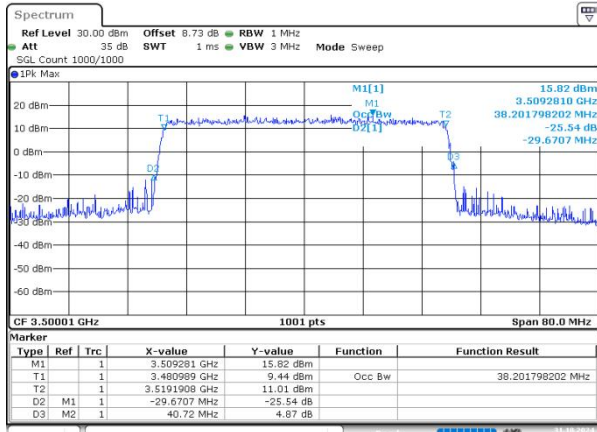
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz
Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz CP_QPSK BW=40MHz
Channel=633334 RB=106@0



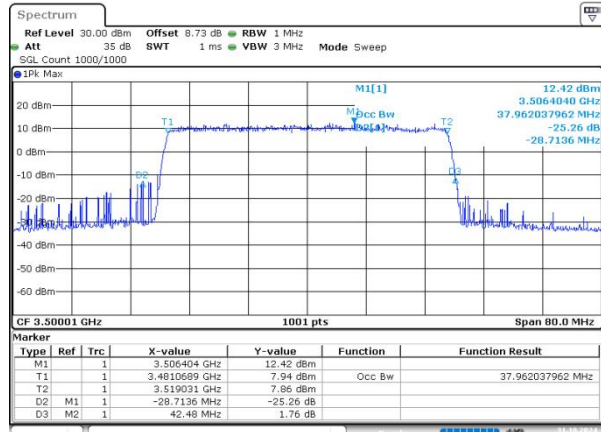
n77(3450-3550) SCS=30kHz CP_16QAM BW=40MHz
Channel=633334 RB=106@0



