

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	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	23.38	-2.5	20.88	122.46	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	23.29	-2.5	20.79	119.95	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	23.31	-2.5	20.81	120.5	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	22.38	-2.5	19.88	97.27	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	23.4	-2.5	20.9	123.03	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	23.27	-2.5	20.77	119.4	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	23.29	-2.5	20.79	119.95	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	21.35	-2.5	18.85	76.74	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	22.41	-2.5	19.91	97.95	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	22.26	-2.5	19.76	94.62	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	22.33	-2.5	19.83	96.16	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.98	-2.5	16.48	44.46	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.98	-2.5	16.48	44.46	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	19.03	-2.5	16.53	44.98	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	21.74	-2.5	19.24	83.95	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	21.79	-2.5	19.29	84.92	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	20.33	-2.5	17.83	60.67	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	21.39	-2.5	18.89	77.45	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	21.3	-2.5	18.8	75.86	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	19.89	-2.5	17.39	54.83	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	19.9	-2.5	17.4	54.95	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	19.71	-2.5	17.21	52.6	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	19.73	-2.5	17.23	52.84	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	16.99	-2.5	14.49	28.12	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	16.99	-2.5	14.49	28.12	1000	PASS

n77(3450-3550)	30	10	630334	1@1	CP_256QAM	17.01	-2.5	14.51	28.25	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	23.37	-2.5	20.87	122.18	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	23.39	-2.5	20.89	122.74	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	23.36	-2.5	20.86	121.9	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	23.36	-2.5	20.86	121.9	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	22.39	-2.5	19.89	97.5	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	22.41	-2.5	19.91	97.95	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	21.03	-2.5	18.53	71.29	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	22.05	-2.5	19.55	90.16	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	21.86	-2.5	19.36	86.3	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	21.5	-2.5	19	79.43	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	19.8	-2.5	17.3	53.7	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	19.82	-2.5	17.32	53.95	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	17.09	-2.5	14.59	28.77	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	17.1	-2.5	14.6	28.84	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	17.13	-2.5	14.63	29.04	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	23.14	-2.5	20.64	115.88	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	23.68	-2.5	21.18	131.22	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	23.6	-2.5	21.1	128.82	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	22.62	-2.5	20.12	102.8	1000	PASS

n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	23.66	-2.5	21.16	130.62	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	23.55	-2.5	21.05	127.35	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	23.46	-2.5	20.96	124.74	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	22.64	-2.5	20.14	103.28	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	22.61	-2.5	20.11	102.57	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	21.16	-2.5	18.66	73.45	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	21.19	-2.5	18.69	73.96	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	21.22	-2.5	18.72	74.47	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	21.15	-2.5	18.65	73.28	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.2	-2.5	16.7	46.77	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	19.29	-2.5	16.79	47.75	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.22	-2.5	16.72	46.99	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	20.61	-2.5	18.11	64.71	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	22.21	-2.5	19.71	93.54	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	22.08	-2.5	19.58	90.78	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	20.6	-2.5	18.1	64.57	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	21.64	-2.5	19.14	82.04	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	21.57	-2.5	19.07	80.72	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	20.1	-2.5	17.6	57.54	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	20.19	-2.5	17.69	58.75	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	20	-2.5	17.5	56.23	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	19.89	-2.5	17.39	54.83	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	17.27	-2.5	14.77	29.99	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	17.29	-2.5	14.79	30.13	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.98	-2.5	20.48	111.69	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	23.32	-2.5	20.82	120.78	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	23.34	-2.5	20.84	121.34	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	22.46	-2.5	19.96	99.08	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	23.26	-2.5	20.76	119.12	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	23.31	-2.5	20.81	120.5	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	22.28	-2.5	19.78	95.06	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	22.34	-2.5	19.84	96.38	1000	PASS

n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.96	-2.5	18.46	70.15	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.89	-2.5	18.39	69.02	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.93	-2.5	18.43	69.66	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	19.06	-2.5	16.56	45.29	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	20.43	-2.5	17.93	62.09	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	21.89	-2.5	19.39	86.9	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	21.76	-2.5	19.26	84.33	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	21.32	-2.5	18.82	76.21	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	21.38	-2.5	18.88	77.27	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	19.88	-2.5	17.38	54.7	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	19.76	-2.5	17.26	53.21	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	17.02	-2.5	14.52	28.31	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	17.09	-2.5	14.59	28.77	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	23.57	-2.5	21.07	127.94	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	23.34	-2.5	20.84	121.34	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	23.41	-2.5	20.91	123.31	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	23.29	-2.5	20.79	119.95	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	23.34	-2.5	20.84	121.34	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	22.53	-2.5	20.03	100.69	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	22.38	-2.5	19.88	97.27	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.98	-2.5	18.48	70.47	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	20.98	-2.5	18.48	70.47	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	19.16	-2.5	16.66	46.34	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	19.09	-2.5	16.59	45.6	1000	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	20.47	-2.5	17.97	62.66	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	21.85	-2.5	19.35	86.1	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	21.37	-2.5	18.87	77.09	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	19.77	-2.5	17.27	53.33	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	19.8	-2.5	17.3	53.7	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	17.18	-2.5	14.68	29.38	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	23.16	-2.5	20.66	116.41	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	23.68	-2.5	21.18	131.22	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	23.63	-2.5	21.13	129.72	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	22.63	-2.5	20.13	103.04	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	23.67	-2.5	21.17	130.92	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	23.55	-2.5	21.05	127.35	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	23.42	-2.5	20.92	123.59	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	22.69	-2.5	20.19	104.47	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	22.63	-2.5	20.13	103.04	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	21.16	-2.5	18.66	73.45	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	21.15	-2.5	18.65	73.28	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	21.23	-2.5	18.73	74.64	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	21.09	-2.5	18.59	72.28	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	19.3	-2.5	16.8	47.86	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	19.32	-2.5	16.82	48.08	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	19.35	-2.5	16.85	48.42	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.23	-2.5	16.73	47.1	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	20.62	-2.5	18.12	64.86	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	22.09	-2.5	19.59	90.99	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	22.09	-2.5	19.59	90.99	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	21.97	-2.5	19.47	88.51	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	20.61	-2.5	18.11	64.71	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	21.64	-2.5	19.14	82.04	1000	PASS

n77(3450-3550)	30	15	636166	1@1	CP_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_64QAM	20.12	-2.5	17.62	57.81	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	20.1	-2.5	17.6	57.54	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	20.07	-2.5	17.57	57.15	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	17.31	-2.5	14.81	30.27	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	17.27	-2.5	14.77	29.99	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	23	-2.5	20.5	112.2	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	23.32	-2.5	20.82	120.78	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	23.41	-2.5	20.91	123.31	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	22.48	-2.5	19.98	99.54	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	23.24	-2.5	20.74	118.58	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	23.32	-2.5	20.82	120.78	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	22.27	-2.5	19.77	94.84	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	22.38	-2.5	19.88	97.27	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.88	-2.5	18.38	68.87	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.97	-2.5	16.47	44.36	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	21.78	-2.5	19.28	84.72	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	20.41	-2.5	17.91	61.8	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	21.52	-2.5	19.02	79.8	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	21.28	-2.5	18.78	75.51	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	21.37	-2.5	18.87	77.09	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	19.71	-2.5	17.21	52.6	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	19.78	-2.5	17.28	53.46	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS

n77(3450-3550)	30	20	630668	25@12	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	17.04	-2.5	14.54	28.44	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	17.1	-2.5	14.6	28.84	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	23.54	-2.5	21.04	127.06	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	23.3	-2.5	20.8	120.23	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	23.31	-2.5	20.81	120.5	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	22.48	-2.5	19.98	99.54	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	23.27	-2.5	20.77	119.4	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	23.29	-2.5	20.79	119.95	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	22.53	-2.5	20.03	100.69	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	22.31	-2.5	19.81	95.72	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	22.34	-2.5	19.84	96.38	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	19.03	-2.5	16.53	44.98	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	19.04	-2.5	16.54	45.08	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	22.01	-2.5	19.51	89.33	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	21.82	-2.5	19.32	85.51	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	20.01	-2.5	17.51	56.36	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	19.73	-2.5	17.23	52.84	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	17.09	-2.5	14.59	28.77	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	17.04	-2.5	14.54	28.44	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	17.05	-2.5	14.55	28.51	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	23.18	-2.5	20.68	116.95	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	23.71	-2.5	21.21	132.13	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	23.6	-2.5	21.1	128.82	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	23.38	-2.5	20.88	122.46	1000	PASS

n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	22.68	-2.5	20.18	104.23	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	23.69	-2.5	21.19	131.52	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	23.38	-2.5	20.88	122.46	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	21.66	-2.5	19.16	82.41	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	22.67	-2.5	20.17	103.99	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	22.35	-2.5	19.85	96.61	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	21.14	-2.5	18.64	73.11	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	21.14	-2.5	18.64	73.11	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	21.21	-2.5	18.71	74.3	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	21.07	-2.5	18.57	71.94	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	19.28	-2.5	16.78	47.64	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	19.31	-2.5	16.81	47.97	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	19.29	-2.5	16.79	47.75	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	20.61	-2.5	18.11	64.71	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	22.2	-2.5	19.7	93.33	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	22.01	-2.5	19.51	89.33	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	20.6	-2.5	18.1	64.57	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	21.72	-2.5	19.22	83.56	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	21.57	-2.5	19.07	80.72	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	20.08	-2.5	17.58	57.28	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	20.18	-2.5	17.68	58.61	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	19.76	-2.5	17.26	53.21	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	17.34	-2.5	14.84	30.48	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	17.25	-2.5	14.75	29.85	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	17.29	-2.5	14.79	30.13	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	23.47	-2.5	20.97	125.03	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.92	-2.5	20.42	110.15	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	22.39	-2.5	19.89	97.5	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	21.32	-2.5	18.82	76.21	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.84	-2.5	19.34	85.9	1000	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.8	-2.5	19.3	85.11	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.63	-2.5	18.13	65.01	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.58	-2.5	18.08	64.27	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	19.1	-2.5	16.6	45.71	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.21	-2.5	15.71	37.24	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.37	-2.5	15.87	38.64	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	20.29	-2.5	17.79	60.12	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	21.51	-2.5	19.01	79.62	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	20.89	-2.5	18.39	69.02	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	20.9	-2.5	18.4	69.18	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	19.83	-2.5	17.33	54.08	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	19.32	-2.5	16.82	48.08	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	17.09	-2.5	14.59	28.77	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	23.5	-2.5	21	125.89	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.99	-2.5	20.49	111.94	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	22.36	-2.5	19.86	96.83	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.94	-2.5	20.44	110.66	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	21.32	-2.5	18.82	76.21	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	22.48	-2.5	19.98	99.54	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.91	-2.5	19.41	87.3	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	20.63	-2.5	18.13	65.01	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	20.55	-2.5	18.05	63.83	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.96	-2.5	16.46	44.26	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	19.1	-2.5	16.6	45.71	1000	PASS

n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.21	-2.5	15.71	37.24	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	20.32	-2.5	17.82	60.53	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	21.95	-2.5	19.45	88.1	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	21.5	-2.5	19	79.43	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	20.29	-2.5	17.79	60.12	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	21.42	-2.5	18.92	77.98	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	21.03	-2.5	18.53	71.29	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	19.84	-2.5	17.34	54.2	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	19.31	-2.5	16.81	47.97	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	17.04	-2.5	14.54	28.44	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	16.8	-2.5	14.3	26.92	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	16.36	-2.5	13.86	24.32	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.89	-2.5	20.39	109.4	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	23.05	-2.5	20.55	113.5	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.84	-2.5	20.34	108.14	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	22.39	-2.5	19.89	97.5	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	23.46	-2.5	20.96	124.74	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.79	-2.5	20.29	106.91	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	21.37	-2.5	18.87	77.09	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.96	-2.5	19.46	88.31	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.75	-2.5	19.25	84.14	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.88	-2.5	18.38	68.87	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.69	-2.5	18.19	65.92	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	20.48	-2.5	17.98	62.81	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	19.6	-2.5	17.1	51.29	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	19.1	-2.5	16.6	45.71	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.74	-2.5	16.24	42.07	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	21.55	-2.5	19.05	80.35	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	20.32	-2.5	17.82	60.53	1000	PASS

n77(3450-3550)	30	40	635332	53@26	CP_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	21.06	-2.5	18.56	71.78	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	19.87	-2.5	17.37	54.58	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	19.5	-2.5	17	50.12	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	19.27	-2.5	16.77	47.53	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	17.3	-2.5	14.8	30.2	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	17.05	-2.5	14.55	28.51	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	17.1	-2.5	14.6	28.84	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	16.6	-2.5	14.1	25.7	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	23.45	-2.5	20.95	124.45	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	23.24	-2.5	20.74	118.58	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	23.21	-2.5	20.71	117.76	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	23.42	-2.5	20.92	123.59	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	23.14	-2.5	20.64	115.88	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	23.15	-2.5	20.65	116.14	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	21.35	-2.5	18.85	76.74	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	22.44	-2.5	19.94	98.63	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	22.08	-2.5	19.58	90.78	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	22.11	-2.5	19.61	91.41	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.84	-2.5	18.34	68.23	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.84	-2.5	18.34	68.23	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.96	-2.5	16.46	44.26	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	19.05	-2.5	16.55	45.19	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.63	-2.5	16.13	41.02	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	18.93	-2.5	16.43	43.95	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	21.89	-2.5	19.39	86.9	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	21.67	-2.5	19.17	82.6	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	21.66	-2.5	19.16	82.41	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	20.37	-2.5	17.87	61.24	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	21.15	-2.5	18.65	73.28	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	21.17	-2.5	18.67	73.62	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	19.85	-2.5	17.35	54.33	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS

n77(3450-3550)	30	50	631668	133@0	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	17.03	-2.5	14.53	28.38	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	16.86	-2.5	14.36	27.29	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	16.94	-2.5	14.44	27.8	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.97	-2.5	20.47	111.43	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	23.33	-2.5	20.83	121.06	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	23.26	-2.5	20.76	119.12	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	22.46	-2.5	19.96	99.08	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	23.27	-2.5	20.77	119.4	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	23.2	-2.5	20.7	117.49	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	22.52	-2.5	20.02	100.46	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	22.21	-2.5	19.71	93.54	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	22.13	-2.5	19.63	91.83	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	20.96	-2.5	18.46	70.15	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	20.87	-2.5	18.37	68.71	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	19.09	-2.5	16.59	45.6	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	19.32	-2.5	16.82	48.08	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	20.44	-2.5	17.94	62.23	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	21.98	-2.5	19.48	88.72	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	21.7	-2.5	19.2	83.18	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	21.51	-2.5	19.01	79.62	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	21.35	-2.5	18.85	76.74	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	21.22	-2.5	18.72	74.47	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	19.89	-2.5	17.39	54.83	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	19.58	-2.5	17.08	51.05	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	17.09	-2.5	14.59	28.77	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	16.69	-2.5	14.19	26.24	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	16.97	-2.5	14.47	27.99	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	22.94	-2.5	20.44	110.66	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	23.5	-2.5	21	125.89	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	23.36	-2.5	20.86	121.9	1000	PASS

n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	23.16	-2.5	20.66	116.41	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	22.44	-2.5	19.94	98.63	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	23.5	-2.5	21	125.89	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	23.3	-2.5	20.8	120.23	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	23.1	-2.5	20.6	114.82	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	21.39	-2.5	18.89	77.45	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	22.26	-2.5	19.76	94.62	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	22.11	-2.5	19.61	91.41	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	20.87	-2.5	18.37	68.71	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.57	-2.5	16.07	40.46	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.71	-2.5	16.21	41.78	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	20.43	-2.5	17.93	62.09	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	21.89	-2.5	19.39	86.9	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	21.74	-2.5	19.24	83.95	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	20.43	-2.5	17.93	62.09	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	21.28	-2.5	18.78	75.51	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	21.13	-2.5	18.63	72.95	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	19.95	-2.5	17.45	55.59	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	17.26	-2.5	14.76	29.92	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	16.91	-2.5	14.41	27.61	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	23.1	-2.5	20.6	114.82	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	23.1	-2.5	20.6	114.82	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	22.39	-2.5	19.89	97.5	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	23.45	-2.5	20.95	124.45	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	23.03	-2.5	20.53	112.98	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	23.05	-2.5	20.55	113.5	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	21.37	-2.5	18.87	77.09	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	22.43	-2.5	19.93	98.4	1000	PASS

n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.96	-2.5	19.46	88.31	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	22.02	-2.5	19.52	89.54	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.87	-2.5	18.37	68.71	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.72	-2.5	18.22	66.37	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.71	-2.5	18.21	66.22	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	19	-2.5	16.5	44.67	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	19.1	-2.5	16.6	45.71	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.76	-2.5	16.26	42.27	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.84	-2.5	16.34	43.05	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	20.31	-2.5	17.81	60.39	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	21.93	-2.5	19.43	87.7	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	21.56	-2.5	19.06	80.54	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	21.57	-2.5	19.07	80.72	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	21.06	-2.5	18.56	71.78	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	21.09	-2.5	18.59	72.28	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	19.81	-2.5	17.31	53.83	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	19.88	-2.5	17.38	54.7	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	19.66	-2.5	17.16	52	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	16.69	-2.5	14.19	26.24	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	16.86	-2.5	14.36	27.29	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	16.83	-2.5	14.33	27.1	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.94	-2.5	20.44	110.66	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	23.19	-2.5	20.69	117.22	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	23.1	-2.5	20.6	114.82	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	23.11	-2.5	20.61	115.08	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	23.05	-2.5	20.55	113.5	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	21.42	-2.5	18.92	77.98	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	22.48	-2.5	19.98	99.54	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	22.06	-2.5	19.56	90.36	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.93	-2.5	19.43	87.7	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.83	-2.5	18.33	68.08	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	20.72	-2.5	18.22	66.37	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	19.05	-2.5	16.55	45.19	1000	PASS

n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	18.95	-2.5	16.45	44.16	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	18.1	-2.5	15.6	36.31	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	20.35	-2.5	17.85	60.95	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	21.97	-2.5	19.47	88.51	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	21.67	-2.5	19.17	82.6	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	21.59	-2.5	19.09	81.1	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	21.19	-2.5	18.69	73.96	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	21.11	-2.5	18.61	72.61	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	19.87	-2.5	17.37	54.58	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	19.95	-2.5	17.45	55.59	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	19.54	-2.5	17.04	50.58	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	19.43	-2.5	16.93	49.32	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	17.1	-2.5	14.6	28.84	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	16.9	-2.5	14.4	27.54	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	23.56	-2.5	21.06	127.64	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	23.24	-2.5	20.74	118.58	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	23.54	-2.5	21.04	127.06	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	23.17	-2.5	20.67	116.68	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	22.55	-2.5	20.05	101.16	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	22.14	-2.5	19.64	92.04	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.93	-2.5	18.43	69.66	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	20.73	-2.5	18.23	66.53	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	19.16	-2.5	16.66	46.34	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.8	-2.5	16.3	42.66	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	18.25	-2.5	15.75	37.58	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	21.72	-2.5	19.22	83.56	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	21.49	-2.5	18.99	79.25	1000	PASS

n77(3450-3550)	30	60	634666	162@0	CP_16QAM	20.4	-2.5	17.9	61.66	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	21.23	-2.5	18.73	74.64	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	19.55	-2.5	17.05	50.7	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	19.36	-2.5	16.86	48.53	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	16.78	-2.5	14.28	26.79	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	23.47	-2.5	20.97	125.03	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	22.35	-2.5	19.85	96.61	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	23.43	-2.5	20.93	123.88	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	22.4	-2.5	19.9	97.72	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.8	-2.5	19.3	85.11	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.82	-2.5	18.32	67.92	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	20.57	-2.5	18.07	64.12	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	20.56	-2.5	18.06	63.97	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	19	-2.5	16.5	44.67	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.72	-2.5	16.22	41.88	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.96	-2.5	16.46	44.26	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	21.97	-2.5	19.47	88.51	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	21.38	-2.5	18.88	77.27	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	20.35	-2.5	17.85	60.95	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	19.82	-2.5	17.32	53.95	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	19.28	-2.5	16.78	47.64	1000	PASS

n77(3450-3550)	30	70	632334	1@187	CP_64QAM	19.26	-2.5	16.76	47.42	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	17.54	-2.5	15.04	31.92	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	17.1	-2.5	14.6	28.84	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	17.23	-2.5	14.73	29.72	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	16.72	-2.5	14.22	26.42	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	23.53	-2.5	21.03	126.77	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	23.06	-2.5	20.56	113.76	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.95	-2.5	20.45	110.92	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	22.44	-2.5	19.94	98.63	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	23.05	-2.5	20.55	113.5	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.96	-2.5	20.46	111.17	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.86	-2.5	19.36	86.3	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.88	-2.5	18.38	68.87	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.7	-2.5	18.2	66.07	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	20.58	-2.5	18.08	64.27	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	18.74	-2.5	16.24	42.07	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	20.38	-2.5	17.88	61.38	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	22	-2.5	19.5	89.13	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	21.56	-2.5	19.06	80.54	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	21.07	-2.5	18.57	71.94	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	20.98	-2.5	18.48	70.47	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	19.84	-2.5	17.34	54.2	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	19.39	-2.5	16.89	48.87	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	19.26	-2.5	16.76	47.42	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	16.67	-2.5	14.17	26.12	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	23.65	-2.5	21.15	130.32	1000	PASS

n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	23.21	-2.5	20.71	117.76	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	22.52	-2.5	20.02	100.46	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	23.62	-2.5	21.12	129.42	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	23.14	-2.5	20.64	115.88	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	22.63	-2.5	20.13	103.04	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	21.69	-2.5	19.19	82.99	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	21.1	-2.5	18.6	72.44	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	20.78	-2.5	18.28	67.3	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	20.51	-2.5	18.01	63.24	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	19.28	-2.5	16.78	47.64	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	22.1	-2.5	19.6	91.2	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	21.63	-2.5	19.13	81.85	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	21.38	-2.5	18.88	77.27	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	20.45	-2.5	17.95	62.37	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	21.6	-2.5	19.1	81.28	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	21.19	-2.5	18.69	73.96	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	20.07	-2.5	17.57	57.15	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	19.49	-2.5	16.99	50	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	19.2	-2.5	16.7	46.77	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	17.13	-2.5	14.63	29.04	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	16.36	-2.5	13.86	24.32	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	16.97	-2.5	14.47	27.99	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.89	-2.5	20.39	109.4	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.83	-2.5	20.33	107.89	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	22.39	-2.5	19.89	97.5	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.83	-2.5	20.33	107.89	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.8	-2.5	20.3	107.15	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	21.37	-2.5	18.87	77.09	1000	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.7	-2.5	19.2	83.18	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	20.5	-2.5	18	63.1	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	20.44	-2.5	17.94	62.23	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	19.06	-2.5	16.56	45.29	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.73	-2.5	16.23	41.98	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	20.36	-2.5	17.86	61.09	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	21.28	-2.5	18.78	75.51	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	20.31	-2.5	17.81	60.39	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	21.5	-2.5	19	79.43	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	20.95	-2.5	18.45	69.98	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	19.87	-2.5	17.37	54.58	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	20	-2.5	17.5	56.23	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	19.24	-2.5	16.74	47.21	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	19.15	-2.5	16.65	46.24	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	17.1	-2.5	14.6	28.84	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	16.63	-2.5	14.13	25.88	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.88	-2.5	20.38	109.14	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	23.48	-2.5	20.98	125.31	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.92	-2.5	20.42	110.15	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.78	-2.5	20.28	106.66	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	22.37	-2.5	19.87	97.05	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	23.49	-2.5	20.99	125.6	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.87	-2.5	20.37	108.89	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.79	-2.5	20.29	106.91	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	22.47	-2.5	19.97	99.31	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.77	-2.5	19.27	84.53	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.65	-2.5	19.15	82.22	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	20.86	-2.5	18.36	68.55	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	21.02	-2.5	18.52	71.12	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	20.53	-2.5	18.03	63.53	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	20.41	-2.5	17.91	61.8	1000	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	19.09	-2.5	16.59	45.6	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	18.74	-2.5	16.24	42.07	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	18.55	-2.5	16.05	40.27	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	21.43	-2.5	18.93	78.16	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	21.3	-2.5	18.8	75.86	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	20.3	-2.5	17.8	60.26	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	20.82	-2.5	18.32	67.92	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	19.81	-2.5	17.31	53.83	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	19.96	-2.5	17.46	55.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	19.25	-2.5	16.75	47.32	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	19.1	-2.5	16.6	45.71	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	16.85	-2.5	14.35	27.23	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	17.05	-2.5	14.55	28.51	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	22.85	-2.5	20.35	108.39	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.66	-2.5	20.16	103.75	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	22.34	-2.5	19.84	96.38	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.9	-2.5	20.4	109.65	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.65	-2.5	20.15	103.51	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	21.33	-2.5	18.83	76.38	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.78	-2.5	19.28	84.72	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	21.54	-2.5	19.04	80.17	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	21	-2.5	18.5	70.79	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	20.58	-2.5	18.08	64.27	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	20.3	-2.5	17.8	60.26	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.68	-2.5	16.18	41.5	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	18.48	-2.5	15.98	39.63	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	20.29	-2.5	17.79	60.12	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	21.42	-2.5	18.92	77.98	1000	PASS

n77(3450-3550)	30	80	634000	1@215	CP_QPSK	21.14	-2.5	18.64	73.11	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	20.25	-2.5	17.75	59.57	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	20.75	-2.5	18.25	66.83	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	19.78	-2.5	17.28	53.46	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	19.95	-2.5	17.45	55.59	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	19.24	-2.5	16.74	47.21	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	16.35	-2.5	13.85	24.27	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	16.93	-2.5	14.43	27.73	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	17.03	-2.5	14.53	28.38	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	16.72	-2.5	14.22	26.42	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	16.85	-2.5	14.35	27.23	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.75	-2.5	20.25	105.93	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	23.47	-2.5	20.97	125.03	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.63	-2.5	20.13	103.04	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.58	-2.5	20.08	101.86	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	22.24	-2.5	19.74	94.19	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	23.44	-2.5	20.94	124.17	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.59	-2.5	20.09	102.09	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.5	-2.5	20	100	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	21.25	-2.5	18.75	74.99	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	22.42	-2.5	19.92	98.17	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	21.52	-2.5	19.02	79.8	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	21.48	-2.5	18.98	79.07	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.76	-2.5	18.26	66.99	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	20.92	-2.5	18.42	69.5	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	20.28	-2.5	17.78	59.98	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	20.22	-2.5	17.72	59.16	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	18.43	-2.5	15.93	39.17	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	20.2	-2.5	17.7	58.88	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	21.94	-2.5	19.44	87.9	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	21.12	-2.5	18.62	72.78	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	21.04	-2.5	18.54	71.45	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	20.23	-2.5	17.73	59.29	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	21.44	-2.5	18.94	78.34	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	20.68	-2.5	18.18	65.77	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	19.88	-2.5	17.38	54.7	1000	PASS

n77(3450-3550)	30	90	633000	1@1	CP_64QAM	19.04	-2.5	16.54	45.08	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	19.35	-2.5	16.85	48.42	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	16.92	-2.5	14.42	27.67	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	16.2	-2.5	13.7	23.44	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	16.54	-2.5	14.04	25.35	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.82	-2.5	20.32	107.65	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	23.47	-2.5	20.97	125.03	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.7	-2.5	20.2	104.71	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.55	-2.5	20.05	101.16	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	22.28	-2.5	19.78	95.06	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.66	-2.5	20.16	103.75	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.54	-2.5	20.04	100.93	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	21.31	-2.5	18.81	76.03	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.54	-2.5	19.04	80.17	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	21.44	-2.5	18.94	78.34	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	20.34	-2.5	17.84	60.81	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	20.21	-2.5	17.71	59.02	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	19.32	-2.5	16.82	48.08	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	18.54	-2.5	16.04	40.18	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	18.47	-2.5	15.97	39.54	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	20.24	-2.5	17.74	59.43	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	21.97	-2.5	19.47	88.51	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	21.22	-2.5	18.72	74.47	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	21.04	-2.5	18.54	71.45	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	20.3	-2.5	17.8	60.26	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	20.72	-2.5	18.22	66.37	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	20.6	-2.5	18.1	64.57	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	19.75	-2.5	17.25	53.09	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	19.09	-2.5	16.59	45.6	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	19.36	-2.5	16.86	48.53	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	16.92	-2.5	14.42	27.67	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	16.35	-2.5	13.85	24.27	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	16.57	-2.5	14.07	25.53	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	22.87	-2.5	20.37	108.89	1000	PASS

n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	23.52	-2.5	21.02	126.47	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.81	-2.5	20.31	107.4	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.55	-2.5	20.05	101.16	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	22.35	-2.5	19.85	96.61	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	23.56	-2.5	21.06	127.64	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.75	-2.5	20.25	105.93	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	22.49	-2.5	19.99	99.77	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.66	-2.5	19.16	82.41	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	20.46	-2.5	17.96	62.52	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	20.17	-2.5	17.67	58.48	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	19.01	-2.5	16.51	44.77	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	19.15	-2.5	16.65	46.24	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	18.39	-2.5	15.89	38.82	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	20.31	-2.5	17.81	60.39	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	22	-2.5	19.5	89.13	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	21.26	-2.5	18.76	75.16	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	21.05	-2.5	18.55	71.61	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	20.32	-2.5	17.82	60.53	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	21.5	-2.5	19	79.43	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	20.81	-2.5	18.31	67.76	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	20.59	-2.5	18.09	64.42	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	19.79	-2.5	17.29	53.58	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	19.14	-2.5	16.64	46.13	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	19.13	-2.5	16.63	46.03	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	16.96	-2.5	14.46	27.93	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	16.87	-2.5	14.37	27.35	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	16.67	-2.5	14.17	26.12	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.73	-2.5	20.23	105.44	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	23.51	-2.5	21.01	126.18	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.6	-2.5	20.1	102.33	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.31	-2.5	19.81	95.72	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	22.29	-2.5	19.79	95.28	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	23.47	-2.5	20.97	125.03	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.51	-2.5	20.01	100.23	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.31	-2.5	19.81	95.72	1000	PASS

