

Appendix A : Test Result - n77(3.45G)

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

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	16.96	1.44	18.4	69.18	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	17.52	1.44	18.96	78.7	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	17.32	1.44	18.76	75.16	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	17.40	1.44	18.84	76.56	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	16.48	1.44	17.92	61.94	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	17.50	1.44	18.94	78.34	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	17.32	1.44	18.76	75.16	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	17.34	1.44	18.78	75.51	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	15.40	1.44	16.84	48.31	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	16.49	1.44	17.93	62.09	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	16.35	1.44	17.79	60.12	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	16.37	1.44	17.81	60.39	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	15.00	1.44	16.44	44.06	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	15.04	1.44	16.48	44.46	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	14.77	1.44	16.21	41.78	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	14.82	1.44	16.26	42.27	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	12.99	1.44	14.43	27.73	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	13.07	1.44	14.51	28.25	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	12.93	1.44	14.37	27.35	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	12.98	1.44	14.42	27.67	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	14.39	1.44	15.83	38.28	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	15.94	1.44	17.38	54.7	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	15.81	1.44	17.25	53.09	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	15.83	1.44	17.27	53.33	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	14.42	1.44	15.86	38.55	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	15.46	1.44	16.9	48.98	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	15.53	1.44	16.97	49.77	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	14.04	1.44	15.48	35.32	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	14.07	1.44	15.51	35.56	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	13.96	1.44	15.4	34.67	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	14.01	1.44	15.45	35.08	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	10.92	1.44	12.36	17.22	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	10.98	1.44	12.42	17.46	1000	PASS



n77(3450-3550)	30	10	630334	1@1	CP_256QAM	10.81	1.44	12.25	16.79	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	10.84	1.44	12.28	16.9	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	17.27	1.44	18.71	74.3	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	17.80	1.44	19.24	83.95	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	17.65	1.44	19.09	81.1	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	17.67	1.44	19.11	81.47	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	16.80	1.44	18.24	66.68	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	17.79	1.44	19.23	83.75	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	17.71	1.44	19.15	82.22	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	17.74	1.44	19.18	82.79	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	15.80	1.44	17.24	52.97	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	16.85	1.44	18.29	67.45	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	16.55	1.44	17.99	62.95	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	16.59	1.44	18.03	63.53	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	15.27	1.44	16.71	46.88	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	15.24	1.44	16.68	46.56	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	15.07	1.44	16.51	44.77	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	15.12	1.44	16.56	45.29	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	13.27	1.44	14.71	29.58	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	13.35	1.44	14.79	30.13	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	13.21	1.44	14.65	29.17	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	13.21	1.44	14.65	29.17	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	14.81	1.44	16.25	42.17	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	16.28	1.44	17.72	59.16	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	16.15	1.44	17.59	57.41	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	16.13	1.44	17.57	57.15	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	14.73	1.44	16.17	41.4	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	15.78	1.44	17.22	52.72	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	15.73	1.44	17.17	52.12	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	15.76	1.44	17.2	52.48	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_64QAM	14.27	1.44	15.71	37.24	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	14.22	1.44	15.66	36.81	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	14.25	1.44	15.69	37.07	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	14.22	1.44	15.66	36.81	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	11.23	1.44	12.67	18.49	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	11.30	1.44	12.74	18.79	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	11.13	1.44	12.57	18.07	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	11.15	1.44	12.59	18.16	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	17.54	1.44	18.98	79.07	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	18.05	1.44	19.49	88.92	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	17.94	1.44	19.38	86.7	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	17.94	1.44	19.38	86.7	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	17.08	1.44	18.52	71.12	1000	PASS



n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	18.08	1.44	19.52	89.54	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	17.97	1.44	19.41	87.3	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	17.97	1.44	19.41	87.3	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	16.04	1.44	17.48	55.98	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	17.12	1.44	18.56	71.78	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	16.79	1.44	18.23	66.53	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	16.79	1.44	18.23	66.53	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	15.52	1.44	16.96	49.66	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	15.53	1.44	16.97	49.77	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	15.45	1.44	16.89	48.87	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	15.44	1.44	16.88	48.75	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	13.55	1.44	14.99	31.55	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	13.62	1.44	15.06	32.06	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	13.50	1.44	14.94	31.19	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	13.48	1.44	14.92	31.05	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	15.04	1.44	16.48	44.46	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	16.57	1.44	18.01	63.24	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	16.41	1.44	17.85	60.95	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	16.39	1.44	17.83	60.67	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	15.00	1.44	16.44	44.06	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	16.04	1.44	17.48	55.98	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	16.01	1.44	17.45	55.59	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	16.03	1.44	17.47	55.85	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	14.62	1.44	16.06	40.36	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	14.52	1.44	15.96	39.45	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	14.54	1.44	15.98	39.63	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	14.51	1.44	15.95	39.36	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	11.51	1.44	12.95	19.72	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	11.59	1.44	13.03	20.09	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	11.44	1.44	12.88	19.41	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	11.39	1.44	12.83	19.19	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	17.03	1.44	18.47	70.31	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	17.50	1.44	18.94	78.34	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	17.32	1.44	18.76	75.16	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	17.43	1.44	18.87	77.09	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	16.52	1.44	17.96	62.52	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	17.53	1.44	18.97	78.89	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	17.39	1.44	18.83	76.38	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	17.51	1.44	18.95	78.52	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	16.56	1.44	18	63.1	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	16.15	1.44	17.59	57.41	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	16.27	1.44	17.71	59.02	1000	PASS



n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	14.99	1.44	16.43	43.95	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	14.92	1.44	16.36	43.25	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	14.75	1.44	16.19	41.59	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	14.91	1.44	16.35	43.15	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	13.04	1.44	14.48	28.05	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	13.01	1.44	14.45	27.86	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	12.87	1.44	14.31	26.98	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	12.98	1.44	14.42	27.67	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	14.48	1.44	15.92	39.08	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	16.01	1.44	17.45	55.59	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	15.82	1.44	17.26	53.21	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	15.94	1.44	17.38	54.7	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	14.47	1.44	15.91	38.99	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	15.53	1.44	16.97	49.77	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	15.38	1.44	16.82	48.08	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_64QAM	14.02	1.44	15.46	35.16	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	13.99	1.44	15.43	34.91	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	13.93	1.44	15.37	34.43	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	14.10	1.44	15.54	35.81	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	10.96	1.44	12.4	17.38	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	10.92	1.44	12.36	17.22	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	10.80	1.44	12.24	16.75	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	10.94	1.44	12.38	17.3	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	17.32	1.44	18.76	75.16	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	17.82	1.44	19.26	84.33	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	17.70	1.44	19.14	82.04	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	17.72	1.44	19.16	82.41	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	16.82	1.44	18.26	66.99	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	17.82	1.44	19.26	84.33	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	17.75	1.44	19.19	82.99	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	17.75	1.44	19.19	82.99	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	15.81	1.44	17.25	53.09	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	16.82	1.44	18.26	66.99	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	16.52	1.44	17.96	62.52	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	16.54	1.44	17.98	62.81	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	15.29	1.44	16.73	47.1	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	15.23	1.44	16.67	46.45	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	15.20	1.44	16.64	46.13	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	15.27	1.44	16.71	46.88	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	13.30	1.44	14.74	29.79	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	13.31	1.44	14.75	29.85	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	13.27	1.44	14.71	29.58	1000	PASS



n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	13.27	1.44	14.71	29.58	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	14.77	1.44	16.21	41.78	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	16.31	1.44	17.75	59.57	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	16.22	1.44	17.66	58.34	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	16.17	1.44	17.61	57.68	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	14.80	1.44	16.24	42.07	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	15.82	1.44	17.26	53.21	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	15.79	1.44	17.23	52.84	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	15.81	1.44	17.25	53.09	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	14.27	1.44	15.71	37.24	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	14.24	1.44	15.68	36.98	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	14.30	1.44	15.74	37.5	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	14.29	1.44	15.73	37.41	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	11.26	1.44	12.7	18.62	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	11.22	1.44	12.66	18.45	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	11.19	1.44	12.63	18.32	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	11.21	1.44	12.65	18.41	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	17.52	1.44	18.96	78.7	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	18.06	1.44	19.5	89.13	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	17.89	1.44	19.33	85.7	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	17.91	1.44	19.35	86.1	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	17.04	1.44	18.48	70.47	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	18.09	1.44	19.53	89.74	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	17.96	1.44	19.4	87.1	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	17.97	1.44	19.41	87.3	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	16.02	1.44	17.46	55.72	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	17.09	1.44	18.53	71.29	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	15.52	1.44	16.96	49.66	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	15.48	1.44	16.92	49.2	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	15.43	1.44	16.87	48.64	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	15.47	1.44	16.91	49.09	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	13.53	1.44	14.97	31.41	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	13.51	1.44	14.95	31.26	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	13.47	1.44	14.91	30.97	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	13.49	1.44	14.93	31.12	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	14.98	1.44	16.42	43.85	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	16.58	1.44	18.02	63.39	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	16.38	1.44	17.82	60.53	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	16.39	1.44	17.83	60.67	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	15.02	1.44	16.46	44.26	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	16.09	1.44	17.53	56.62	1000	PASS



n77(3450-3550)	30	15	636166	1@1	CP_16QAM	16.05	1.44	17.49	56.1	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	16.07	1.44	17.51	56.36	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_64QAM	14.53	1.44	15.97	39.54	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	14.54	1.44	15.98	39.63	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	14.59	1.44	16.03	40.09	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	14.60	1.44	16.04	40.18	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	11.45	1.44	12.89	19.45	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	11.46	1.44	12.9	19.5	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	11.52	1.44	12.96	19.77	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	11.55	1.44	12.99	19.91	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	17.04	1.44	18.48	70.47	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	17.57	1.44	19.01	79.62	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	17.34	1.44	18.78	75.51	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	17.53	1.44	18.97	78.89	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	16.57	1.44	18.01	63.24	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	17.59	1.44	19.03	79.98	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	17.32	1.44	18.76	75.16	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	17.54	1.44	18.98	79.07	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	15.57	1.44	17.01	50.23	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	16.59	1.44	18.03	63.53	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	16.34	1.44	17.78	59.98	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	16.52	1.44	17.96	62.52	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	15.04	1.44	16.48	44.46	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	15.06	1.44	16.5	44.67	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	15.01	1.44	16.45	44.16	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	15.22	1.44	16.66	46.34	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	13.10	1.44	14.54	28.44	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	13.13	1.44	14.57	28.64	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	12.97	1.44	14.41	27.61	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	13.17	1.44	14.61	28.91	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	14.55	1.44	15.99	39.72	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	16.03	1.44	17.47	55.85	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	15.85	1.44	17.29	53.58	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	16.01	1.44	17.45	55.59	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	14.53	1.44	15.97	39.54	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	15.60	1.44	17.04	50.58	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	15.58	1.44	17.02	50.35	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	15.76	1.44	17.2	52.48	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	14.10	1.44	15.54	35.81	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	14.02	1.44	15.46	35.16	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	13.98	1.44	15.42	34.83	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	14.15	1.44	15.59	36.22	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	11.07	1.44	12.51	17.82	1000	PASS



n77(3450-3550)	30	20	630668	25@12	CP_256QAM	10.99	1.44	12.43	17.5	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	10.80	1.44	12.24	16.75	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	11.01	1.44	12.45	17.58	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	17.31	1.44	18.75	74.99	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	17.84	1.44	19.28	84.72	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	17.69	1.44	19.13	81.85	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	17.69	1.44	19.13	81.85	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	16.82	1.44	18.26	66.99	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	17.85	1.44	19.29	84.92	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	17.74	1.44	19.18	82.79	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	17.77	1.44	19.21	83.37	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	15.82	1.44	17.26	53.21	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	16.89	1.44	18.33	68.08	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	16.52	1.44	17.96	62.52	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	16.51	1.44	17.95	62.37	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	15.36	1.44	16.8	47.86	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	15.35	1.44	16.79	47.75	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	15.19	1.44	16.63	46.03	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	15.28	1.44	16.72	46.99	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	13.37	1.44	14.81	30.27	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	13.31	1.44	14.75	29.85	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	13.24	1.44	14.68	29.38	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	13.25	1.44	14.69	29.44	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	14.78	1.44	16.22	41.88	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	16.29	1.44	17.73	59.29	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	16.19	1.44	17.63	57.94	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	16.18	1.44	17.62	57.81	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	14.80	1.44	16.24	42.07	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	15.81	1.44	17.25	53.09	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	15.80	1.44	17.24	52.97	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	15.82	1.44	17.26	53.21	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	14.32	1.44	15.76	37.67	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	14.28	1.44	15.72	37.33	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	14.32	1.44	15.76	37.67	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	14.32	1.44	15.76	37.67	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	11.30	1.44	12.74	18.79	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	11.24	1.44	12.68	18.54	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	11.16	1.44	12.6	18.2	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	11.16	1.44	12.6	18.2	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	17.53	1.44	18.97	78.89	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	18.04	1.44	19.48	88.72	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	17.91	1.44	19.35	86.1	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	17.87	1.44	19.31	85.31	1000	PASS



n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	17.06	1.44	18.5	70.79	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	18.09	1.44	19.53	89.74	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	17.92	1.44	19.36	86.3	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	17.92	1.44	19.36	86.3	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	16.04	1.44	17.48	55.98	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	17.10	1.44	18.54	71.45	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	16.73	1.44	18.17	65.61	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	16.73	1.44	18.17	65.61	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	15.57	1.44	17.01	50.23	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	15.56	1.44	17	50.12	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	15.42	1.44	16.86	48.53	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	15.41	1.44	16.85	48.42	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	13.58	1.44	15.02	31.77	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	13.51	1.44	14.95	31.26	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	13.48	1.44	14.92	31.05	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	13.41	1.44	14.85	30.55	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	14.99	1.44	16.43	43.95	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	16.54	1.44	17.98	62.81	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	16.39	1.44	17.83	60.67	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	16.36	1.44	17.8	60.26	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	15.02	1.44	16.46	44.26	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	15.99	1.44	17.43	55.34	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	15.90	1.44	17.34	54.2	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	15.89	1.44	17.33	54.08	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	14.55	1.44	15.99	39.72	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	14.58	1.44	16.02	39.99	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	14.46	1.44	15.9	38.9	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	14.45	1.44	15.89	38.82	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	11.50	1.44	12.94	19.68	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	11.52	1.44	12.96	19.77	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	11.35	1.44	12.79	19.01	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	11.34	1.44	12.78	18.97	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	17.82	1.44	19.26	84.33	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	18.42	1.44	19.86	96.83	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	17.69	1.44	19.13	81.85	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	17.93	1.44	19.37	86.5	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	17.32	1.44	18.76	75.16	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	18.47	1.44	19.91	97.95	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	17.75	1.44	19.19	82.99	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	18.02	1.44	19.46	88.31	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	16.35	1.44	17.79	60.12	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	17.48	1.44	18.92	77.98	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	16.62	1.44	18.06	63.97	1000	PASS



