

Appendix A : Test Result - n77-n78-(3.7G)

1. Conducted Output Power

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	22.28	-1.8	20.48	111.69	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	22.78	-1.8	20.98	125.31	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	22.71	-1.8	20.91	123.31	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	22.69	-1.8	20.89	122.74	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	21.79	-1.8	19.99	99.77	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	22.81	-1.8	21.01	126.18	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	22.71	-1.8	20.91	123.31	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	22.67	-1.8	20.87	122.18	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	20.79	-1.8	18.99	79.25	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	21.8	-1.8	20	100	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	21.6	-1.8	19.8	95.5	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	20.19	-1.8	18.39	69.02	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	20.18	-1.8	18.38	68.87	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	18.45	-1.8	16.65	46.24	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	18.45	-1.8	16.65	46.24	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	18.53	-1.8	16.73	47.1	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	18.55	-1.8	16.75	47.32	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	19.8	-1.8	18	63.1	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	21.28	-1.8	19.48	88.72	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	21.18	-1.8	19.38	86.7	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	21.16	-1.8	19.36	86.3	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_16QAM	19.79	-1.8	17.99	62.95	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	20.54	-1.8	18.74	74.82	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	20.47	-1.8	18.67	73.62	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	19.39	-1.8	17.59	57.41	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	19.47	-1.8	17.67	58.48	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	19.43	-1.8	17.63	57.94	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	16.49	-1.8	14.69	29.44	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	16.45	-1.8	14.65	29.17	1000	PASS

n77(3700-3980)	30	10	647000	1@1	CP_256QAM	16.48	-1.8	14.68	29.38	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	16.48	-1.8	14.68	29.38	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	22.28	-1.8	20.48	111.69	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.78	-1.8	20.98	125.31	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.66	-1.8	20.86	121.9	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	21.79	-1.8	19.99	99.77	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	22.62	-1.8	20.82	120.78	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.72	-1.8	20.92	123.59	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	20.77	-1.8	18.97	78.89	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	21.77	-1.8	19.97	99.31	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	21.57	-1.8	19.77	94.84	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	20.27	-1.8	18.47	70.31	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	20.17	-1.8	18.37	68.71	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	18.44	-1.8	16.64	46.13	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	18.42	-1.8	16.62	45.92	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	18.47	-1.8	16.67	46.45	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	18.56	-1.8	16.76	47.42	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	19.75	-1.8	17.95	62.37	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	21.28	-1.8	19.48	88.72	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	21.16	-1.8	19.36	86.3	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	21.27	-1.8	19.47	88.51	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	20.79	-1.8	18.99	79.25	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	20.39	-1.8	18.59	72.28	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	20.48	-1.8	18.68	73.79	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	19.26	-1.8	17.46	55.72	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	19.21	-1.8	17.41	55.08	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	19.29	-1.8	17.49	56.1	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	19.39	-1.8	17.59	57.41	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	16.43	-1.8	14.63	29.04	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	16.39	-1.8	14.59	28.77	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	16.46	-1.8	14.66	29.24	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	16.53	-1.8	14.73	29.72	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	22.07	-1.8	20.27	106.41	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.57	-1.8	20.77	119.4	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.49	-1.8	20.69	117.22	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	21.56	-1.8	19.76	94.62	1000	PASS

n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.43	-1.8	20.63	115.61	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.48	-1.8	20.68	116.95	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	20.57	-1.8	18.77	75.34	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	21.39	-1.8	19.59	90.99	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	21.4	-1.8	19.6	91.2	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	20.08	-1.8	18.28	67.3	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	20.03	-1.8	18.23	66.53	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	19.98	-1.8	18.18	65.77	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	20.02	-1.8	18.22	66.37	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	18.13	-1.8	16.33	42.95	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	18.08	-1.8	16.28	42.46	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	18.16	-1.8	16.36	43.25	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	18.19	-1.8	16.39	43.55	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	19.55	-1.8	17.75	59.57	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	21.05	-1.8	19.25	84.14	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	20.93	-1.8	19.13	81.85	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.96	-1.8	19.16	82.41	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_16QAM	19.57	-1.8	17.77	59.84	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	20.25	-1.8	18.45	69.98	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	19.08	-1.8	17.28	53.46	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	19.03	-1.8	17.23	52.84	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	19.11	-1.8	17.31	53.83	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	16.27	-1.8	14.47	27.99	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	16.23	-1.8	14.43	27.73	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	16.2	-1.8	14.4	27.54	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	16.09	-1.8	14.29	26.85	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	22.96	-1.8	21.16	130.62	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	22.83	-1.8	21.03	126.77	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	21.88	-1.8	20.08	101.86	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	22.93	-1.8	21.13	129.72	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	22.76	-1.8	20.96	124.74	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	22.71	-1.8	20.91	123.31	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	20.84	-1.8	19.04	80.17	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	21.9	-1.8	20.1	102.33	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	21.67	-1.8	19.87	97.05	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	21.67	-1.8	19.87	97.05	1000	PASS

n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	20.38	-1.8	18.58	72.11	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	20.41	-1.8	18.61	72.61	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	20.43	-1.8	18.63	72.95	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	20.37	-1.8	18.57	71.94	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	18.54	-1.8	16.74	47.21	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	18.61	-1.8	16.81	47.97	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	18.27	-1.8	16.47	44.36	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	18.24	-1.8	16.44	44.06	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	19.88	-1.8	18.08	64.27	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	21.39	-1.8	19.59	90.99	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	21.22	-1.8	19.42	87.5	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	21.21	-1.8	19.41	87.3	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	19.91	-1.8	18.11	64.71	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	20.89	-1.8	19.09	81.1	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	20.8	-1.8	19	79.43	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	20.79	-1.8	18.99	79.25	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	19.54	-1.8	17.74	59.43	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	19.64	-1.8	17.84	60.81	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	19.47	-1.8	17.67	58.48	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	16.47	-1.8	14.67	29.31	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	16.51	-1.8	14.71	29.58	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	16.59	-1.8	14.79	30.13	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	16.56	-1.8	14.76	29.92	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	22.31	-1.8	20.51	112.46	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.82	-1.8	21.02	126.47	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	22.63	-1.8	20.83	121.06	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.79	-1.8	20.99	125.6	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	21.8	-1.8	20	100	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.82	-1.8	21.02	126.47	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	22.57	-1.8	20.77	119.4	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	20.78	-1.8	18.98	79.07	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	21.6	-1.8	19.8	95.5	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	20.28	-1.8	18.48	70.47	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	20.29	-1.8	18.49	70.63	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	20.09	-1.8	18.29	67.45	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	18.43	-1.8	16.63	46.03	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	18.43	-1.8	16.63	46.03	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	18.42	-1.8	16.62	45.92	1000	PASS

n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	18.54	-1.8	16.74	47.21	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	19.77	-1.8	17.97	62.66	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	21.26	-1.8	19.46	88.31	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	21.15	-1.8	19.35	86.1	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.3	-1.8	19.5	89.13	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_16QAM	19.77	-1.8	17.97	62.66	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	20.8	-1.8	19	79.43	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	20.4	-1.8	18.6	72.44	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	20.6	-1.8	18.8	75.86	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	19.29	-1.8	17.49	56.1	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	19.29	-1.8	17.49	56.1	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	19.38	-1.8	17.58	57.28	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	16.37	-1.8	14.57	28.64	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	16.42	-1.8	14.62	28.97	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	16.44	-1.8	14.64	29.11	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	16.58	-1.8	14.78	30.06	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	22.07	-1.8	20.27	106.41	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.59	-1.8	20.79	119.95	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.46	-1.8	20.66	116.41	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.45	-1.8	20.65	116.14	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	21.53	-1.8	19.73	93.97	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	20.54	-1.8	18.74	74.82	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	21.56	-1.8	19.76	94.62	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	21.33	-1.8	19.53	89.74	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	21.38	-1.8	19.58	90.78	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	20.06	-1.8	18.26	66.99	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	20.05	-1.8	18.25	66.83	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	19.91	-1.8	18.11	64.71	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	19.92	-1.8	18.12	64.86	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	18.01	-1.8	16.21	41.78	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	18.07	-1.8	16.27	42.36	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	18.07	-1.8	16.27	42.36	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	18.11	-1.8	16.31	42.76	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	19.52	-1.8	17.72	59.16	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	21.03	-1.8	19.23	83.75	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	20.94	-1.8	19.14	82.04	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	20.96	-1.8	19.16	82.41	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	19.55	-1.8	17.75	59.57	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	20.58	-1.8	18.78	75.51	1000	PASS

n77(3700-3980)	30	15	664832	1@1	CP_16QAM	20.25	-1.8	18.45	69.98	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	19.04	-1.8	17.24	52.97	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	16.14	-1.8	14.34	27.16	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	16.18	-1.8	14.38	27.42	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	16.25	-1.8	14.45	27.86	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	16.26	-1.8	14.46	27.93	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	22.89	-1.8	21.09	128.53	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	22.71	-1.8	20.91	123.31	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	22.68	-1.8	20.88	122.46	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	21.84	-1.8	20.04	100.93	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	22.89	-1.8	21.09	128.53	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	22.72	-1.8	20.92	123.59	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	22.65	-1.8	20.85	121.62	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	20.83	-1.8	19.03	79.98	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	21.85	-1.8	20.05	101.16	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	21.63	-1.8	19.83	96.16	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	20.35	-1.8	18.55	71.61	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	20.37	-1.8	18.57	71.94	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	20.11	-1.8	18.31	67.76	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	20.09	-1.8	18.29	67.45	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	18.26	-1.8	16.46	44.26	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	18.49	-1.8	16.69	46.67	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	18.5	-1.8	16.7	46.77	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	18.46	-1.8	16.66	46.34	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	19.79	-1.8	17.99	62.95	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	21.35	-1.8	19.55	90.16	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	21.26	-1.8	19.46	88.31	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	21.2	-1.8	19.4	87.1	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	19.76	-1.8	17.96	62.52	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	20.86	-1.8	19.06	80.54	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	20.6	-1.8	18.8	75.86	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	20.53	-1.8	18.73	74.64	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	19.44	-1.8	17.64	58.08	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	19.37	-1.8	17.57	57.15	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	19.49	-1.8	17.69	58.75	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	16.53	-1.8	14.73	29.72	1000	PASS

n77(3700-3980)	30	20	647334	25@12	CP_256QAM	16.49	-1.8	14.69	29.44	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	16.52	-1.8	14.72	29.65	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	16.41	-1.8	14.61	28.91	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	22.28	-1.8	20.48	111.69	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.76	-1.8	20.96	124.74	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.7	-1.8	20.9	123.03	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	21.76	-1.8	19.96	99.08	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.78	-1.8	20.98	125.31	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	22.52	-1.8	20.72	118.03	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.73	-1.8	20.93	123.88	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	20.73	-1.8	18.93	78.16	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	21.48	-1.8	19.68	92.9	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	20.27	-1.8	18.47	70.31	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	19.92	-1.8	18.12	64.86	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	20.15	-1.8	18.35	68.39	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	18.26	-1.8	16.46	44.26	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	18.41	-1.8	16.61	45.81	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	18.31	-1.8	16.51	44.77	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	18.74	-1.8	16.94	49.43	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	21.24	-1.8	19.44	87.9	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	21.03	-1.8	19.23	83.75	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	21.22	-1.8	19.42	87.5	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	20.8	-1.8	19	79.43	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	20.41	-1.8	18.61	72.61	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	20.58	-1.8	18.78	75.51	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	19.26	-1.8	17.46	55.72	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	19.16	-1.8	17.36	54.45	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	19.35	-1.8	17.55	56.89	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	16.83	-1.8	15.03	31.84	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	16.4	-1.8	14.6	28.84	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	16.22	-1.8	14.42	27.67	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	16.54	-1.8	14.74	29.79	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	22.07	-1.8	20.27	106.41	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.41	-1.8	20.61	115.08	1000	PASS

n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	21.52	-1.8	19.72	93.76	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.52	-1.8	20.72	118.03	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	20.5	-1.8	18.7	74.13	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	21.46	-1.8	19.66	92.47	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	21.38	-1.8	19.58	90.78	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	21.39	-1.8	19.59	90.99	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	19.99	-1.8	18.19	65.92	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	19.9	-1.8	18.1	64.57	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	19.93	-1.8	18.13	65.01	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	18.04	-1.8	16.24	42.07	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	17.26	-1.8	15.46	35.16	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	17.74	-1.8	15.94	39.26	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	17.55	-1.8	15.75	37.58	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	21	-1.8	19.2	83.18	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	20.83	-1.8	19.03	79.98	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	20.85	-1.8	19.05	80.35	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	19.42	-1.8	17.62	57.81	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	20.55	-1.8	18.75	74.99	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	20.35	-1.8	18.55	71.61	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	20.31	-1.8	18.51	70.96	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	18.99	-1.8	17.19	52.36	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	19.09	-1.8	17.29	53.58	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	19.04	-1.8	17.24	52.97	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	16.13	-1.8	14.33	27.1	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	16.17	-1.8	14.37	27.35	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	16.6	-1.8	14.8	30.2	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	22.76	-1.8	20.96	124.74	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	22.31	-1.8	20.51	112.46	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	21.63	-1.8	19.83	96.16	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	22.75	-1.8	20.95	124.45	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	21.28	-1.8	19.48	88.72	1000	PASS

n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	21.35	-1.8	19.55	90.16	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	20.12	-1.8	18.32	67.92	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	20.27	-1.8	18.47	70.31	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	19.73	-1.8	17.93	62.09	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	19.78	-1.8	17.98	62.81	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	18.26	-1.8	16.46	44.26	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	18.52	-1.8	16.72	46.99	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	18.11	-1.8	16.31	42.76	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	18.26	-1.8	16.46	44.26	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	20.28	-1.8	18.48	70.47	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	21.19	-1.8	19.39	86.9	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	20.86	-1.8	19.06	80.54	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	20.88	-1.8	19.08	80.91	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	19.62	-1.8	17.82	60.53	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	20.75	-1.8	18.95	78.52	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	20.2	-1.8	18.4	69.18	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	20.25	-1.8	18.45	69.98	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	19.33	-1.8	17.53	56.62	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	19.09	-1.8	17.29	53.58	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	19.12	-1.8	17.32	53.95	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	16.64	-1.8	14.84	30.48	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	16.31	-1.8	14.51	28.25	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	16.09	-1.8	14.29	26.85	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	16.13	-1.8	14.33	27.1	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.72	-1.8	20.92	123.59	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	22.05	-1.8	20.25	105.93	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	21.61	-1.8	19.81	95.72	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.7	-1.8	20.9	123.03	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	22.05	-1.8	20.25	105.93	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	21.7	-1.8	19.9	97.72	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	21.08	-1.8	19.28	84.72	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	21.39	-1.8	19.59	90.99	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	20.1	-1.8	18.3	67.61	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	20.22	-1.8	18.42	69.5	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	19.43	-1.8	17.63	57.94	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	18.23	-1.8	16.43	43.95	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	18.35	-1.8	16.55	45.19	1000	PASS

n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	17.91	-1.8	16.11	40.83	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	18.11	-1.8	16.31	42.76	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.57	-1.8	17.77	59.84	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	21.16	-1.8	19.36	86.3	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	20.6	-1.8	18.8	75.86	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	20.92	-1.8	19.12	81.66	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	19.6	-1.8	17.8	60.26	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	20.68	-1.8	18.88	77.27	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	19.95	-1.8	18.15	65.31	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	20.28	-1.8	18.48	70.47	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	19.16	-1.8	17.36	54.45	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	19.26	-1.8	17.46	55.72	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	16.22	-1.8	14.42	27.67	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	16.29	-1.8	14.49	28.12	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	16.26	-1.8	14.46	27.93	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	16.23	-1.8	14.43	27.73	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	21.98	-1.8	20.18	104.23	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.09	-1.8	20.29	106.91	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	21.46	-1.8	19.66	92.47	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.57	-1.8	20.77	119.4	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.06	-1.8	20.26	106.17	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	20.44	-1.8	18.64	73.11	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	21.56	-1.8	19.76	94.62	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	21.04	-1.8	19.24	83.95	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	21.03	-1.8	19.23	83.75	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	19.95	-1.8	18.15	65.31	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	20.09	-1.8	18.29	67.45	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	19.52	-1.8	17.72	59.16	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	19.48	-1.8	17.68	58.61	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	17.97	-1.8	16.17	41.4	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	17.26	-1.8	15.46	35.16	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	17.92	-1.8	16.12	40.93	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	17.55	-1.8	15.75	37.58	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	19.47	-1.8	17.67	58.48	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	21.03	-1.8	19.23	83.75	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.67	-1.8	18.87	77.09	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	20.65	-1.8	18.85	76.74	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	19.51	-1.8	17.71	59.02	1000	PASS

n77(3700-3980)	30	40	664000	53@26	CP_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	20.04	-1.8	18.24	66.68	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	18.94	-1.8	17.14	51.76	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	19.03	-1.8	17.23	52.84	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	18.76	-1.8	16.96	49.66	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	18.74	-1.8	16.94	49.43	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	16.1	-1.8	14.3	26.92	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	15.95	-1.8	14.15	26	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	15.97	-1.8	14.17	26.12	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	22.29	-1.8	20.49	111.94	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	22.78	-1.8	20.98	125.31	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	22.63	-1.8	20.83	121.06	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22.76	-1.8	20.96	124.74	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	21.77	-1.8	19.97	99.31	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	22.61	-1.8	20.81	120.5	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.71	-1.8	20.91	123.31	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	20.77	-1.8	18.97	78.89	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	21.77	-1.8	19.97	99.31	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	21.71	-1.8	19.91	97.95	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	20.3	-1.8	18.5	70.79	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	20.1	-1.8	18.3	67.61	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	18.41	-1.8	16.61	45.81	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	18.42	-1.8	16.62	45.92	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	18.51	-1.8	16.71	46.88	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	18.59	-1.8	16.79	47.75	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	21.29	-1.8	19.49	88.92	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	21.08	-1.8	19.28	84.72	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	21.22	-1.8	19.42	87.5	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_16QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	20.74	-1.8	18.94	78.34	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	20.38	-1.8	18.58	72.11	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	20.48	-1.8	18.68	73.79	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	19.38	-1.8	17.58	57.28	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	19.33	-1.8	17.53	56.62	1000	PASS

n77(3700-3980)	30	50	648334	133@0	CP_256QAM	16.4	-1.8	14.6	28.84	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	16.38	-1.8	14.58	28.71	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	16.34	-1.8	14.54	28.44	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	22.19	-1.8	20.39	109.4	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.72	-1.8	20.92	123.59	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	22.27	-1.8	20.47	111.43	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.68	-1.8	20.88	122.46	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	20.67	-1.8	18.87	77.09	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	21.74	-1.8	19.94	98.63	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	21.22	-1.8	19.42	87.5	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	20.16	-1.8	18.36	68.55	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	19.95	-1.8	18.15	65.31	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	20.35	-1.8	18.55	71.61	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	18.31	-1.8	16.51	44.77	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	18.39	-1.8	16.59	45.6	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	17.87	-1.8	16.07	40.46	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	18.31	-1.8	16.51	44.77	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	21.21	-1.8	19.41	87.3	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	20.76	-1.8	18.96	78.7	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	21.16	-1.8	19.36	86.3	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	19.66	-1.8	17.86	61.09	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	20.75	-1.8	18.95	78.52	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	20.3	-1.8	18.5	70.79	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	20.74	-1.8	18.94	78.34	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	19.18	-1.8	17.38	54.7	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	19.37	-1.8	17.57	57.15	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	16.31	-1.8	14.51	28.25	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	16.34	-1.8	14.54	28.44	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	16.19	-1.8	14.39	27.48	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	16.59	-1.8	14.79	30.13	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	21.99	-1.8	20.19	104.47	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	22.33	-1.8	20.53	112.98	1000	PASS