n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	21.23	-2.5	18.73	74.64	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	22.46	-2.5	19.96	99.08	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	21.18	-2.5	18.68	73.79	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.72	-2.5	18.22	66.37	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	20.21	-2.5	17.71	59.02	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	19.21	-2.5	16.71	46.88	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	18.35	-2.5	15.85	38.46	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	18.25	-2.5	15.75	37.58	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	20.2	-2.5	17.7	58.88	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	21.92	-2.5	19.42	87.5	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	21.04	-2.5	18.54	71.45	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	20.79	-2.5	18.29	67.45	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	20.19	-2.5	17.69	58.75	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	20.53	-2.5	18.03	63.53	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	20.31	-2.5	17.81	60.39	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	19.74	-2.5	17.24	52.97	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	18.26	-2.5	15.76	37.67	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	18.69	-2.5	16.19	41.59	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	16.45	-2.5	13.95	24.83	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	16.24	-2.5	13.74	23.66	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	22.96	-2.5	20.46	111.17	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	23.49	-2.5	20.99	125.6	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	23.4	-2.5	20.9	123.03	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	23.4	-2.5	20.9	123.03	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	22.49	-2.5	19.99	99.77	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	23.47	-2.5	20.97	125.03	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	23.38	-2.5	20.88	122.46	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	23.39	-2.5	20.89	122.74	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	22.5	-2.5	20	100	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	22.38	-2.5	19.88	97.27	1000	PASS

n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	22.44	-2.5	19.94	98.63	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.98	-2.5	18.48	70.47	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	20.46	-2.5	17.96	62.52	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	21.85	-2.5	19.35	86.1	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	21.86	-2.5	19.36	86.3	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	20.42	-2.5	17.92	61.94	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	21.48	-2.5	18.98	79.07	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	19.95	-2.5	17.45	55.59	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	19.8	-2.5	17.3	53.7	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	19.82	-2.5	17.32	53.95	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	17.02	-2.5	14.52	28.31	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	17.05	-2.5	14.55	28.51	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	17.13	-2.5	14.63	29.04	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	17.18	-2.5	14.68	29.38	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	23.08	-2.5	20.58	114.29	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	23.57	-2.5	21.07	127.94	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	23.45	-2.5	20.95	124.45	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	23.49	-2.5	20.99	125.6	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	22.55	-2.5	20.05	101.16	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	23.55	-2.5	21.05	127.35	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	23.52	-2.5	21.02	126.47	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	22.64	-2.5	20.14	103.28	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	22.24	-2.5	19.74	94.19	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	22.33	-2.5	19.83	96.16	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	21.07	-2.5	18.57	71.94	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	21.02	-2.5	18.52	71.12	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.86	-2.5	18.36	68.55	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	20.92	-2.5	18.42	69.5	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	19.19	-2.5	16.69	46.67	1000	PASS

n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	20.48	-2.5	17.98	62.81	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	22.07	-2.5	19.57	90.57	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	22.11	-2.5	19.61	91.41	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	22.24	-2.5	19.74	94.19	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	20.53	-2.5	18.03	63.53	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	20.11	-2.5	17.61	57.68	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	17.08	-2.5	14.58	28.71	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	17.28	-2.5	14.78	30.06	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	17.31	-2.5	14.81	30.27	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	23.26	-2.5	20.76	119.12	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	23.73	-2.5	21.23	132.74	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	23.74	-2.5	21.24	133.05	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	23.6	-2.5	21.1	128.82	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	22.74	-2.5	20.24	105.68	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	23.74	-2.5	21.24	133.05	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	23.78	-2.5	21.28	134.28	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	23.66	-2.5	21.16	130.62	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	21.72	-2.5	19.22	83.56	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	22.84	-2.5	20.34	108.14	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	22.56	-2.5	20.06	101.39	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	22.43	-2.5	19.93	98.4	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	21.21	-2.5	18.71	74.3	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	21.24	-2.5	18.74	74.82	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	21.1	-2.5	18.6	72.44	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.39	-2.5	16.89	48.87	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	19.35	-2.5	16.85	48.42	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	20.73	-2.5	18.23	66.53	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	22.25	-2.5	19.75	94.41	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	22.34	-2.5	19.84	96.38	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	22.31	-2.5	19.81	95.72	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	20.75	-2.5	18.25	66.83	1000	PASS

n78(3450-3550)	30	10	636332	12@6	CP_16QAM	21.84	-2.5	19.34	85.9	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	21.66	-2.5	19.16	82.41	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	20.22	-2.5	17.72	59.16	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	20.24	-2.5	17.74	59.43	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	20.18	-2.5	17.68	58.61	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	17.33	-2.5	14.83	30.41	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	17.34	-2.5	14.84	30.48	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	17.32	-2.5	14.82	30.34	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	17.29	-2.5	14.79	30.13	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	23.06	-2.5	20.56	113.76	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	23.59	-2.5	21.09	128.53	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	23.41	-2.5	20.91	123.31	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	23.45	-2.5	20.95	124.45	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	23.56	-2.5	21.06	127.64	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	23.43	-2.5	20.93	123.88	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	23.49	-2.5	20.99	125.6	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	22.21	-2.5	19.71	93.54	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	22.24	-2.5	19.74	94.19	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	21.07	-2.5	18.57	71.94	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	19.27	-2.5	16.77	47.53	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	19.05	-2.5	16.55	45.19	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	20.5	-2.5	18	63.1	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	22.07	-2.5	19.57	90.57	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	22.08	-2.5	19.58	90.78	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	22.11	-2.5	19.61	91.41	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	20.51	-2.5	18.01	63.24	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	21.39	-2.5	18.89	77.45	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	20.01	-2.5	17.51	56.36	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	20.08	-2.5	17.58	57.28	1000	PASS

n78(3450-3550)	30	15	630500	38@0	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	17.17	-2.5	14.67	29.31	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	17.24	-2.5	14.74	29.79	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	23.09	-2.5	20.59	114.55	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	23.57	-2.5	21.07	127.94	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	23.48	-2.5	20.98	125.31	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	23.49	-2.5	20.99	125.6	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	22.57	-2.5	20.07	101.62	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	23.5	-2.5	21	125.89	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	23.53	-2.5	21.03	126.77	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	21.6	-2.5	19.1	81.28	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	22.56	-2.5	20.06	101.39	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	22.21	-2.5	19.71	93.54	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	22.29	-2.5	19.79	95.28	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	21.13	-2.5	18.63	72.95	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	21.09	-2.5	18.59	72.28	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	20.87	-2.5	18.37	68.71	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	19.29	-2.5	16.79	47.75	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	19.15	-2.5	16.65	46.24	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	20.53	-2.5	18.03	63.53	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	22.13	-2.5	19.63	91.83	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	22.11	-2.5	19.61	91.41	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	22.18	-2.5	19.68	92.9	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	20.56	-2.5	18.06	63.97	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	21.51	-2.5	19.01	79.62	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	20.06	-2.5	17.56	57.02	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	20.13	-2.5	17.63	57.94	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	20.13	-2.5	17.63	57.94	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	17.19	-2.5	14.69	29.44	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	17.27	-2.5	14.77	29.99	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	17.31	-2.5	14.81	30.27	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	23.28	-2.5	20.78	119.67	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	23.84	-2.5	21.34	136.14	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	23.76	-2.5	21.26	133.66	1000	PASS

n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	23.61	-2.5	21.11	129.12	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	22.83	-2.5	20.33	107.89	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	23.8	-2.5	21.3	134.9	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	23.78	-2.5	21.28	134.28	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	23.63	-2.5	21.13	129.72	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	21.81	-2.5	19.31	85.31	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	22.79	-2.5	20.29	106.91	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	22.54	-2.5	20.04	100.93	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	22.37	-2.5	19.87	97.05	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	21.3	-2.5	18.8	75.86	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	21.33	-2.5	18.83	76.38	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	21.11	-2.5	18.61	72.61	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	19.39	-2.5	16.89	48.87	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	19.5	-2.5	17	50.12	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	19.39	-2.5	16.89	48.87	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.22	-2.5	16.72	46.99	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	20.76	-2.5	18.26	66.99	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	22.33	-2.5	19.83	96.16	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	22.42	-2.5	19.92	98.17	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	22.25	-2.5	19.75	94.41	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	20.79	-2.5	18.29	67.45	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	21.83	-2.5	19.33	85.7	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	20.26	-2.5	17.76	59.7	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	20.26	-2.5	17.76	59.7	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	20.23	-2.5	17.73	59.29	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	17.44	-2.5	14.94	31.19	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	17.41	-2.5	14.91	30.97	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	17.53	-2.5	15.03	31.84	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	17.38	-2.5	14.88	30.76	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	23.07	-2.5	20.57	114.02	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	23.59	-2.5	21.09	128.53	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	23.38	-2.5	20.88	122.46	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	23.46	-2.5	20.96	124.74	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	22.55	-2.5	20.05	101.16	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	23.41	-2.5	20.91	123.31	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	21.52	-2.5	19.02	79.8	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	22.54	-2.5	20.04	100.93	1000	PASS

n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	22.19	-2.5	19.69	93.11	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	22.27	-2.5	19.77	94.84	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	21.1	-2.5	18.6	72.44	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	20.87	-2.5	18.37	68.71	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	19.15	-2.5	16.65	46.24	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.95	-2.5	16.45	44.16	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	18.99	-2.5	16.49	44.57	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	20.53	-2.5	18.03	63.53	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	22.07	-2.5	19.57	90.57	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	22.06	-2.5	19.56	90.36	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	22.09	-2.5	19.59	90.99	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	20.54	-2.5	18.04	63.68	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	21.58	-2.5	19.08	80.91	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	17.13	-2.5	14.63	29.04	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	16.97	-2.5	14.47	27.99	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	23.07	-2.5	20.57	114.02	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	23.6	-2.5	21.1	128.82	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	23.35	-2.5	20.85	121.62	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	23.45	-2.5	20.95	124.45	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	22.58	-2.5	20.08	101.86	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	23.4	-2.5	20.9	123.03	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	23.48	-2.5	20.98	125.31	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	22.55	-2.5	20.05	101.16	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	22.2	-2.5	19.7	93.33	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	22.25	-2.5	19.75	94.41	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	21.1	-2.5	18.6	72.44	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.75	-2.5	18.25	66.83	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	20.81	-2.5	18.31	67.76	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS

n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	19.03	-2.5	16.53	44.98	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	19.11	-2.5	16.61	45.81	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	20.53	-2.5	18.03	63.53	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	22.11	-2.5	19.61	91.41	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	22.05	-2.5	19.55	90.16	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	20.55	-2.5	18.05	63.83	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	21.6	-2.5	19.1	81.28	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	21.35	-2.5	18.85	76.74	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	21.37	-2.5	18.87	77.09	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	20.06	-2.5	17.56	57.02	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	20.05	-2.5	17.55	56.89	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	17.17	-2.5	14.67	29.31	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	17.17	-2.5	14.67	29.31	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	17.17	-2.5	14.67	29.31	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	23.31	-2.5	20.81	120.5	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	23.82	-2.5	21.32	135.52	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	23.72	-2.5	21.22	132.43	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	23.5	-2.5	21	125.89	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	22.79	-2.5	20.29	106.91	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	23.83	-2.5	21.33	135.83	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	23.72	-2.5	21.22	132.43	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	23.55	-2.5	21.05	127.35	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	21.73	-2.5	19.23	83.75	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	22.78	-2.5	20.28	106.66	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	22.26	-2.5	19.76	94.62	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	21.26	-2.5	18.76	75.16	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	21.33	-2.5	18.83	76.38	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	21.11	-2.5	18.61	72.61	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	20.88	-2.5	18.38	68.87	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	19.38	-2.5	16.88	48.75	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	19.41	-2.5	16.91	49.09	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	19.37	-2.5	16.87	48.64	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	20.72	-2.5	18.22	66.37	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	22.36	-2.5	19.86	96.83	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	22.45	-2.5	19.95	98.86	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	22.23	-2.5	19.73	93.97	1000	PASS

n78(3450-3550)	30	20	636000	51@0	CP_16QAM	20.74	-2.5	18.24	66.68	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	21.84	-2.5	19.34	85.9	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	21.68	-2.5	19.18	82.79	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	21.51	-2.5	19.01	79.62	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	20.24	-2.5	17.74	59.43	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	20.3	-2.5	17.8	60.26	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	17.26	-2.5	14.76	29.92	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	17.39	-2.5	14.89	30.83	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	17.31	-2.5	14.81	30.27	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	23.62	-2.5	21.12	129.42	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	23.06	-2.5	20.56	113.76	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	22.41	-2.5	19.91	97.95	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	23.1	-2.5	20.6	114.82	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	23.01	-2.5	20.51	112.46	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	21.4	-2.5	18.9	77.62	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	22.57	-2.5	20.07	101.62	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.75	-2.5	19.25	84.14	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.69	-2.5	19.19	82.99	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.91	-2.5	18.41	69.34	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.31	-2.5	17.81	60.39	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	19.04	-2.5	16.54	45.08	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	19.19	-2.5	16.69	46.67	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.73	-2.5	16.23	41.98	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.23	-2.5	15.73	37.41	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	22.04	-2.5	19.54	89.95	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	21.48	-2.5	18.98	79.07	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	20.42	-2.5	17.92	61.94	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	19.71	-2.5	17.21	52.6	1000	PASS

n78(3450-3550)	30	40	631334	1@104	CP_64QAM	19.64	-2.5	17.14	51.76	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	17.26	-2.5	14.76	29.92	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	16.59	-2.5	14.09	25.64	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	23.6	-2.5	21.1	128.82	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	23.08	-2.5	20.58	114.29	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	23.12	-2.5	20.62	115.35	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	22.47	-2.5	19.97	99.31	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	23.59	-2.5	21.09	128.53	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	23.07	-2.5	20.57	114.02	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	23.07	-2.5	20.57	114.02	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	21.5	-2.5	19	79.43	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.86	-2.5	19.36	86.3	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.78	-2.5	19.28	84.72	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.93	-2.5	18.43	69.66	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	20.52	-2.5	18.02	63.39	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	20.53	-2.5	18.03	63.53	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	19.06	-2.5	16.56	45.29	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.35	-2.5	15.85	38.46	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	18.77	-2.5	16.27	42.36	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	20.42	-2.5	17.92	61.94	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	22.03	-2.5	19.53	89.74	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	21.8	-2.5	19.3	85.11	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	21.73	-2.5	19.23	83.75	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	21.54	-2.5	19.04	80.17	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	21.09	-2.5	18.59	72.28	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_64QAM	19.77	-2.5	17.27	53.33	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	19.78	-2.5	17.28	53.46	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	16.95	-2.5	14.45	27.86	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	23.61	-2.5	21.11	129.12	1000	PASS

n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	23.24	-2.5	20.74	118.58	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	22.54	-2.5	20.04	100.93	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	23.67	-2.5	21.17	130.92	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	23.25	-2.5	20.75	118.85	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.95	-2.5	20.45	110.92	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	22.6	-2.5	20.1	102.33	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.96	-2.5	19.46	88.31	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.68	-2.5	19.18	82.79	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	21.13	-2.5	18.63	72.95	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.6	-2.5	18.1	64.57	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	20.27	-2.5	17.77	59.84	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	19.22	-2.5	16.72	46.99	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.6	-2.5	16.1	40.74	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	22.1	-2.5	19.6	91.2	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	21.68	-2.5	19.18	82.79	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	20.49	-2.5	17.99	62.95	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	21.23	-2.5	18.73	74.64	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	20.94	-2.5	18.44	69.82	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	20.1	-2.5	17.6	57.54	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	19.89	-2.5	17.39	54.83	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	19.59	-2.5	17.09	51.17	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	17.26	-2.5	14.76	29.92	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.98	-2.5	20.48	111.69	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	23.54	-2.5	21.04	127.06	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	23.29	-2.5	20.79	119.95	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	23.33	-2.5	20.83	121.06	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	22.43	-2.5	19.93	98.4	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	23.51	-2.5	21.01	126.18	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	23.34	-2.5	20.84	121.34	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	23.32	-2.5	20.82	120.78	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	21.43	-2.5	18.93	78.16	1000	PASS

n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	22.56	-2.5	20.06	101.39	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.95	-2.5	19.45	88.1	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.92	-2.5	19.42	87.5	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.7	-2.5	18.2	66.07	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.68	-2.5	18.18	65.77	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	19.08	-2.5	16.58	45.5	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	19.16	-2.5	16.66	46.34	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	20.5	-2.5	18	63.1	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	22.03	-2.5	19.53	89.74	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	21.83	-2.5	19.33	85.7	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	21.82	-2.5	19.32	85.51	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_16QAM	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_16QAM	21.51	-2.5	19.01	79.62	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_16QAM	21.3	-2.5	18.8	75.86	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_16QAM	21.22	-2.5	18.72	74.47	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_64QAM	20.06	-2.5	17.56	57.02	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_64QAM	19.88	-2.5	17.38	54.7	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_256QAM	17.35	-2.5	14.85	30.55	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_256QAM	17.45	-2.5	14.95	31.26	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_256QAM	16.86	-2.5	14.36	27.29	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	23.06	-2.5	20.56	113.76	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	23.43	-2.5	20.93	123.88	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	23.38	-2.5	20.88	122.46	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	22.56	-2.5	20.06	101.39	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	23.59	-2.5	21.09	128.53	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	23.43	-2.5	20.93	123.88	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	23.37	-2.5	20.87	122.18	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	21.55	-2.5	19.05	80.35	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	22.61	-2.5	20.11	102.57	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	22.16	-2.5	19.66	92.47	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	22.11	-2.5	19.61	91.41	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	21.07	-2.5	18.57	71.94	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	21.02	-2.5	18.52	71.12	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	20.96	-2.5	18.46	70.15	1000	PASS

n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	19.16	-2.5	16.66	46.34	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	19.2	-2.5	16.7	46.77	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	19.06	-2.5	16.56	45.29	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	20.55	-2.5	18.05	63.83	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	22.08	-2.5	19.58	90.78	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_16QAM	20.57	-2.5	18.07	64.12	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_16QAM	21.58	-2.5	19.08	80.91	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_16QAM	21.42	-2.5	18.92	77.98	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_16QAM	21.32	-2.5	18.82	76.21	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_64QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_64QAM	20.08	-2.5	17.58	57.28	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	17.19	-2.5	14.69	29.44	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_256QAM	17.2	-2.5	14.7	29.51	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_256QAM	17.5	-2.5	15	31.62	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_256QAM	17.18	-2.5	14.68	29.38	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	23.09	-2.5	20.59	114.55	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	23.65	-2.5	21.15	130.32	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	23.47	-2.5	20.97	125.03	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	23.25	-2.5	20.75	118.85	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	22.58	-2.5	20.08	101.86	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	23.68	-2.5	21.18	131.22	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	23.5	-2.5	21	125.89	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	23.25	-2.5	20.75	118.85	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	21.55	-2.5	19.05	80.35	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	22.64	-2.5	20.14	103.28	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	22.2	-2.5	19.7	93.33	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	21.93	-2.5	19.43	87.7	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	21.19	-2.5	18.69	73.96	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	20.56	-2.5	18.06	63.97	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	19.2	-2.5	16.7	46.77	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	19.28	-2.5	16.78	47.64	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.91	-2.5	16.41	43.75	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	20.56	-2.5	18.06	63.97	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	22.14	-2.5	19.64	92.04	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	22.11	-2.5	19.61	91.41	1000	PASS

n78(3450-3550)	30	50	635000	1@131	CP_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	20.55	-2.5	18.05	63.83	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_16QAM	21.19	-2.5	18.69	73.96	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_64QAM	20.17	-2.5	17.67	58.48	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_64QAM	20.13	-2.5	17.63	57.94	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_64QAM	19.86	-2.5	17.36	54.45	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	17.35	-2.5	14.85	30.55	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_256QAM	17.26	-2.5	14.76	29.92	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_256QAM	17.25	-2.5	14.75	29.85	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_256QAM	17.06	-2.5	14.56	28.58	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	23.03	-2.5	20.53	112.98	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	23.59	-2.5	21.09	128.53	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	23.2	-2.5	20.7	117.49	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	23.18	-2.5	20.68	116.95	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	22.48	-2.5	19.98	99.54	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	23.56	-2.5	21.06	127.64	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	23.23	-2.5	20.73	118.3	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	23.21	-2.5	20.71	117.76	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	22.59	-2.5	20.09	102.09	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.9	-2.5	19.4	87.1	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.85	-2.5	19.35	86.1	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.96	-2.5	18.46	70.15	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.55	-2.5	18.05	63.83	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.54	-2.5	18.04	63.68	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	19.16	-2.5	16.66	46.34	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.89	-2.5	16.39	43.55	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	20.44	-2.5	17.94	62.23	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	22.04	-2.5	19.54	89.95	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	21.88	-2.5	19.38	86.7	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	21.84	-2.5	19.34	85.9	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	20.43	-2.5	17.93	62.09	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_16QAM	21.15	-2.5	18.65	73.28	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_16QAM	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_64QAM	20	-2.5	17.5	56.23	1000	PASS

n78(3450-3550)	30	60	632000	1@1	CP_64QAM	19.82	-2.5	17.32	53.95	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_64QAM	19.77	-2.5	17.27	53.33	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_256QAM	16.35	-2.5	13.85	24.27	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_256QAM	16.82	-2.5	14.32	27.04	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	23.03	-2.5	20.53	112.98	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	23.61	-2.5	21.11	129.12	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	23.3	-2.5	20.8	120.23	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	23.16	-2.5	20.66	116.41	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	22.52	-2.5	20.02	100.46	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	23.59	-2.5	21.09	128.53	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	23.31	-2.5	20.81	120.5	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	23.18	-2.5	20.68	116.95	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	22.58	-2.5	20.08	101.86	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.88	-2.5	19.38	86.7	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.99	-2.5	18.49	70.63	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	21.05	-2.5	18.55	71.61	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.9	-2.5	18.4	69.18	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	19.15	-2.5	16.65	46.24	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	19.2	-2.5	16.7	46.77	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	18.94	-2.5	16.44	44.06	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	18.63	-2.5	16.13	41.02	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	20.49	-2.5	17.99	62.95	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	22.06	-2.5	19.56	90.36	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	21.82	-2.5	19.32	85.51	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	21.73	-2.5	19.23	83.75	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	20.44	-2.5	17.94	62.23	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_16QAM	21.55	-2.5	19.05	80.35	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_16QAM	21.34	-2.5	18.84	76.56	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_16QAM	21.16	-2.5	18.66	73.45	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_64QAM	19.95	-2.5	17.45	55.59	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_64QAM	19.85	-2.5	17.35	54.33	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	17.13	-2.5	14.63	29.04	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_256QAM	17.12	-2.5	14.62	28.97	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_256QAM	17.16	-2.5	14.66	29.24	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_256QAM	17.05	-2.5	14.55	28.51	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	23.08	-2.5	20.58	114.29	1000	PASS

n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	23.72	-2.5	21.22	132.43	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	23.31	-2.5	20.81	120.5	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	23.09	-2.5	20.59	114.55	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	22.59	-2.5	20.09	102.09	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	23.7	-2.5	21.2	131.83	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	23.34	-2.5	20.84	121.34	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	23.11	-2.5	20.61	115.08	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	21.6	-2.5	19.1	81.28	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	22.67	-2.5	20.17	103.99	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.97	-2.5	19.47	88.51	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.75	-2.5	19.25	84.14	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	21.1	-2.5	18.6	72.44	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	21.18	-2.5	18.68	73.79	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.67	-2.5	18.17	65.61	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	19.23	-2.5	16.73	47.1	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	19.31	-2.5	16.81	47.97	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	18.78	-2.5	16.28	42.46	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	20.52	-2.5	18.02	63.39	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	22.15	-2.5	19.65	92.26	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	21.7	-2.5	19.2	83.18	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	20.51	-2.5	18.01	63.24	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_16QAM	21.65	-2.5	19.15	82.22	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_16QAM	21.25	-2.5	18.75	74.99	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_16QAM	21.03	-2.5	18.53	71.29	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_64QAM	20.13	-2.5	17.63	57.94	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_64QAM	19.94	-2.5	17.44	55.46	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_64QAM	19.7	-2.5	17.2	52.48	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_256QAM	17.27	-2.5	14.77	29.99	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_256QAM	16.93	-2.5	14.43	27.73	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.98	-2.5	20.48	111.69	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	23.6	-2.5	21.1	128.82	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	23.07	-2.5	20.57	114.02	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	23.02	-2.5	20.52	112.72	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	22.47	-2.5	19.97	99.31	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	23.09	-2.5	20.59	114.55	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	23.01	-2.5	20.51	112.46	1000	PASS

n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	21.44	-2.5	18.94	78.34	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	22.57	-2.5	20.07	101.62	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.64	-2.5	19.14	82.04	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.93	-2.5	18.43	69.66	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	21.01	-2.5	18.51	70.96	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	20.43	-2.5	17.93	62.09	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	19.1	-2.5	16.6	45.71	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.9	-2.5	16.4	43.65	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.78	-2.5	16.28	42.46	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	20.41	-2.5	17.91	61.8	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	22.07	-2.5	19.57	90.57	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	21.64	-2.5	19.14	82.04	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	20.45	-2.5	17.95	62.37	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_16QAM	21.58	-2.5	19.08	80.91	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_16QAM	21.07	-2.5	18.57	71.94	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_16QAM	21.01	-2.5	18.51	70.96	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_64QAM	19.9	-2.5	17.4	54.95	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_64QAM	19.99	-2.5	17.49	56.1	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_64QAM	19.68	-2.5	17.18	52.24	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_64QAM	19.61	-2.5	17.11	51.4	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	17.07	-2.5	14.57	28.64	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_256QAM	16.86	-2.5	14.36	27.29	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_256QAM	16.78	-2.5	14.28	26.79	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_256QAM	16.44	-2.5	13.94	24.77	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	23.61	-2.5	21.11	129.12	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	23.2	-2.5	20.7	117.49	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	23.01	-2.5	20.51	112.46	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	22.53	-2.5	20.03	100.69	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	23.62	-2.5	21.12	129.42	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	23.21	-2.5	20.71	117.76	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	23.03	-2.5	20.53	112.98	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	22.59	-2.5	20.09	102.09	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.82	-2.5	19.32	85.51	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.66	-2.5	19.16	82.41	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.95	-2.5	18.45	69.98	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	21.04	-2.5	18.54	71.45	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.52	-2.5	18.02	63.39	1000	PASS

n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	19.12	-2.5	16.62	45.92	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	19.2	-2.5	16.7	46.77	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.26	-2.5	15.76	37.67	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	18.81	-2.5	16.31	42.76	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	20.44	-2.5	17.94	62.23	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	22.1	-2.5	19.6	91.2	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	21.75	-2.5	19.25	84.14	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	20.48	-2.5	17.98	62.81	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	21.61	-2.5	19.11	81.47	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	21.24	-2.5	18.74	74.82	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	21.05	-2.5	18.55	71.61	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	19.92	-2.5	17.42	55.21	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	19.83	-2.5	17.33	54.08	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	19.63	-2.5	17.13	51.64	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	16.68	-2.5	14.18	26.18	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	17.19	-2.5	14.69	29.44	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	17.25	-2.5	14.75	29.85	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	16.91	-2.5	14.41	27.61	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	23.1	-2.5	20.6	114.82	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	23.72	-2.5	21.22	132.43	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	23.3	-2.5	20.8	120.23	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	23	-2.5	20.5	112.2	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	22.58	-2.5	20.08	101.86	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	23.73	-2.5	21.23	132.74	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	23.31	-2.5	20.81	120.5	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	23.04	-2.5	20.54	113.24	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	22.7	-2.5	20.2	104.71	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.89	-2.5	19.39	86.9	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	21.67	-2.5	19.17	82.6	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	21.17	-2.5	18.67	73.62	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	20.67	-2.5	18.17	65.61	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	20.36	-2.5	17.86	61.09	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	19.21	-2.5	16.71	46.88	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	19.31	-2.5	16.81	47.97	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	19.02	-2.5	16.52	44.87	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	18.68	-2.5	16.18	41.5	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	20.58	-2.5	18.08	64.27	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	22.24	-2.5	19.74	94.19	1000	PASS