n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	16.89	1.44	18.33	68.08	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	15.82	1.44	17.26	53.21	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	15.99	1.44	17.43	55.34	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	15.12	1.44	16.56	45.29	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	15.35	1.44	16.79	47.75	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	13.82	1.44	15.26	33.57	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	13.96	1.44	15.4	34.67	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	13.27	1.44	14.71	29.58	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	13.55	1.44	14.99	31.55	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	15.29	1.44	16.73	47.1	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	16.92	1.44	18.36	68.55	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	16.20	1.44	17.64	58.08	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	16.47	1.44	17.91	61.8	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	15.29	1.44	16.73	47.1	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	16.37	1.44	17.81	60.39	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	15.71	1.44	17.15	51.88	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	16.01	1.44	17.45	55.59	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	14.77	1.44	16.21	41.78	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	14.89	1.44	16.33	42.95	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	14.19	1.44	15.63	36.56	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	14.54	1.44	15.98	39.63	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	11.76	1.44	13.2	20.89	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	11.88	1.44	13.32	21.48	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	11.21	1.44	12.65	18.41	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	11.44	1.44	12.88	19.41	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	17.98	1.44	19.42	87.5	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	18.52	1.44	19.96	99.08	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	18.08	1.44	19.52	89.54	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	18.06	1.44	19.5	89.13	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	17.49	1.44	18.93	78.16	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	18.56	1.44	20	100	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	18.11	1.44	19.55	90.16	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	18.07	1.44	19.51	89.33	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	16.51	1.44	17.95	62.37	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	17.58	1.44	19.02	79.8	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	16.88	1.44	18.32	67.92	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	16.86	1.44	18.3	67.61	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	16.00	1.44	17.44	55.46	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	16.08	1.44	17.52	56.49	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	15.55	1.44	16.99	50	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	14.00	1.44	15.44	34.99	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	14.05	1.44	15.49	35.4	1000	PASS



n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	13.65	1.44	15.09	32.28	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	13.63	1.44	15.07	32.14	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	15.41	1.44	16.85	48.42	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	17.02	1.44	18.46	70.15	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	16.58	1.44	18.02	63.39	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	16.57	1.44	18.01	63.24	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	15.41	1.44	16.85	48.42	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	16.48	1.44	17.92	61.94	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	16.10	1.44	17.54	56.75	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	16.08	1.44	17.52	56.49	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	14.90	1.44	16.34	43.05	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	14.98	1.44	16.42	43.85	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	14.66	1.44	16.1	40.74	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	14.66	1.44	16.1	40.74	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	11.90	1.44	13.34	21.58	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	11.94	1.44	13.38	21.78	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	11.59	1.44	13.03	20.09	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	11.53	1.44	12.97	19.82	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	18.08	1.44	19.52	89.54	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	18.66	1.44	20.1	102.33	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	18.16	1.44	19.6	91.2	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	18.11	1.44	19.55	90.16	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	17.59	1.44	19.03	79.98	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	18.70	1.44	20.14	103.28	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	18.26	1.44	19.7	93.33	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	18.17	1.44	19.61	91.41	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	16.61	1.44	18.05	63.83	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	17.71	1.44	19.15	82.22	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	17.02	1.44	18.46	70.15	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	16.94	1.44	18.38	68.87	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	16.09	1.44	17.53	56.62	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	16.21	1.44	17.65	58.21	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	15.73	1.44	17.17	52.12	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	15.73	1.44	17.17	52.12	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	14.11	1.44	15.55	35.89	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	14.19	1.44	15.63	36.56	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	13.76	1.44	15.2	33.11	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	13.66	1.44	15.1	32.36	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	15.53	1.44	16.97	49.77	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	17.14	1.44	18.58	72.11	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	16.68	1.44	18.12	64.86	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	16.58	1.44	18.02	63.39	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	15.58	1.44	17.02	50.35	1000	PASS



n77(3450-3550)	30	40	635332	53@26	CP_16QAM	16.63	1.44	18.07	64.12	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	16.34	1.44	17.78	59.98	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	16.23	1.44	17.67	58.48	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	15.06	1.44	16.5	44.67	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	15.13	1.44	16.57	45.39	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	14.83	1.44	16.27	42.36	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	14.72	1.44	16.16	41.3	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	12.06	1.44	13.5	22.39	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	12.11	1.44	13.55	22.65	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	11.81	1.44	13.25	21.13	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	11.69	1.44	13.13	20.56	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	17.88	1.44	19.32	85.51	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	18.52	1.44	19.96	99.08	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	17.96	1.44	19.4	87.1	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	18.19	1.44	19.63	91.83	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	17.38	1.44	18.82	76.21	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	18.57	1.44	20.01	100.23	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	18	1.44	19.44	87.9	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	18.21	1.44	19.65	92.26	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	16.37	1.44	17.81	60.39	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	17.56	1.44	19	79.43	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	16.97	1.44	18.41	69.34	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	17.14	1.44	18.58	72.11	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	15.88	1.44	17.32	53.95	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	16.02	1.44	17.46	55.72	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	15.61	1.44	17.05	50.7	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	15.90	1.44	17.34	54.2	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	13.90	1.44	15.34	34.2	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	14.01	1.44	15.45	35.08	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	13.54	1.44	14.98	31.48	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	13.79	1.44	15.23	33.34	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	15.39	1.44	16.83	48.19	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	17.02	1.44	18.46	70.15	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	16.45	1.44	17.89	61.52	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	16.64	1.44	18.08	64.27	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	15.41	1.44	16.85	48.42	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	16.49	1.44	17.93	62.09	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	16.20	1.44	17.64	58.08	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	16.42	1.44	17.86	61.09	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	14.90	1.44	16.34	43.05	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	14.97	1.44	16.41	43.75	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	14.61	1.44	16.05	40.27	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	14.84	1.44	16.28	42.46	1000	PASS



n77(3450-3550)	30	50	631668	133@0	CP_256QAM	11.89	1.44	13.33	21.53	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	11.96	1.44	13.4	21.88	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	11.45	1.44	12.89	19.45	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	11.66	1.44	13.1	20.42	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	18.04	1.44	19.48	88.72	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	18.58	1.44	20.02	100.46	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	18.32	1.44	19.76	94.62	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	18.31	1.44	19.75	94.41	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	17.53	1.44	18.97	78.89	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	18.62	1.44	20.06	101.39	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	18.44	1.44	19.88	97.27	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	18.42	1.44	19.86	96.83	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	16.56	1.44	18	63.1	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	17.64	1.44	19.08	80.91	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	17.16	1.44	18.6	72.44	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	17.14	1.44	18.58	72.11	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	16.05	1.44	17.49	56.1	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	16.13	1.44	17.57	57.15	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	15.86	1.44	17.3	53.7	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	15.90	1.44	17.34	54.2	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	14.06	1.44	15.5	35.48	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	14.10	1.44	15.54	35.81	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	13.88	1.44	15.32	34.04	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	13.90	1.44	15.34	34.2	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	15.54	1.44	16.98	49.89	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	17.07	1.44	18.51	70.96	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	16.85	1.44	18.29	67.45	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	16.79	1.44	18.23	66.53	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	15.58	1.44	17.02	50.35	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	16.59	1.44	18.03	63.53	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	16.45	1.44	17.89	61.52	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	16.41	1.44	17.85	60.95	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	15.00	1.44	16.44	44.06	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	15.06	1.44	16.5	44.67	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	14.99	1.44	16.43	43.95	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	14.95	1.44	16.39	43.55	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	12.00	1.44	13.44	22.08	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	12.03	1.44	13.47	22.23	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	11.87	1.44	13.31	21.43	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	11.82	1.44	13.26	21.18	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	18.04	1.44	19.48	88.72	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	18.64	1.44	20.08	101.86	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	18.30	1.44	19.74	94.19	1000	PASS



n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	18.26	1.44	19.7	93.33	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	17.56	1.44	19	79.43	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	18.68	1.44	20.12	102.8	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	18.38	1.44	19.82	95.94	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	18.33	1.44	19.77	94.84	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	16.56	1.44	18	63.1	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	17.70	1.44	19.14	82.04	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	17.14	1.44	18.58	72.11	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	17.10	1.44	18.54	71.45	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	16.06	1.44	17.5	56.23	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	16.15	1.44	17.59	57.41	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	15.85	1.44	17.29	53.58	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	15.86	1.44	17.3	53.7	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	14.10	1.44	15.54	35.81	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	14.13	1.44	15.57	36.06	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	13.86	1.44	15.3	33.88	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	13.85	1.44	15.29	33.81	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	15.56	1.44	17	50.12	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	17.09	1.44	18.53	71.29	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	16.79	1.44	18.23	66.53	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	16.78	1.44	18.22	66.37	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	15.58	1.44	17.02	50.35	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	16.61	1.44	18.05	63.83	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	16.38	1.44	17.82	60.53	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	16.39	1.44	17.83	60.67	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	15.01	1.44	16.45	44.16	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	15.11	1.44	16.55	45.19	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	14.95	1.44	16.39	43.55	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	14.89	1.44	16.33	42.95	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	12.01	1.44	13.45	22.13	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	12.08	1.44	13.52	22.49	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	11.82	1.44	13.26	21.18	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	11.80	1.44	13.24	21.09	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	17.91	1.44	19.35	86.1	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	18.57	1.44	20.01	100.23	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	17.95	1.44	19.39	86.9	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	18.20	1.44	19.64	92.04	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	17.43	1.44	18.87	77.09	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	18.58	1.44	20.02	100.46	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	17.97	1.44	19.41	87.3	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	18.20	1.44	19.64	92.04	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	16.41	1.44	17.85	60.95	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	17.61	1.44	19.05	80.35	1000	PASS



n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	16.71	1.44	18.15	65.31	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	16.99	1.44	18.43	69.66	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	15.92	1.44	17.36	54.45	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	16.04	1.44	17.48	55.98	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	15.38	1.44	16.82	48.08	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	15.70	1.44	17.14	51.76	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	13.92	1.44	15.36	34.36	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	14.04	1.44	15.48	35.32	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	13.49	1.44	14.93	31.12	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	13.74	1.44	15.18	32.96	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	15.39	1.44	16.83	48.19	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	17.06	1.44	18.5	70.79	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	16.41	1.44	17.85	60.95	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	16.70	1.44	18.14	65.16	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	15.36	1.44	16.8	47.86	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	16.51	1.44	17.95	62.37	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	15.94	1.44	17.38	54.7	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	16.22	1.44	17.66	58.34	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	14.90	1.44	16.34	43.05	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	15.03	1.44	16.47	44.36	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	14.53	1.44	15.97	39.54	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	14.78	1.44	16.22	41.88	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	11.86	1.44	13.3	21.38	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	11.99	1.44	13.43	22.03	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	11.41	1.44	12.85	19.28	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	11.67	1.44	13.11	20.46	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	18.03	1.44	19.47	88.51	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	18.60	1.44	20.04	100.93	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	18.23	1.44	19.67	92.68	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	18.22	1.44	19.66	92.47	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	17.55	1.44	18.99	79.25	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	18.64	1.44	20.08	101.86	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	18.25	1.44	19.69	93.11	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	18.24	1.44	19.68	92.9	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	16.53	1.44	17.97	62.66	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	17.61	1.44	19.05	80.35	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	17.01	1.44	18.45	69.98	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	16.99	1.44	18.43	69.66	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	16.02	1.44	17.46	55.72	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	16.07	1.44	17.51	56.36	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	15.69	1.44	17.13	51.64	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	15.71	1.44	17.15	51.88	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	14.03	1.44	15.47	35.24	1000	PASS



n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	14.11	1.44	15.55	35.89	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	13.80	1.44	15.24	33.42	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	13.74	1.44	15.18	32.96	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	17.10	1.44	18.54	71.45	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	16.80	1.44	18.24	66.68	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	16.76	1.44	18.2	66.07	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	15.49	1.44	16.93	49.32	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	16.55	1.44	17.99	62.95	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	16.25	1.44	17.69	58.75	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	16.28	1.44	17.72	59.16	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	15.00	1.44	16.44	44.06	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	15.04	1.44	16.48	44.46	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	14.85	1.44	16.29	42.56	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	14.82	1.44	16.26	42.27	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	11.99	1.44	13.43	22.03	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	12.03	1.44	13.47	22.23	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	11.74	1.44	13.18	20.8	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	11.68	1.44	13.12	20.51	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	18.03	1.44	19.47	88.51	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	18.65	1.44	20.09	102.09	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	18.31	1.44	19.75	94.41	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	18.21	1.44	19.65	92.26	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	17.55	1.44	18.99	79.25	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	18.67	1.44	20.11	102.57	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	18.35	1.44	19.79	95.28	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	18.22	1.44	19.66	92.47	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	16.53	1.44	17.97	62.66	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	17.68	1.44	19.12	81.66	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	17.09	1.44	18.53	71.29	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	17.00	1.44	18.44	69.82	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	16.04	1.44	17.48	55.98	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	16.12	1.44	17.56	57.02	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	15.77	1.44	17.21	52.6	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	15.69	1.44	17.13	51.64	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	14.04	1.44	15.48	35.32	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	14.11	1.44	15.55	35.89	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	13.90	1.44	15.34	34.2	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	13.79	1.44	15.23	33.34	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	15.50	1.44	16.94	49.43	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	17.16	1.44	18.6	72.44	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	16.77	1.44	18.21	66.22	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	16.71	1.44	18.15	65.31	1000	PASS



n77(3450-3550)	30	60	634666	162@0	CP_16QAM	15.49	1.44	16.93	49.32	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	16.60	1.44	18.04	63.68	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	16.27	1.44	17.71	59.02	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	16.21	1.44	17.65	58.21	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	15.01	1.44	16.45	44.16	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	15.09	1.44	16.53	44.98	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	14.88	1.44	16.32	42.85	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	14.83	1.44	16.27	42.36	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	11.99	1.44	13.43	22.03	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	12.07	1.44	13.51	22.44	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	11.89	1.44	13.33	21.53	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	11.71	1.44	13.15	20.65	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	18.10	1.44	19.54	89.95	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	18.76	1.44	20.2	104.71	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	17.99	1.44	19.43	87.7	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	18.25	1.44	19.69	93.11	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	17.61	1.44	19.05	80.35	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	18.77	1.44	20.21	104.95	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	18.11	1.44	19.55	90.16	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	18.38	1.44	19.82	95.94	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	16.61	1.44	18.05	63.83	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	17.77	1.44	19.21	83.37	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	17.16	1.44	18.6	72.44	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	17.42	1.44	18.86	76.91	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	16.15	1.44	17.59	57.41	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	16.23	1.44	17.67	58.48	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	15.71	1.44	17.15	51.88	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	16.03	1.44	17.47	55.85	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	14.17	1.44	15.61	36.39	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	14.28	1.44	15.72	37.33	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	13.72	1.44	15.16	32.81	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	13.95	1.44	15.39	34.59	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	15.54	1.44	16.98	49.89	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	17.28	1.44	18.72	74.47	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	16.62	1.44	18.06	63.97	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	16.90	1.44	18.34	68.23	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	15.59	1.44	17.03	50.47	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	16.73	1.44	18.17	65.61	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	16.04	1.44	17.48	55.98	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	16.53	1.44	17.97	62.66	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	15.04	1.44	16.48	44.46	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	15.23	1.44	16.67	46.45	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	14.66	1.44	16.1	40.74	1000	PASS



