

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

1. Conducted Output Power

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	21.77	1.5	23.27	212.32	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	22.36	1.5	23.86	243.22	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	22.22	1.5	23.72	235.5	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	21.34	1.5	22.84	192.31	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	22.34	1.5	23.84	242.1	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	22.23	1.5	23.73	236.05	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	22.28	1.5	23.78	238.78	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	20.42	1.5	21.92	155.6	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	21.38	1.5	22.88	194.09	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	19.89	1.5	21.39	137.72	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	20.01	1.5	21.51	141.58	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	19.75	1.5	21.25	133.35	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	19.78	1.5	21.28	134.28	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	17.9	1.5	19.4	87.1	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	18.04	1.5	19.54	89.95	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	17.73	1.5	19.23	83.75	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	17.77	1.5	19.27	84.53	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	19.3	1.5	20.8	120.23	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	20.78	1.5	22.28	169.04	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	20.78	1.5	22.28	169.04	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_16QAM	19.24	1.5	20.74	118.58	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	20.55	1.5	22.05	160.32	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	20.41	1.5	21.91	155.24	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	20.43	1.5	21.93	155.96	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	18.9	1.5	20.4	109.65	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	19.02	1.5	20.52	112.72	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	18.58	1.5	20.08	101.86	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	15.87	1.5	17.37	54.58	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	15.91	1.5	17.41	55.08	1000	PASS

n77(3700-3980)	30	10	647000	1@1	CP_256QAM	15.88	1.5	17.38	54.7	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	15.93	1.5	17.43	55.34	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	21.9	1.5	23.4	218.78	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.47	1.5	23.97	249.46	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.29	1.5	23.79	239.33	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	21.5	1.5	23	199.53	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.51	1.5	24.01	251.77	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	22.35	1.5	23.85	242.66	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.37	1.5	23.87	243.78	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	20.65	1.5	22.15	164.06	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	21.53	1.5	23.03	200.91	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	21.25	1.5	22.75	188.36	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	21.31	1.5	22.81	190.99	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	20.07	1.5	21.57	143.55	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	20.14	1.5	21.64	145.88	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	20.03	1.5	21.53	142.23	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	20.11	1.5	21.61	144.88	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	18.06	1.5	19.56	90.36	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	18.33	1.5	19.83	96.16	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	17.93	1.5	19.43	87.7	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	18	1.5	19.5	89.13	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	19.54	1.5	21.04	127.06	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	20.97	1.5	22.47	176.6	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	21.04	1.5	22.54	179.47	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	21.1	1.5	22.6	181.97	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	19.5	1.5	21	125.89	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	20.69	1.5	22.19	165.58	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	20.69	1.5	22.19	165.58	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	20.8	1.5	22.3	169.82	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	19.05	1.5	20.55	113.5	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	19.14	1.5	20.64	115.88	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	18.72	1.5	20.22	105.2	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	18.81	1.5	20.31	107.4	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	15.98	1.5	17.48	55.98	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	16.21	1.5	17.71	59.02	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	16.05	1.5	17.55	56.89	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	16.18	1.5	17.68	58.61	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	21.83	1.5	23.33	215.28	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.21	1.5	23.71	234.96	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	21.47	1.5	22.97	198.15	1000	PASS

n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.35	1.5	23.85	242.66	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.27	1.5	23.77	238.23	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.39	1.5	23.89	244.91	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	20.5	1.5	22	158.49	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	21.53	1.5	23.03	200.91	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	21.25	1.5	22.75	188.36	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	21.27	1.5	22.77	189.23	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	20.07	1.5	21.57	143.55	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	20.11	1.5	21.61	144.88	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	17.96	1.5	19.46	88.31	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	18.2	1.5	19.7	93.33	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	17.92	1.5	19.42	87.5	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	17.92	1.5	19.42	87.5	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	19.43	1.5	20.93	123.88	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	20.94	1.5	22.44	175.39	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	20.99	1.5	22.49	177.42	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.97	1.5	22.47	176.6	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_16QAM	19.36	1.5	20.86	121.9	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	20.68	1.5	22.18	165.2	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	20.57	1.5	22.07	161.06	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	20.61	1.5	22.11	162.55	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	19.06	1.5	20.56	113.76	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	19.16	1.5	20.66	116.41	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	18.7	1.5	20.2	104.71	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	18.68	1.5	20.18	104.23	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	15.98	1.5	17.48	55.98	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	16.01	1.5	17.51	56.36	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	16.06	1.5	17.56	57.02	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	16.13	1.5	17.63	57.94	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	21.68	1.5	23.18	207.97	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	22.12	1.5	23.62	230.14	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	22.21	1.5	23.71	234.96	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	21.27	1.5	22.77	189.23	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	22.29	1.5	23.79	239.33	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	22.27	1.5	23.77	238.23	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	22.27	1.5	23.77	238.23	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	20.28	1.5	21.78	150.66	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	21.33	1.5	22.83	191.87	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	21.04	1.5	22.54	179.47	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	21.05	1.5	22.55	179.89	1000	PASS

n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	19.78	1.5	21.28	134.28	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	19.94	1.5	21.44	139.32	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	19.81	1.5	21.31	135.21	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	17.71	1.5	19.21	83.37	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	17.84	1.5	19.34	85.9	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	17.74	1.5	19.24	83.95	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	17.76	1.5	19.26	84.33	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	19.22	1.5	20.72	118.03	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	20.81	1.5	22.31	170.22	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	20.73	1.5	22.23	167.11	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	20.76	1.5	22.26	168.27	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	19.33	1.5	20.83	121.06	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	20.33	1.5	21.83	152.41	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	20.27	1.5	21.77	150.31	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	20.32	1.5	21.82	152.05	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	18.8	1.5	20.3	107.15	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	18.81	1.5	20.31	107.4	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	18.54	1.5	20.04	100.93	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	18.53	1.5	20.03	100.69	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	15.85	1.5	17.35	54.33	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	15.94	1.5	17.44	55.46	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	15.85	1.5	17.35	54.33	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	15.88	1.5	17.38	54.7	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	21.96	1.5	23.46	221.82	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.4	1.5	23.9	245.47	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	22.32	1.5	23.82	240.99	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.36	1.5	23.86	243.22	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	21.51	1.5	23.01	199.99	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	22.4	1.5	23.9	245.47	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.41	1.5	23.91	246.04	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	20.55	1.5	22.05	160.32	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	21.51	1.5	23.01	199.99	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	21.17	1.5	22.67	184.93	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	21.29	1.5	22.79	190.11	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	20.01	1.5	21.51	141.58	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	20.09	1.5	21.59	144.21	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	19.9	1.5	21.4	138.04	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	20.04	1.5	21.54	142.56	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	17.99	1.5	19.49	88.92	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	18.02	1.5	19.52	89.54	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	17.89	1.5	19.39	86.9	1000	PASS

n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	18.02	1.5	19.52	89.54	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	19.41	1.5	20.91	123.31	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	20.94	1.5	22.44	175.39	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	20.93	1.5	22.43	174.98	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.03	1.5	22.53	179.06	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_16QAM	19.56	1.5	21.06	127.64	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	20.51	1.5	22.01	158.85	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	20.47	1.5	21.97	157.4	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	20.59	1.5	22.09	161.81	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	18.72	1.5	20.22	105.2	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	18.6	1.5	20.1	102.33	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	16.1	1.5	17.6	57.54	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	16.12	1.5	17.62	57.81	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	16.19	1.5	17.69	58.75	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	21.76	1.5	23.26	211.84	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.22	1.5	23.72	235.5	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.12	1.5	23.62	230.14	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.25	1.5	23.75	237.14	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	21.45	1.5	22.95	197.24	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.27	1.5	23.77	238.23	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.23	1.5	23.73	236.05	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.28	1.5	23.78	238.78	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	20.45	1.5	21.95	156.68	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	21.41	1.5	22.91	195.43	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	21.12	1.5	22.62	182.81	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	21.1	1.5	22.6	181.97	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	19.91	1.5	21.41	138.36	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	20.06	1.5	21.56	143.22	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	19.9	1.5	21.4	138.04	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	19.93	1.5	21.43	139	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	18.1	1.5	19.6	91.2	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	17.95	1.5	19.45	88.1	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	17.84	1.5	19.34	85.9	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	17.89	1.5	19.39	86.9	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	19.37	1.5	20.87	122.18	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	20.88	1.5	22.38	172.98	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	20.83	1.5	22.33	171	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	19.45	1.5	20.95	124.45	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	20.45	1.5	21.95	156.68	1000	PASS

n77(3700-3980)	30	15	664832	1@1	CP_16QAM	20.42	1.5	21.92	155.6	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	20.41	1.5	21.91	155.24	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	18.9	1.5	20.4	109.65	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	18.93	1.5	20.43	110.41	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	18.68	1.5	20.18	104.23	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	18.3	1.5	19.8	95.5	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	15.99	1.5	17.49	56.1	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	21.83	1.5	23.33	215.28	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	22.46	1.5	23.96	248.89	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	22.3	1.5	23.8	239.88	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	21.42	1.5	22.92	195.88	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	22.37	1.5	23.87	243.78	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	22.3	1.5	23.8	239.88	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	20.36	1.5	21.86	153.46	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	21.39	1.5	22.89	194.54	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	19.85	1.5	21.35	136.46	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	19.85	1.5	21.35	136.46	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	19.89	1.5	21.39	137.72	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	17.6	1.5	19.1	81.28	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	17.89	1.5	19.39	86.9	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	17.86	1.5	19.36	86.3	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	19.35	1.5	20.85	121.62	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	20.9	1.5	22.4	173.78	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	20.83	1.5	22.33	171	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	19.38	1.5	20.88	122.46	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	20.41	1.5	21.91	155.24	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	18.84	1.5	20.34	108.14	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	19.02	1.5	20.52	112.72	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	18.5	1.5	20	100	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	15.95	1.5	17.45	55.59	1000	PASS

n77(3700-3980)	30	20	647334	25@12	CP_256QAM	16.2	1.5	17.7	58.88	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	16.01	1.5	17.51	56.36	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	21.93	1.5	23.43	220.29	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.61	1.5	24.11	257.63	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	22.31	1.5	23.81	240.44	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.46	1.5	23.96	248.89	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	21.53	1.5	23.03	200.91	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.45	1.5	23.95	248.31	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	21.22	1.5	22.72	187.07	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	21.34	1.5	22.84	192.31	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	20	1.5	21.5	141.25	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	20.02	1.5	21.52	141.91	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	19.93	1.5	21.43	139	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	20.12	1.5	21.62	145.21	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	17.99	1.5	19.49	88.92	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	18.03	1.5	19.53	89.74	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	17.93	1.5	19.43	87.7	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	18.05	1.5	19.55	90.16	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	19.55	1.5	21.05	127.35	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	20.96	1.5	22.46	176.2	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	20.95	1.5	22.45	175.79	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	21.06	1.5	22.56	180.3	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	19.54	1.5	21.04	127.06	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	20.56	1.5	22.06	160.69	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	20.54	1.5	22.04	159.96	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	20.63	1.5	22.13	163.31	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	19.05	1.5	20.55	113.5	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	19.1	1.5	20.6	114.82	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	18.72	1.5	20.22	105.2	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	18.85	1.5	20.35	108.39	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	16.11	1.5	17.61	57.68	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	16.12	1.5	17.62	57.81	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	16.3	1.5	17.8	60.26	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	21.84	1.5	23.34	215.77	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.27	1.5	23.77	238.23	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.17	1.5	23.67	232.81	1000	PASS

n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	21.46	1.5	22.96	197.7	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.39	1.5	23.89	244.91	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.17	1.5	23.67	232.81	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.28	1.5	23.78	238.78	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	20.37	1.5	21.87	153.82	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	21.39	1.5	22.89	194.54	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	21.17	1.5	22.67	184.93	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	19.97	1.5	21.47	140.28	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	17.91	1.5	19.41	87.3	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	19.39	1.5	20.89	122.74	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	20.92	1.5	22.42	174.58	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	20.83	1.5	22.33	171	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	20.83	1.5	22.33	171	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	19.4	1.5	20.9	123.03	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	20.44	1.5	21.94	156.31	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	20.43	1.5	21.93	155.96	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	18.91	1.5	20.41	109.9	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	18.93	1.5	20.43	110.41	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	18.2	1.5	19.7	93.33	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	18.69	1.5	20.19	104.47	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	16	1.5	17.5	56.23	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	16	1.5	17.5	56.23	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	21.89	1.5	23.39	218.27	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	22.3	1.5	23.8	239.88	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	22.62	1.5	24.12	258.23	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	21.51	1.5	23.01	199.99	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	22.38	1.5	23.88	244.34	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	22.68	1.5	24.18	261.82	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	21.41	1.5	22.91	195.43	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	21.18	1.5	22.68	185.35	1000	PASS

n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	21.42	1.5	22.92	195.88	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	19.95	1.5	21.45	139.64	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	19.89	1.5	21.39	137.72	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	20.14	1.5	21.64	145.88	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	17.3	1.5	18.8	75.86	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	17.94	1.5	19.44	87.9	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	17.86	1.5	19.36	86.3	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	18.17	1.5	19.67	92.68	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	19.48	1.5	20.98	125.31	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	20.95	1.5	22.45	175.79	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	21.15	1.5	22.65	184.08	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	19.5	1.5	21	125.89	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	20.47	1.5	21.97	157.4	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	20.4	1.5	21.9	154.88	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	20.69	1.5	22.19	165.58	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	18.99	1.5	20.49	111.94	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	18.86	1.5	20.36	108.64	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	15.8	1.5	17.3	53.7	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	15.94	1.5	17.44	55.46	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	16.24	1.5	17.74	59.43	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	21.93	1.5	23.43	220.29	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.43	1.5	23.93	247.17	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.58	1.5	24.08	255.86	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	21.61	1.5	23.11	204.64	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	22.28	1.5	23.78	238.78	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.61	1.5	24.11	257.63	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	20.56	1.5	22.06	160.69	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	21.56	1.5	23.06	202.3	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	21.33	1.5	22.83	191.87	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	21.69	1.5	23.19	208.45	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	20.09	1.5	21.59	144.21	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	20.09	1.5	21.59	144.21	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	19.97	1.5	21.47	140.28	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	20.33	1.5	21.83	152.41	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	18.11	1.5	19.61	91.41	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	18.07	1.5	19.57	90.57	1000	PASS

