

Appendix A : Test Result - n77 - (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	24.00	-1.97	22.03	159.59	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	24.45	-1.97	22.48	177.01	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	24.40	-1.97	22.43	174.98	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	24.35	-1.97	22.38	172.98	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	23.49	-1.97	21.52	141.91	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	24.46	-1.97	22.49	177.42	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	24.34	-1.97	22.37	172.58	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	24.31	-1.97	22.34	171.40	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	22.52	-1.97	20.55	113.50	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	23.48	-1.97	21.51	141.58	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	23.43	-1.97	21.46	139.96	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	23.43	-1.97	21.46	139.96	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	21.94	-1.97	19.97	99.31	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	21.97	-1.97	20.00	100.00	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	21.76	-1.97	19.79	95.28	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	20.11	-1.97	18.14	65.16	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	20.10	-1.97	18.13	65.01	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	20.27	-1.97	18.30	67.61	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	20.21	-1.97	18.24	66.68	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	21.45	-1.97	19.48	88.72	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	22.96	-1.97	20.99	125.60	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	22.91	-1.97	20.94	124.17	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	22.87	-1.97	20.90	123.03	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_16QAM	21.42	-1.97	19.45	88.10	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	22.41	-1.97	20.44	110.66	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	22.38	-1.97	20.41	109.90	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	22.31	-1.97	20.34	108.14	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	21.10	-1.97	19.13	81.85	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	21.10	-1.97	19.13	81.85	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	20.97	-1.97	19.00	79.43	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	20.93	-1.97	18.96	78.70	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	18.04	-1.97	16.07	40.46	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	18.06	-1.97	16.09	40.64	1000	PASS

n77(3700-3980)	30	10	647000	1@1	CP_256QAM	18.24	-1.97	16.27	42.36	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	18.18	-1.97	16.21	41.78	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	23.70	-1.97	21.73	148.94	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	24.17	-1.97	22.20	165.96	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	24.03	-1.97	22.06	160.69	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	24.08	-1.97	22.11	162.55	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	23.21	-1.97	21.24	133.05	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	24.20	-1.97	22.23	167.11	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	24.03	-1.97	22.06	160.69	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	24.08	-1.97	22.11	162.55	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	22.23	-1.97	20.26	106.17	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	23.17	-1.97	21.20	131.83	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	23.08	-1.97	21.11	129.12	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	23.14	-1.97	21.17	130.92	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	21.71	-1.97	19.74	94.19	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	21.40	-1.97	19.43	87.70	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	21.47	-1.97	19.50	89.13	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	19.81	-1.97	17.84	60.81	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	19.85	-1.97	17.88	61.38	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	19.89	-1.97	17.92	61.94	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	19.96	-1.97	17.99	62.95	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	21.18	-1.97	19.21	83.37	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	22.54	-1.97	20.57	114.02	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	22.60	-1.97	20.63	115.61	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	21.15	-1.97	19.18	82.79	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	22.18	-1.97	20.21	104.95	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	22.01	-1.97	20.04	100.93	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	22.10	-1.97	20.13	103.04	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	20.67	-1.97	18.70	74.13	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	20.68	-1.97	18.71	74.30	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	20.47	-1.97	18.50	70.79	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	20.55	-1.97	18.58	72.11	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	17.78	-1.97	15.81	38.11	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	17.79	-1.97	15.82	38.19	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	17.94	-1.97	15.97	39.54	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	17.97	-1.97	16.00	39.81	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	23.77	-1.97	21.80	151.36	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	24.26	-1.97	22.29	169.43	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	24.16	-1.97	22.19	165.58	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	24.14	-1.97	22.17	164.82	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	23.26	-1.97	21.29	134.59	1000	PASS

n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	24.27	-1.97	22.30	169.82	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	24.12	-1.97	22.15	164.06	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	24.12	-1.97	22.15	164.06	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	22.30	-1.97	20.33	107.89	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	23.29	-1.97	21.32	135.52	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	23.21	-1.97	21.24	133.05	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	23.24	-1.97	21.27	133.97	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	21.73	-1.97	19.76	94.62	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	21.80	-1.97	19.83	96.16	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	21.52	-1.97	19.55	90.16	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	21.50	-1.97	19.53	89.74	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	19.87	-1.97	17.90	61.66	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	19.89	-1.97	17.92	61.94	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	19.97	-1.97	18.00	63.10	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	19.96	-1.97	17.99	62.95	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	21.29	-1.97	19.32	85.51	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	22.72	-1.97	20.75	118.85	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	22.63	-1.97	20.66	116.41	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	22.62	-1.97	20.65	116.14	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_16QAM	21.24	-1.97	19.27	84.53	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	22.21	-1.97	20.24	105.68	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	22.15	-1.97	20.18	104.23	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	22.11	-1.97	20.14	103.28	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	20.72	-1.97	18.75	74.99	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	20.73	-1.97	18.76	75.16	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	20.56	-1.97	18.59	72.28	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	20.55	-1.97	18.58	72.11	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	17.81	-1.97	15.84	38.37	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	17.84	-1.97	15.87	38.64	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	18.00	-1.97	16.03	40.09	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	17.99	-1.97	16.02	39.99	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	24.44	-1.97	22.47	176.60	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	24.34	-1.97	22.37	172.58	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	24.28	-1.97	22.31	170.22	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	23.45	-1.97	21.48	140.60	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	24.44	-1.97	22.47	176.60	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	24.32	-1.97	22.35	171.79	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	24.27	-1.97	22.30	169.82	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	22.48	-1.97	20.51	112.46	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	23.43	-1.97	21.46	139.96	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	23.43	-1.97	21.46	139.96	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	23.36	-1.97	21.39	137.72	1000	PASS

n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	21.95	-1.97	19.98	99.54	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	21.95	-1.97	19.98	99.54	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	21.73	-1.97	19.76	94.62	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	21.68	-1.97	19.71	93.54	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	20.10	-1.97	18.13	65.01	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	20.14	-1.97	18.17	65.61	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	20.23	-1.97	18.26	66.99	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	20.12	-1.97	18.15	65.31	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	21.41	-1.97	19.44	87.90	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	22.91	-1.97	20.94	124.17	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	22.88	-1.97	20.91	123.31	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	22.82	-1.97	20.85	121.62	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	21.38	-1.97	19.41	87.30	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	22.44	-1.97	20.47	111.43	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	22.33	-1.97	20.36	108.64	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	22.23	-1.97	20.26	106.17	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	21.11	-1.97	19.14	82.04	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	21.06	-1.97	19.09	81.10	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	20.92	-1.97	18.95	78.52	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	20.86	-1.97	18.89	77.45	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	18.04	-1.97	16.07	40.46	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	18.03	-1.97	16.06	40.36	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	18.21	-1.97	16.24	42.07	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	18.18	-1.97	16.21	41.78	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	23.70	-1.97	21.73	148.94	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	24.18	-1.97	22.21	166.34	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	24.10	-1.97	22.13	163.31	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	23.20	-1.97	21.23	132.74	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	24.21	-1.97	22.24	167.49	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	24.07	-1.97	22.10	162.18	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	22.22	-1.97	20.25	105.93	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	23.19	-1.97	21.22	132.43	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	23.06	-1.97	21.09	128.53	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	23.14	-1.97	21.17	130.92	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	21.67	-1.97	19.70	93.33	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	21.70	-1.97	19.73	93.97	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	21.39	-1.97	19.42	87.50	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	21.50	-1.97	19.53	89.74	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	19.82	-1.97	17.85	60.95	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	19.92	-1.97	17.95	62.37	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	19.84	-1.97	17.87	61.24	1000	PASS

n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	19.97	-1.97	18.00	63.10	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	21.17	-1.97	19.20	83.18	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	22.53	-1.97	20.56	113.76	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	22.62	-1.97	20.65	116.14	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_16QAM	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	22.22	-1.97	20.25	105.93	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	21.98	-1.97	20.01	100.23	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	22.10	-1.97	20.13	103.04	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	20.74	-1.97	18.77	75.34	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	20.64	-1.97	18.67	73.62	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	20.44	-1.97	18.47	70.31	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	20.53	-1.97	18.56	71.78	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	17.80	-1.97	15.83	38.28	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	17.77	-1.97	15.80	38.02	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	17.90	-1.97	15.93	39.17	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	17.99	-1.97	16.02	39.99	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	23.73	-1.97	21.76	149.97	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	24.21	-1.97	22.24	167.49	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	24.07	-1.97	22.10	162.18	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	24.09	-1.97	22.12	162.93	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	23.25	-1.97	21.28	134.28	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	24.25	-1.97	22.28	169.04	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	24.03	-1.97	22.06	160.69	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	24.05	-1.97	22.08	161.44	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	22.26	-1.97	20.29	106.91	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	23.25	-1.97	21.28	134.28	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	23.18	-1.97	21.21	132.13	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	23.19	-1.97	21.22	132.43	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	21.75	-1.97	19.78	95.06	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	21.76	-1.97	19.79	95.28	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	21.47	-1.97	19.50	89.13	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	21.46	-1.97	19.49	88.92	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	19.86	-1.97	17.89	61.52	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	19.91	-1.97	17.94	62.23	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	19.95	-1.97	17.98	62.81	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	19.94	-1.97	17.97	62.66	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	21.21	-1.97	19.24	83.95	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	22.72	-1.97	20.75	118.85	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	22.53	-1.97	20.56	113.76	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	22.56	-1.97	20.59	114.55	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	21.15	-1.97	19.18	82.79	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	22.25	-1.97	20.28	106.66	1000	PASS

n77(3700-3980)	30	15	664832	1@1	CP_16QAM	22.05	-1.97	20.08	101.86	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	22.04	-1.97	20.07	101.62	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	20.80	-1.97	18.83	76.38	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	20.72	-1.97	18.75	74.99	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	20.45	-1.97	18.48	70.47	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	20.49	-1.97	18.52	71.12	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	17.81	-1.97	15.84	38.37	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	17.84	-1.97	15.87	38.64	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	17.95	-1.97	15.98	39.63	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	17.95	-1.97	15.98	39.63	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	23.91	-1.97	21.94	156.31	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	24.41	-1.97	22.44	175.39	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	24.27	-1.97	22.30	169.82	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	24.20	-1.97	22.23	167.11	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	23.45	-1.97	21.48	140.60	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	24.41	-1.97	22.44	175.39	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	24.25	-1.97	22.28	169.04	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	24.16	-1.97	22.19	165.58	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	22.40	-1.97	20.43	110.41	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	23.42	-1.97	21.45	139.64	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	23.32	-1.97	21.35	136.46	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	23.22	-1.97	21.25	133.35	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	21.89	-1.97	19.92	98.17	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	21.90	-1.97	19.93	98.40	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	21.66	-1.97	19.69	93.11	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	21.58	-1.97	19.61	91.41	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	20.06	-1.97	18.09	64.42	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	20.01	-1.97	18.04	63.68	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	20.10	-1.97	18.13	65.01	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	20.05	-1.97	18.08	64.27	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	21.34	-1.97	19.37	86.50	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	22.91	-1.97	20.94	124.17	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	22.79	-1.97	20.82	120.78	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	22.71	-1.97	20.74	118.58	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	21.35	-1.97	19.38	86.70	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	22.33	-1.97	20.36	108.64	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	22.24	-1.97	20.27	106.41	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	22.16	-1.97	20.19	104.47	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	21.03	-1.97	19.06	80.54	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	21.02	-1.97	19.05	80.35	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	20.87	-1.97	18.90	77.62	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	20.79	-1.97	18.82	76.21	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	18.01	-1.97	16.04	40.18	1000	PASS

n77(3700-3980)	30	20	647334	25@12	CP_256QAM	17.96	-1.97	15.99	39.72	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	18.13	-1.97	16.16	41.30	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	18.05	-1.97	16.08	40.55	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	23.65	-1.97	21.68	147.23	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	24.18	-1.97	22.21	166.34	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	23.92	-1.97	21.95	156.68	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	24.06	-1.97	22.09	161.81	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	23.17	-1.97	21.20	131.83	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	24.19	-1.97	22.22	166.72	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	23.92	-1.97	21.95	156.68	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	24.05	-1.97	22.08	161.44	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	23.21	-1.97	21.24	133.05	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	23.02	-1.97	21.05	127.35	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	23.15	-1.97	21.18	131.22	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	21.70	-1.97	19.73	93.97	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	21.70	-1.97	19.73	93.97	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	21.56	-1.97	19.59	90.99	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	21.68	-1.97	19.71	93.54	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	19.87	-1.97	17.90	61.66	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	19.86	-1.97	17.89	61.52	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	19.73	-1.97	17.76	59.70	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	19.87	-1.97	17.90	61.66	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	21.15	-1.97	19.18	82.79	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	22.69	-1.97	20.72	118.03	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	22.47	-1.97	20.50	112.20	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	22.61	-1.97	20.64	115.88	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	21.11	-1.97	19.14	82.04	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	22.13	-1.97	20.16	103.75	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	21.86	-1.97	19.89	97.50	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	21.96	-1.97	19.99	99.77	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	20.66	-1.97	18.69	73.96	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	20.70	-1.97	18.73	74.64	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	20.28	-1.97	18.31	67.76	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	20.37	-1.97	18.40	69.18	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	17.77	-1.97	15.80	38.02	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	17.78	-1.97	15.81	38.11	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	17.85	-1.97	15.88	38.73	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	17.98	-1.97	16.01	39.90	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	23.70	-1.97	21.73	148.94	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	24.23	-1.97	22.26	168.27	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	24.02	-1.97	22.05	160.32	1000	PASS