n77(3450-3550)	30	70	632334	1@187	CP_64QAM	14.98	1.44	16.42	43.85	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	12.07	1.44	13.51	22.44	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	12.21	1.44	13.65	23.17	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	11.63	1.44	13.07	20.28	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	11.83	1.44	13.27	21.23	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	18.21	1.44	19.65	92.26	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	18.77	1.44	20.21	104.95	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	18.19	1.44	19.63	91.83	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	18.22	1.44	19.66	92.47	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	17.72	1.44	19.16	82.41	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	18.83	1.44	20.27	106.41	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	18.32	1.44	19.76	94.62	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	18.32	1.44	19.76	94.62	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	16.73	1.44	18.17	65.61	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	17.82	1.44	19.26	84.33	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	17.17	1.44	18.61	72.61	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	17.18	1.44	18.62	72.78	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	16.22	1.44	17.66	58.34	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	16.26	1.44	17.7	58.88	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	15.64	1.44	17.08	51.05	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	15.69	1.44	17.13	51.64	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	14.24	1.44	15.68	36.98	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	14.30	1.44	15.74	37.5	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	13.85	1.44	15.29	33.81	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	13.85	1.44	15.29	33.81	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	15.65	1.44	17.09	51.17	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	17.27	1.44	18.71	74.3	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	16.85	1.44	18.29	67.45	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	16.87	1.44	18.31	67.76	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	15.68	1.44	17.12	51.52	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	16.22	1.44	17.66	58.34	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	16.29	1.44	17.73	59.29	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	15.14	1.44	16.58	45.5	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	15.27	1.44	16.71	46.88	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	14.86	1.44	16.3	42.66	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	14.86	1.44	16.3	42.66	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	12.18	1.44	13.62	23.01	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	12.22	1.44	13.66	23.23	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	11.82	1.44	13.26	21.18	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	11.79	1.44	13.23	21.04	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	18.24	1.44	19.68	92.9	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	18.83	1.44	20.27	106.41	1000	PASS



n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	18.41	1.44	19.85	96.61	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	18.27	1.44	19.71	93.54	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	17.75	1.44	19.19	82.99	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	18.84	1.44	20.28	106.66	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	18.55	1.44	19.99	99.77	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	18.36	1.44	19.8	95.5	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	16.75	1.44	18.19	65.92	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	17.87	1.44	19.31	85.31	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	17.38	1.44	18.82	76.21	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	17.23	1.44	18.67	73.62	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	16.23	1.44	17.67	58.48	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	16.31	1.44	17.75	59.57	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	15.84	1.44	17.28	53.46	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	15.77	1.44	17.21	52.6	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	14.26	1.44	15.7	37.15	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	14.31	1.44	15.75	37.58	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	14.07	1.44	15.51	35.56	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	13.87	1.44	15.31	33.96	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	15.67	1.44	17.11	51.4	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	17.30	1.44	18.74	74.82	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	17.05	1.44	18.49	70.63	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	16.94	1.44	18.38	68.87	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	15.68	1.44	17.12	51.52	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	16.79	1.44	18.23	66.53	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	16.40	1.44	17.84	60.81	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	16.38	1.44	17.82	60.53	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	15.14	1.44	16.58	45.5	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	15.27	1.44	16.71	46.88	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	15.07	1.44	16.51	44.77	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	14.93	1.44	16.37	43.35	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	12.18	1.44	13.62	23.01	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	12.26	1.44	13.7	23.44	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	12.01	1.44	13.45	22.13	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	11.83	1.44	13.27	21.23	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	18.08	1.44	19.52	89.54	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	18.76	1.44	20.2	104.71	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	17.92	1.44	19.36	86.3	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	18.10	1.44	19.54	89.95	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	17.61	1.44	19.05	80.35	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	18.79	1.44	20.23	105.44	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	18.01	1.44	19.45	88.1	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	18.20	1.44	19.64	92.04	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	16.61	1.44	18.05	63.83	1000	PASS



n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	17.81	1.44	19.25	84.14	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	16.89	1.44	18.33	68.08	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	17.06	1.44	18.5	70.79	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	16.11	1.44	17.55	56.89	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	16.23	1.44	17.67	58.48	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	15.34	1.44	16.78	47.64	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	15.58	1.44	17.02	50.35	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	14.12	1.44	15.56	35.97	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	14.25	1.44	15.69	37.07	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	13.63	1.44	15.07	32.14	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	13.79	1.44	15.23	33.34	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	15.55	1.44	16.99	50	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	17.23	1.44	18.67	73.62	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	16.50	1.44	17.94	62.23	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	16.66	1.44	18.1	64.57	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	15.59	1.44	17.03	50.47	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	15.83	1.44	17.27	53.33	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	16.11	1.44	17.55	56.89	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	15.06	1.44	16.5	44.67	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	15.21	1.44	16.65	46.24	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	14.47	1.44	15.91	38.99	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	14.69	1.44	16.13	41.02	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	12.09	1.44	13.53	22.54	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	12.20	1.44	13.64	23.12	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	11.51	1.44	12.95	19.72	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	11.72	1.44	13.16	20.7	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	18.13	1.44	19.57	90.57	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	18.81	1.44	20.25	105.93	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	18.02	1.44	19.46	88.31	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	18.08	1.44	19.52	89.54	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	17.64	1.44	19.08	80.91	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	18.84	1.44	20.28	106.66	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	18.09	1.44	19.53	89.74	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	18.14	1.44	19.58	90.78	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	16.64	1.44	18.08	64.27	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	17.84	1.44	19.28	84.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	16.81	1.44	18.25	66.83	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	16.92	1.44	18.36	68.55	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	16.14	1.44	17.58	57.28	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	16.26	1.44	17.7	58.88	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	15.27	1.44	16.71	46.88	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	15.47	1.44	16.91	49.09	1000	PASS



n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	14.17	1.44	15.61	36.39	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	14.29	1.44	15.73	37.41	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	13.69	1.44	15.13	32.58	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	13.73	1.44	15.17	32.89	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	15.60	1.44	17.04	50.58	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	17.28	1.44	18.72	74.47	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	16.58	1.44	18.02	63.39	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	16.58	1.44	18.02	63.39	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	15.62	1.44	17.06	50.82	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	16.78	1.44	18.22	66.37	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	15.95	1.44	17.39	54.83	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	16.07	1.44	17.51	56.36	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	15.09	1.44	16.53	44.98	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	15.24	1.44	16.68	46.56	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	14.54	1.44	15.98	39.63	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	14.60	1.44	16.04	40.18	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	12.12	1.44	13.56	22.7	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	12.23	1.44	13.67	23.28	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	11.66	1.44	13.1	20.42	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	11.63	1.44	13.07	20.28	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	18.15	1.44	19.59	90.99	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	18.80	1.44	20.24	105.68	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	18.22	1.44	19.66	92.47	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	18.12	1.44	19.56	90.36	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	17.66	1.44	19.1	81.28	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	18.85	1.44	20.29	106.91	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	18.26	1.44	19.7	93.33	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	18.21	1.44	19.65	92.26	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	16.66	1.44	18.1	64.57	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	17.84	1.44	19.28	84.72	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	17.01	1.44	18.45	69.98	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	16.95	1.44	18.39	69.02	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	16.15	1.44	17.59	57.41	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	16.27	1.44	17.71	59.02	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	15.47	1.44	16.91	49.09	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	15.50	1.44	16.94	49.43	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	14.17	1.44	15.61	36.39	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	14.30	1.44	15.74	37.5	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	13.90	1.44	15.34	34.2	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	13.80	1.44	15.24	33.42	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	15.60	1.44	17.04	50.58	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	17.29	1.44	18.73	74.64	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	16.73	1.44	18.17	65.61	1000	PASS



n77(3450-3550)	30	80	634000	1@215	CP_QPSK	16.63	1.44	18.07	64.12	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	15.60	1.44	17.04	50.58	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	16.36	1.44	17.8	60.26	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	16.33	1.44	17.77	59.84	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	15.09	1.44	16.53	44.98	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	15.28	1.44	16.72	46.99	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	14.79	1.44	16.23	41.98	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	14.70	1.44	16.14	41.11	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	12.13	1.44	13.57	22.75	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	12.25	1.44	13.69	23.39	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	11.98	1.44	13.42	21.98	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	11.81	1.44	13.25	21.13	1000	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	18.04	1.44	19.48	88.72	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	18.77	1.44	20.21	104.95	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	17.82	1.44	19.26	84.33	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	17.95	1.44	19.39	86.9	1000	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	17.56	1.44	19	79.43	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	18.78	1.44	20.22	105.2	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	17.83	1.44	19.27	84.53	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	18.02	1.44	19.46	88.31	1000	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_16QAM	16.55	1.44	17.99	62.95	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	17.77	1.44	19.21	83.37	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	16.87	1.44	18.31	67.76	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	16.99	1.44	18.43	69.66	1000	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_64QAM	16.08	1.44	17.52	56.49	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	16.24	1.44	17.68	58.61	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	15.38	1.44	16.82	48.08	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	15.61	1.44	17.05	50.7	1000	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_256QAM	14.10	1.44	15.54	35.81	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	14.26	1.44	15.7	37.15	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	13.48	1.44	14.92	31.05	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	13.65	1.44	15.09	32.28	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	17.23	1.44	18.67	73.62	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	16.25	1.44	17.69	58.75	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	16.46	1.44	17.9	61.66	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	15.49	1.44	16.93	49.32	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	16.75	1.44	18.19	65.92	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	15.76	1.44	17.2	52.48	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	15.97	1.44	17.41	55.08	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	15.02	1.44	16.46	44.26	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	15.22	1.44	16.66	46.34	1000	PASS



n77(3450-3550)	30	90	633000	1@1	CP_64QAM	14.36	1.44	15.8	38.02	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	14.50	1.44	15.94	39.26	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	12.01	1.44	13.45	22.13	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	12.19	1.44	13.63	23.07	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	11.37	1.44	12.81	19.1	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	11.49	1.44	12.93	19.63	1000	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	18.11	1.44	19.55	90.16	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	18.74	1.44	20.18	104.23	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	17.85	1.44	19.29	84.92	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	18.01	1.44	19.45	88.1	1000	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	17.62	1.44	19.06	80.54	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	18.78	1.44	20.22	105.2	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	17.91	1.44	19.35	86.1	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	18.10	1.44	19.54	89.95	1000	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_16QAM	16.62	1.44	18.06	63.97	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	17.79	1.44	19.23	83.75	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	16.63	1.44	18.07	64.12	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	16.84	1.44	18.28	67.3	1000	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_64QAM	16.13	1.44	17.57	57.15	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	16.24	1.44	17.68	58.61	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	15.09	1.44	16.53	44.98	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	15.35	1.44	16.79	47.75	1000	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_256QAM	14.16	1.44	15.6	36.31	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	14.25	1.44	15.69	37.07	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	13.55	1.44	14.99	31.55	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	13.70	1.44	15.14	32.66	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	15.56	1.44	17	50.12	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	17.20	1.44	18.64	73.11	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	16.37	1.44	17.81	60.39	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	16.50	1.44	17.94	62.23	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	15.56	1.44	17	50.12	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	16.75	1.44	18.19	65.92	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	15.79	1.44	17.23	52.84	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	16.07	1.44	17.51	56.36	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	15.07	1.44	16.51	44.77	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	15.20	1.44	16.64	46.13	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	14.36	1.44	15.8	38.02	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	14.55	1.44	15.99	39.72	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	12.09	1.44	13.53	22.54	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	12.19	1.44	13.63	23.07	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	11.47	1.44	12.91	19.54	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	11.62	1.44	13.06	20.23	1000	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	18.17	1.44	19.61	91.41	1000	PASS



n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	18.80	1.44	20.24	105.68	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	17.97	1.44	19.41	87.3	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	18.05	1.44	19.49	88.92	1000	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	17.68	1.44	19.12	81.66	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	18.81	1.44	20.25	105.93	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	18.06	1.44	19.5	89.13	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	18.15	1.44	19.59	90.99	1000	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_16QAM	16.67	1.44	18.11	64.71	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	17.84	1.44	19.28	84.72	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	16.85	1.44	18.29	67.45	1000	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_64QAM	16.16	1.44	17.6	57.54	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	16.27	1.44	17.71	59.02	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	15.44	1.44	16.88	48.75	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	15.58	1.44	17.02	50.35	1000	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_256QAM	14.23	1.44	15.67	36.9	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	14.29	1.44	15.73	37.41	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	13.58	1.44	15.02	31.77	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	13.69	1.44	15.13	32.58	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	15.62	1.44	17.06	50.82	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	17.24	1.44	18.68	73.79	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	16.45	1.44	17.89	61.52	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	16.59	1.44	18.03	63.53	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	15.62	1.44	17.06	50.82	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	16.79	1.44	18.23	66.53	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	15.98	1.44	17.42	55.21	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	16.19	1.44	17.63	57.94	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	15.10	1.44	16.54	45.08	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	15.25	1.44	16.69	46.67	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	14.57	1.44	16.01	39.9	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	14.72	1.44	16.16	41.3	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	12.11	1.44	13.55	22.65	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	12.24	1.44	13.68	23.33	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	11.56	1.44	13	19.95	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	11.70	1.44	13.14	20.61	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	18.54	1.44	19.98	99.54	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	19.23	1.44	20.67	116.68	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	18.23	1.44	19.67	92.68	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	18.37	1.44	19.81	95.72	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	18.06	1.44	19.5	89.13	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	18.25	1.44	19.69	93.11	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	19.27	1.44	20.71	117.76	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	18.42	1.44	19.86	96.83	1000	PASS



n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	17.04	1.44	18.48	70.47	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	18.26	1.44	19.7	93.33	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	17.14	1.44	18.58	72.11	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	17.28	1.44	18.72	74.47	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	16.56	1.44	18	63.1	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	16.76	1.44	18.2	66.07	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	15.59	1.44	17.03	50.47	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	15.78	1.44	17.22	52.72	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	14.63	1.44	16.07	40.46	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	14.77	1.44	16.21	41.78	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	13.94	1.44	15.38	34.51	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	14.08	1.44	15.52	35.65	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	16.03	1.44	17.47	55.85	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	17.73	1.44	19.17	82.6	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	16.74	1.44	18.18	65.77	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	16.87	1.44	18.31	67.76	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	16.03	1.44	17.47	55.85	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	17.25	1.44	18.69	73.96	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	16.21	1.44	17.65	58.21	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	16.44	1.44	17.88	61.38	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	15.51	1.44	16.95	49.55	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	15.73	1.44	17.17	52.12	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	14.67	1.44	16.11	40.83	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	14.92	1.44	16.36	43.25	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	12.54	1.44	13.98	25	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	12.71	1.44	14.15	26	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	11.82	1.44	13.26	21.18	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	11.91	1.44	13.35	21.63	1000	PASS

2. Frequency Stability

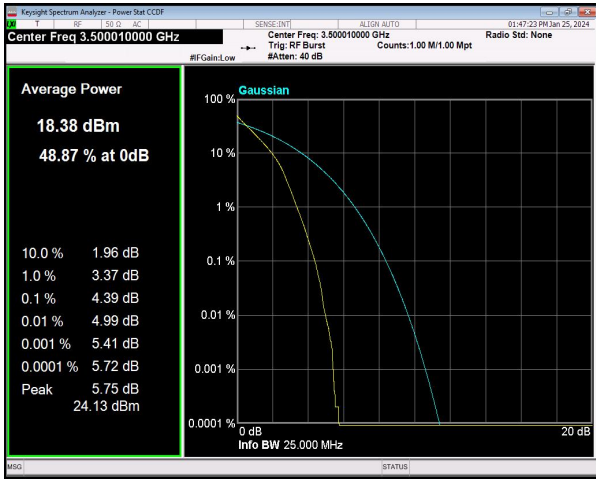
Condition		Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (Hz)	Result (ppm)	Verdict
Temperature (°C)	Voltage (V)									
20(Ref.)	3.45	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-3.6	-0.00103	PASS
20(Ref.)	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-2.6	-0.00074	PASS
20(Ref.)	4.35	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-4.8	-0.00137	PASS
-30	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-6.2	-0.00177	PASS
-20	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-5.2	-0.00149	PASS
-10	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-8.9	-0.00254	PASS
0	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-10.3	-0.00294	PASS
10	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-5.3	-0.00151	PASS
20(Ref.)	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-2.6	-0.00074	PASS
30	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-8.1	-0.00231	PASS
40	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-7.2	-0.00206	PASS
50	3.85	n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	-9.3	-0.00266	PASS

Note:

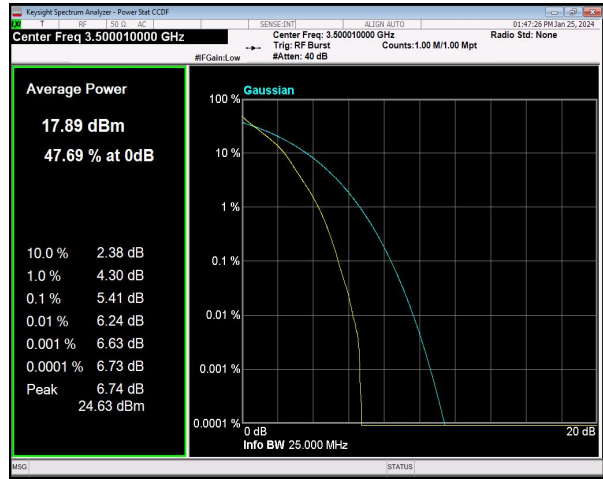
1. Normal Voltage = 3.85 V, Battery End Point (BEP) = 3.45 V, Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

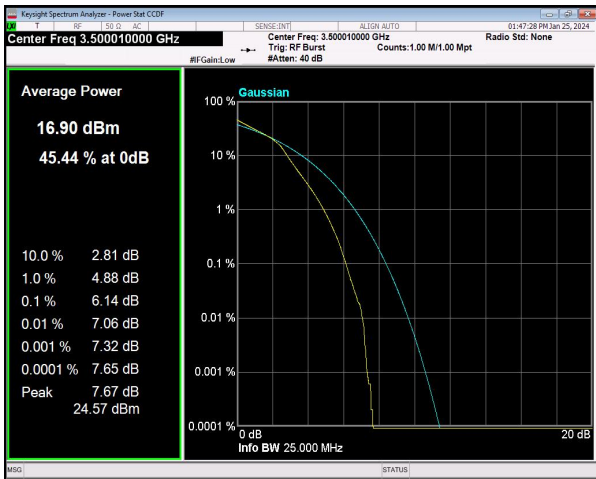
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.39	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.41	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.14	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.39	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.53	13	PASS



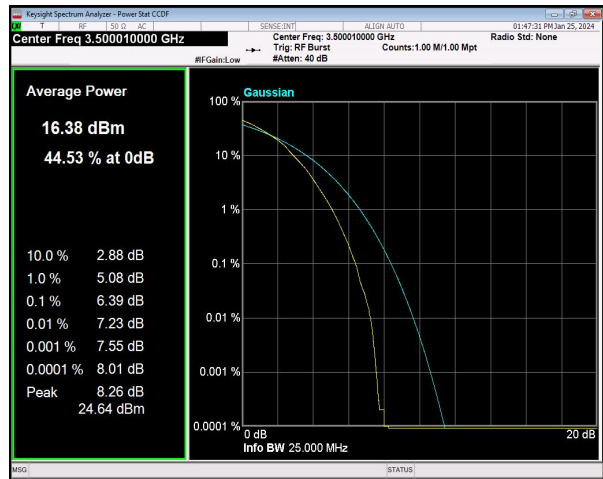
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



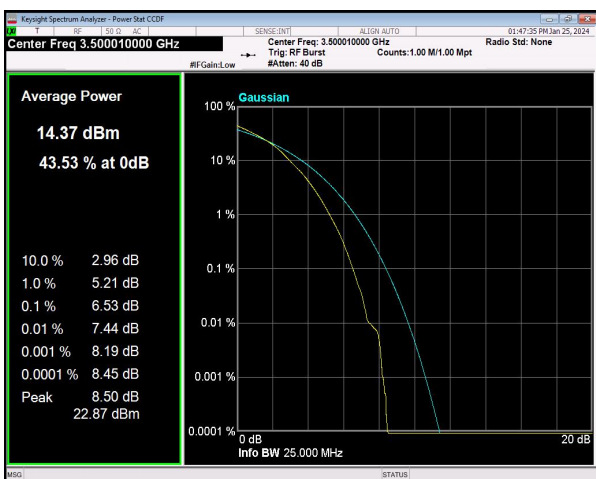
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz
Channel=633334 RB=50@0



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



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



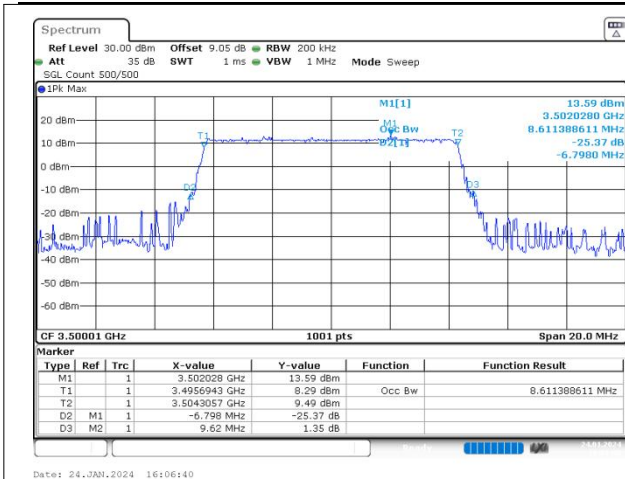
n77(3450-3550) SCS=30kHz DFT_256QAM BW=20MHz
Channel=633334 RB=50@0

4. Occupied Bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	633334	3500.01	24@0	DFT_BPSK	8.611	9.620	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.631	9.620	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.611	9.440	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.611	9.580	PASS
n77(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.631	9.520	PASS
n77(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.917	14.130	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.606	14.640	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.636	14.580	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.576	14.670	PASS
n77(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.636	14.730	PASS
n77(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	18.022	19.480	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.302	19.840	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.302	20.080	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.302	19.840	PASS
n77(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.302	20.040	PASS
n77(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.964	38.480	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	38.042	40.960	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	38.042	40.560	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.042	40.560	PASS
n77(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	38.042	40.560	PASS
n77(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.854	48.700	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.652	50.400	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.652	50.200	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.752	50.400	PASS
n77(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.552	50.700	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.501	62.640	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.382	62.760	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.501	62.760	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	58.501	62.760	PASS
n77(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.262	62.520	PASS
n77(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.895	69.860	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	67.972	74.760	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	68.112	73.780	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.972	72.380	PASS
n77(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	67.832	72.380	PASS
n77(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.363	83.200	PASS
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.842	83.040	PASS
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.842	83.360	PASS

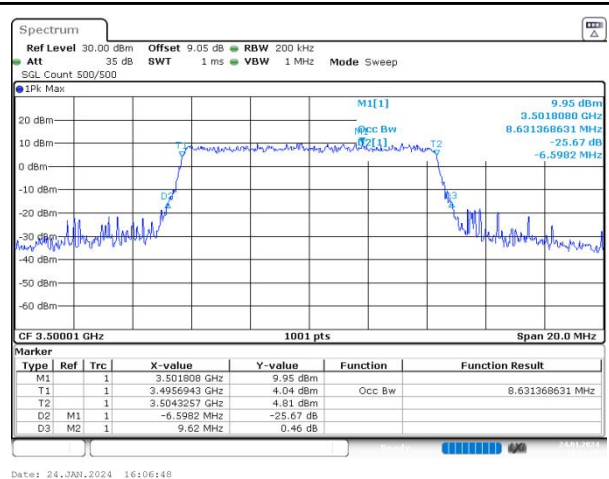


n77(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	78.162	82.400	PASS
n77(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.842	82.400	PASS
n77(3450-3550)	30	90	633334	3500.01	240@0	DFT_BPSK	86.134	90.540	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.752	92.520	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.932	92.340	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.572	92.700	PASS
n77(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.572	92.340	PASS
n77(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.503	101.400	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.502	102.600	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.303	102.600	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.502	102.800	PASS
n77(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.502	102.600	PASS



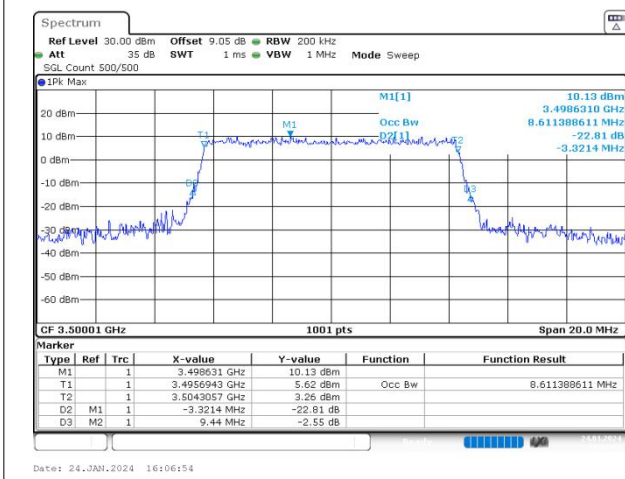
Date: 24.JAN.2024 16:06:40

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



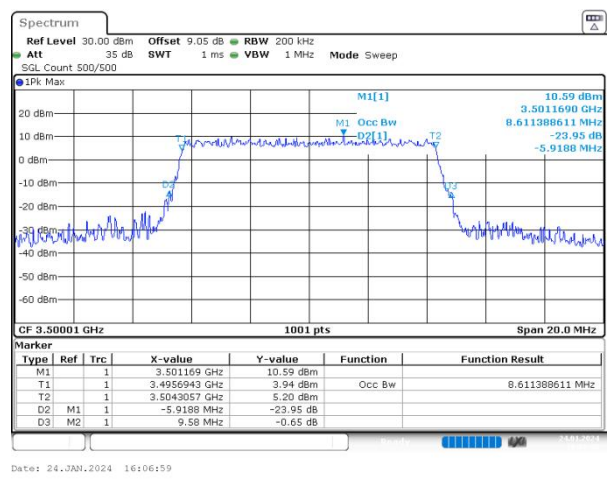
Date: 24.JAN.2024 16:06:48

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



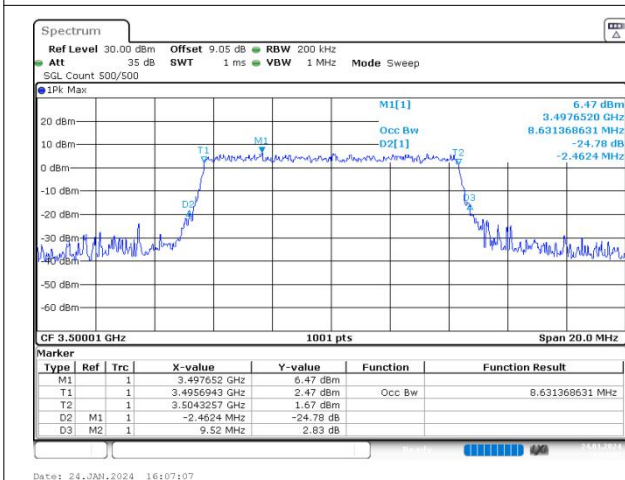
Date: 24.JAN.2024 16:06:54

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



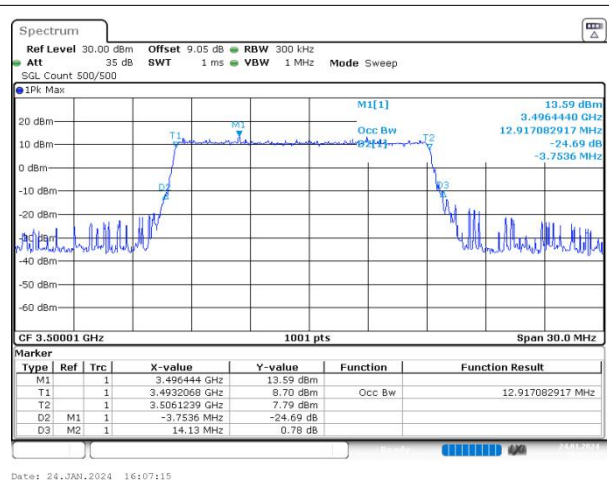
Date: 24.JAN.2024 16:06:59

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



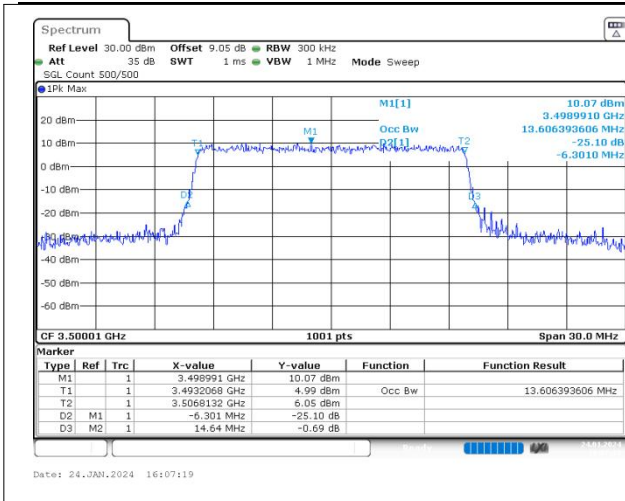
Date: 24.JAN.2024 16:07:07

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

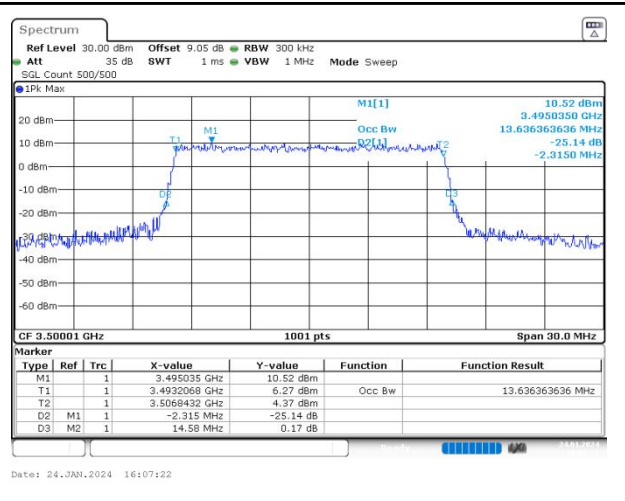


Date: 24.JAN.2024 16:07:15

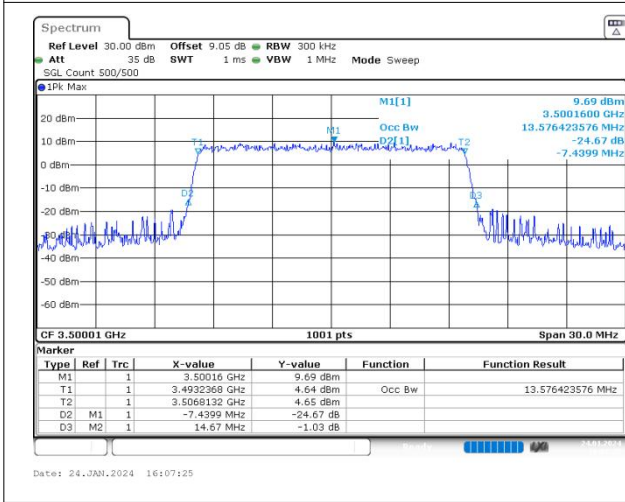
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
Channel=633334 RB=36@0