n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	17.93	1.5	19.43	87.7	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.58	1.5	21.08	128.23	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	21.06	1.5	22.56	180.3	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	20.94	1.5	22.44	175.39	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	21.29	1.5	22.79	190.11	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	19.6	1.5	21.1	128.82	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	20.56	1.5	22.06	160.69	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	20.53	1.5	22.03	159.59	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	20.85	1.5	22.35	171.79	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	19.1	1.5	20.6	114.82	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	19.09	1.5	20.59	114.55	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	19.6	1.5	21.1	128.82	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	19.03	1.5	20.53	112.98	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	16.11	1.5	17.61	57.68	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	16.1	1.5	17.6	57.54	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	16.04	1.5	17.54	56.75	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	16.4	1.5	17.9	61.66	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	21.91	1.5	23.41	219.28	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.44	1.5	23.94	247.74	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	22.11	1.5	23.61	229.61	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.32	1.5	23.82	240.99	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.35	1.5	23.85	242.66	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	21.49	1.5	22.99	199.07	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	21.14	1.5	22.64	183.65	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	21.31	1.5	22.81	190.99	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	20.01	1.5	21.51	141.58	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	20	1.5	21.5	141.25	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	19.89	1.5	21.39	137.72	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	20.08	1.5	21.58	143.88	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	17.99	1.5	19.49	88.92	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	17.85	1.5	19.35	86.1	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	18.04	1.5	19.54	89.95	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	19.49	1.5	20.99	125.6	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	21.03	1.5	22.53	179.06	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	21.07	1.5	22.57	180.72	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	19.52	1.5	21.02	126.47	1000	PASS

n77(3700-3980)	30	40	664000	53@26	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	20.37	1.5	21.87	153.82	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	20.54	1.5	22.04	159.96	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	19.04	1.5	20.54	113.24	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	18.6	1.5	20.1	102.33	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	18.8	1.5	20.3	107.15	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	16.3	1.5	17.8	60.26	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	16.05	1.5	17.55	56.89	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	16.11	1.5	17.61	57.68	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	22.1	1.5	23.6	229.09	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	22.53	1.5	24.03	252.93	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	22.26	1.5	23.76	237.68	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22.7	1.5	24.2	263.03	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	21.58	1.5	23.08	203.24	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	22.52	1.5	24.02	252.35	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.8	1.5	24.3	269.15	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	20.59	1.5	22.09	161.81	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	21.47	1.5	22.97	198.15	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	21.12	1.5	22.62	182.81	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	21.48	1.5	22.98	198.61	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	20.08	1.5	21.58	143.88	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	20.05	1.5	21.55	142.89	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	20.25	1.5	21.75	149.62	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	18.07	1.5	19.57	90.57	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	18.03	1.5	19.53	89.74	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	17.81	1.5	19.31	85.31	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	18.22	1.5	19.72	93.76	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	19.54	1.5	21.04	127.06	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	21.02	1.5	22.52	178.65	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	20.82	1.5	22.32	170.61	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_16QAM	19.54	1.5	21.04	127.06	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	20.35	1.5	21.85	153.11	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	20.66	1.5	22.16	164.44	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	19.02	1.5	20.52	112.72	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	19.06	1.5	20.56	113.76	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	18.62	1.5	20.12	102.8	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	18.92	1.5	20.42	110.15	1000	PASS

n77(3700-3980)	30	50	648334	133@0	CP_256QAM	16.05	1.5	17.55	56.89	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	16.03	1.5	17.53	56.62	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	16.5	1.5	18	63.1	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	16.28	1.5	17.78	59.98	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	22.01	1.5	23.51	224.39	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.5	1.5	24	251.19	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	22.21	1.5	23.71	234.96	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.65	1.5	24.15	260.02	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	21.66	1.5	23.16	207.01	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	22.3	1.5	23.8	239.88	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.69	1.5	24.19	262.42	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	20.66	1.5	22.16	164.44	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	21.56	1.5	23.06	202.3	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	21.14	1.5	22.64	183.65	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	21.53	1.5	23.03	200.91	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	20.1	1.5	21.6	144.54	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	20.09	1.5	21.59	144.21	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	19.89	1.5	21.39	137.72	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	18.16	1.5	19.66	92.47	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	18.11	1.5	19.61	91.41	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	19.62	1.5	21.12	129.42	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	21.1	1.5	22.6	181.97	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	20.88	1.5	22.38	172.98	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	21.25	1.5	22.75	188.36	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	19.61	1.5	21.11	129.12	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	20.59	1.5	22.09	161.81	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	20.43	1.5	21.93	155.96	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	20.82	1.5	22.32	170.61	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	19.12	1.5	20.62	115.35	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	19.15	1.5	20.65	116.14	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	18.65	1.5	20.15	103.51	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	19.02	1.5	20.52	112.72	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	16.14	1.5	17.64	58.08	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	16.14	1.5	17.64	58.08	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	16	1.5	17.5	56.23	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	16.39	1.5	17.89	61.52	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	21.84	1.5	23.34	215.77	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.36	1.5	23.86	243.22	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	22.03	1.5	23.53	225.42	1000	PASS

n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.29	1.5	23.79	239.33	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	21.51	1.5	23.01	199.99	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	22.08	1.5	23.58	228.03	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.36	1.5	23.86	243.22	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	21.43	1.5	22.93	196.34	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	21	1.5	22.5	177.83	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	21.21	1.5	22.71	186.64	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	19.99	1.5	21.49	140.93	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	19.75	1.5	21.25	133.35	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	17.6	1.5	19.1	81.28	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	18	1.5	19.5	89.13	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	17.72	1.5	19.22	83.56	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	17.96	1.5	19.46	88.31	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.43	1.5	20.93	123.88	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	20.95	1.5	22.45	175.79	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.7	1.5	22.2	165.96	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	20.98	1.5	22.48	177.01	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_16QAM	19.38	1.5	20.88	122.46	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	20.44	1.5	21.94	156.31	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	20.25	1.5	21.75	149.62	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	20.51	1.5	22.01	158.85	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	18.92	1.5	20.42	110.15	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	19.02	1.5	20.52	112.72	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	18.49	1.5	19.99	99.77	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	18.7	1.5	20.2	104.71	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	16.2	1.5	17.7	58.88	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	15.98	1.5	17.48	55.98	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	15.86	1.5	17.36	54.45	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	21.97	1.5	23.47	222.33	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	22.51	1.5	24.01	251.77	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	22.2	1.5	23.7	234.42	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.69	1.5	24.19	262.42	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	22.47	1.5	23.97	249.46	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	22.29	1.5	23.79	239.33	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.74	1.5	24.24	265.46	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	20.51	1.5	22.01	158.85	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	21.48	1.5	22.98	198.61	1000	PASS

n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	21.23	1.5	22.73	187.5	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	21.69	1.5	23.19	208.45	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	20.01	1.5	21.51	141.58	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	20.05	1.5	21.55	142.89	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	19.79	1.5	21.29	134.59	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	20.31	1.5	21.81	151.71	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	18.1	1.5	19.6	91.2	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	18.02	1.5	19.52	89.54	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	17.78	1.5	19.28	84.72	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	19.49	1.5	20.99	125.6	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	20.96	1.5	22.46	176.2	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	20.81	1.5	22.31	170.22	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	21.23	1.5	22.73	187.5	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	19.46	1.5	20.96	124.74	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	20.45	1.5	21.95	156.68	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	20.28	1.5	21.78	150.66	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	20.76	1.5	22.26	168.27	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	18.54	1.5	20.04	100.93	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	18.98	1.5	20.48	111.69	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	16.3	1.5	17.8	60.26	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	15.91	1.5	17.41	55.08	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	16.36	1.5	17.86	61.09	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	21.94	1.5	23.44	220.8	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.41	1.5	23.91	246.04	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	22.17	1.5	23.67	232.81	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.56	1.5	24.06	254.68	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	21.58	1.5	23.08	203.24	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.36	1.5	23.86	243.22	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	22.23	1.5	23.73	236.05	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.61	1.5	24.11	257.63	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	20.56	1.5	22.06	160.69	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	21.54	1.5	23.04	201.37	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	21.11	1.5	22.61	182.39	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	21.5	1.5	23	199.53	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	20.08	1.5	21.58	143.88	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	20.08	1.5	21.58	143.88	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	20.01	1.5	21.51	141.58	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	20.38	1.5	21.88	154.17	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	18.09	1.5	19.59	90.99	1000	PASS

n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	18.09	1.5	19.59	90.99	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.55	1.5	21.05	127.35	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	21.01	1.5	22.51	178.24	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	21.29	1.5	22.79	190.11	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	19.54	1.5	21.04	127.06	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	20.52	1.5	22.02	159.22	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	20.39	1.5	21.89	154.53	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	20.78	1.5	22.28	169.04	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	19.04	1.5	20.54	113.24	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	19.04	1.5	20.54	113.24	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	16.2	1.5	17.7	58.88	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	16.37	1.5	17.87	61.24	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	21.72	1.5	23.22	209.89	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.26	1.5	23.76	237.68	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	21.91	1.5	23.41	219.28	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.3	1.5	23.8	239.88	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	21.39	1.5	22.89	194.54	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.19	1.5	23.69	233.88	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	22.01	1.5	23.51	224.39	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.4	1.5	23.9	245.47	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	20.36	1.5	21.86	153.46	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	21.38	1.5	22.88	194.09	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	20.96	1.5	22.46	176.2	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	21.27	1.5	22.77	189.23	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	19.88	1.5	21.38	137.4	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	19.94	1.5	21.44	139.32	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	19.73	1.5	21.23	132.74	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	19.99	1.5	21.49	140.93	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	17.91	1.5	19.41	87.3	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	17.9	1.5	19.4	87.1	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	17.71	1.5	19.21	83.37	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	17.96	1.5	19.46	88.31	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.37	1.5	20.87	122.18	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	20.84	1.5	22.34	171.4	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	20.71	1.5	22.21	166.34	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	20.96	1.5	22.46	176.2	1000	PASS

n77(3700-3980)	30	60	663332	162@0	CP_16QAM	19.35	1.5	20.85	121.62	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	20.33	1.5	21.83	152.41	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	20.2	1.5	21.7	147.91	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	20.47	1.5	21.97	157.4	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	18.86	1.5	20.36	108.64	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	18.86	1.5	20.36	108.64	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	18.5	1.5	20	100	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	18.73	1.5	20.23	105.44	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	15.88	1.5	17.38	54.7	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	15.9	1.5	17.4	54.95	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	15.81	1.5	17.31	53.83	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	22.13	1.5	23.63	230.67	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	22.68	1.5	24.18	261.82	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	22.39	1.5	23.89	244.91	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	23.01	1.5	24.51	282.49	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	21.61	1.5	23.11	204.64	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	22.66	1.5	24.16	260.62	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	23.03	1.5	24.53	283.79	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	20.61	1.5	22.11	162.55	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	21.59	1.5	23.09	203.7	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	21.11	1.5	22.61	182.39	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	21.64	1.5	23.14	206.06	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	20.1	1.5	21.6	144.54	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	20.11	1.5	21.61	144.88	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	19.91	1.5	21.41	138.36	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	20.57	1.5	22.07	161.06	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	18.13	1.5	19.63	91.83	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	17.87	1.5	19.37	86.5	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	18.43	1.5	19.93	98.4	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	19.63	1.5	21.13	129.72	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	21.1	1.5	22.6	181.97	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	21.45	1.5	22.95	197.24	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_16QAM	19.59	1.5	21.09	128.53	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	20.61	1.5	22.11	162.55	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	20.92	1.5	22.42	174.58	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	19.14	1.5	20.64	115.88	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	19.11	1.5	20.61	115.08	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS

n77(3700-3980)	30	70	649000	1@187	CP_64QAM	19.19	1.5	20.69	117.22	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	16.14	1.5	17.64	58.08	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	16.13	1.5	17.63	57.94	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	15.93	1.5	17.43	55.34	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	16.53	1.5	18.03	63.53	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	22.01	1.5	23.51	224.39	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	22.52	1.5	24.02	252.35	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	22.19	1.5	23.69	233.88	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	22.6	1.5	24.1	257.04	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	21.47	1.5	22.97	198.15	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	22.39	1.5	23.89	244.91	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	22.27	1.5	23.77	238.23	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	22.7	1.5	24.2	263.03	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	21.51	1.5	23.01	199.99	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	20.93	1.5	22.43	174.98	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	21.43	1.5	22.93	196.34	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	20.02	1.5	21.52	141.91	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	20.02	1.5	21.52	141.91	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	19.79	1.5	21.29	134.59	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	20.28	1.5	21.78	150.66	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	18.03	1.5	19.53	89.74	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	18.02	1.5	19.52	89.54	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	17.67	1.5	19.17	82.6	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	17.9	1.5	19.4	87.1	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	19.5	1.5	21	125.89	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	20.96	1.5	22.46	176.2	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	20.75	1.5	22.25	167.88	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	19.5	1.5	21	125.89	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	20.25	1.5	21.75	149.62	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_16QAM	20.62	1.5	22.12	162.93	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	18.47	1.5	19.97	99.31	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	18.92	1.5	20.42	110.15	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	16.03	1.5	17.53	56.62	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	15.8	1.5	17.3	53.7	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	15.6	1.5	17.1	51.29	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	21.91	1.5	23.41	219.28	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	22.41	1.5	23.91	246.04	1000	PASS