n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	23.22	-1.97	21.25	133.35	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	24.26	-1.97	22.29	169.43	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	23.92	-1.97	21.95	156.68	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	24.00	-1.97	22.03	159.59	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	22.21	-1.97	20.24	105.68	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	23.27	-1.97	21.30	134.90	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	23.05	-1.97	21.08	128.23	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	23.11	-1.97	21.14	130.02	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	21.73	-1.97	19.76	94.62	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	21.75	-1.97	19.78	95.06	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	21.63	-1.97	19.66	92.47	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	19.89	-1.97	17.92	61.94	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	19.88	-1.97	17.91	61.80	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	19.77	-1.97	17.80	60.26	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	19.85	-1.97	17.88	61.38	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	21.17	-1.97	19.20	83.18	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	22.78	-1.97	20.81	120.50	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	22.52	-1.97	20.55	113.50	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	22.58	-1.97	20.61	115.08	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	21.21	-1.97	19.24	83.95	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	22.19	-1.97	20.22	105.20	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	21.87	-1.97	19.90	97.72	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	21.94	-1.97	19.97	99.31	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	20.71	-1.97	18.74	74.82	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	20.72	-1.97	18.75	74.99	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	20.29	-1.97	18.32	67.92	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	20.37	-1.97	18.40	69.18	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	17.80	-1.97	15.83	38.28	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	17.81	-1.97	15.84	38.37	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	17.85	-1.97	15.88	38.73	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	17.93	-1.97	15.96	39.45	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	23.86	-1.97	21.89	154.53	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	24.45	-1.97	22.48	177.01	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	23.86	-1.97	21.89	154.53	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	23.94	-1.97	21.97	157.40	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	23.36	-1.97	21.39	137.72	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	24.45	-1.97	22.48	177.01	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	23.88	-1.97	21.91	155.24	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	23.90	-1.97	21.93	155.96	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	22.35	-1.97	20.38	109.14	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	23.44	-1.97	21.47	140.28	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	22.91	-1.97	20.94	124.17	1000	PASS

n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	22.96	-1.97	20.99	125.60	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	21.85	-1.97	19.88	97.27	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	21.92	-1.97	19.95	98.86	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	21.56	-1.97	19.59	90.99	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	21.60	-1.97	19.63	91.83	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	19.96	-1.97	17.99	62.95	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	20.08	-1.97	18.11	64.71	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	19.67	-1.97	17.70	58.88	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	19.69	-1.97	17.72	59.16	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	21.31	-1.97	19.34	85.90	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	22.94	-1.97	20.97	125.03	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	22.44	-1.97	20.47	111.43	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	22.52	-1.97	20.55	113.50	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	21.32	-1.97	19.35	86.10	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	22.43	-1.97	20.46	111.17	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	21.84	-1.97	19.87	97.05	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	21.92	-1.97	19.95	98.86	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	20.93	-1.97	18.96	78.70	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	20.99	-1.97	19.02	79.80	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	20.46	-1.97	18.49	70.63	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	20.44	-1.97	18.47	70.31	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	17.92	-1.97	15.95	39.36	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	18.03	-1.97	16.06	40.36	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	17.80	-1.97	15.83	38.28	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	17.83	-1.97	15.86	38.55	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	23.61	-1.97	21.64	145.88	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	24.16	-1.97	22.19	165.58	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	23.46	-1.97	21.49	140.93	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	23.81	-1.97	21.84	152.76	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	23.09	-1.97	21.12	129.42	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	24.18	-1.97	22.21	166.34	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	23.43	-1.97	21.46	139.96	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	23.77	-1.97	21.80	151.36	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	22.11	-1.97	20.14	103.28	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	23.17	-1.97	21.20	131.83	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	22.51	-1.97	20.54	113.24	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	22.91	-1.97	20.94	124.17	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	21.59	-1.97	19.62	91.62	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	21.62	-1.97	19.65	92.26	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	20.87	-1.97	18.90	77.62	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	21.23	-1.97	19.26	84.33	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	19.76	-1.97	17.79	60.12	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	19.81	-1.97	17.84	60.81	1000	PASS

n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	19.31	-1.97	17.34	54.20	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	19.75	-1.97	17.78	59.98	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	21.06	-1.97	19.09	81.10	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	22.65	-1.97	20.68	116.95	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	22.00	-1.97	20.03	100.69	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	22.39	-1.97	20.42	110.15	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	21.10	-1.97	19.13	81.85	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	22.14	-1.97	20.17	103.99	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	21.45	-1.97	19.48	88.72	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	21.84	-1.97	19.87	97.05	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	20.57	-1.97	18.60	72.44	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	20.62	-1.97	18.65	73.28	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	19.90	-1.97	17.93	62.09	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	20.32	-1.97	18.35	68.39	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	17.70	-1.97	15.73	37.41	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	17.80	-1.97	15.83	38.28	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	17.32	-1.97	15.35	34.28	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	17.73	-1.97	15.76	37.67	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	23.62	-1.97	21.65	146.22	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	24.20	-1.97	22.23	167.11	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	23.54	-1.97	21.57	143.55	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	23.74	-1.97	21.77	150.31	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	23.13	-1.97	21.16	130.62	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	24.24	-1.97	22.27	168.66	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	23.52	-1.97	21.55	142.89	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	23.68	-1.97	21.71	148.25	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	22.16	-1.97	20.19	104.47	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	23.22	-1.97	21.25	133.35	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	22.66	-1.97	20.69	117.22	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	22.82	-1.97	20.85	121.62	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	21.62	-1.97	19.65	92.26	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	21.67	-1.97	19.70	93.33	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	20.96	-1.97	18.99	79.25	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	21.10	-1.97	19.13	81.85	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	19.73	-1.97	17.76	59.70	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	19.84	-1.97	17.87	61.24	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	19.44	-1.97	17.47	55.85	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	19.55	-1.97	17.58	57.28	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	22.66	-1.97	20.69	117.22	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	22.07	-1.97	20.10	102.33	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	22.18	-1.97	20.21	104.95	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	21.08	-1.97	19.11	81.47	1000	PASS

n77(3700-3980)	30	40	664000	53@26	CP_16QAM	22.16	-1.97	20.19	104.47	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	21.53	-1.97	19.56	90.36	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	21.68	-1.97	19.71	93.54	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	20.54	-1.97	18.57	71.94	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	20.63	-1.97	18.66	73.45	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	19.99	-1.97	18.02	63.39	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	20.13	-1.97	18.16	65.46	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	17.66	-1.97	15.69	37.07	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	17.77	-1.97	15.80	38.02	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	17.43	-1.97	15.46	35.16	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	17.59	-1.97	15.62	36.48	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	23.90	-1.97	21.93	155.96	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	24.50	-1.97	22.53	179.06	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	24.14	-1.97	22.17	164.82	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	24.21	-1.97	22.24	167.49	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	23.40	-1.97	21.43	139.00	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	24.53	-1.97	22.56	180.30	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	24.12	-1.97	22.15	164.06	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	24.19	-1.97	22.22	166.72	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	22.42	-1.97	20.45	110.92	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	23.53	-1.97	21.56	143.22	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	23.19	-1.97	21.22	132.43	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	23.24	-1.97	21.27	133.97	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	21.92	-1.97	19.95	98.86	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	21.97	-1.97	20.00	100.00	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	21.57	-1.97	19.60	91.20	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	21.61	-1.97	19.64	92.04	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	20.04	-1.97	18.07	64.12	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	20.12	-1.97	18.15	65.31	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	20.03	-1.97	18.06	63.97	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	20.07	-1.97	18.10	64.57	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	21.36	-1.97	19.39	86.90	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	22.96	-1.97	20.99	125.60	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	22.74	-1.97	20.77	119.40	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_16QAM	21.40	-1.97	19.43	87.70	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	22.49	-1.97	20.52	112.72	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	22.14	-1.97	20.17	103.99	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	20.99	-1.97	19.02	79.80	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	21.05	-1.97	19.08	80.91	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	20.81	-1.97	18.84	76.56	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	20.84	-1.97	18.87	77.09	1000	PASS

n77(3700-3980)	30	50	648334	133@0	CP_256QAM	18.03	-1.97	16.06	40.36	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	18.08	-1.97	16.11	40.83	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	18.07	-1.97	16.10	40.74	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	18.12	-1.97	16.15	41.21	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	23.62	-1.97	21.65	146.22	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	24.20	-1.97	22.23	167.11	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	23.63	-1.97	21.66	146.55	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	24.14	-1.97	22.17	164.82	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	23.11	-1.97	21.14	130.02	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	24.22	-1.97	22.25	167.88	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	23.62	-1.97	21.65	146.22	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	24.11	-1.97	22.14	163.68	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	22.14	-1.97	20.17	103.99	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	23.23	-1.97	21.26	133.66	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	22.69	-1.97	20.72	118.03	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	23.17	-1.97	21.20	131.83	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	21.62	-1.97	19.65	92.26	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	21.03	-1.97	19.06	80.54	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	21.55	-1.97	19.58	90.78	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	19.78	-1.97	17.81	60.39	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	19.81	-1.97	17.84	60.81	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	19.52	-1.97	17.55	56.89	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	20.04	-1.97	18.07	64.12	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	21.14	-1.97	19.17	82.60	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	22.18	-1.97	20.21	104.95	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	22.64	-1.97	20.67	116.68	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	21.14	-1.97	19.17	82.60	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	22.23	-1.97	20.26	106.17	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	21.64	-1.97	19.67	92.68	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	22.10	-1.97	20.13	103.04	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	20.63	-1.97	18.66	73.45	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	20.68	-1.97	18.71	74.30	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	20.08	-1.97	18.11	64.71	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	20.59	-1.97	18.62	72.78	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	17.79	-1.97	15.82	38.19	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	17.82	-1.97	15.85	38.46	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	17.59	-1.97	15.62	36.48	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	18.03	-1.97	16.06	40.36	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	23.57	-1.97	21.60	144.54	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	24.16	-1.97	22.19	165.58	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	23.71	-1.97	21.74	149.28	1000	PASS

n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	23.90	-1.97	21.93	155.96	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	23.09	-1.97	21.12	129.42	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	24.19	-1.97	22.22	166.72	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	23.64	-1.97	21.67	146.89	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	23.88	-1.97	21.91	155.24	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	22.10	-1.97	20.13	103.04	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	23.21	-1.97	21.24	133.05	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	22.76	-1.97	20.79	119.95	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	23.01	-1.97	21.04	127.06	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	21.58	-1.97	19.61	91.41	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	21.68	-1.97	19.71	93.54	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	21.08	-1.97	19.11	81.47	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	21.27	-1.97	19.30	85.11	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	19.72	-1.97	17.75	59.57	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	19.77	-1.97	17.80	60.26	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	19.56	-1.97	17.59	57.41	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	19.79	-1.97	17.82	60.53	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	21.05	-1.97	19.08	80.91	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	22.63	-1.97	20.66	116.41	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	22.19	-1.97	20.22	105.20	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	22.41	-1.97	20.44	110.66	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_16QAM	21.07	-1.97	19.10	81.28	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	21.92	-1.97	19.95	98.86	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	20.58	-1.97	18.61	72.61	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	20.62	-1.97	18.65	73.28	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	20.13	-1.97	18.16	65.46	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	20.35	-1.97	18.38	68.87	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	17.69	-1.97	15.72	37.33	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	17.74	-1.97	15.77	37.76	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	17.58	-1.97	15.61	36.39	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	17.85	-1.97	15.88	38.73	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	23.84	-1.97	21.87	153.82	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	24.45	-1.97	22.48	177.01	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	23.98	-1.97	22.01	158.85	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	24.11	-1.97	22.14	163.68	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	23.35	-1.97	21.38	137.40	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	24.45	-1.97	22.48	177.01	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	24.06	-1.97	22.09	161.81	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	22.33	-1.97	20.36	108.64	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	23.45	-1.97	21.48	140.60	1000	PASS

n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	23.00	-1.97	21.03	126.77	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	23.13	-1.97	21.16	130.62	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	21.80	-1.97	19.83	96.16	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	21.92	-1.97	19.95	98.86	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	21.35	-1.97	19.38	86.70	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	21.49	-1.97	19.52	89.54	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	19.98	-1.97	18.01	63.24	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	20.06	-1.97	18.09	64.42	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	19.79	-1.97	17.82	60.53	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	19.91	-1.97	17.94	62.23	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	21.30	-1.97	19.33	85.70	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	22.95	-1.97	20.98	125.31	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	22.49	-1.97	20.52	112.72	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	22.62	-1.97	20.65	116.14	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	21.26	-1.97	19.29	84.92	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	22.44	-1.97	20.47	111.43	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	21.96	-1.97	19.99	99.77	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	22.08	-1.97	20.11	102.57	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	20.91	-1.97	18.94	78.34	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	21.06	-1.97	19.09	81.10	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	20.70	-1.97	18.73	74.64	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	20.82	-1.97	18.85	76.74	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	17.93	-1.97	15.96	39.45	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	17.99	-1.97	16.02	39.99	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	17.95	-1.97	15.98	39.63	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	18.05	-1.97	16.08	40.55	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	23.62	-1.97	21.65	146.22	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	24.19	-1.97	22.22	166.72	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	23.50	-1.97	21.53	142.23	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	24.02	-1.97	22.05	160.32	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	23.12	-1.97	21.15	130.32	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	24.23	-1.97	22.26	168.27	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	23.49	-1.97	21.52	141.91	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	23.99	-1.97	22.02	159.22	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	22.11	-1.97	20.14	103.28	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	23.24	-1.97	21.27	133.97	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	22.56	-1.97	20.59	114.55	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	23.07	-1.97	21.10	128.82	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	21.61	-1.97	19.64	92.04	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	21.67	-1.97	19.70	93.33	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	20.91	-1.97	18.94	78.34	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	21.42	-1.97	19.45	88.10	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	19.74	-1.97	17.77	59.84	1000	PASS