Date: 31.OCT.2024 18:39:36

n77(3450-3550) SCS=30kHz CP_64QAM BW=40MHz

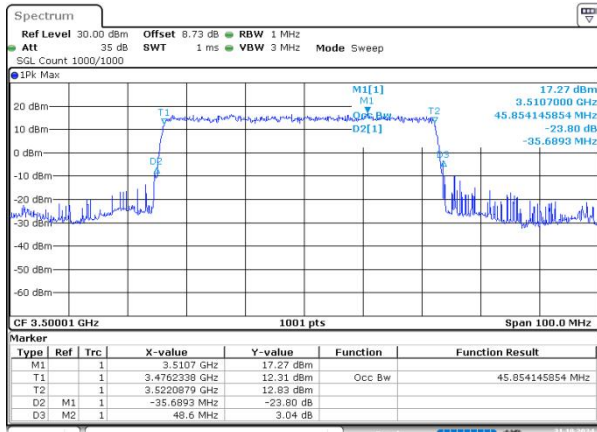
Channel=633334 RB=106@0



Date: 31.OCT.2024 18:39:42

n77(3450-3550) SCS=30kHz CP_256QAM BW=40MHz

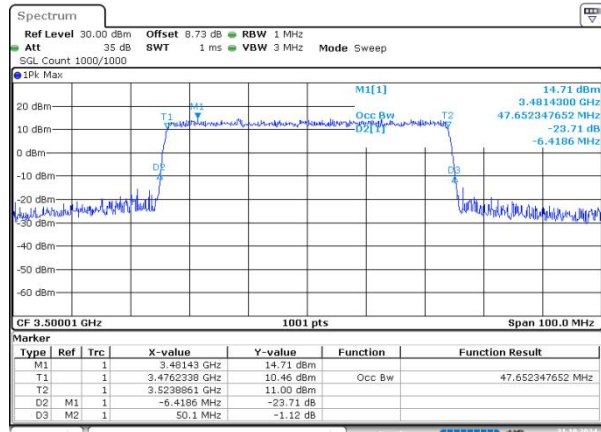
Channel=633334 RB=106@0



Date: 31.OCT.2024 18:39:54

n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz

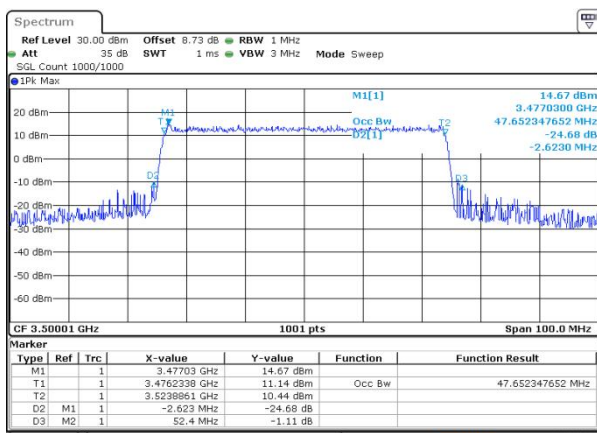
Channel=633334 RB=128@0



Date: 31.OCT.2024 18:40:02

n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz

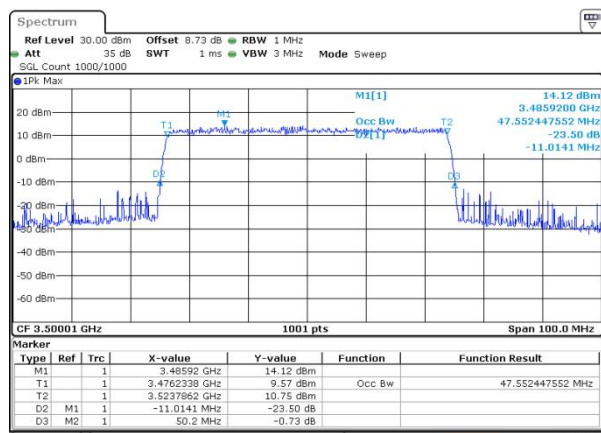
Channel=633334 RB=133@0



Date: 31.OCT.2024 18:40:09

n77(3450-3550) SCS=30kHz CP_16QAM BW=50MHz

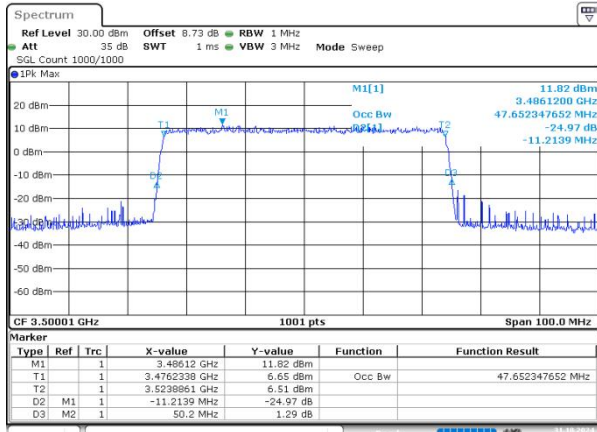
Channel=633334 RB=133@0



Date: 31.OCT.2024 18:40:16