n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	22.06	1.5	23.56	226.99	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	22.38	1.5	23.88	244.34	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	21.4	1.5	22.9	194.98	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	22.31	1.5	23.81	240.44	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	22.11	1.5	23.61	229.61	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	20.41	1.5	21.91	155.24	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	21.4	1.5	22.9	194.98	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	20.89	1.5	22.39	173.38	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	21.21	1.5	22.71	186.64	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	19.97	1.5	21.47	140.28	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	19.81	1.5	21.31	135.21	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	20.09	1.5	21.59	144.21	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	17.94	1.5	19.44	87.9	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	17.94	1.5	19.44	87.9	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	17.63	1.5	19.13	81.85	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	17.97	1.5	19.47	88.51	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.39	1.5	20.89	122.74	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	20.63	1.5	22.13	163.31	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	20.98	1.5	22.48	177.01	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_16QAM	19.38	1.5	20.88	122.46	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	20.39	1.5	21.89	154.53	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	20.11	1.5	21.61	144.88	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	18.93	1.5	20.43	110.41	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	18.89	1.5	20.39	109.4	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	18.5	1.5	20	100	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	18.76	1.5	20.26	106.17	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	15.92	1.5	17.42	55.21	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	15.72	1.5	17.22	52.72	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	16.08	1.5	17.58	57.28	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.75	1.5	24.25	266.07	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	23.04	1.5	24.54	284.45	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	21.68	1.5	23.18	207.97	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.75	1.5	24.25	266.07	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	22.48	1.5	23.98	250.03	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	23.19	1.5	24.69	294.44	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	20.67	1.5	22.17	164.82	1000	PASS

n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	21.63	1.5	23.13	205.59	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	21.14	1.5	22.64	183.65	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	21.8	1.5	23.3	213.8	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	20.18	1.5	21.68	147.23	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	20.16	1.5	21.66	146.55	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	20.54	1.5	22.04	159.96	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	18.3	1.5	19.8	95.5	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	18.17	1.5	19.67	92.68	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	17.84	1.5	19.34	85.9	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	18.51	1.5	20.01	100.23	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	19.62	1.5	21.12	129.42	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	21.1	1.5	22.6	181.97	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	20.84	1.5	22.34	171.4	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	21.48	1.5	22.98	198.61	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	19.64	1.5	21.14	130.02	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	20.6	1.5	22.1	162.18	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	21.04	1.5	22.54	179.47	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	19.14	1.5	20.64	115.88	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	19.13	1.5	20.63	115.61	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_64QAM	18.65	1.5	20.15	103.51	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	19.29	1.5	20.79	119.95	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	16.18	1.5	17.68	58.61	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	16.15	1.5	17.65	58.21	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	15.98	1.5	17.48	55.98	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	16.63	1.5	18.13	65.01	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	22.03	1.5	23.53	225.42	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.56	1.5	24.06	254.68	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	22.14	1.5	23.64	231.21	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.72	1.5	24.22	264.24	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.48	1.5	23.98	250.03	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	22.2	1.5	23.7	234.42	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.75	1.5	24.25	266.07	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	21.5	1.5	23	199.53	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	20.87	1.5	22.37	172.58	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	21.54	1.5	23.04	201.37	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	20.02	1.5	21.52	141.91	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	20.04	1.5	21.54	142.56	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	19.66	1.5	21.16	130.62	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	20.28	1.5	21.78	150.66	1000	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	18.04	1.5	19.54	89.95	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	18.05	1.5	19.55	90.16	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	17.63	1.5	19.13	81.85	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	19.51	1.5	21.01	126.18	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	20.98	1.5	22.48	177.01	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	20.65	1.5	22.15	164.06	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	21.2	1.5	22.7	186.21	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	19.49	1.5	20.99	125.6	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	20.22	1.5	21.72	148.59	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	20.79	1.5	22.29	169.43	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	18.43	1.5	19.93	98.4	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	16.03	1.5	17.53	56.62	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	16	1.5	17.5	56.23	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	15.78	1.5	17.28	53.46	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	16.37	1.5	17.87	61.24	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	21.9	1.5	23.4	218.78	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.39	1.5	23.89	244.91	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	22.04	1.5	23.54	225.94	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	21.41	1.5	22.91	195.43	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.31	1.5	23.81	240.44	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	22.09	1.5	23.59	228.56	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	22.5	1.5	24	251.19	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	20.37	1.5	21.87	153.82	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	21.42	1.5	22.92	195.88	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	20.86	1.5	22.36	172.19	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	21.23	1.5	22.73	187.5	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	19.89	1.5	21.39	137.72	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	19.95	1.5	21.45	139.64	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	19.64	1.5	21.14	130.02	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	20.05	1.5	21.55	142.89	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	17.89	1.5	19.39	86.9	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	17.92	1.5	19.42	87.5	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	17.57	1.5	19.07	80.72	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	17.6	1.5	19.1	81.28	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	19.33	1.5	20.83	121.06	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.6	1.5	22.1	162.18	1000	PASS

n77(3700-3980)	30	80	662666	1@215	CP_QPSK	21	1.5	22.5	177.83	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	19.34	1.5	20.84	121.34	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	20.35	1.5	21.85	153.11	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	19.96	1.5	21.46	139.96	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	20.36	1.5	21.86	153.46	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	18.85	1.5	20.35	108.39	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	18.87	1.5	20.37	108.89	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	18.35	1.5	19.85	96.61	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	18.79	1.5	20.29	106.91	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	15.9	1.5	17.4	54.95	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_256QAM	15.94	1.5	17.44	55.46	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	15.73	1.5	17.23	52.84	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	16.13	1.5	17.63	57.94	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.84	1.5	24.34	271.64	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	22.43	1.5	23.93	247.17	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	23.16	1.5	24.66	292.42	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	21.72	1.5	23.22	209.89	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.77	1.5	24.27	267.3	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	23.18	1.5	24.68	293.76	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	20.76	1.5	22.26	168.27	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	21.71	1.5	23.21	209.41	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	21.14	1.5	22.64	183.65	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	21.88	1.5	23.38	217.77	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	20.23	1.5	21.73	148.94	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	19.87	1.5	21.37	137.09	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	20.54	1.5	22.04	159.96	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	18.3	1.5	19.8	95.5	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	18.4	1.5	19.9	97.72	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	18.56	1.5	20.06	101.39	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	19.73	1.5	21.23	132.74	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	21.17	1.5	22.67	184.93	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	20.82	1.5	22.32	170.61	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	21.55	1.5	23.05	201.84	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_16QAM	19.7	1.5	21.2	131.83	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	20.67	1.5	22.17	164.82	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	20.36	1.5	21.86	153.46	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	21.1	1.5	22.6	181.97	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	19.25	1.5	20.75	118.85	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	19.2	1.5	20.7	117.49	1000	PASS

n77(3700-3980)	30	90	649668	1@1	CP_64QAM	18.62	1.5	20.12	102.8	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	19.35	1.5	20.85	121.62	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	16.26	1.5	17.76	59.7	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	16.21	1.5	17.71	59.02	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	16.72	1.5	18.22	66.37	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	22	1.5	23.5	223.87	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.48	1.5	23.98	250.03	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	22.07	1.5	23.57	227.51	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.84	1.5	24.34	271.64	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.47	1.5	23.97	249.46	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	22.19	1.5	23.69	233.88	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.84	1.5	24.34	271.64	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	20.52	1.5	22.02	159.22	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	20.83	1.5	22.33	171	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	21.54	1.5	23.04	201.37	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	20.01	1.5	21.51	141.58	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	20.04	1.5	21.54	142.56	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	19.7	1.5	21.2	131.83	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	20.37	1.5	21.87	153.82	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	18.05	1.5	19.55	90.16	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	18.07	1.5	19.57	90.57	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	17.53	1.5	19.03	79.98	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	18.25	1.5	19.75	94.41	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.49	1.5	20.99	125.6	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	20.97	1.5	22.47	176.6	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.55	1.5	22.05	160.32	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	21.27	1.5	22.77	189.23	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	19.48	1.5	20.98	125.31	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	20.11	1.5	21.61	144.88	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	20.83	1.5	22.33	171	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	18.39	1.5	19.89	97.5	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	19.05	1.5	20.55	113.5	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	16.3	1.5	17.8	60.26	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	16.01	1.5	17.51	56.36	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	15.73	1.5	17.23	52.84	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	16.44	1.5	17.94	62.23	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	21.99	1.5	23.49	223.36	1000	PASS

n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.41	1.5	23.91	246.04	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	22.07	1.5	23.57	227.51	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	22.53	1.5	24.03	252.93	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	21.49	1.5	22.99	199.07	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	22.1	1.5	23.6	229.09	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	22.61	1.5	24.11	257.63	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	20.48	1.5	21.98	157.76	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	21.5	1.5	23	199.53	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	20.9	1.5	22.4	173.78	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	21.36	1.5	22.86	193.2	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	20	1.5	21.5	141.25	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	20.05	1.5	21.55	142.89	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	19.69	1.5	21.19	131.52	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	20.11	1.5	21.61	144.88	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	18.02	1.5	19.52	89.54	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	17.5	1.5	19	79.43	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	17.63	1.5	19.13	81.85	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	18.07	1.5	19.57	90.57	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.44	1.5	20.94	124.17	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	20.94	1.5	22.44	175.39	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	20.6	1.5	22.1	162.18	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	21.11	1.5	22.61	182.39	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_16QAM	19.4	1.5	20.9	123.03	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	20.19	1.5	21.69	147.57	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	20.71	1.5	22.21	166.34	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	18.95	1.5	20.45	110.92	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	18.41	1.5	19.91	97.95	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	18.96	1.5	20.46	111.17	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	15.99	1.5	17.49	56.1	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	15.7	1.5	17.2	52.48	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	15.78	1.5	17.28	53.46	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	16.31	1.5	17.81	60.39	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	22.26	1.5	23.76	237.68	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	22.89	1.5	24.39	274.79	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	22.48	1.5	23.98	250.03	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	23.17	1.5	24.67	293.09	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	21.73	1.5	23.23	210.38	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	22.81	1.5	24.31	269.77	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	22.49	1.5	23.99	250.61	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	23.24	1.5	24.74	297.85	1000	PASS

n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	20.74	1.5	22.24	167.49	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	21.74	1.5	23.24	210.86	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	21.15	1.5	22.65	184.08	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	21.91	1.5	23.41	219.28	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	19.81	1.5	21.31	135.21	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	20.62	1.5	22.12	162.93	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	18.28	1.5	19.78	95.06	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	18.3	1.5	19.8	95.5	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	18.63	1.5	20.13	103.04	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	19.74	1.5	21.24	133.05	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	21.21	1.5	22.71	186.64	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	20.82	1.5	22.32	170.61	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	21.59	1.5	23.09	203.7	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	19.71	1.5	21.21	132.13	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	20.7	1.5	22.2	165.96	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	19.24	1.5	20.74	118.58	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	19.25	1.5	20.75	118.85	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	19.31	1.5	20.81	120.5	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	16.27	1.5	17.77	59.84	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	16.28	1.5	17.78	59.98	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	16.74	1.5	18.24	66.68	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	22.01	1.5	23.51	224.39	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.54	1.5	24.04	253.51	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	22.8	1.5	24.3	269.15	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	21.49	1.5	22.99	199.07	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	22.18	1.5	23.68	233.35	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	22.81	1.5	24.31	269.77	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	21.52	1.5	23.02	200.45	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	20.82	1.5	22.32	170.61	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	21.55	1.5	23.05	201.84	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	20.02	1.5	21.52	141.91	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	20.05	1.5	21.55	142.89	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	19.52	1.5	21.02	126.47	1000	PASS

n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	20.28	1.5	21.78	150.66	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	18.36	1.5	19.86	96.83	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	18.06	1.5	19.56	90.36	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	17.53	1.5	19.03	79.98	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	18.33	1.5	19.83	96.16	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.46	1.5	20.96	124.74	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	20.95	1.5	22.45	175.79	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	20.55	1.5	22.05	160.32	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	21.24	1.5	22.74	187.93	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	19.46	1.5	20.96	124.74	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	20.08	1.5	21.58	143.88	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	20.85	1.5	22.35	171.79	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	18.98	1.5	20.48	111.69	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	18.29	1.5	19.79	95.28	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	19.04	1.5	20.54	113.24	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	16.13	1.5	17.63	57.94	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	16.04	1.5	17.54	56.75	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	15.69	1.5	17.19	52.36	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	16.46	1.5	17.96	62.52	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	22.03	1.5	23.53	225.42	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.46	1.5	23.96	248.89	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	22.13	1.5	23.63	230.67	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	22.64	1.5	24.14	259.42	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	21.51	1.5	23.01	199.99	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	22.16	1.5	23.66	232.27	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	22.73	1.5	24.23	264.85	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	20.51	1.5	22.01	158.85	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	21.56	1.5	23.06	202.3	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	20.9	1.5	22.4	173.78	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	21.43	1.5	22.93	196.34	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	20.03	1.5	21.53	142.23	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	20.08	1.5	21.58	143.88	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	19.65	1.5	21.15	130.32	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	20.2	1.5	21.7	147.91	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	18.06	1.5	19.56	90.36	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	17.24	1.5	18.74	74.82	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	17.62	1.5	19.12	81.66	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	18.21	1.5	19.71	93.54	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	19.5	1.5	21	125.89	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	21.03	1.5	22.53	179.06	1000	PASS

n77(3700-3980)	30	100	662000	1@1	CP_QPSK	20.57	1.5	22.07	161.06	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	21.16	1.5	22.66	184.5	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	19.5	1.5	21	125.89	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	20.16	1.5	21.66	146.55	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	20.76	1.5	22.26	168.27	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	19	1.5	20.5	112.2	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	19.04	1.5	20.54	113.24	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	18.33	1.5	19.83	96.16	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	18.94	1.5	20.44	110.66	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	16.11	1.5	17.61	57.68	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	16.35	1.5	17.85	60.95	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	16.32	1.5	17.82	60.53	1000	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	21.83	1.5	23.33	215.28	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	22.25	1.5	23.75	237.14	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	22.26	1.5	23.76	237.68	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	22.33	1.5	23.83	241.55	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	21.27	1.5	22.77	189.23	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	22.39	1.5	23.89	244.91	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	22.35	1.5	23.85	242.66	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	20.29	1.5	21.79	151.01	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	21.34	1.5	22.84	192.31	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	21.16	1.5	22.66	184.5	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	21.07	1.5	22.57	180.72	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	19.82	1.5	21.32	135.52	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	19.87	1.5	21.37	137.09	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	19.76	1.5	21.26	133.66	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	19.67	1.5	21.17	130.92	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	17.83	1.5	19.33	85.7	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	18	1.5	19.5	89.13	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	17.75	1.5	19.25	84.14	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	17.72	1.5	19.22	83.56	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	19.28	1.5	20.78	119.67	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	20.7	1.5	22.2	165.96	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	20.88	1.5	22.38	172.98	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	20.79	1.5	22.29	169.43	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_16QAM	19.26	1.5	20.76	119.12	1000	PASS