n78(3450-3550)	30	70	634332	1@1	CP_QPSK	21.77	-2.5	19.27	84.53	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	21.5	-2.5	19	79.43	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	20.6	-2.5	18.1	64.57	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	21.75	-2.5	19.25	84.14	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	21.27	-2.5	18.77	75.34	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	21.02	-2.5	18.52	71.12	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	20.16	-2.5	17.66	58.34	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	19.89	-2.5	17.39	54.83	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	19.66	-2.5	17.16	52	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	17.22	-2.5	14.72	29.65	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	17.23	-2.5	14.73	29.72	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	17.21	-2.5	14.71	29.58	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.97	-2.5	20.47	111.43	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	23.62	-2.5	21.12	129.42	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	23.06	-2.5	20.56	113.76	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	22.49	-2.5	19.99	99.77	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	23.62	-2.5	21.12	129.42	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	23.06	-2.5	20.56	113.76	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.95	-2.5	20.45	110.92	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	22.61	-2.5	20.11	102.57	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.57	-2.5	19.07	80.72	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	21.11	-2.5	18.61	72.61	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	20.24	-2.5	17.74	59.43	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	19.14	-2.5	16.64	46.13	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	19.25	-2.5	16.75	47.32	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.86	-2.5	16.36	43.25	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	18.69	-2.5	16.19	41.59	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	20.43	-2.5	17.93	62.09	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	22.09	-2.5	19.59	90.99	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	21.54	-2.5	19.04	80.17	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	20.42	-2.5	17.92	61.94	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	21.64	-2.5	19.14	82.04	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	21.07	-2.5	18.57	71.94	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	20.92	-2.5	18.42	69.5	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	19.89	-2.5	17.39	54.83	1000	PASS

n78(3450-3550)	30	80	632668	109@54	CP_64QAM	20.1	-2.5	17.6	57.54	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	19.55	-2.5	17.05	50.7	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	19.41	-2.5	16.91	49.09	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	17.23	-2.5	14.73	29.72	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	17.23	-2.5	14.73	29.72	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	17.11	-2.5	14.61	28.91	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	16.65	-2.5	14.15	26	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.97	-2.5	20.47	111.43	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	23.05	-2.5	20.55	113.5	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.83	-2.5	20.33	107.89	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	22.43	-2.5	19.93	98.4	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	23.04	-2.5	20.54	113.24	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.83	-2.5	20.33	107.89	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	21.45	-2.5	18.95	78.52	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	22.57	-2.5	20.07	101.62	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.71	-2.5	19.21	83.37	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.49	-2.5	18.99	79.25	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	20.97	-2.5	18.47	70.31	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	21.05	-2.5	18.55	71.61	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	19.1	-2.5	16.6	45.71	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	18.84	-2.5	16.34	43.05	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	18.63	-2.5	16.13	41.02	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	20.4	-2.5	17.9	61.66	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	22.02	-2.5	19.52	89.54	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	21.58	-2.5	19.08	80.91	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	21.33	-2.5	18.83	76.38	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	21.54	-2.5	19.04	80.17	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	21.09	-2.5	18.59	72.28	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	20.87	-2.5	18.37	68.71	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	19.88	-2.5	17.38	54.7	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	20.02	-2.5	17.52	56.49	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	19.66	-2.5	17.16	52	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	19.45	-2.5	16.95	49.55	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	17.25	-2.5	14.75	29.85	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	16.76	-2.5	14.26	26.67	1000	PASS

n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	22.96	-2.5	20.46	111.17	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	23.61	-2.5	21.11	129.12	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	23.08	-2.5	20.58	114.29	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.77	-2.5	20.27	106.41	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	22.46	-2.5	19.96	99.08	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	23.56	-2.5	21.06	127.64	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	23.09	-2.5	20.59	114.55	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.78	-2.5	20.28	106.66	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	21.44	-2.5	18.94	78.34	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	22.56	-2.5	20.06	101.39	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.73	-2.5	19.23	83.75	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	21.41	-2.5	18.91	77.8	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	20.93	-2.5	18.43	69.66	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	20.11	-2.5	17.61	57.68	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	19.09	-2.5	16.59	45.6	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	19.2	-2.5	16.7	46.77	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.89	-2.5	16.39	43.55	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	18.66	-2.5	16.16	41.3	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	20.38	-2.5	17.88	61.38	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	22.03	-2.5	19.53	89.74	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	21.28	-2.5	18.78	75.51	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	20.37	-2.5	17.87	61.24	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	21.1	-2.5	18.6	72.44	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	20.8	-2.5	18.3	67.61	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	19.86	-2.5	17.36	54.45	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	20.04	-2.5	17.54	56.75	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	19.68	-2.5	17.18	52.24	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	17.12	-2.5	14.62	28.97	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	17.18	-2.5	14.68	29.38	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	16.88	-2.5	14.38	27.42	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	16.7	-2.5	14.2	26.3	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	23.58	-2.5	21.08	128.23	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.81	-2.5	20.31	107.4	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.63	-2.5	20.13	103.04	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	22.42	-2.5	19.92	98.17	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	23.55	-2.5	21.05	127.35	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.81	-2.5	20.31	107.4	1000	PASS

n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.64	-2.5	20.14	103.28	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	21.39	-2.5	18.89	77.45	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	22.54	-2.5	20.04	100.93	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	21.43	-2.5	18.93	78.16	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	21.31	-2.5	18.81	76.03	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.84	-2.5	18.34	68.23	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	21	-2.5	18.5	70.79	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	20.12	-2.5	17.62	57.81	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.97	-2.5	17.47	55.85	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	19.07	-2.5	16.57	45.39	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	19.18	-2.5	16.68	46.56	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	18.63	-2.5	16.13	41.02	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	18.44	-2.5	15.94	39.26	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	20.3	-2.5	17.8	60.26	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	21.99	-2.5	19.49	88.92	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	21.31	-2.5	18.81	76.03	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	21.14	-2.5	18.64	73.11	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	21.52	-2.5	19.02	79.8	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	20.91	-2.5	18.41	69.34	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	20.71	-2.5	18.21	66.22	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	19.83	-2.5	17.33	54.08	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	19.95	-2.5	17.45	55.59	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	19.27	-2.5	16.77	47.53	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	19.14	-2.5	16.64	46.13	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	17.03	-2.5	14.53	28.38	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	17.15	-2.5	14.65	29.17	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	16.55	-2.5	14.05	25.41	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	16.42	-2.5	13.92	24.66	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.9	-2.5	20.4	109.65	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	23.57	-2.5	21.07	127.94	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.82	-2.5	20.32	107.65	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.67	-2.5	20.17	103.99	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	22.43	-2.5	19.93	98.4	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	23.54	-2.5	21.04	127.06	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.86	-2.5	20.36	108.64	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.67	-2.5	20.17	103.99	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	21.42	-2.5	18.92	77.98	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	22.52	-2.5	20.02	100.46	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	21.26	-2.5	18.76	75.16	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.85	-2.5	18.35	68.39	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS

n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	20.14	-2.5	17.64	58.08	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	20	-2.5	17.5	56.23	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	19.09	-2.5	16.59	45.6	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	19.19	-2.5	16.69	46.67	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	18.65	-2.5	16.15	41.21	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	18.5	-2.5	16	39.81	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	20.33	-2.5	17.83	60.67	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	21.46	-2.5	18.96	78.7	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	21.29	-2.5	18.79	75.68	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	20.32	-2.5	17.82	60.53	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	21.53	-2.5	19.03	79.98	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	20.82	-2.5	18.32	67.92	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	20.63	-2.5	18.13	65.01	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	19.84	-2.5	17.34	54.2	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	19.43	-2.5	16.93	49.32	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	19.24	-2.5	16.74	47.21	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	17.3	-2.5	14.8	30.2	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	17.14	-2.5	14.64	29.11	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	16.58	-2.5	14.08	25.59	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	16.64	-2.5	14.14	25.94	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	22.91	-2.5	20.41	109.9	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	23.57	-2.5	21.07	127.94	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.93	-2.5	20.43	110.41	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.63	-2.5	20.13	103.04	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	22.42	-2.5	19.92	98.17	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	23.63	-2.5	21.13	129.72	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.94	-2.5	20.44	110.66	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.63	-2.5	20.13	103.04	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	21.46	-2.5	18.96	78.7	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	22.62	-2.5	20.12	102.8	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.56	-2.5	19.06	80.54	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	21.23	-2.5	18.73	74.64	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.94	-2.5	18.44	69.82	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	21.1	-2.5	18.6	72.44	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	20.23	-2.5	17.73	59.29	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.93	-2.5	17.43	55.34	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	19.13	-2.5	16.63	46.03	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	19.24	-2.5	16.74	47.21	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.36	-2.5	15.86	38.55	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	18.45	-2.5	15.95	39.36	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	20.37	-2.5	17.87	61.24	1000	PASS

n78(3450-3550)	30	90	633666	123@61	CP_QPSK	22.05	-2.5	19.55	90.16	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	21.58	-2.5	19.08	80.91	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	21.39	-2.5	18.89	77.45	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	20.39	-2.5	17.89	61.52	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	21.55	-2.5	19.05	80.35	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	20.89	-2.5	18.39	69.02	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	20.65	-2.5	18.15	65.31	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	19.87	-2.5	17.37	54.58	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	20	-2.5	17.5	56.23	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	19.52	-2.5	17.02	50.35	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	19.27	-2.5	16.77	47.53	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	17.55	-2.5	15.05	31.99	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	17.17	-2.5	14.67	29.31	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	16.66	-2.5	14.16	26.06	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.86	-2.5	20.36	108.64	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	23.57	-2.5	21.07	127.94	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.71	-2.5	20.21	104.95	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.4	-2.5	19.9	97.72	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	22.31	-2.5	19.81	95.72	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	23.55	-2.5	21.05	127.35	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.71	-2.5	20.21	104.95	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.45	-2.5	19.95	98.86	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	21.36	-2.5	18.86	76.91	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	22.54	-2.5	20.04	100.93	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	21.31	-2.5	18.81	76.03	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	21.08	-2.5	18.58	72.11	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.79	-2.5	18.29	67.45	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	21.06	-2.5	18.56	71.78	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	20.03	-2.5	17.53	56.62	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.73	-2.5	17.23	52.84	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	19.05	-2.5	16.55	45.19	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	19.17	-2.5	16.67	46.45	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	18.62	-2.5	16.12	40.93	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	18.28	-2.5	15.78	37.84	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	20.27	-2.5	17.77	59.84	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	22	-2.5	19.5	89.13	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	21.35	-2.5	18.85	76.74	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	21.09	-2.5	18.59	72.28	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	20.26	-2.5	17.76	59.7	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	21.47	-2.5	18.97	78.89	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	20.68	-2.5	18.18	65.77	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	20.42	-2.5	17.92	61.94	1000	PASS

n78(3450-3550)	30	100	633334	273@0	CP_64QAM	19.77	-2.5	17.27	53.33	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	19.98	-2.5	17.48	55.98	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	19.27	-2.5	16.77	47.53	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	19	-2.5	16.5	44.67	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	16.99	-2.5	14.49	28.12	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	16.36	-2.5	13.86	24.32	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	16.49	-2.5	13.99	25.06	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	16.47	-2.5	13.97	24.95	1000	PASS

2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-5	-0.00143	PASS
20	6	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-7	-0.002	PASS
20	8.9	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-10.9	-0.00311	PASS
-30	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-7.5	-0.00214	PASS
-20	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	3.8	0.00109	PASS
-10	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-6.3	-0.0018	PASS
0	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-9.8	-0.0028	PASS
10	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-9.4	-0.00269	PASS
30	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-6.3	-0.0018	PASS
40	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-11.7	-0.00334	PASS
50	7.74	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-7.7	-0.0022	PASS

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

3. Peak-to-average Ratio

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.45	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.67	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.31	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.64	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.71	13	PASS



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



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



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



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

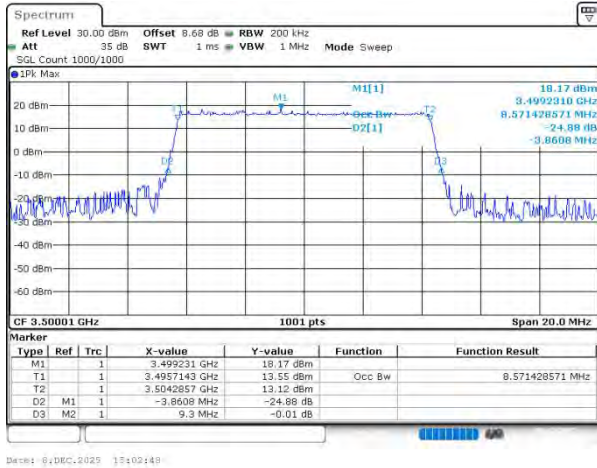


n78(3450-3550) SCS=30kHz DFT_256QAM BW=20MHz
Channel=633334 RB=50@0

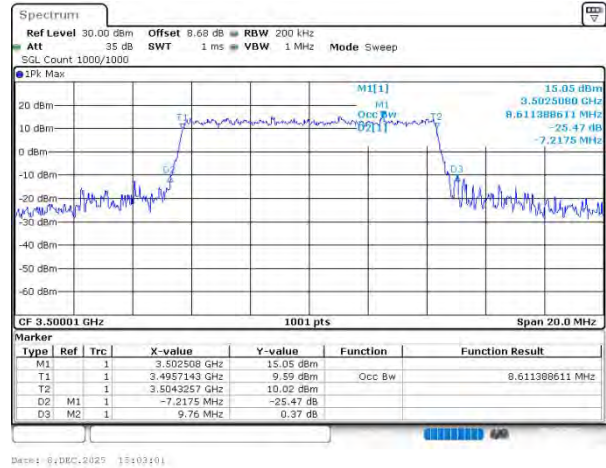
4. Occupied Bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	10	633334	3500.01	24@0	DFT_BPSK	8.571	9.300	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.611	9.760	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.611	9.420	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.631	9.440	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.591	9.560	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.917	14.820	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.636	16.470	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.666	15.570	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.636	14.640	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.606	15.900	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.982	19.080	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.302	24.920	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.302	21.960	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.302	21.480	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.342	20.880	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.964	38.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	38.042	42.320	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	38.122	42.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.042	41.840	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.962	41.200	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.854	48.400	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.752	50.100	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.652	50.300	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.652	50.600	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.652	50.100	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.382	64.200	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.382	62.640	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.501	63.000	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	58.382	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.501	63.360	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.755	71.680	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	68.112	72.660	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.972	72.660	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.832	73.640	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	68.112	73.640	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.522	81.920	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.842	84.160	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	78.002	84.800	PASS

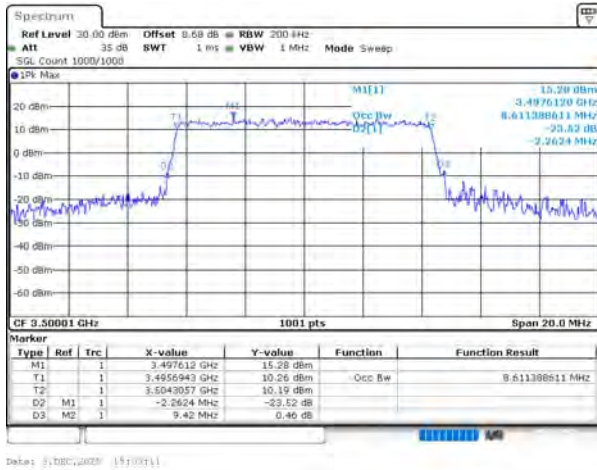
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.842	82.400	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.842	83.360	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.213	93.600	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.932	92.520	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.572	94.500	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.752	98.280	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.752	93.780	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.304	101.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.502	104.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.502	104.200	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.502	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.502	103.200	PASS



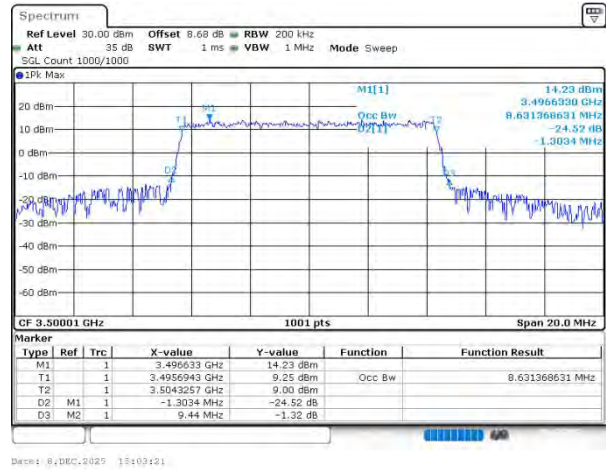
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
Channel=633334 RB=24@0



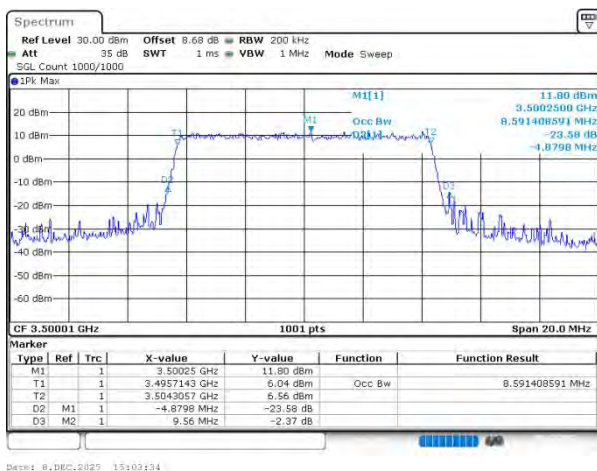
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
Channel=633334 RB=24@0



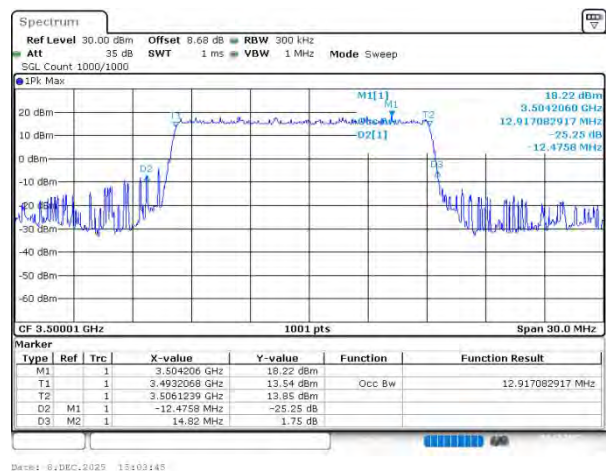
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz
Channel=633334 RB=24@0



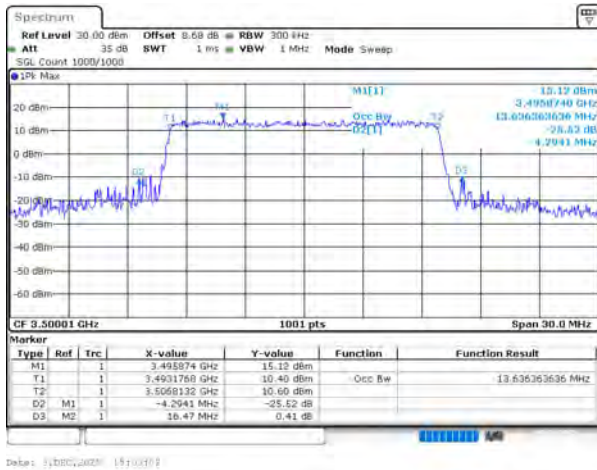
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz
Channel=633334 RB=24@0



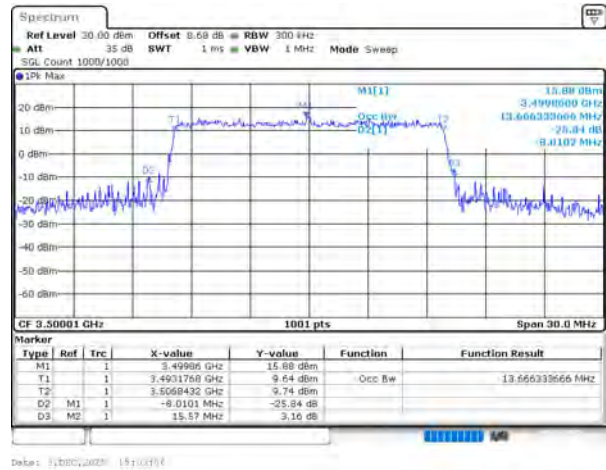
n78(3450-3550) SCS=30kHz CP_256QAM BW=10MHz
Channel=633334 RB=24@0



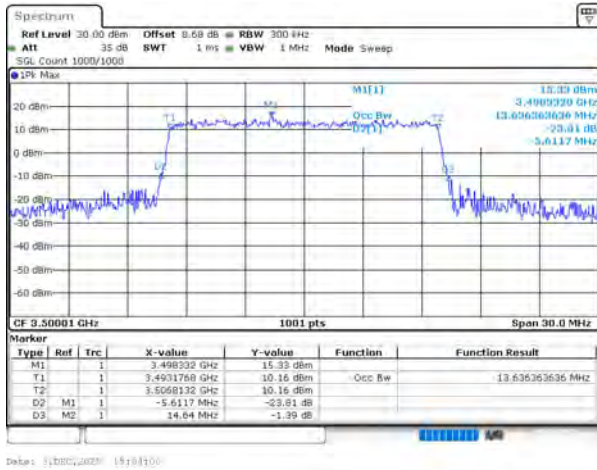
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
Channel=633334 RB=36@0



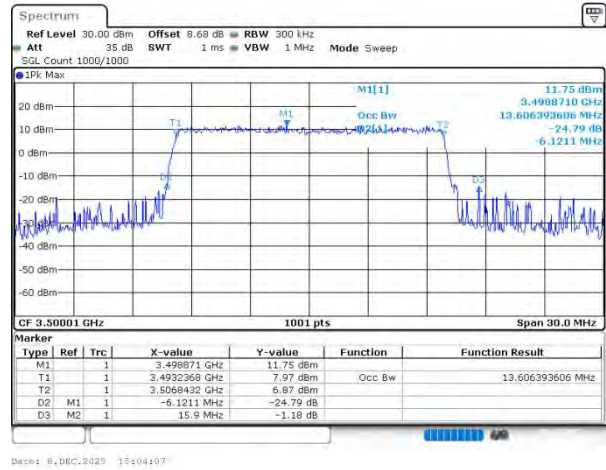
n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz
Channel=633334 RB=38@0



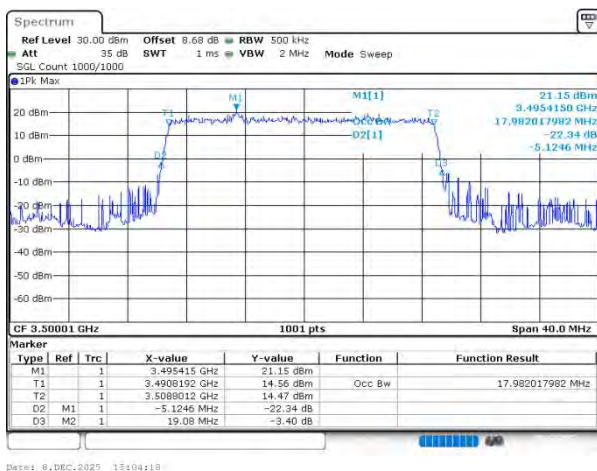
n78(3450-3550) SCS=30kHz CP_16QAM BW=15MHz
Channel=633334 RB=38@0



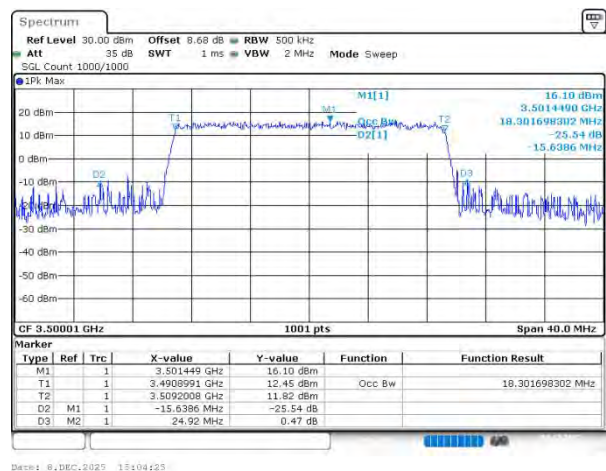
n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz
Channel=633334 RB=38@0



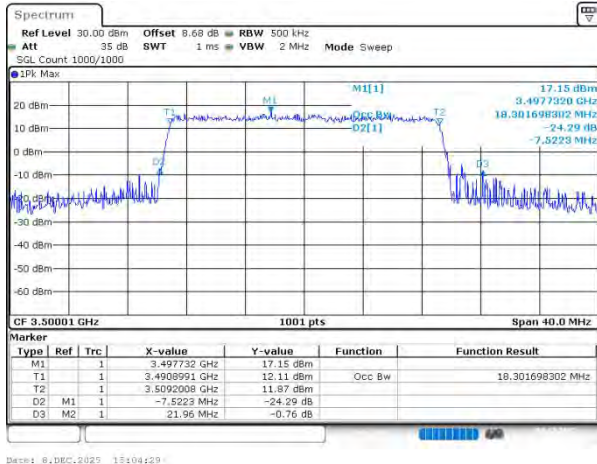
n78(3450-3550) SCS=30kHz CP_256QAM BW=15MHz
Channel=633334 RB=38@0



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

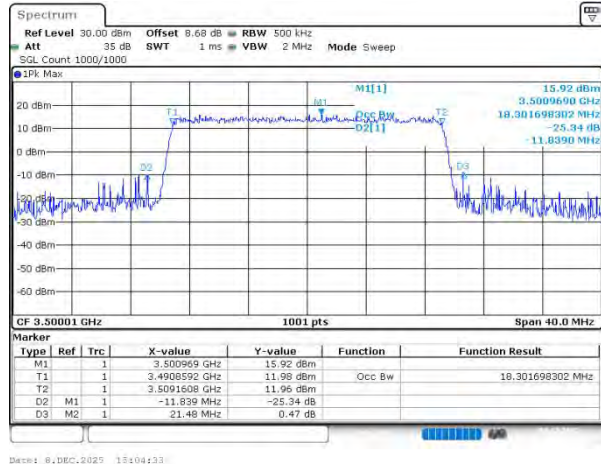


n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz
Channel=633334 RB=51@0



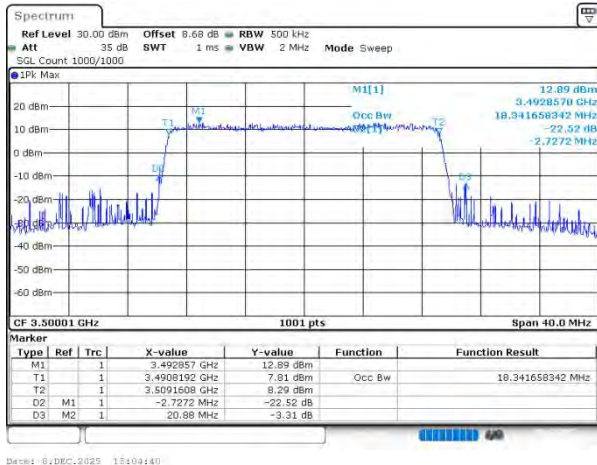
Date: 8,DEC,2025 15:04:29

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



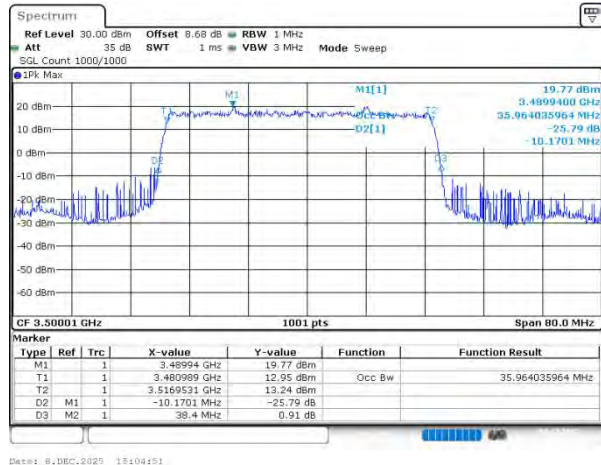
Date: 8,DEC,2025 15:04:33

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



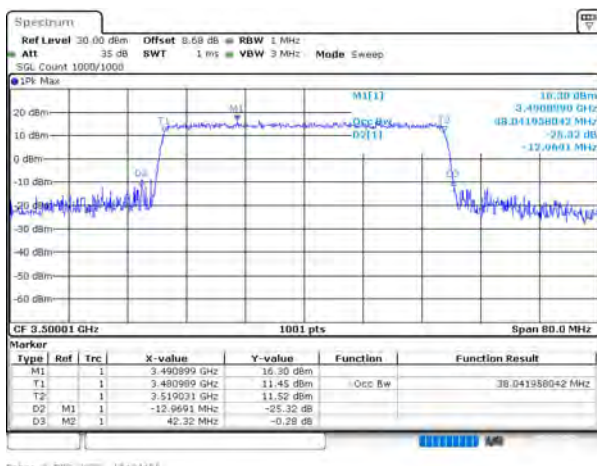
Date: 8,DEC,2025 15:04:40

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



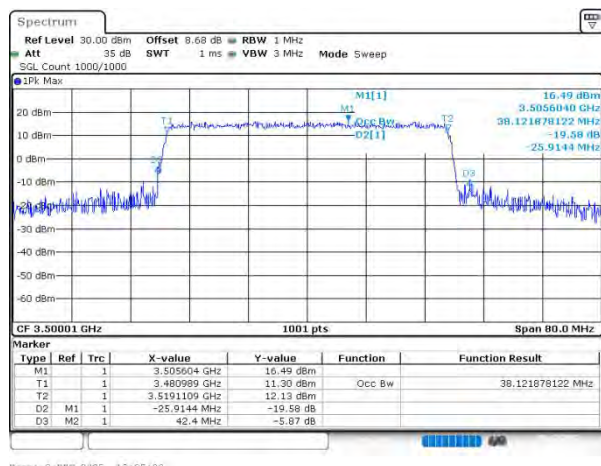
Date: 8,DEC,2025 15:04:51

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



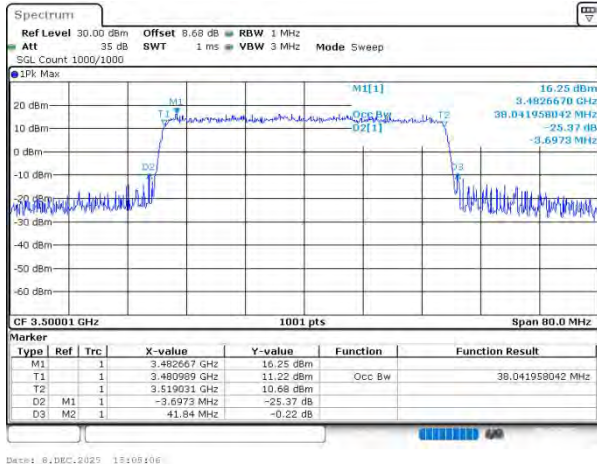
Date: 8,DEC,2025 15:04:56

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

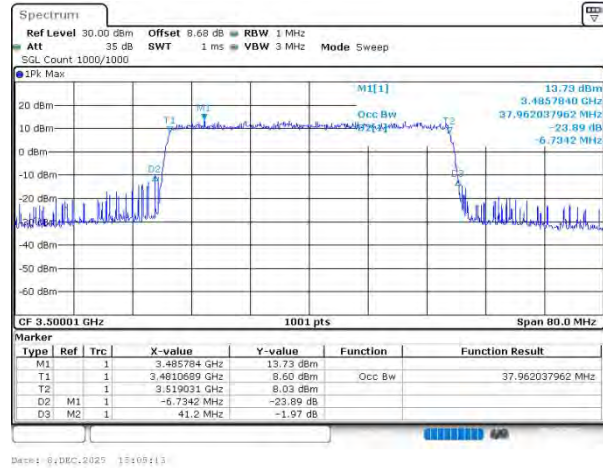


Date: 8,DEC,2025 15:05:02

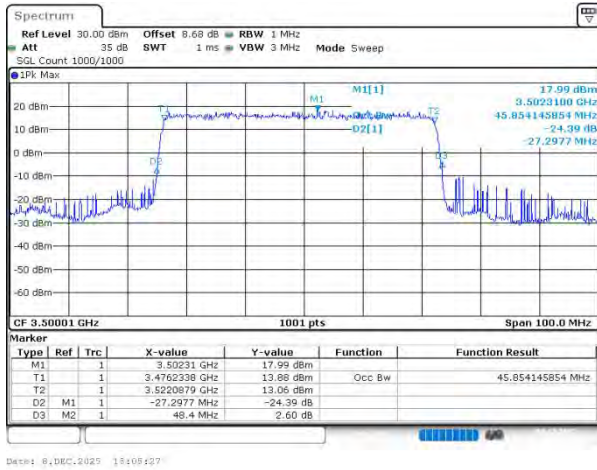
n78(3450-3550) SCS=30kHz CP_16QAM BW=40MHz
Channel=633334 RB=106@0