n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.31	-1.8	20.51	112.46	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	21.48	-1.8	19.68	92.9	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	22.31	-1.8	20.51	112.46	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.29	-1.8	20.49	111.94	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	20.47	-1.8	18.67	73.62	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	21.55	-1.8	19.75	94.41	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	21.3	-1.8	19.5	89.13	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	21.3	-1.8	19.5	89.13	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	20.08	-1.8	18.28	67.3	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	19.85	-1.8	18.05	63.83	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	19.82	-1.8	18.02	63.39	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	17.99	-1.8	16.19	41.59	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	18.06	-1.8	16.26	42.27	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	18.23	-1.8	16.43	43.95	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	18.05	-1.8	16.25	42.17	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.49	-1.8	17.69	58.75	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	21.05	-1.8	19.25	84.14	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.81	-1.8	19.01	79.62	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	20.81	-1.8	19.01	79.62	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_16QAM	19.49	-1.8	17.69	58.75	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	20.52	-1.8	18.72	74.47	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	20.07	-1.8	18.27	67.14	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	20.15	-1.8	18.35	68.39	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	16.17	-1.8	14.37	27.35	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	16.16	-1.8	14.36	27.29	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	16.18	-1.8	14.38	27.42	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	22.3	-1.8	20.5	112.2	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	22.83	-1.8	21.03	126.77	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	22.48	-1.8	20.68	116.95	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.67	-1.8	20.87	122.18	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	22.83	-1.8	21.03	126.77	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	22.46	-1.8	20.66	116.41	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.64	-1.8	20.84	121.34	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	20.74	-1.8	18.94	78.34	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	21.8	-1.8	20	100	1000	PASS

n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	21.45	-1.8	19.65	92.26	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	21.63	-1.8	19.83	96.16	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	20.29	-1.8	18.49	70.63	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	19.94	-1.8	18.14	65.16	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	20.13	-1.8	18.33	68.08	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	18.37	-1.8	16.57	45.39	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	18.41	-1.8	16.61	45.81	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	18.38	-1.8	16.58	45.5	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	18.58	-1.8	16.78	47.64	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	21.3	-1.8	19.5	89.13	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	21	-1.8	19.2	83.18	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	21.15	-1.8	19.35	86.1	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	19.72	-1.8	17.92	61.94	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	20.81	-1.8	19.01	79.62	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	20.22	-1.8	18.42	69.5	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	20.37	-1.8	18.57	71.94	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	19.36	-1.8	17.56	57.02	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	19.47	-1.8	17.67	58.48	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	19.21	-1.8	17.41	55.08	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	16.36	-1.8	14.56	28.58	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	16.39	-1.8	14.59	28.77	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	16.35	-1.8	14.55	28.51	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	16.5	-1.8	14.7	29.51	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	22.18	-1.8	20.38	109.14	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.62	-1.8	20.82	120.78	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	21.65	-1.8	19.85	96.61	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.73	-1.8	20.93	123.88	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	22.13	-1.8	20.33	107.89	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.58	-1.8	20.78	119.67	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	20.64	-1.8	18.84	76.56	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	21.17	-1.8	19.37	86.5	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	20.15	-1.8	18.35	68.39	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	19.66	-1.8	17.86	61.09	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	20.1	-1.8	18.3	67.61	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	18.27	-1.8	16.47	44.36	1000	PASS

n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	18.35	-1.8	16.55	45.19	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	18.07	-1.8	16.27	42.36	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	18.54	-1.8	16.74	47.21	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.61	-1.8	17.81	60.39	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	21.21	-1.8	19.41	87.3	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	20.7	-1.8	18.9	77.62	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	21.15	-1.8	19.35	86.1	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	19.62	-1.8	17.82	60.53	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	20.74	-1.8	18.94	78.34	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	20.44	-1.8	18.64	73.11	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	19.12	-1.8	17.32	53.95	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	19.24	-1.8	17.44	55.46	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	18.81	-1.8	17.01	50.23	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	16.29	-1.8	14.49	28.12	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	16.35	-1.8	14.55	28.51	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	16.08	-1.8	14.28	26.79	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	16.53	-1.8	14.73	29.72	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	22.01	-1.8	20.21	104.95	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	22.23	-1.8	20.43	110.41	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.2	-1.8	20.4	109.65	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	21.49	-1.8	19.69	93.11	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.16	-1.8	20.36	108.64	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	20.48	-1.8	18.68	73.79	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	21.53	-1.8	19.73	93.97	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	21.19	-1.8	19.39	86.9	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	21.17	-1.8	19.37	86.5	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	20.02	-1.8	18.22	66.37	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	17.98	-1.8	16.18	41.5	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	18	-1.8	16.2	41.69	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	18.12	-1.8	16.32	42.85	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	17.83	-1.8	16.03	40.09	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.44	-1.8	17.64	58.08	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	20.99	-1.8	19.19	82.99	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	20.72	-1.8	18.92	77.98	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	20.67	-1.8	18.87	77.09	1000	PASS

n77(3700-3980)	30	60	663332	162@0	CP_16QAM	19.46	-1.8	17.66	58.34	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	20.49	-1.8	18.69	73.96	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	19.95	-1.8	18.15	65.31	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	18.92	-1.8	17.12	51.52	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	18.83	-1.8	17.03	50.47	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	18.8	-1.8	17	50.12	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	16.08	-1.8	14.28	26.79	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	16.12	-1.8	14.32	27.04	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	16.12	-1.8	14.32	27.04	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	16.02	-1.8	14.22	26.42	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	22.94	-1.8	21.14	130.02	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	21.89	-1.8	20.09	102.09	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	22.94	-1.8	21.14	130.02	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	22.69	-1.8	20.89	122.74	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	20.9	-1.8	19.1	81.28	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	21.92	-1.8	20.12	102.8	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	21.26	-1.8	19.46	88.31	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	21.56	-1.8	19.76	94.62	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	20.37	-1.8	18.57	71.94	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	20.43	-1.8	18.63	72.95	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	19.99	-1.8	18.19	65.92	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	20.28	-1.8	18.48	70.47	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	18.55	-1.8	16.75	47.32	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	18.61	-1.8	16.81	47.97	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	18.04	-1.8	16.24	42.07	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	18.34	-1.8	16.54	45.08	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	19.85	-1.8	18.05	63.83	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	21.45	-1.8	19.65	92.26	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	20.95	-1.8	19.15	82.22	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	21.28	-1.8	19.48	88.72	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_16QAM	19.84	-1.8	18.04	63.68	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	20.94	-1.8	19.14	82.04	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	20.3	-1.8	18.5	70.79	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	20.66	-1.8	18.86	76.91	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	19.31	-1.8	17.51	56.36	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	19.4	-1.8	17.6	57.54	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	19.42	-1.8	17.62	57.81	1000	PASS

n77(3700-3980)	30	70	649000	1@187	CP_64QAM	19.43	-1.8	17.63	57.94	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	16.51	-1.8	14.71	29.58	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	16.54	-1.8	14.74	29.79	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	16.39	-1.8	14.59	28.77	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	16.7	-1.8	14.9	30.9	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	22.2	-1.8	20.4	109.65	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	22.02	-1.8	20.22	105.2	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	22.52	-1.8	20.72	118.03	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	22.52	-1.8	20.72	118.03	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	20.7	-1.8	18.9	77.62	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	20.92	-1.8	19.12	81.66	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	21.37	-1.8	19.57	90.57	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	20.14	-1.8	18.34	68.23	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	19.43	-1.8	17.63	57.94	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	19.93	-1.8	18.13	65.01	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	18.32	-1.8	16.52	44.87	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	18.41	-1.8	16.61	45.81	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	17.98	-1.8	16.18	41.5	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	18.51	-1.8	16.71	46.88	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	19.67	-1.8	17.87	61.24	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	21.29	-1.8	19.49	88.92	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	20.69	-1.8	18.89	77.45	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	21.16	-1.8	19.36	86.3	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	19.69	-1.8	17.89	61.52	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	20.77	-1.8	18.97	78.89	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	19.88	-1.8	18.08	64.27	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_16QAM	20.35	-1.8	18.55	71.61	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	19.14	-1.8	17.34	54.2	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	19.26	-1.8	17.46	55.72	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	18.66	-1.8	16.86	48.53	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	19.15	-1.8	17.35	54.33	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	16.34	-1.8	14.54	28.44	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	16.42	-1.8	14.62	28.97	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	15.97	-1.8	14.17	26.12	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	16.48	-1.8	14.68	29.38	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	22.06	-1.8	20.26	106.17	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	22.66	-1.8	20.86	121.9	1000	PASS

n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	22.14	-1.8	20.34	108.14	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	21.55	-1.8	19.75	94.41	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	22.66	-1.8	20.86	121.9	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	22.16	-1.8	20.36	108.64	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	20.57	-1.8	18.77	75.34	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	21.61	-1.8	19.81	95.72	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	21.05	-1.8	19.25	84.14	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	21.06	-1.8	19.26	84.33	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	20.03	-1.8	18.23	66.53	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	20.11	-1.8	18.31	67.76	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	19.53	-1.8	17.73	59.29	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	18.02	-1.8	16.22	41.88	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	18.1	-1.8	16.3	42.66	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	17.81	-1.8	16.01	39.9	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	17.78	-1.8	15.98	39.63	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.49	-1.8	17.69	58.75	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	21.1	-1.8	19.3	85.11	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	20.76	-1.8	18.96	78.7	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	20.76	-1.8	18.96	78.7	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_16QAM	19.53	-1.8	17.73	59.29	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	20.6	-1.8	18.8	75.86	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	19.99	-1.8	18.19	65.92	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	19.94	-1.8	18.14	65.16	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	18.98	-1.8	17.18	52.24	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	19.11	-1.8	17.31	53.83	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	18.75	-1.8	16.95	49.55	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	18.76	-1.8	16.96	49.66	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	16.18	-1.8	14.38	27.42	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	16.26	-1.8	14.46	27.93	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	16.11	-1.8	14.31	26.98	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	16.12	-1.8	14.32	27.04	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	22.28	-1.8	20.48	111.69	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.88	-1.8	21.08	128.23	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	22.25	-1.8	20.45	110.92	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	22.62	-1.8	20.82	120.78	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	21.79	-1.8	19.99	99.77	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.87	-1.8	21.07	127.94	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	22.24	-1.8	20.44	110.66	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	22.6	-1.8	20.8	120.23	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	20.79	-1.8	18.99	79.25	1000	PASS

n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	21.87	-1.8	20.07	101.62	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	21.15	-1.8	19.35	86.1	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	21.51	-1.8	19.71	93.54	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	20.36	-1.8	18.56	71.78	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	19.64	-1.8	17.84	60.81	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	20	-1.8	18.2	66.07	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	18.45	-1.8	16.65	46.24	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	18.49	-1.8	16.69	46.67	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	18.22	-1.8	16.42	43.85	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	18.6	-1.8	16.8	47.86	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	19.73	-1.8	17.93	62.09	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	21.35	-1.8	19.55	90.16	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	20.87	-1.8	19.07	80.72	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	21.2	-1.8	19.4	87.1	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	19.75	-1.8	17.95	62.37	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	20.83	-1.8	19.03	79.98	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	20.04	-1.8	18.24	66.68	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	20.46	-1.8	18.66	73.45	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	19.21	-1.8	17.41	55.08	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	19.31	-1.8	17.51	56.36	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_64QAM	19.13	-1.8	17.33	54.08	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	19.18	-1.8	17.38	54.7	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	16.42	-1.8	14.62	28.97	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	16.51	-1.8	14.71	29.58	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	16.2	-1.8	14.4	27.54	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	16.6	-1.8	14.8	30.2	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	22.14	-1.8	20.34	108.14	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.77	-1.8	20.97	125.03	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	21.86	-1.8	20.06	101.39	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.48	-1.8	20.68	116.95	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.78	-1.8	20.98	125.31	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	21.83	-1.8	20.03	100.69	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.45	-1.8	20.65	116.14	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	20.64	-1.8	18.84	76.56	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	21.76	-1.8	19.96	99.08	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	20.76	-1.8	18.96	78.7	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	21.4	-1.8	19.6	91.2	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	20.11	-1.8	18.31	67.76	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	19.89	-1.8	18.09	64.42	1000	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	18.28	-1.8	16.48	44.46	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	18.38	-1.8	16.58	45.5	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	17.82	-1.8	16.02	39.99	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	18.15	-1.8	16.35	43.15	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	19.57	-1.8	17.77	59.84	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	21.24	-1.8	19.44	87.9	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	20.47	-1.8	18.67	73.62	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	21.13	-1.8	19.33	85.7	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	19.62	-1.8	17.82	60.53	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	20.74	-1.8	18.94	78.34	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	19.69	-1.8	17.89	61.52	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	20.31	-1.8	18.51	70.96	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	18.46	-1.8	16.66	46.34	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	19.15	-1.8	17.35	54.33	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	16.26	-1.8	14.46	27.93	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	16.45	-1.8	14.65	29.17	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	15.54	-1.8	13.74	23.66	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	16.18	-1.8	14.38	27.42	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	21.98	-1.8	20.18	104.23	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.62	-1.8	20.82	120.78	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	21.89	-1.8	20.09	102.09	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	21.47	-1.8	19.67	92.68	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.63	-1.8	20.83	121.06	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	21.85	-1.8	20.05	101.16	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	21.92	-1.8	20.12	102.8	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	20.44	-1.8	18.64	73.11	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	21.6	-1.8	19.8	95.5	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	20.7	-1.8	18.9	77.62	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	19.95	-1.8	18.15	65.31	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	20.11	-1.8	18.31	67.76	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	19.46	-1.8	17.66	58.34	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	19.54	-1.8	17.74	59.43	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	17.94	-1.8	16.14	41.11	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	18.06	-1.8	16.26	42.27	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	17.55	-1.8	15.75	37.58	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	17.67	-1.8	15.87	38.64	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	19.4	-1.8	17.6	57.54	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	21.09	-1.8	19.29	84.92	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.55	-1.8	18.75	74.99	1000	PASS

n77(3700-3980)	30	80	662666	1@215	CP_QPSK	20.63	-1.8	18.83	76.38	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	19.45	-1.8	17.65	58.21	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	20.58	-1.8	18.78	75.51	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	19.78	-1.8	17.98	62.81	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	19.86	-1.8	18.06	63.97	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	18.91	-1.8	17.11	51.4	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	18.52	-1.8	16.72	46.99	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	18.63	-1.8	16.83	48.19	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	16.13	-1.8	14.33	27.1	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_256QAM	16.29	-1.8	14.49	28.12	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	15.93	-1.8	14.13	25.88	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	16.02	-1.8	14.22	26.42	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	22.33	-1.8	20.53	112.98	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.98	-1.8	21.18	131.22	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	22.49	-1.8	20.69	117.22	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.96	-1.8	21.16	130.62	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	22.04	-1.8	20.24	105.68	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	22.46	-1.8	20.66	116.41	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	20.83	-1.8	19.03	79.98	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	21.04	-1.8	19.24	83.95	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	21.47	-1.8	19.67	92.68	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	20.29	-1.8	18.49	70.63	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	20.42	-1.8	18.62	72.78	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	19.91	-1.8	18.11	64.71	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	18.5	-1.8	16.7	46.77	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	18.57	-1.8	16.77	47.53	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	18.08	-1.8	16.28	42.46	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	18.49	-1.8	16.69	46.67	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	19.78	-1.8	17.98	62.81	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	21.4	-1.8	19.6	91.2	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	20.6	-1.8	18.8	75.86	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	21.02	-1.8	19.22	83.56	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_16QAM	19.77	-1.8	17.97	62.66	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	20.91	-1.8	19.11	81.47	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	19.84	-1.8	18.04	63.68	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	19.24	-1.8	17.44	55.46	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	19.38	-1.8	17.58	57.28	1000	PASS

n77(3700-3980)	30	90	649668	1@1	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	16.46	-1.8	14.66	29.24	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	16.54	-1.8	14.74	29.79	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	16.06	-1.8	14.26	26.67	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	16.48	-1.8	14.68	29.38	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	21.65	-1.8	19.85	96.61	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.33	-1.8	20.53	112.98	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	21.61	-1.8	19.81	95.72	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.73	-1.8	20.93	123.88	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.29	-1.8	20.49	111.94	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	20.63	-1.8	18.83	76.38	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	21.29	-1.8	19.49	88.92	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	20.08	-1.8	18.28	67.3	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	20.21	-1.8	18.41	69.34	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	19.11	-1.8	17.31	53.83	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	19.8	-1.8	18	63.1	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	18.28	-1.8	16.48	44.46	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	18.34	-1.8	16.54	45.08	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	17.64	-1.8	15.84	38.37	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	18	-1.8	16.2	41.69	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.54	-1.8	17.74	59.43	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	21.23	-1.8	19.43	87.7	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.18	-1.8	18.38	68.87	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	19.55	-1.8	17.75	59.57	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	20.71	-1.8	18.91	77.8	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	19.44	-1.8	17.64	58.08	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	20.1	-1.8	18.3	67.61	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	19.22	-1.8	17.42	55.21	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	18.28	-1.8	16.48	44.46	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	18.97	-1.8	17.17	52.12	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	16.34	-1.8	14.54	28.44	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	15.67	-1.8	13.87	24.38	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	16.35	-1.8	14.55	28.51	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	22.08	-1.8	20.28	106.66	1000	PASS

n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	21.86	-1.8	20.06	101.39	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	21.97	-1.8	20.17	103.99	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	21.56	-1.8	19.76	94.62	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.74	-1.8	20.94	124.17	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	21.95	-1.8	20.15	103.51	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	20.58	-1.8	18.78	75.51	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	20.81	-1.8	19.01	79.62	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	20.91	-1.8	19.11	81.47	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	20.05	-1.8	18.25	66.83	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	19.31	-1.8	17.51	56.36	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	19.42	-1.8	17.62	57.81	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	18.07	-1.8	16.27	42.36	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	18.19	-1.8	16.39	43.55	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	17.52	-1.8	15.72	37.33	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	17.65	-1.8	15.85	38.46	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	21.21	-1.8	19.41	87.3	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	20.34	-1.8	18.54	71.45	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	20.57	-1.8	18.77	75.34	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_16QAM	19.52	-1.8	17.72	59.16	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	20.72	-1.8	18.92	77.98	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	19.66	-1.8	17.86	61.09	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	19.86	-1.8	18.06	63.97	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	19.24	-1.8	17.44	55.46	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	18.47	-1.8	16.67	46.45	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	18.69	-1.8	16.89	48.87	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	16.41	-1.8	14.61	28.91	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	15.84	-1.8	14.04	25.35	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	16.02	-1.8	14.22	26.42	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	23.06	-1.8	21.26	133.66	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	22.05	-1.8	20.25	105.93	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	21.91	-1.8	20.11	102.57	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	23.06	-1.8	21.26	133.66	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	22.37	-1.8	20.57	114.02	1000	PASS

n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	20.89	-1.8	19.09	81.1	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	22.05	-1.8	20.25	105.93	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	21.01	-1.8	19.21	83.37	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	21.38	-1.8	19.58	90.78	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	20.4	-1.8	18.6	72.44	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	20.54	-1.8	18.74	74.82	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	19.48	-1.8	17.68	58.61	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	19.85	-1.8	18.05	63.83	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	18.6	-1.8	16.8	47.86	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	18.69	-1.8	16.89	48.87	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	17.78	-1.8	15.98	39.63	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	18.12	-1.8	16.32	42.85	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	19.83	-1.8	18.03	63.53	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	21.51	-1.8	19.71	93.54	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	20.46	-1.8	18.66	73.45	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	19.87	-1.8	18.07	64.12	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	21	-1.8	19.2	83.18	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	20.03	-1.8	18.23	66.53	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	20.4	-1.8	18.6	72.44	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	19.34	-1.8	17.54	56.75	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	19.52	-1.8	17.72	59.16	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	19.15	-1.8	17.35	54.33	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	16.54	-1.8	14.74	29.79	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	16.65	-1.8	14.85	30.55	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	15.8	-1.8	14	25.12	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	16.45	-1.8	14.65	29.17	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	22.09	-1.8	20.29	106.91	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.73	-1.8	20.93	123.88	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	21.5	-1.8	19.7	93.33	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	22.18	-1.8	20.38	109.14	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	21.55	-1.8	19.75	94.41	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.73	-1.8	20.93	123.88	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	21.47	-1.8	19.67	92.68	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	22.14	-1.8	20.34	108.14	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	20.55	-1.8	18.75	74.99	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	20.45	-1.8	18.65	73.28	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	21.08	-1.8	19.28	84.72	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	20.05	-1.8	18.25	66.83	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	18.87	-1.8	17.07	50.93	1000	PASS