n78(3700-3800)	30	10	647000	12@6	CP_16QAM	20.47	1.5	21.97	157.4	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_16QAM	20.5	1.5	22	158.49	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_64QAM	18.89	1.5	20.39	109.4	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_64QAM	18.93	1.5	20.43	110.41	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_64QAM	18.6	1.5	20.1	102.33	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_64QAM	18.52	1.5	20.02	100.46	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_256QAM	15.83	1.5	17.33	54.08	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_256QAM	15.89	1.5	17.39	54.83	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_256QAM	15.91	1.5	17.41	55.08	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_256QAM	15.87	1.5	17.37	54.58	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	22.27	1.5	23.77	238.23	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	22.67	1.5	24.17	261.22	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	22.65	1.5	24.15	260.02	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	22.7	1.5	24.2	263.03	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	21.7	1.5	23.2	208.93	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	22.64	1.5	24.14	259.42	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	22.75	1.5	24.25	266.07	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	20.72	1.5	22.22	166.72	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	21.78	1.5	23.28	212.81	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	21.49	1.5	22.99	199.07	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	21.56	1.5	23.06	202.3	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	20.22	1.5	21.72	148.59	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	20.36	1.5	21.86	153.46	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	20.14	1.5	21.64	145.88	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	20.2	1.5	21.7	147.91	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	18.53	1.5	20.03	100.69	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	18.1	1.5	19.6	91.2	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	18.14	1.5	19.64	92.04	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	19.68	1.5	21.18	131.22	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	21.17	1.5	22.67	184.93	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	21.15	1.5	22.65	184.08	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	21.24	1.5	22.74	187.93	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_16QAM	19.67	1.5	21.17	130.92	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_16QAM	20.91	1.5	22.41	174.18	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_16QAM	20.89	1.5	22.39	173.38	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_16QAM	20.88	1.5	22.38	172.98	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_64QAM	19.26	1.5	20.76	119.12	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_64QAM	19.37	1.5	20.87	122.18	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_64QAM	18.96	1.5	20.46	111.17	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS

n78(3700-3800)	30	10	650000	24@0	CP_256QAM	16.2	1.5	17.7	58.88	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_256QAM	16.25	1.5	17.75	59.57	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_256QAM	16.27	1.5	17.77	59.84	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_256QAM	16.35	1.5	17.85	60.95	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	22.35	1.5	23.85	242.66	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	22.75	1.5	24.25	266.07	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	22.7	1.5	24.2	263.03	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	21.81	1.5	23.31	214.29	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	22.87	1.5	24.37	273.53	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	22.71	1.5	24.21	263.63	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	22.83	1.5	24.33	271.02	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	20.95	1.5	22.45	175.79	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	21.91	1.5	23.41	219.28	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	21.61	1.5	23.11	204.64	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	21.69	1.5	23.19	208.45	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	20.41	1.5	21.91	155.24	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	20.53	1.5	22.03	159.59	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	20.28	1.5	21.78	150.66	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	20.31	1.5	21.81	151.71	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	18.3	1.5	19.8	95.5	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	18.55	1.5	20.05	101.16	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	18.28	1.5	19.78	95.06	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	19.83	1.5	21.33	135.83	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	21.24	1.5	22.74	187.93	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	21.28	1.5	22.78	189.67	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	21.32	1.5	22.82	191.43	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_16QAM	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_16QAM	21.01	1.5	22.51	178.24	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_16QAM	20.92	1.5	22.42	174.58	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_16QAM	20.94	1.5	22.44	175.39	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_64QAM	19.35	1.5	20.85	121.62	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_64QAM	19.4	1.5	20.9	123.03	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_64QAM	19.06	1.5	20.56	113.76	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_64QAM	19.11	1.5	20.61	115.08	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_256QAM	16.31	1.5	17.81	60.39	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_256QAM	16.38	1.5	17.88	61.38	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_256QAM	16.36	1.5	17.86	61.09	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_256QAM	16.45	1.5	17.95	62.37	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	21.74	1.5	23.24	210.86	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	22.29	1.5	23.79	239.33	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	22.23	1.5	23.73	236.05	1000	PASS

n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	22.23	1.5	23.73	236.05	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	21.23	1.5	22.73	187.5	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	22.29	1.5	23.79	239.33	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	22.28	1.5	23.78	238.78	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	22.29	1.5	23.79	239.33	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	21.26	1.5	22.76	188.8	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	21.05	1.5	22.55	179.89	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	20.96	1.5	22.46	176.2	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	19.74	1.5	21.24	133.05	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	19.84	1.5	21.34	136.14	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	19.77	1.5	21.27	133.97	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	19.7	1.5	21.2	131.83	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	17.7	1.5	19.2	83.18	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	17.77	1.5	19.27	84.53	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	17.72	1.5	19.22	83.56	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	17.67	1.5	19.17	82.6	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	19.17	1.5	20.67	116.68	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	20.7	1.5	22.2	165.96	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	20.69	1.5	22.19	165.58	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_16QAM	19.26	1.5	20.76	119.12	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_16QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_16QAM	20.3	1.5	21.8	151.36	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_16QAM	20.23	1.5	21.73	148.94	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_64QAM	18.77	1.5	20.27	106.41	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_64QAM	18.74	1.5	20.24	105.68	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_64QAM	18.56	1.5	20.06	101.39	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_64QAM	18.46	1.5	19.96	99.08	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_256QAM	15.79	1.5	17.29	53.58	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_256QAM	15.88	1.5	17.38	54.7	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_256QAM	15.87	1.5	17.37	54.58	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_256QAM	15.84	1.5	17.34	54.2	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	22.18	1.5	23.68	233.35	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	22.7	1.5	24.2	263.03	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	22.67	1.5	24.17	261.22	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	22.73	1.5	24.23	264.85	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	21.67	1.5	23.17	207.49	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	22.74	1.5	24.24	265.46	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	22.66	1.5	24.16	260.62	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	20.69	1.5	22.19	165.58	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	21.66	1.5	23.16	207.01	1000	PASS

n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	21.35	1.5	22.85	192.75	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	21.53	1.5	23.03	200.91	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	20.2	1.5	21.7	147.91	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	20.31	1.5	21.81	151.71	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	20.09	1.5	21.59	144.21	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	18.15	1.5	19.65	92.26	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	18.19	1.5	19.69	93.11	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	18.1	1.5	19.6	91.2	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	19.64	1.5	21.14	130.02	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	21.12	1.5	22.62	182.81	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	21.26	1.5	22.76	188.8	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_16QAM	19.7	1.5	21.2	131.83	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_16QAM	20.68	1.5	22.18	165.2	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_16QAM	20.63	1.5	22.13	163.31	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_16QAM	20.8	1.5	22.3	169.82	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_64QAM	19.13	1.5	20.63	115.61	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_64QAM	19.16	1.5	20.66	116.41	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_64QAM	18.86	1.5	20.36	108.64	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_64QAM	19.04	1.5	20.54	113.24	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_256QAM	16.26	1.5	17.76	59.7	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_256QAM	16.33	1.5	17.83	60.67	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_256QAM	16.21	1.5	17.71	59.02	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_256QAM	16.36	1.5	17.86	61.09	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	22.22	1.5	23.72	235.5	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	22.82	1.5	24.32	270.4	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	22.63	1.5	24.13	258.82	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	22.71	1.5	24.21	263.63	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	21.75	1.5	23.25	211.35	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	22.72	1.5	24.22	264.24	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	22.66	1.5	24.16	260.62	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	20.75	1.5	22.25	167.88	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	21.75	1.5	23.25	211.35	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	21.4	1.5	22.9	194.98	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	21.49	1.5	22.99	199.07	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	20.2	1.5	21.7	147.91	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	20.34	1.5	21.84	152.76	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	20.16	1.5	21.66	146.55	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	18.21	1.5	19.71	93.54	1000	PASS

n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	18.1	1.5	19.6	91.2	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	18.26	1.5	19.76	94.62	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	19.66	1.5	21.16	130.62	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	21.12	1.5	22.62	182.81	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	21.22	1.5	22.72	187.07	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_16QAM	19.76	1.5	21.26	133.66	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_16QAM	20.79	1.5	22.29	169.43	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_16QAM	20.66	1.5	22.16	164.44	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_16QAM	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_64QAM	19.26	1.5	20.76	119.12	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_64QAM	19.23	1.5	20.73	118.3	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_64QAM	18.92	1.5	20.42	110.15	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_64QAM	19.01	1.5	20.51	112.46	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_256QAM	16.25	1.5	17.75	59.57	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_256QAM	16.34	1.5	17.84	60.81	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_256QAM	16.34	1.5	17.84	60.81	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	21.84	1.5	23.34	215.77	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	22.5	1.5	24	251.19	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	22.31	1.5	23.81	240.44	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	22.28	1.5	23.78	238.78	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	21.33	1.5	22.83	191.87	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	22.43	1.5	23.93	247.17	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	22.36	1.5	23.86	243.22	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	20.29	1.5	21.79	151.01	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	21.31	1.5	22.81	190.99	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	21.08	1.5	22.58	181.13	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	19.79	1.5	21.29	134.59	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	19.87	1.5	21.37	137.09	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	19.84	1.5	21.34	136.14	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	17.86	1.5	19.36	86.3	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	17.82	1.5	19.32	85.51	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	19.33	1.5	20.83	121.06	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	20.82	1.5	22.32	170.61	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	20.82	1.5	22.32	170.61	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	20.8	1.5	22.3	169.82	1000	PASS

n78(3700-3800)	30	20	647334	51@0	CP_16QAM	19.34	1.5	20.84	121.34	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_16QAM	20.43	1.5	21.93	155.96	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_16QAM	20.42	1.5	21.92	155.6	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_64QAM	18.77	1.5	20.27	106.41	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_64QAM	18.9	1.5	20.4	109.65	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_64QAM	18.6	1.5	20.1	102.33	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_256QAM	15.9	1.5	17.4	54.95	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_256QAM	15.88	1.5	17.38	54.7	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_256QAM	15.9	1.5	17.4	54.95	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	22.2	1.5	23.7	234.42	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	22.73	1.5	24.23	264.85	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	22.62	1.5	24.12	258.23	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	22.81	1.5	24.31	269.77	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	22.81	1.5	24.31	269.77	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	22.62	1.5	24.12	258.23	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	22.76	1.5	24.26	266.69	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	20.64	1.5	22.14	163.68	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	21.66	1.5	23.16	207.01	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	21.41	1.5	22.91	195.43	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	21.58	1.5	23.08	203.24	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	20.12	1.5	21.62	145.21	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	20.18	1.5	21.68	147.23	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	20.1	1.5	21.6	144.54	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	20.29	1.5	21.79	151.01	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	18.15	1.5	19.65	92.26	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	18.15	1.5	19.65	92.26	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	18.08	1.5	19.58	90.78	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	18.28	1.5	19.78	95.06	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	19.66	1.5	21.16	130.62	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	21.17	1.5	22.67	184.93	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	21.13	1.5	22.63	183.23	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	21.26	1.5	22.76	188.8	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_16QAM	19.67	1.5	21.17	130.92	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_16QAM	20.74	1.5	22.24	167.49	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_16QAM	20.7	1.5	22.2	165.96	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_16QAM	20.82	1.5	22.32	170.61	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_64QAM	19.22	1.5	20.72	118.03	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_64QAM	19.28	1.5	20.78	119.67	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_64QAM	18.91	1.5	20.41	109.9	1000	PASS

n78(3700-3800)	30	20	650000	1@49	CP_64QAM	19.05	1.5	20.55	113.5	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_256QAM	16.36	1.5	17.86	61.09	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_256QAM	16.25	1.5	17.75	59.57	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_256QAM	16.24	1.5	17.74	59.43	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_256QAM	16.41	1.5	17.91	61.8	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	22.28	1.5	23.78	238.78	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	22.8	1.5	24.3	269.15	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	22.62	1.5	24.12	258.23	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	21.77	1.5	23.27	212.32	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	22.83	1.5	24.33	271.02	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	22.68	1.5	24.18	261.82	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	20.69	1.5	22.19	165.58	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	21.75	1.5	23.25	211.35	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	21.42	1.5	22.92	195.88	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	21.58	1.5	23.08	203.24	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	20.23	1.5	21.73	148.94	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	20.25	1.5	21.75	149.62	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	20.13	1.5	21.63	145.55	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	20.32	1.5	21.82	152.05	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	18.2	1.5	19.7	93.33	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	18.15	1.5	19.65	92.26	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	18.28	1.5	19.78	95.06	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	19.73	1.5	21.23	132.74	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	21.24	1.5	22.74	187.93	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	21.13	1.5	22.63	183.23	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	21.28	1.5	22.78	189.67	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_16QAM	19.73	1.5	21.23	132.74	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_16QAM	20.78	1.5	22.28	169.04	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_16QAM	20.74	1.5	22.24	167.49	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_16QAM	20.83	1.5	22.33	171	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_64QAM	19.2	1.5	20.7	117.49	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_64QAM	19.27	1.5	20.77	119.4	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_64QAM	18.95	1.5	20.45	110.92	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_64QAM	19.05	1.5	20.55	113.5	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_256QAM	16.31	1.5	17.81	60.39	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_256QAM	16.32	1.5	17.82	60.53	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_256QAM	16.29	1.5	17.79	60.12	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_256QAM	16.42	1.5	17.92	61.94	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	21.93	1.5	23.43	220.29	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	22.36	1.5	23.86	243.22	1000	PASS