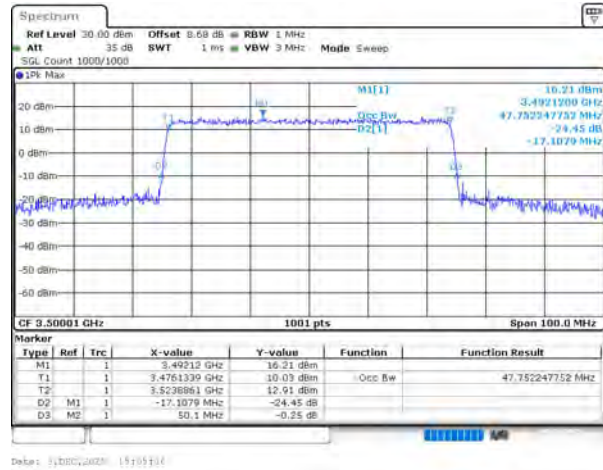
n78(3450-3550) SCS=30kHz CP_64QAM BW=40MHz
Channel=633334 RB=106@0



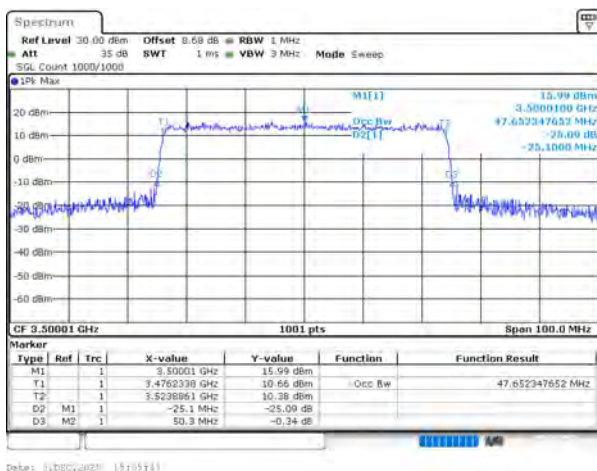
n78(3450-3550) SCS=30kHz CP_256QAM BW=40MHz
Channel=633334 RB=106@0



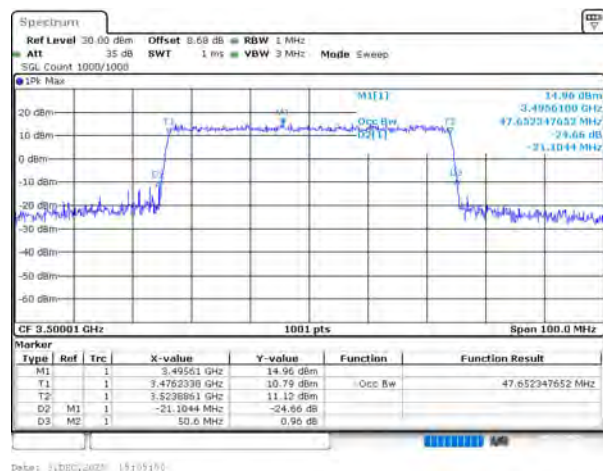
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz
Channel=633334 RB=128@0



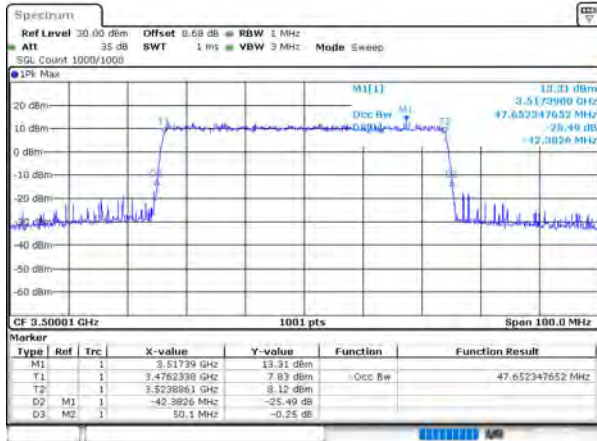
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz
Channel=633334 RB=133@0



n78(3450-3550) SCS=30kHz CP_16QAM BW=50MHz
Channel=633334 RB=133@0

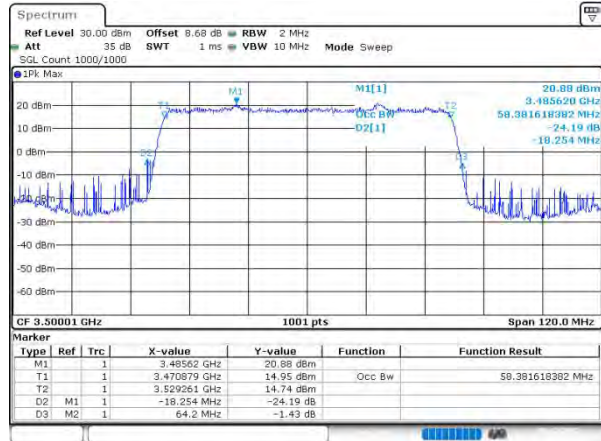


n78(3450-3550) SCS=30kHz CP_64QAM BW=50MHz
Channel=633334 RB=133@0



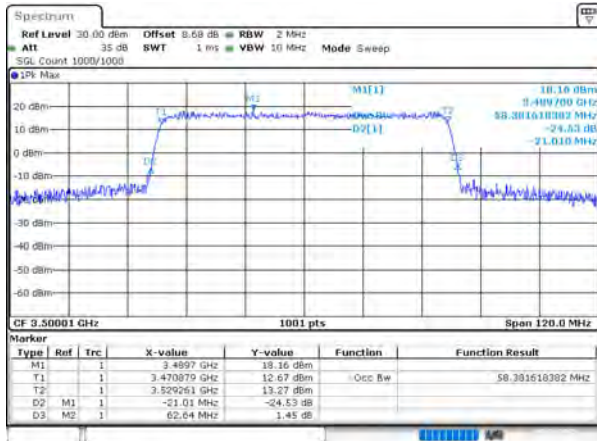
Date: 5,DEC,2025 15:05:55

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



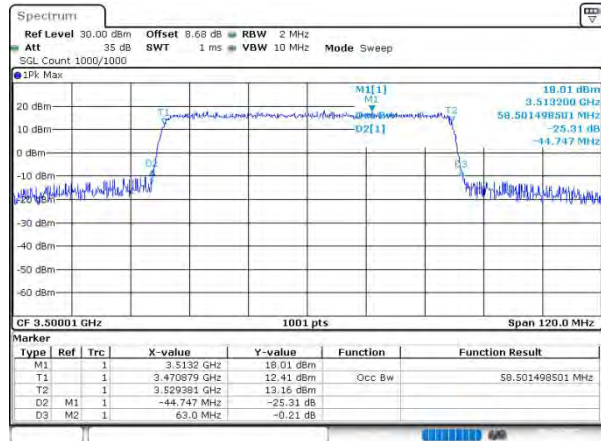
Date: 5,DEC,2025 15:06:13

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



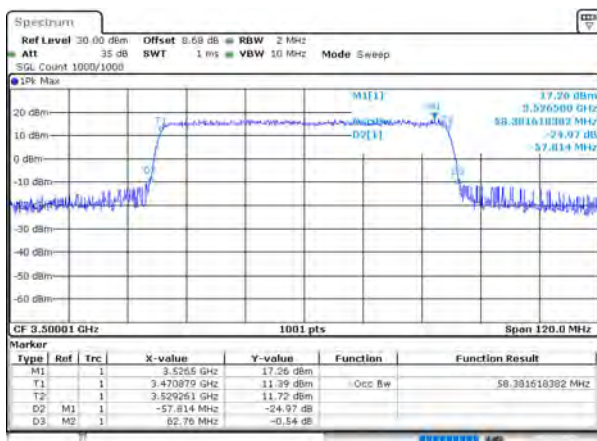
Date: 5,DEC,2025 15:06:23

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



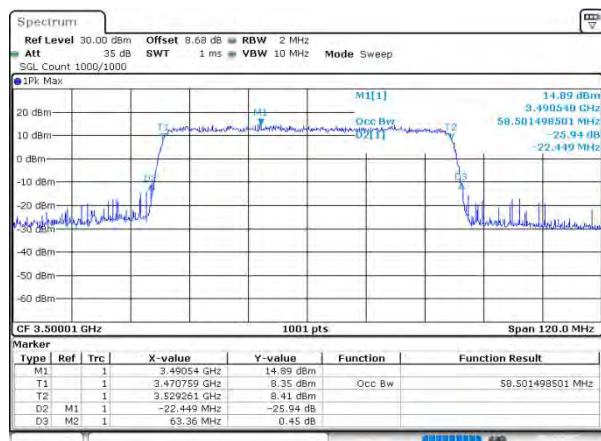
Date: 5,DEC,2025 15:06:29

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



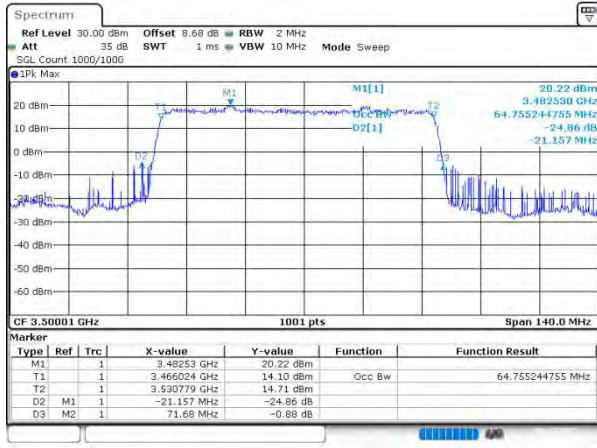
Date: 5,DEC,2025 15:06:34

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



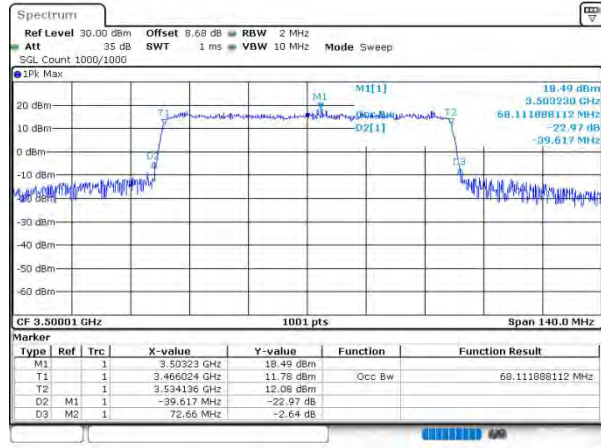
Date: 5,DEC,2025 15:06:46

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



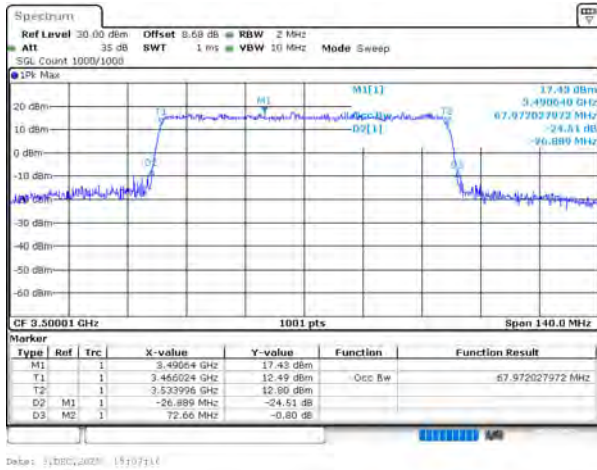
Date: 8/DEC/2025 15:07:10

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



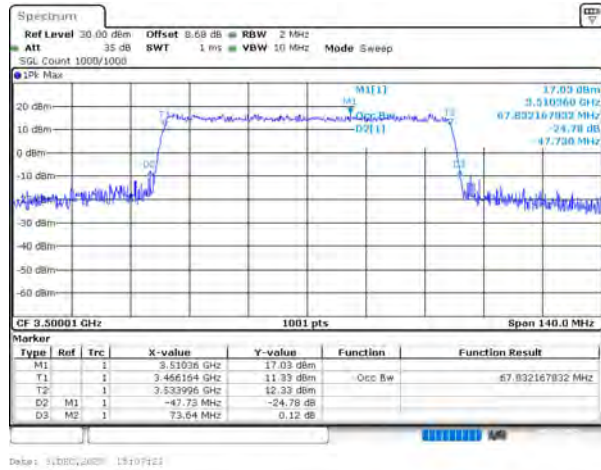
Date: 8/DEC/2025 15:07:10

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



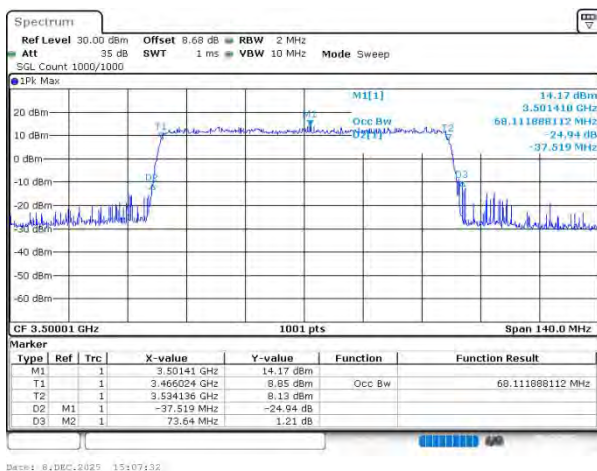
Date: 8/DEC/2025 15:07:11

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



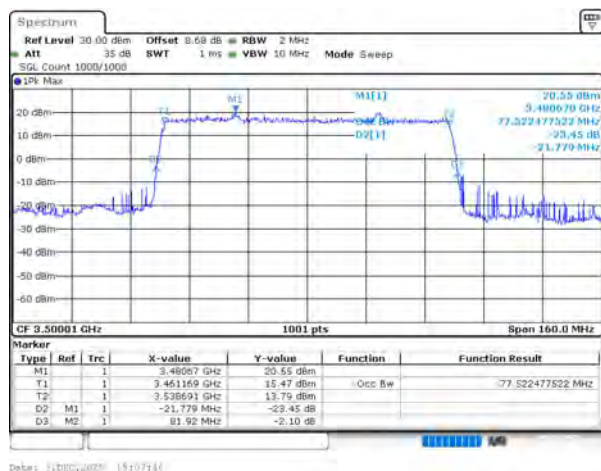
Date: 8/DEC/2025 15:07:11

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



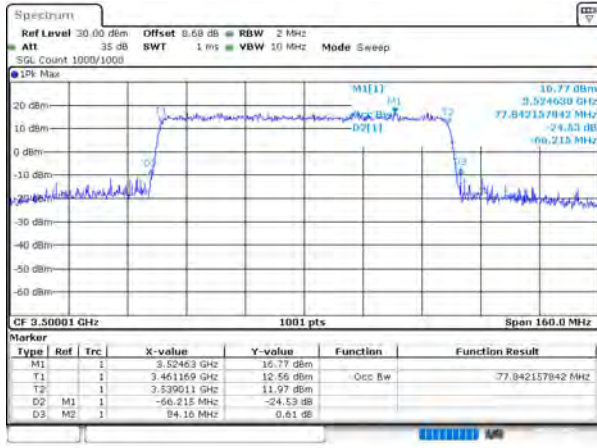
Date: 8/DEC/2025 15:07:12

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

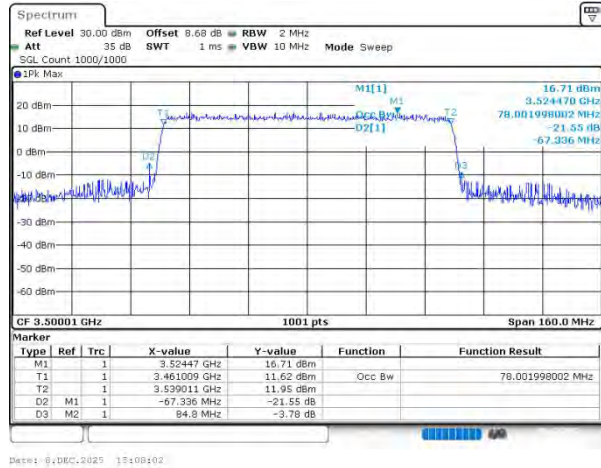


Date: 8/DEC/2025 15:07:11

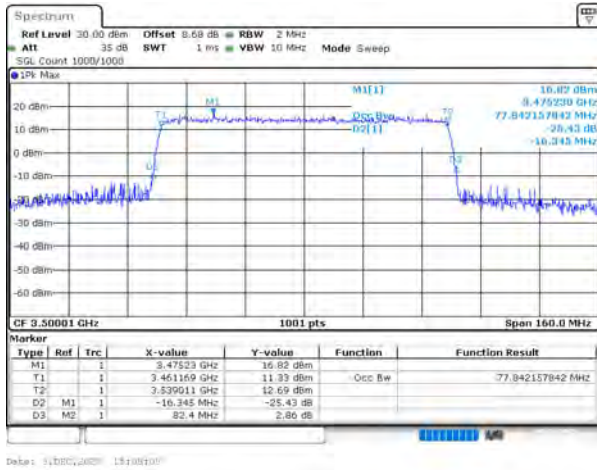
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz
Channel=633334 RB=216@0



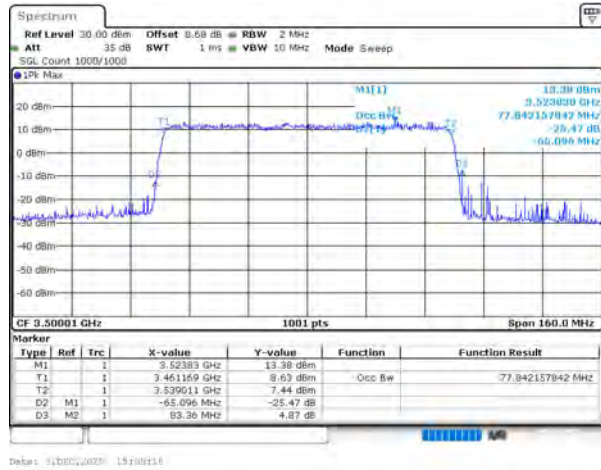
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz
Channel=633334 RB=217@0



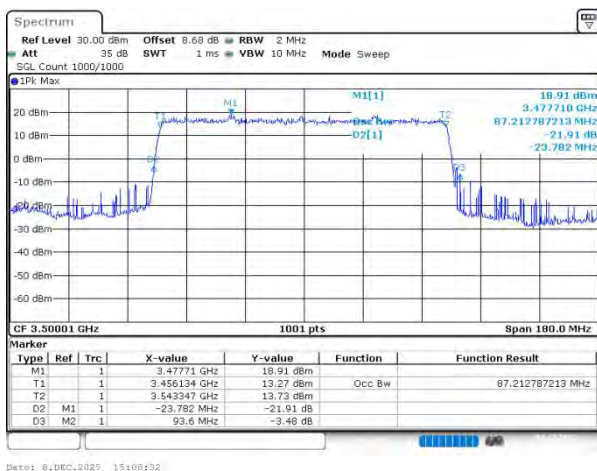
n78(3450-3550) SCS=30kHz CP_16QAM BW=80MHz
Channel=633334 RB=217@0



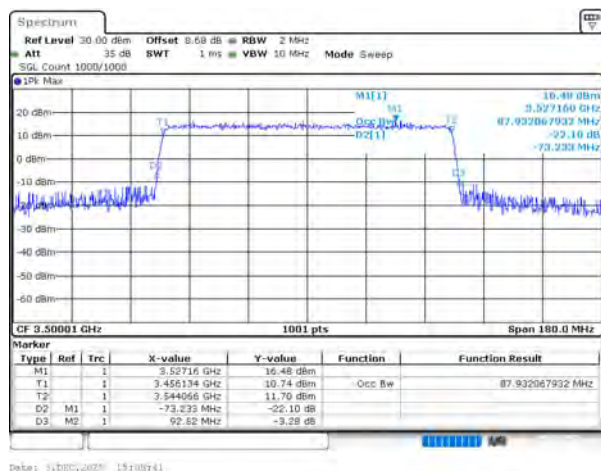
n78(3450-3550) SCS=30kHz CP_64QAM BW=80MHz
Channel=633334 RB=217@0



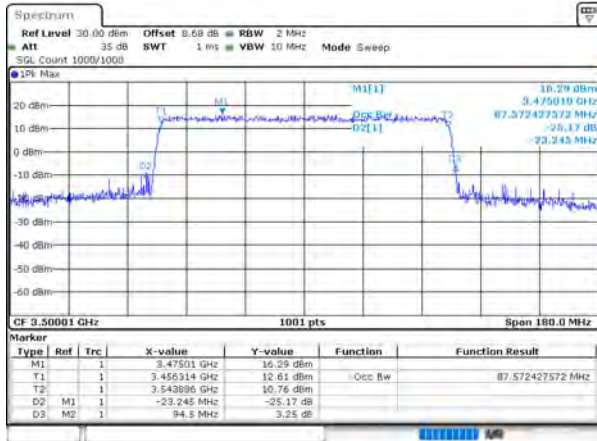
n78(3450-3550) SCS=30kHz CP_256QAM BW=80MHz
Channel=633334 RB=217@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz
Channel=633334 RB=243@0