n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	19.83	-1.97	17.86	61.09	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	19.45	-1.97	17.48	55.98	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	19.92	-1.97	17.95	62.37	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	22.73	-1.97	20.76	119.12	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	22.05	-1.97	20.08	101.86	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	22.54	-1.97	20.57	114.02	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	21.08	-1.97	19.11	81.47	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	21.52	-1.97	19.55	90.16	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	22.02	-1.97	20.05	101.16	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	20.57	-1.97	18.60	72.44	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	20.67	-1.97	18.70	74.13	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	19.97	-1.97	18.00	63.10	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	20.49	-1.97	18.52	71.12	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	17.72	-1.97	15.75	37.58	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	17.77	-1.97	15.80	38.02	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	17.48	-1.97	15.51	35.56	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	18.02	-1.97	16.05	40.27	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	23.55	-1.97	21.58	143.88	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	24.13	-1.97	22.16	164.44	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	23.56	-1.97	21.59	144.21	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	23.79	-1.97	21.82	152.05	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	23.08	-1.97	21.11	129.12	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	24.15	-1.97	22.18	165.20	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	23.54	-1.97	21.57	143.55	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	23.75	-1.97	21.78	150.66	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	22.06	-1.97	20.09	102.09	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	23.16	-1.97	21.19	131.52	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	22.63	-1.97	20.66	116.41	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	22.85	-1.97	20.88	122.46	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	21.54	-1.97	19.57	90.57	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	21.62	-1.97	19.65	92.26	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	20.94	-1.97	18.97	78.89	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	21.16	-1.97	19.19	82.99	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	19.67	-1.97	17.70	58.88	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	19.72	-1.97	17.75	59.57	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	19.36	-1.97	17.39	54.83	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	19.56	-1.97	17.59	57.41	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	21.01	-1.97	19.04	80.17	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	22.63	-1.97	20.66	116.41	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	22.07	-1.97	20.10	102.33	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	22.29	-1.97	20.32	107.65	1000	PASS

n77(3700-3980)	30	60	663332	162@0	CP_16QAM	21.00	-1.97	19.03	79.98	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	22.11	-1.97	20.14	103.28	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	21.55	-1.97	19.58	90.78	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	21.75	-1.97	19.78	95.06	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	20.51	-1.97	18.54	71.45	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	20.62	-1.97	18.65	73.28	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	20.06	-1.97	18.09	64.42	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	20.29	-1.97	18.32	67.92	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	17.62	-1.97	15.65	36.73	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	17.65	-1.97	15.68	36.98	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	17.51	-1.97	15.54	35.81	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	17.74	-1.97	15.77	37.76	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	24.60	-1.97	22.63	183.23	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	24.01	-1.97	22.04	159.96	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	24.14	-1.97	22.17	164.82	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	23.47	-1.97	21.50	141.25	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	24.57	-1.97	22.60	181.97	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	23.99	-1.97	22.02	159.22	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	24.12	-1.97	22.15	164.06	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	22.46	-1.97	20.49	111.94	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	23.61	-1.97	21.64	145.88	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	23.09	-1.97	21.12	129.42	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	23.23	-1.97	21.26	133.66	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	22.00	-1.97	20.03	100.69	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	22.04	-1.97	20.07	101.62	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	21.37	-1.97	19.40	87.10	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	21.51	-1.97	19.54	89.95	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	20.13	-1.97	18.16	65.46	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	20.22	-1.97	18.25	66.83	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	19.93	-1.97	17.96	62.52	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	20.09	-1.97	18.12	64.86	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	21.41	-1.97	19.44	87.90	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	23.06	-1.97	21.09	128.53	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	22.58	-1.97	20.61	115.08	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	22.76	-1.97	20.79	119.95	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_16QAM	21.38	-1.97	19.41	87.30	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	22.59	-1.97	20.62	115.35	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	21.99	-1.97	20.02	100.46	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	22.15	-1.97	20.18	104.23	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	21.20	-1.97	19.23	83.75	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	20.77	-1.97	18.80	75.86	1000	PASS

n77(3700-3980)	30	70	649000	1@187	CP_64QAM	20.90	-1.97	18.93	78.16	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	18.06	-1.97	16.09	40.64	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	18.21	-1.97	16.24	42.07	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	18.02	-1.97	16.05	40.27	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	18.22	-1.97	16.25	42.17	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	23.60	-1.97	21.63	145.55	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	24.23	-1.97	22.26	168.27	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	23.35	-1.97	21.38	137.40	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	23.94	-1.97	21.97	157.40	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	23.14	-1.97	21.17	130.92	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	24.24	-1.97	22.27	168.66	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	23.35	-1.97	21.38	137.40	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	23.94	-1.97	21.97	157.40	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	22.13	-1.97	20.16	103.75	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	23.24	-1.97	21.27	133.97	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	22.44	-1.97	20.47	111.43	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	23.08	-1.97	21.11	129.12	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	21.63	-1.97	19.66	92.47	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	20.74	-1.97	18.77	75.34	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	21.35	-1.97	19.38	86.70	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	19.80	-1.97	17.83	60.67	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	19.86	-1.97	17.89	61.52	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	19.27	-1.97	17.30	53.70	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	19.88	-1.97	17.91	61.80	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	22.72	-1.97	20.75	118.85	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	21.98	-1.97	20.01	100.23	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	22.54	-1.97	20.57	114.02	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	22.25	-1.97	20.28	106.66	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	21.42	-1.97	19.45	88.10	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_16QAM	21.97	-1.97	20.00	100.00	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	20.62	-1.97	18.65	73.28	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	20.68	-1.97	18.71	74.30	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	19.84	-1.97	17.87	61.24	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	20.39	-1.97	18.42	69.50	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	17.77	-1.97	15.80	38.02	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	17.85	-1.97	15.88	38.73	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	17.45	-1.97	15.48	35.32	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	18.03	-1.97	16.06	40.36	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	23.59	-1.97	21.62	145.21	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	24.20	-1.97	22.23	167.11	1000	PASS

n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	23.50	-1.97	21.53	142.23	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	23.74	-1.97	21.77	150.31	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	23.09	-1.97	21.12	129.42	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	24.23	-1.97	22.26	168.27	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	23.46	-1.97	21.49	140.93	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	23.67	-1.97	21.70	147.91	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	22.08	-1.97	20.11	102.57	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	23.23	-1.97	21.26	133.66	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	22.58	-1.97	20.61	115.08	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	22.84	-1.97	20.87	122.18	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	21.59	-1.97	19.62	91.62	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	21.66	-1.97	19.69	93.11	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	20.86	-1.97	18.89	77.45	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	21.07	-1.97	19.10	81.28	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	19.73	-1.97	17.76	59.70	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	19.80	-1.97	17.83	60.67	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	19.46	-1.97	17.49	56.10	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	19.67	-1.97	17.70	58.88	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	21.06	-1.97	19.09	81.10	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	22.73	-1.97	20.76	119.12	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	22.04	-1.97	20.07	101.62	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	22.35	-1.97	20.38	109.14	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_16QAM	21.05	-1.97	19.08	80.91	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	22.19	-1.97	20.22	105.20	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	21.49	-1.97	19.52	89.54	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	21.74	-1.97	19.77	94.84	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	20.56	-1.97	18.59	72.28	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	20.71	-1.97	18.74	74.82	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	19.94	-1.97	17.97	62.66	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	20.19	-1.97	18.22	66.37	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	17.71	-1.97	15.74	37.50	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	17.82	-1.97	15.85	38.46	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	17.55	-1.97	15.58	36.14	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	17.78	-1.97	15.81	38.11	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	23.92	-1.97	21.95	156.68	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	24.59	-1.97	22.62	182.81	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	23.85	-1.97	21.88	154.17	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	24.08	-1.97	22.11	162.55	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	23.45	-1.97	21.48	140.60	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	24.59	-1.97	22.62	182.81	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	23.81	-1.97	21.84	152.76	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	24.04	-1.97	22.07	161.06	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	22.44	-1.97	20.47	111.43	1000	PASS

n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	23.62	-1.97	21.65	146.22	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	22.87	-1.97	20.90	123.03	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	23.10	-1.97	21.13	129.72	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	21.90	-1.97	19.93	98.40	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	22.03	-1.97	20.06	101.39	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	21.31	-1.97	19.34	85.90	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	21.54	-1.97	19.57	90.57	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	20.13	-1.97	18.16	65.46	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	20.25	-1.97	18.28	67.30	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	19.73	-1.97	17.76	59.70	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	19.94	-1.97	17.97	62.66	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	21.38	-1.97	19.41	87.30	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	23.06	-1.97	21.09	128.53	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	22.35	-1.97	20.38	109.14	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	22.55	-1.97	20.58	114.29	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	21.40	-1.97	19.43	87.70	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	22.57	-1.97	20.60	114.82	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	21.83	-1.97	19.86	96.83	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	22.05	-1.97	20.08	101.86	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	21.10	-1.97	19.13	81.85	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	21.19	-1.97	19.22	83.56	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_64QAM	20.66	-1.97	18.69	73.96	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	20.58	-1.97	18.61	72.61	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	18.07	-1.97	16.10	40.74	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	18.15	-1.97	16.18	41.50	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	17.84	-1.97	15.87	38.64	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	18.10	-1.97	16.13	41.02	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	23.56	-1.97	21.59	144.21	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	24.22	-1.97	22.25	167.88	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	23.19	-1.97	21.22	132.43	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	23.89	-1.97	21.92	155.60	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	23.07	-1.97	21.10	128.82	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	24.25	-1.97	22.28	169.04	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	23.18	-1.97	21.21	132.13	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	23.87	-1.97	21.90	154.88	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	22.09	-1.97	20.12	102.80	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	23.25	-1.97	21.28	134.28	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	22.22	-1.97	20.25	105.93	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	22.93	-1.97	20.96	124.74	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	21.57	-1.97	19.60	91.20	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	21.69	-1.97	19.72	93.76	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	20.93	-1.97	18.96	78.70	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	21.63	-1.97	19.66	92.47	1000	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	19.77	-1.97	17.80	60.26	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	19.91	-1.97	17.94	62.23	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	19.04	-1.97	17.07	50.93	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	19.74	-1.97	17.77	59.84	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	21.03	-1.97	19.06	80.54	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	21.83	-1.97	19.86	96.83	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	22.49	-1.97	20.52	112.72	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	21.07	-1.97	19.10	81.28	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	22.21	-1.97	20.24	105.68	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	21.08	-1.97	19.11	81.47	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	21.75	-1.97	19.78	95.06	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	20.55	-1.97	18.58	72.11	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	20.66	-1.97	18.69	73.96	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	19.52	-1.97	17.55	56.89	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	20.19	-1.97	18.22	66.37	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	17.72	-1.97	15.75	37.58	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	17.82	-1.97	15.85	38.46	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	17.31	-1.97	15.34	34.20	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	17.99	-1.97	16.02	39.99	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	23.52	-1.97	21.55	142.89	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	24.19	-1.97	22.22	166.72	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	23.29	-1.97	21.32	135.52	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	23.58	-1.97	21.61	144.88	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	23.07	-1.97	21.10	128.82	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	24.23	-1.97	22.26	168.27	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	23.27	-1.97	21.30	134.90	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	23.57	-1.97	21.60	144.54	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	22.06	-1.97	20.09	102.09	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	23.24	-1.97	21.27	133.97	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	22.35	-1.97	20.38	109.14	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	21.54	-1.97	19.57	90.57	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	21.67	-1.97	19.70	93.33	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	21.04	-1.97	19.07	80.72	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	21.35	-1.97	19.38	86.70	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	19.71	-1.97	17.74	59.43	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	19.82	-1.97	17.85	60.95	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	19.10	-1.97	17.13	51.64	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	19.39	-1.97	17.42	55.21	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	21.00	-1.97	19.03	79.98	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	22.65	-1.97	20.68	116.95	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	21.89	-1.97	19.92	98.17	1000	PASS