n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	22.3	1.5	23.8	239.88	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	22.52	1.5	24.02	252.35	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	21.42	1.5	22.92	195.88	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	22.34	1.5	23.84	242.1	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	22.32	1.5	23.82	240.99	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	22.53	1.5	24.03	252.93	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	20.42	1.5	21.92	155.6	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	21.32	1.5	22.82	191.43	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	21.16	1.5	22.66	184.5	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	21.38	1.5	22.88	194.09	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	19.9	1.5	21.4	138.04	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	19.87	1.5	21.37	137.09	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	20.06	1.5	21.56	143.22	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	17.92	1.5	19.42	87.5	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	17.84	1.5	19.34	85.9	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	17.87	1.5	19.37	86.5	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	18.08	1.5	19.58	90.78	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	19.42	1.5	20.92	123.59	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	21.07	1.5	22.57	180.72	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_16QAM	19.43	1.5	20.93	123.88	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_16QAM	20.35	1.5	21.85	153.11	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_16QAM	20.4	1.5	21.9	154.88	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_16QAM	20.64	1.5	22.14	163.68	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_64QAM	18.93	1.5	20.43	110.41	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_64QAM	18.89	1.5	20.39	109.4	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_64QAM	18.78	1.5	20.28	106.66	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_256QAM	15.93	1.5	17.43	55.34	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_256QAM	15.87	1.5	17.37	54.58	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_256QAM	15.95	1.5	17.45	55.59	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_256QAM	16.19	1.5	17.69	58.75	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	22.25	1.5	23.75	237.14	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	22.74	1.5	24.24	265.46	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	22.9	1.5	24.4	275.42	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	21.76	1.5	23.26	211.84	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	22.71	1.5	24.21	263.63	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	22.53	1.5	24.03	252.93	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	22.96	1.5	24.46	279.25	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	20.73	1.5	22.23	167.11	1000	PASS

n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	21.73	1.5	23.23	210.38	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	21.44	1.5	22.94	196.79	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	21.93	1.5	23.43	220.29	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	20.23	1.5	21.73	148.94	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	20.04	1.5	21.54	142.56	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	20.47	1.5	21.97	157.4	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	18.2	1.5	19.7	93.33	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	17.99	1.5	19.49	88.92	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	18.43	1.5	19.93	98.4	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	19.73	1.5	21.23	132.74	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	21.21	1.5	22.71	186.64	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	21	1.5	22.5	177.83	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	21.45	1.5	22.95	197.24	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_16QAM	19.75	1.5	21.25	133.35	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_16QAM	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_16QAM	20.51	1.5	22.01	158.85	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_16QAM	20.98	1.5	22.48	177.01	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_64QAM	19.25	1.5	20.75	118.85	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_64QAM	19.28	1.5	20.78	119.67	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_64QAM	18.82	1.5	20.32	107.65	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_64QAM	19.27	1.5	20.77	119.4	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_256QAM	16.26	1.5	17.76	59.7	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_256QAM	16.29	1.5	17.79	60.12	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_256QAM	16.12	1.5	17.62	57.81	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_256QAM	16.6	1.5	18.1	64.57	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	22.38	1.5	23.88	244.34	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	22.87	1.5	24.37	273.53	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	22.61	1.5	24.11	257.63	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	22.89	1.5	24.39	274.79	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	21.88	1.5	23.38	217.77	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	22.8	1.5	24.3	269.15	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	22.64	1.5	24.14	259.42	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	22.96	1.5	24.46	279.25	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	20.84	1.5	22.34	171.4	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	21.83	1.5	23.33	215.28	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	21.38	1.5	22.88	194.09	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	21.77	1.5	23.27	212.32	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	20.35	1.5	21.85	153.11	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	20.36	1.5	21.86	153.46	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	20.1	1.5	21.6	144.54	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	20.5	1.5	22	158.49	1000	PASS

n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	18.35	1.5	19.85	96.61	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	18.36	1.5	19.86	96.83	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	18.09	1.5	19.59	90.99	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	18.47	1.5	19.97	99.31	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	19.83	1.5	21.33	135.83	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	21.35	1.5	22.85	192.75	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	21.11	1.5	22.61	182.39	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	21.47	1.5	22.97	198.15	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_16QAM	19.84	1.5	21.34	136.14	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_16QAM	20.87	1.5	22.37	172.58	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_16QAM	20.63	1.5	22.13	163.31	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_16QAM	21.01	1.5	22.51	178.24	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_64QAM	19.35	1.5	20.85	121.62	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_64QAM	19.4	1.5	20.9	123.03	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_64QAM	18.88	1.5	20.38	109.14	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_64QAM	19.3	1.5	20.8	120.23	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_256QAM	16.39	1.5	17.89	61.52	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_256QAM	16.39	1.5	17.89	61.52	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_256QAM	16.61	1.5	18.11	64.71	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	22.01	1.5	23.51	224.39	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	22.25	1.5	23.75	237.14	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	22.6	1.5	24.1	257.04	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	21.48	1.5	22.98	198.61	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	22.32	1.5	23.82	240.99	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	22.66	1.5	24.16	260.62	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	21.37	1.5	22.87	193.64	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	21.08	1.5	22.58	181.13	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	21.44	1.5	22.94	196.79	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	20	1.5	21.5	141.25	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	19.94	1.5	21.44	139.32	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	19.77	1.5	21.27	133.97	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	20.13	1.5	21.63	145.55	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	18.01	1.5	19.51	89.33	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	17.93	1.5	19.43	87.7	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	17.78	1.5	19.28	84.72	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	18.13	1.5	19.63	91.83	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	19.45	1.5	20.95	124.45	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	20.92	1.5	22.42	174.58	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	20.77	1.5	22.27	168.66	1000	PASS

n78(3700-3800)	30	50	648334	1@131	CP_QPSK	21.13	1.5	22.63	183.23	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_16QAM	19.45	1.5	20.95	124.45	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_16QAM	20.39	1.5	21.89	154.53	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_16QAM	20.27	1.5	21.77	150.31	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_16QAM	20.67	1.5	22.17	164.82	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_64QAM	18.95	1.5	20.45	110.92	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_64QAM	18.95	1.5	20.45	110.92	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_64QAM	18.52	1.5	20.02	100.46	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_64QAM	18.84	1.5	20.34	108.14	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_256QAM	15.86	1.5	17.36	54.45	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_256QAM	15.91	1.5	17.41	55.08	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_256QAM	15.84	1.5	17.34	54.2	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_256QAM	16.24	1.5	17.74	59.43	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	22.29	1.5	23.79	239.33	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	22.39	1.5	23.89	244.91	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	23.03	1.5	24.53	283.79	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	21.75	1.5	23.25	211.35	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	22.77	1.5	24.27	267.3	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	23.04	1.5	24.54	284.45	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	20.8	1.5	22.3	169.82	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	21.69	1.5	23.19	208.45	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	21.15	1.5	22.65	184.08	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	21.79	1.5	23.29	213.3	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	20.25	1.5	21.75	149.62	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	19.88	1.5	21.38	137.4	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	20.52	1.5	22.02	159.22	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	18.29	1.5	19.79	95.28	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	18.26	1.5	19.76	94.62	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	18.51	1.5	20.01	100.23	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	19.74	1.5	21.24	133.05	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	21.25	1.5	22.75	188.36	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	20.91	1.5	22.41	174.18	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	21.52	1.5	23.02	200.45	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_16QAM	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_16QAM	20.7	1.5	22.2	165.96	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_16QAM	20.41	1.5	21.91	155.24	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_16QAM	21.04	1.5	22.54	179.47	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_64QAM	19.24	1.5	20.74	118.58	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_64QAM	19.28	1.5	20.78	119.67	1000	PASS

n78(3700-3800)	30	50	650000	1@1	CP_64QAM	18.65	1.5	20.15	103.51	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_64QAM	19.25	1.5	20.75	118.85	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_256QAM	16.28	1.5	17.78	59.98	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_256QAM	16.28	1.5	17.78	59.98	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_256QAM	16.04	1.5	17.54	56.75	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	22.32	1.5	23.82	240.99	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	22.84	1.5	24.34	271.64	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	22.9	1.5	24.4	275.42	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	21.84	1.5	23.34	215.77	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	22.52	1.5	24.02	252.35	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	22.91	1.5	24.41	276.06	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	20.83	1.5	22.33	171	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	21.78	1.5	23.28	212.81	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	21.27	1.5	22.77	189.23	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	21.73	1.5	23.23	210.38	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	20.31	1.5	21.81	151.71	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	20.33	1.5	21.83	152.41	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	19.98	1.5	21.48	140.6	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	20.5	1.5	22	158.49	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	18.32	1.5	19.82	95.94	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	18.36	1.5	19.86	96.83	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	17.95	1.5	19.45	88.1	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	18.47	1.5	19.97	99.31	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	19.77	1.5	21.27	133.97	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	21.31	1.5	22.81	190.99	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	20.95	1.5	22.45	175.79	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	21.47	1.5	22.97	198.15	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_16QAM	19.78	1.5	21.28	134.28	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_16QAM	20.8	1.5	22.3	169.82	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_16QAM	20.49	1.5	21.99	158.12	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_16QAM	21.04	1.5	22.54	179.47	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_64QAM	19.3	1.5	20.8	120.23	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_64QAM	19.4	1.5	20.9	123.03	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_64QAM	18.71	1.5	20.21	104.95	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_64QAM	19.21	1.5	20.71	117.76	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_256QAM	16.24	1.5	17.74	59.43	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_256QAM	16.33	1.5	17.83	60.67	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_256QAM	16.06	1.5	17.56	57.02	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_256QAM	16.6	1.5	18.1	64.57	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	21.92	1.5	23.42	219.79	1000	PASS

n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	22.23	1.5	23.73	236.05	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	22.62	1.5	24.12	258.23	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	21.41	1.5	22.91	195.43	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	22.37	1.5	23.87	243.78	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	22.26	1.5	23.76	237.68	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	22.67	1.5	24.17	261.22	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	20.43	1.5	21.93	155.96	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	21.39	1.5	22.89	194.54	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	21.09	1.5	22.59	181.55	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	21.46	1.5	22.96	197.7	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	19.91	1.5	21.41	138.36	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	20.31	1.5	21.81	151.71	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	17.94	1.5	19.44	87.9	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	17.89	1.5	19.39	86.9	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	18.22	1.5	19.72	93.76	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	19.43	1.5	20.93	123.88	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	20.84	1.5	22.34	171.4	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	20.82	1.5	22.32	170.61	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	21.21	1.5	22.71	186.64	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_16QAM	19.41	1.5	20.91	123.31	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_16QAM	20.37	1.5	21.87	153.82	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_16QAM	20.3	1.5	21.8	151.36	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_16QAM	20.66	1.5	22.16	164.44	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_64QAM	18.91	1.5	20.41	109.9	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_64QAM	18.88	1.5	20.38	109.14	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_64QAM	18.54	1.5	20.04	100.93	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_64QAM	18.93	1.5	20.43	110.41	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_256QAM	15.87	1.5	17.37	54.58	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_256QAM	15.91	1.5	17.41	55.08	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_256QAM	15.89	1.5	17.39	54.83	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_256QAM	16.31	1.5	17.81	60.39	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	22.2	1.5	23.7	234.42	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	22.72	1.5	24.22	264.24	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	22.27	1.5	23.77	238.23	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	22.99	1.5	24.49	281.19	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	22.67	1.5	24.17	261.22	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	22.36	1.5	23.86	243.22	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	23.02	1.5	24.52	283.14	1000	PASS

n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	20.74	1.5	22.24	167.49	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	21.68	1.5	23.18	207.97	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	21.09	1.5	22.59	181.55	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	21.77	1.5	23.27	212.32	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	19.94	1.5	21.44	139.32	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	20.62	1.5	22.12	162.93	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	18.18	1.5	19.68	92.9	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	17.85	1.5	19.35	86.1	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	18.52	1.5	20.02	100.46	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	19.71	1.5	21.21	132.13	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	21.16	1.5	22.66	184.5	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	21.56	1.5	23.06	202.3	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_16QAM	19.65	1.5	21.15	130.32	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_16QAM	20.65	1.5	22.15	164.06	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_16QAM	20.34	1.5	21.84	152.76	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_16QAM	20.98	1.5	22.48	177.01	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_64QAM	19.19	1.5	20.69	117.22	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_64QAM	19.19	1.5	20.69	117.22	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_64QAM	18.58	1.5	20.08	101.86	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_64QAM	19.26	1.5	20.76	119.12	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_256QAM	16.22	1.5	17.72	59.16	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_256QAM	16.64	1.5	18.14	65.16	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	22.25	1.5	23.75	237.14	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	22.35	1.5	23.85	242.66	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	22.91	1.5	24.41	276.06	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	21.76	1.5	23.26	211.84	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	22.75	1.5	24.25	266.07	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	23.01	1.5	24.51	282.49	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	20.75	1.5	22.25	167.88	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	21.75	1.5	23.25	211.35	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	21.24	1.5	22.74	187.93	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	21.8	1.5	23.3	213.8	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	20.25	1.5	21.75	149.62	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	20.31	1.5	21.81	151.71	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS

n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	20.57	1.5	22.07	161.06	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	17.96	1.5	19.46	88.31	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	18.56	1.5	20.06	101.39	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	21.19	1.5	22.69	185.78	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	20.92	1.5	22.42	174.58	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	21.47	1.5	22.97	198.15	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_16QAM	19.69	1.5	21.19	131.52	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_16QAM	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_16QAM	21.07	1.5	22.57	180.72	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_64QAM	19.2	1.5	20.7	117.49	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_64QAM	19.25	1.5	20.75	118.85	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_64QAM	18.69	1.5	20.19	104.47	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_64QAM	19.26	1.5	20.76	119.12	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_256QAM	16.26	1.5	17.76	59.7	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_256QAM	16.25	1.5	17.75	59.57	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_256QAM	16.63	1.5	18.13	65.01	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	22.09	1.5	23.59	228.56	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	22.6	1.5	24.1	257.04	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	22.38	1.5	23.88	244.34	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	22.93	1.5	24.43	277.33	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	21.57	1.5	23.07	202.77	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	22.62	1.5	24.12	258.23	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	22.99	1.5	24.49	281.19	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	20.57	1.5	22.07	161.06	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	21.51	1.5	23.01	199.99	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	21.15	1.5	22.65	184.08	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	21.63	1.5	23.13	205.59	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	20.07	1.5	21.57	143.55	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	20.04	1.5	21.54	142.56	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	19.97	1.5	21.47	140.28	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	20.49	1.5	21.99	158.12	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	18.03	1.5	19.53	89.74	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	18.07	1.5	19.57	90.57	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	17.87	1.5	19.37	86.5	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	18.37	1.5	19.87	97.05	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	19.59	1.5	21.09	128.53	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	21.03	1.5	22.53	179.06	1000	PASS