n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	18.24	-1.8	16.44	44.06	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	18.36	-1.8	16.56	45.29	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	17.57	-1.8	15.77	37.76	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	17.83	-1.8	16.03	40.09	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.48	-1.8	17.68	58.61	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	21.2	-1.8	19.4	87.1	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	20.05	-1.8	18.25	66.83	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	20.7	-1.8	18.9	77.62	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	20.66	-1.8	18.86	76.91	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	19.29	-1.8	17.49	56.1	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	19.96	-1.8	18.16	65.46	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	18.98	-1.8	17.18	52.24	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	19.2	-1.8	17.4	54.95	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	18.21	-1.8	16.41	43.75	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	18.91	-1.8	17.11	51.4	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	16.15	-1.8	14.35	27.23	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	16.32	-1.8	14.52	28.31	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	15.54	-1.8	13.74	23.66	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	16.25	-1.8	14.45	27.86	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.82	-1.8	21.02	126.47	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	21.63	-1.8	19.83	96.16	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.81	-1.8	21.01	126.18	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	21.91	-1.8	20.11	102.57	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	20.64	-1.8	18.84	76.56	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	21.81	-1.8	20.01	100.23	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	20.64	-1.8	18.84	76.56	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	20.84	-1.8	19.04	80.17	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	20.12	-1.8	18.32	67.92	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	20.33	-1.8	18.53	71.29	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	19.2	-1.8	17.4	54.95	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	18.07	-1.8	16.27	42.36	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	18.27	-1.8	16.47	44.36	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	17.37	-1.8	15.57	36.06	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	17.56	-1.8	15.76	37.67	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	19.57	-1.8	17.77	59.84	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	21.26	-1.8	19.46	88.31	1000	PASS

n77(3700-3980)	30	100	662000	1@1	CP_QPSK	20.22	-1.8	18.42	69.5	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	20.44	-1.8	18.64	73.11	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	19.58	-1.8	17.78	59.98	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	20.73	-1.8	18.93	78.16	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	19.53	-1.8	17.73	59.29	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	19.75	-1.8	17.95	62.37	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	19.27	-1.8	17.47	55.85	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	18.36	-1.8	16.56	45.29	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	18.57	-1.8	16.77	47.53	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	16.26	-1.8	14.46	27.93	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	16.38	-1.8	14.58	28.71	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	15.74	-1.8	13.94	24.77	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	15.97	-1.8	14.17	26.12	1000	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	22.32	-1.9	20.42	110.15	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	22.81	-1.9	20.91	123.31	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	22.75	-1.9	20.85	121.62	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	22.71	-1.9	20.81	120.5	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	21.79	-1.9	19.89	97.5	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	22.82	-1.9	20.92	123.59	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	22.74	-1.9	20.84	121.34	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	22.68	-1.9	20.78	119.67	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	20.8	-1.9	18.9	77.62	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	21.85	-1.9	19.95	98.86	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	21.63	-1.9	19.73	93.97	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	21.65	-1.9	19.75	94.41	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	20.32	-1.9	18.42	69.5	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	20.28	-1.9	18.38	68.87	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	20.24	-1.9	18.34	68.23	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	20.22	-1.9	18.32	67.92	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	18.5	-1.9	16.6	45.71	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	18.5	-1.9	16.6	45.71	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	18.57	-1.9	16.67	46.45	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	18.54	-1.9	16.64	46.13	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	19.8	-1.9	17.9	61.66	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	21.3	-1.9	19.4	87.1	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	21.23	-1.9	19.33	85.7	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	21.21	-1.9	19.31	85.31	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_16QAM	19.8	-1.9	17.9	61.66	1000	PASS

n78(3700-3800)	30	10	647000	12@6	CP_16QAM	20.85	-1.9	18.95	78.52	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_16QAM	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_16QAM	20.49	-1.9	18.59	72.28	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_64QAM	19.46	-1.9	17.56	57.02	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_64QAM	19.42	-1.9	17.52	56.49	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_64QAM	19.48	-1.9	17.58	57.28	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_64QAM	19.45	-1.9	17.55	56.89	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_256QAM	16.49	-1.9	14.59	28.77	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_256QAM	16.46	-1.9	14.56	28.58	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_256QAM	16.51	-1.9	14.61	28.91	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_256QAM	16.51	-1.9	14.61	28.91	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	22.64	-1.9	20.74	118.58	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	23.05	-1.9	21.15	130.32	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	23.08	-1.9	21.18	131.22	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	22.12	-1.9	20.22	105.2	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	23	-1.9	21.1	128.82	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	23.04	-1.9	21.14	130.02	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	21.12	-1.9	19.22	83.56	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	22.15	-1.9	20.25	105.93	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	21.96	-1.9	20.06	101.39	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	21.99	-1.9	20.09	102.09	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	20.58	-1.9	18.68	73.79	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	20.56	-1.9	18.66	73.45	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	20.55	-1.9	18.65	73.28	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	20.57	-1.9	18.67	73.62	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	18.8	-1.9	16.9	48.98	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	18.78	-1.9	16.88	48.75	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	18.85	-1.9	16.95	49.55	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	18.86	-1.9	16.96	49.66	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	20.11	-1.9	18.21	66.22	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	21.58	-1.9	19.68	92.9	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	21.54	-1.9	19.64	92.04	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	21.55	-1.9	19.65	92.26	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_16QAM	20.11	-1.9	18.21	66.22	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_16QAM	21.15	-1.9	19.25	84.14	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_16QAM	20.89	-1.9	18.99	79.25	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_16QAM	20.83	-1.9	18.93	78.16	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_64QAM	19.62	-1.9	17.72	59.16	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_64QAM	19.53	-1.9	17.63	57.94	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_64QAM	19.67	-1.9	17.77	59.84	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_64QAM	19.67	-1.9	17.77	59.84	1000	PASS

n78(3700-3800)	30	10	650000	24@0	CP_256QAM	16.77	-1.9	14.87	30.69	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_256QAM	16.75	-1.9	14.85	30.55	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_256QAM	16.82	-1.9	14.92	31.05	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_256QAM	16.81	-1.9	14.91	30.97	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	22.41	-1.9	20.51	112.46	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	22.94	-1.9	21.04	127.06	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	22.86	-1.9	20.96	124.74	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	22.82	-1.9	20.92	123.59	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	21.92	-1.9	20.02	100.46	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	22.9	-1.9	21	125.89	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	22.81	-1.9	20.91	123.31	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	22.8	-1.9	20.9	123.03	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	20.92	-1.9	19.02	79.8	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	21.93	-1.9	20.03	100.69	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	21.73	-1.9	19.83	96.16	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	21.72	-1.9	19.82	95.94	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	20.42	-1.9	18.52	71.12	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	20.38	-1.9	18.48	70.47	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	20.35	-1.9	18.45	69.98	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	20.35	-1.9	18.45	69.98	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	18.55	-1.9	16.65	46.24	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	18.5	-1.9	16.6	45.71	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	18.32	-1.9	16.42	43.85	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	18.35	-1.9	16.45	44.16	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	19.91	-1.9	18.01	63.24	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	21.42	-1.9	19.52	89.54	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	21.23	-1.9	19.33	85.7	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	21.21	-1.9	19.31	85.31	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_16QAM	19.87	-1.9	17.97	62.66	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_16QAM	20.9	-1.9	19	79.43	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_16QAM	20.84	-1.9	18.94	78.34	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_16QAM	20.8	-1.9	18.9	77.62	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_64QAM	19.37	-1.9	17.47	55.85	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_64QAM	19.38	-1.9	17.48	55.98	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_64QAM	19.5	-1.9	17.6	57.54	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_64QAM	19.49	-1.9	17.59	57.41	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_256QAM	16.53	-1.9	14.63	29.04	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_256QAM	16.48	-1.9	14.58	28.71	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_256QAM	16.33	-1.9	14.43	27.73	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_256QAM	16.34	-1.9	14.44	27.8	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	22.45	-1.9	20.55	113.5	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	22.98	-1.9	21.08	128.23	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	22.86	-1.9	20.96	124.74	1000	PASS

n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	22.8	-1.9	20.9	123.03	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	21.92	-1.9	20.02	100.46	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	22.98	-1.9	21.08	128.23	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	22.8	-1.9	20.9	123.03	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	22.74	-1.9	20.84	121.34	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	20.89	-1.9	18.99	79.25	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	21.96	-1.9	20.06	101.39	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	21.8	-1.9	19.9	97.72	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	21.72	-1.9	19.82	95.94	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	20.4	-1.9	18.5	70.79	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	20.46	-1.9	18.56	71.78	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	20.32	-1.9	18.42	69.5	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	20.26	-1.9	18.36	68.55	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	18.51	-1.9	16.61	45.81	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	18.58	-1.9	16.68	46.56	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	18.63	-1.9	16.73	47.1	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	18.58	-1.9	16.68	46.56	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	19.9	-1.9	18	63.1	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	21.41	-1.9	19.51	89.33	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	21.34	-1.9	19.44	87.9	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	21.31	-1.9	19.41	87.3	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_16QAM	19.89	-1.9	17.99	62.95	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_16QAM	20.96	-1.9	19.06	80.54	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_16QAM	20.63	-1.9	18.73	74.64	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_16QAM	20.56	-1.9	18.66	73.45	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_64QAM	19.56	-1.9	17.66	58.34	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_64QAM	19.57	-1.9	17.67	58.48	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_64QAM	19.57	-1.9	17.67	58.48	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_64QAM	19.56	-1.9	17.66	58.34	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_256QAM	16.49	-1.9	14.59	28.77	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_256QAM	16.55	-1.9	14.65	29.17	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_256QAM	16.6	-1.9	14.7	29.51	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_256QAM	16.55	-1.9	14.65	29.17	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	22.66	-1.9	20.76	119.12	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	23.17	-1.9	21.27	133.97	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	23.02	-1.9	21.12	129.42	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	23.08	-1.9	21.18	131.22	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	22.12	-1.9	20.22	105.2	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	23.18	-1.9	21.28	134.28	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	22.98	-1.9	21.08	128.23	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	23.04	-1.9	21.14	130.02	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	21.13	-1.9	19.23	83.75	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	22.19	-1.9	20.29	106.91	1000	PASS

n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	21.98	-1.9	20.08	101.86	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	22.04	-1.9	20.14	103.28	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	20.63	-1.9	18.73	74.64	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	20.64	-1.9	18.74	74.82	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	20.54	-1.9	18.64	73.11	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	18.75	-1.9	16.85	48.42	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	18.78	-1.9	16.88	48.75	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	18.8	-1.9	16.9	48.98	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	18.86	-1.9	16.96	49.66	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	20.11	-1.9	18.21	66.22	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	21.62	-1.9	19.72	93.76	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	21.53	-1.9	19.63	91.83	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	21.61	-1.9	19.71	93.54	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_16QAM	20.14	-1.9	18.24	66.68	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_16QAM	21.18	-1.9	19.28	84.72	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_16QAM	20.79	-1.9	18.89	77.45	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_16QAM	20.88	-1.9	18.98	79.07	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_64QAM	19.6	-1.9	17.7	58.88	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_64QAM	19.61	-1.9	17.71	59.02	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_64QAM	19.63	-1.9	17.73	59.29	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_64QAM	19.65	-1.9	17.75	59.57	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_256QAM	16.7	-1.9	14.8	30.2	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_256QAM	16.74	-1.9	14.84	30.48	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_256QAM	16.8	-1.9	14.9	30.9	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_256QAM	16.84	-1.9	14.94	31.19	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	22.47	-1.9	20.57	114.02	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	23.01	-1.9	21.11	129.12	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	22.88	-1.9	20.98	125.31	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	22.84	-1.9	20.94	124.17	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	21.94	-1.9	20.04	100.93	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	22.97	-1.9	21.07	127.94	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	22.85	-1.9	20.95	124.45	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	22.79	-1.9	20.89	122.74	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	20.95	-1.9	19.05	80.35	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	21.98	-1.9	20.08	101.86	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	21.86	-1.9	19.96	99.08	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	21.81	-1.9	19.91	97.95	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	20.41	-1.9	18.51	70.96	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	20.44	-1.9	18.54	71.45	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	20.35	-1.9	18.45	69.98	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	20.31	-1.9	18.41	69.34	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	18.53	-1.9	16.63	46.03	1000	PASS

n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	18.55	-1.9	16.65	46.24	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	18.61	-1.9	16.71	46.88	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	18.66	-1.9	16.76	47.42	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	19.92	-1.9	18.02	63.39	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	21.4	-1.9	19.5	89.13	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	21.35	-1.9	19.45	88.1	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	21.36	-1.9	19.46	88.31	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_16QAM	19.93	-1.9	18.03	63.53	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_16QAM	20.96	-1.9	19.06	80.54	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_16QAM	20.61	-1.9	18.71	74.3	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_16QAM	20.58	-1.9	18.68	73.79	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_64QAM	19.41	-1.9	17.51	56.36	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_64QAM	19.43	-1.9	17.53	56.62	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_64QAM	19.44	-1.9	17.54	56.75	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_64QAM	19.45	-1.9	17.55	56.89	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_256QAM	16.51	-1.9	14.61	28.91	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_256QAM	16.58	-1.9	14.68	29.38	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_256QAM	16.65	-1.9	14.75	29.85	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_256QAM	16.63	-1.9	14.73	29.72	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	22.39	-1.9	20.49	111.94	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	22.93	-1.9	21.03	126.77	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	22.79	-1.9	20.89	122.74	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	22.74	-1.9	20.84	121.34	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	21.91	-1.9	20.01	100.23	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	22.9	-1.9	21	125.89	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	22.79	-1.9	20.89	122.74	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	22.71	-1.9	20.81	120.5	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	20.87	-1.9	18.97	78.89	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	21.88	-1.9	19.98	99.54	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	21.73	-1.9	19.83	96.16	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	21.66	-1.9	19.76	94.62	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	20.35	-1.9	18.45	69.98	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	20.34	-1.9	18.44	69.82	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	20.19	-1.9	18.29	67.45	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	20.11	-1.9	18.21	66.22	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	18.48	-1.9	16.58	45.5	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	18.23	-1.9	16.33	42.95	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	18.59	-1.9	16.69	46.67	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	18.44	-1.9	16.54	45.08	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	19.81	-1.9	17.91	61.8	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	21.38	-1.9	19.48	88.72	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	21.3	-1.9	19.4	87.1	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	21.22	-1.9	19.32	85.51	1000	PASS

n78(3700-3800)	30	20	647334	51@0	CP_16QAM	19.81	-1.9	17.91	61.8	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_16QAM	20.89	-1.9	18.99	79.25	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_16QAM	20.65	-1.9	18.75	74.99	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_16QAM	20.6	-1.9	18.7	74.13	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_64QAM	19.5	-1.9	17.6	57.54	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_64QAM	19.53	-1.9	17.63	57.94	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_64QAM	19.53	-1.9	17.63	57.94	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_64QAM	19.31	-1.9	17.41	55.08	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_256QAM	16.46	-1.9	14.56	28.58	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_256QAM	16.16	-1.9	14.26	26.67	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_256QAM	16.54	-1.9	14.64	29.11	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_256QAM	16.47	-1.9	14.57	28.64	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	22.66	-1.9	20.76	119.12	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	23.16	-1.9	21.26	133.66	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	22.97	-1.9	21.07	127.94	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	23.02	-1.9	21.12	129.42	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	22.13	-1.9	20.23	105.44	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	23.14	-1.9	21.24	133.05	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	22.95	-1.9	21.05	127.35	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	23.02	-1.9	21.12	129.42	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	21.13	-1.9	19.23	83.75	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	22.11	-1.9	20.21	104.95	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	21.89	-1.9	19.99	99.77	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	21.97	-1.9	20.07	101.62	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	20.64	-1.9	18.74	74.82	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	20.61	-1.9	18.71	74.3	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	20.37	-1.9	18.47	70.31	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	20.42	-1.9	18.52	71.12	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	18.75	-1.9	16.85	48.42	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	18.74	-1.9	16.84	48.31	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	18.4	-1.9	16.5	44.67	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	20.09	-1.9	18.19	65.92	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	21.62	-1.9	19.72	93.76	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	21.47	-1.9	19.57	90.57	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	21.56	-1.9	19.66	92.47	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_16QAM	20.1	-1.9	18.2	66.07	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_16QAM	21.17	-1.9	19.27	84.53	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_16QAM	20.86	-1.9	18.96	78.7	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_16QAM	20.87	-1.9	18.97	78.89	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_64QAM	19.59	-1.9	17.69	58.75	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_64QAM	19.63	-1.9	17.73	59.29	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_64QAM	19.61	-1.9	17.71	59.02	1000	PASS

n78(3700-3800)	30	20	650000	1@49	CP_64QAM	19.64	-1.9	17.74	59.43	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_256QAM	16.75	-1.9	14.85	30.55	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_256QAM	16.52	-1.9	14.62	28.97	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_256QAM	16.55	-1.9	14.65	29.17	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	22.49	-1.9	20.59	114.55	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	23.01	-1.9	21.11	129.12	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	22.83	-1.9	20.93	123.88	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	22.79	-1.9	20.89	122.74	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	21.97	-1.9	20.07	101.62	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	22.98	-1.9	21.08	128.23	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	22.8	-1.9	20.9	123.03	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	22.79	-1.9	20.89	122.74	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	20.97	-1.9	19.07	80.72	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	21.94	-1.9	20.04	100.93	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	21.76	-1.9	19.86	96.83	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	21.78	-1.9	19.88	97.27	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	20.43	-1.9	18.53	71.29	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	20.45	-1.9	18.55	71.61	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	20.34	-1.9	18.44	69.82	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	20.32	-1.9	18.42	69.5	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	18.22	-1.9	16.32	42.85	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	18.59	-1.9	16.69	46.67	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	18.31	-1.9	16.41	43.75	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	18.53	-1.9	16.63	46.03	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	19.91	-1.9	18.01	63.24	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	21.45	-1.9	19.55	90.16	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	21.34	-1.9	19.44	87.9	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	21.31	-1.9	19.41	87.3	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_16QAM	19.91	-1.9	18.01	63.24	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_16QAM	21	-1.9	19.1	81.28	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_16QAM	20.67	-1.9	18.77	75.34	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_16QAM	20.66	-1.9	18.76	75.16	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_64QAM	19.43	-1.9	17.53	56.62	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_64QAM	19.47	-1.9	17.57	57.15	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_64QAM	19.44	-1.9	17.54	56.75	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_64QAM	19.42	-1.9	17.52	56.49	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_256QAM	16.55	-1.9	14.65	29.17	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_256QAM	16.32	-1.9	14.42	27.67	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_256QAM	16.56	-1.9	14.66	29.24	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_256QAM	16.16	-1.9	14.26	26.67	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	22.19	-1.9	20.29	106.91	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	22.79	-1.9	20.89	122.74	1000	PASS

n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	22.37	-1.9	20.47	111.43	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	22.37	-1.9	20.47	111.43	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	21.66	-1.9	19.76	94.62	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	22.78	-1.9	20.88	122.46	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	22.39	-1.9	20.49	111.94	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	22.37	-1.9	20.47	111.43	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	20.65	-1.9	18.75	74.99	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	21.77	-1.9	19.87	97.05	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	21.36	-1.9	19.46	88.31	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	21.36	-1.9	19.46	88.31	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	20.14	-1.9	18.24	66.68	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	20.3	-1.9	18.4	69.18	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	19.79	-1.9	17.89	61.52	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	19.77	-1.9	17.87	61.24	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	18.68	-1.9	16.78	47.64	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	18.36	-1.9	16.46	44.26	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	18.19	-1.9	16.29	42.56	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	18.23	-1.9	16.33	42.95	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	19.61	-1.9	17.71	59.02	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	21.21	-1.9	19.31	85.31	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	20.9	-1.9	19	79.43	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	20.89	-1.9	18.99	79.25	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_16QAM	19.65	-1.9	17.75	59.57	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_16QAM	20.77	-1.9	18.87	77.09	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_16QAM	20.24	-1.9	18.34	68.23	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_16QAM	20.23	-1.9	18.33	68.08	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_64QAM	19.26	-1.9	17.36	54.45	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_64QAM	19.35	-1.9	17.45	55.59	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_64QAM	19.16	-1.9	17.26	53.21	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_64QAM	19.12	-1.9	17.22	52.72	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_256QAM	16.35	-1.9	14.45	27.86	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_256QAM	16.33	-1.9	14.43	27.73	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_256QAM	16.29	-1.9	14.39	27.48	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_256QAM	16.18	-1.9	14.28	26.79	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	22.51	-1.9	20.61	115.08	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	22.48	-1.9	20.58	114.29	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	22.75	-1.9	20.85	121.62	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	21.96	-1.9	20.06	101.39	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	23.1	-1.9	21.2	131.83	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	22.49	-1.9	20.59	114.55	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	22.75	-1.9	20.85	121.62	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	20.96	-1.9	19.06	80.54	1000	PASS