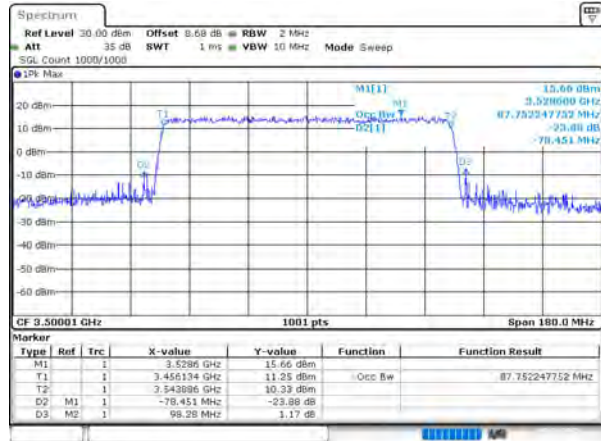


n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz
Channel=633334 RB=245@0



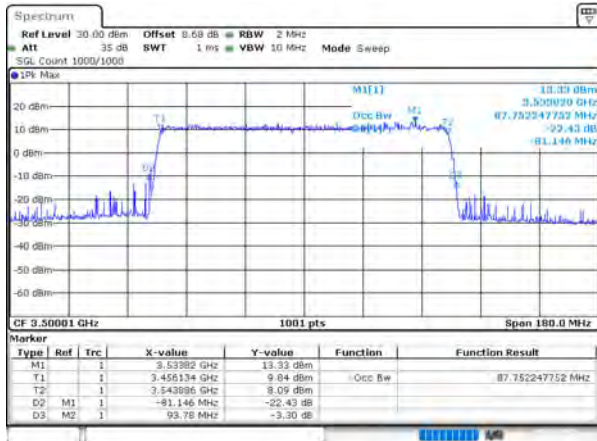
Date: 15/08/2025 15:00:46

n78(3450-3550) SCS=30kHz CP_16QAM BW=90MHz
Channel=633334 RB=245@0



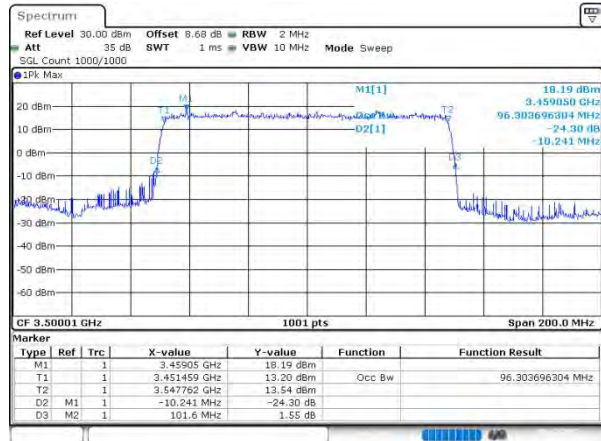
Date: 15/08/2025 15:00:49

n78(3450-3550) SCS=30kHz CP_64QAM BW=90MHz
Channel=633334 RB=245@0



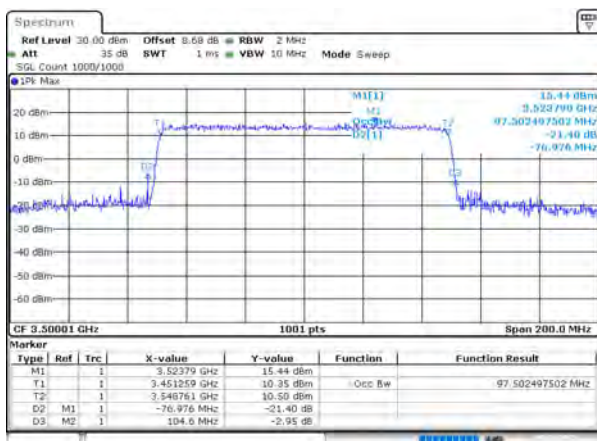
Date: 15/08/2025 15:00:50

n78(3450-3550) SCS=30kHz CP_256QAM BW=90MHz
Channel=633334 RB=245@0



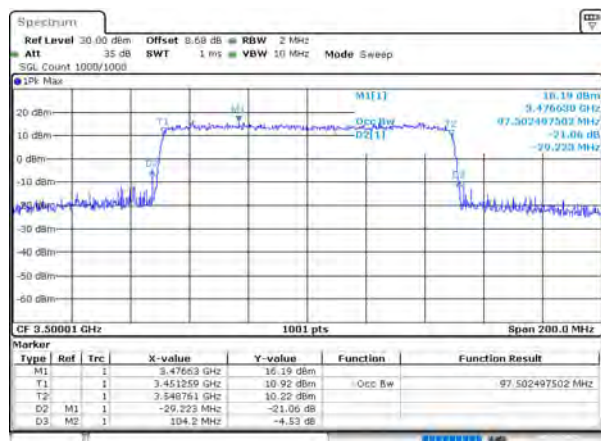
Date: 15/08/2025 15:00:51

n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
Channel=633334 RB=270@0



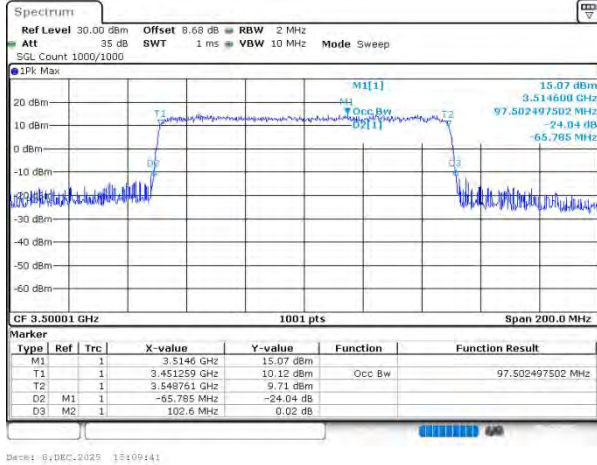
Date: 15/08/2025 15:00:52

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

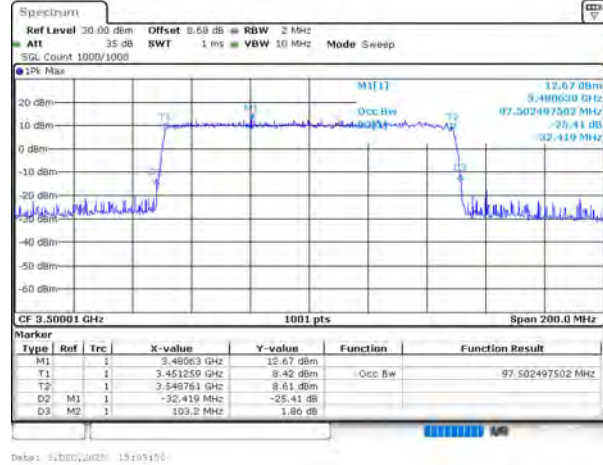


Date: 15/08/2025 15:00:54

n78(3450-3550) SCS=30kHz CP_16QAM BW=100MHz
Channel=633334 RB=273@0

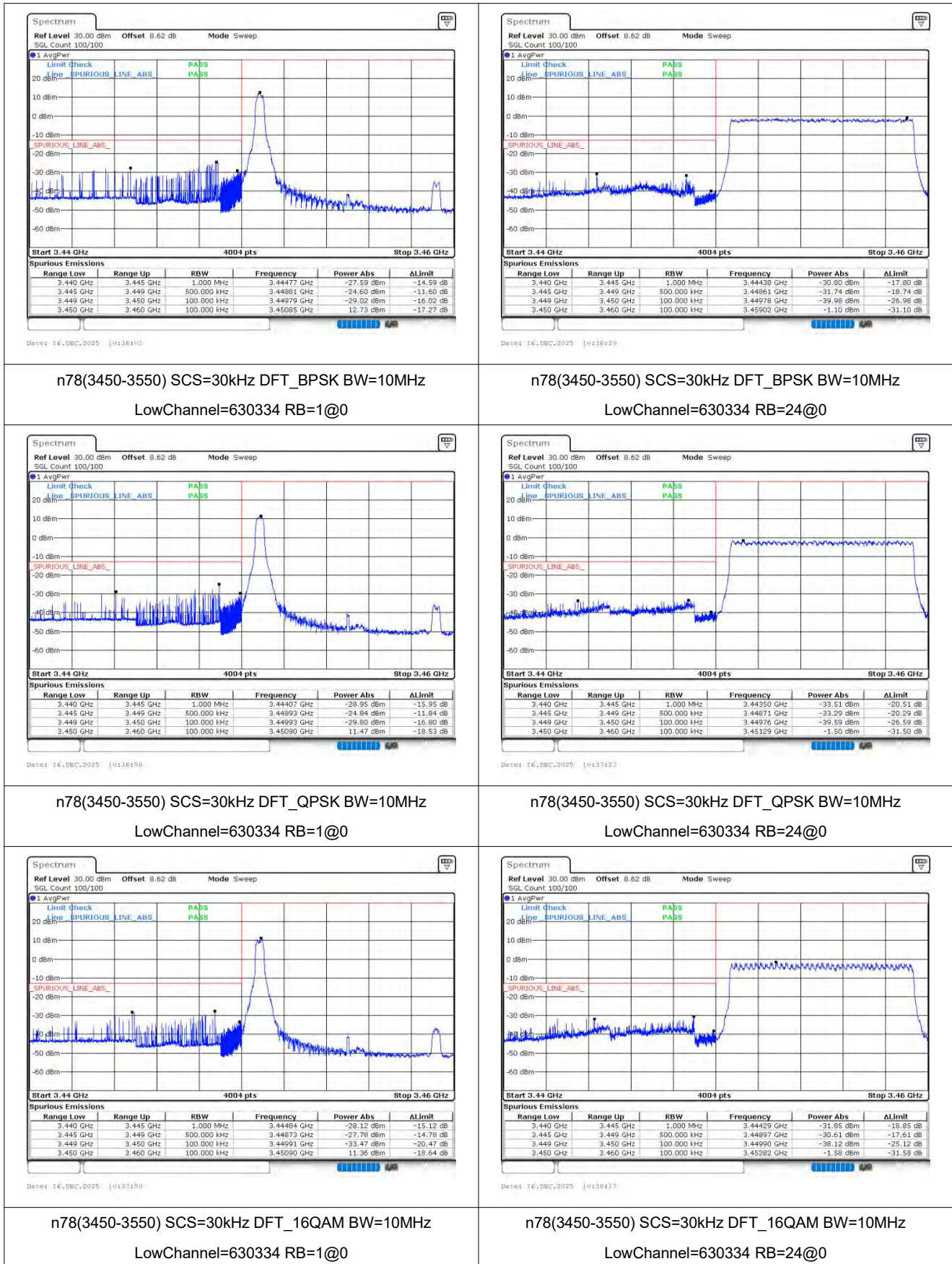


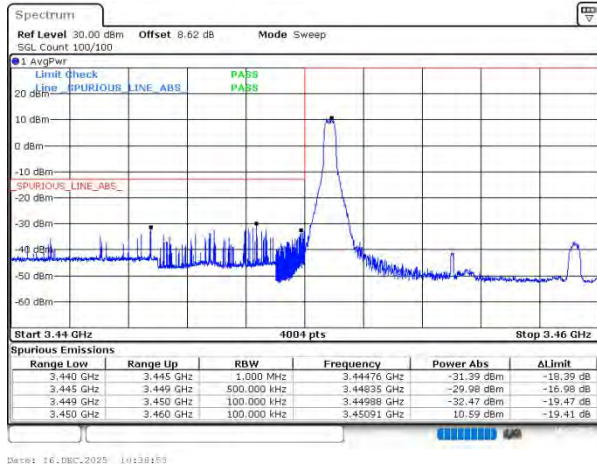
n78(3450-3550) SCS=30kHz CP_64QAM BW=100MHz
Channel=633334 RB=273@0



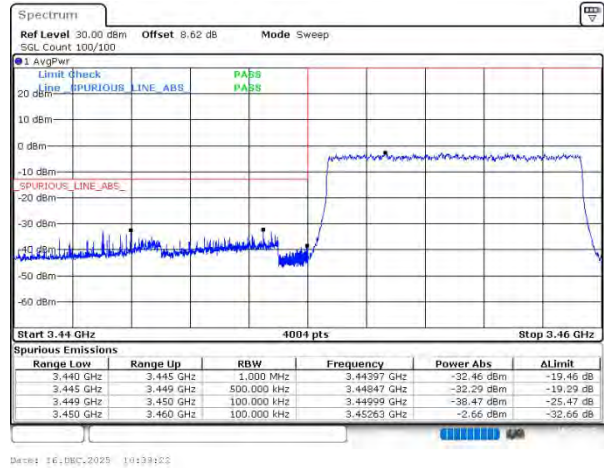
n78(3450-3550) SCS=30kHz CP_256QAM BW=100MHz
Channel=633334 RB=273@0

5. Conducted Band Edge

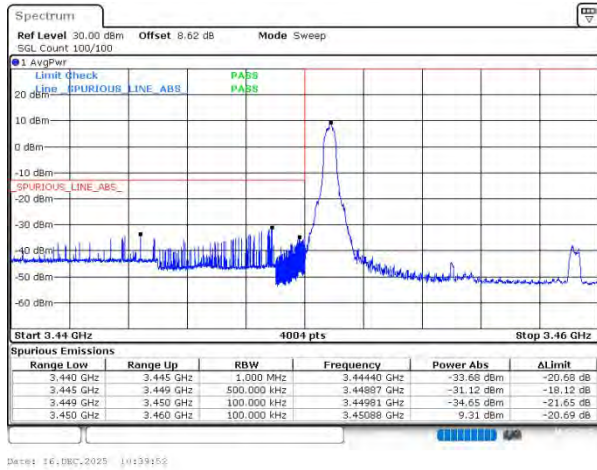




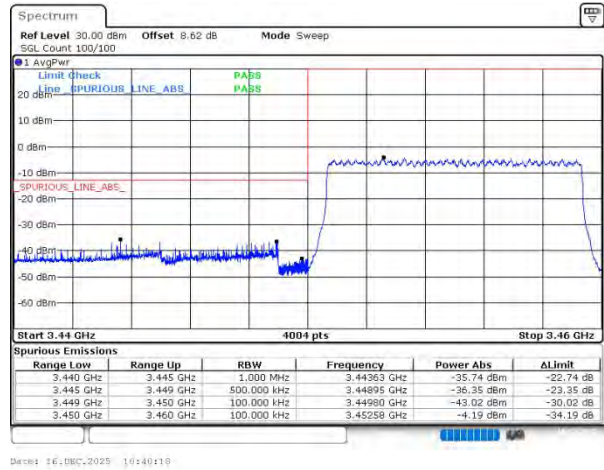
n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=630334 RB=1@0



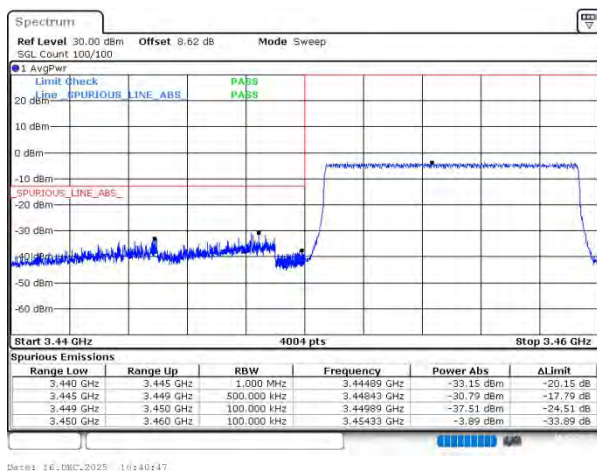
n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=630334 RB=24@0



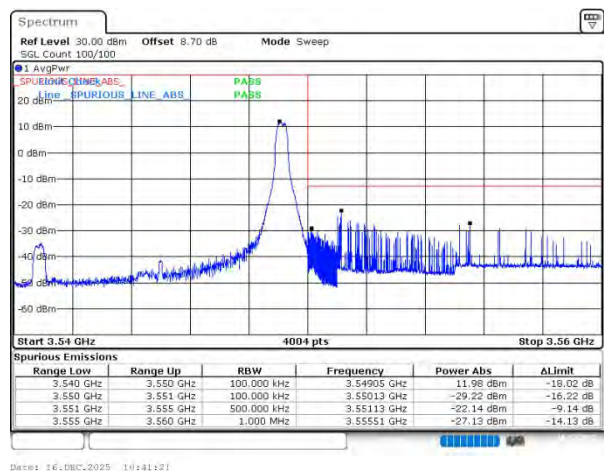
n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=630334 RB=1@0



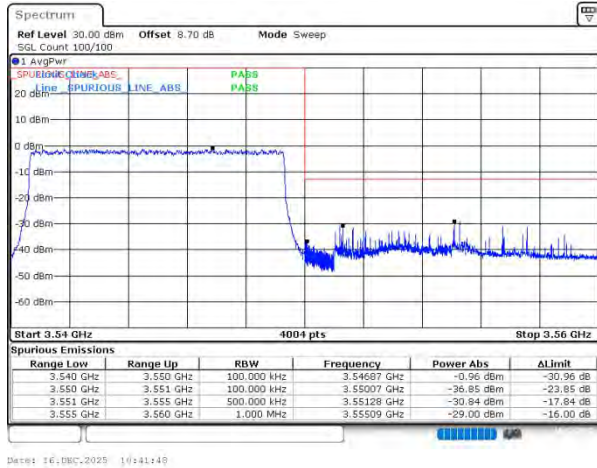
n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=630334 RB=24@0



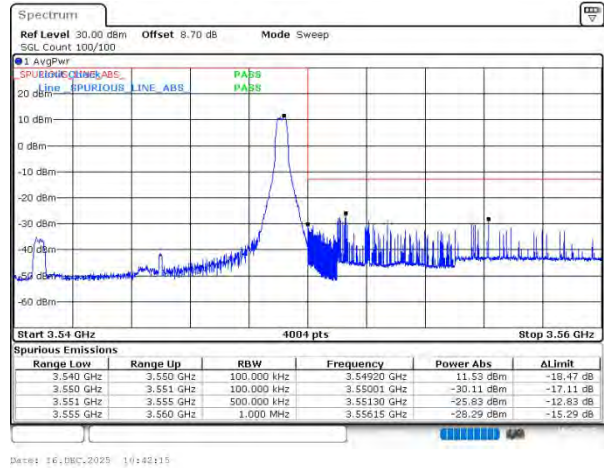
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
LowChannel=630334 RB=24@0



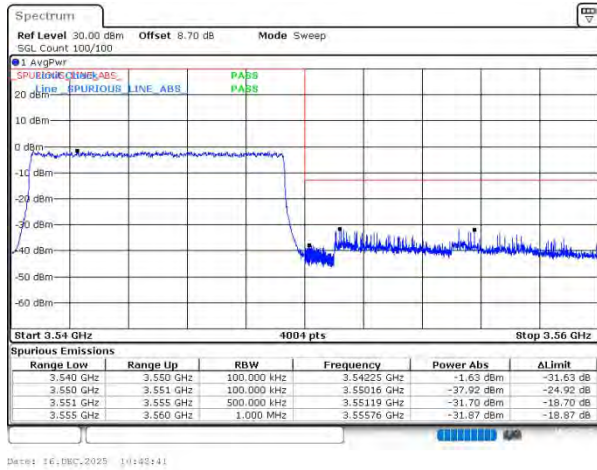
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=636332 RB=1@23



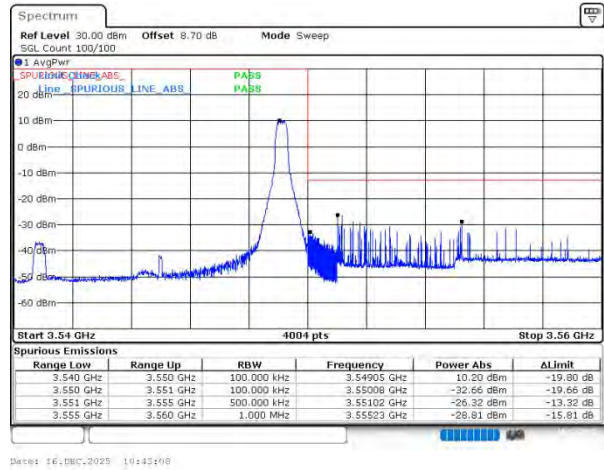
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=636332 RB=24@0



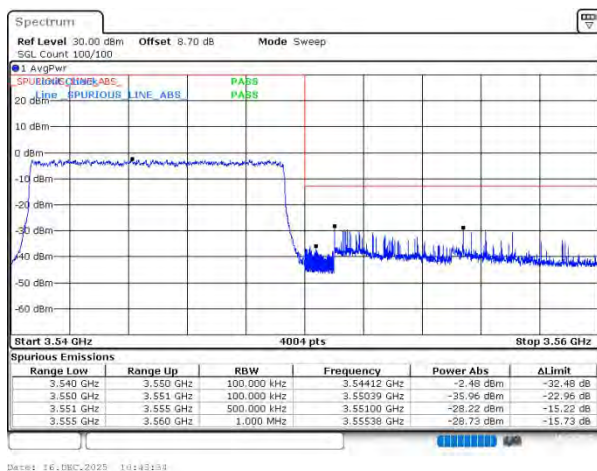
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz
HighChannel=636332 RB=1@23



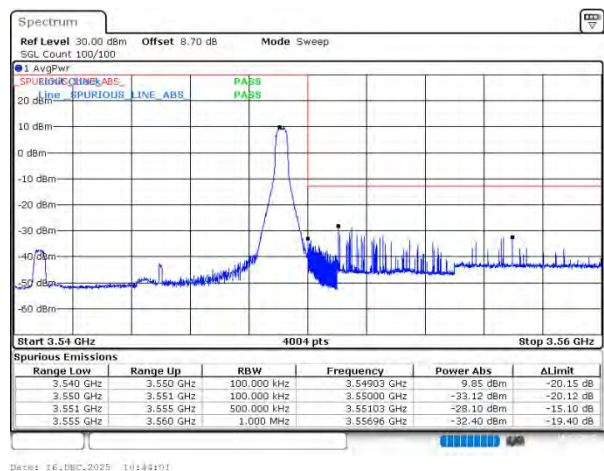
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz
HighChannel=636332 RB=24@0



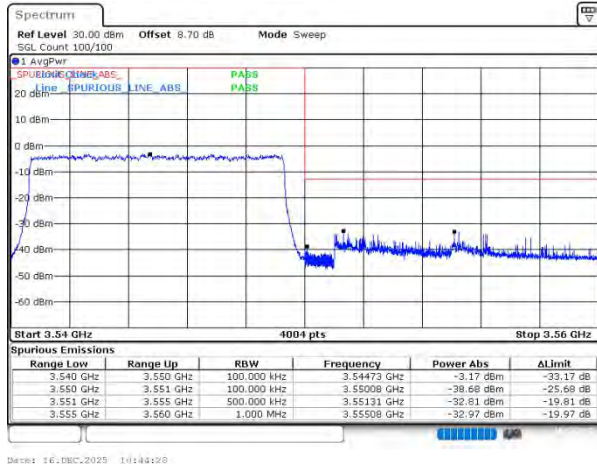
n78(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz
HighChannel=636332 RB=1@23



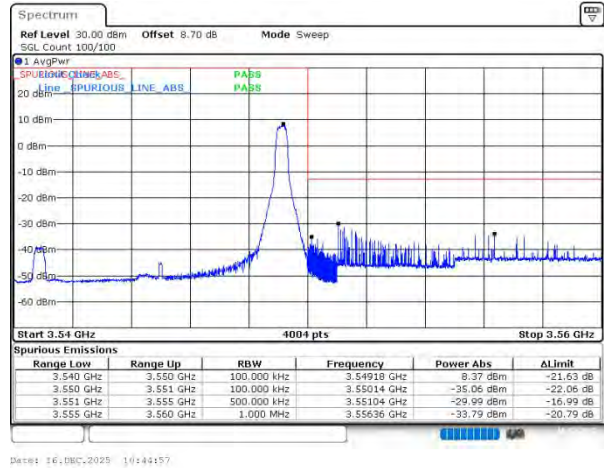
n78(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz
HighChannel=636332 RB=24@0



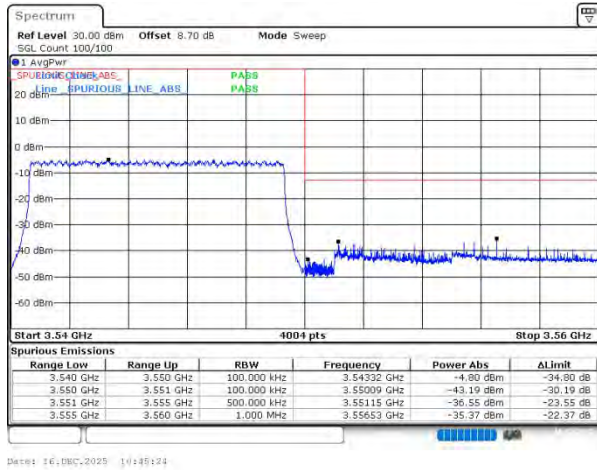
n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
HighChannel=636332 RB=1@23



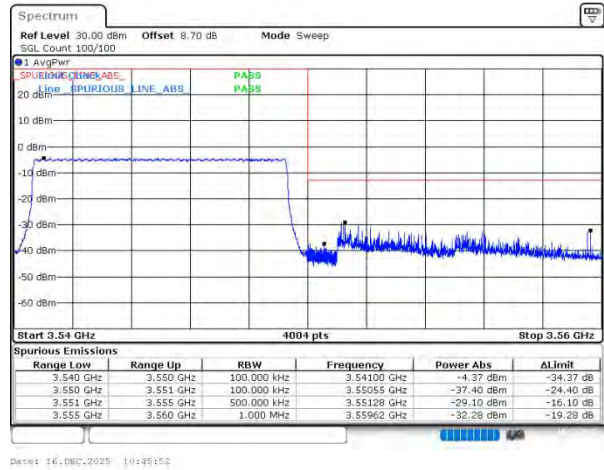
n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
HighChannel=636332 RB=24@0



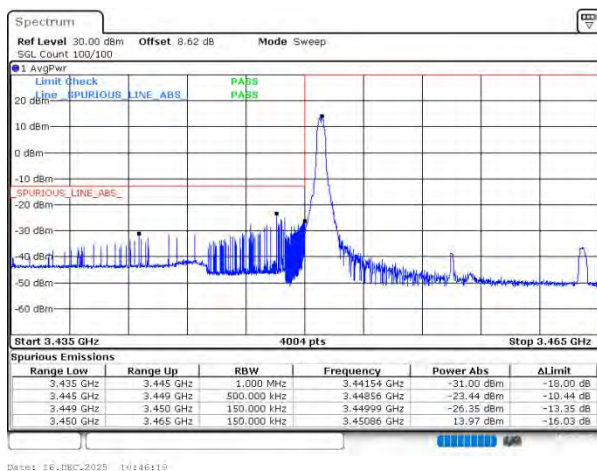
n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
HighChannel=636332 RB=1@23



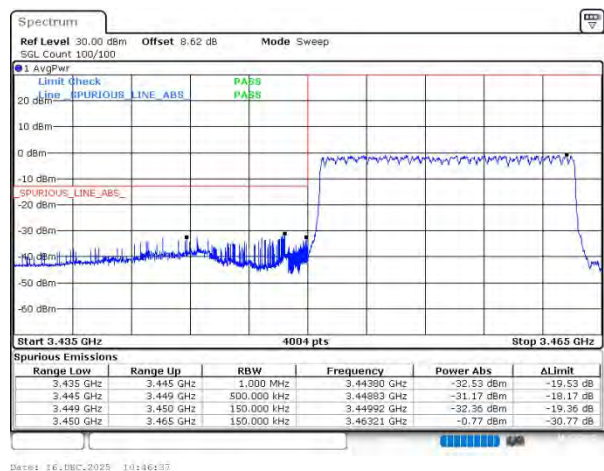
n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz
HighChannel=636332 RB=24@0



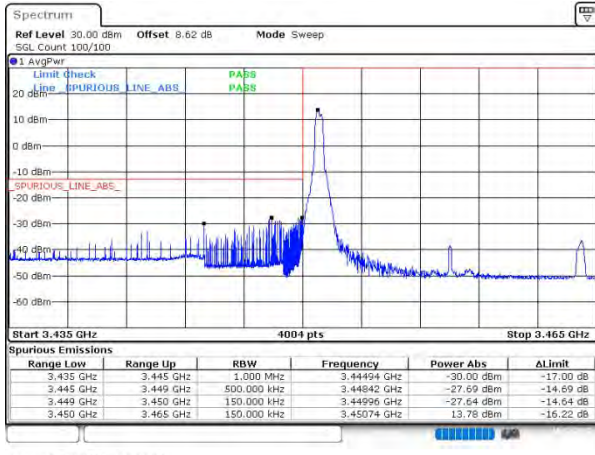
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
HighChannel=636332 RB=24@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
LowChannel=630500 RB=1@0

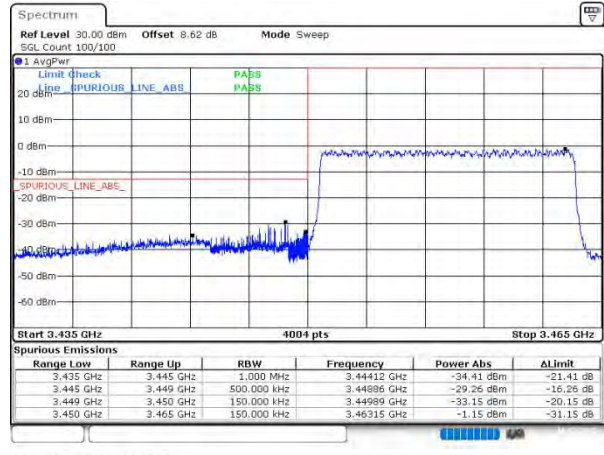


n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
LowChannel=630500 RB=36@0



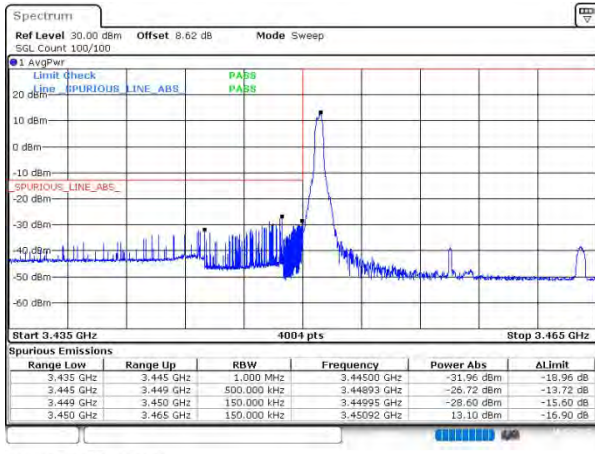
Date: 16, DEC, 2025 10:46:16

n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz
LowChannel=630500 RB=1@0



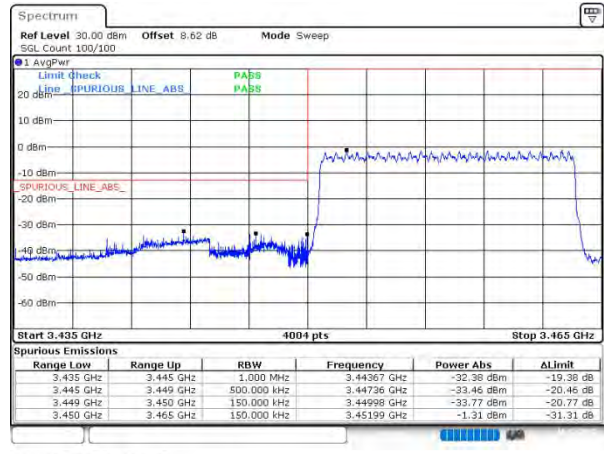
Date: 16, DEC, 2025 10:47:15

n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz
LowChannel=630500 RB=36@0