n78(3700-3800)	30	70	649000	1@1	CP_QPSK	20.9	1.5	22.4	173.78	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	21.37	1.5	22.87	193.64	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_16QAM	19.58	1.5	21.08	128.23	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_16QAM	20.57	1.5	22.07	161.06	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_16QAM	20.4	1.5	21.9	154.88	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_16QAM	20.86	1.5	22.36	172.19	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_64QAM	19.09	1.5	20.59	114.55	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_64QAM	19.09	1.5	20.59	114.55	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_64QAM	18.64	1.5	20.14	103.28	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_64QAM	19.13	1.5	20.63	115.61	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_256QAM	16.1	1.5	17.6	57.54	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_256QAM	16.07	1.5	17.57	57.15	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_256QAM	15.98	1.5	17.48	55.98	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_256QAM	16.49	1.5	17.99	62.95	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	22.21	1.5	23.71	234.96	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	22.33	1.5	23.83	241.55	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	23.03	1.5	24.53	283.79	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	22.72	1.5	24.22	264.24	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	23.09	1.5	24.59	287.74	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	20.72	1.5	22.22	166.72	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	21.69	1.5	23.19	208.45	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	21.07	1.5	22.57	180.72	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	21.74	1.5	23.24	210.86	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	20.21	1.5	21.71	148.25	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	20.2	1.5	21.7	147.91	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	19.94	1.5	21.44	139.32	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	20.63	1.5	22.13	163.31	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	17.81	1.5	19.31	85.31	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	17.83	1.5	19.33	85.7	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	20.84	1.5	22.34	171.4	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	21.48	1.5	22.98	198.61	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_16QAM	19.7	1.5	21.2	131.83	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_16QAM	20.71	1.5	22.21	166.34	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_16QAM	20.29	1.5	21.79	151.01	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_16QAM	20.99	1.5	22.49	177.42	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_64QAM	19.26	1.5	20.76	119.12	1000	PASS

n78(3700-3800)	30	70	650000	95@47	CP_64QAM	19.22	1.5	20.72	118.03	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_64QAM	19.24	1.5	20.74	118.58	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_256QAM	16.24	1.5	17.74	59.43	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_256QAM	16.19	1.5	17.69	58.75	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_256QAM	15.93	1.5	17.43	55.34	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_256QAM	16.57	1.5	18.07	64.12	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	21.79	1.5	23.29	213.3	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	22.89	1.5	24.39	274.79	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	22.4	1.5	23.9	245.47	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	23.06	1.5	24.56	285.76	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	21.77	1.5	23.27	212.32	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	22.48	1.5	23.98	250.03	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	23.14	1.5	24.64	291.07	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	20.8	1.5	22.3	169.82	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	21.77	1.5	23.27	212.32	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	21.1	1.5	22.6	181.97	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	21.81	1.5	23.31	214.29	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	20.3	1.5	21.8	151.36	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	20.27	1.5	21.77	150.31	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	20.62	1.5	22.12	162.93	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	18.31	1.5	19.81	95.72	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	18.29	1.5	19.79	95.28	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	17.83	1.5	19.33	85.7	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	18.54	1.5	20.04	100.93	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	19.78	1.5	21.28	134.28	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	21.27	1.5	22.77	189.23	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	21.58	1.5	23.08	203.24	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_16QAM	19.75	1.5	21.25	133.35	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_16QAM	20.81	1.5	22.31	170.22	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_16QAM	20.34	1.5	21.84	152.76	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_16QAM	21.03	1.5	22.53	179.06	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_64QAM	19.3	1.5	20.8	120.23	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_64QAM	19.29	1.5	20.79	119.95	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_64QAM	19.33	1.5	20.83	121.06	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_256QAM	16.31	1.5	17.81	60.39	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_256QAM	16.31	1.5	17.81	60.39	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_256QAM	16.67	1.5	18.17	65.61	1000	PASS

n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	22.13	1.5	23.63	230.67	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	22.73	1.5	24.23	264.85	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	22.41	1.5	23.91	246.04	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	23.04	1.5	24.54	284.45	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	21.64	1.5	23.14	206.06	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	22.67	1.5	24.17	261.22	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	23.05	1.5	24.55	285.1	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	20.64	1.5	22.14	163.68	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	21.61	1.5	23.11	204.64	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	21.19	1.5	22.69	185.78	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	21.76	1.5	23.26	211.84	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	20.1	1.5	21.6	144.54	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	20.14	1.5	21.64	145.88	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	19.96	1.5	21.46	139.96	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	20.49	1.5	21.99	158.12	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	18.14	1.5	19.64	92.04	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	18.13	1.5	19.63	91.83	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	17.88	1.5	19.38	86.7	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	18.45	1.5	19.95	98.86	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	19.63	1.5	21.13	129.72	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	21.08	1.5	22.58	181.13	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	20.87	1.5	22.37	172.58	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	21.42	1.5	22.92	195.88	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_16QAM	19.61	1.5	21.11	129.12	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_16QAM	20.58	1.5	22.08	161.44	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_16QAM	20.46	1.5	21.96	157.04	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_16QAM	20.99	1.5	22.49	177.42	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_64QAM	19.14	1.5	20.64	115.88	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_64QAM	19.13	1.5	20.63	115.61	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_64QAM	18.68	1.5	20.18	104.23	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_64QAM	19.25	1.5	20.75	118.85	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_256QAM	16.17	1.5	17.67	58.48	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_256QAM	16.11	1.5	17.61	57.68	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_256QAM	16.04	1.5	17.54	56.75	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_256QAM	16.62	1.5	18.12	64.86	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	22.21	1.5	23.71	234.96	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	22.8	1.5	24.3	269.15	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	22.38	1.5	23.88	244.34	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	23.1	1.5	24.6	288.4	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	21.75	1.5	23.25	211.35	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	22.82	1.5	24.32	270.4	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	22.51	1.5	24.01	251.77	1000	PASS

n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	23.16	1.5	24.66	292.42	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	21.16	1.5	22.66	184.5	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	21.81	1.5	23.31	214.29	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	20.25	1.5	21.75	149.62	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	20.21	1.5	21.71	148.25	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	19.88	1.5	21.38	137.4	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	20.61	1.5	22.11	162.55	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	18.24	1.5	19.74	94.19	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	17.82	1.5	19.32	85.51	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	18.53	1.5	20.03	100.69	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	19.68	1.5	21.18	131.22	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	21.49	1.5	22.99	199.07	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_16QAM	19.7	1.5	21.2	131.83	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_16QAM	20.66	1.5	22.16	164.44	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_16QAM	21.06	1.5	22.56	180.3	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_64QAM	19.2	1.5	20.7	117.49	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_64QAM	19.19	1.5	20.69	117.22	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_64QAM	18.67	1.5	20.17	103.99	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_64QAM	19.31	1.5	20.81	120.5	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_256QAM	16.2	1.5	17.7	58.88	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_256QAM	16	1.5	17.5	56.23	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_256QAM	16.65	1.5	18.15	65.31	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	22.26	1.5	23.76	237.68	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	22.86	1.5	24.36	272.9	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	22.38	1.5	23.88	244.34	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	23.09	1.5	24.59	287.74	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	21.77	1.5	23.27	212.32	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	22.83	1.5	24.33	271.02	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	22.43	1.5	23.93	247.17	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	23.14	1.5	24.64	291.07	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	21.02	1.5	22.52	178.65	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	21.81	1.5	23.31	214.29	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	20.28	1.5	21.78	150.66	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	20.27	1.5	21.77	150.31	1000	PASS

n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	20.65	1.5	22.15	164.06	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	18.3	1.5	19.8	95.5	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	17.75	1.5	19.25	84.14	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	18.54	1.5	20.04	100.93	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	21.18	1.5	22.68	185.35	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	20.75	1.5	22.25	167.88	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	21.5	1.5	23	199.53	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_16QAM	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_16QAM	20.71	1.5	22.21	166.34	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_16QAM	20.26	1.5	21.76	149.97	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_64QAM	19.23	1.5	20.73	118.3	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_64QAM	19.23	1.5	20.73	118.3	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_64QAM	18.55	1.5	20.05	101.16	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_64QAM	19.33	1.5	20.83	121.06	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_256QAM	16.29	1.5	17.79	60.12	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_256QAM	15.88	1.5	17.38	54.7	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_256QAM	16.69	1.5	18.19	65.92	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	23.14	1.5	24.64	291.07	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	21.71	1.5	23.21	209.41	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	22.72	1.5	24.22	264.24	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	23.16	1.5	24.66	292.42	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	20.72	1.5	22.22	166.72	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	21.68	1.5	23.18	207.97	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	21.22	1.5	22.72	187.07	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	21.82	1.5	23.32	214.78	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	20.2	1.5	21.7	147.91	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	19.92	1.5	21.42	138.68	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	20.56	1.5	22.06	160.69	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	18.19	1.5	19.69	93.11	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	17.86	1.5	19.36	86.3	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	18.53	1.5	20.03	100.69	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	19.71	1.5	21.21	132.13	1000	PASS

n78(3700-3800)	30	90	649668	123@61	CP_QPSK	21.14	1.5	22.64	183.65	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	20.88	1.5	22.38	172.98	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	21.52	1.5	23.02	200.45	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_16QAM	19.69	1.5	21.19	131.52	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_16QAM	20.67	1.5	22.17	164.82	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_16QAM	20.42	1.5	21.92	155.6	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_16QAM	21.09	1.5	22.59	181.55	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_64QAM	19.22	1.5	20.72	118.03	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_64QAM	19.16	1.5	20.66	116.41	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_64QAM	18.66	1.5	20.16	103.75	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_64QAM	19.32	1.5	20.82	120.78	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_256QAM	16.22	1.5	17.72	59.16	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_256QAM	16.19	1.5	17.69	58.75	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_256QAM	16.01	1.5	17.51	56.36	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_256QAM	16.68	1.5	18.18	65.77	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	22.23	1.5	23.73	236.05	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	22.79	1.5	24.29	268.53	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	22.41	1.5	23.91	246.04	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	23.11	1.5	24.61	289.07	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	21.74	1.5	23.24	210.86	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	22.78	1.5	24.28	267.92	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	23.15	1.5	24.65	291.74	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	20.73	1.5	22.23	167.11	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	21.11	1.5	22.61	182.39	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	21.85	1.5	23.35	216.27	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	20.21	1.5	21.71	148.25	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	19.84	1.5	21.34	136.14	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	20.54	1.5	22.04	159.96	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	18.27	1.5	19.77	94.84	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	17.81	1.5	19.31	85.31	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	18.53	1.5	20.03	100.69	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	19.7	1.5	21.2	131.83	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	21.17	1.5	22.67	184.93	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	20.84	1.5	22.34	171.4	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	21.53	1.5	23.03	200.91	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_16QAM	19.68	1.5	21.18	131.22	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_16QAM	20.7	1.5	22.2	165.96	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_16QAM	21.08	1.5	22.58	181.13	1000	PASS

n78(3700-3800)	30	90	650000	245@0	CP_64QAM	19.22	1.5	20.72	118.03	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_64QAM	19.21	1.5	20.71	117.76	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_64QAM	18.62	1.5	20.12	102.8	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_64QAM	19.32	1.5	20.82	120.78	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_256QAM	16.27	1.5	17.77	59.84	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_256QAM	16.25	1.5	17.75	59.57	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_256QAM	15.98	1.5	17.48	55.98	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_256QAM	16.7	1.5	18.2	66.07	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	22.21	1.5	23.71	234.96	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	22.81	1.5	24.31	269.77	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	22.38	1.5	23.88	244.34	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	23.06	1.5	24.56	285.76	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	21.7	1.5	23.2	208.93	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	22.81	1.5	24.31	269.77	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	23.14	1.5	24.64	291.07	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	20.68	1.5	22.18	165.2	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	21.73	1.5	23.23	210.38	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	21.08	1.5	22.58	181.13	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	21.79	1.5	23.29	213.3	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	20.19	1.5	21.69	147.57	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	19.86	1.5	21.36	136.77	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	20.61	1.5	22.11	162.55	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	18.25	1.5	19.75	94.41	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	17.79	1.5	19.29	84.92	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	18.53	1.5	20.03	100.69	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	19.65	1.5	21.15	130.32	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	21.19	1.5	22.69	185.78	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	20.78	1.5	22.28	169.04	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	21.62	1.5	23.12	205.12	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_16QAM	19.65	1.5	21.15	130.32	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_16QAM	20.64	1.5	22.14	163.68	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_16QAM	20.3	1.5	21.8	151.36	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_16QAM	21.13	1.5	22.63	183.23	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_64QAM	19.18	1.5	20.68	116.95	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_64QAM	19.2	1.5	20.7	117.49	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_64QAM	18.58	1.5	20.08	101.86	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_64QAM	19.41	1.5	20.91	123.31	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_256QAM	16.22	1.5	17.72	59.16	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_256QAM	16.25	1.5	17.75	59.57	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_256QAM	15.92	1.5	17.42	55.21	1000	PASS

n78(3700-3800)	30	90	650332	1@243	CP_256QAM	16.75	1.5	18.25	66.83	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	22.22	1.5	23.72	235.5	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	22.84	1.5	24.34	271.64	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	22.48	1.5	23.98	250.03	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	23.19	1.5	24.69	294.44	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	21.69	1.5	23.19	208.45	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	22.76	1.5	24.26	266.69	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	23.24	1.5	24.74	297.85	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	20.7	1.5	22.2	165.96	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	21.72	1.5	23.22	209.89	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	21.17	1.5	22.67	184.93	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	21.88	1.5	23.38	217.77	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	20.24	1.5	21.74	149.28	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	19.9	1.5	21.4	138.04	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	20.64	1.5	22.14	163.68	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	18.23	1.5	19.73	93.97	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	18.26	1.5	19.76	94.62	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	17.91	1.5	19.41	87.3	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	18.61	1.5	20.11	102.57	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	19.73	1.5	21.23	132.74	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	21.15	1.5	22.65	184.08	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	20.91	1.5	22.41	174.18	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	21.6	1.5	23.1	204.17	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_16QAM	19.72	1.5	21.22	132.43	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_16QAM	20.68	1.5	22.18	165.2	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_16QAM	20.41	1.5	21.91	155.24	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_16QAM	21.09	1.5	22.59	181.55	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_64QAM	19.22	1.5	20.72	118.03	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_64QAM	19.19	1.5	20.69	117.22	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_64QAM	19.35	1.5	20.85	121.62	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_256QAM	16.26	1.5	17.76	59.7	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_256QAM	16.23	1.5	17.73	59.29	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_256QAM	16.03	1.5	17.53	56.62	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_256QAM	16.77	1.5	18.27	67.14	1000	PASS