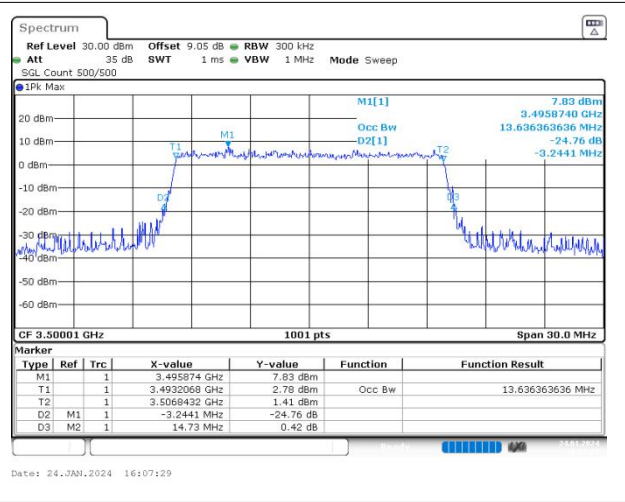
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz
Channel=633334 RB=38@0



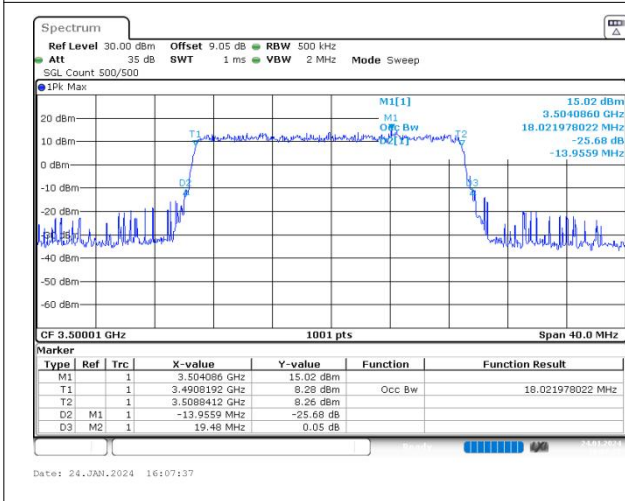
n77(3450-3550) SCS=30kHz CP_16QAM BW=15MHz
Channel=633334 RB=38@0



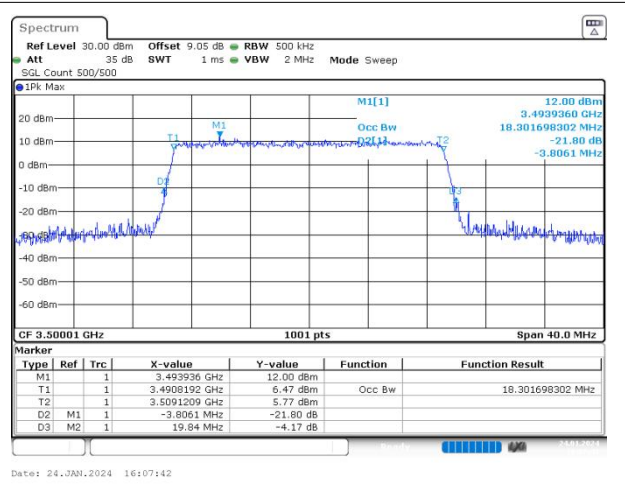
n77(3450-3550) SCS=30kHz CP_64QAM BW=15MHz
Channel=633334 RB=38@0



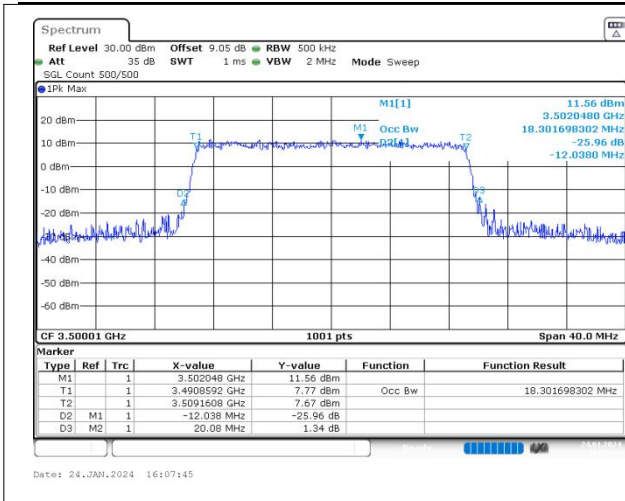
n77(3450-3550) SCS=30kHz CP_256QAM BW=15MHz
Channel=633334 RB=38@0



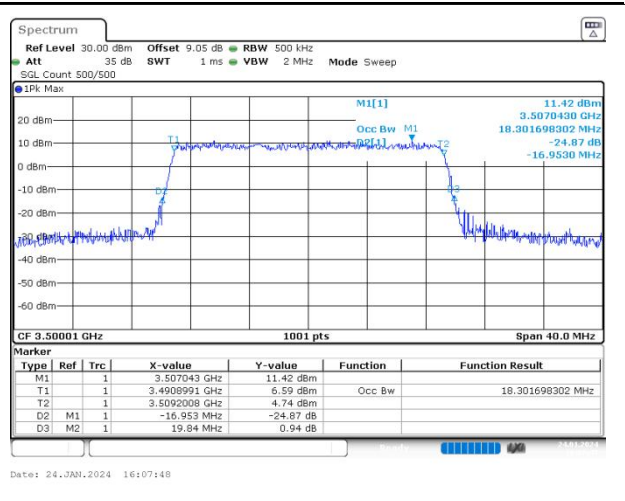
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



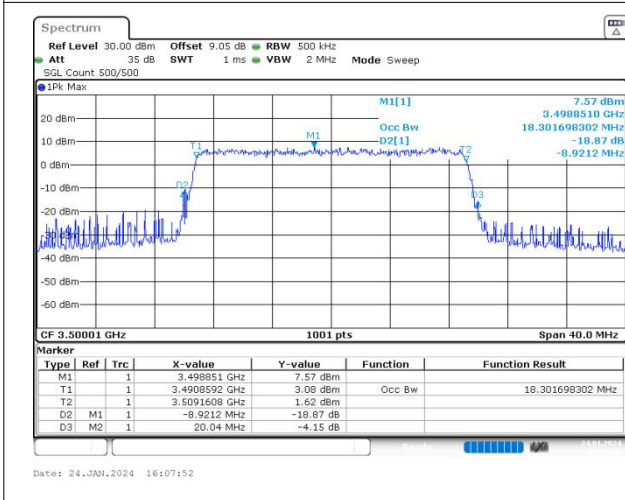
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz
Channel=633334 RB=51@0



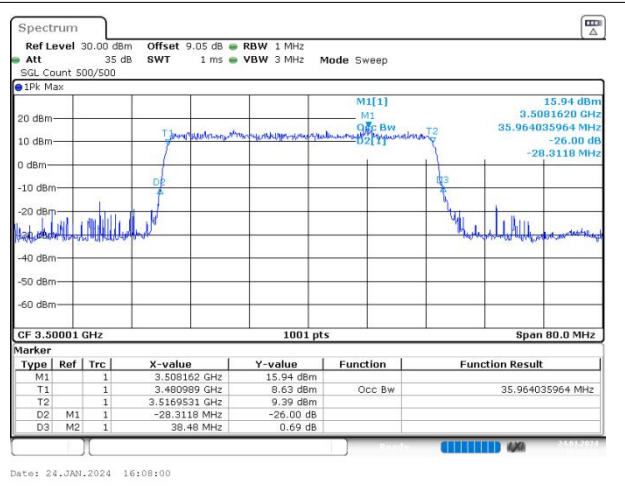
n77(3450-3550) SCS=30kHz CP_16QAM BW=20MHz
Channel=633334 RB=51@0



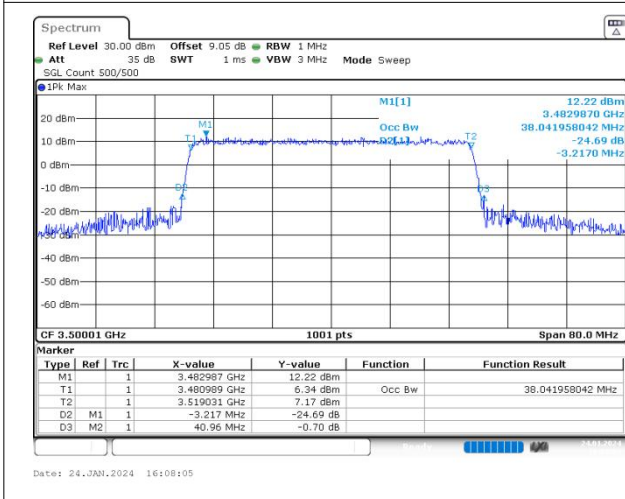
n77(3450-3550) SCS=30kHz CP_64QAM BW=20MHz
Channel=633334 RB=51@0



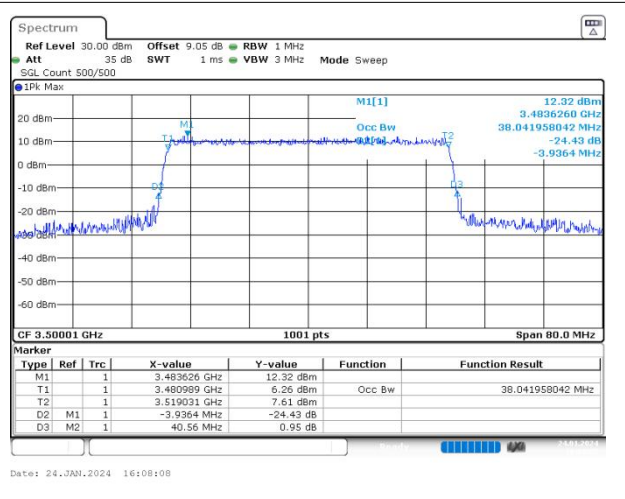
n77(3450-3550) SCS=30kHz CP_256QAM BW=20MHz
Channel=633334 RB=51@0



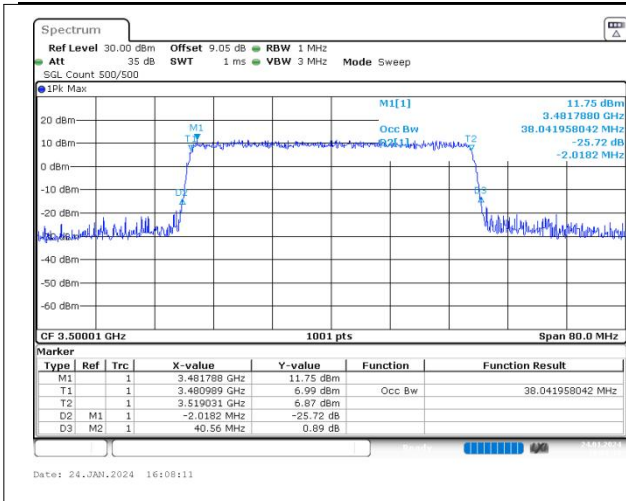
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz
Channel=633334 RB=100@0



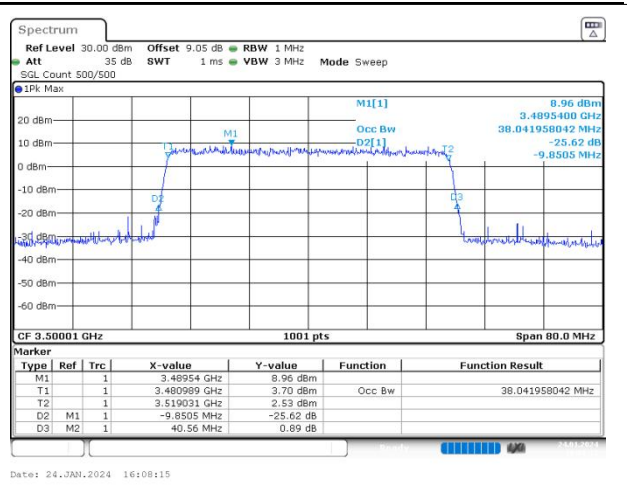
n77(3450-3550) SCS=30kHz CP_QPSK BW=40MHz
Channel=633334 RB=106@0



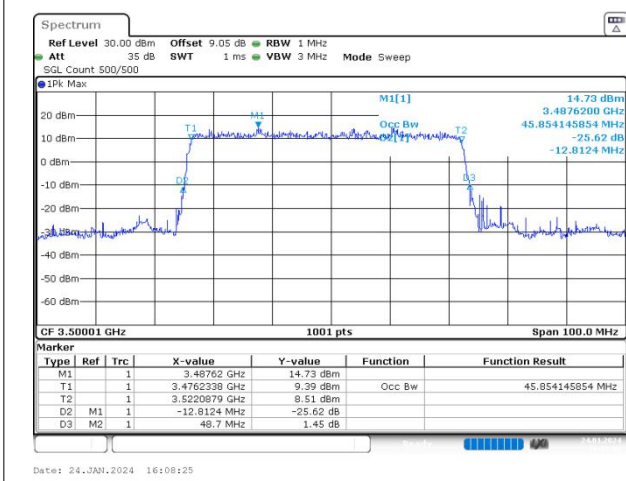
n77(3450-3550) SCS=30kHz CP_16QAM BW=40MHz
Channel=633334 RB=106@0



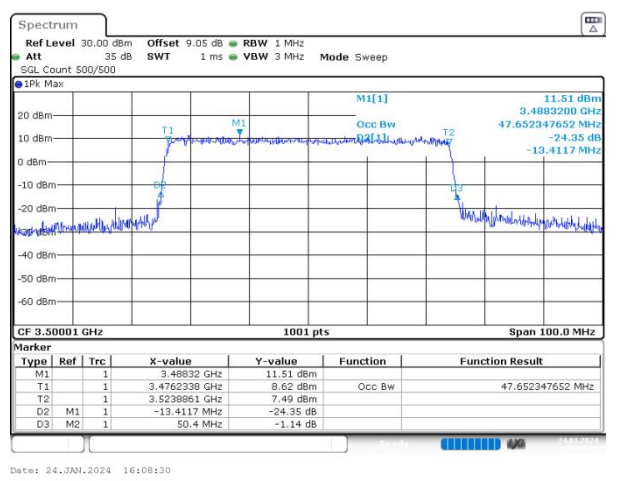
n77(3450-3550) SCS=30kHz CP_64QAM BW=40MHz
Channel=633334 RB=106@0



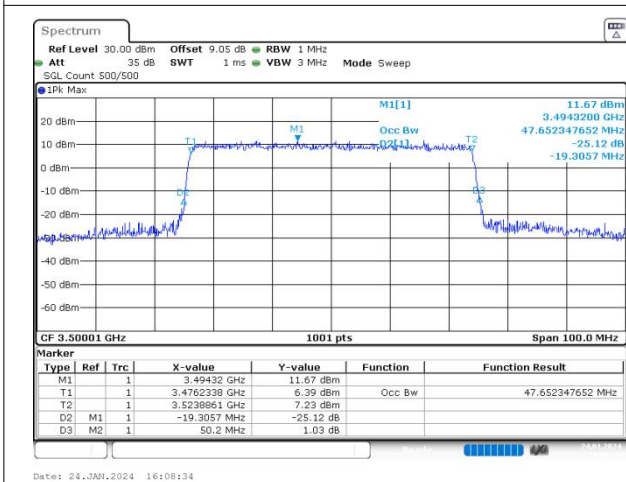
n77(3450-3550) SCS=30kHz CP_256QAM BW=40MHz
Channel=633334 RB=106@0



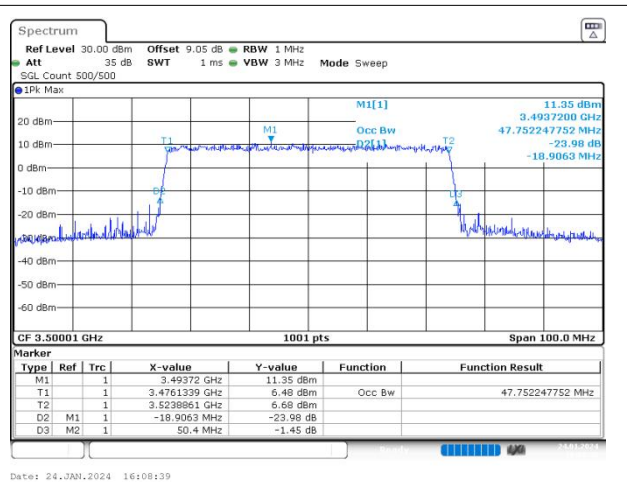
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz
Channel=633334 RB=128@0