n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	22.09	-1.9	20.19	104.47	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	21.45	-1.9	19.55	90.16	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	21.7	-1.9	19.8	95.5	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	20.49	-1.9	18.59	72.28	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	20.62	-1.9	18.72	74.47	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	19.88	-1.9	17.98	62.81	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	20.12	-1.9	18.22	66.37	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	18.88	-1.9	16.98	49.89	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	18.7	-1.9	16.8	47.86	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	18.31	-1.9	16.41	43.75	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	19.95	-1.9	18.05	63.83	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	21.55	-1.9	19.65	92.26	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	21.03	-1.9	19.13	81.85	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	21.25	-1.9	19.35	86.1	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_16QAM	19.98	-1.9	18.08	64.27	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_16QAM	21.08	-1.9	19.18	82.79	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_16QAM	20.35	-1.9	18.45	69.98	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_16QAM	20.61	-1.9	18.71	74.3	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_64QAM	19.57	-1.9	17.67	58.48	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_64QAM	19.69	-1.9	17.79	60.12	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_64QAM	19.3	-1.9	17.4	54.95	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_64QAM	19.37	-1.9	17.47	55.85	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_256QAM	16.38	-1.9	14.48	28.05	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_256QAM	16.64	-1.9	14.74	29.79	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_256QAM	16.79	-1.9	14.89	30.83	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_256QAM	16.56	-1.9	14.66	29.24	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	22.36	-1.9	20.46	111.17	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	23	-1.9	21.1	128.82	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	22.32	-1.9	20.42	110.15	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	22.54	-1.9	20.64	115.88	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	21.85	-1.9	19.95	98.86	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	22.97	-1.9	21.07	127.94	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	22.34	-1.9	20.44	110.66	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	22.51	-1.9	20.61	115.08	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	20.83	-1.9	18.93	78.16	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	21.98	-1.9	20.08	101.86	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	21.3	-1.9	19.4	87.1	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	21.5	-1.9	19.6	91.2	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	20.32	-1.9	18.42	69.5	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	20.5	-1.9	18.6	72.44	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	19.74	-1.9	17.84	60.81	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	19.91	-1.9	18.01	63.24	1000	PASS

n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	18.47	-1.9	16.57	45.39	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	18.15	-1.9	16.25	42.17	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	18.12	-1.9	16.22	41.88	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	19.81	-1.9	17.91	61.8	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	21.42	-1.9	19.52	89.54	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	20.84	-1.9	18.94	78.34	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	21.03	-1.9	19.13	81.85	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_16QAM	19.84	-1.9	17.94	62.23	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_16QAM	20.94	-1.9	19.04	80.17	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_16QAM	20.19	-1.9	18.29	67.45	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_16QAM	20.4	-1.9	18.5	70.79	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_64QAM	19.27	-1.9	17.37	54.58	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_64QAM	19.44	-1.9	17.54	56.75	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_64QAM	19.11	-1.9	17.21	52.6	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_64QAM	19.15	-1.9	17.25	53.09	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_256QAM	16.66	-1.9	14.76	29.92	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_256QAM	16.55	-1.9	14.65	29.17	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_256QAM	16.36	-1.9	14.46	27.93	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	22.36	-1.9	20.46	111.17	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	22.84	-1.9	20.94	124.17	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	22.69	-1.9	20.79	119.95	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	22.8	-1.9	20.9	123.03	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	21.83	-1.9	19.93	98.4	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	22.84	-1.9	20.94	124.17	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	22.67	-1.9	20.77	119.4	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	22.76	-1.9	20.86	121.9	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	20.81	-1.9	18.91	77.8	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	21.84	-1.9	19.94	98.63	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	21.67	-1.9	19.77	94.84	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	21.74	-1.9	19.84	96.38	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	20.29	-1.9	18.39	69.02	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	20.36	-1.9	18.46	70.15	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	20.03	-1.9	18.13	65.01	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	20.13	-1.9	18.23	66.53	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	18.47	-1.9	16.57	45.39	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	18.52	-1.9	16.62	45.92	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	18.53	-1.9	16.63	46.03	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	18.46	-1.9	16.56	45.29	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	19.83	-1.9	17.93	62.09	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	21.32	-1.9	19.42	87.5	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	21.11	-1.9	19.21	83.37	1000	PASS

n78(3700-3800)	30	50	648334	1@131	CP_QPSK	21.19	-1.9	19.29	84.92	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_16QAM	19.79	-1.9	17.89	61.52	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_16QAM	20.85	-1.9	18.95	78.52	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_16QAM	20.63	-1.9	18.73	74.64	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_16QAM	20.71	-1.9	18.81	76.03	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_64QAM	19.44	-1.9	17.54	56.75	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_64QAM	19.49	-1.9	17.59	57.41	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_64QAM	19.55	-1.9	17.65	58.21	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_64QAM	19.63	-1.9	17.73	59.29	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_256QAM	16.21	-1.9	14.31	26.98	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_256QAM	16.45	-1.9	14.55	28.51	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_256QAM	16.35	-1.9	14.45	27.86	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	22.58	-1.9	20.68	116.95	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	22.76	-1.9	20.86	121.9	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	22.06	-1.9	20.16	103.75	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	22.73	-1.9	20.83	121.06	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	23.07	-1.9	21.17	130.92	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	21.05	-1.9	19.15	82.22	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	22.12	-1.9	20.22	105.2	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	21.7	-1.9	19.8	95.5	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	22.05	-1.9	20.15	103.51	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	20.54	-1.9	18.64	73.11	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	20.61	-1.9	18.71	74.3	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	20.22	-1.9	18.32	67.92	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	20.53	-1.9	18.63	72.95	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	18.76	-1.9	16.86	48.53	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	18.61	-1.9	16.71	46.88	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	20.05	-1.9	18.15	65.31	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	21.6	-1.9	19.7	93.33	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	21.3	-1.9	19.4	87.1	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	21.59	-1.9	19.69	93.11	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_16QAM	20.05	-1.9	18.15	65.31	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_16QAM	21.05	-1.9	19.15	82.22	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_16QAM	20.65	-1.9	18.75	74.99	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_16QAM	20.96	-1.9	19.06	80.54	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_64QAM	19.74	-1.9	17.84	60.81	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_64QAM	19.74	-1.9	17.84	60.81	1000	PASS

n78(3700-3800)	30	50	650000	1@1	CP_64QAM	19.58	-1.9	17.68	58.61	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_64QAM	19.71	-1.9	17.81	60.39	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_256QAM	16.69	-1.9	14.79	30.13	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_256QAM	16.54	-1.9	14.64	29.11	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_256QAM	16.93	-1.9	15.03	31.84	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	22.51	-1.9	20.61	115.08	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	23.07	-1.9	21.17	130.92	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	22.72	-1.9	20.82	120.78	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	22.93	-1.9	21.03	126.77	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	21.99	-1.9	20.09	102.09	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	23.07	-1.9	21.17	130.92	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	22.69	-1.9	20.79	119.95	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	22.9	-1.9	21	125.89	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	20.96	-1.9	19.06	80.54	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	22.07	-1.9	20.17	103.99	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	21.67	-1.9	19.77	94.84	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	21.86	-1.9	19.96	99.08	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	20.47	-1.9	18.57	71.94	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	20.59	-1.9	18.69	73.96	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	20.08	-1.9	18.18	65.77	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	20.28	-1.9	18.38	68.87	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	18.65	-1.9	16.75	47.32	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	18.2	-1.9	16.3	42.66	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	18.58	-1.9	16.68	46.56	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	19.97	-1.9	18.07	64.12	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	21.55	-1.9	19.65	92.26	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	21.22	-1.9	19.32	85.51	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	21.45	-1.9	19.55	90.16	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_16QAM	19.97	-1.9	18.07	64.12	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_16QAM	21.01	-1.9	19.11	81.47	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_16QAM	20.61	-1.9	18.71	74.3	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_16QAM	20.8	-1.9	18.9	77.62	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_64QAM	19.48	-1.9	17.58	57.28	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_64QAM	19.58	-1.9	17.68	58.61	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_64QAM	19.51	-1.9	17.61	57.68	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_64QAM	19.56	-1.9	17.66	58.34	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_256QAM	16.55	-1.9	14.65	29.17	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_256QAM	16.62	-1.9	14.72	29.65	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_256QAM	16.48	-1.9	14.58	28.71	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_256QAM	16.77	-1.9	14.87	30.69	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	22.32	-1.9	20.42	110.15	1000	PASS

n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	22.87	-1.9	20.97	125.03	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	22.55	-1.9	20.65	116.14	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	22.64	-1.9	20.74	118.58	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	21.79	-1.9	19.89	97.5	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	22.84	-1.9	20.94	124.17	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	22.55	-1.9	20.65	116.14	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	22.6	-1.9	20.7	117.49	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	20.79	-1.9	18.89	77.45	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	21.84	-1.9	19.94	98.63	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	21.53	-1.9	19.63	91.83	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	21.64	-1.9	19.74	94.19	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	20.29	-1.9	18.39	69.02	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	20.3	-1.9	18.4	69.18	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	19.89	-1.9	17.99	62.95	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	19.99	-1.9	18.09	64.42	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	18.44	-1.9	16.54	45.08	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	18.15	-1.9	16.25	42.17	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	18.44	-1.9	16.54	45.08	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	18.25	-1.9	16.35	43.15	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	19.76	-1.9	17.86	61.09	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	21.34	-1.9	19.44	87.9	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	21.07	-1.9	19.17	82.6	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	21.18	-1.9	19.28	84.72	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_16QAM	19.76	-1.9	17.86	61.09	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_16QAM	20.81	-1.9	18.91	77.8	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_16QAM	20.39	-1.9	18.49	70.63	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_16QAM	20.47	-1.9	18.57	71.94	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_64QAM	19.4	-1.9	17.5	56.23	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_64QAM	19.47	-1.9	17.57	57.15	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_64QAM	19.41	-1.9	17.51	56.36	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_64QAM	19.47	-1.9	17.57	57.15	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_256QAM	16.42	-1.9	14.52	28.31	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_256QAM	16.47	-1.9	14.57	28.64	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_256QAM	16.48	-1.9	14.58	28.71	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	22.56	-1.9	20.66	116.41	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	22.59	-1.9	20.69	117.22	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	22.97	-1.9	21.07	127.94	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	22.03	-1.9	20.13	103.04	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	23.11	-1.9	21.21	132.13	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	22.61	-1.9	20.71	117.76	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	22.93	-1.9	21.03	126.77	1000	PASS

n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	21.02	-1.9	19.12	81.66	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	22.11	-1.9	20.21	104.95	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	21.61	-1.9	19.71	93.54	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	22	-1.9	20.1	102.33	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	20.53	-1.9	18.63	72.95	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	20.59	-1.9	18.69	73.96	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	19.96	-1.9	18.06	63.97	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	20.32	-1.9	18.42	69.5	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	18.66	-1.9	16.76	47.42	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	18.29	-1.9	16.39	43.55	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	18.47	-1.9	16.57	45.39	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	18.8	-1.9	16.9	48.98	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	19.99	-1.9	18.09	64.42	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	21.57	-1.9	19.67	92.68	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	21.16	-1.9	19.26	84.33	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	21.52	-1.9	19.62	91.62	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_16QAM	20	-1.9	18.1	64.57	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_16QAM	21.08	-1.9	19.18	82.79	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_16QAM	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_16QAM	20.84	-1.9	18.94	78.34	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_64QAM	19.64	-1.9	17.74	59.43	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_64QAM	19.74	-1.9	17.84	60.81	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_64QAM	19.46	-1.9	17.56	57.02	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_64QAM	19.59	-1.9	17.69	58.75	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_256QAM	16.53	-1.9	14.63	29.04	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_256QAM	16.7	-1.9	14.8	30.2	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_256QAM	16.5	-1.9	14.6	28.84	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_256QAM	16.58	-1.9	14.68	29.38	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	22.55	-1.9	20.65	116.14	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	23.1	-1.9	21.2	131.83	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	22.61	-1.9	20.71	117.76	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	22.86	-1.9	20.96	124.74	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	22.01	-1.9	20.11	102.57	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	23.1	-1.9	21.2	131.83	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	22.54	-1.9	20.64	115.88	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	22.82	-1.9	20.92	123.59	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	21	-1.9	19.1	81.28	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	22.08	-1.9	20.18	104.23	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	21.54	-1.9	19.64	92.04	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	21.88	-1.9	19.98	99.54	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	20.53	-1.9	18.63	72.95	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	20.56	-1.9	18.66	73.45	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	20.1	-1.9	18.2	66.07	1000	PASS

n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	20.34	-1.9	18.44	69.82	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	18.64	-1.9	16.74	47.21	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	18.3	-1.9	16.4	43.65	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	18.45	-1.9	16.55	45.19	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	18.41	-1.9	16.51	44.77	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	19.97	-1.9	18.07	64.12	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	21.57	-1.9	19.67	92.68	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	21.12	-1.9	19.22	83.56	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	21.38	-1.9	19.48	88.72	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_16QAM	19.98	-1.9	18.08	64.27	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_16QAM	21.05	-1.9	19.15	82.22	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_16QAM	20.46	-1.9	18.56	71.78	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_16QAM	20.74	-1.9	18.84	76.56	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_64QAM	19.47	-1.9	17.57	57.15	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_64QAM	19.57	-1.9	17.67	58.48	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_64QAM	19.45	-1.9	17.55	56.89	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_64QAM	19.46	-1.9	17.56	57.02	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_256QAM	16.44	-1.9	14.54	28.44	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_256QAM	16.68	-1.9	14.78	30.06	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_256QAM	16.43	-1.9	14.53	28.38	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_256QAM	16.45	-1.9	14.55	28.51	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	22.45	-1.9	20.55	113.5	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	23.03	-1.9	21.13	129.72	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	22.47	-1.9	20.57	114.02	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	22.7	-1.9	20.8	120.23	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	21.94	-1.9	20.04	100.93	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	23.03	-1.9	21.13	129.72	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	22.51	-1.9	20.61	115.08	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	22.73	-1.9	20.83	121.06	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	20.92	-1.9	19.02	79.8	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	21.99	-1.9	20.09	102.09	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	21.38	-1.9	19.48	88.72	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	21.61	-1.9	19.71	93.54	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	20.41	-1.9	18.51	70.96	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	20.46	-1.9	18.56	71.78	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	19.86	-1.9	17.96	62.52	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	20.04	-1.9	18.14	65.16	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	18.56	-1.9	16.66	46.34	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	18.33	-1.9	16.43	43.95	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	18.45	-1.9	16.55	45.19	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	18.4	-1.9	16.5	44.67	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	16.57	-1.9	14.67	29.31	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	21.53	-1.9	19.63	91.83	1000	PASS

n78(3700-3800)	30	70	649000	1@1	CP_QPSK	21.05	-1.9	19.15	82.22	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	21.25	-1.9	19.35	86.1	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_16QAM	19.89	-1.9	17.99	62.95	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_16QAM	21	-1.9	19.1	81.28	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_16QAM	20.31	-1.9	18.41	69.34	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_16QAM	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_64QAM	19.36	-1.9	17.46	55.72	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_64QAM	19.48	-1.9	17.58	57.28	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_64QAM	19.37	-1.9	17.47	55.85	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_64QAM	19.32	-1.9	17.42	55.21	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_256QAM	16.66	-1.9	14.76	29.92	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_256QAM	16.4	-1.9	14.5	28.18	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_256QAM	16.63	-1.9	14.73	29.72	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	22.56	-1.9	20.66	116.41	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	23.12	-1.9	21.22	132.43	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	22.52	-1.9	20.62	115.35	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	22.84	-1.9	20.94	124.17	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	22.03	-1.9	20.13	103.04	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	23.14	-1.9	21.24	133.05	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	22.55	-1.9	20.65	116.14	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	22.88	-1.9	20.98	125.31	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	21.02	-1.9	19.12	81.66	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	22.07	-1.9	20.17	103.99	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	21.43	-1.9	19.53	89.74	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	21.78	-1.9	19.88	97.27	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	20.52	-1.9	18.62	72.78	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	20.57	-1.9	18.67	73.62	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	19.9	-1.9	18	63.1	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	20.24	-1.9	18.34	68.23	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	18.66	-1.9	16.76	47.42	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	18.56	-1.9	16.66	46.34	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	18.47	-1.9	16.57	45.39	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	18.4	-1.9	16.5	44.67	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	20.02	-1.9	18.12	64.86	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	21.6	-1.9	19.7	93.33	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	21.08	-1.9	19.18	82.79	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	21.41	-1.9	19.51	89.33	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_16QAM	20.04	-1.9	18.14	65.16	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_16QAM	21.1	-1.9	19.2	83.18	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_16QAM	20.39	-1.9	18.49	70.63	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_16QAM	20.68	-1.9	18.78	75.51	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_64QAM	19.48	-1.9	17.58	57.28	1000	PASS

n78(3700-3800)	30	70	650000	95@47	CP_64QAM	19.58	-1.9	17.68	58.61	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_64QAM	19.13	-1.9	17.23	52.84	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_64QAM	19.44	-1.9	17.54	56.75	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_256QAM	16.4	-1.9	14.5	28.18	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_256QAM	16.73	-1.9	14.83	30.41	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_256QAM	16.44	-1.9	14.54	28.44	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_256QAM	16.79	-1.9	14.89	30.83	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	22.54	-1.9	20.64	115.88	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	23.14	-1.9	21.24	133.05	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	22.43	-1.9	20.53	112.98	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	22.76	-1.9	20.86	121.9	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	22.02	-1.9	20.12	102.8	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	23.14	-1.9	21.24	133.05	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	22.49	-1.9	20.59	114.55	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	22.81	-1.9	20.91	123.31	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	21.01	-1.9	19.11	81.47	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	22.09	-1.9	20.19	104.47	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	21.37	-1.9	19.47	88.51	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	21.72	-1.9	19.82	95.94	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	20.58	-1.9	18.68	73.79	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	19.83	-1.9	17.93	62.09	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	20.16	-1.9	18.26	66.99	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	18.67	-1.9	16.77	47.53	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	18.4	-1.9	16.5	44.67	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	18.38	-1.9	16.48	44.46	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	18.4	-1.9	16.5	44.67	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	20.16	-1.9	18.26	66.99	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	21.67	-1.9	19.77	94.84	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	20.99	-1.9	19.09	81.1	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	21.31	-1.9	19.41	87.3	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_16QAM	20.01	-1.9	18.11	64.71	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_16QAM	21.16	-1.9	19.26	84.33	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_16QAM	20.36	-1.9	18.46	70.15	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_16QAM	20.68	-1.9	18.78	75.51	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_64QAM	19.5	-1.9	17.6	57.54	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_64QAM	19.6	-1.9	17.7	58.88	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_64QAM	19.15	-1.9	17.25	53.09	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_64QAM	19.51	-1.9	17.61	57.68	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_256QAM	16.22	-1.9	14.32	27.04	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_256QAM	16.77	-1.9	14.87	30.69	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_256QAM	16.32	-1.9	14.42	27.67	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_256QAM	16.45	-1.9	14.55	28.51	1000	PASS