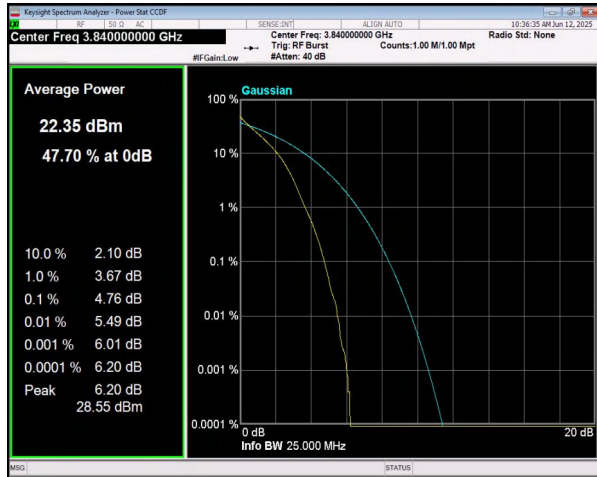
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-8.5	-0.00221	PASS
20	6	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-5.7	-0.00148	PASS
20	8.9	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	1.2	0.00031	PASS
-30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-4.7	-0.00122	PASS
-20	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.9	-0.00049	PASS
-10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3	-0.00078	PASS
0	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.6	-0.00094	PASS
10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-0.4	-0.0001	PASS
30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-2.4	-0.00063	PASS
40	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.8	-0.00047	PASS
50	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-4	-0.00104	PASS

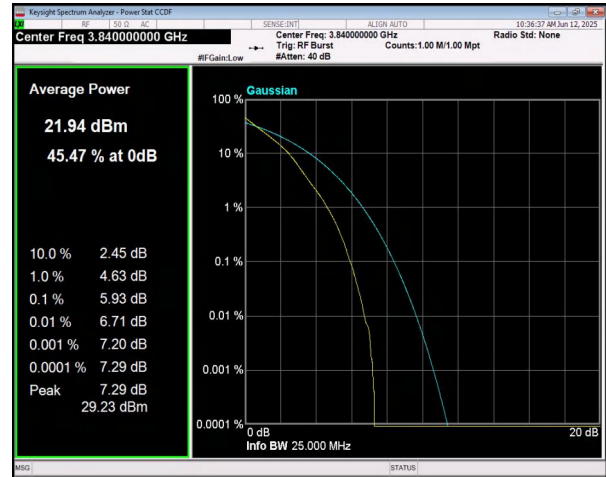
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

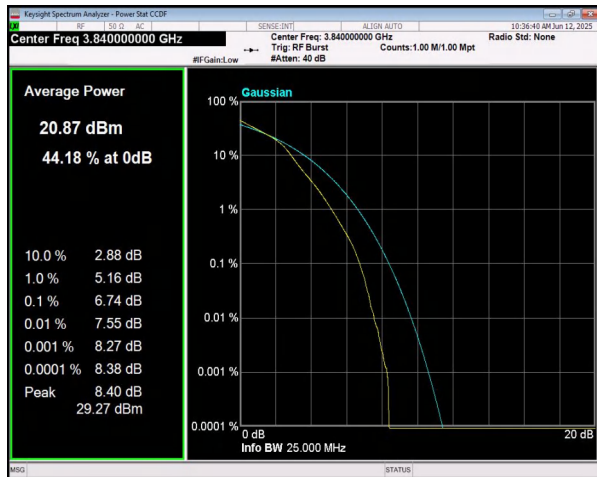
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.76	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.93	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.74	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.78	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.76	13	PASS



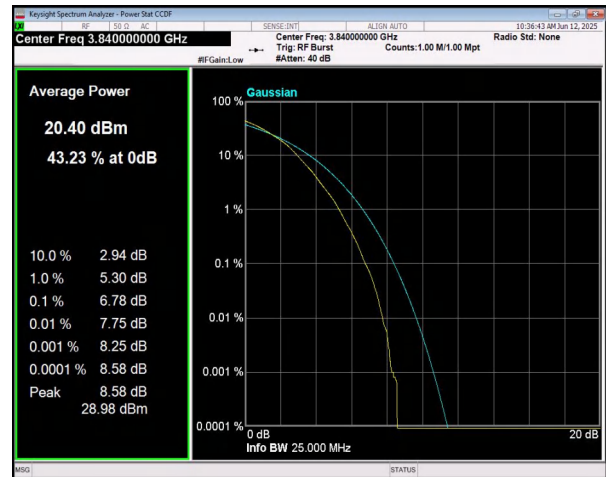
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



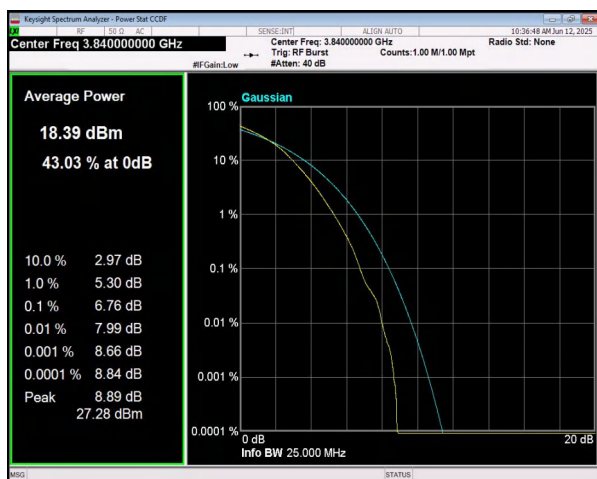
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz
Channel=656000 RB=50@0



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

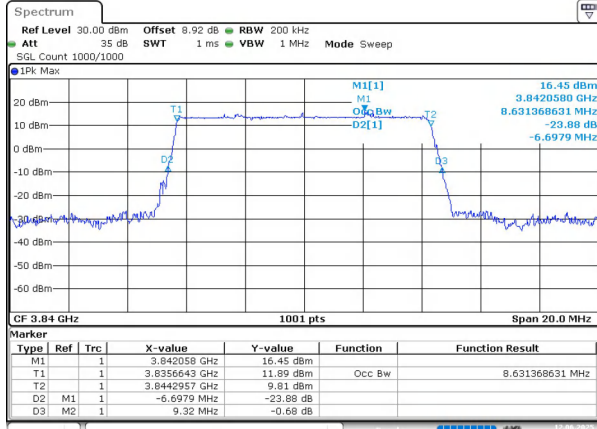


n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
Channel=656000 RB=50@0

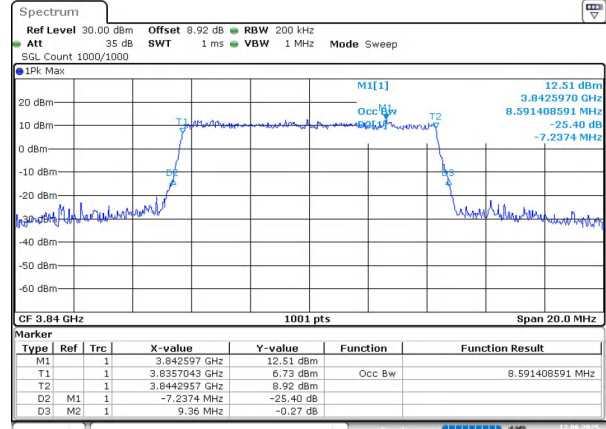
4. Occupied Bandwidth

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	8.631	9.320	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_QPSK	8.591	9.360	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_16QAM	8.611	9.340	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_64QAM	8.611	9.440	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_256QAM	8.651	9.460	PASS
n77(3700-3980)	30	15	656000	3840	36@0	DFT_BPSK	12.947	13.860	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_QPSK	13.636	14.670	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_16QAM	13.576	14.610	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_64QAM	13.696	14.670	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_256QAM	13.636	14.580	PASS
n77(3700-3980)	30	20	656000	3840	50@0	DFT_BPSK	18.062	19.200	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_QPSK	18.342	19.600	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_16QAM	18.342	19.640	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_64QAM	18.342	19.600	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_256QAM	18.342	19.520	PASS
n77(3700-3980)	30	40	656000	3840	100@0	DFT_BPSK	36.124	38.320	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_QPSK	38.042	40.320	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_16QAM	38.042	40.400	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_64QAM	38.042	40.400	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_256QAM	37.962	40.400	PASS
n77(3700-3980)	30	50	656000	3840	128@0	DFT_BPSK	45.754	48.300	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_QPSK	47.453	50.100	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_16QAM	47.552	50.000	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_64QAM	47.652	50.200	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_256QAM	47.453	50.100	PASS
n77(3700-3980)	30	60	656000	3840	162@0	DFT_BPSK	58.501	62.520	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_QPSK	58.262	62.640	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_16QAM	58.382	62.520	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	58.262	62.880	PASS
n77(3700-3980)	30	70	656000	3840	180@0	DFT_BPSK	64.895	69.300	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_QPSK	68.112	72.660	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_16QAM	68.112	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_64QAM	68.112	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_256QAM	68.112	72.520	PASS
n77(3700-3980)	30	80	656000	3840	216@0	DFT_BPSK	77.522	82.240	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_QPSK	78.002	82.400	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_16QAM	78.002	82.400	PASS

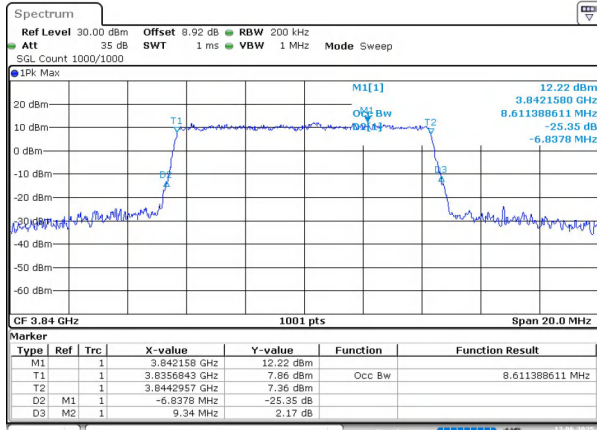
n77(3700-3980)	30	80	656000	3840	217@0	CP_64QAM	77.842	82.400	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_256QAM	78.002	82.720	PASS
n77(3700-3980)	30	90	656000	3840	243@0	DFT_BPSK	87.213	91.800	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_QPSK	87.932	92.880	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_16QAM	87.752	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_64QAM	87.752	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_256QAM	87.572	92.700	PASS
n77(3700-3980)	30	100	656000	3840	270@0	DFT_BPSK	96.503	101.800	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	97.303	102.600	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_256QAM	97.502	102.600	PASS



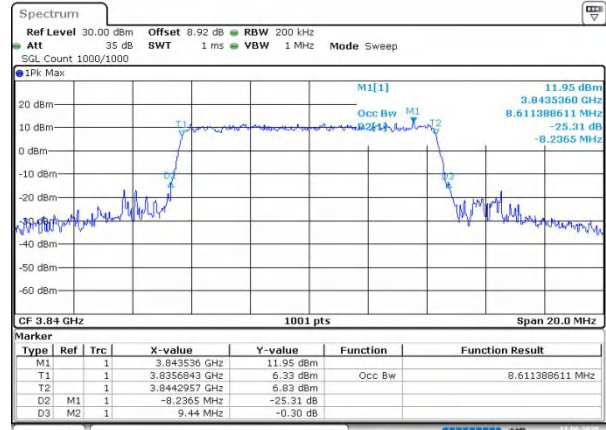
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
Channel=656000 RB=24@0



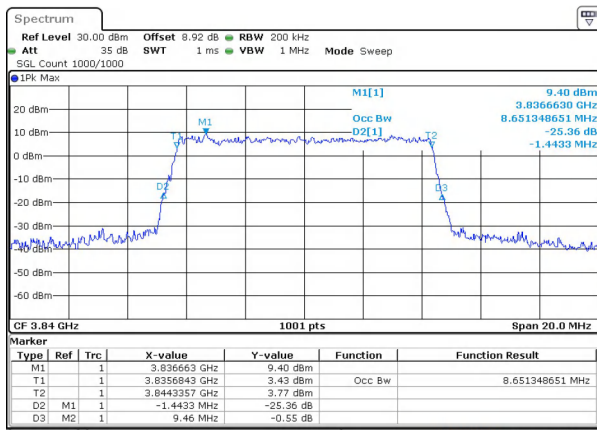
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz
Channel=656000 RB=24@0



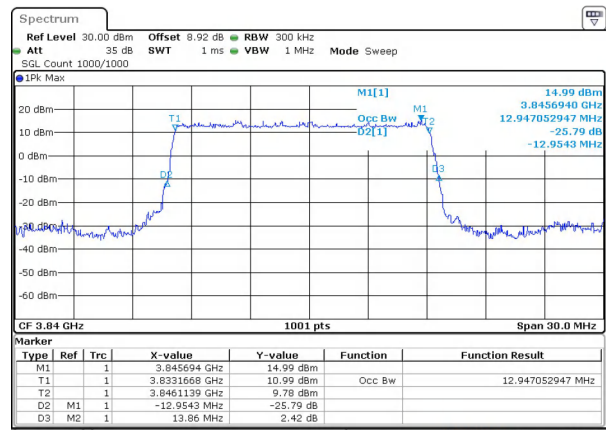
n77(3700-3980) SCS=30kHz CP_16QAM BW=10MHz
Channel=656000 RB=24@0