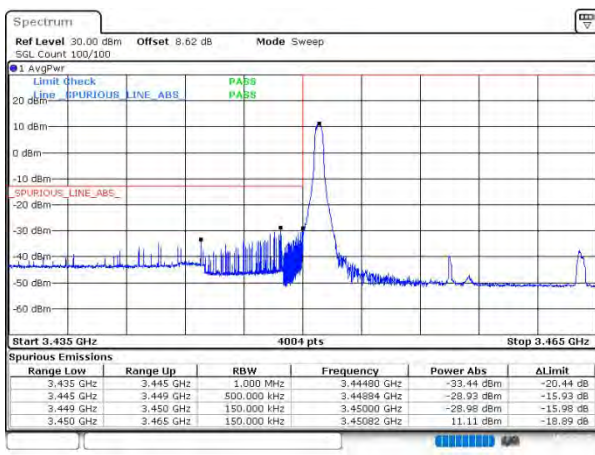
Date: 16, DEC, 2025 10:47:18

n78(3450-3550) SCS=30kHz DFT_16QAM BW=15MHz
LowChannel=630500 RB=1@0



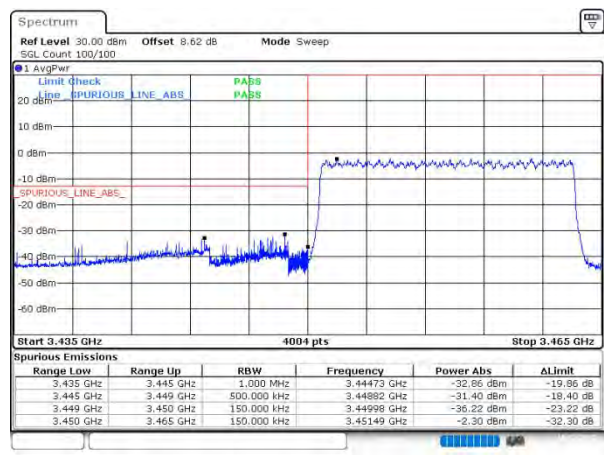
Date: 16, DEC, 2025 10:48:15

n78(3450-3550) SCS=30kHz DFT_16QAM BW=15MHz
LowChannel=630500 RB=36@0



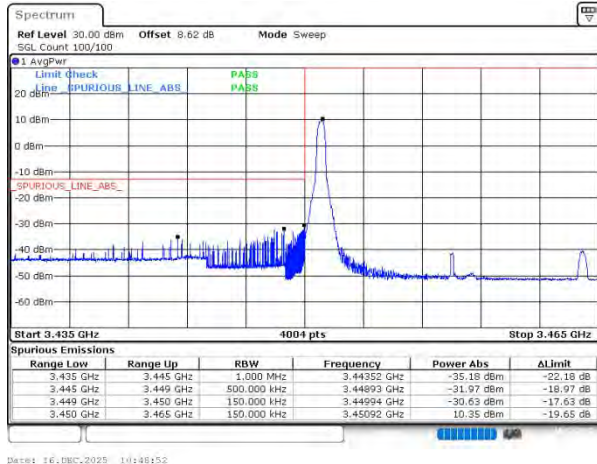
Date: 16, DEC, 2025 10:48:12

n78(3450-3550) SCS=30kHz DFT_64QAM BW=15MHz
LowChannel=630500 RB=1@0

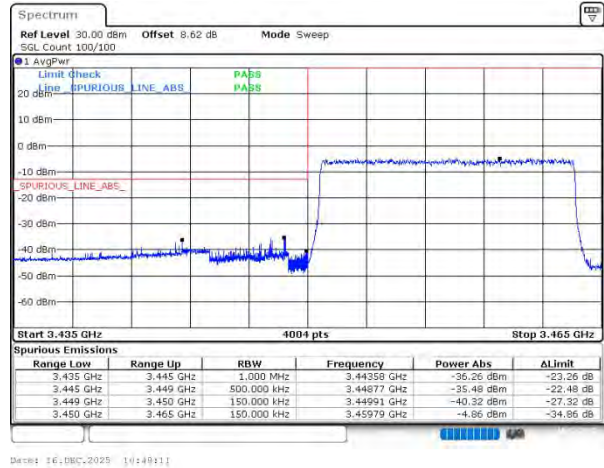


Date: 16, DEC, 2025 10:48:10

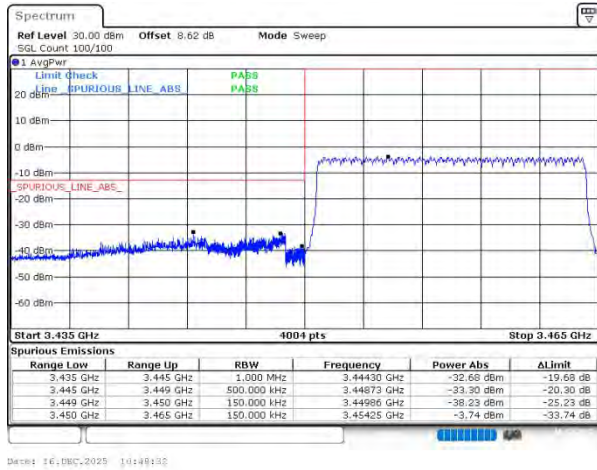
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LowChannel=630500 RB=36@0



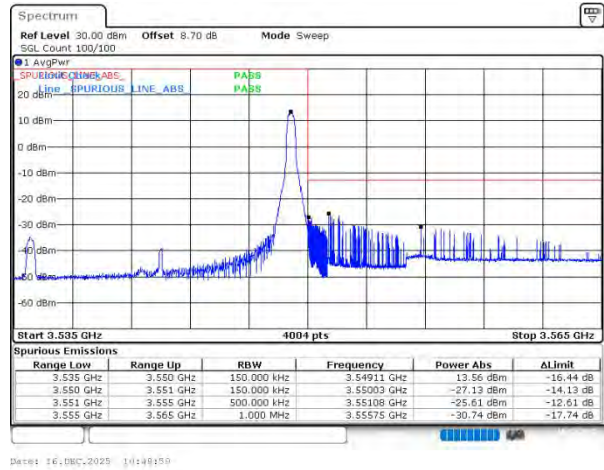
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LowChannel=630500 RB=1@0



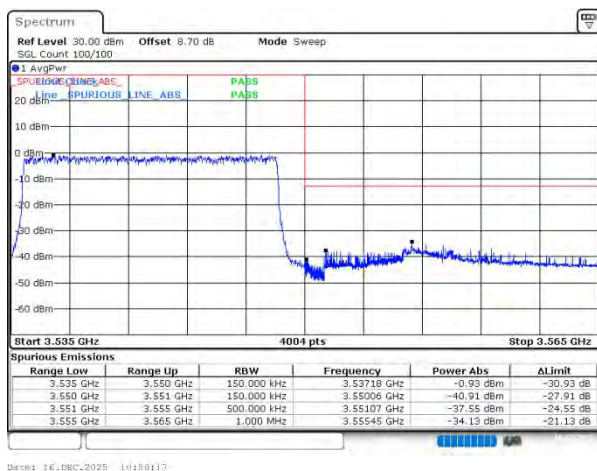
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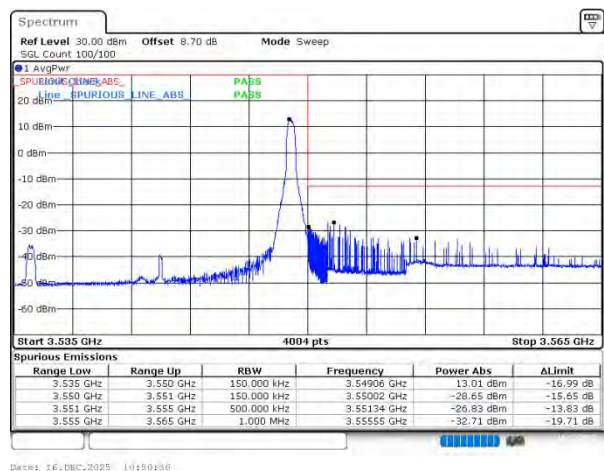
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LowChannel=630500 RB=38@0



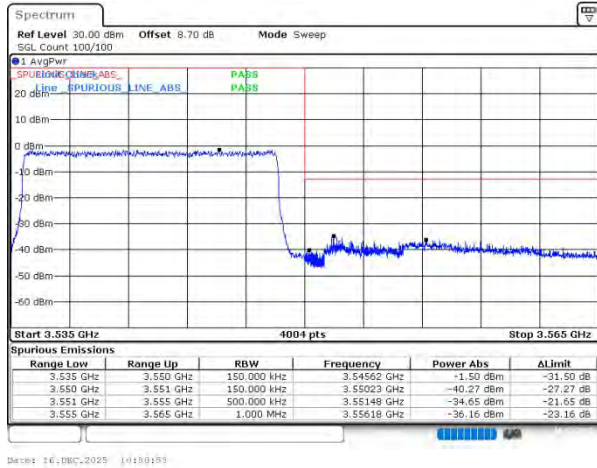
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HighChannel=636166 RB=1@37



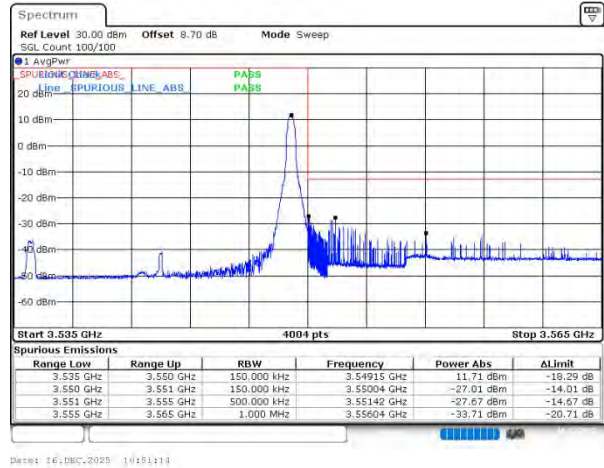
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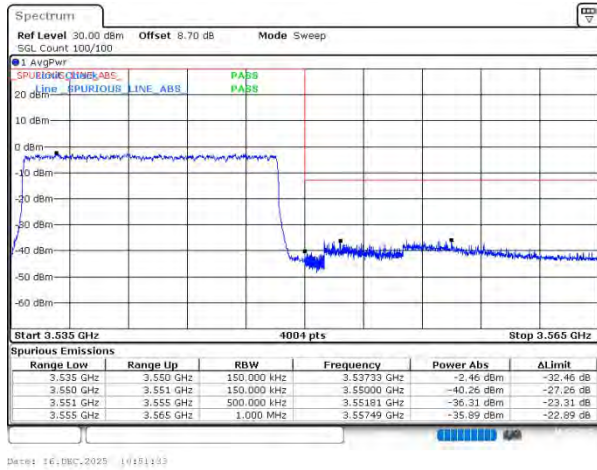
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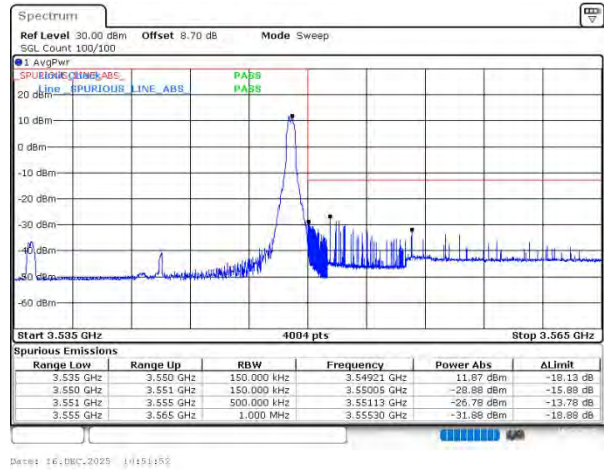
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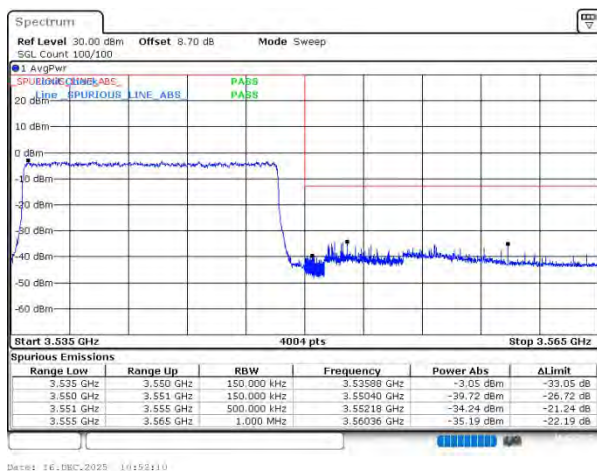
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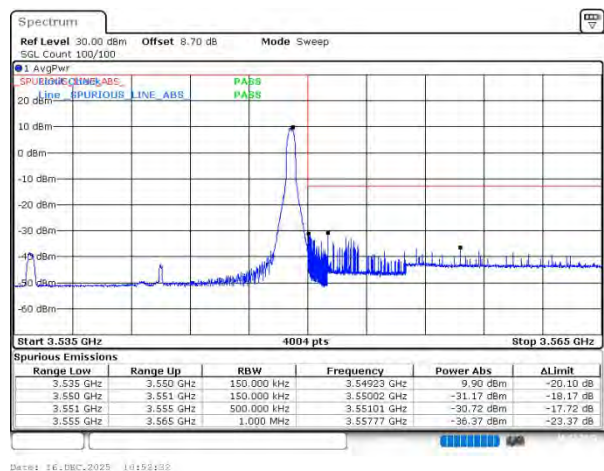
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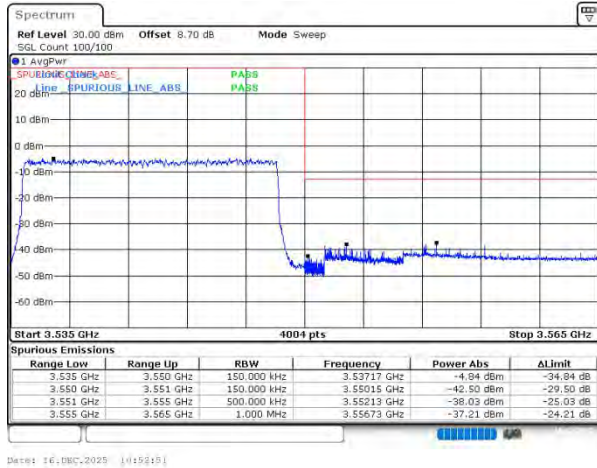
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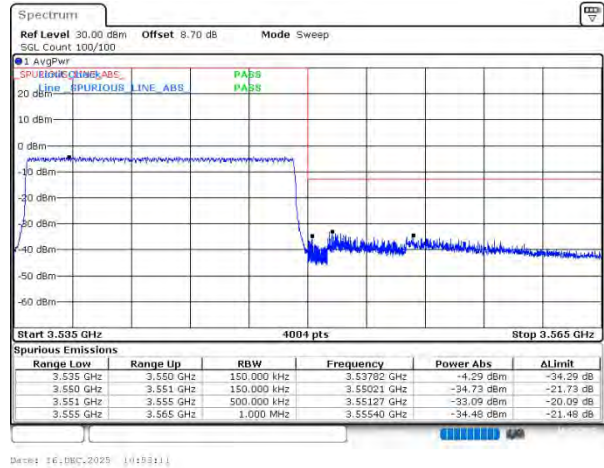
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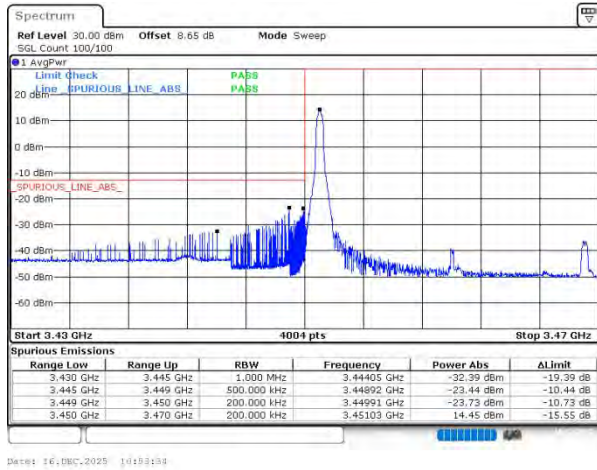
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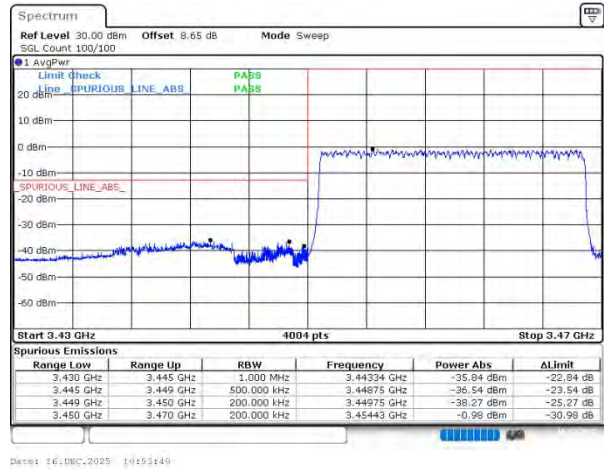
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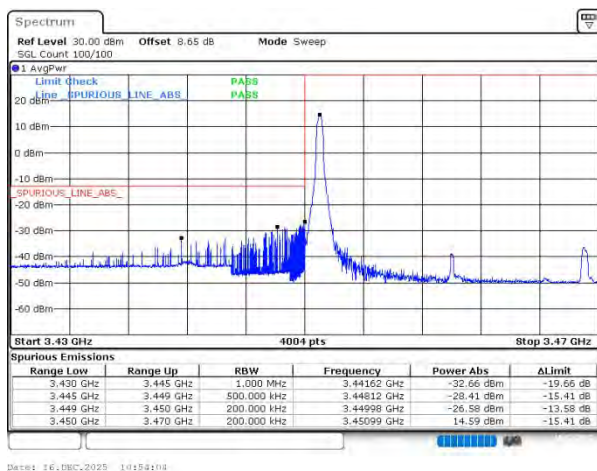
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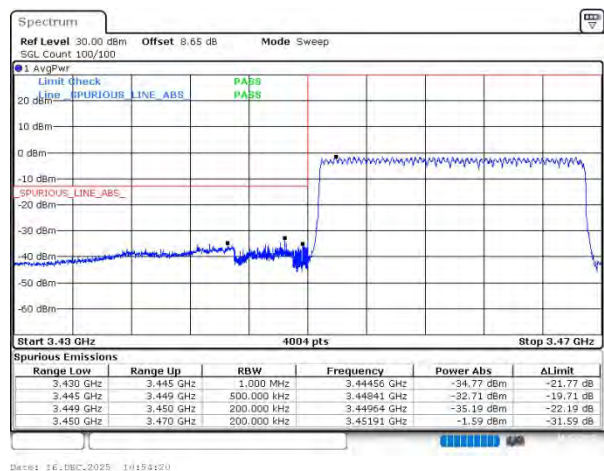
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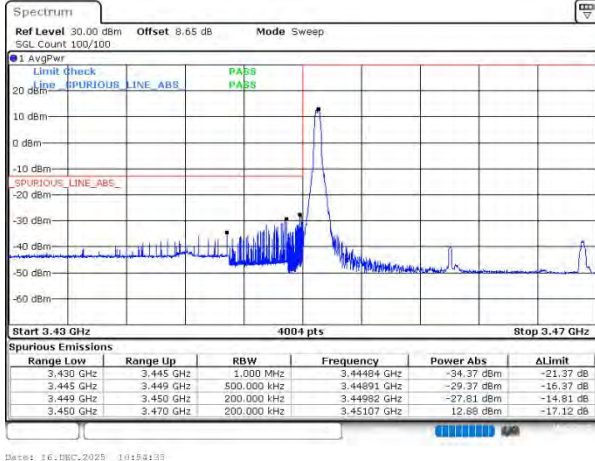
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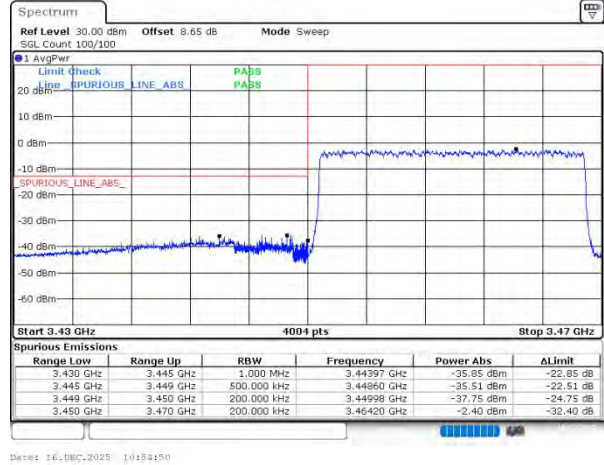
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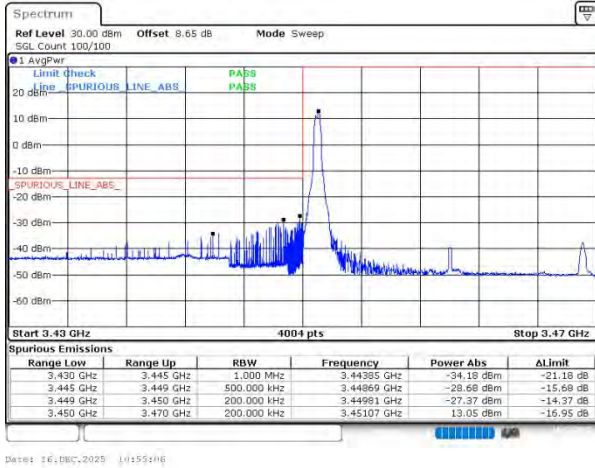
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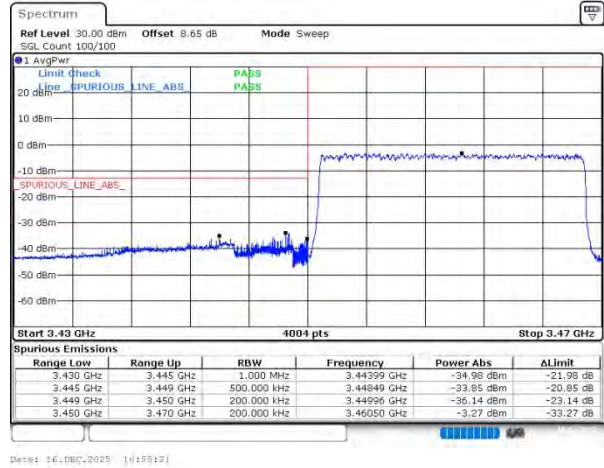
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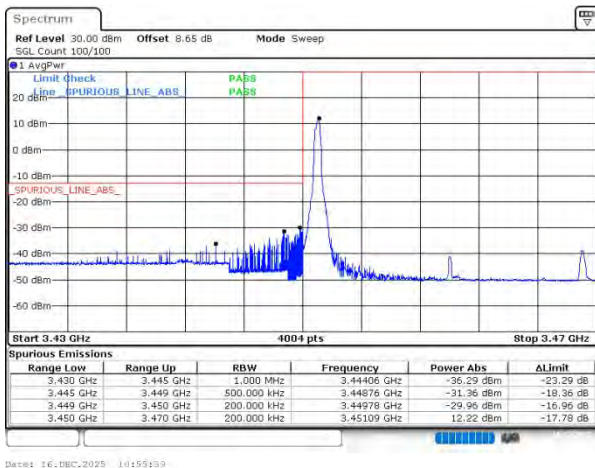
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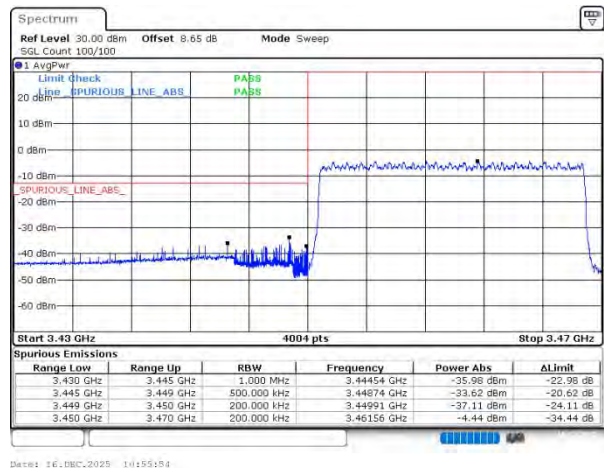
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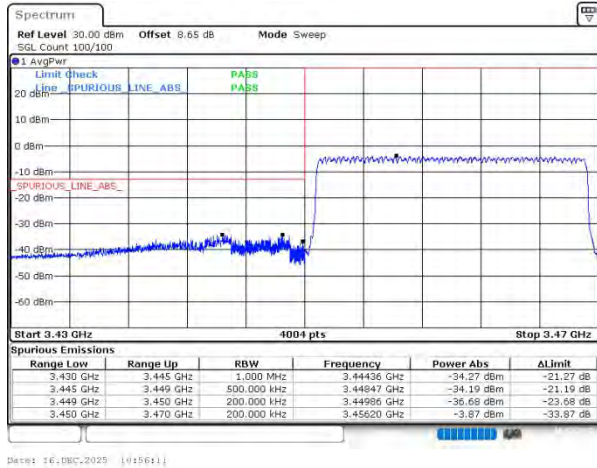
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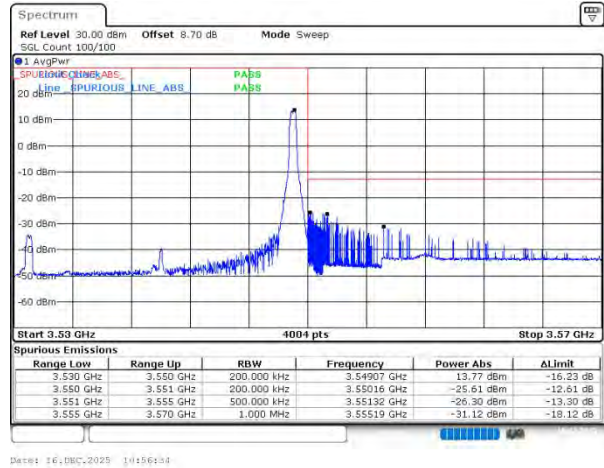
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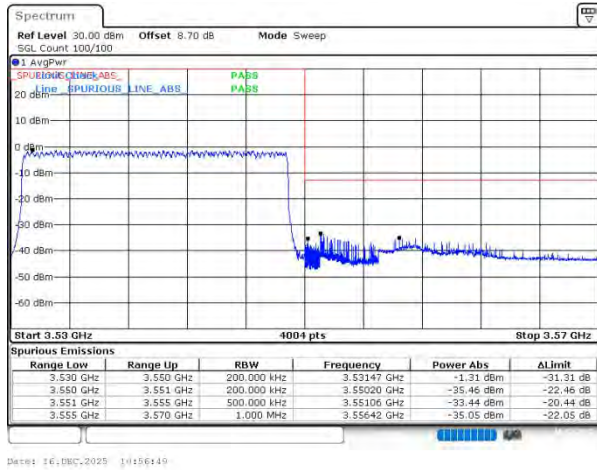
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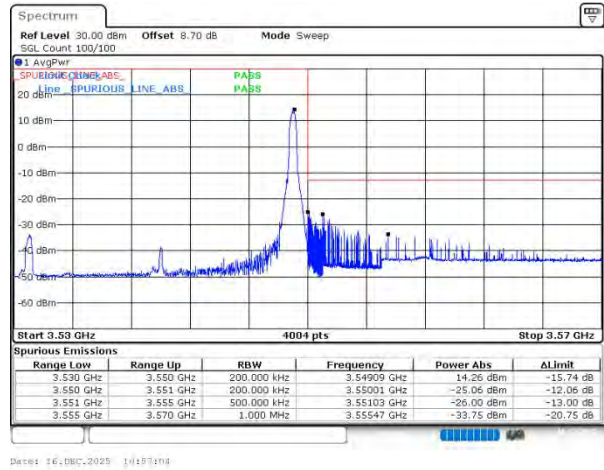
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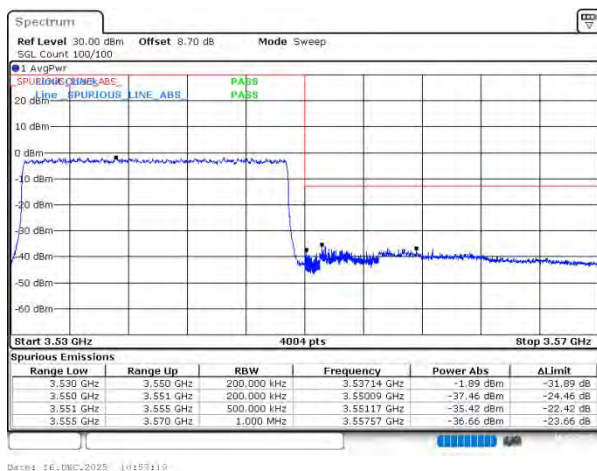
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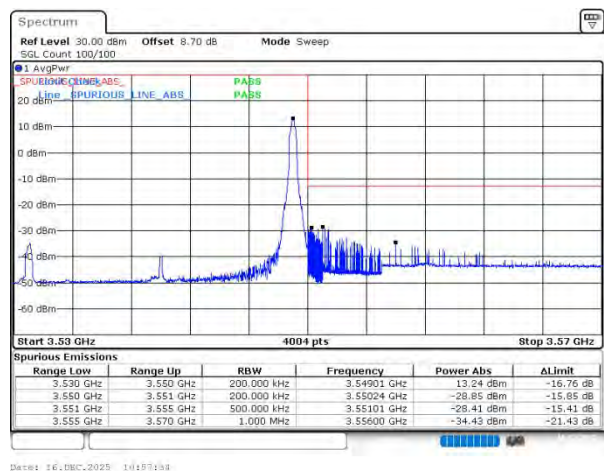
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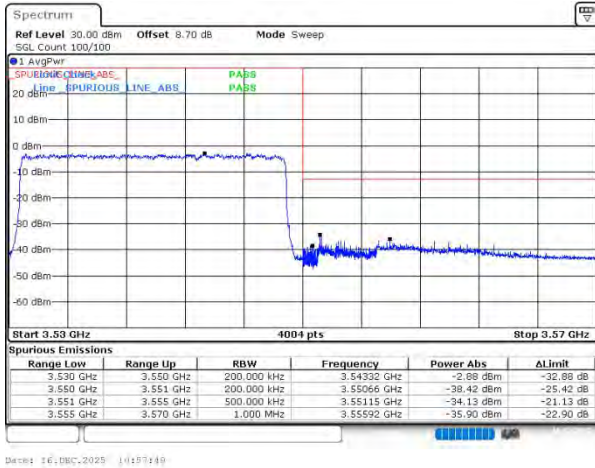
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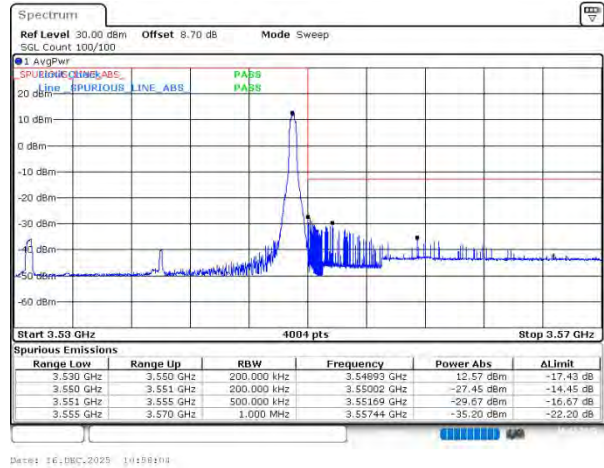
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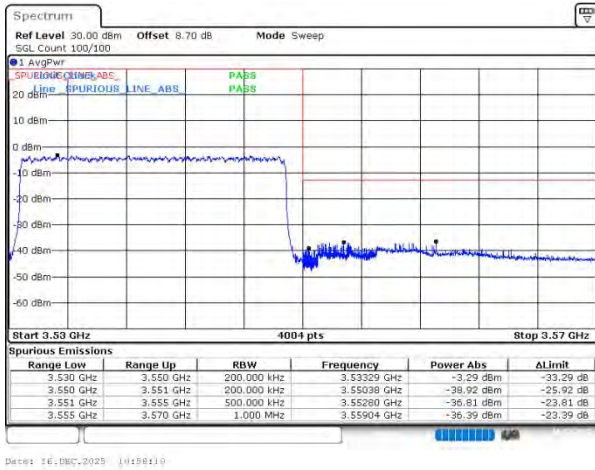
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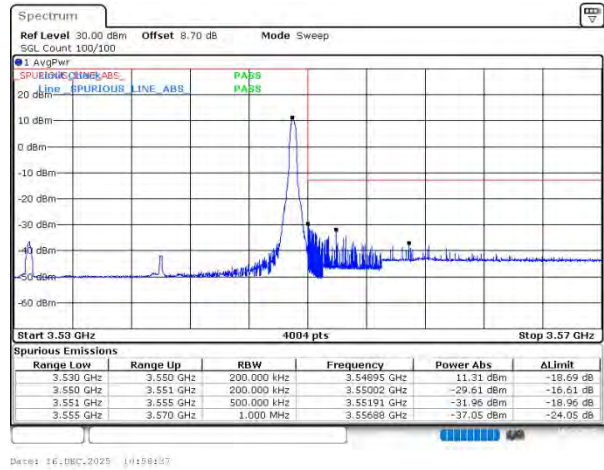
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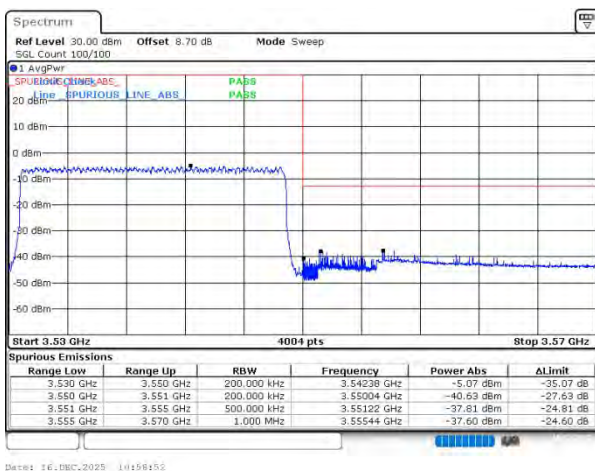
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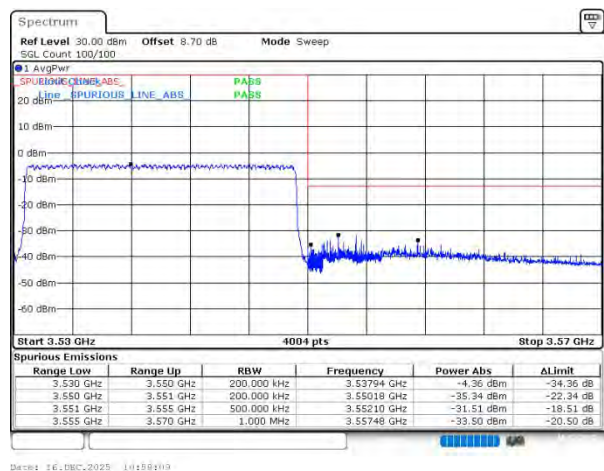
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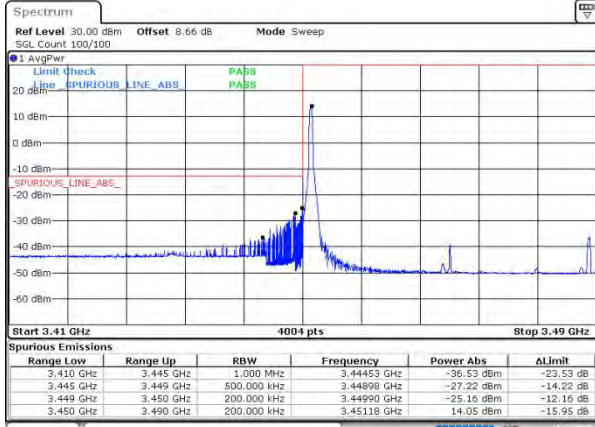
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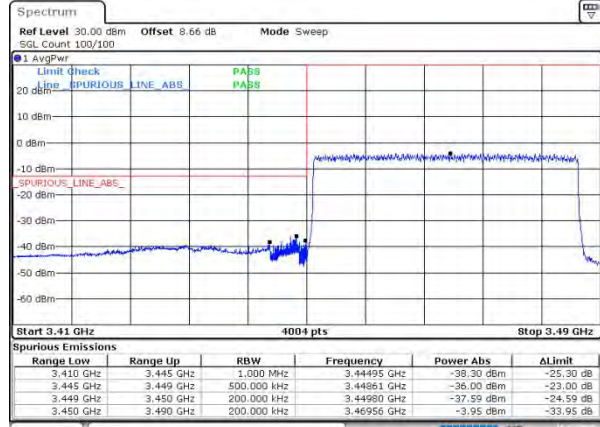