n77(3450-3550) SCS=30kHz CP_64QAM BW=50MHz

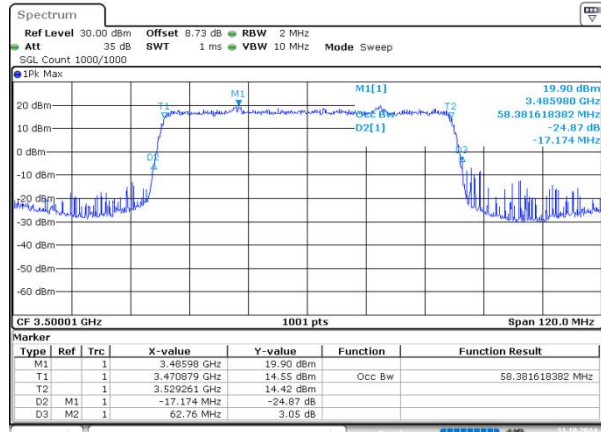
Channel=633334 RB=133@0



Date: 31.OCT.2024 18:40:24

n77(3450-3550) SCS=30kHz CP_256QAM BW=50MHz

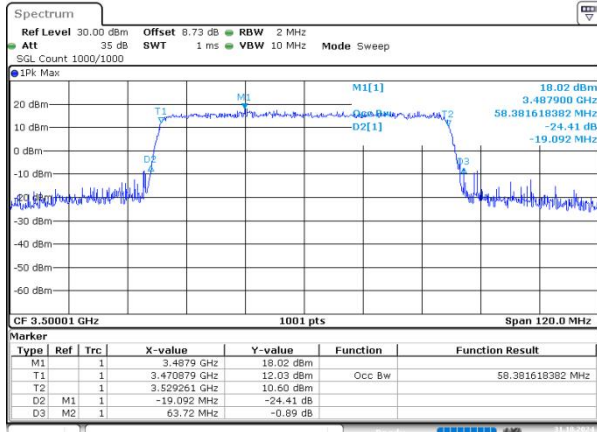
Channel=633334 RB=133@0



Date: 31.OCT.2024 18:40:36

n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz

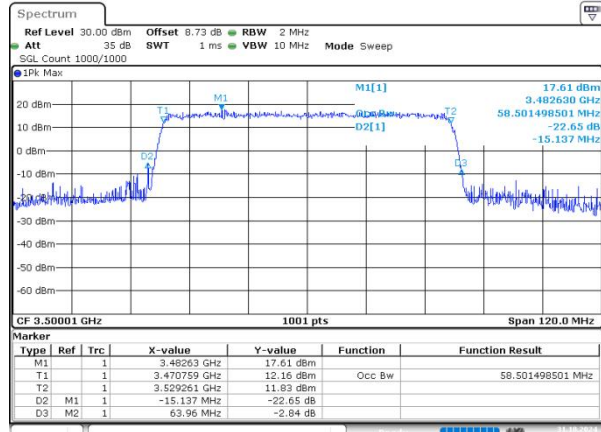
Channel=633334 RB=162@0



Date: 31.OCT.2024 18:40:45

n77(3450-3550) SCS=30kHz CP_QPSK BW=60MHz

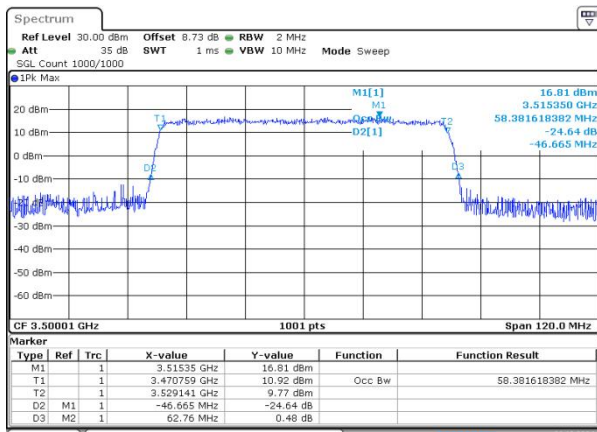
Channel=633334 RB=162@0



Date: 31.OCT.2024 18:40:51

n77(3450-3550) SCS=30kHz CP_16QAM BW=60MHz

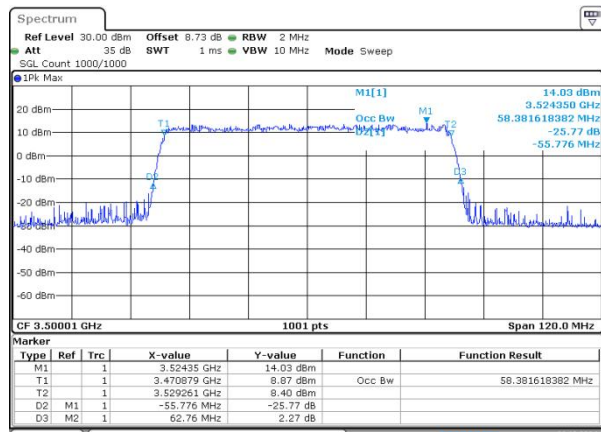
Channel=633334 RB=162@0



Date: 31.OCT.2024 18:40:58