n77(3700-3980)	30	80	662666	1@215	CP_QPSK	22.20	-1.97	20.23	105.44	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	21.03	-1.97	19.06	80.54	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	21.14	-1.97	19.17	82.60	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	21.44	-1.97	19.47	88.51	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	20.52	-1.97	18.55	71.61	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	20.65	-1.97	18.68	73.79	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	19.65	-1.97	17.68	58.61	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	19.96	-1.97	17.99	62.95	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	17.68	-1.97	15.71	37.24	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_256QAM	17.74	-1.97	15.77	37.76	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	17.43	-1.97	15.46	35.16	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	17.69	-1.97	15.72	37.33	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	23.96	-1.97	21.99	158.12	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	24.58	-1.97	22.61	182.39	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	23.70	-1.97	21.73	148.94	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	24.08	-1.97	22.11	162.55	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	23.48	-1.97	21.51	141.58	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	24.60	-1.97	22.63	183.23	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	23.69	-1.97	21.72	148.59	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	24.06	-1.97	22.09	161.81	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	22.47	-1.97	20.50	112.20	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	23.61	-1.97	21.64	145.88	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	22.76	-1.97	20.79	119.95	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	23.12	-1.97	21.15	130.32	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	21.94	-1.97	19.97	99.31	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	22.07	-1.97	20.10	102.33	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	21.22	-1.97	19.25	84.14	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	21.49	-1.97	19.52	89.54	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	20.14	-1.97	18.17	65.61	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	20.22	-1.97	18.25	66.83	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	19.73	-1.97	17.76	59.70	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	20.12	-1.97	18.15	65.31	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	21.41	-1.97	19.44	87.90	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	23.07	-1.97	21.10	128.82	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	22.24	-1.97	20.27	106.41	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	22.60	-1.97	20.63	115.61	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_16QAM	21.41	-1.97	19.44	87.90	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	22.56	-1.97	20.59	114.55	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	21.67	-1.97	19.70	93.33	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	22.03	-1.97	20.06	101.39	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	21.11	-1.97	19.14	82.04	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	21.19	-1.97	19.22	83.56	1000	PASS

n77(3700-3980)	30	90	649668	1@1	CP_64QAM	20.48	-1.97	18.51	70.96	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	20.46	-1.97	18.49	70.63	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	18.09	-1.97	16.12	40.93	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	18.18	-1.97	16.21	41.78	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	17.74	-1.97	15.77	37.76	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	18.09	-1.97	16.12	40.93	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	23.55	-1.97	21.58	143.88	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	24.18	-1.97	22.21	166.34	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	22.98	-1.97	21.01	126.18	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	23.78	-1.97	21.81	151.71	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	23.05	-1.97	21.08	128.23	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	24.21	-1.97	22.24	167.49	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	22.96	-1.97	20.99	125.60	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	23.75	-1.97	21.78	150.66	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	22.06	-1.97	20.09	102.09	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	23.21	-1.97	21.24	133.05	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	22.04	-1.97	20.07	101.62	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	22.83	-1.97	20.86	121.90	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	21.54	-1.97	19.57	90.57	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	21.68	-1.97	19.71	93.54	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	20.35	-1.97	18.38	68.87	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	21.18	-1.97	19.21	83.37	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	19.74	-1.97	17.77	59.84	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	19.82	-1.97	17.85	60.95	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	19.00	-1.97	17.03	50.47	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	19.82	-1.97	17.85	60.95	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	20.99	-1.97	19.02	79.80	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	21.54	-1.97	19.57	90.57	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	22.28	-1.97	20.31	107.40	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	21.01	-1.97	19.04	80.17	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	22.18	-1.97	20.21	104.95	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	20.98	-1.97	19.01	79.62	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	21.74	-1.97	19.77	94.84	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	20.50	-1.97	18.53	71.29	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	20.60	-1.97	18.63	72.95	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	19.40	-1.97	17.43	55.34	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	20.16	-1.97	18.19	65.92	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	17.67	-1.97	15.70	37.15	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	17.79	-1.97	15.82	38.19	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	17.05	-1.97	15.08	32.21	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	17.83	-1.97	15.86	38.55	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	23.60	-1.97	21.63	145.55	1000	PASS

n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	24.30	-1.97	22.33	171.00	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	23.23	-1.97	21.26	133.66	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	23.59	-1.97	21.62	145.21	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	23.11	-1.97	21.14	130.02	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	24.31	-1.97	22.34	171.40	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	23.19	-1.97	21.22	132.43	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	23.57	-1.97	21.60	144.54	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	22.12	-1.97	20.15	103.51	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	23.30	-1.97	21.33	135.83	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	22.35	-1.97	20.38	109.14	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	22.71	-1.97	20.74	118.58	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	21.61	-1.97	19.64	92.04	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	21.79	-1.97	19.82	95.94	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	20.65	-1.97	18.68	73.79	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	20.99	-1.97	19.02	79.80	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	19.76	-1.97	17.79	60.12	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	19.88	-1.97	17.91	61.80	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	19.13	-1.97	17.16	52.00	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	19.45	-1.97	17.48	55.98	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	22.75	-1.97	20.78	119.67	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	21.71	-1.97	19.74	94.19	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_16QAM	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	22.26	-1.97	20.29	106.91	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	21.13	-1.97	19.16	82.41	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	21.52	-1.97	19.55	90.16	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	20.59	-1.97	18.62	72.78	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	20.69	-1.97	18.72	74.47	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	19.67	-1.97	17.70	58.88	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	20.06	-1.97	18.09	64.42	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	17.74	-1.97	15.77	37.76	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	17.83	-1.97	15.86	38.55	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	17.22	-1.97	15.25	33.50	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	17.62	-1.97	15.65	36.73	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	23.90	-1.97	21.93	155.96	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	24.57	-1.97	22.60	181.97	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	23.56	-1.97	21.59	144.21	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	23.97	-1.97	22.00	158.49	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	23.39	-1.97	21.42	138.68	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	24.56	-1.97	22.59	181.55	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	23.53	-1.97	21.56	143.22	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	23.95	-1.97	21.98	157.76	1000	PASS

n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	22.39	-1.97	20.42	110.15	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	23.57	-1.97	21.60	144.54	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	22.68	-1.97	20.71	117.76	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	23.09	-1.97	21.12	129.42	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	21.87	-1.97	19.90	97.72	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	22.07	-1.97	20.10	102.33	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	20.97	-1.97	19.00	79.43	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	21.39	-1.97	19.42	87.50	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	20.11	-1.97	18.14	65.16	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	20.24	-1.97	18.27	67.14	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	19.52	-1.97	17.55	56.89	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	19.98	-1.97	18.01	63.24	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	21.41	-1.97	19.44	87.90	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	23.10	-1.97	21.13	129.72	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	22.09	-1.97	20.12	102.80	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	22.50	-1.97	20.53	112.98	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	21.38	-1.97	19.41	87.30	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	22.61	-1.97	20.64	115.88	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	21.44	-1.97	19.47	88.51	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	21.89	-1.97	19.92	98.17	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	21.10	-1.97	19.13	81.85	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	21.25	-1.97	19.28	84.72	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	20.38	-1.97	18.41	69.34	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	20.41	-1.97	18.44	69.82	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	18.09	-1.97	16.12	40.93	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	18.23	-1.97	16.26	42.27	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	17.61	-1.97	15.64	36.64	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	18.07	-1.97	16.10	40.74	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	23.48	-1.97	21.51	141.58	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	24.19	-1.97	22.22	166.72	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	22.75	-1.97	20.78	119.67	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	23.62	-1.97	21.65	146.22	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	23.00	-1.97	21.03	126.77	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	24.21	-1.97	22.24	167.49	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	22.73	-1.97	20.76	119.12	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	23.58	-1.97	21.61	144.88	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	21.99	-1.97	20.02	100.46	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	23.20	-1.97	21.23	132.74	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	21.83	-1.97	19.86	96.83	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	22.71	-1.97	20.74	118.58	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	21.47	-1.97	19.50	89.13	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	21.66	-1.97	19.69	93.11	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	20.26	-1.97	18.29	67.45	1000	PASS

n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	21.12	-1.97	19.15	82.22	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	19.72	-1.97	17.75	59.57	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	19.85	-1.97	17.88	61.38	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	18.89	-1.97	16.92	49.20	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	19.77	-1.97	17.80	60.26	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	20.97	-1.97	19.00	79.43	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	22.69	-1.97	20.72	118.03	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	21.33	-1.97	19.36	86.30	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	22.16	-1.97	20.19	104.47	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	20.95	-1.97	18.98	79.07	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	22.21	-1.97	20.24	105.68	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	20.77	-1.97	18.80	75.86	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	21.60	-1.97	19.63	91.83	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	20.43	-1.97	18.46	70.15	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	20.66	-1.97	18.69	73.96	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	19.18	-1.97	17.21	52.60	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	20.04	-1.97	18.07	64.12	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	17.63	-1.97	15.66	36.81	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	17.80	-1.97	15.83	38.28	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	16.88	-1.97	14.91	30.97	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	17.73	-1.97	15.76	37.67	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	23.57	-1.97	21.60	144.54	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	24.34	-1.97	22.37	172.58	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	23.04	-1.97	21.07	127.94	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	23.51	-1.97	21.54	142.56	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	23.12	-1.97	21.15	130.32	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	24.35	-1.97	22.38	172.98	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	23.04	-1.97	21.07	127.94	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	23.49	-1.97	21.52	141.91	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	22.09	-1.97	20.12	102.80	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	23.34	-1.97	21.37	137.09	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	22.17	-1.97	20.20	104.71	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	22.64	-1.97	20.67	116.68	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	21.58	-1.97	19.61	91.41	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	21.79	-1.97	19.82	95.94	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	20.46	-1.97	18.49	70.63	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	20.92	-1.97	18.95	78.52	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	19.79	-1.97	17.82	60.53	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	19.96	-1.97	17.99	62.95	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	19.01	-1.97	17.04	50.58	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	19.46	-1.97	17.49	56.10	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	22.84	-1.97	20.87	122.18	1000	PASS

n77(3700-3980)	30	100	662000	1@1	CP_QPSK	21.52	-1.97	19.55	90.16	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	21.99	-1.97	20.02	100.46	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	21.09	-1.97	19.12	81.66	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	22.33	-1.97	20.36	108.64	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	20.99	-1.97	19.02	79.80	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	21.49	-1.97	19.52	89.54	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	20.56	-1.97	18.59	72.28	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	20.80	-1.97	18.83	76.38	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	19.52	-1.97	17.55	56.89	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	20.01	-1.97	18.04	63.68	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	17.74	-1.97	15.77	37.76	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	17.92	-1.97	15.95	39.36	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	17.07	-1.97	15.10	32.36	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	17.54	-1.97	15.57	36.06	1000	PASS

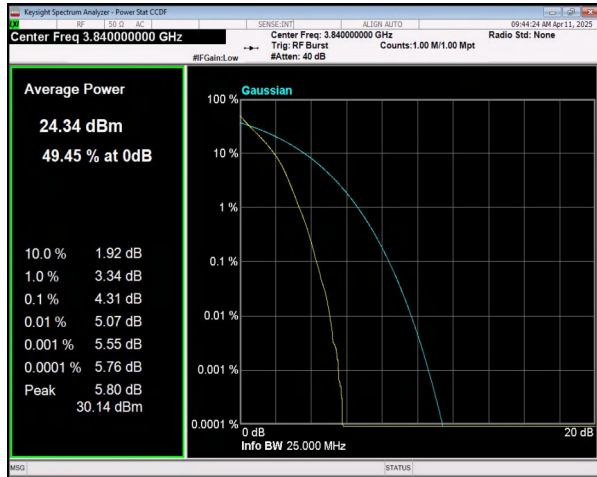
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-9.6	-0.0025	PASS
20	3.27	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.2	-0.00083	PASS
20	4.4	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	0.5	0.00013	PASS
-30	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-12	-0.00313	PASS
-20	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1	-0.00026	PASS
-10	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-0.9	-0.00023	PASS
0	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.2	-0.00031	PASS
10	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-0.5	-0.00013	PASS
30	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3	-0.00078	PASS
40	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-2.5	-0.00065	PASS
50	3.85	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	0	0	PASS

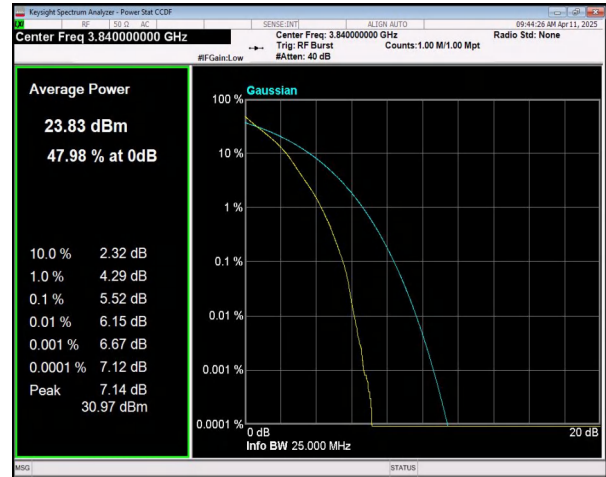
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

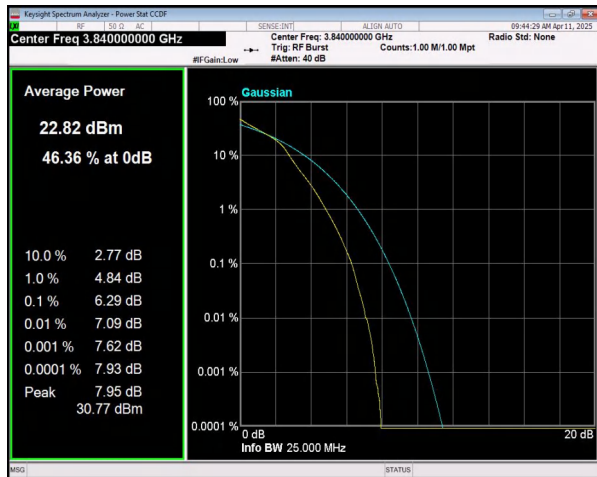
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.31	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.52	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.29	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.39	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.55	13	PASS