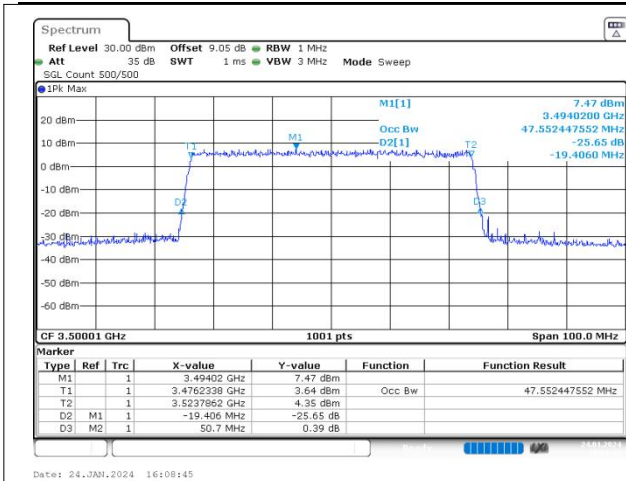
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz
Channel=633334 RB=133@0



n77(3450-3550) SCS=30kHz CP_16QAM BW=50MHz
Channel=633334 RB=133@0

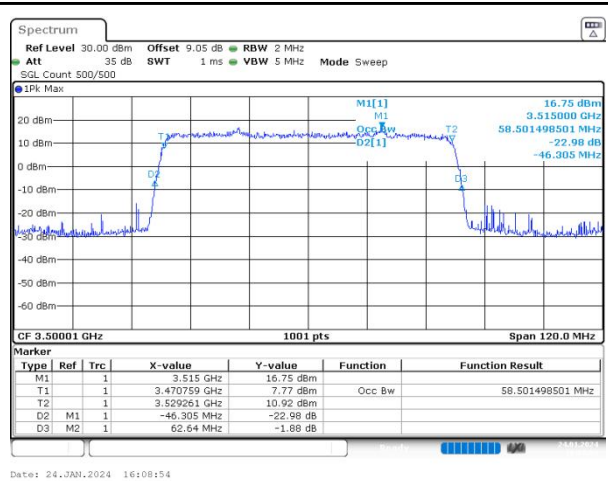


n77(3450-3550) SCS=30kHz CP_64QAM BW=50MHz
Channel=633334 RB=133@0



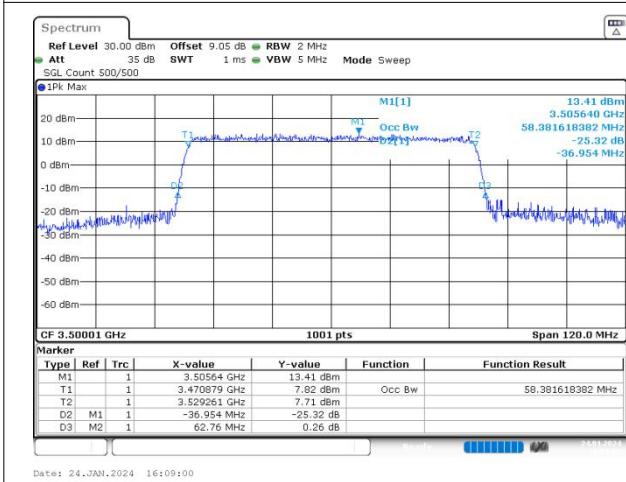
Date: 24.JAN.2024 16:08:45

n77(3450-3550) SCS=30kHz CP_256QAM BW=50MHz
Channel=633334 RB=133@0



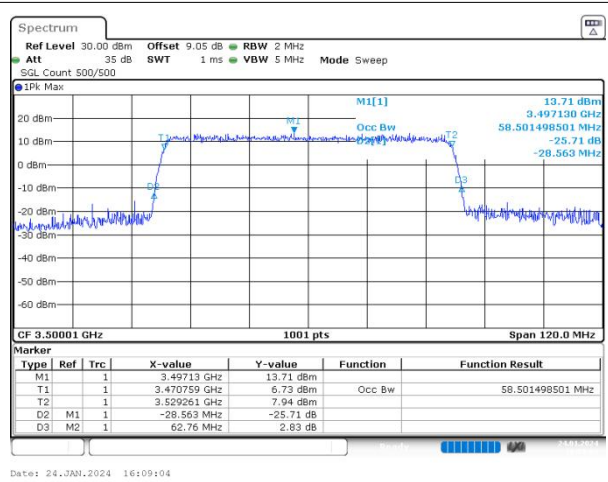
Date: 24.JAN.2024 16:08:54

n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
Channel=633334 RB=162@0



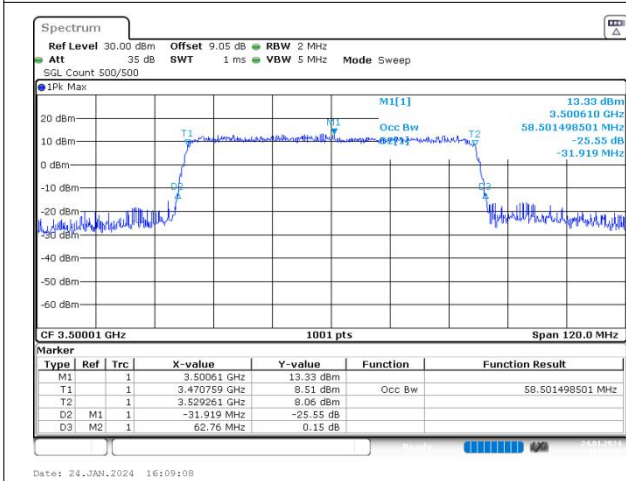
Date: 24.JAN.2024 16:09:00

n77(3450-3550) SCS=30kHz CP_QPSK BW=60MHz
Channel=633334 RB=162@0



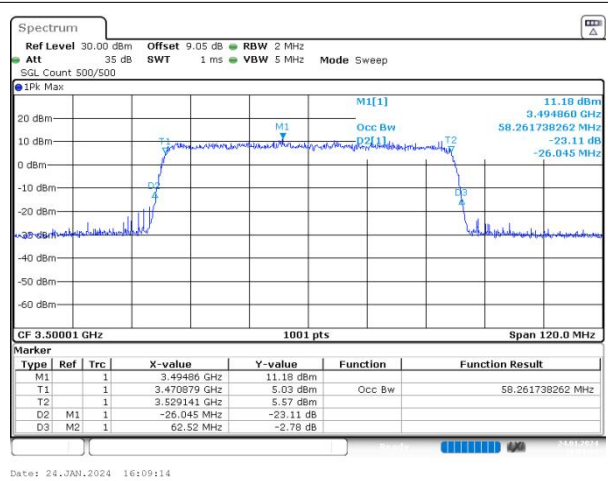
Date: 24.JAN.2024 16:09:04

n77(3450-3550) SCS=30kHz CP_16QAM BW=60MHz
Channel=633334 RB=162@0



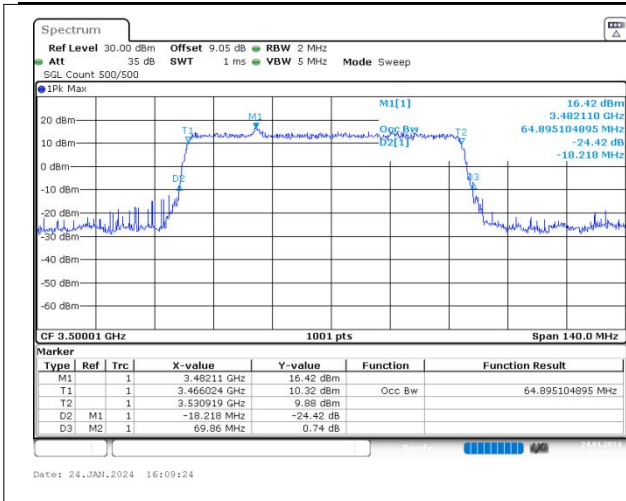
Date: 24.JAN.2024 16:09:08

n77(3450-3550) SCS=30kHz CP_64QAM BW=60MHz
Channel=633334 RB=162@0

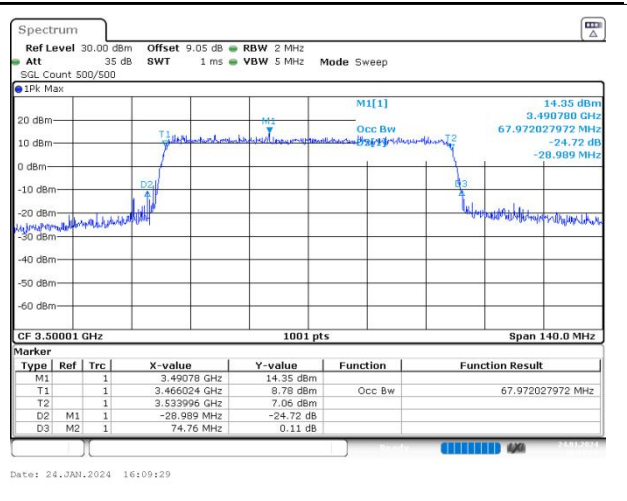


Date: 24.JAN.2024 16:09:14

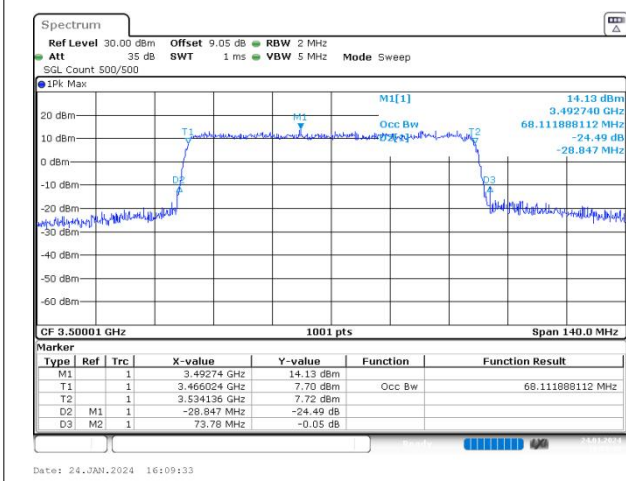
n77(3450-3550) SCS=30kHz CP_256QAM BW=60MHz
Channel=633334 RB=162@0



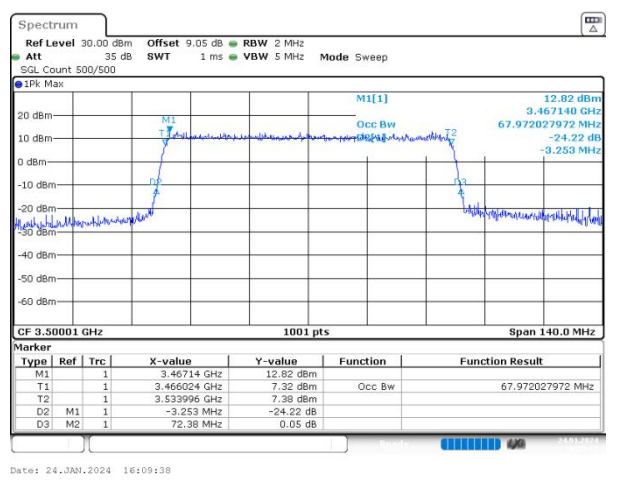
n77(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz
Channel=633334 RB=180@0



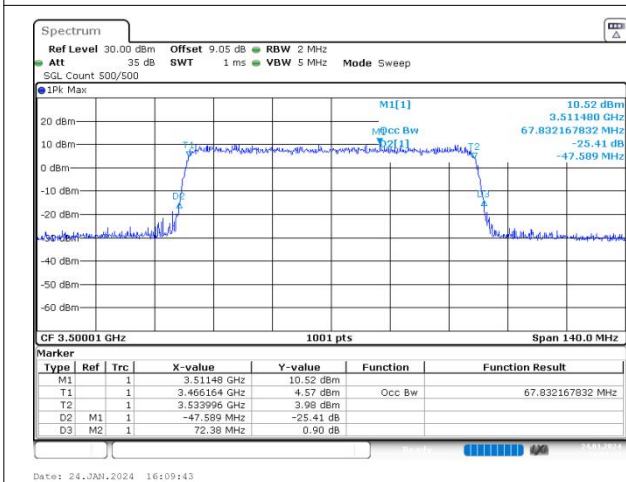
n77(3450-3550) SCS=30kHz CP_QPSK BW=70MHz
Channel=633334 RB=189@0



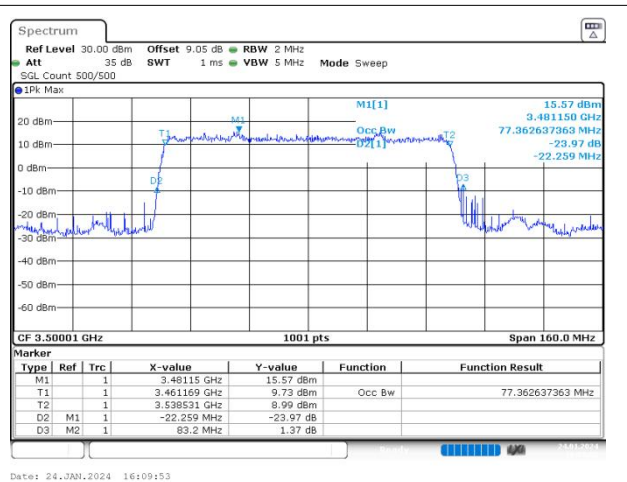
n77(3450-3550) SCS=30kHz CP_16QAM BW=70MHz
Channel=633334 RB=189@0



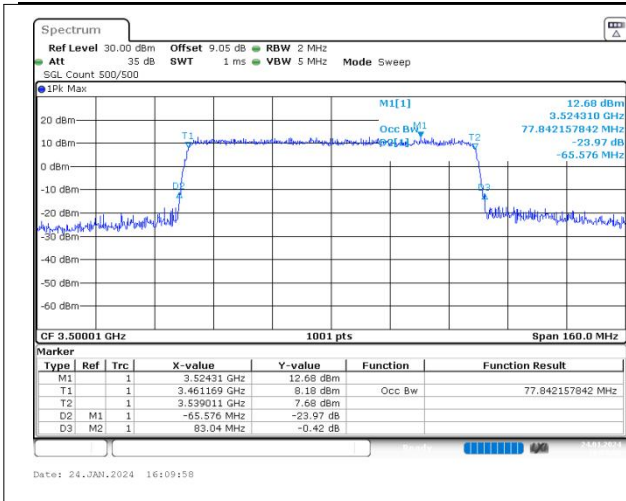
n77(3450-3550) SCS=30kHz CP_64QAM BW=70MHz
Channel=633334 RB=189@0