n77(3450-3550) SCS=30kHz CP_64QAM BW=60MHz

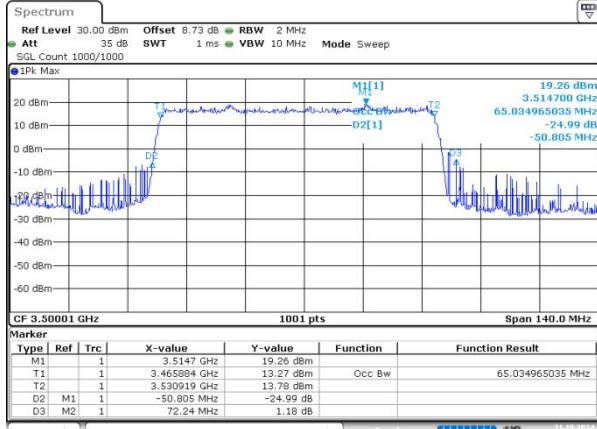
Channel=633334 RB=162@0



Date: 31.OCT.2024 18:41:07

n77(3450-3550) SCS=30kHz CP_256QAM BW=60MHz

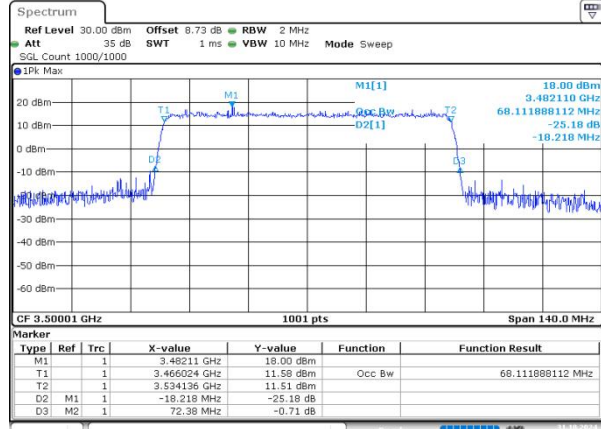
Channel=633334 RB=162@0



Date: 31.OCT.2024 18:41:19

n77(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz

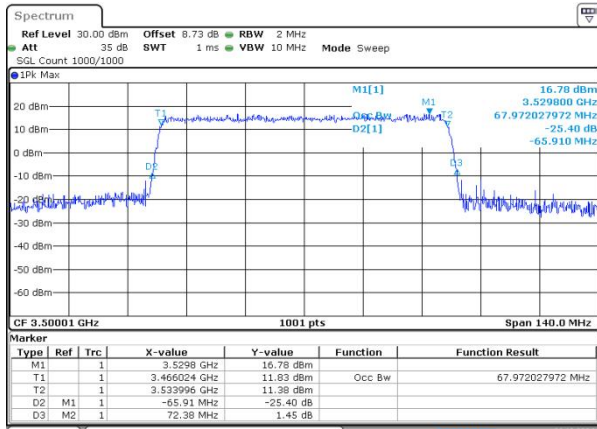
Channel=633334 RB=180@0



Date: 31.OCT.2024 18:41:27

n77(3450-3550) SCS=30kHz CP_QPSK BW=70MHz

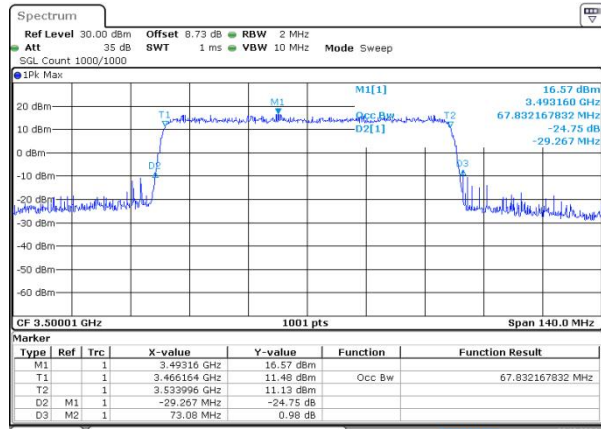
Channel=633334 RB=189@0



Date: 31.OCT.2024 18:41:34

n77(3450-3550) SCS=30kHz CP_16QAM BW=70MHz

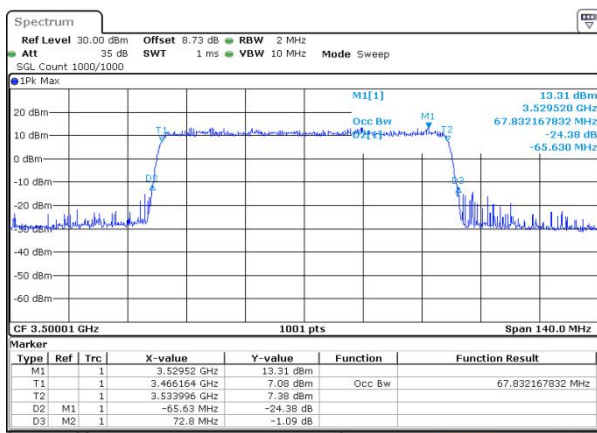
Channel=633334 RB=189@0



Date: 31.OCT.2024 18:41:41

n77(3450-3550) SCS=30kHz CP_64QAM BW=70MHz