n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	22.36	-1.9	20.46	111.17	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	23	-1.9	21.1	128.82	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	22.32	-1.9	20.42	110.15	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	22.58	-1.9	20.68	116.95	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	21.84	-1.9	19.94	98.63	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	22.99	-1.9	21.09	128.53	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	22.34	-1.9	20.44	110.66	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	22.59	-1.9	20.69	117.22	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	20.85	-1.9	18.95	78.52	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	21.95	-1.9	20.05	101.16	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	21.27	-1.9	19.37	86.5	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	21.57	-1.9	19.67	92.68	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	20.31	-1.9	18.41	69.34	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	20.44	-1.9	18.54	71.45	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	19.78	-1.9	17.88	61.38	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	20.01	-1.9	18.11	64.71	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	18.1	-1.9	16.2	41.69	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	18.57	-1.9	16.67	46.45	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	18.4	-1.9	16.5	44.67	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	18.56	-1.9	16.66	46.34	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	19.79	-1.9	17.89	61.52	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	21.45	-1.9	19.55	90.16	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	20.97	-1.9	19.07	80.72	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	21.19	-1.9	19.29	84.92	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_16QAM	19.8	-1.9	17.9	61.66	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_16QAM	20.94	-1.9	19.04	80.17	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_16QAM	20.18	-1.9	18.28	67.3	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_16QAM	20.41	-1.9	18.51	70.96	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_64QAM	19.27	-1.9	17.37	54.58	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_64QAM	19.45	-1.9	17.55	56.89	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_64QAM	19.24	-1.9	17.34	54.2	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_64QAM	19.18	-1.9	17.28	53.46	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_256QAM	16.35	-1.9	14.45	27.86	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_256QAM	16.63	-1.9	14.73	29.72	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_256QAM	16.29	-1.9	14.39	27.48	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_256QAM	16.56	-1.9	14.66	29.24	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	22.49	-1.9	20.59	114.55	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	23.11	-1.9	21.21	132.13	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	22.4	-1.9	20.5	112.2	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	22.68	-1.9	20.78	119.67	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	22.01	-1.9	20.11	102.57	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	23.1	-1.9	21.2	131.83	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	22.44	-1.9	20.54	113.24	1000	PASS

n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	22.72	-1.9	20.82	120.78	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	20.96	-1.9	19.06	80.54	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	22.07	-1.9	20.17	103.99	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	21.32	-1.9	19.42	87.5	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	21.6	-1.9	19.7	93.33	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	20.44	-1.9	18.54	71.45	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	20.55	-1.9	18.65	73.28	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	19.76	-1.9	17.86	61.09	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	20.06	-1.9	18.16	65.46	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	18.67	-1.9	16.77	47.53	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	18.26	-1.9	16.36	43.25	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	18.37	-1.9	16.47	44.36	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	18.22	-1.9	16.32	42.85	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	19.92	-1.9	18.02	63.39	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	21.56	-1.9	19.66	92.47	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	20.99	-1.9	19.09	81.1	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	21.25	-1.9	19.35	86.1	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_16QAM	19.94	-1.9	18.04	63.68	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_16QAM	21.05	-1.9	19.15	82.22	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_16QAM	20.27	-1.9	18.37	68.71	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_16QAM	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_64QAM	19.41	-1.9	17.51	56.36	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_64QAM	19.52	-1.9	17.62	57.81	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_64QAM	19.02	-1.9	17.12	51.52	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_64QAM	19.29	-1.9	17.39	54.83	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_256QAM	16.26	-1.9	14.36	27.29	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_256QAM	16.76	-1.9	14.86	30.62	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_256QAM	16.45	-1.9	14.55	28.51	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_256QAM	16.68	-1.9	14.78	30.06	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	22.44	-1.9	20.54	113.24	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	23.05	-1.9	21.15	130.32	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	22.27	-1.9	20.37	108.89	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	22.61	-1.9	20.71	117.76	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	21.95	-1.9	20.05	101.16	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	23.06	-1.9	21.16	130.62	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	22.32	-1.9	20.42	110.15	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	22.65	-1.9	20.75	118.85	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	20.96	-1.9	19.06	80.54	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	22.05	-1.9	20.15	103.51	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	21.23	-1.9	19.33	85.7	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	21.58	-1.9	19.68	92.9	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	20.41	-1.9	18.51	70.96	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	20.51	-1.9	18.61	72.61	1000	PASS

n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	19.69	-1.9	17.79	60.12	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	19.99	-1.9	18.09	64.42	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	18.63	-1.9	16.73	47.1	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	18.51	-1.9	16.61	45.81	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	18.29	-1.9	16.39	43.55	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	18.64	-1.9	16.74	47.21	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	19.92	-1.9	18.02	63.39	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	21.56	-1.9	19.66	92.47	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	20.92	-1.9	19.02	79.8	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	21.32	-1.9	19.42	87.5	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_16QAM	19.92	-1.9	18.02	63.39	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_16QAM	21.02	-1.9	19.12	81.66	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_16QAM	20.13	-1.9	18.23	66.53	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_16QAM	20.47	-1.9	18.57	71.94	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_64QAM	19.39	-1.9	17.49	56.1	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_64QAM	19.53	-1.9	17.63	57.94	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_64QAM	18.93	-1.9	17.03	50.47	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_64QAM	19.28	-1.9	17.38	54.7	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_256QAM	16.57	-1.9	14.67	29.31	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_256QAM	16.7	-1.9	14.8	30.2	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_256QAM	16.27	-1.9	14.37	27.35	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_256QAM	16.65	-1.9	14.75	29.85	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	22.39	-1.9	20.49	111.94	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	22.99	-1.9	21.09	128.53	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	22.14	-1.9	20.24	105.68	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	22.46	-1.9	20.56	113.76	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	21.87	-1.9	19.97	99.31	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	22.98	-1.9	21.08	128.23	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	22.13	-1.9	20.23	105.44	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	22.45	-1.9	20.55	113.5	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	20.86	-1.9	18.96	78.7	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	21.96	-1.9	20.06	101.39	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	21.12	-1.9	19.22	83.56	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	21.42	-1.9	19.52	89.54	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	20.3	-1.9	18.4	69.18	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	20.45	-1.9	18.55	71.61	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	19.59	-1.9	17.69	58.75	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	19.87	-1.9	17.97	62.66	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	18.56	-1.9	16.66	46.34	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	18.61	-1.9	16.71	46.88	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	18.15	-1.9	16.25	42.17	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	18.46	-1.9	16.56	45.29	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	19.82	-1.9	17.92	61.94	1000	PASS

n78(3700-3800)	30	90	649668	123@61	CP_QPSK	21.44	-1.9	19.54	89.95	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	20.68	-1.9	18.78	75.51	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	20.97	-1.9	19.07	80.72	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_16QAM	19.81	-1.9	17.91	61.8	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_16QAM	20.93	-1.9	19.03	79.98	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_16QAM	19.9	-1.9	18	63.1	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_16QAM	20.22	-1.9	18.32	67.92	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_64QAM	19.27	-1.9	17.37	54.58	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_64QAM	19.41	-1.9	17.51	56.36	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_64QAM	19.11	-1.9	17.21	52.6	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_64QAM	19.04	-1.9	17.14	51.76	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_256QAM	16.52	-1.9	14.62	28.97	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_256QAM	16.57	-1.9	14.67	29.31	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_256QAM	16.13	-1.9	14.23	26.49	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_256QAM	16.43	-1.9	14.53	28.38	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	22.44	-1.9	20.54	113.24	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	23.09	-1.9	21.19	131.52	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	22.24	-1.9	20.34	108.14	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	22.53	-1.9	20.63	115.61	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	21.95	-1.9	20.05	101.16	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	23.07	-1.9	21.17	130.92	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	22.21	-1.9	20.31	107.4	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	22.48	-1.9	20.58	114.29	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	20.94	-1.9	19.04	80.17	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	22.06	-1.9	20.16	103.75	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	21.21	-1.9	19.31	85.31	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	21.53	-1.9	19.63	91.83	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	20.43	-1.9	18.53	71.29	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	20.56	-1.9	18.66	73.45	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	19.68	-1.9	17.78	59.98	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	19.95	-1.9	18.05	63.83	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	18.63	-1.9	16.73	47.1	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	18.7	-1.9	16.8	47.86	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	18.24	-1.9	16.34	43.05	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	18.51	-1.9	16.61	45.81	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	19.87	-1.9	17.97	62.66	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	21.53	-1.9	19.63	91.83	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	20.76	-1.9	18.86	76.91	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	21	-1.9	19.1	81.28	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_16QAM	19.89	-1.9	17.99	62.95	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_16QAM	21.02	-1.9	19.12	81.66	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_16QAM	20.02	-1.9	18.12	64.86	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_16QAM	20.26	-1.9	18.36	68.55	1000	PASS

n78(3700-3800)	30	90	650000	245@0	CP_64QAM	19.36	-1.9	17.46	55.72	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_64QAM	19.5	-1.9	17.6	57.54	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_64QAM	18.87	-1.9	16.97	49.77	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_64QAM	19.11	-1.9	17.21	52.6	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_256QAM	16.57	-1.9	14.67	29.31	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_256QAM	16.68	-1.9	14.78	30.06	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_256QAM	16.25	-1.9	14.35	27.23	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_256QAM	16.48	-1.9	14.58	28.71	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	22.42	-1.9	20.52	112.72	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	23.04	-1.9	21.14	130.02	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	22.17	-1.9	20.27	106.41	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	22.47	-1.9	20.57	114.02	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	21.89	-1.9	19.99	99.77	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	23.04	-1.9	21.14	130.02	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	22.15	-1.9	20.25	105.93	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	22.42	-1.9	20.52	112.72	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	20.89	-1.9	18.99	79.25	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	22.02	-1.9	20.12	102.8	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	21.15	-1.9	19.25	84.14	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	21.44	-1.9	19.54	89.95	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	20.35	-1.9	18.45	69.98	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	20.48	-1.9	18.58	72.11	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	19.59	-1.9	17.69	58.75	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	19.9	-1.9	18	63.1	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	18.56	-1.9	16.66	46.34	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	18.66	-1.9	16.76	47.42	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	18.13	-1.9	16.23	41.98	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	18.42	-1.9	16.52	44.87	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	19.85	-1.9	17.95	62.37	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	21.47	-1.9	19.57	90.57	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	20.7	-1.9	18.8	75.86	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	21.06	-1.9	19.16	82.41	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_16QAM	19.84	-1.9	17.94	62.23	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_16QAM	20.99	-1.9	19.09	81.1	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_16QAM	19.92	-1.9	18.02	63.39	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_16QAM	20.33	-1.9	18.43	69.66	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_64QAM	19.29	-1.9	17.39	54.83	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_64QAM	19.47	-1.9	17.57	57.15	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_64QAM	18.76	-1.9	16.86	48.53	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_64QAM	19.11	-1.9	17.21	52.6	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_256QAM	16.52	-1.9	14.62	28.97	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_256QAM	16.61	-1.9	14.71	29.58	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_256QAM	16.14	-1.9	14.24	26.55	1000	PASS

n78(3700-3800)	30	90	650332	1@243	CP_256QAM	16.48	-1.9	14.58	28.71	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	22.43	-1.9	20.53	112.98	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	23.07	-1.9	21.17	130.92	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	22.08	-1.9	20.18	104.23	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	22.35	-1.9	20.45	110.92	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	21.92	-1.9	20.02	100.46	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	23.05	-1.9	21.15	130.32	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	22.05	-1.9	20.15	103.51	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	22.33	-1.9	20.43	110.41	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	20.89	-1.9	18.99	79.25	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	22.05	-1.9	20.15	103.51	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	21.01	-1.9	19.11	81.47	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	21.3	-1.9	19.4	87.1	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	20.4	-1.9	18.5	70.79	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	20.56	-1.9	18.66	73.45	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	19.54	-1.9	17.64	58.08	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	19.82	-1.9	17.92	61.94	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	18.6	-1.9	16.7	46.77	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	18.69	-1.9	16.79	47.75	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	17.78	-1.9	15.88	38.73	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	18.08	-1.9	16.18	41.5	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	19.85	-1.9	17.95	62.37	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	21.51	-1.9	19.61	91.41	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	20.51	-1.9	18.61	72.61	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	20.76	-1.9	18.86	76.91	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_16QAM	19.88	-1.9	17.98	62.81	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_16QAM	20.97	-1.9	19.07	80.72	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_16QAM	20.03	-1.9	18.13	65.01	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_16QAM	20.3	-1.9	18.4	69.18	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_64QAM	19.33	-1.9	17.43	55.34	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_64QAM	19.52	-1.9	17.62	57.81	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_64QAM	19.16	-1.9	17.26	53.21	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_64QAM	19.06	-1.9	17.16	52	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_256QAM	16.54	-1.9	14.64	29.11	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_256QAM	16.66	-1.9	14.76	29.92	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_256QAM	15.83	-1.9	13.93	24.72	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_256QAM	16.13	-1.9	14.23	26.49	1000	PASS

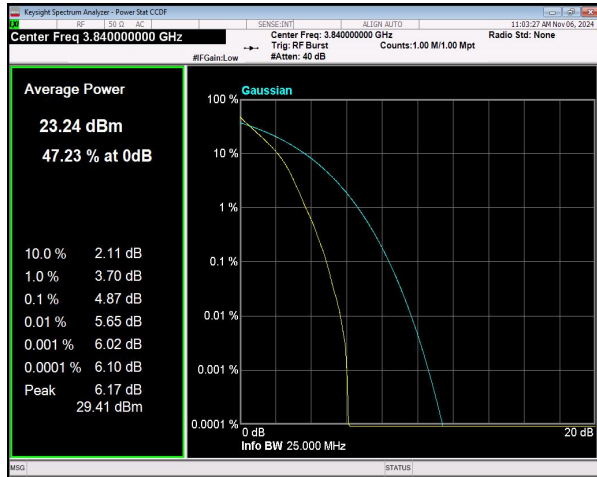
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.8	-0.00099	PASS
20	6	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	7.9	0.00206	PASS
20	9	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	4.6	0.0012	PASS
-30	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.2	-0.00031	PASS
-20	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-9	-0.00234	PASS
-10	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.7	-0.00044	PASS
0	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	9.8	0.00255	PASS
10	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	1	0.00026	PASS
30	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	7.4	0.00193	PASS
40	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	4.9	0.00128	PASS
50	7.82	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.4	-0.00036	PASS

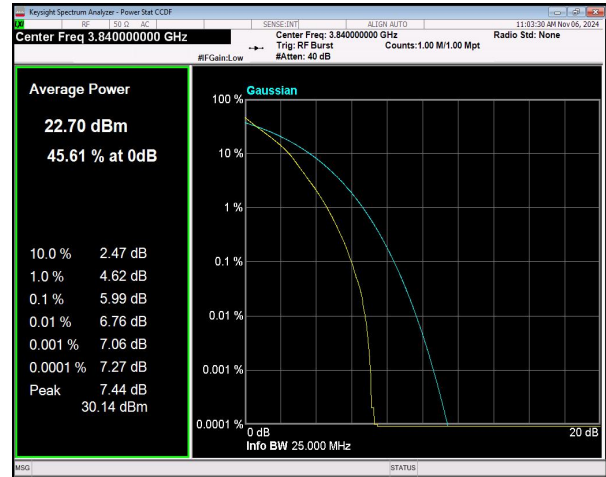
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

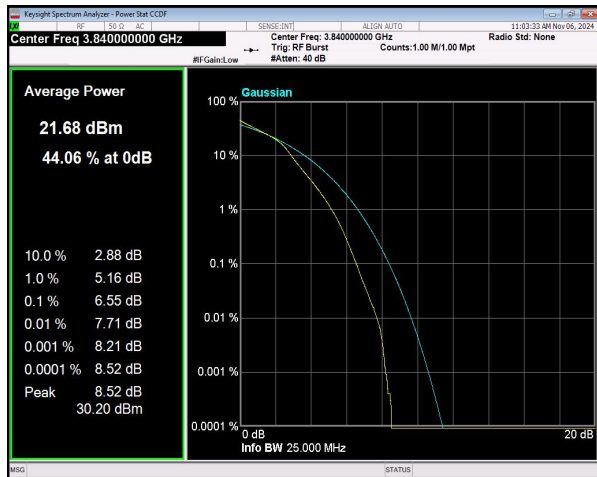
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.87	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.99	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.55	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.78	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.95	13	PASS



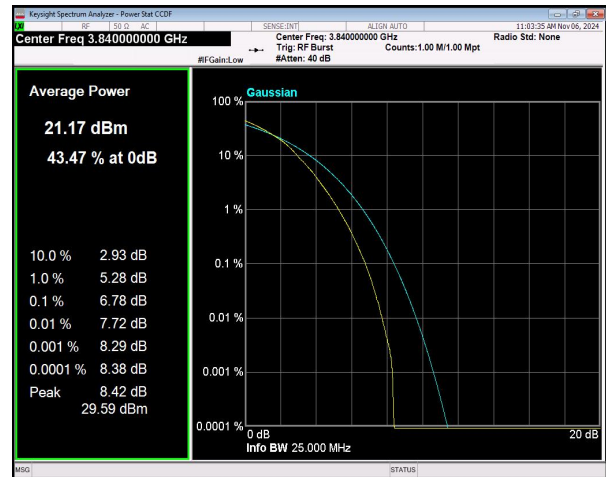
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



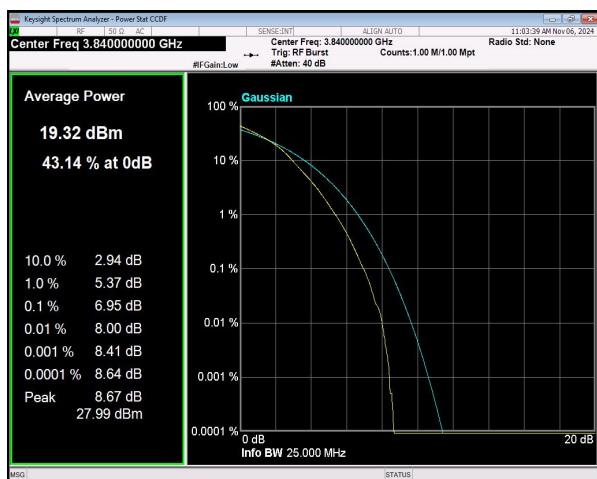
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz
Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=20MHz
Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=20MHz
Channel=656000 RB=50@0

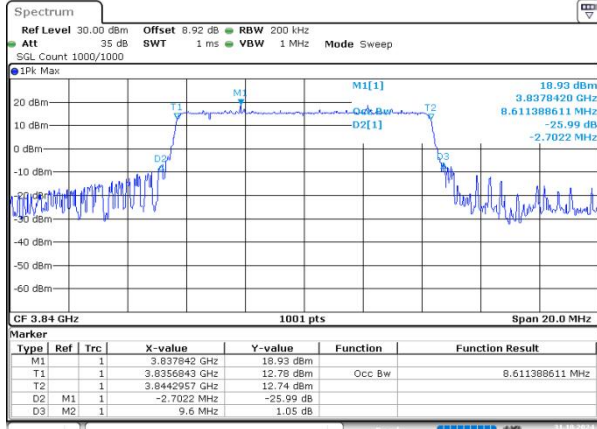


n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
Channel=656000 RB=50@0

4. Occupied Bandwidth

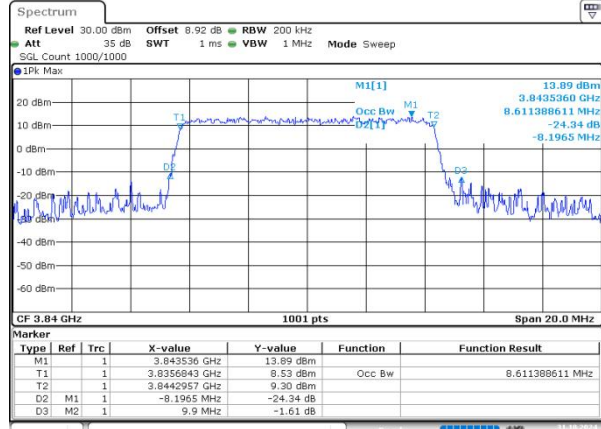
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	656000	3840	24@0	DFT_BPSK	8.611	9.600	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_QPSK	8.611	9.900	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_16QAM	8.651	9.420	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_64QAM	8.611	9.380	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_256QAM	8.631	9.560	PASS
n77(3700-3980)	30	15	656000	3840	36@0	DFT_BPSK	12.917	14.160	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_QPSK	13.606	15.000	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_16QAM	13.636	15.540	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_64QAM	13.636	15.420	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_256QAM	13.666	15.210	PASS
n77(3700-3980)	30	20	656000	3840	50@0	DFT_BPSK	17.982	19.080	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_QPSK	18.302	22.560	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_16QAM	18.262	19.880	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_64QAM	18.342	21.320	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_256QAM	18.302	21.960	PASS
n77(3700-3980)	30	40	656000	3840	100@0	DFT_BPSK	35.964	38.960	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_QPSK	38.042	41.360	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_16QAM	38.042	46.640	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_64QAM	38.122	40.400	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_256QAM	37.962	43.200	PASS
n77(3700-3980)	30	50	656000	3840	128@0	DFT_BPSK	46.054	48.300	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_QPSK	47.652	50.200	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_16QAM	47.652	52.100	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_64QAM	47.652	50.100	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_256QAM	47.652	50.100	PASS
n77(3700-3980)	30	60	656000	3840	162@0	DFT_BPSK	58.501	62.640	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_QPSK	58.382	64.080	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_16QAM	58.501	63.120	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_64QAM	58.501	63.600	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_256QAM	58.501	62.760	PASS
n77(3700-3980)	30	70	656000	3840	180@0	DFT_BPSK	64.895	75.880	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_QPSK	68.252	73.080	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_16QAM	68.112	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_64QAM	68.112	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_256QAM	68.112	72.940	PASS
n77(3700-3980)	30	80	656000	3840	216@0	DFT_BPSK	77.682	82.080	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_QPSK	77.842	85.120	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_16QAM	77.842	83.840	PASS

n77(3700-3980)	30	80	656000	3840	217@0	CP_64QAM	77.842	83.040	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_256QAM	77.842	84.800	PASS
n77(3700-3980)	30	90	656000	3840	243@0	DFT_BPSK	87.213	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_QPSK	87.752	92.700	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_16QAM	87.752	95.760	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_64QAM	87.752	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_256QAM	87.752	95.220	PASS
n77(3700-3980)	30	100	656000	3840	270@0	DFT_BPSK	96.503	101.400	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_QPSK	97.502	102.800	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_16QAM	97.502	102.600	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_64QAM	97.303	103.200	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_256QAM	97.303	102.400	PASS