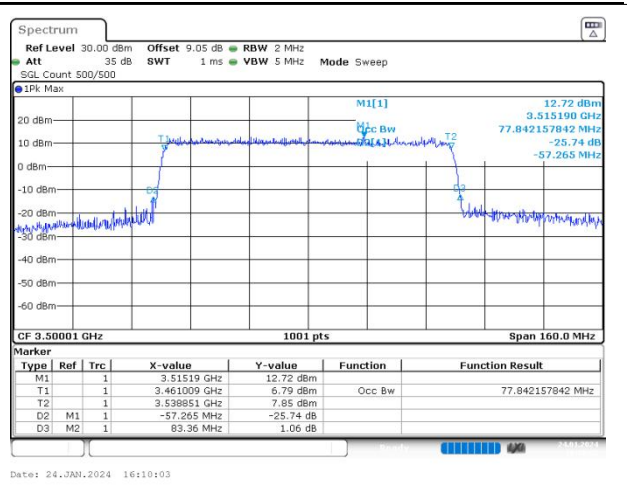
n77(3450-3550) SCS=30kHz CP_256QAM BW=70MHz
Channel=633334 RB=189@0



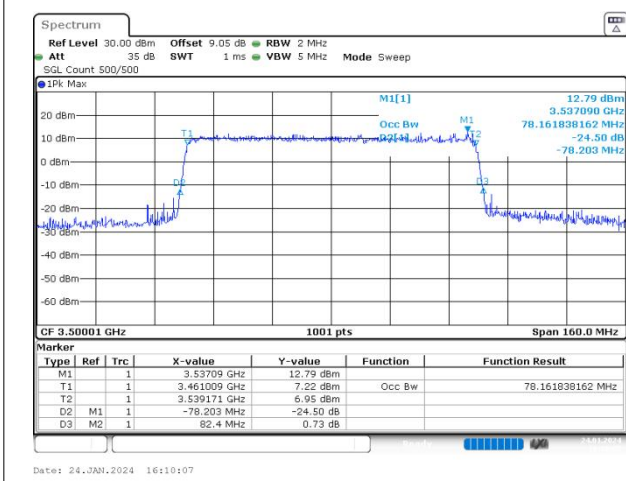
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz
Channel=633334 RB=216@0



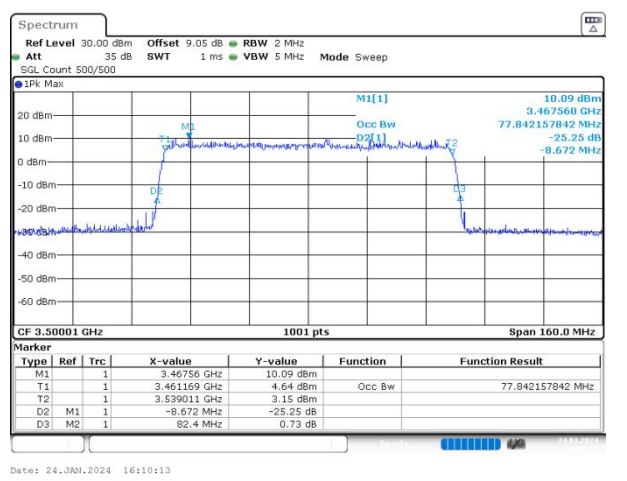
n77(3450-3550) SCS=30kHz CP_QPSK BW=80MHz
Channel=633334 RB=217@0



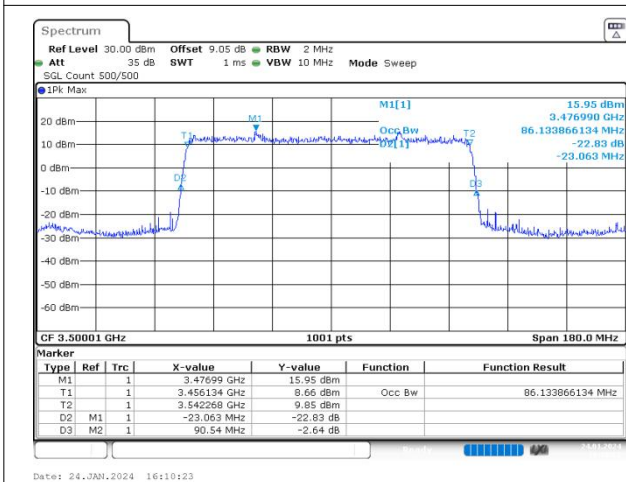
n77(3450-3550) SCS=30kHz CP_16QAM BW=80MHz
Channel=633334 RB=217@0



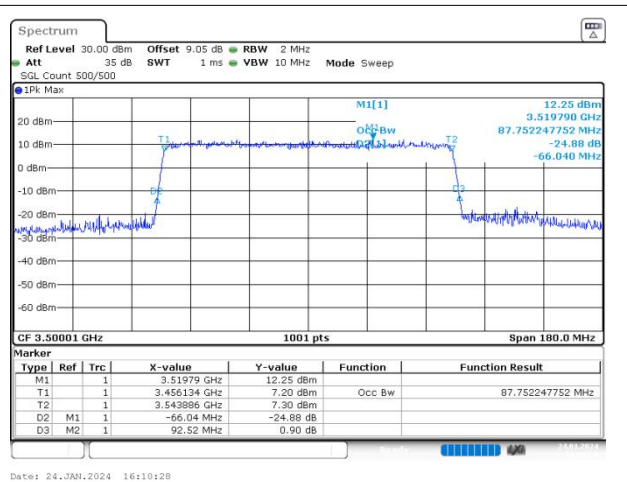
n77(3450-3550) SCS=30kHz CP_64QAM BW=80MHz
Channel=633334 RB=217@0



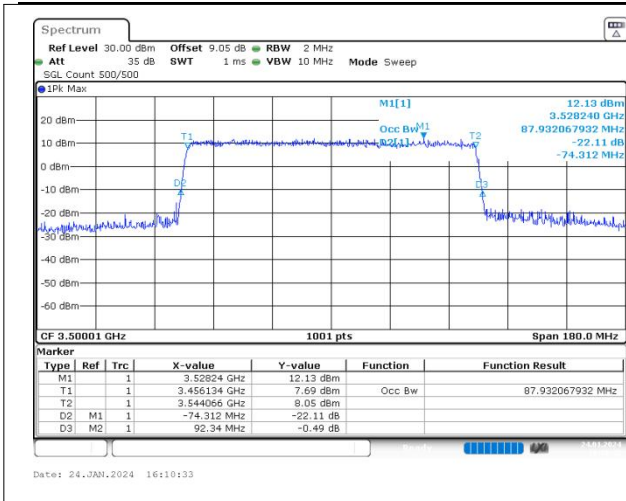
n77(3450-3550) SCS=30kHz CP_256QAM BW=80MHz
Channel=633334 RB=217@0



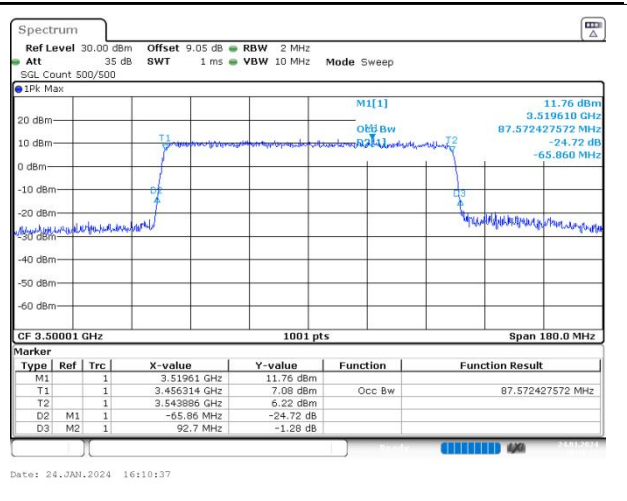
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz
Channel=633334 RB=240@0



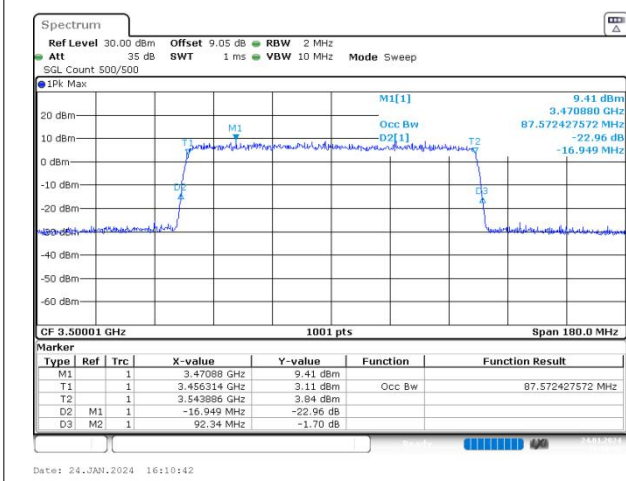
n77(3450-3550) SCS=30kHz CP_QPSK BW=90MHz
Channel=633334 RB=245@0



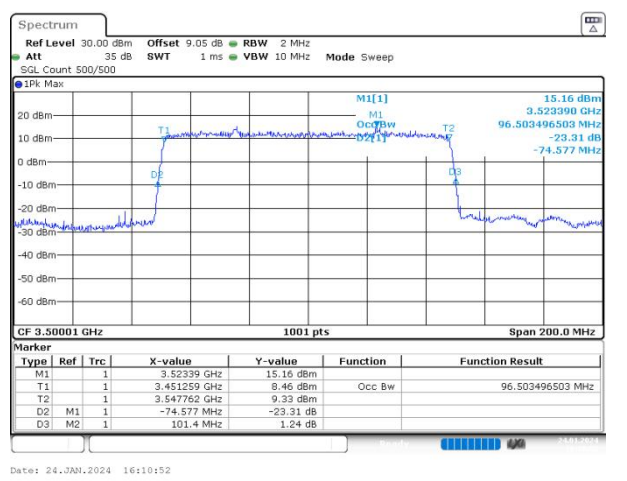
n77(3450-3550) SCS=30kHz CP_16QAM BW=90MHz
Channel=633334 RB=245@0



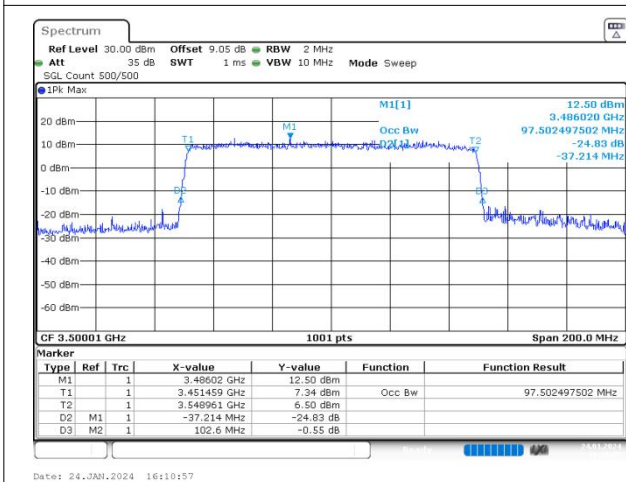
n77(3450-3550) SCS=30kHz CP_64QAM BW=90MHz
Channel=633334 RB=245@0



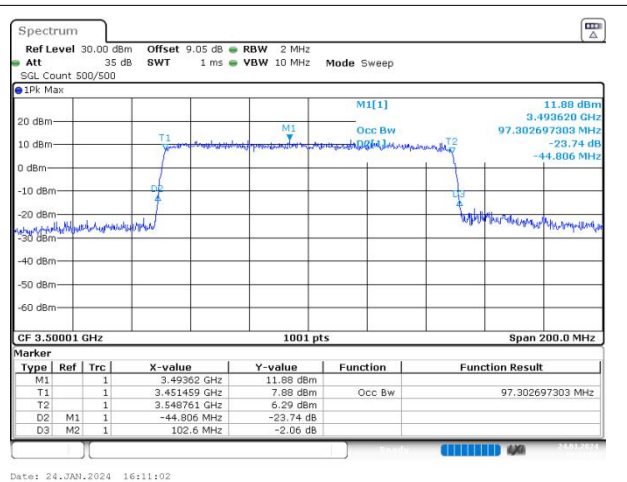
n77(3450-3550) SCS=30kHz CP_256QAM BW=90MHz
Channel=633334 RB=245@0



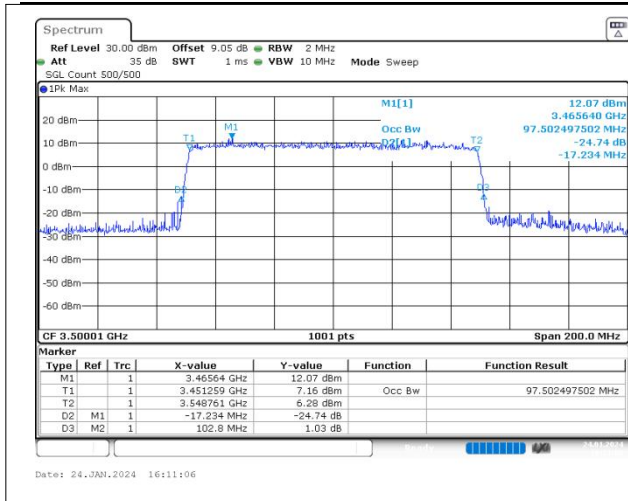
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
Channel=633334 RB=270@0



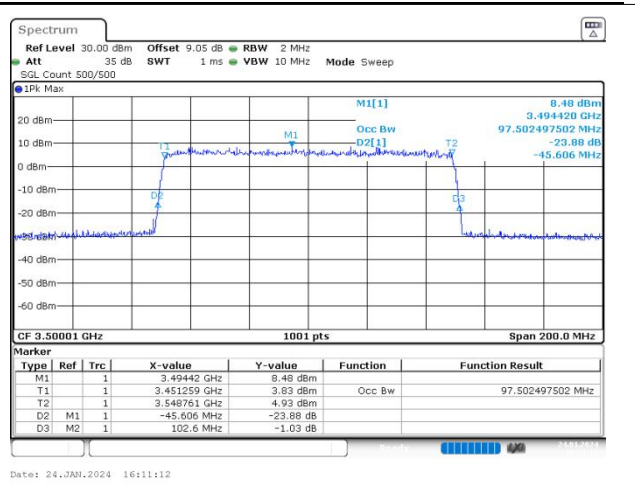
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz
Channel=633334 RB=273@0