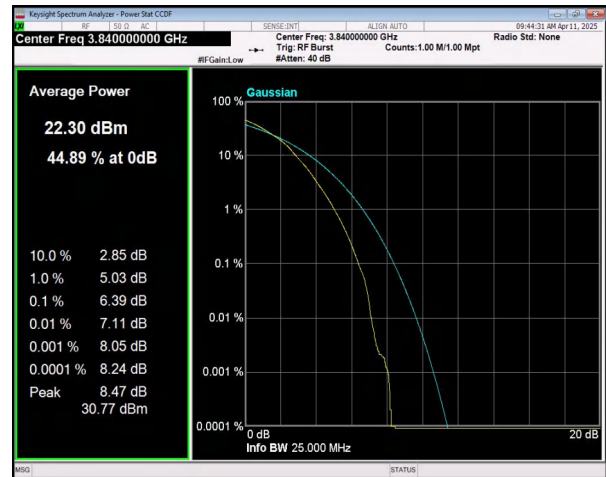
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



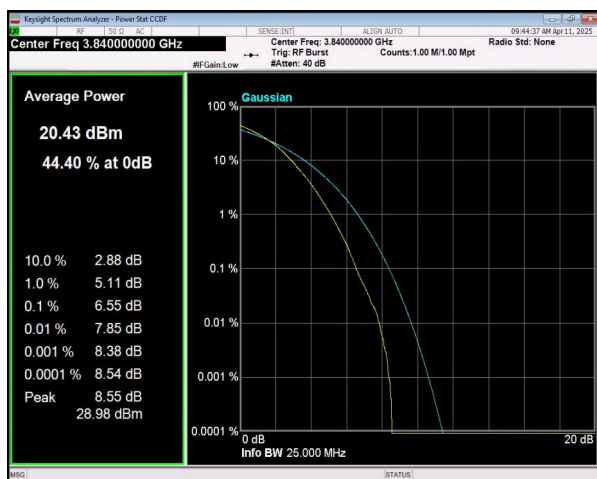
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz
Channel=656000 RB=50@0



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

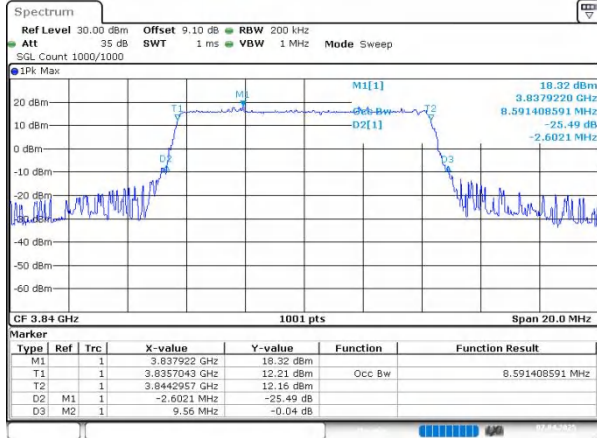


n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
Channel=656000 RB=50@0

4. Occupied Bandwidth

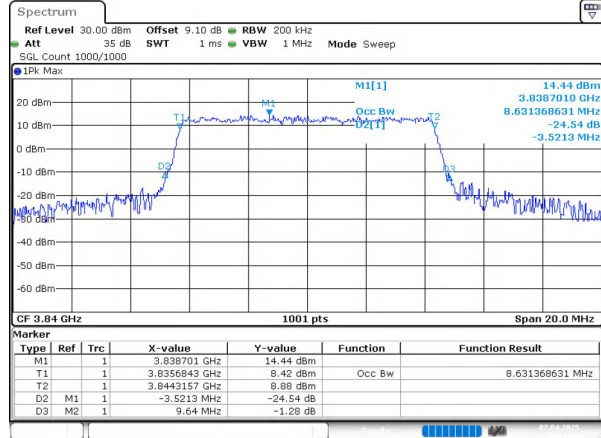
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	656000	3840	24@0	DFT_BPSK	8.591	9.560	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_QPSK	8.631	9.640	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_16QAM	8.631	9.560	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_64QAM	8.631	10.240	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_256QAM	8.631	9.740	PASS
n77(3700-3980)	30	15	656000	3840	36@0	DFT_BPSK	12.977	14.190	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_QPSK	13.636	15.990	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_16QAM	13.666	14.820	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_64QAM	13.636	14.760	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_256QAM	13.696	14.790	PASS
n77(3700-3980)	30	20	656000	3840	50@0	DFT_BPSK	17.982	19.440	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_QPSK	18.302	19.920	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_16QAM	18.342	19.880	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_64QAM	18.382	20.480	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_256QAM	18.302	20.280	PASS
n77(3700-3980)	30	40	656000	3840	100@0	DFT_BPSK	35.964	38.480	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_QPSK	38.122	40.560	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_16QAM	38.122	40.240	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_64QAM	38.042	40.240	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_256QAM	38.042	40.640	PASS
n77(3700-3980)	30	50	656000	3840	128@0	DFT_BPSK	45.854	49.100	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_QPSK	47.552	50.200	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_16QAM	47.652	50.900	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_64QAM	47.652	50.600	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_256QAM	47.652	50.800	PASS
n77(3700-3980)	30	60	656000	3840	162@0	DFT_BPSK	58.621	63.120	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_QPSK	58.501	62.640	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_16QAM	58.382	62.640	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_64QAM	58.382	62.760	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_256QAM	58.382	63.840	PASS
n77(3700-3980)	30	70	656000	3840	180@0	DFT_BPSK	64.755	70.000	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_QPSK	67.972	72.800	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_16QAM	67.972	72.660	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_64QAM	67.972	73.220	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_256QAM	68.112	73.220	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	77.682	82.560	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_16QAM	77.842	82.400	PASS

n77(3700-3980)	30	80	656000	3840	217@0	CP_64QAM	77.842	82.720	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_256QAM	77.842	83.680	PASS
n77(3700-3980)	30	90	656000	3840	243@0	DFT_BPSK	87.033	91.800	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	87.572	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_64QAM	87.572	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_256QAM	87.752	93.060	PASS
n77(3700-3980)	30	100	656000	3840	270@0	DFT_BPSK	96.503	101.600	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_QPSK	97.502	102.600	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	97.702	102.600	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_256QAM	97.303	103.000	PASS



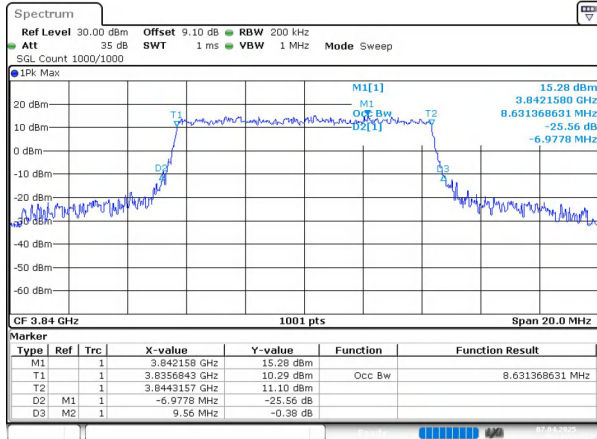
Date: 7.APR.2025 13:17:19

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



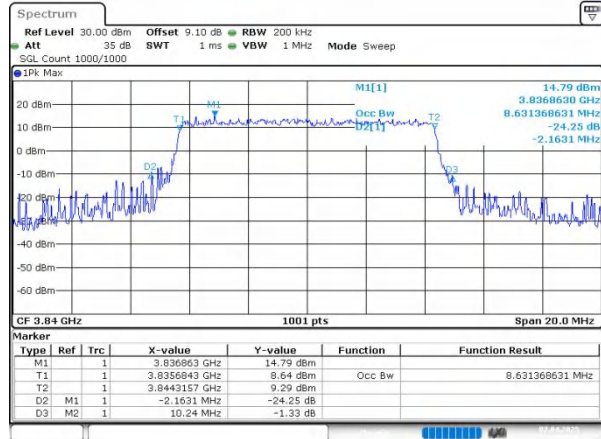
Date: 7.APR.2025 13:17:38

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



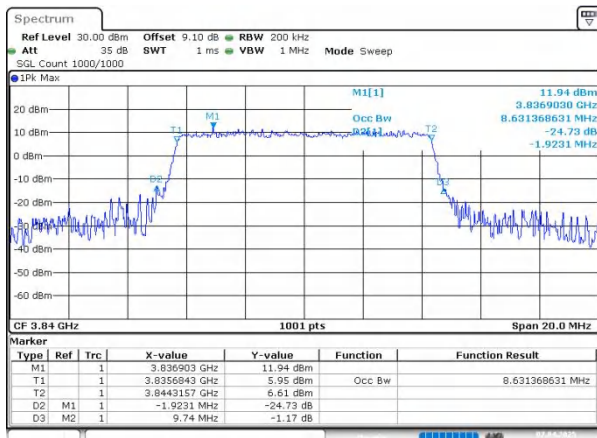
Date: 7.APR.2025 13:17:55

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



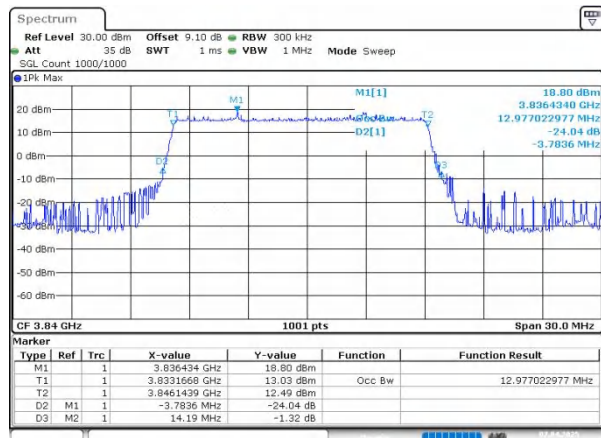
Date: 7.APR.2025 13:18:12

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



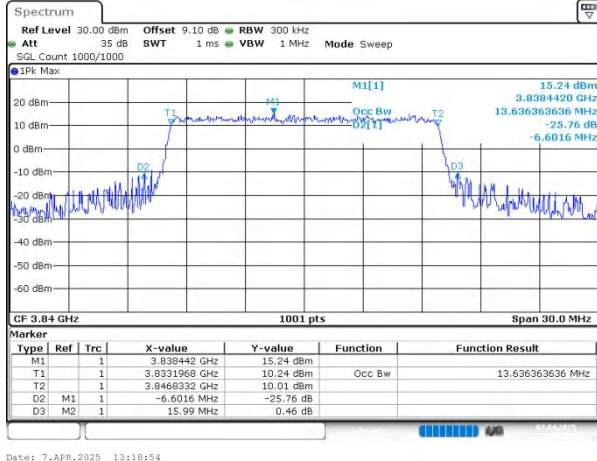
Date: 7.APR.2025 13:18:31

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

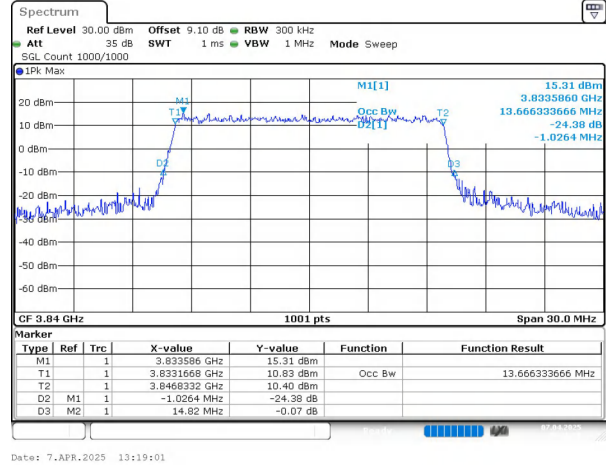


Date: 7.APR.2025 13:18:45

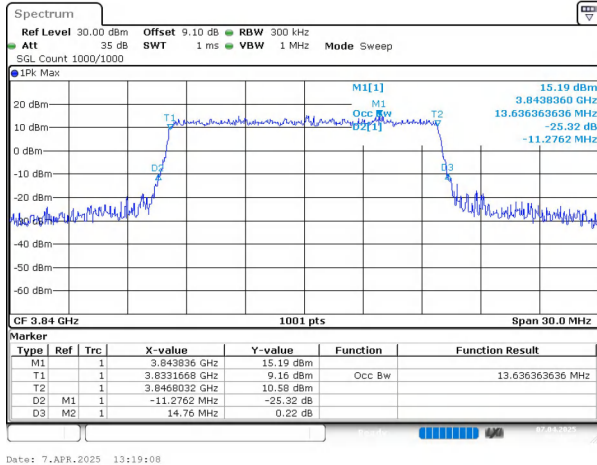
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
Channel=656000 RB=36@0