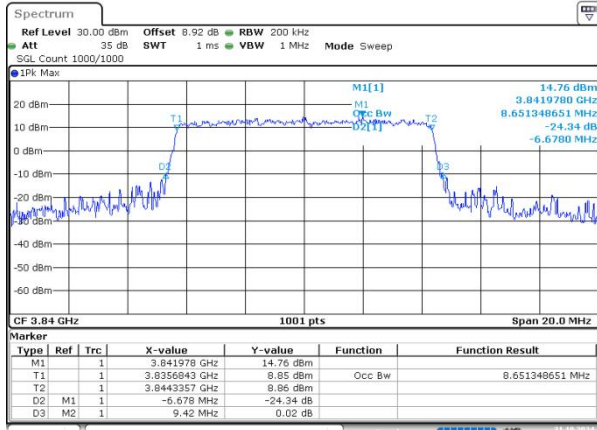
Date: 31.OCT.2024 22:34:34

n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
Channel=656000 RB=24@0



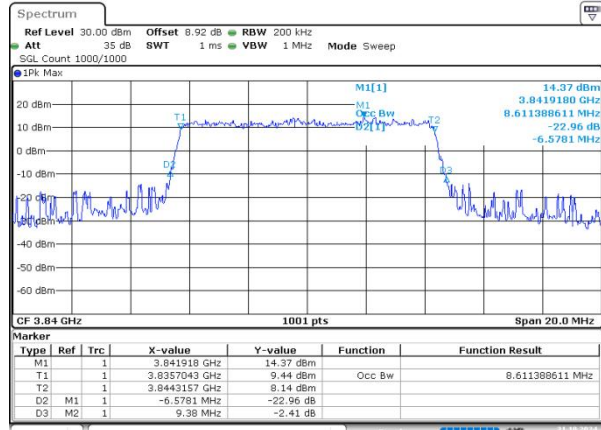
Date: 31.OCT.2024 22:34:52

n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz
Channel=656000 RB=24@0



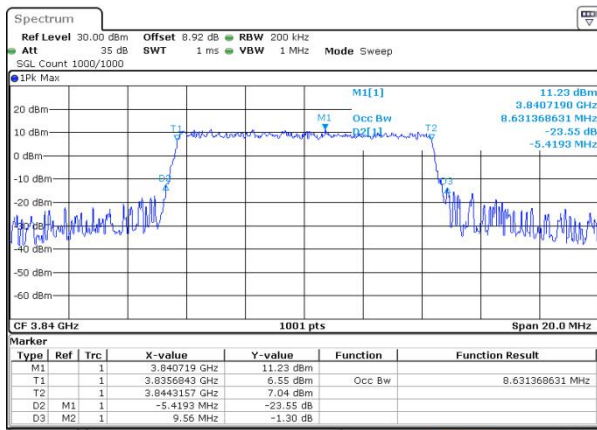
Date: 31.OCT.2024 22:35:09

n77(3700-3980) SCS=30kHz CP_16QAM BW=10MHz
Channel=656000 RB=24@0



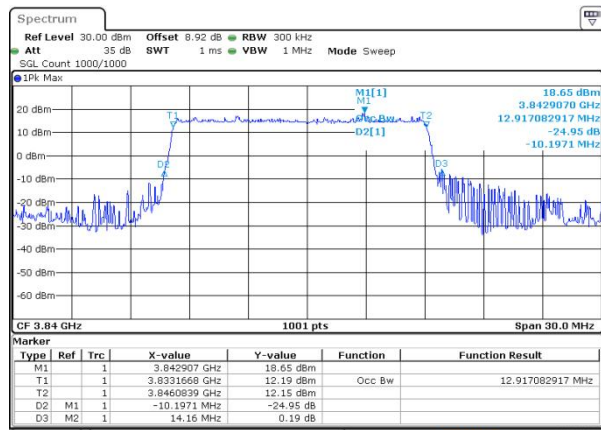
Date: 31.OCT.2024 22:35:26

n77(3700-3980) SCS=30kHz CP_64QAM BW=10MHz
Channel=656000 RB=24@0



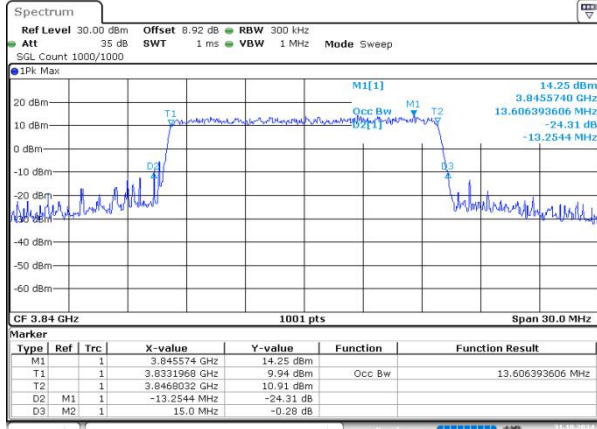
Date: 31.OCT.2024 22:35:44

n77(3700-3980) SCS=30kHz CP_256QAM BW=10MHz
Channel=656000 RB=24@0

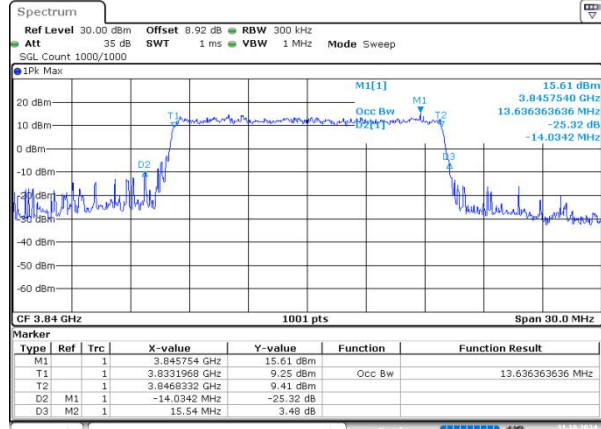


Date: 31.OCT.2024 22:35:56

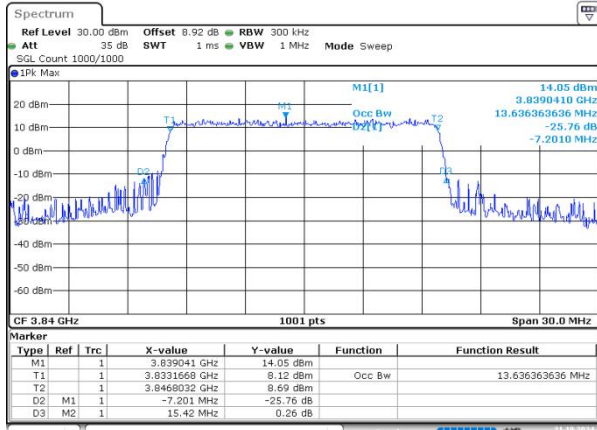
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
Channel=656000 RB=36@0



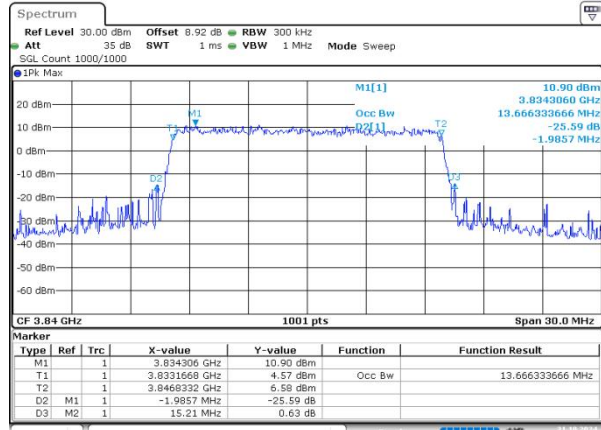
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
Channel=656000 RB=38@0



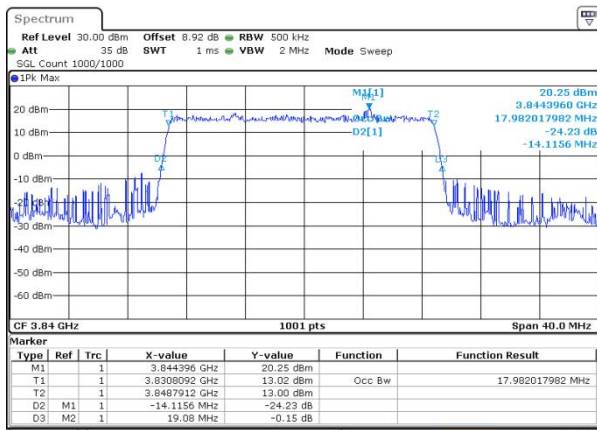
n77(3700-3980) SCS=30kHz CP_16QAM BW=15MHz
Channel=656000 RB=38@0



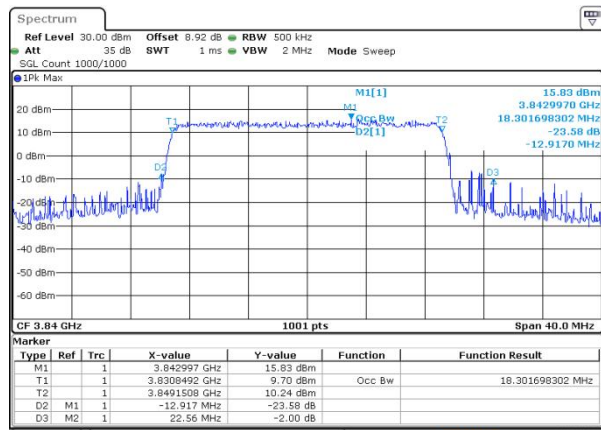
n77(3700-3980) SCS=30kHz CP_64QAM BW=15MHz
Channel=656000 RB=38@0



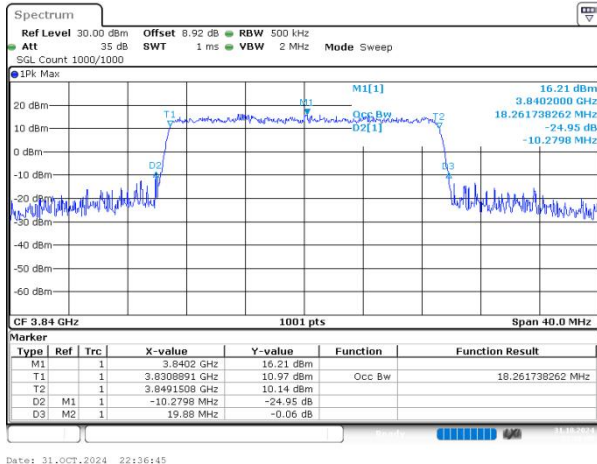
n77(3700-3980) SCS=30kHz CP_256QAM BW=15MHz
Channel=656000 RB=38@0



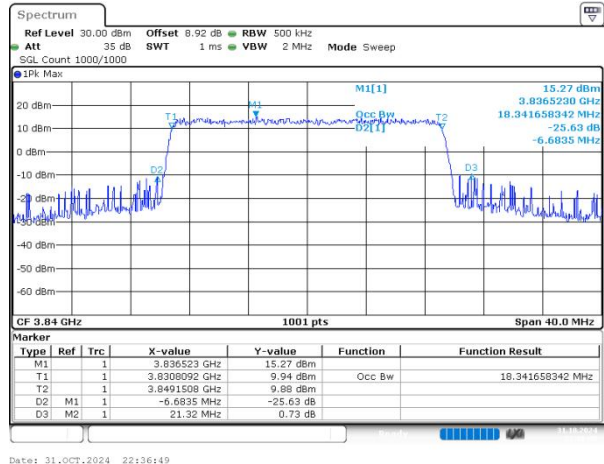
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



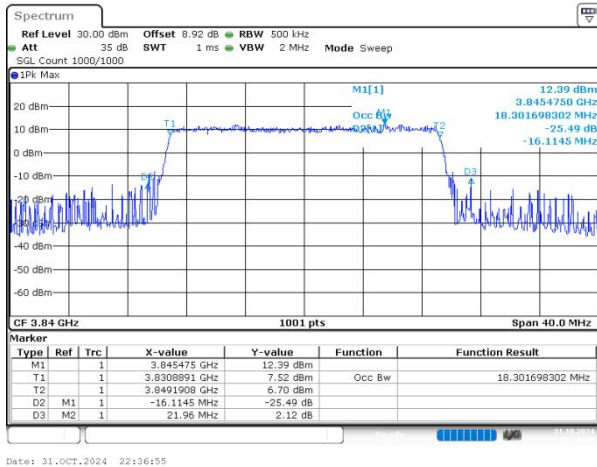
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz
Channel=656000 RB=51@0



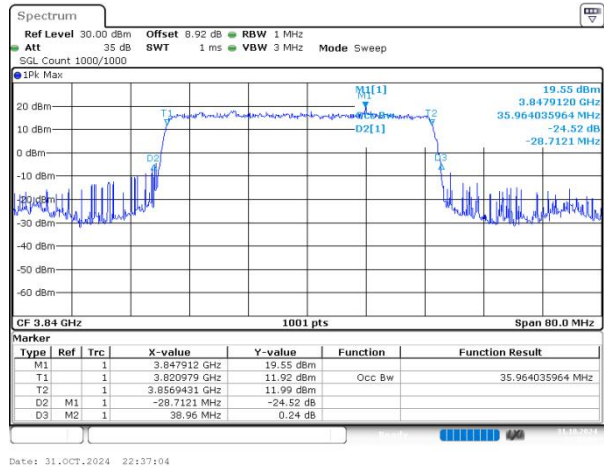
n77(3700-3980) SCS=30kHz CP_16QAM BW=20MHz
Channel=656000 RB=51@0



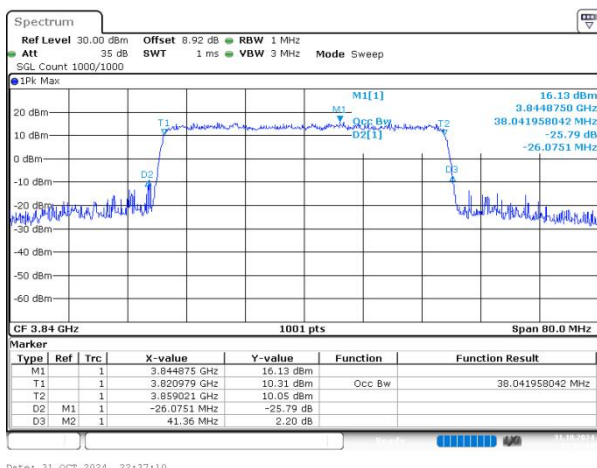
n77(3700-3980) SCS=30kHz CP_64QAM BW=20MHz
Channel=656000 RB=51@0



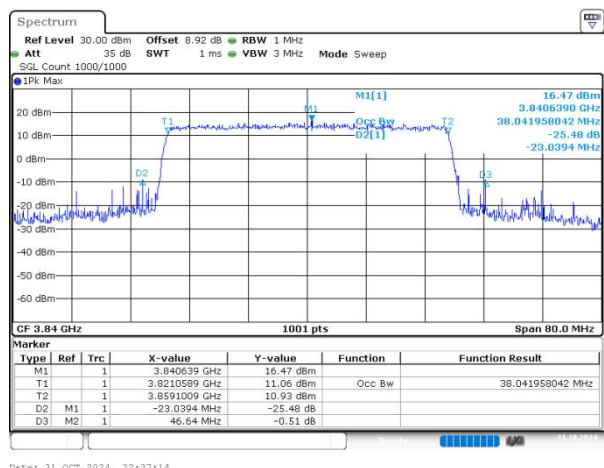
n77(3700-3980) SCS=30kHz CP_256QAM BW=20MHz
Channel=656000 RB=51@0



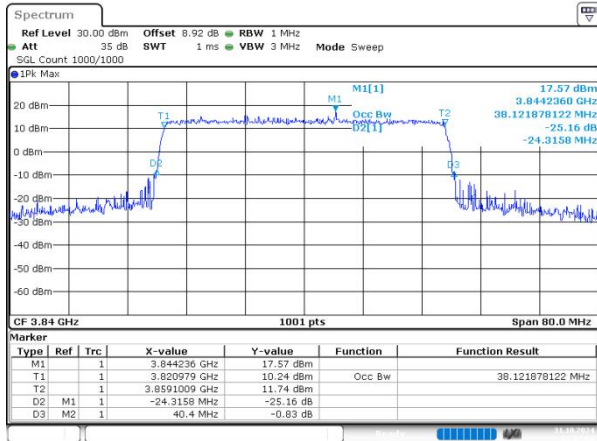
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz
Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz
Channel=656000 RB=106@0



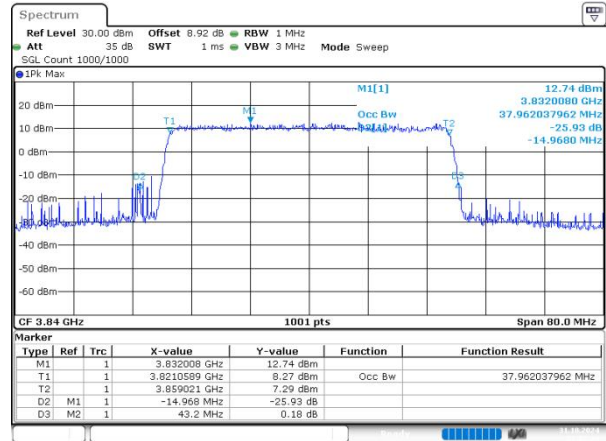
n77(3700-3980) SCS=30kHz CP_16QAM BW=40MHz
Channel=656000 RB=106@0