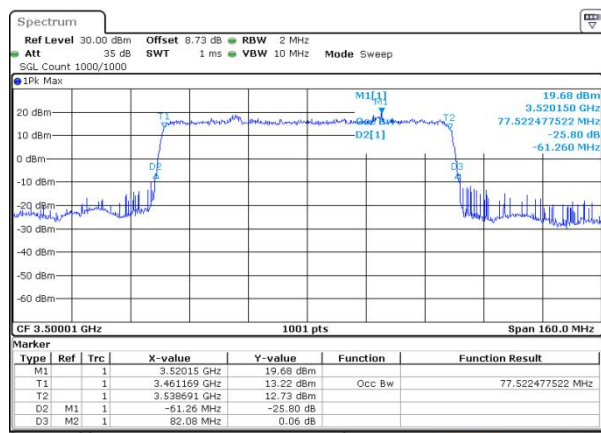
Channel=633334 RB=189@0



Date: 31.OCT.2024 18:41:49

n77(3450-3550) SCS=30kHz CP_256QAM BW=70MHz

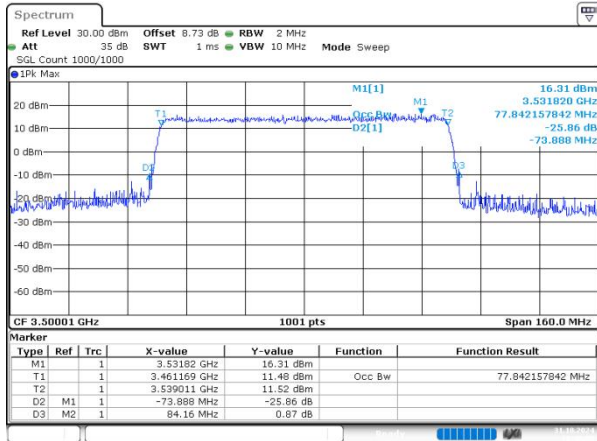
Channel=633334 RB=189@0



Date: 31.OCT.2024 18:42:01

n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz

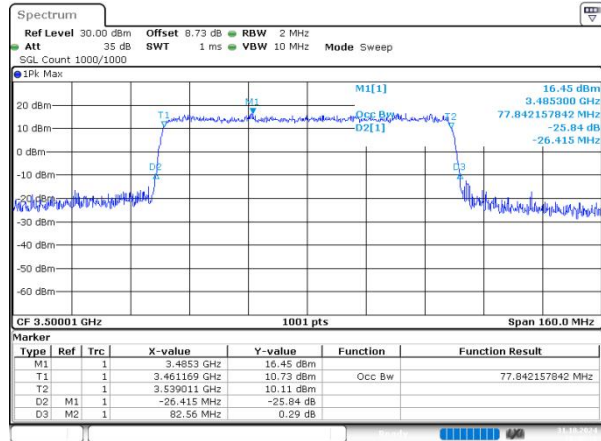
Channel=633334 RB=216@0



Date: 31.OCT.2024 18:42:09

n77(3450-3550) SCS=30kHz CP_QPSK BW=80MHz

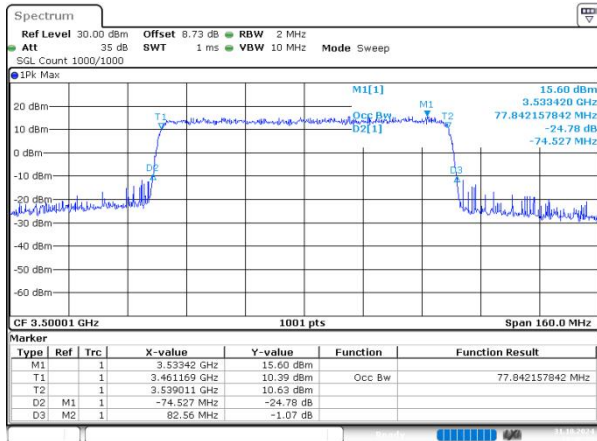
Channel=633334 RB=217@0



Date: 31.OCT.2024 18:42:16

n77(3450-3550) SCS=30kHz CP_16QAM BW=80MHz

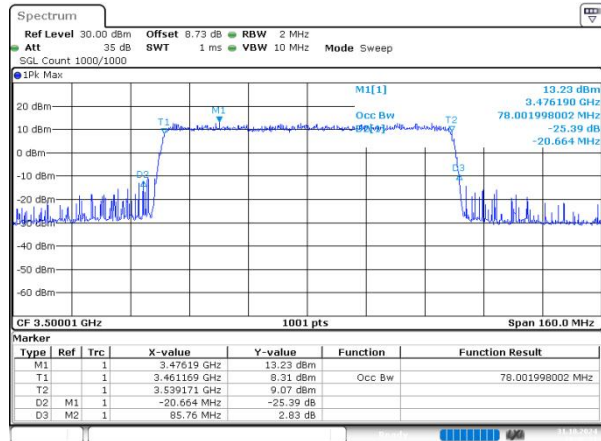
Channel=633334 RB=217@0



Date: 31.OCT.2024 18:42:23

n77(3450-3550) SCS=30kHz CP_64QAM BW=80MHz

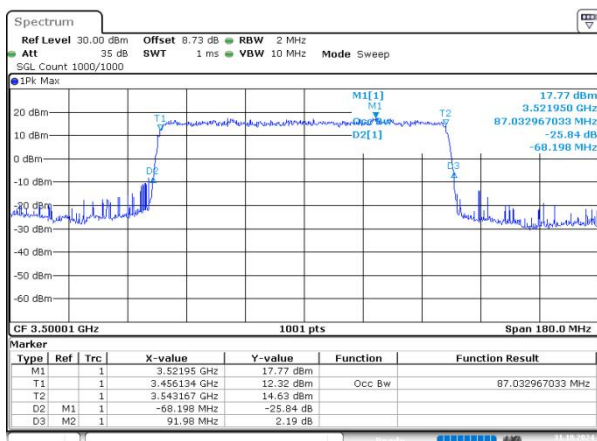