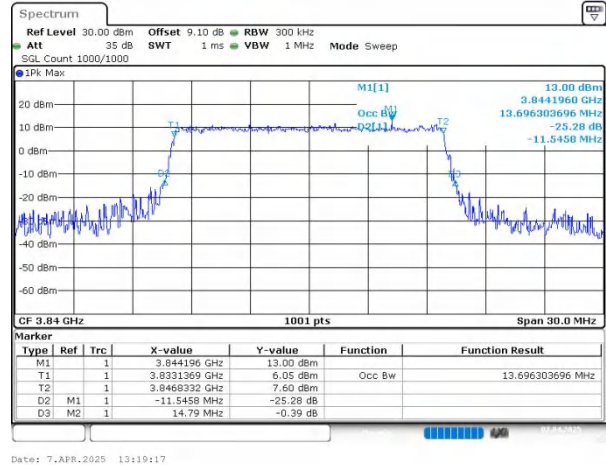
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
Channel=656000 RB=38@0



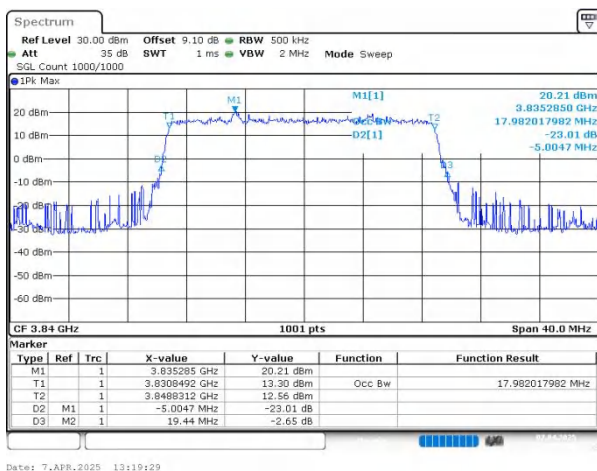
n77(3700-3980) SCS=30kHz CP_16QAM BW=15MHz
Channel=656000 RB=38@0



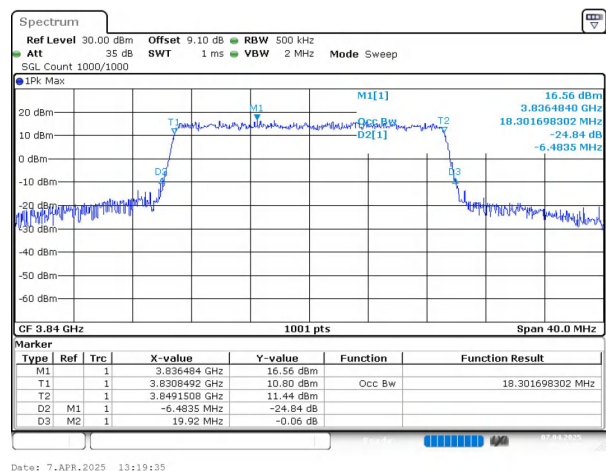
n77(3700-3980) SCS=30kHz CP_64QAM BW=15MHz
Channel=656000 RB=38@0



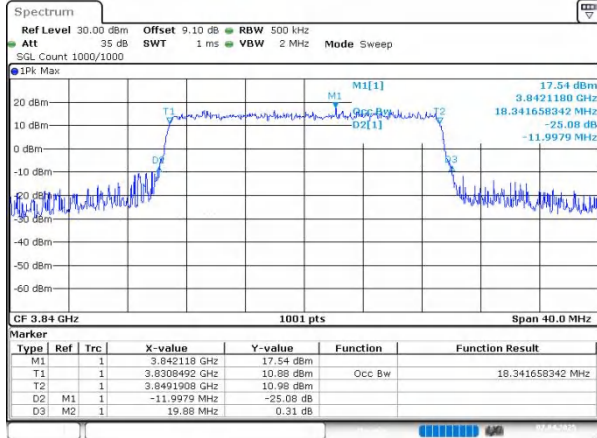
n77(3700-3980) SCS=30kHz CP_256QAM BW=15MHz
Channel=656000 RB=38@0



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

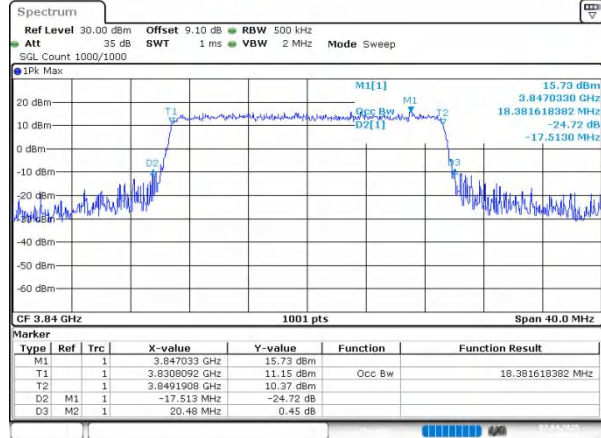


n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz
Channel=656000 RB=51@0



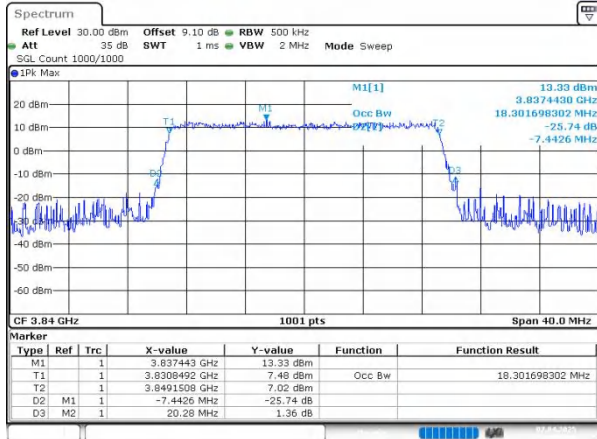
Date: 7.APR.2025 13:19:40

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



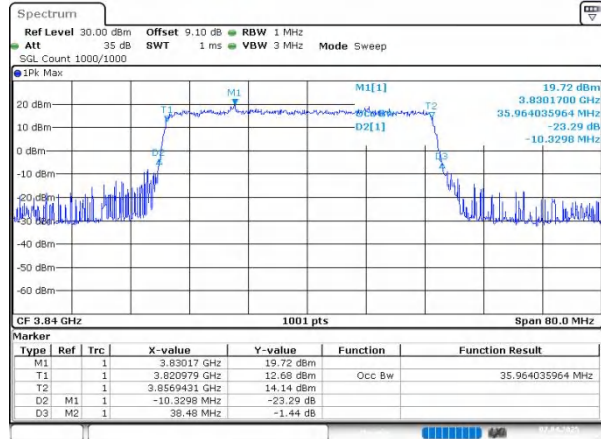
Date: 7.APR.2025 13:19:44

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



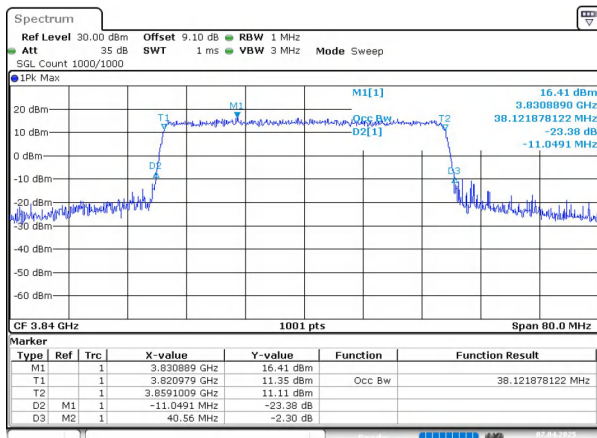
Date: 7.APR.2025 13:19:50

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



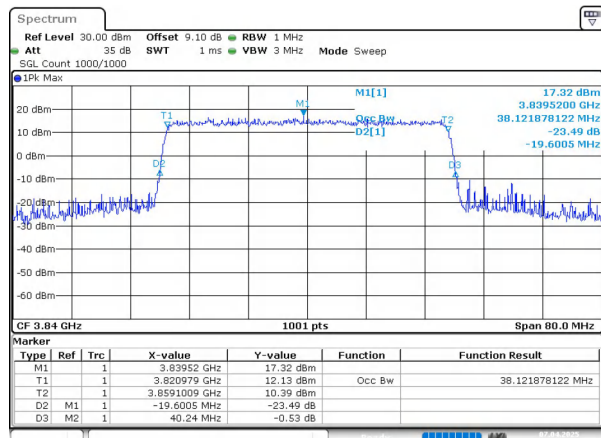
Date: 7.APR.2025 13:20:02

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



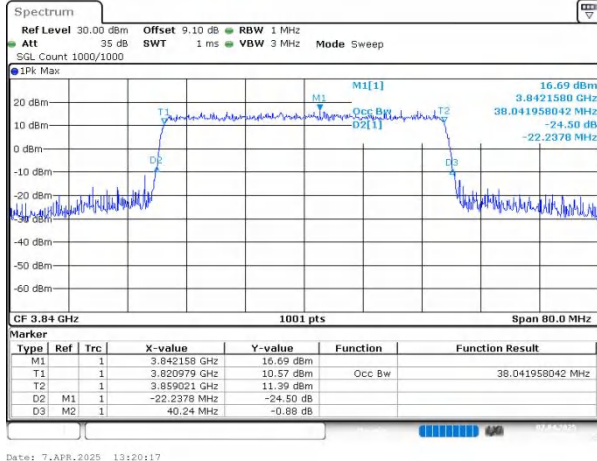
Date: 7.APR.2025 13:20:09

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



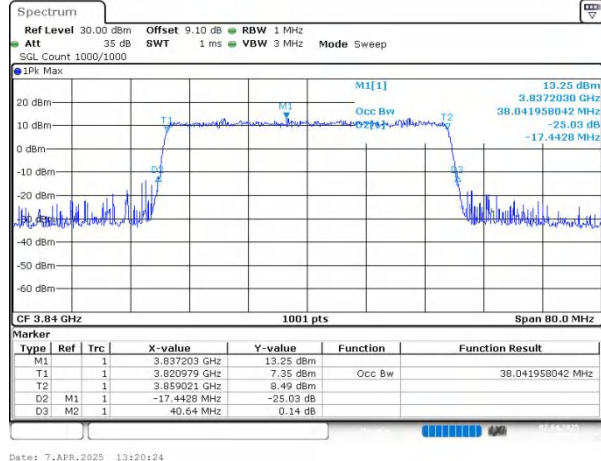
Date: 7.APR.2025 13:20:13

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



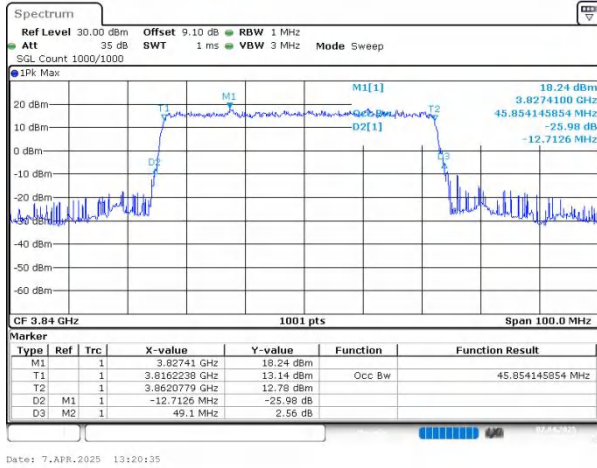
n77(3700-3980) SCS=30kHz CP_64QAM BW=40MHz

Channel=656000 RB=106@0



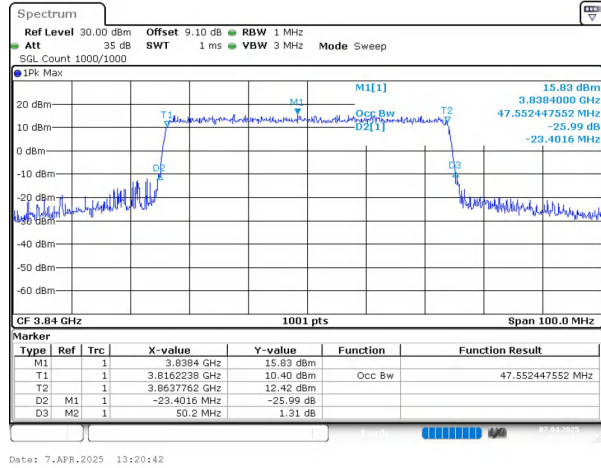
n77(3700-3980) SCS=30kHz CP_256QAM BW=40MHz

Channel=656000 RB=106@0



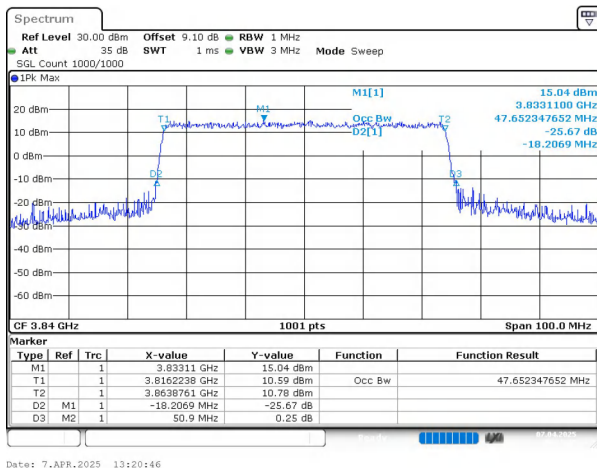
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz

Channel=656000 RB=128@0



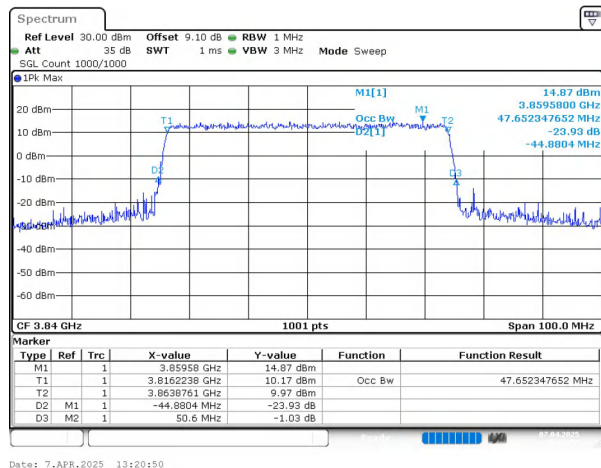
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz

Channel=656000 RB=133@0



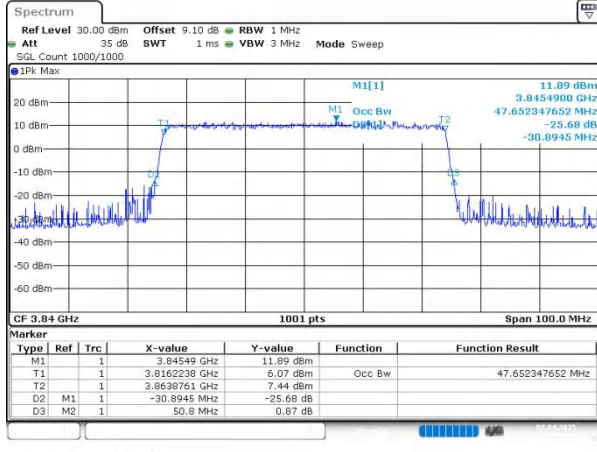
n77(3700-3980) SCS=30kHz CP_16QAM BW=50MHz

Channel=656000 RB=133@0

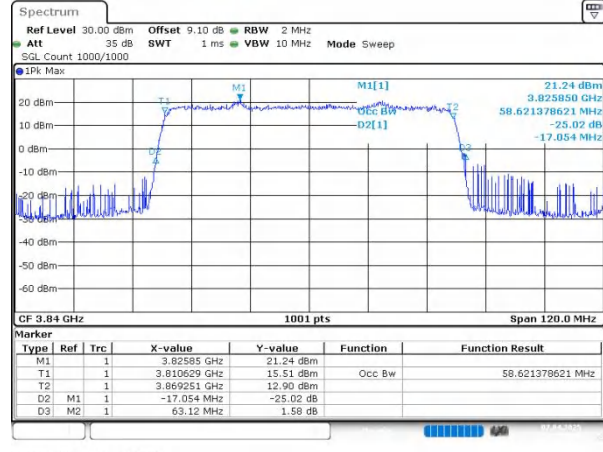


n77(3700-3980) SCS=30kHz CP_64QAM BW=50MHz

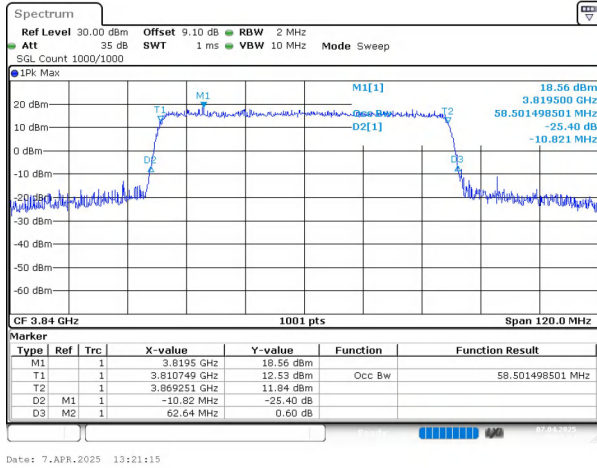
Channel=656000 RB=133@0



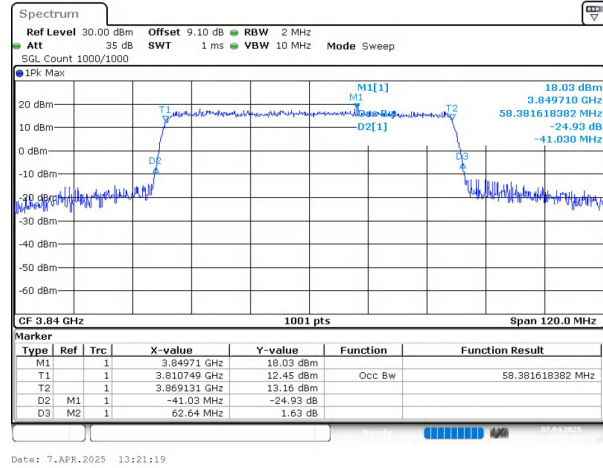
n77(3700-3980) SCS=30kHz CP_256QAM BW=50MHz
Channel=656000 RB=133@0



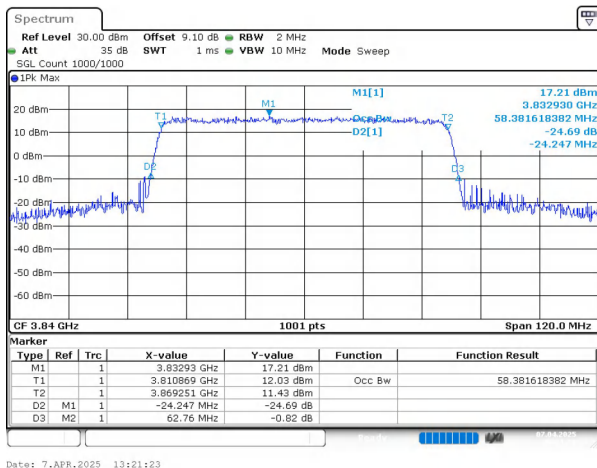
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
Channel=656000 RB=162@0



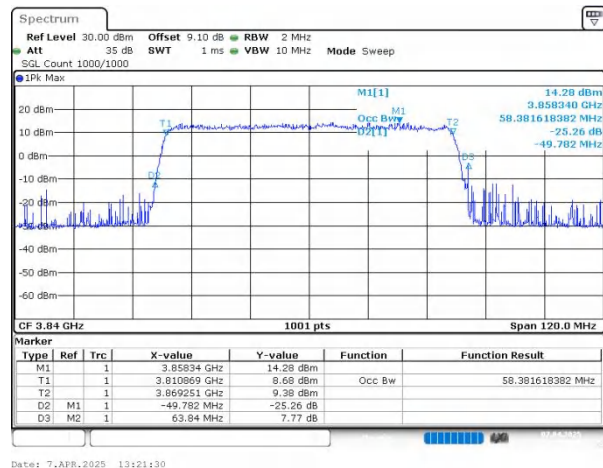
n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz
Channel=656000 RB=162@0



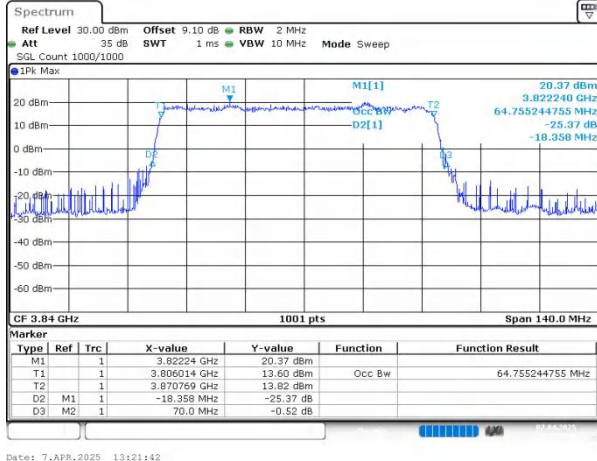
n77(3700-3980) SCS=30kHz CP_16QAM BW=60MHz
Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz CP_64QAM BW=60MHz
Channel=656000 RB=162@0



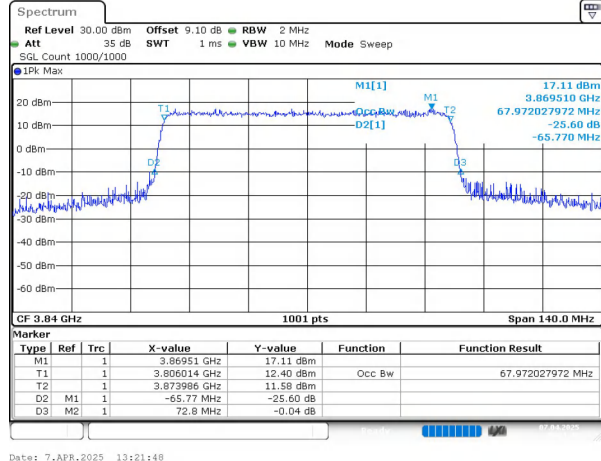
n77(3700-3980) SCS=30kHz CP_256QAM BW=60MHz
Channel=656000 RB=162@0