Date: 31.OCT.2024 22:37:18

n77(3700-3980) SCS=30kHz CP_64QAM BW=40MHz

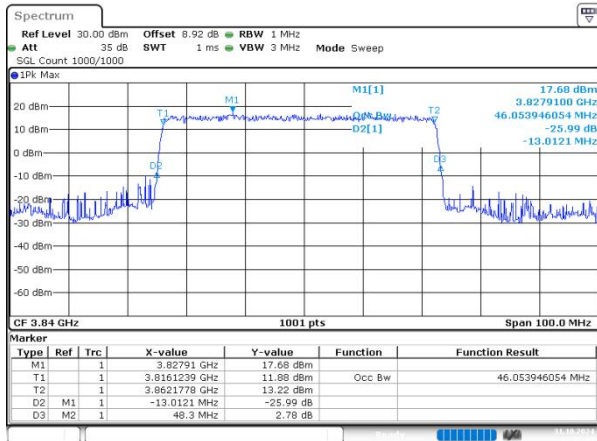
Channel=656000 RB=106@0



Date: 31.OCT.2024 22:37:24

n77(3700-3980) SCS=30kHz CP_256QAM BW=40MHz

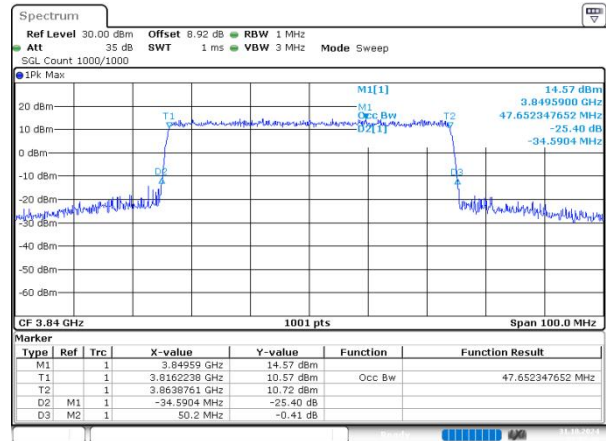
Channel=656000 RB=106@0



Date: 31.OCT.2024 22:37:33

n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz

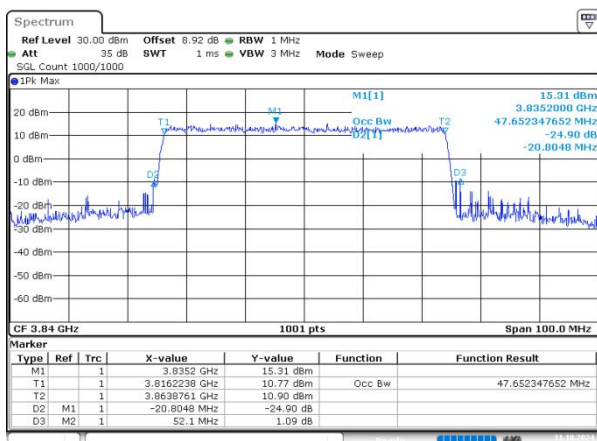
Channel=656000 RB=128@0



Date: 31.OCT.2024 22:37:39

n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz

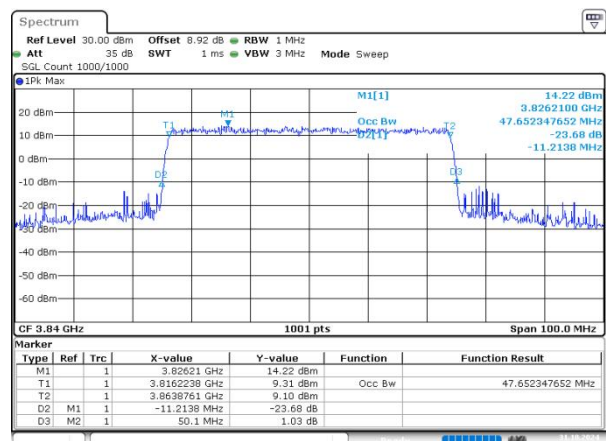
Channel=656000 RB=133@0



Date: 31.OCT.2024 22:37:43

n77(3700-3980) SCS=30kHz CP_16QAM BW=50MHz

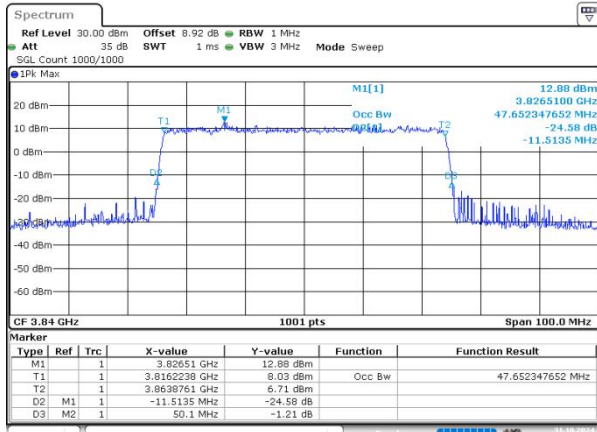
Channel=656000 RB=133@0



Date: 31.OCT.2024 22:37:47

n77(3700-3980) SCS=30kHz CP_64QAM BW=50MHz

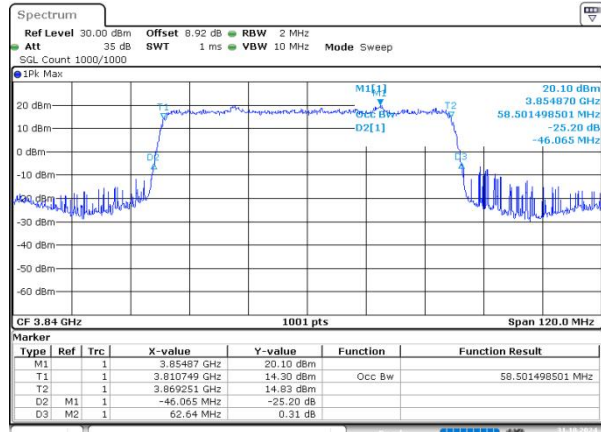
Channel=656000 RB=133@0



Date: 31.OCT.2024 22:37:53

n77(3700-3980) SCS=30kHz CP_256QAM BW=50MHz

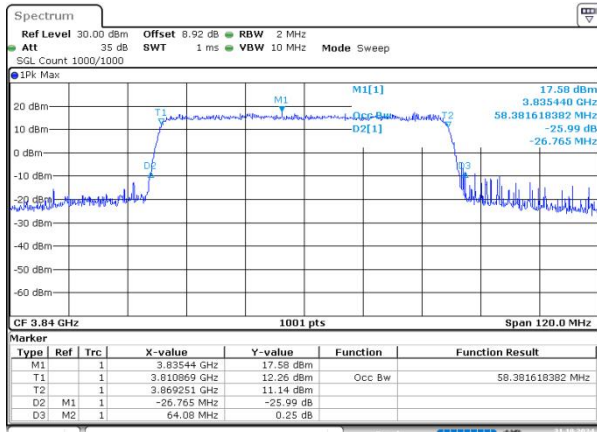
Channel=656000 RB=133@0



Date: 31.OCT.2024 22:38:02

n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz

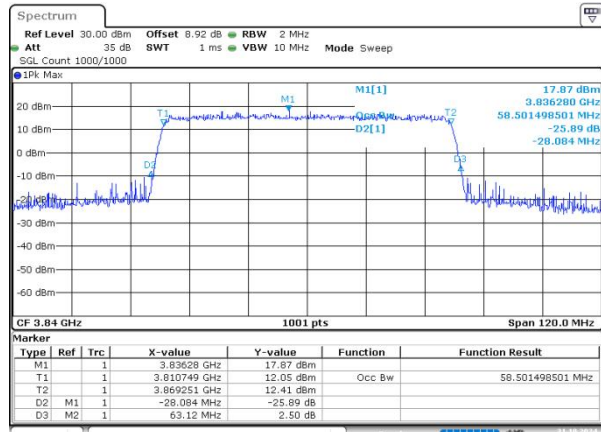
Channel=656000 RB=162@0



Date: 31.OCT.2024 22:38:07

n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz

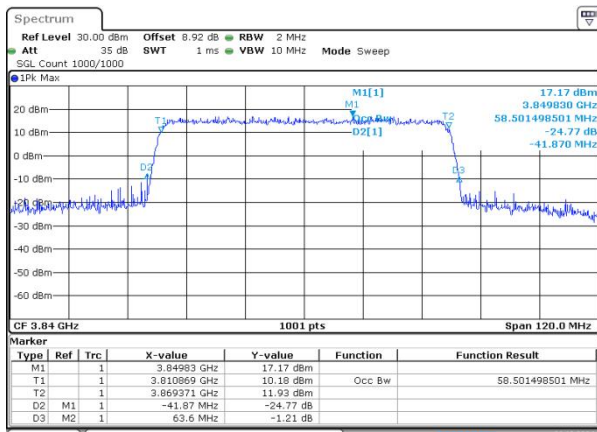
Channel=656000 RB=162@0



Date: 31.OCT.2024 22:38:11

n77(3700-3980) SCS=30kHz CP_16QAM BW=60MHz

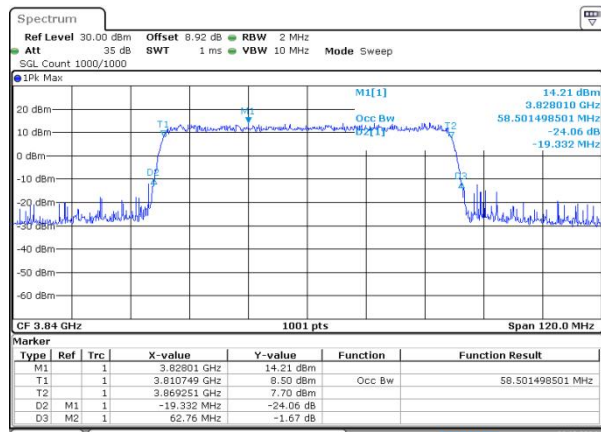
Channel=656000 RB=162@0



Date: 31.OCT.2024 22:38:16

n77(3700-3980) SCS=30kHz CP_64QAM BW=60MHz

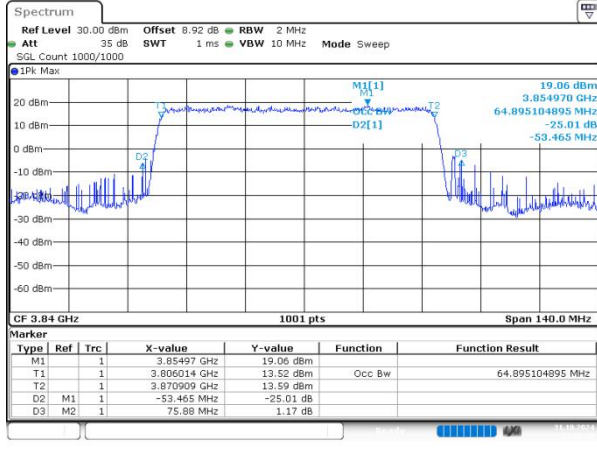
Channel=656000 RB=162@0



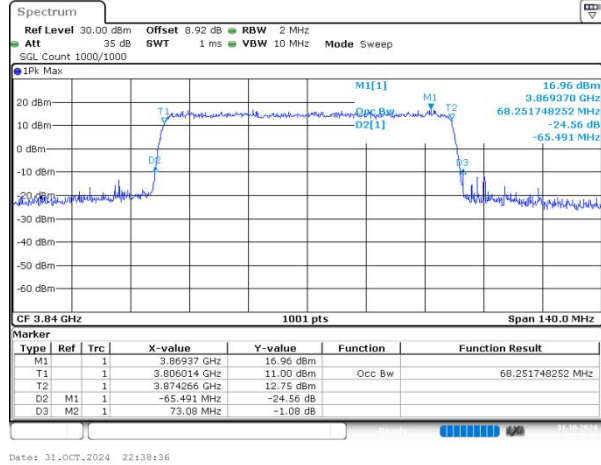
Date: 31.OCT.2024 22:38:21

n77(3700-3980) SCS=30kHz CP_256QAM BW=60MHz

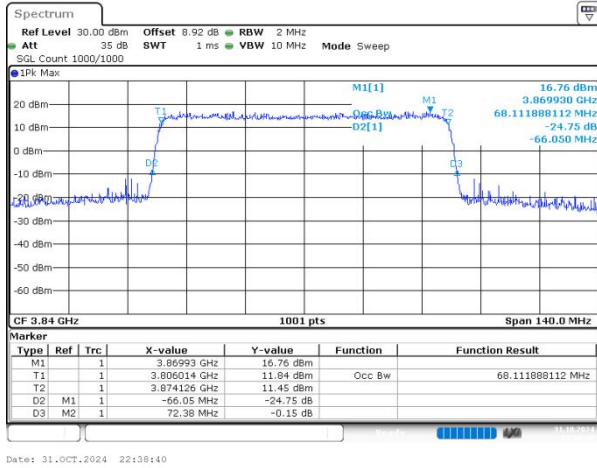
Channel=656000 RB=162@0



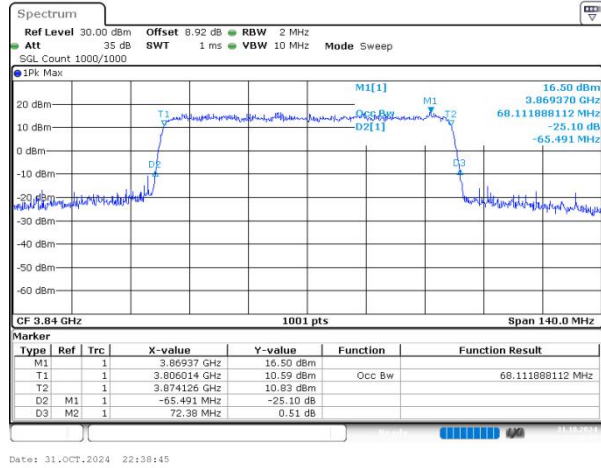
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
Channel=656000 RB=180@0



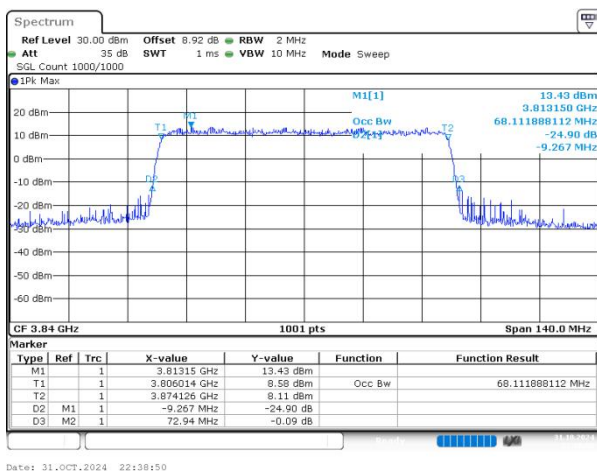
n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz
Channel=656000 RB=189@0



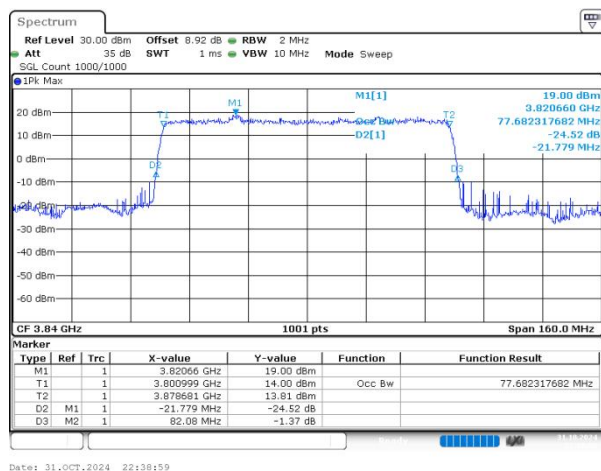
n77(3700-3980) SCS=30kHz CP_16QAM BW=70MHz
Channel=656000 RB=189@0



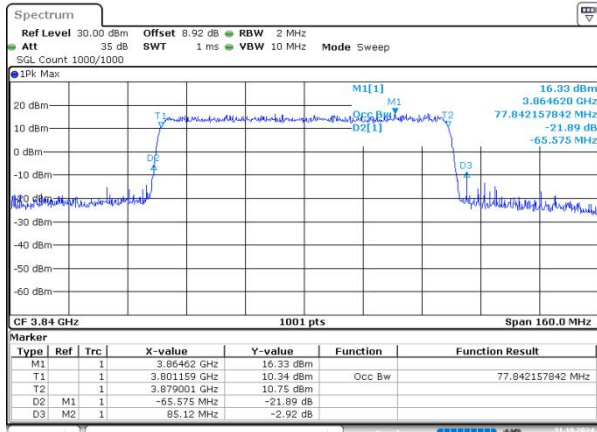
n77(3700-3980) SCS=30kHz CP_64QAM BW=70MHz
Channel=656000 RB=189@0



n77(3700-3980) SCS=30kHz CP_256QAM BW=70MHz
Channel=656000 RB=189@0



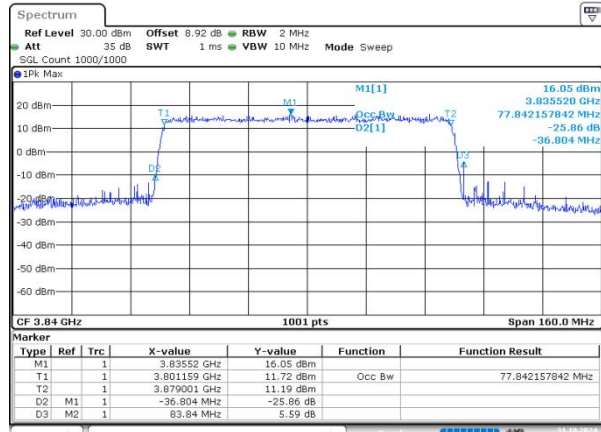
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz
Channel=656000 RB=216@0