Channel=633334 RB=217@0



Date: 31.OCT.2024 18:42:31

n77(3450-3550) SCS=30kHz CP_256QAM BW=80MHz

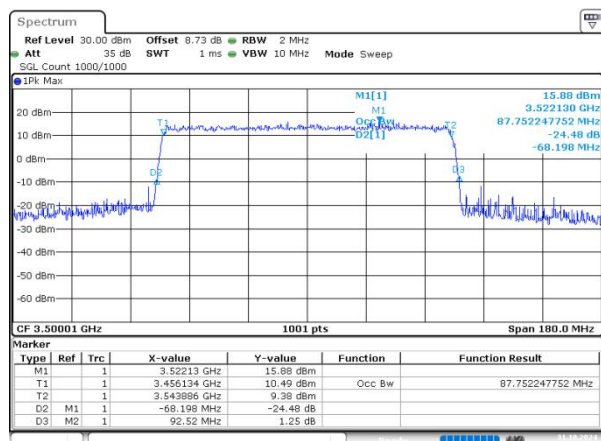
Channel=633334 RB=217@0



Date: 31.OCT.2024 18:42:44

n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz

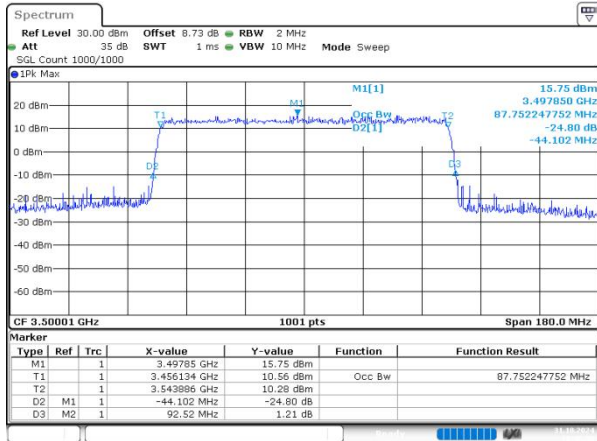
Channel=633334 RB=243@0



Date: 31.OCT.2024 18:42:52

n77(3450-3550) SCS=30kHz CP_QPSK BW=90MHz

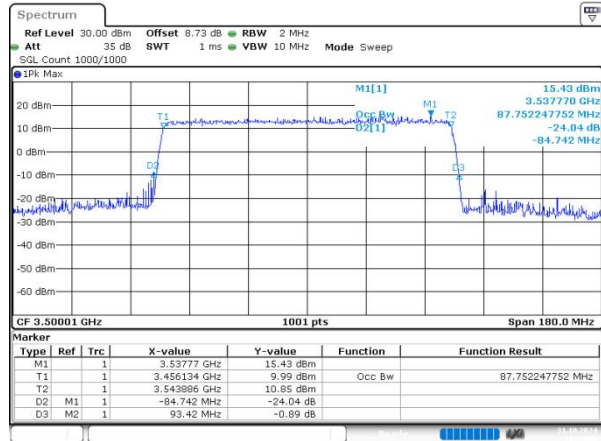
Channel=633334 RB=245@0



Date: 31.OCT.2024 18:42:59

n77(3450-3550) SCS=30kHz CP_16QAM BW=90MHz

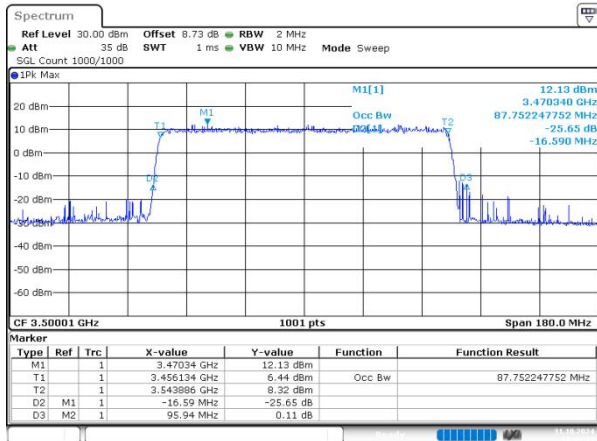
Channel=633334 RB=245@0



Date: 31.OCT.2024 18:43:06

n77(3450-3550) SCS=30kHz CP_64QAM BW=90MHz

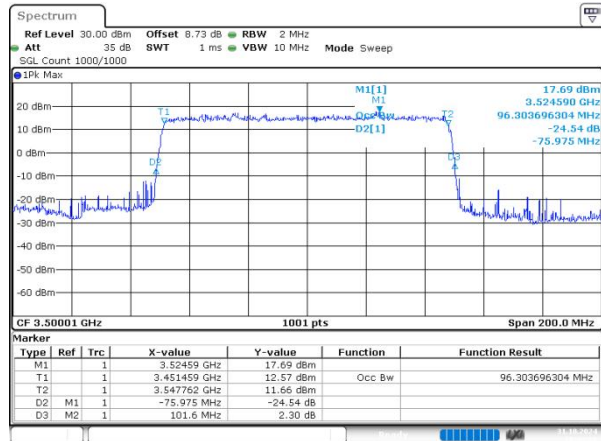
Channel=633334 RB=245@0