Date: 7.APR.2025 13:21:42

n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz

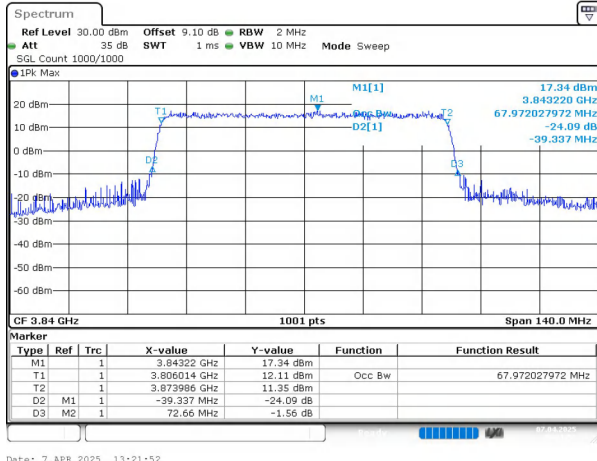
Channel=656000 RB=180@0



Date: 7.APR.2025 13:21:48

n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz

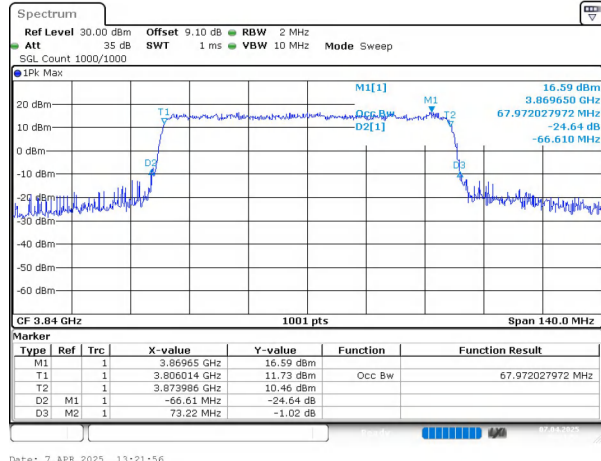
Channel=656000 RB=189@0



Date: 7.APR.2025 13:21:52

n77(3700-3980) SCS=30kHz CP_16QAM BW=70MHz

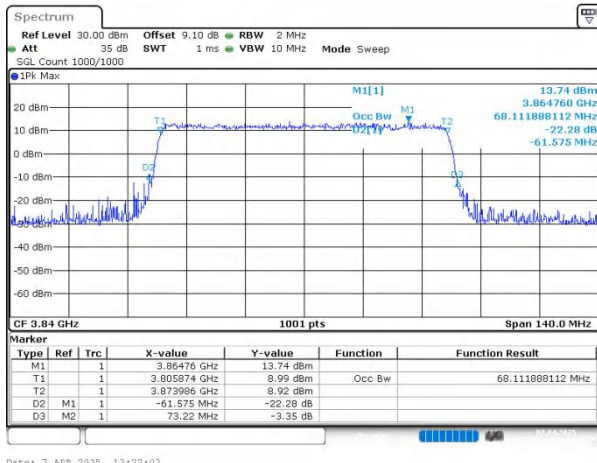
Channel=656000 RB=189@0



Date: 7.APR.2025 13:21:56

n77(3700-3980) SCS=30kHz CP_64QAM BW=70MHz

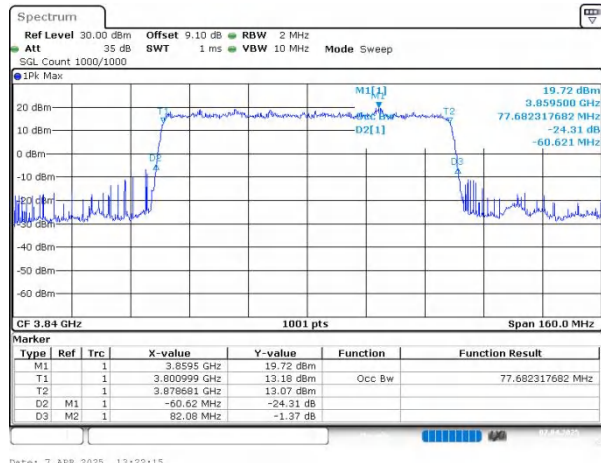
Channel=656000 RB=189@0



Date: 7.APR.2025 13:22:03

n77(3700-3980) SCS=30kHz CP_256QAM BW=70MHz

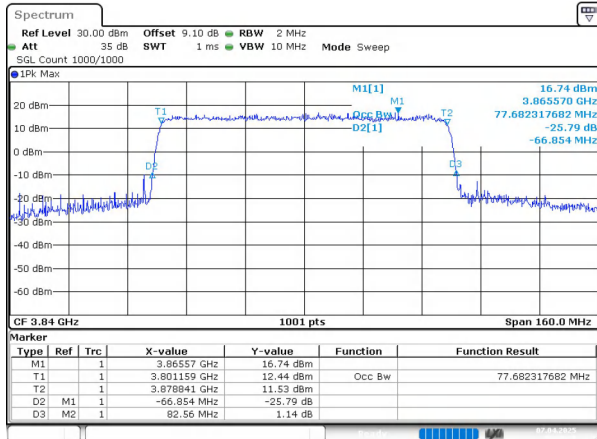
Channel=656000 RB=189@0



Date: 7.APR.2025 13:22:15

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

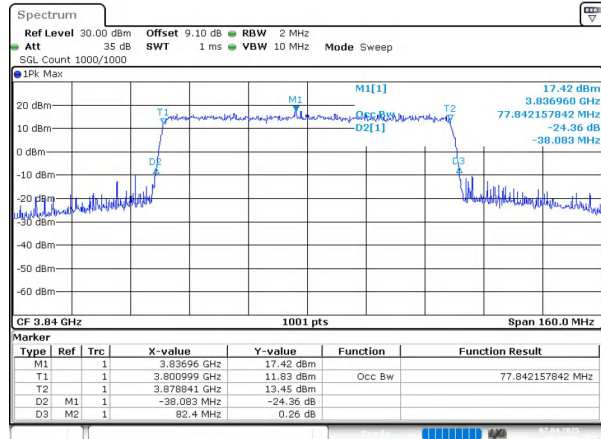
Channel=656000 RB=216@0



Date: 7.APR.2025 13:22:21

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

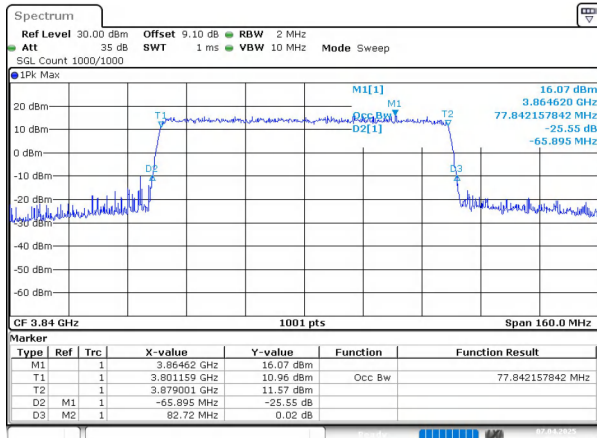
Channel=656000 RB=217@0



Date: 7.APR.2025 13:22:25

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

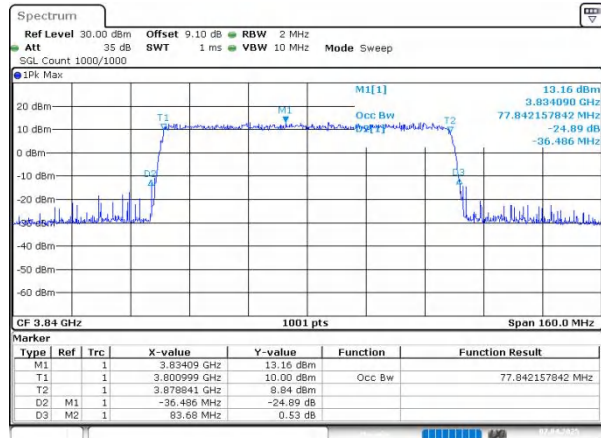
Channel=656000 RB=217@0



Date: 7.APR.2025 13:22:30

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

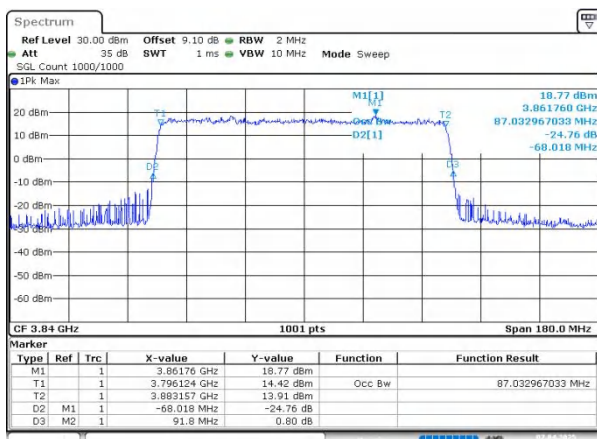
Channel=656000 RB=217@0



Date: 7.APR.2025 13:22:36

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

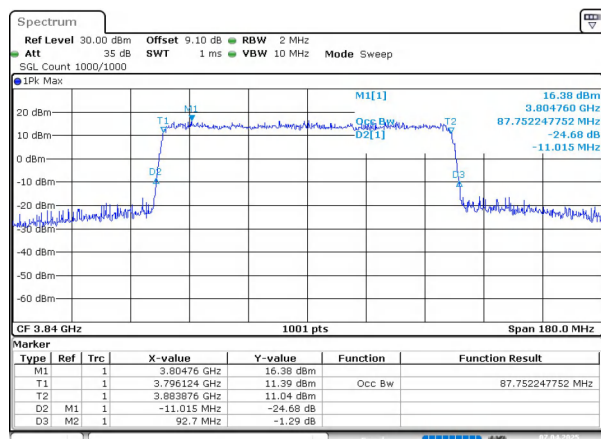
Channel=656000 RB=217@0



Date: 7.APR.2025 13:22:50

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

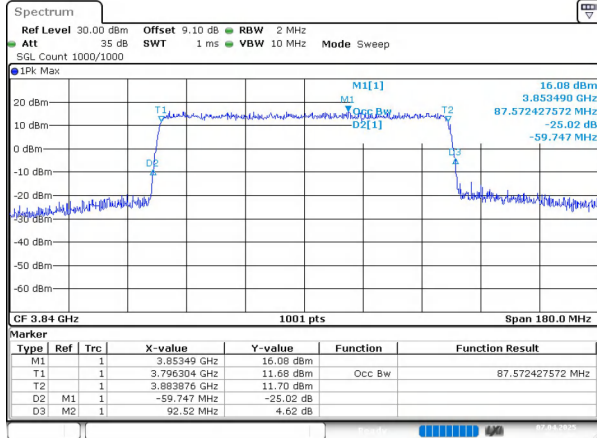
Channel=656000 RB=243@0



Date: 7.APR.2025 13:22:59

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

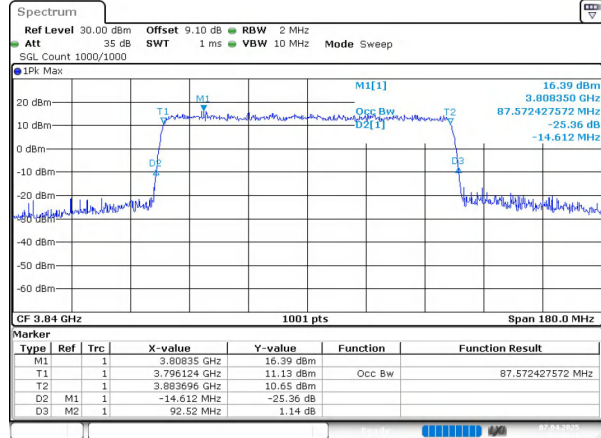
Channel=656000 RB=245@0



Date: 7.APR.2025 13:23:06

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

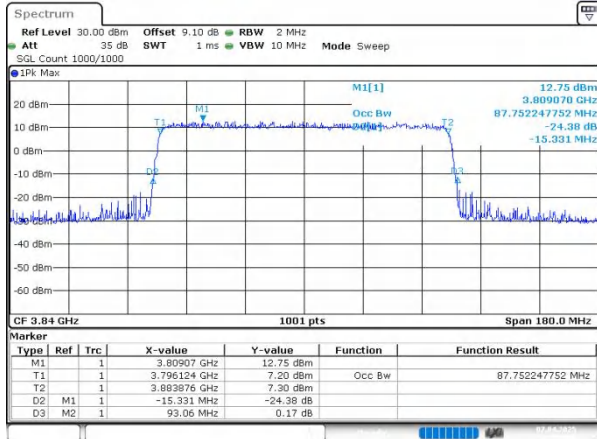
Channel=656000 RB=245@0



Date: 7.APR.2025 13:23:13

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

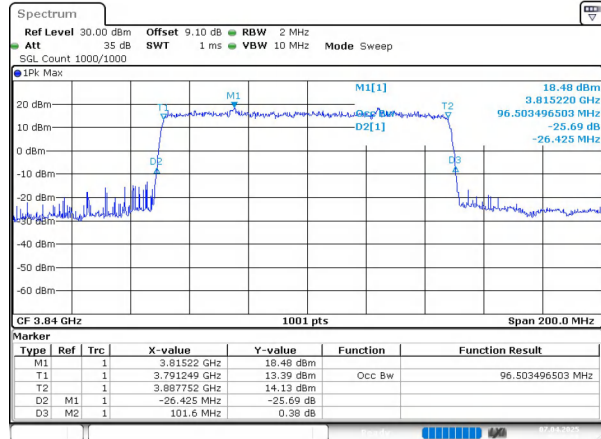
Channel=656000 RB=245@0



Date: 7.APR.2025 13:23:22

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

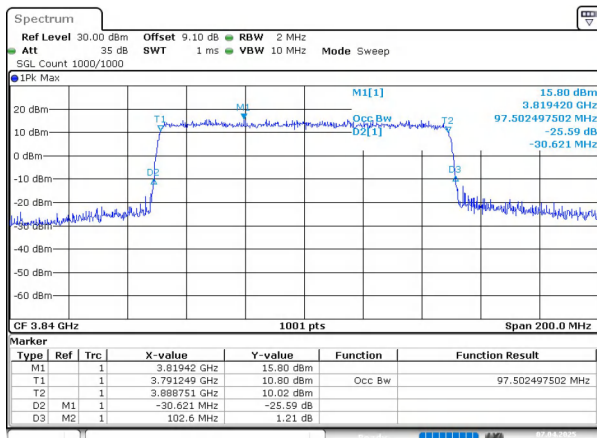
Channel=656000 RB=245@0



Date: 7.APR.2025 13:23:36

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

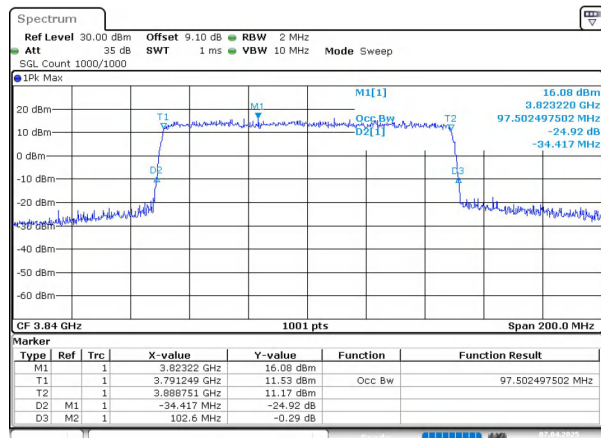
Channel=656000 RB=270@0



Date: 7.APR.2025 13:23:45

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

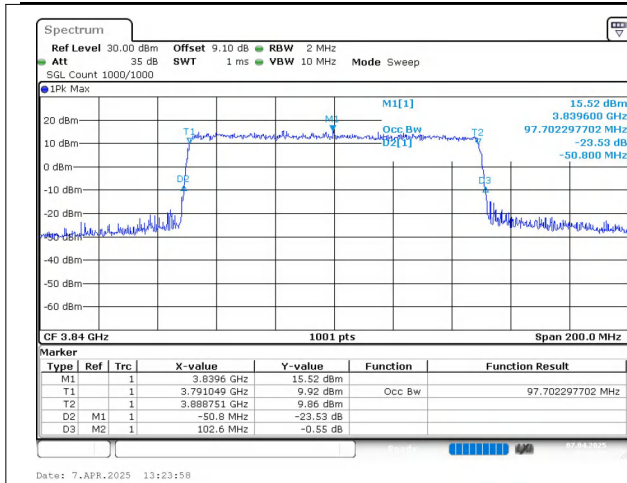
Channel=656000 RB=273@0



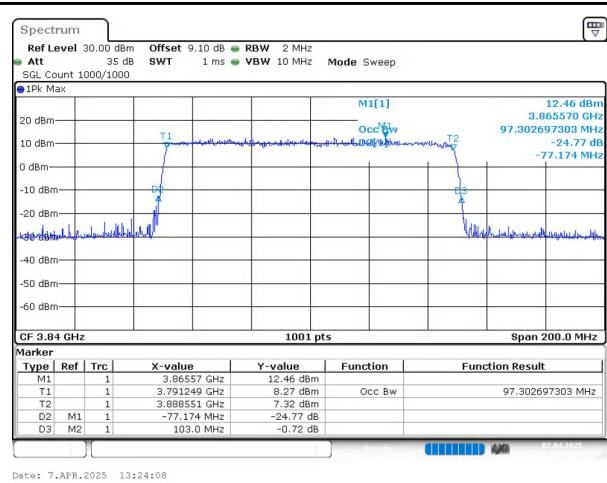
Date: 7.APR.2025 13:23:52

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