Date: 31.OCT.2024 22:39:05

n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz

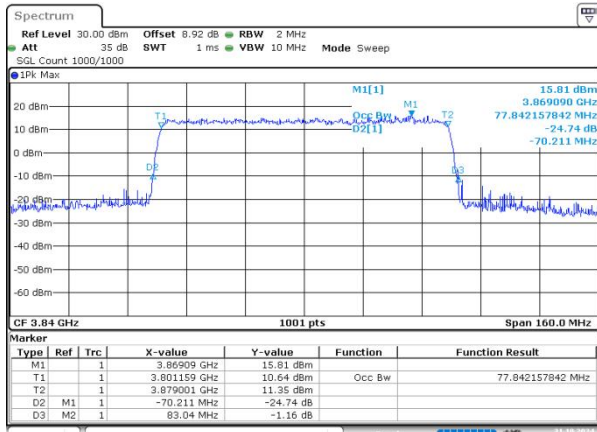
Channel=656000 RB=217@0



Date: 31.OCT.2024 22:39:09

n77(3700-3980) SCS=30kHz CP_16QAM BW=80MHz

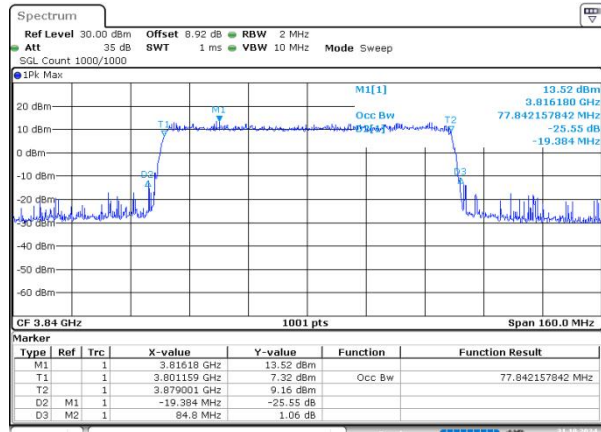
Channel=656000 RB=217@0



Date: 31.OCT.2024 22:39:14

n77(3700-3980) SCS=30kHz CP_64QAM BW=80MHz

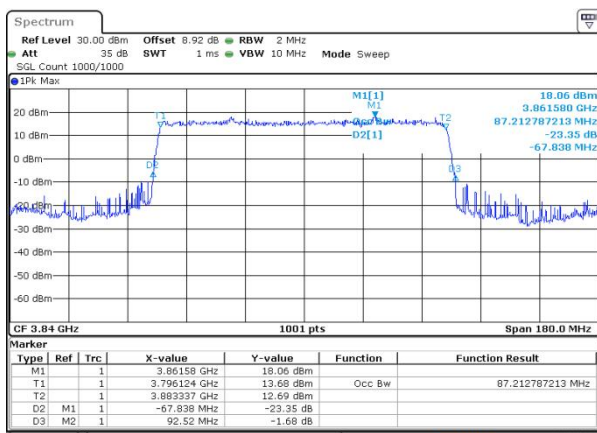
Channel=656000 RB=217@0



Date: 31.OCT.2024 22:39:19

n77(3700-3980) SCS=30kHz CP_256QAM BW=80MHz

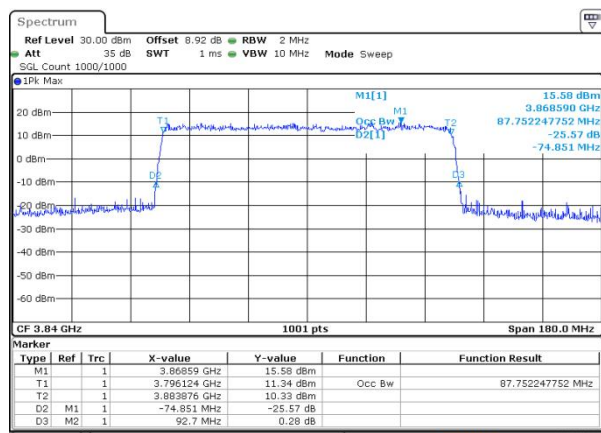
Channel=656000 RB=217@0



Date: 31.OCT.2024 22:39:31

n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz

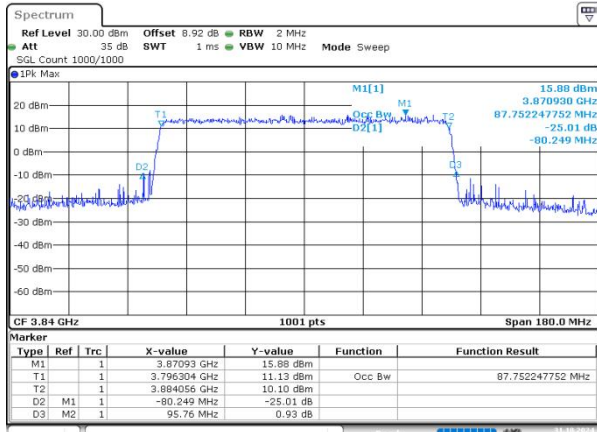
Channel=656000 RB=243@0



Date: 31.OCT.2024 22:39:39

n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz

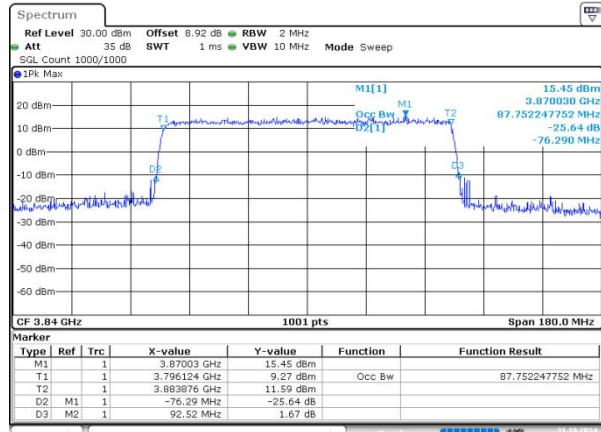
Channel=656000 RB=245@0



Date: 31.OCT.2024 22:39:46

n77(3700-3980) SCS=30kHz CP_16QAM BW=90MHz

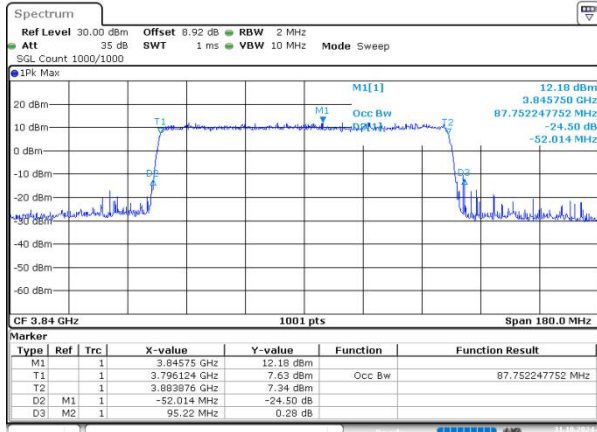
Channel=656000 RB=245@0



Date: 31.OCT.2024 22:39:53

n77(3700-3980) SCS=30kHz CP_64QAM BW=90MHz

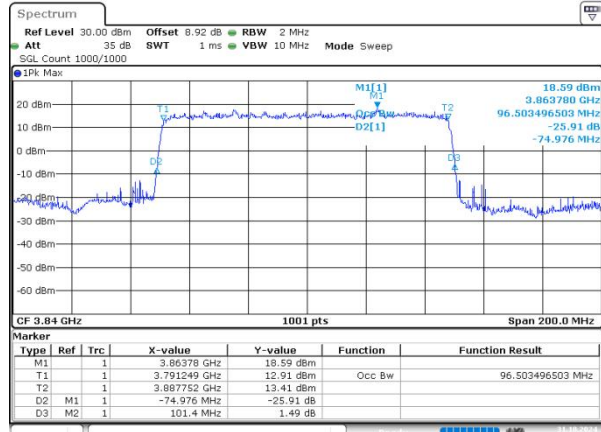
Channel=656000 RB=245@0



Date: 31.OCT.2024 22:40:01

n77(3700-3980) SCS=30kHz CP_256QAM BW=90MHz

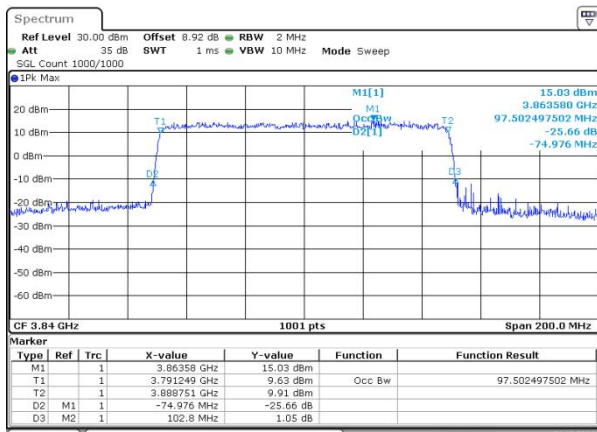
Channel=656000 RB=245@0



Date: 31.OCT.2024 22:40:13

n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

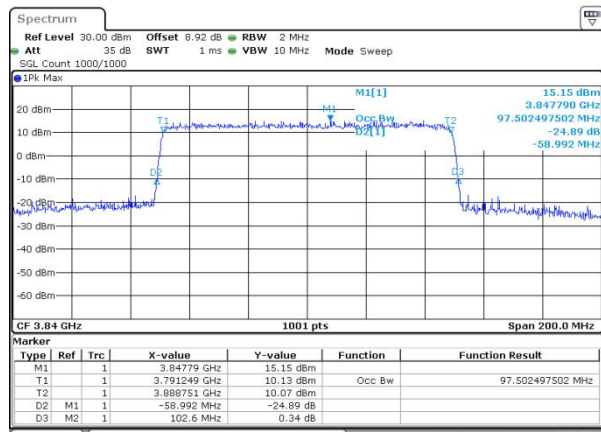
Channel=656000 RB=270@0



Date: 31.OCT.2024 22:40:21

n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz

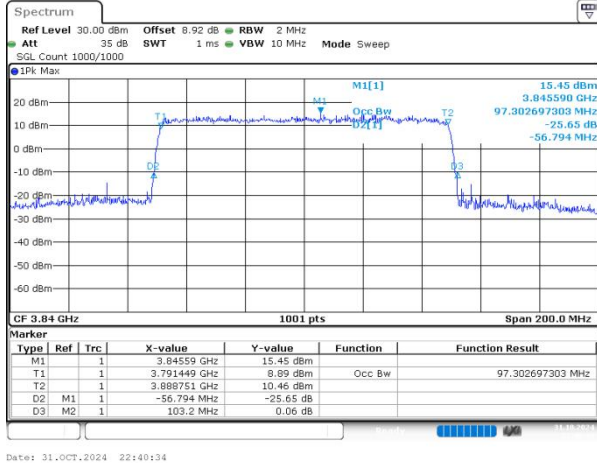
Channel=656000 RB=273@0



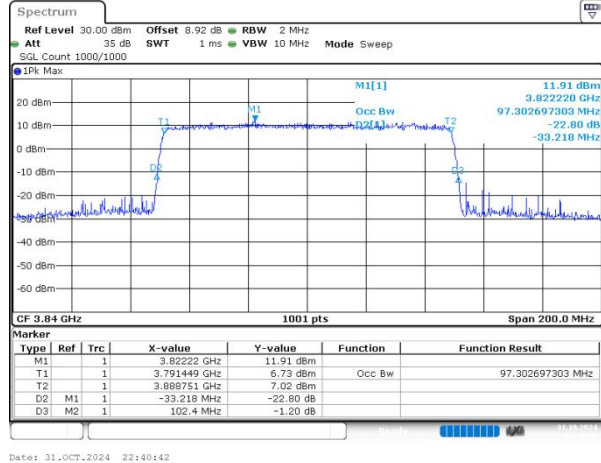
Date: 31.OCT.2024 22:40:28

n77(3700-3980) SCS=30kHz CP_16QAM BW=100MHz

Channel=656000 RB=273@0

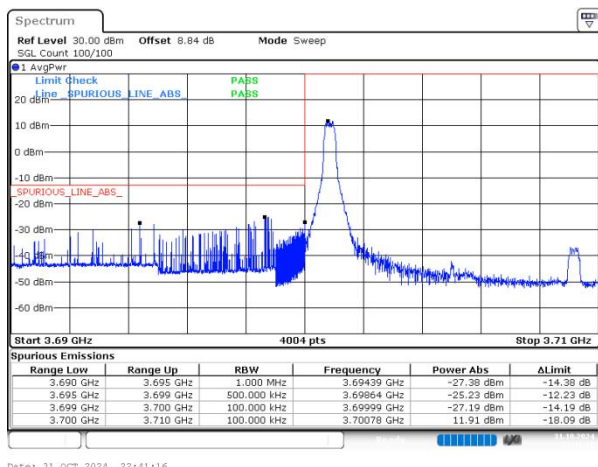


n77(3700-3980) SCS=30kHz CP_64QAM BW=100MHz
Channel=656000 RB=273@0

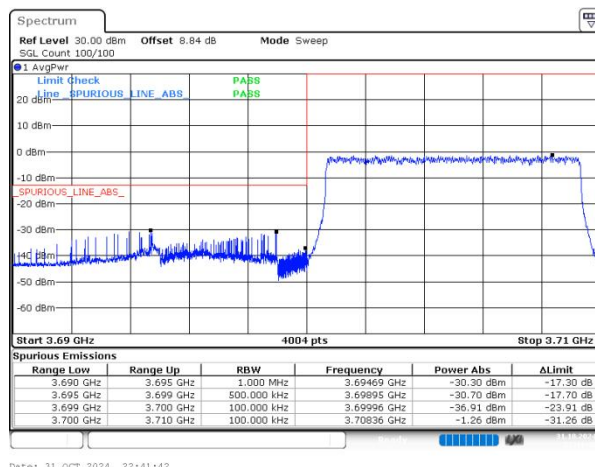


n77(3700-3980) SCS=30kHz CP_256QAM BW=100MHz
Channel=656000 RB=273@0

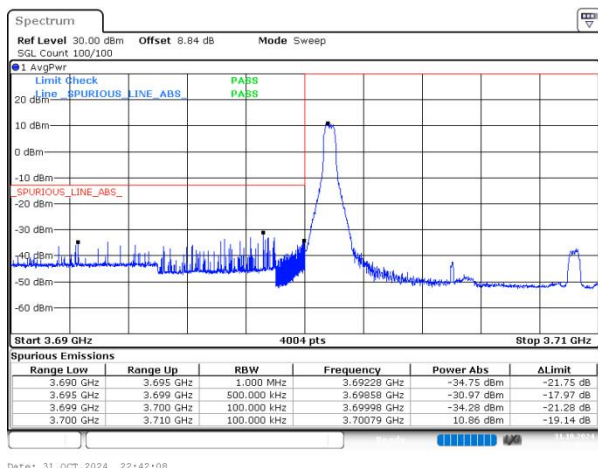
5. Conducted Band Edge



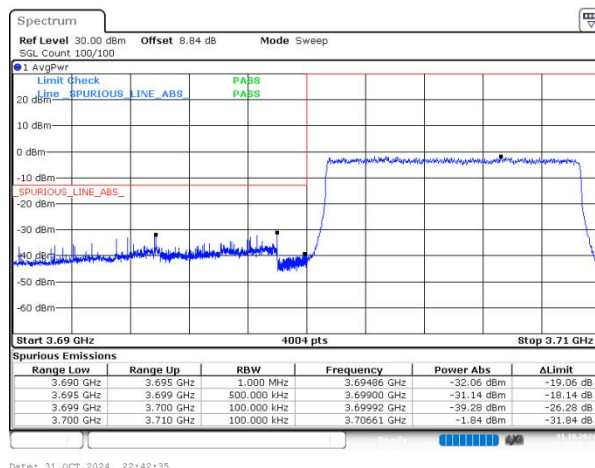
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
LowChannel=647000 RB=1@0



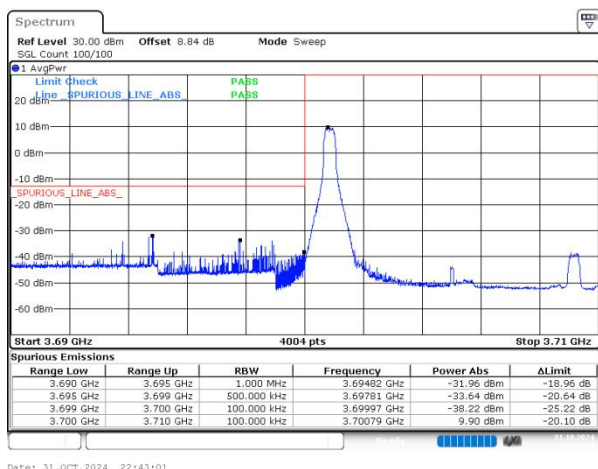
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
LowChannel=647000 RB=24@0



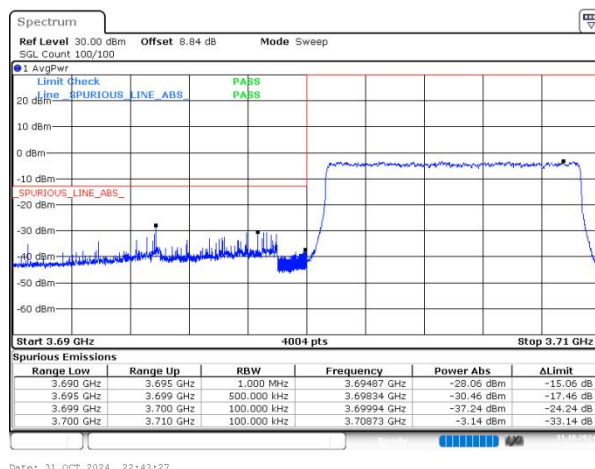
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz
LowChannel=647000 RB=1@0



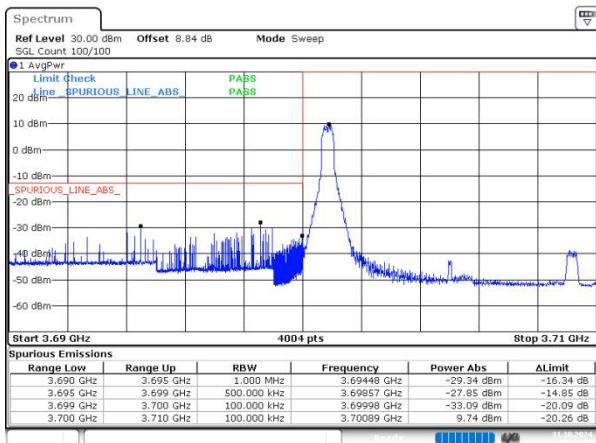
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz
LowChannel=647000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz
LowChannel=647000 RB=1@0



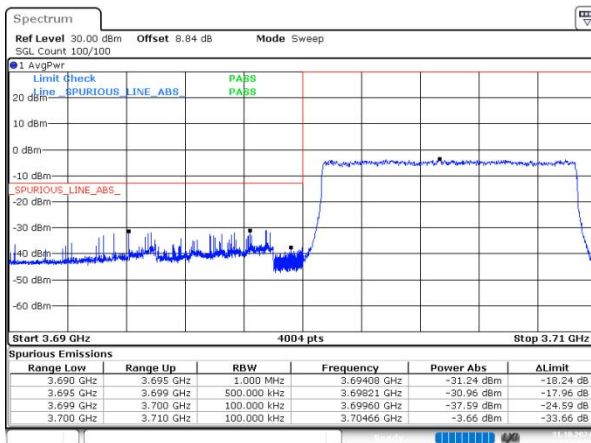
n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz
LowChannel=647000 RB=24@0



Date: 31.OCT.2024 22:43:54

n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz

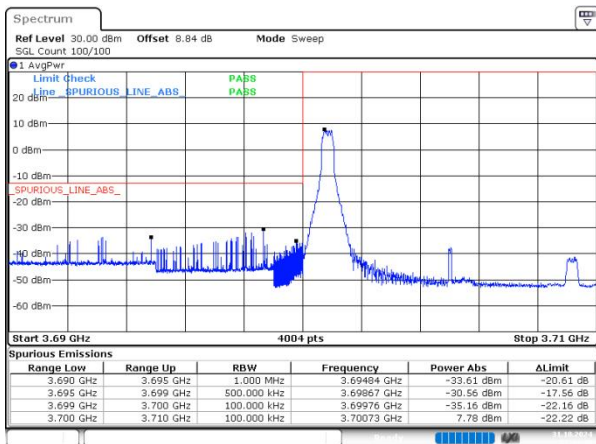
LowChannel=647000 RB=1@0



Date: 31.OCT.2024 22:44:20

n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz

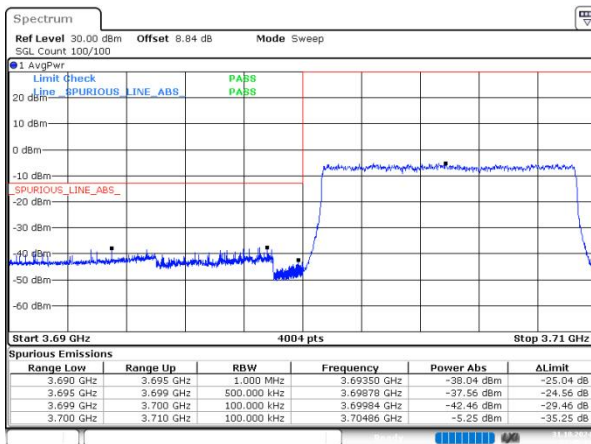
LowChannel=647000 RB=24@0



Date: 31.OCT.2024 22:44:48

n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz

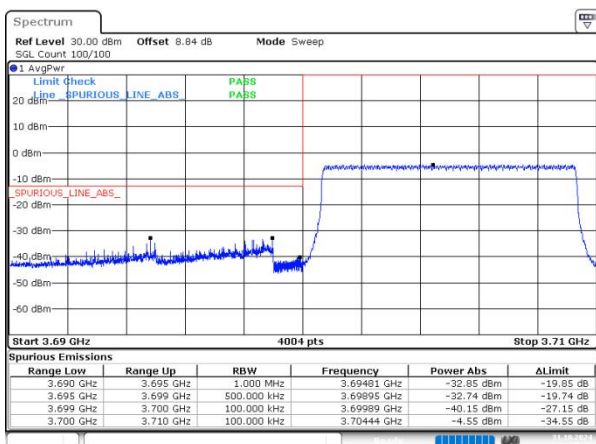
LowChannel=647000 RB=1@0



Date: 31.OCT.2024 22:45:14

n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz

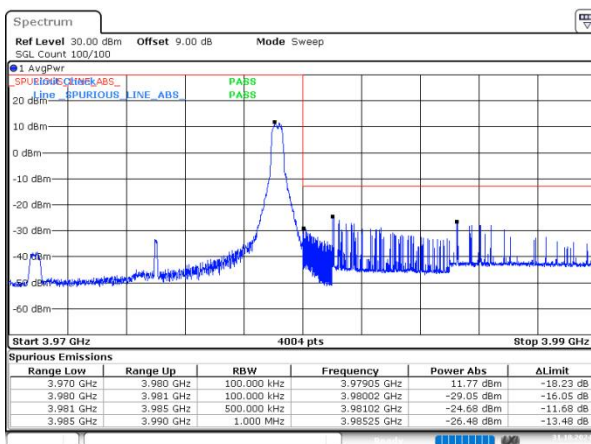
LowChannel=647000 RB=24@0



Date: 31.OCT.2024 22:45:42

n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz

LowChannel=647000 RB=24@0



Date: 31.OCT.2024 22:46:13

n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz

HighChannel=665000 RB=1@23