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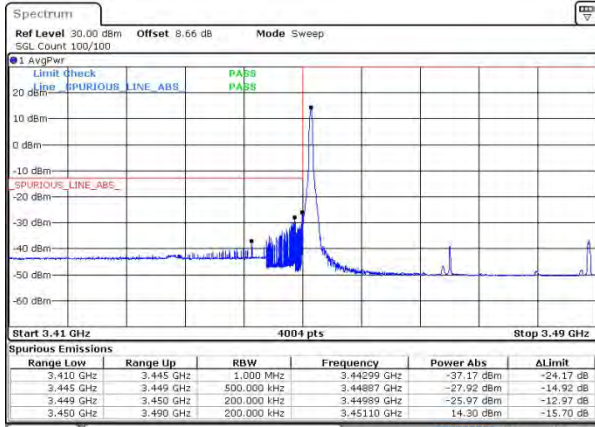
Date: 16, DEC, 2025 11:59:45

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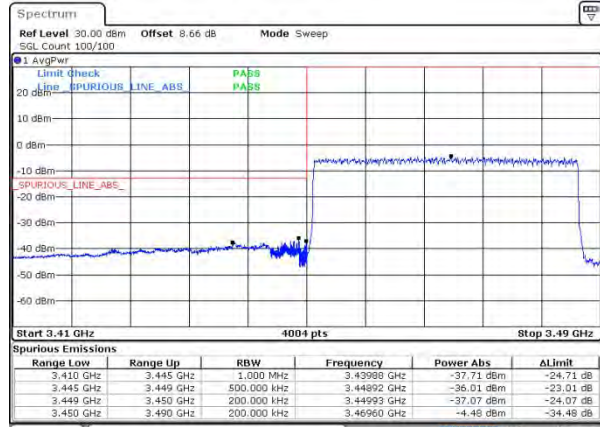
Date: 16, DEC, 2025 11:00:00

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LowChannel=631334 RB=100@0



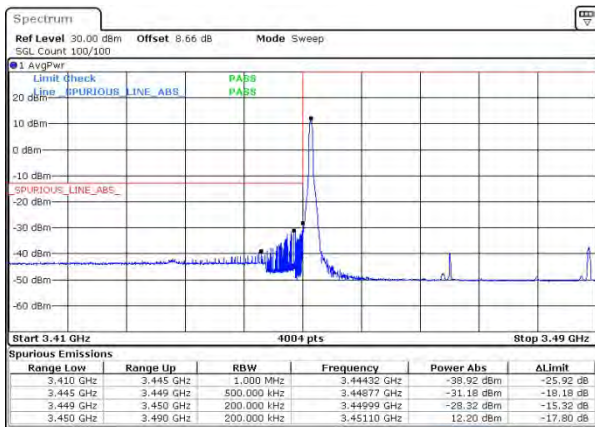
Date: 16, DEC, 2025 11:00:06

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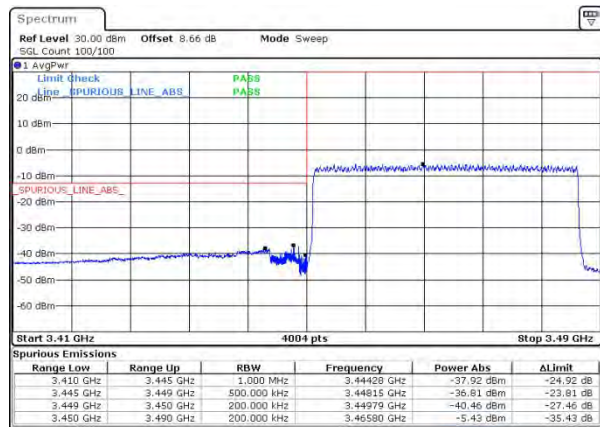
Date: 16, DEC, 2025 11:01:02

n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz
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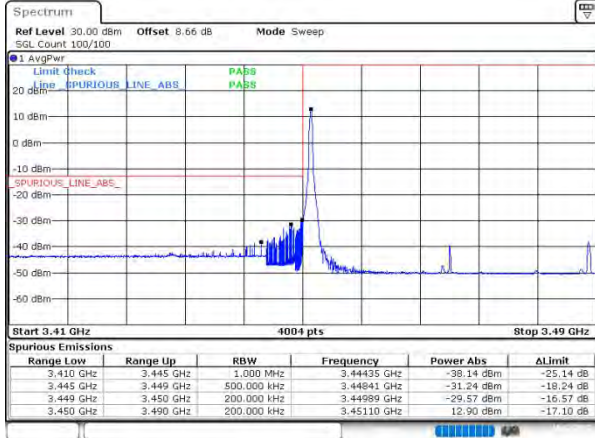
Date: 16, DEC, 2025 11:01:29

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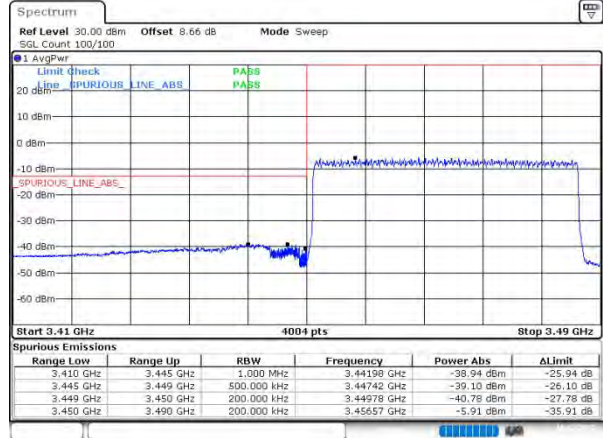
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LowChannel=631334 RB=100@0



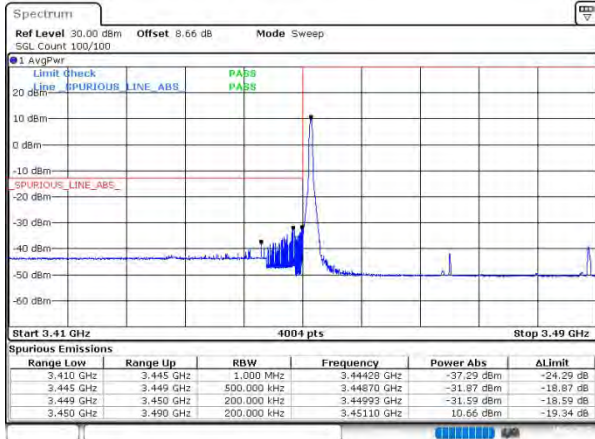
Date: 16.DEC.2025 11:02:22

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LowChannel=631334 RB=1@0



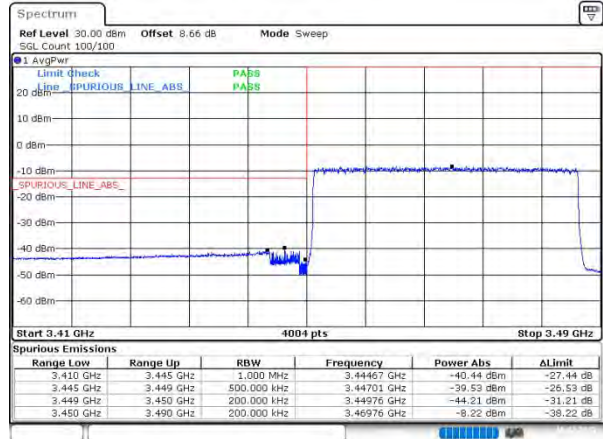
Date: 16.DEC.2025 11:02:40

n78(3450-3550) SCS=30kHz DFT_64QAM BW=40MHz
LowChannel=631334 RB=100@0



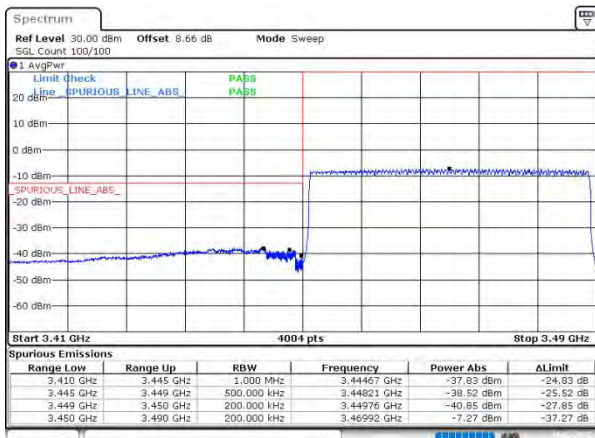
Date: 16.DEC.2025 11:03:10

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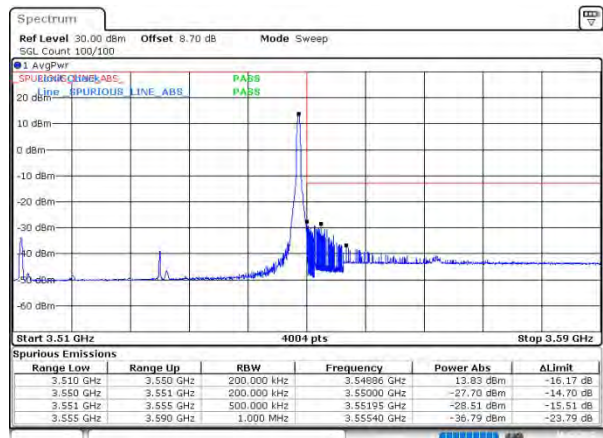
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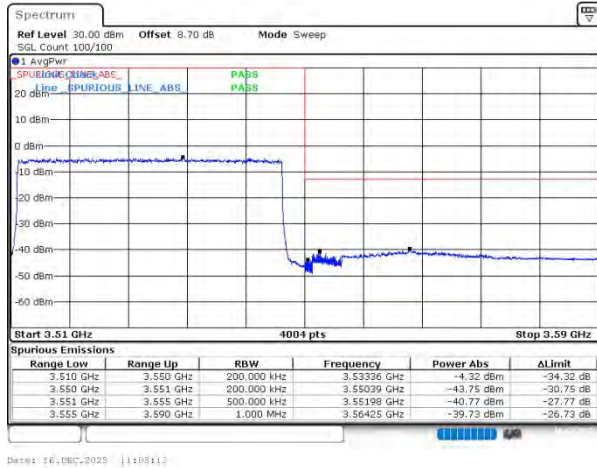
Date: 16.DEC.2025 11:04:14

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LowChannel=631334 RB=106@0

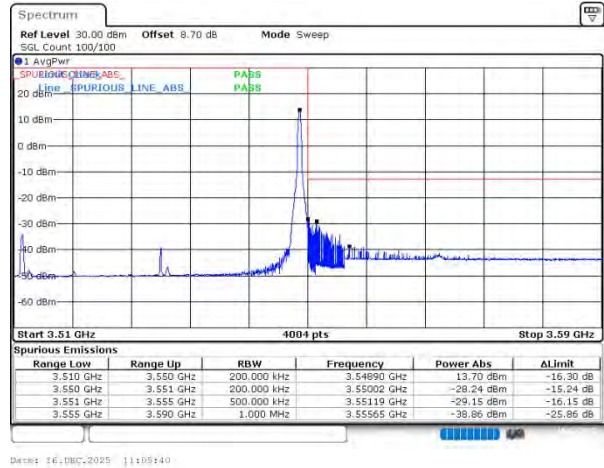


Date: 16.DEC.2025 11:04:47

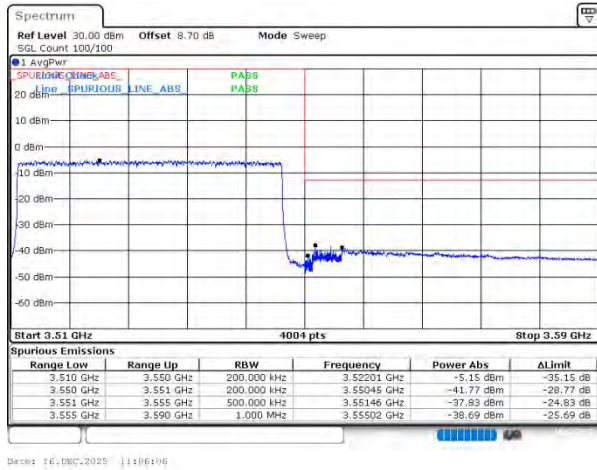
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz
HighChannel=635332 RB=1@105



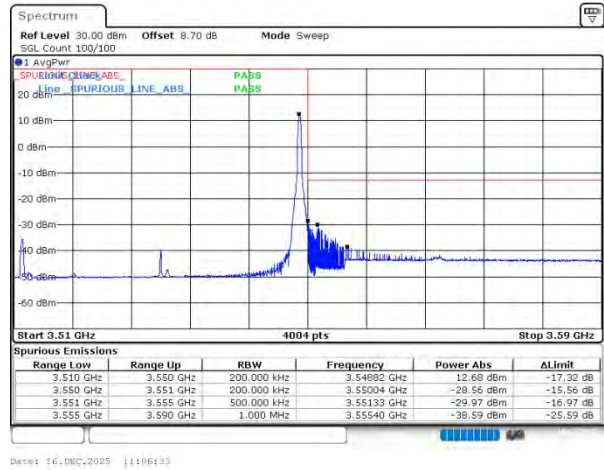
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HighChannel=635332 RB=100@0



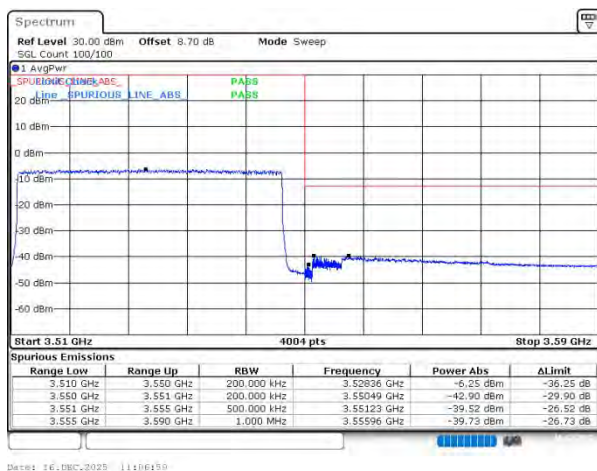
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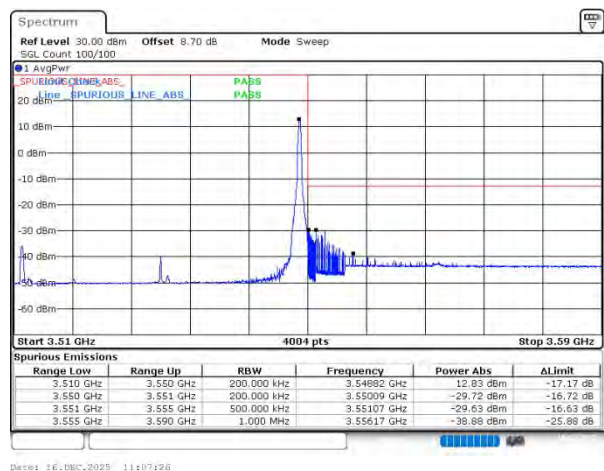
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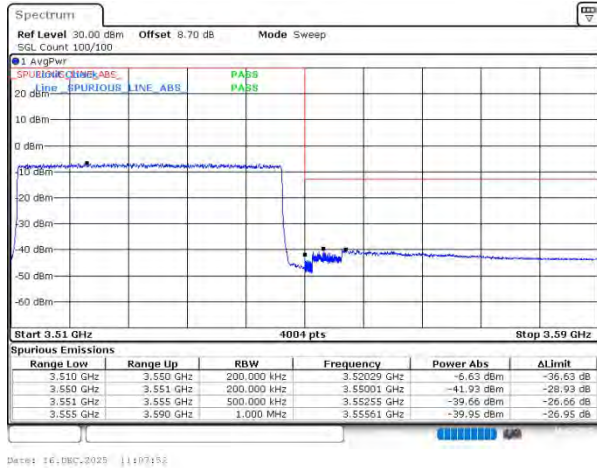
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HighChannel=635332 RB=1@105



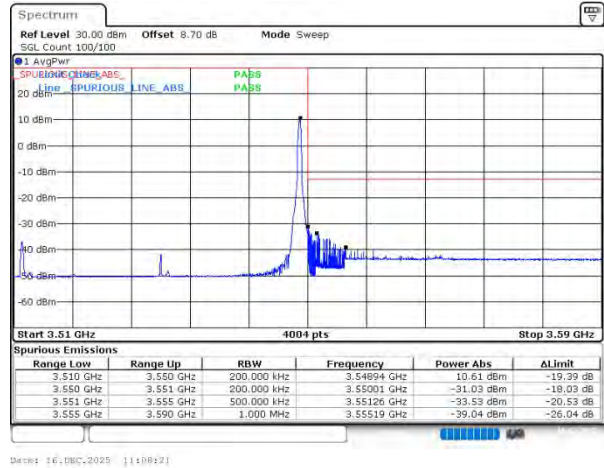
n78(3450-3550) SCS=30kHz DFT_16QAM BW=40MHz
HighChannel=635332 RB=100@0



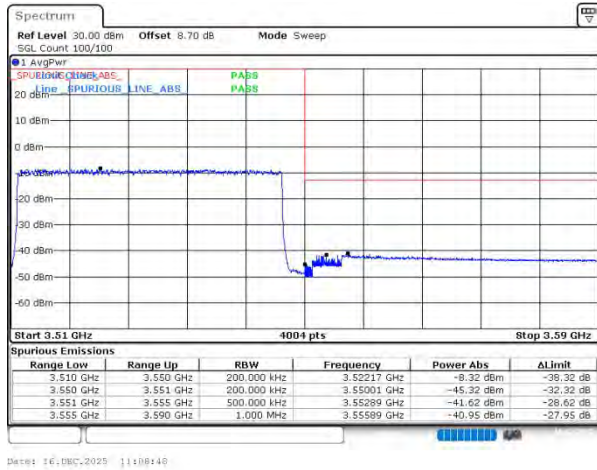
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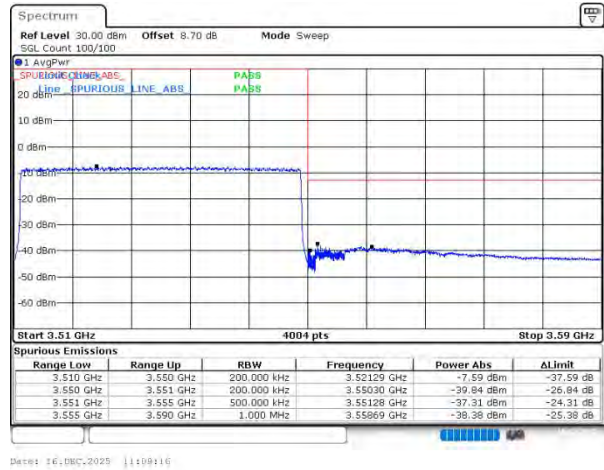
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HighChannel=635332 RB=100@0



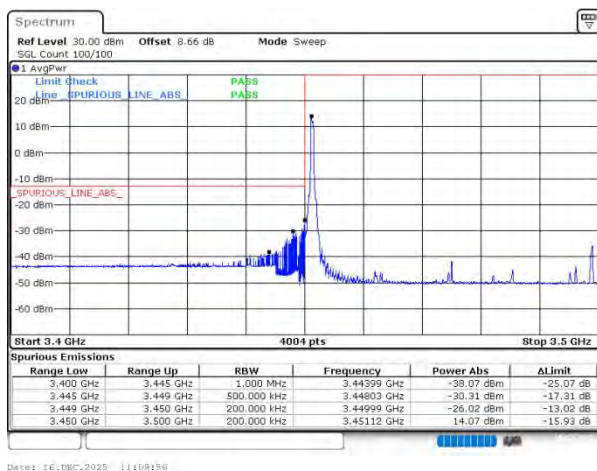
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HighChannel=635332 RB=1@105



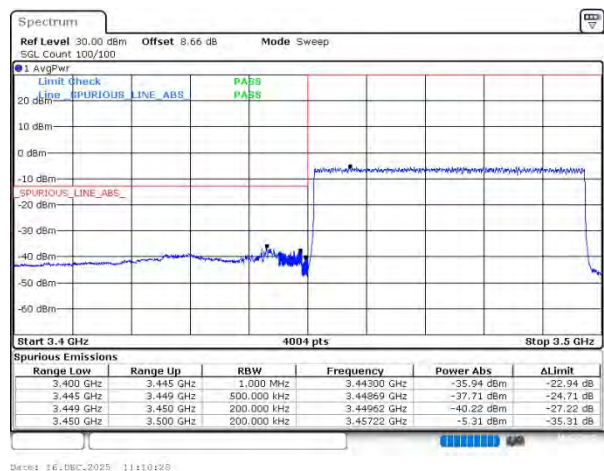
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HighChannel=635332 RB=100@0



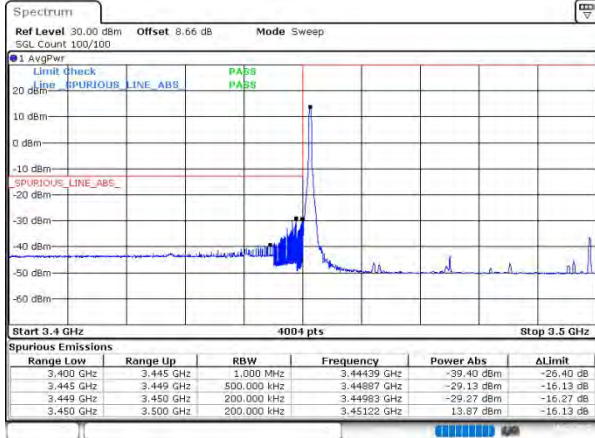
n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz
HighChannel=635332 RB=106@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz
LowChannel=631668 RB=1@0

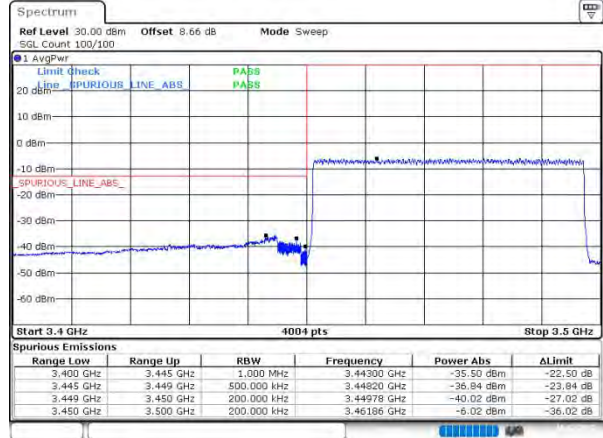


n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz
LowChannel=631668 RB=128@0



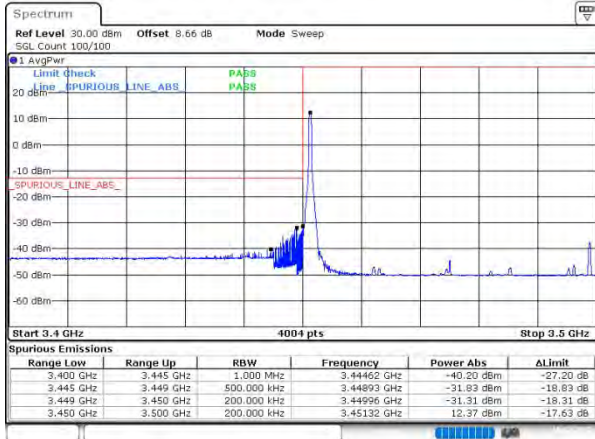
Date: 16.DEC.2025 11:11:00

n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz
LowChannel=631668 RB=1@0



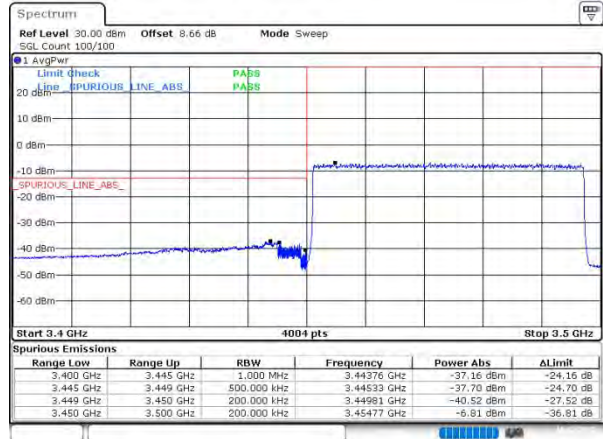
Date: 16.DEC.2025 11:11:02

n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz
LowChannel=631668 RB=128@0