n77(3450-3550) SCS=30kHz CP_16QAM BW=100MHz
Channel=633334 RB=273@0

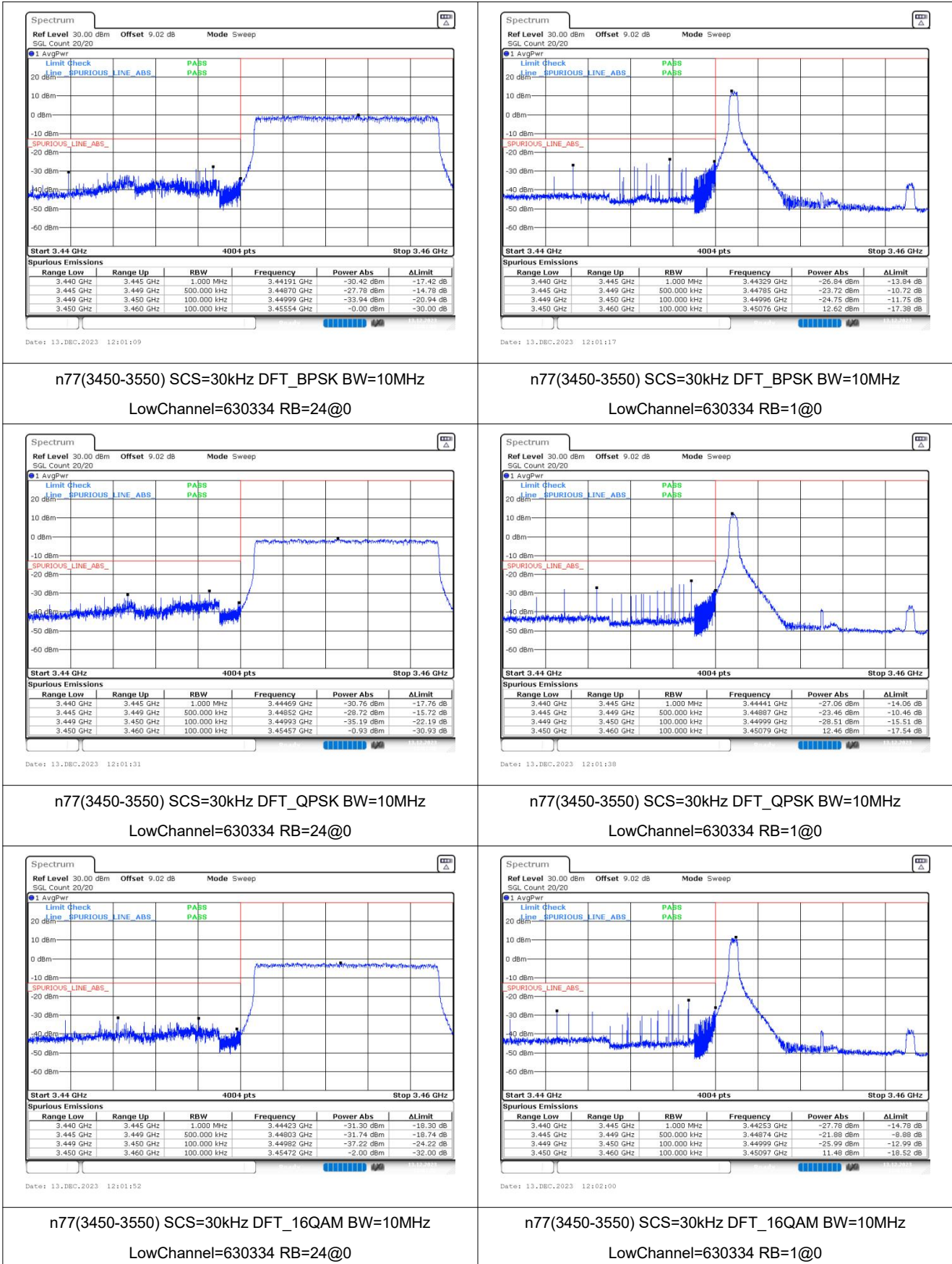


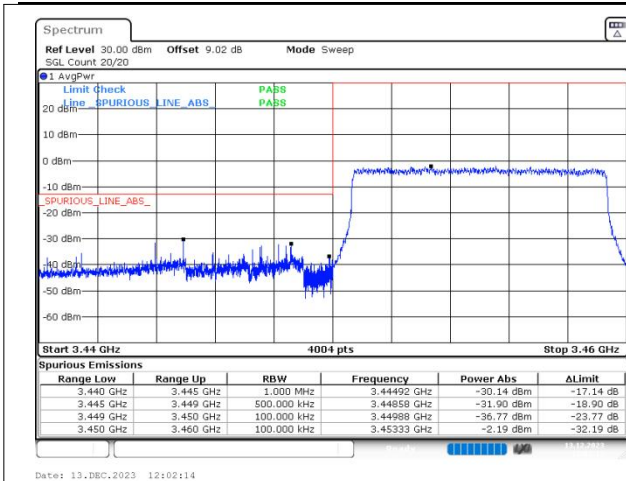
n77(3450-3550) SCS=30kHz CP_64QAM BW=100MHz
Channel=633334 RB=273@0



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

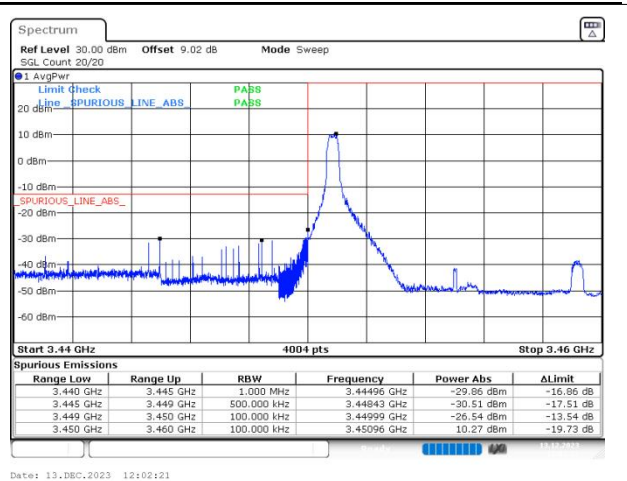
5. Conducted Band Edge





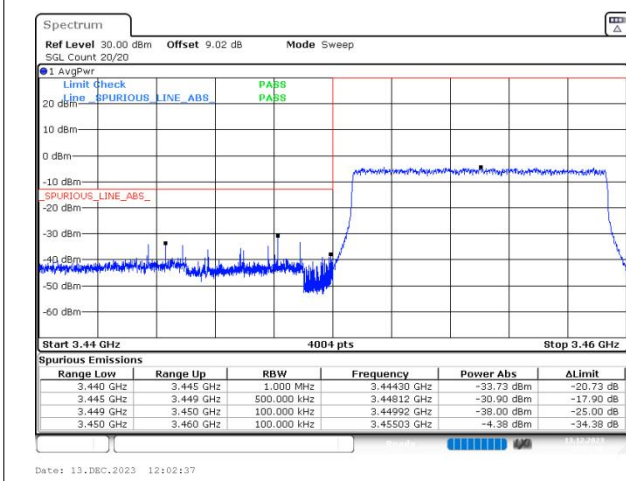
Date: 13. DEC. 2023 12:02:14

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



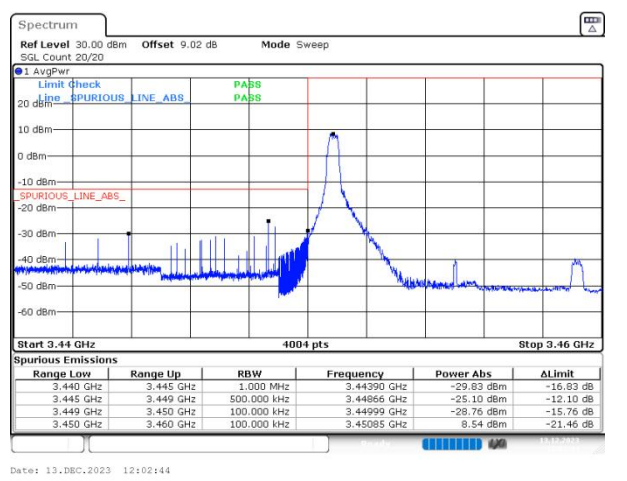
Date: 13. DEC. 2023 12:02:21

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



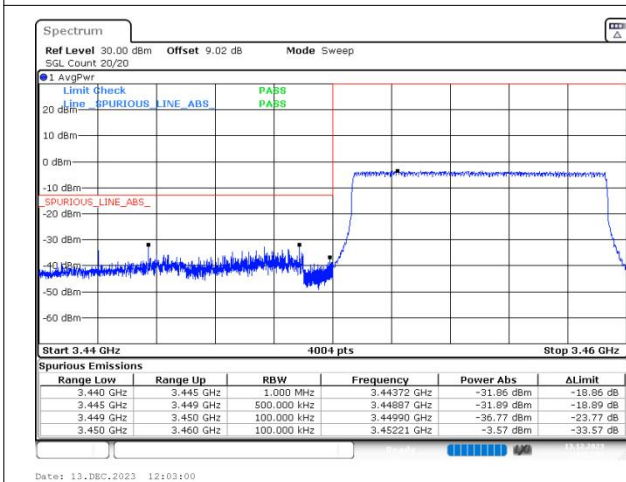
Date: 13. DEC. 2023 12:02:37

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



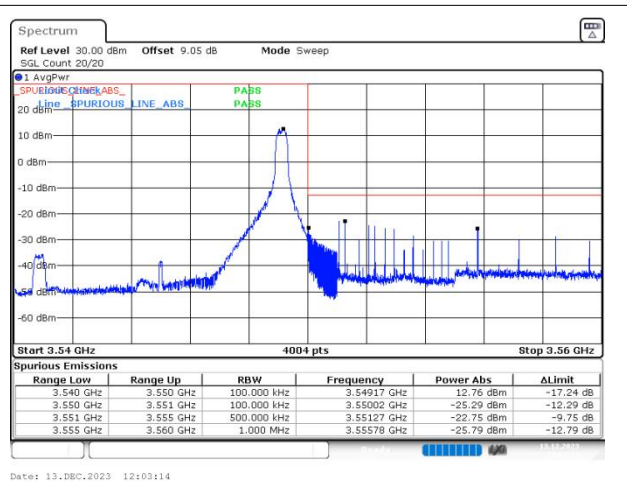
Date: 13. DEC. 2023 12:02:44

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



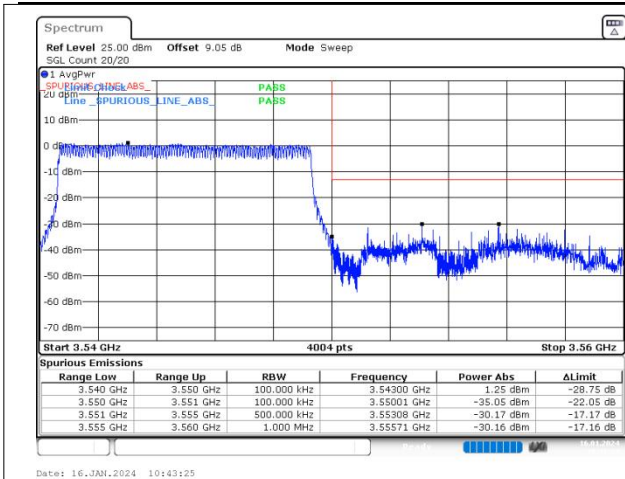
Date: 13. DEC. 2023 12:03:00

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



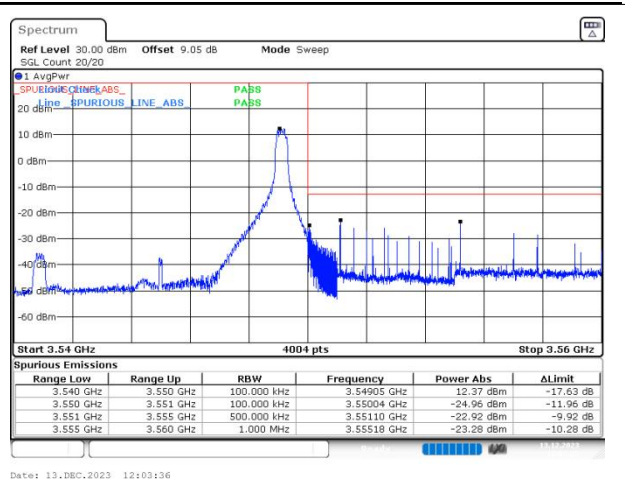
Date: 13. DEC. 2023 12:03:14

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



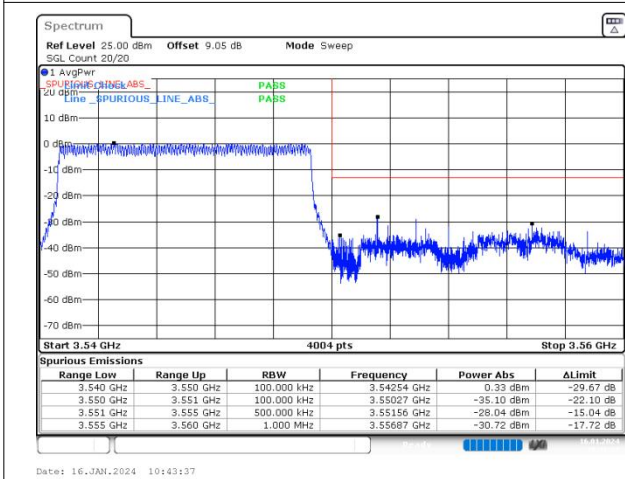
Date: 16.JAN.2024 10:43:25

n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=636332 RB=24@0



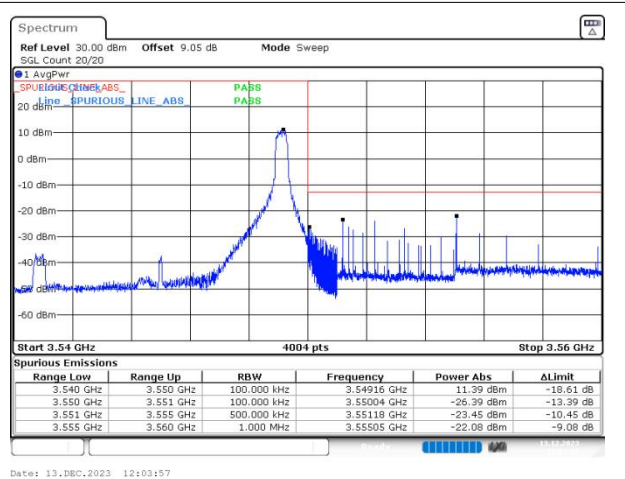
Date: 13.DEC.2023 12:03:36

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



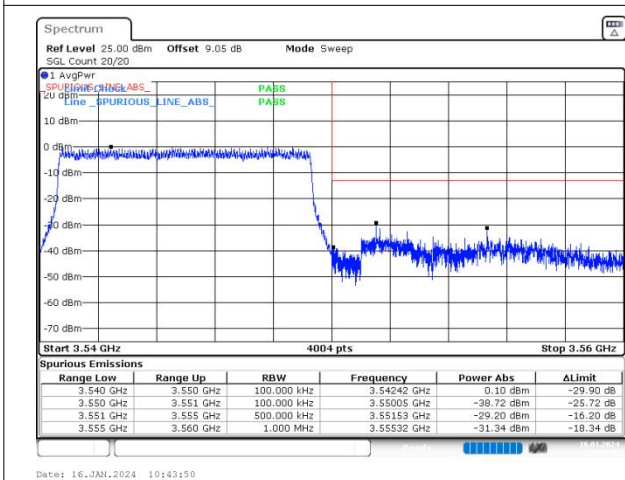
Date: 16.JAN.2024 10:43:17

n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz
HighChannel=636332 RB=24@0



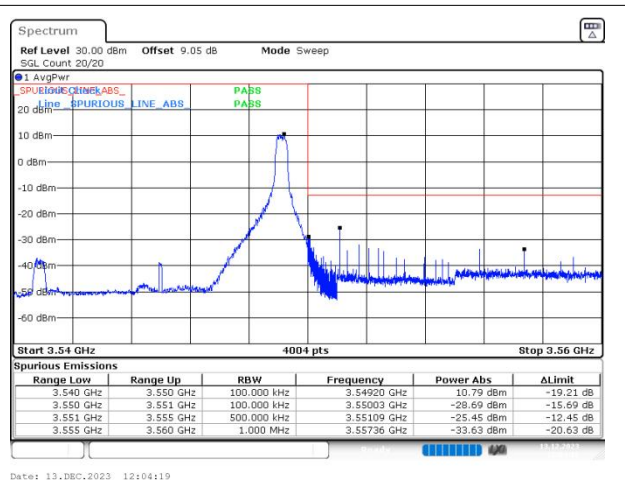
Date: 13.DEC.2023 12:03:57

n77(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz
HighChannel=636332 RB=1@23



Date: 16.JAN.2024 10:43:10

n77(3450-3550) SCS=30kHz DFT_16QAM BW=10MHz
HighChannel=636332 RB=24@0



Date: 13.DEC.2023 12:04:19

n77(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz
HighChannel=636332 RB=1@23