Date: 31.OCT.2024 18:43:14

n77(3450-3550) SCS=30kHz CP_256QAM BW=90MHz

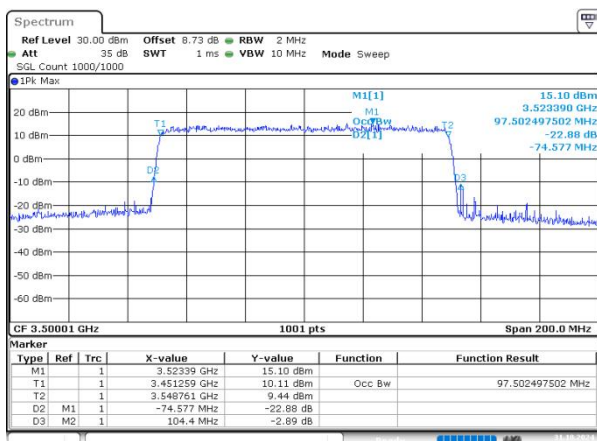
Channel=633334 RB=245@0



Date: 31.OCT.2024 18:43:25

n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

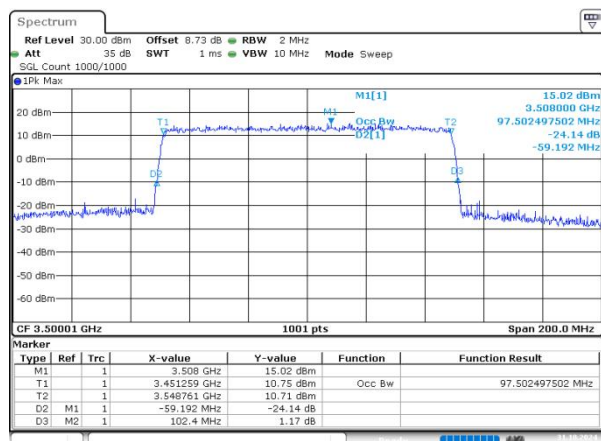
Channel=633334 RB=270@0



Date: 31.OCT.2024 18:43:34

n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz

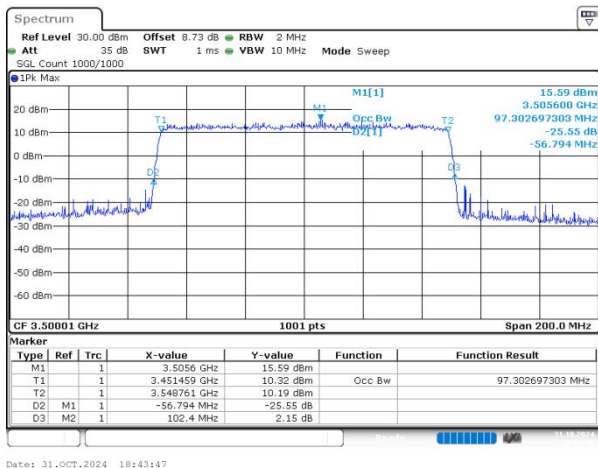
Channel=633334 RB=273@0



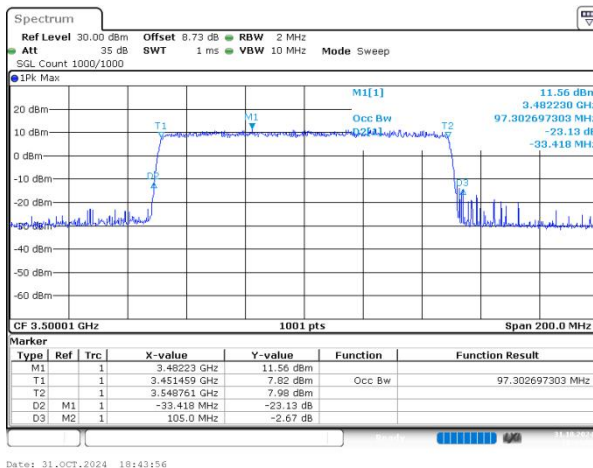
Date: 31.OCT.2024 18:43:41

n77(3450-3550) SCS=30kHz CP_16QAM BW=100MHz

Channel=633334 RB=273@0

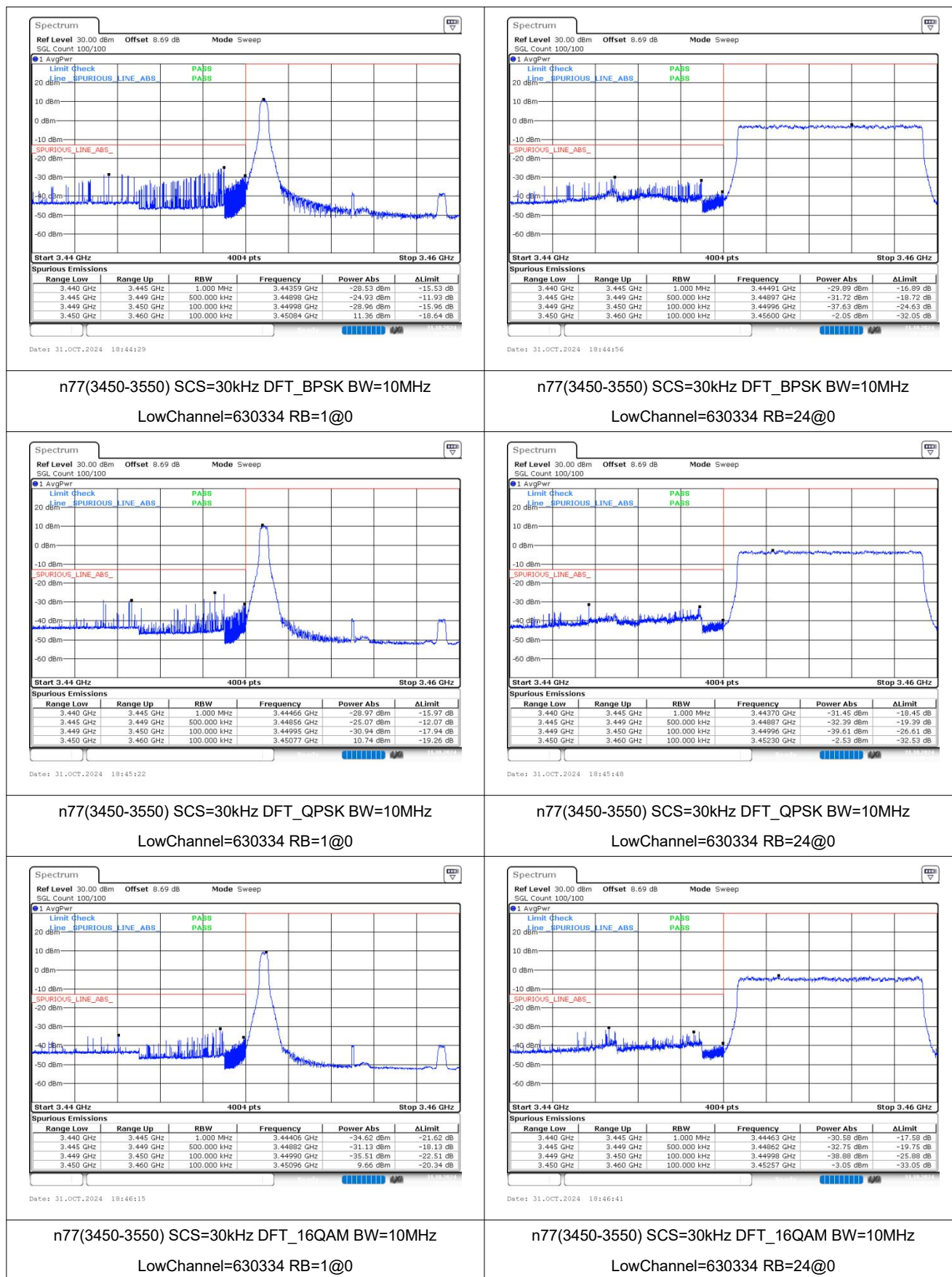


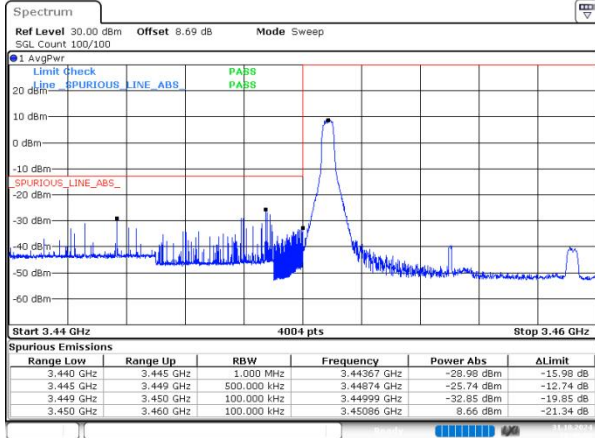
n77(3450-3550) SCS=30kHz CP_64QAM BW=100MHz
Channel=633334 RB=273@0