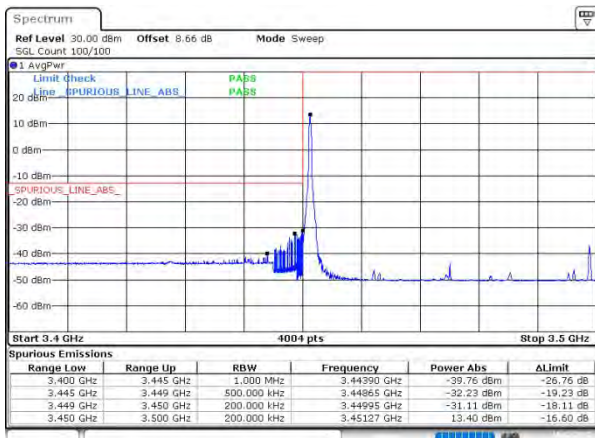
Date: 16.DEC.2025 11:12:04

n78(3450-3550) SCS=30kHz DFT_16QAM BW=50MHz
LowChannel=631668 RB=1@0



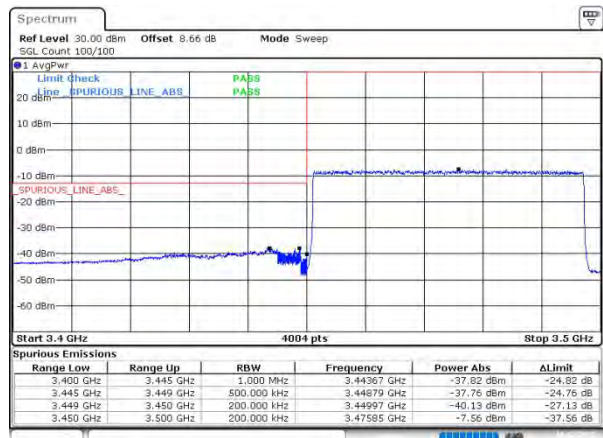
Date: 16.DEC.2025 11:12:06

n78(3450-3550) SCS=30kHz DFT_16QAM BW=50MHz
LowChannel=631668 RB=128@0



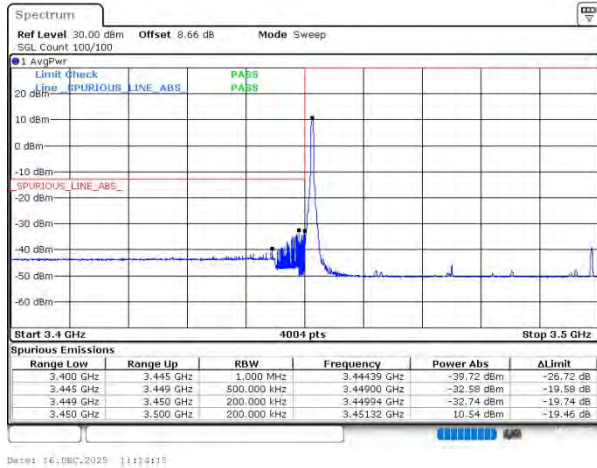
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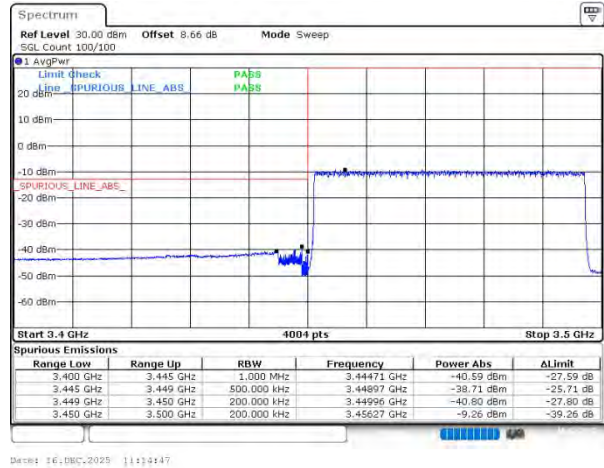


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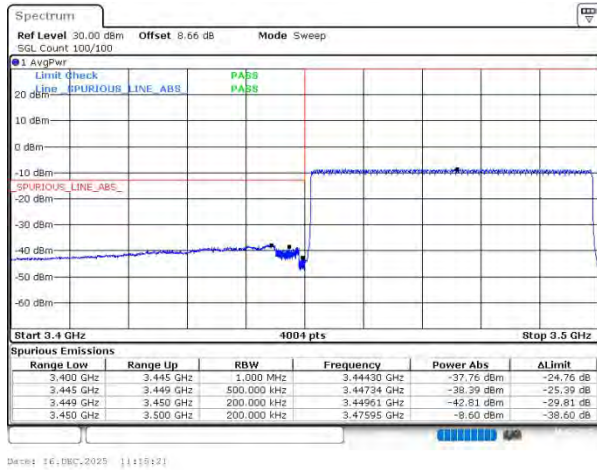
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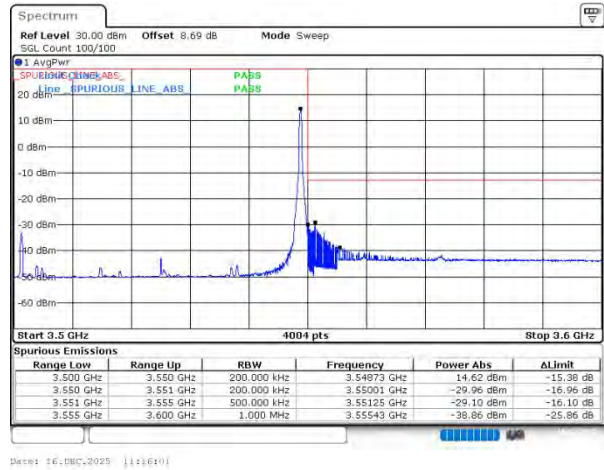
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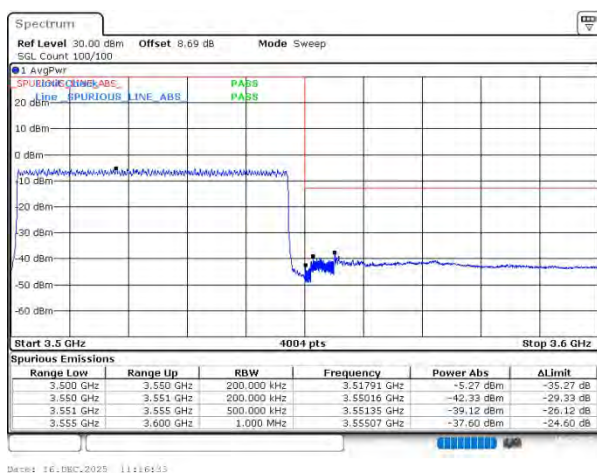
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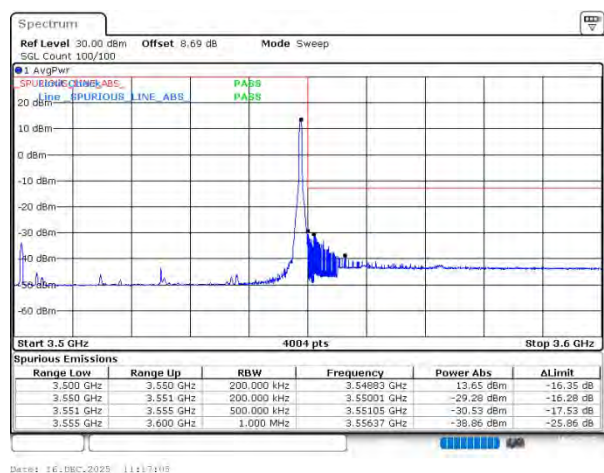
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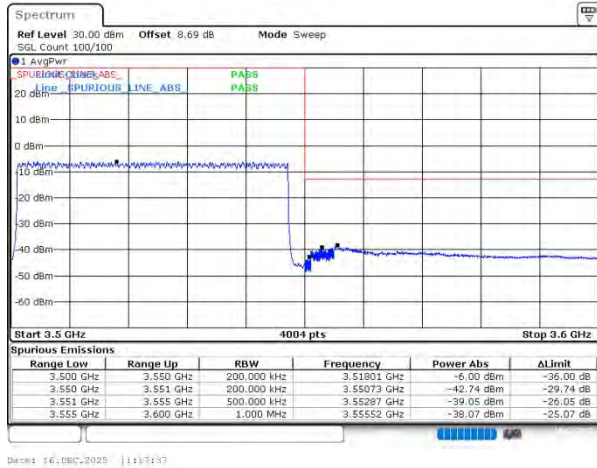
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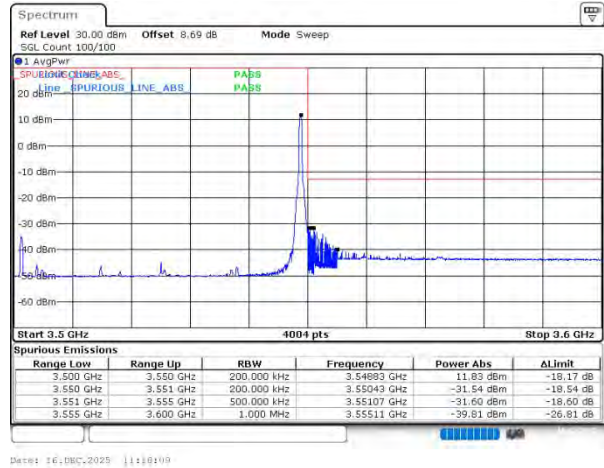
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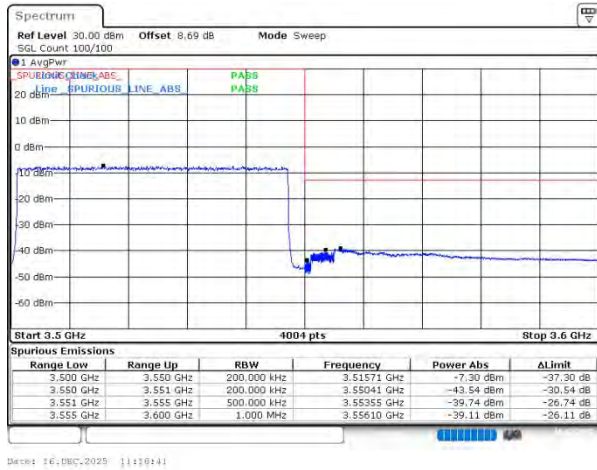
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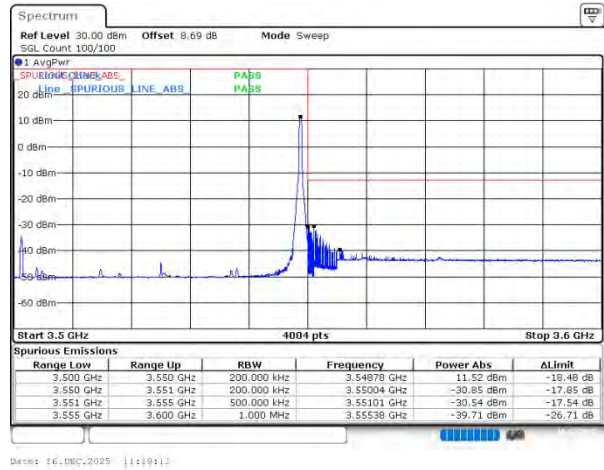
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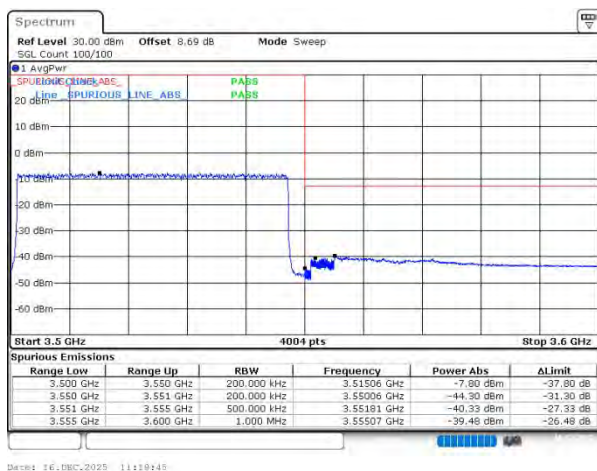
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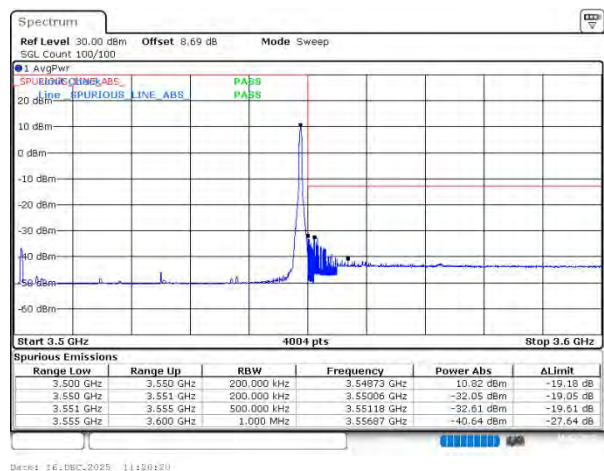
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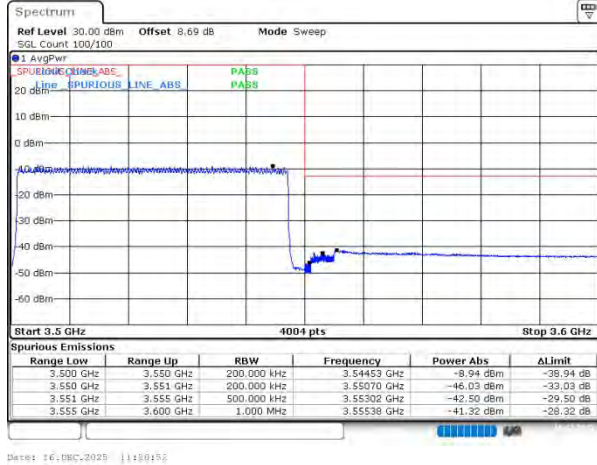
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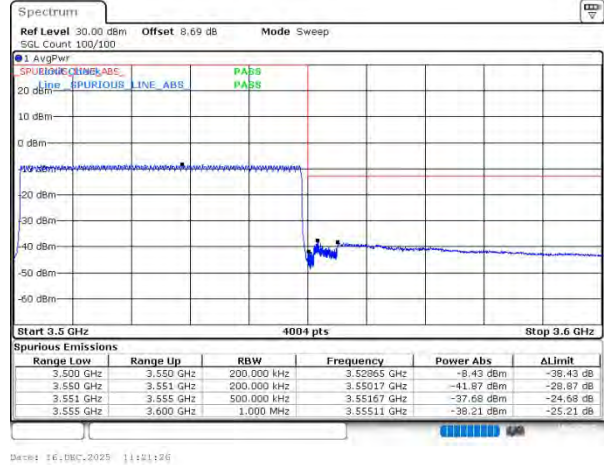
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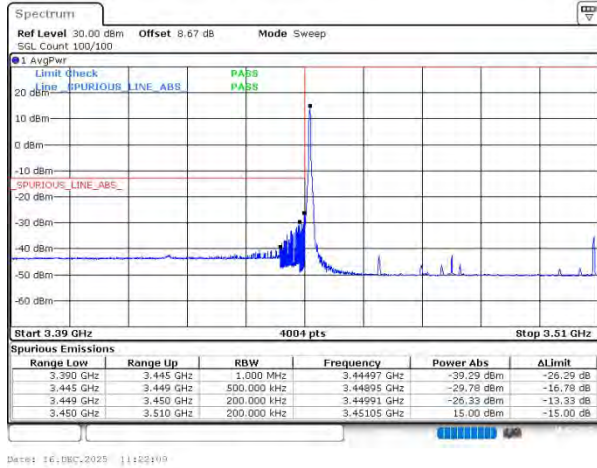
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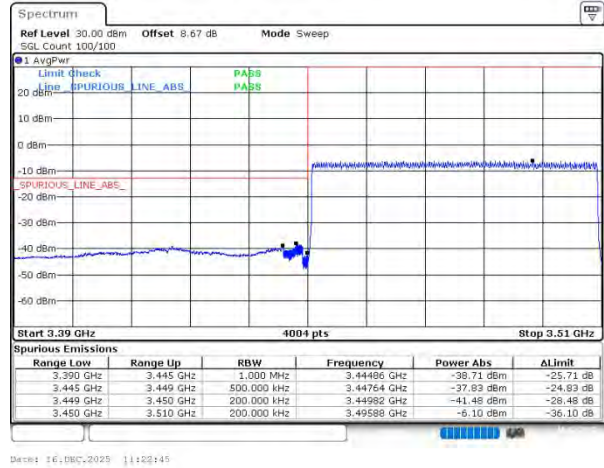
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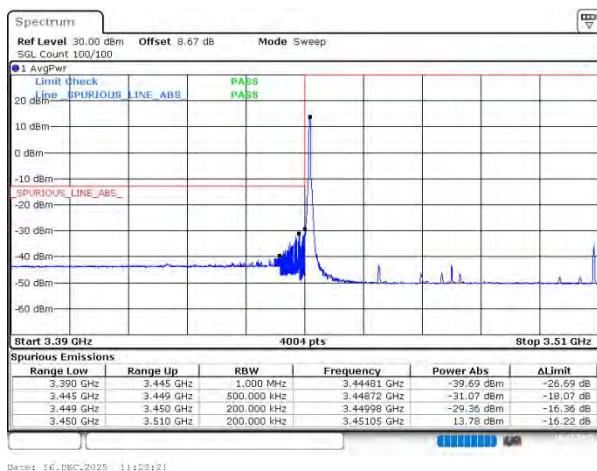
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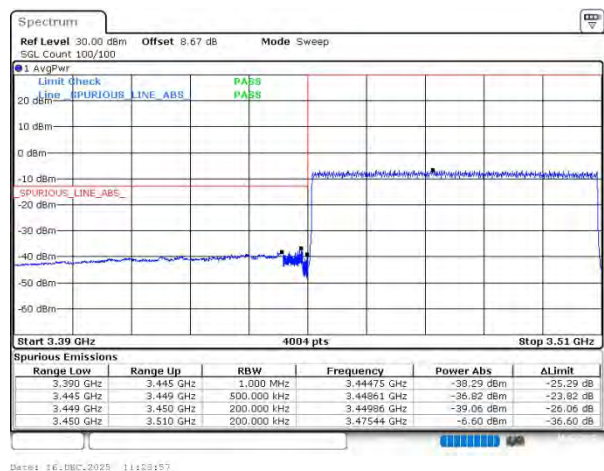
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
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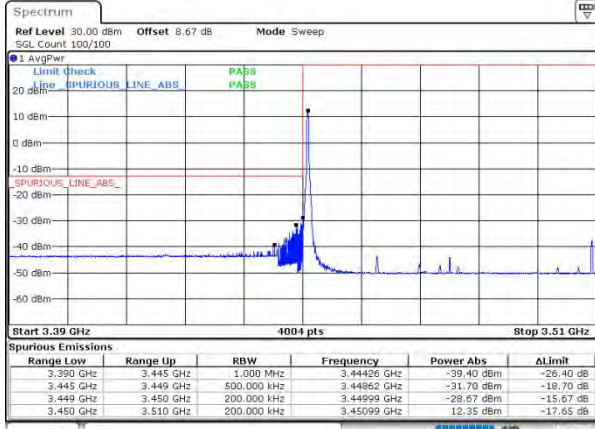
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
LowChannel=632000 RB=162@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
LowChannel=632000 RB=1@0

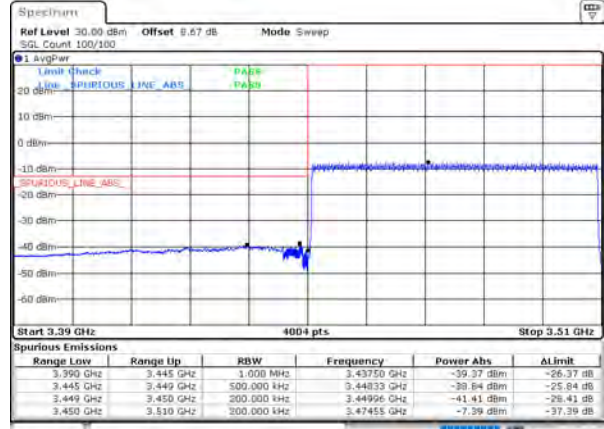


n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
LowChannel=632000 RB=162@0



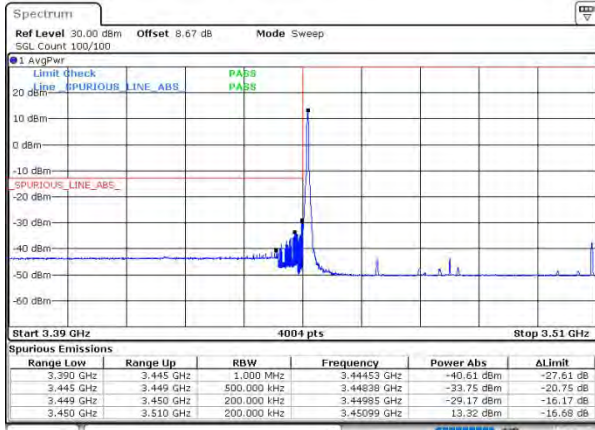
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n78(3450-3550) SCS=30kHz DFT_16QAM BW=60MHz
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Date: 16, DEC, 2025 11:05:10

n78(3450-3550) SCS=30kHz DFT_16QAM BW=60MHz
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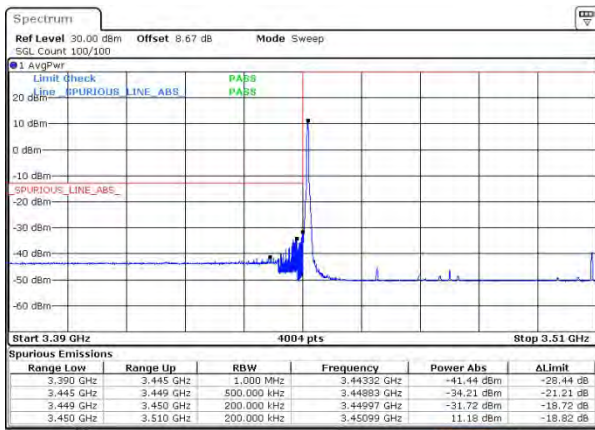
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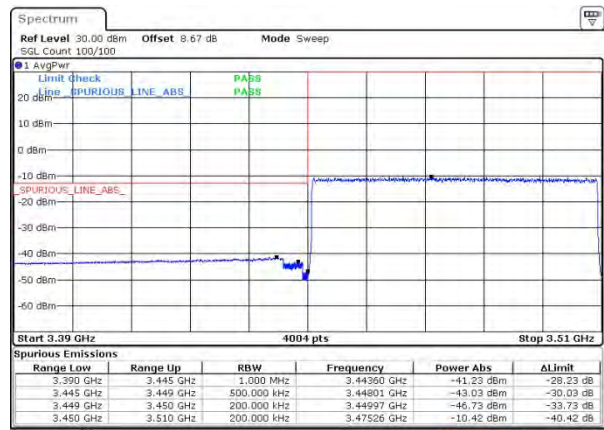
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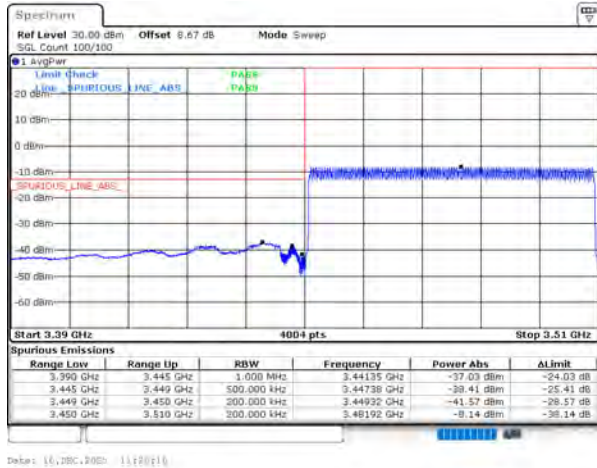
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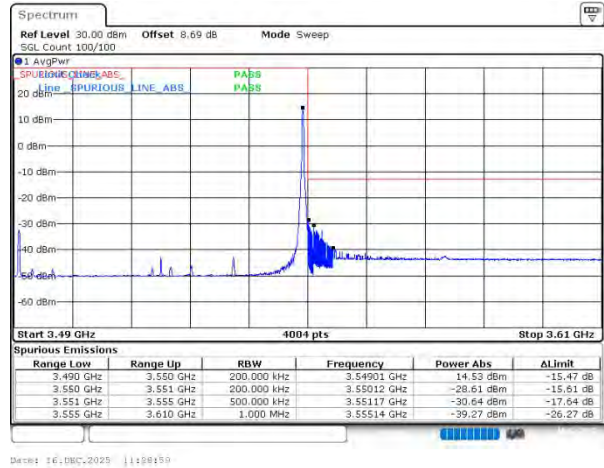


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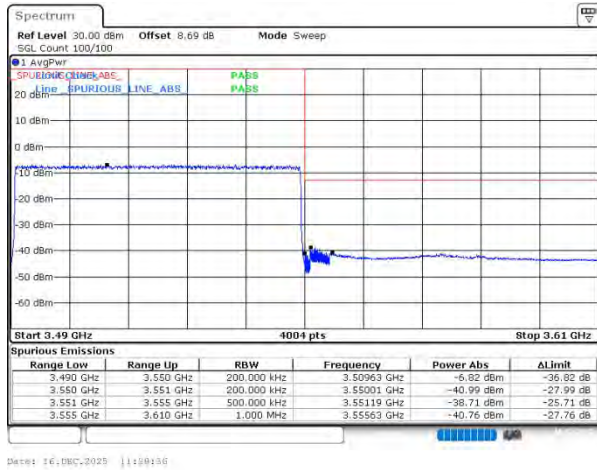
n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz
LowChannel=632000 RB=162@0



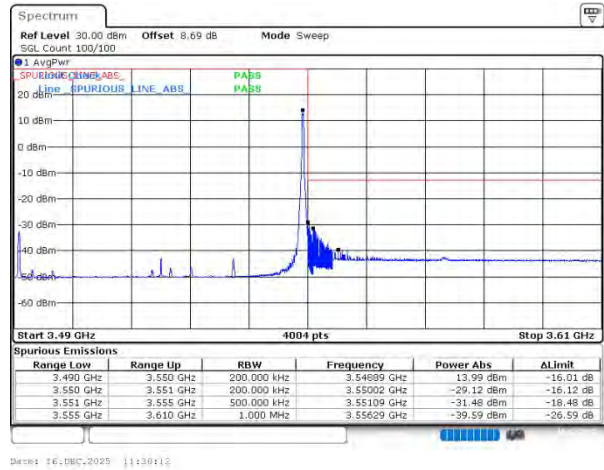
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz
LowChannel=632000 RB=162@0



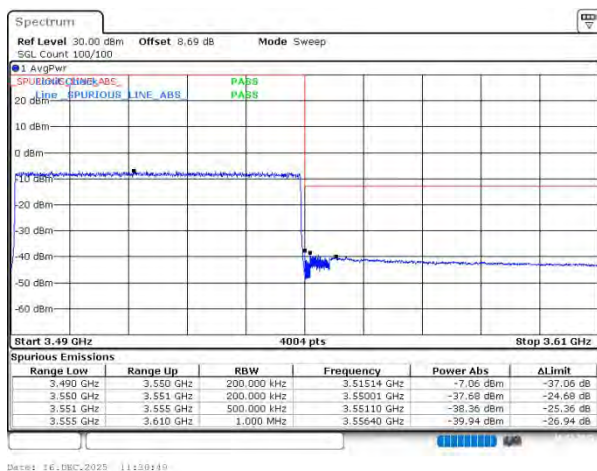
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
HighChannel=634666 RB=1@161



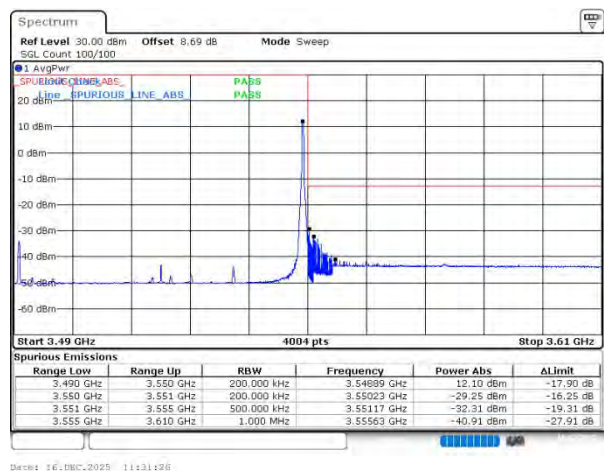
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
HighChannel=634666 RB=162@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
HighChannel=634666 RB=1@161



n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
HighChannel=634666 RB=162@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=60MHz
HighChannel=634666 RB=1@161