n77(3450-3550) SCS=30kHz CP_256QAM BW=100MHz
Channel=633334 RB=273@0

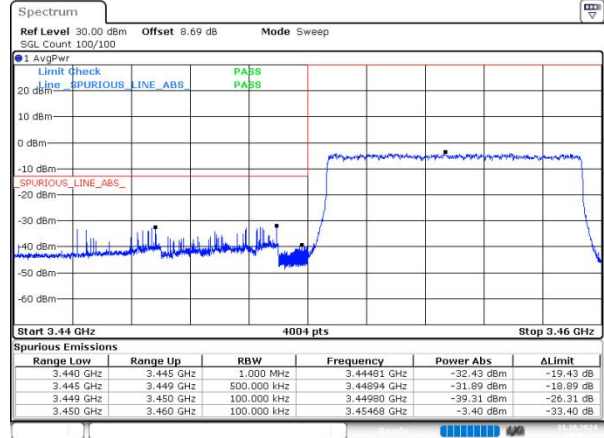
5. Conducted Band Edge





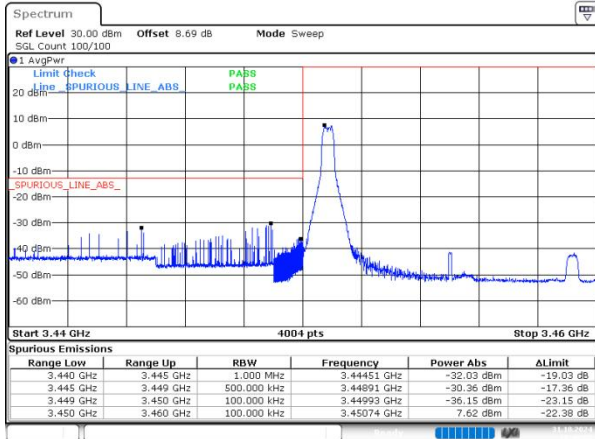
Date: 31.OCT.2024 18:47:08

n77(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=630334 RB=1@0



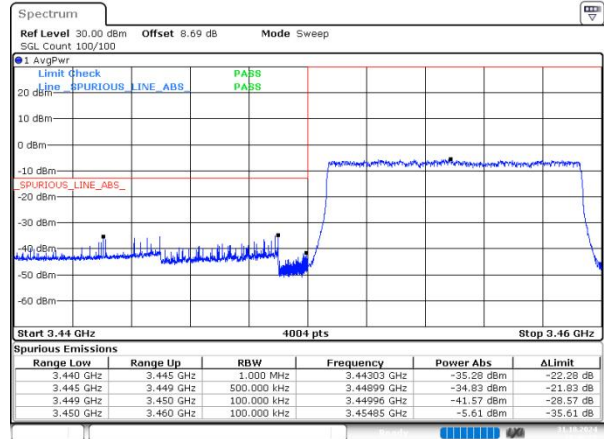
Date: 31.OCT.2024 18:47:34

n77(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=630334 RB=24@0



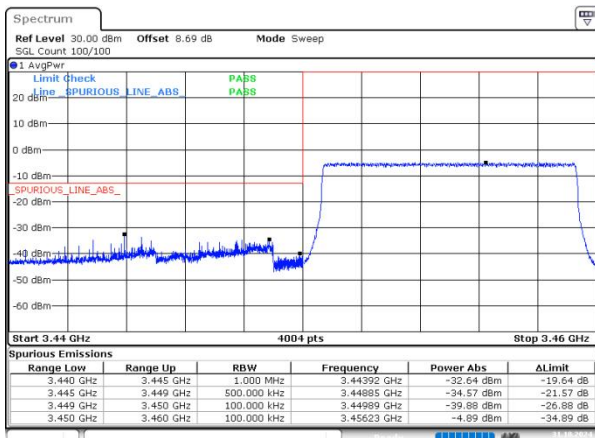
Date: 31.OCT.2024 18:48:02

n77(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=630334 RB=1@0



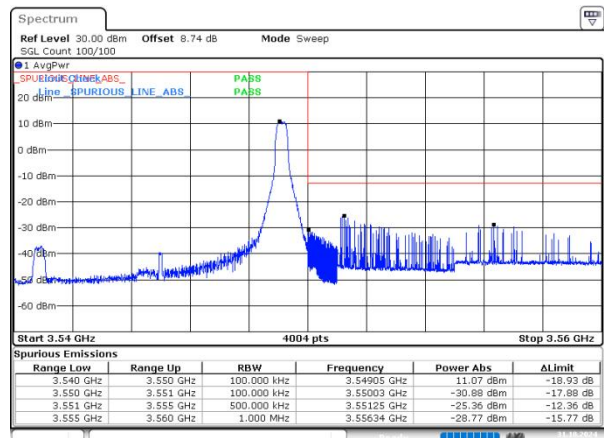
Date: 31.OCT.2024 18:48:29

n77(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=630334 RB=24@0



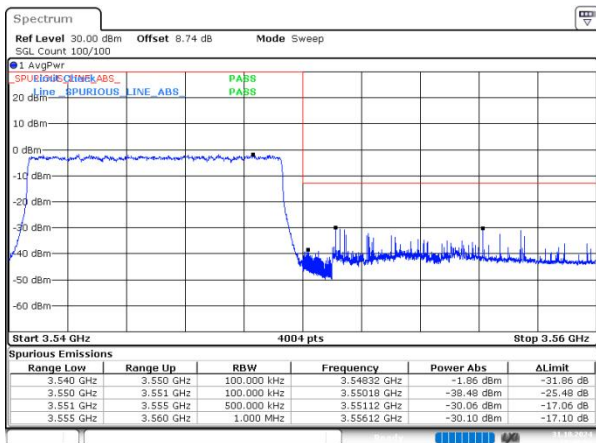
Date: 31.OCT.2024 18:48:56

n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
LowChannel=630334 RB=24@0



Date: 31.OCT.2024 18:49:28

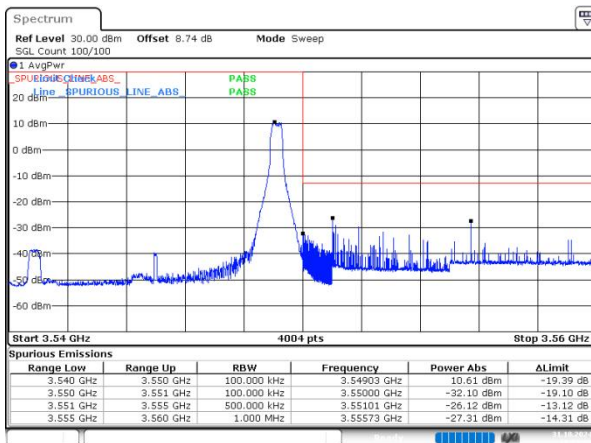
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=636332 RB=1@23



Date: 31.OCT.2024 18:49:54

n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz

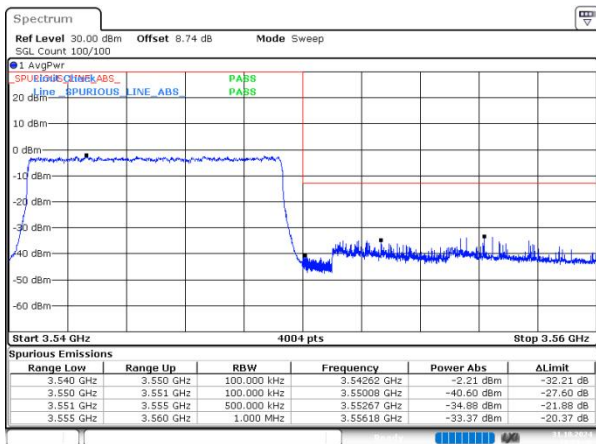
HighChannel=636332 RB=24@0



Date: 31.OCT.2024 18:50:20

n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz

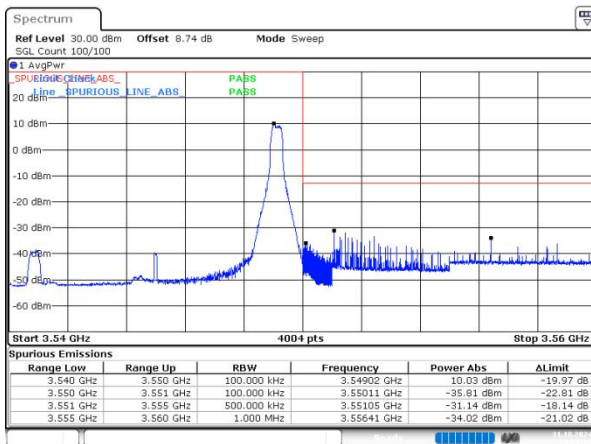
HighChannel=636332 RB=1@23



Date: 31.OCT.2024 18:50:46

n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz

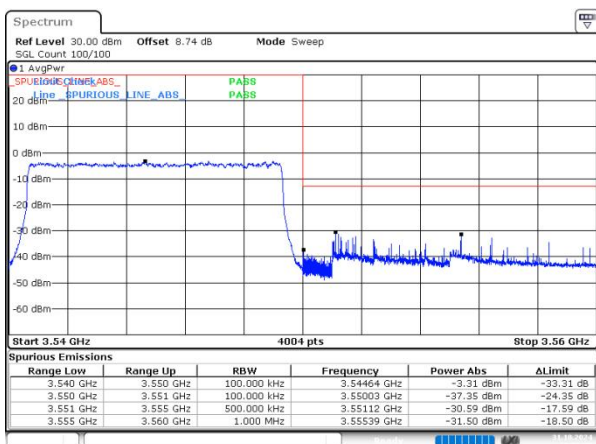
HighChannel=636332 RB=24@0



Date: 31.OCT.2024 18:51:13

n77(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz

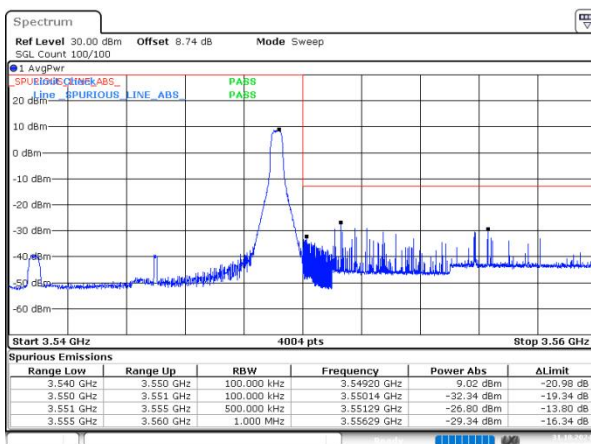
HighChannel=636332 RB=1@23



Date: 31.OCT.2024 18:51:39

n77(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz

HighChannel=636332 RB=24@0



Date: 31.OCT.2024 18:52:05

n77(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz

HighChannel=636332 RB=1@23