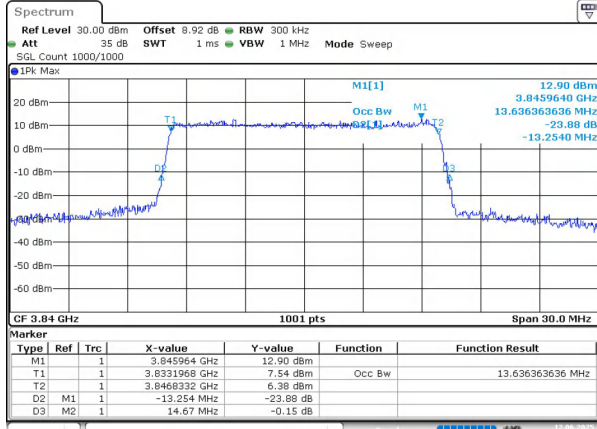
n77(3700-3980) SCS=30kHz CP_64QAM BW=10MHz
Channel=656000 RB=24@0



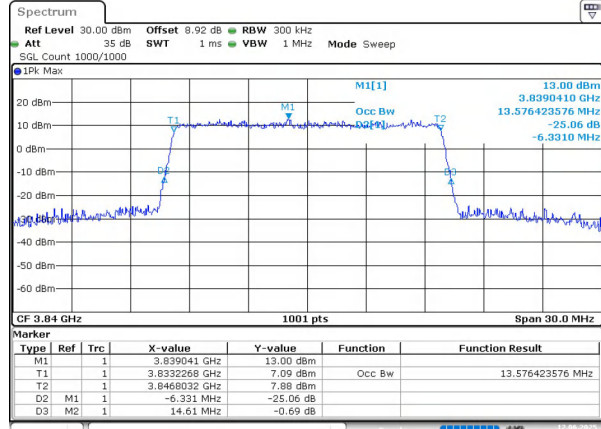
n77(3700-3980) SCS=30kHz CP_256QAM BW=10MHz
Channel=656000 RB=24@0



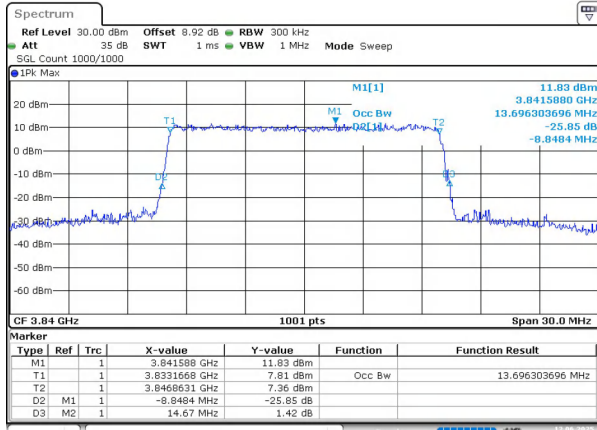
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
Channel=656000 RB=36@0



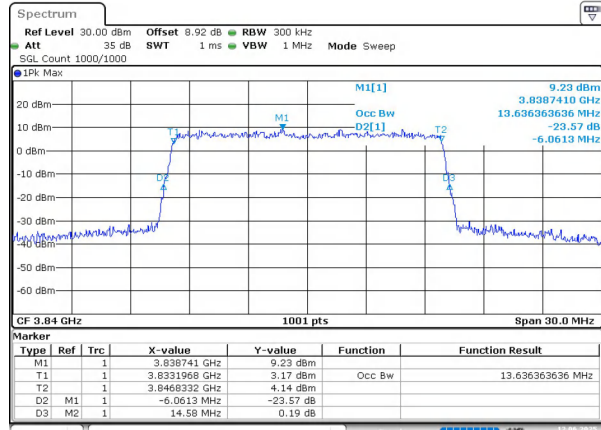
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
Channel=656000 RB=38@0



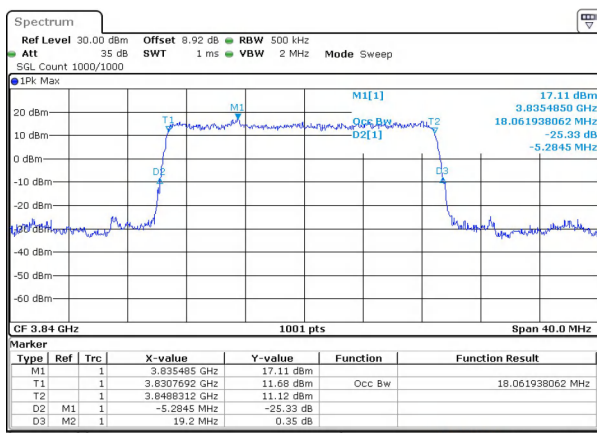
n77(3700-3980) SCS=30kHz CP_16QAM BW=15MHz
Channel=656000 RB=38@0



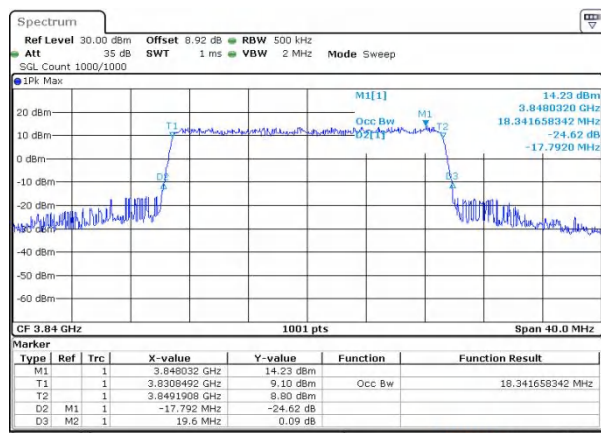
n77(3700-3980) SCS=30kHz CP_64QAM BW=15MHz
Channel=656000 RB=38@0



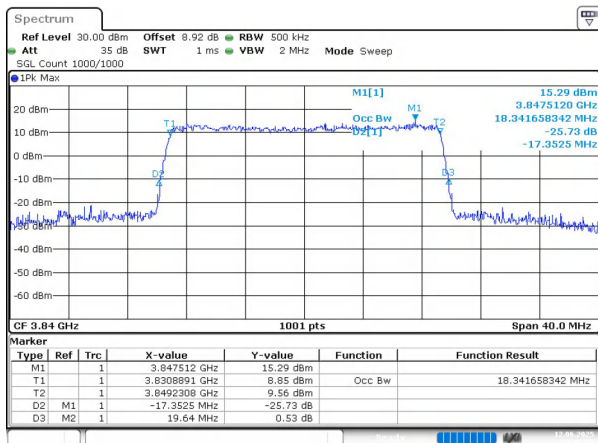
n77(3700-3980) SCS=30kHz CP_256QAM BW=15MHz
Channel=656000 RB=38@0



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



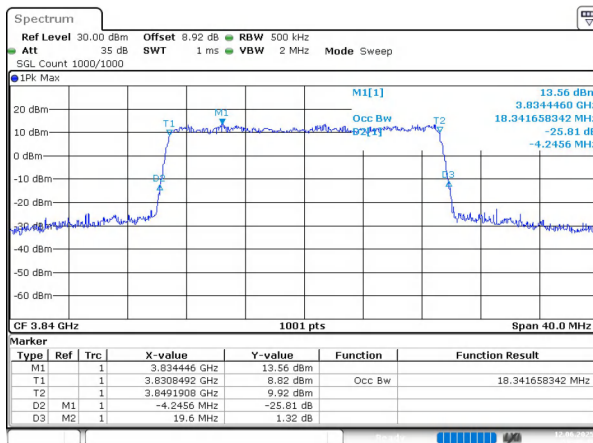
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz
Channel=656000 RB=51@0



Date: 12.JUN.2025 09:08:37

n77(3700-3980) SCS=30kHz CP 16QAM BW=20MHz

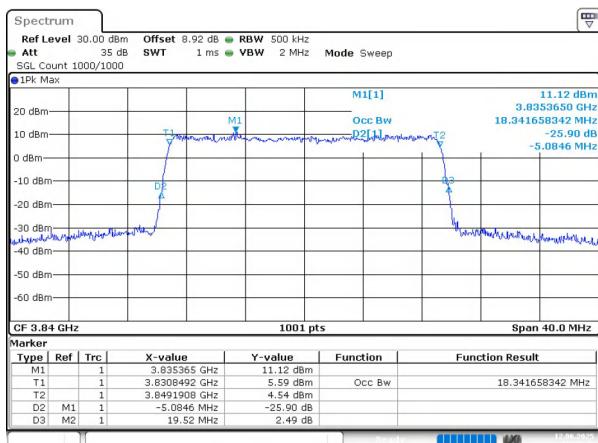
Channel=656000 RB=51@0



Date: 12.JUN.2025 09:08:42

n77(3700-3980) SCS=30kHz CP 64QAM BW=20MHz

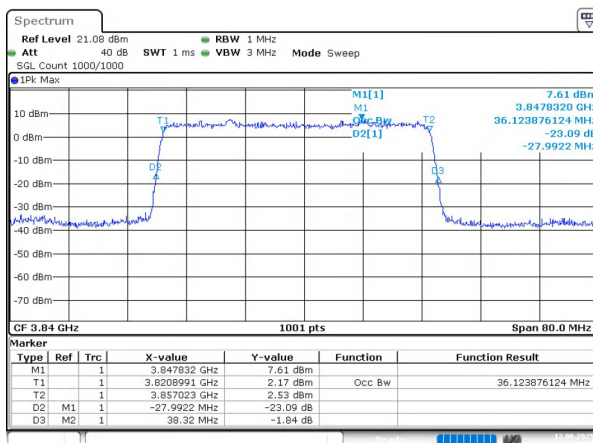
Channel=656000 RB=51@0



Date: 12.JUN.2025 09:08:48

n77(3700-3980) SCS=30kHz CP 256QAM BW=20MHz

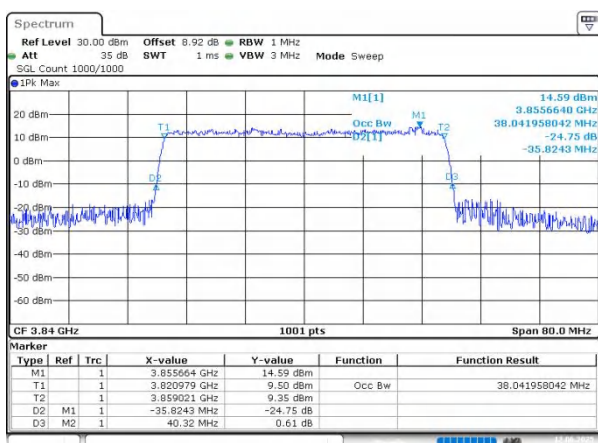
Channel=656000 RB=51@0



Date: 12.JUN.2025 09:09:07

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

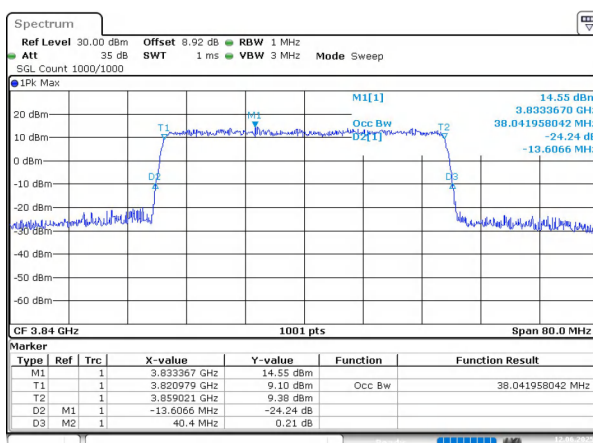
Channel=656000 RB=100@0



Date: 12.JUN.2025 09:09:15

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

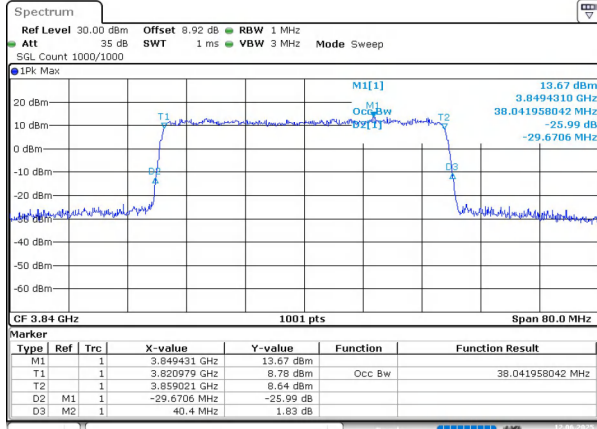
Channel=656000 RB=106@0



Date: 12.JUN.2025 09:09:19

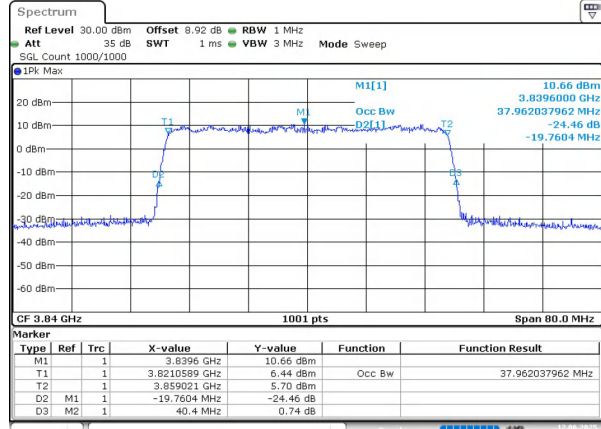
n77(3700-3980) SCS=30kHz CP 16QAM BW=40MHz

Channel=656000 RB=106@0



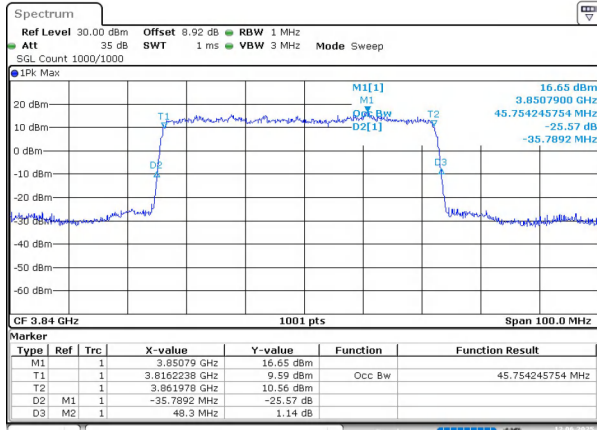
n77(3700-3980) SCS=30kHz CP_64QAM BW=40MHz

Channel=656000 RB=106@0



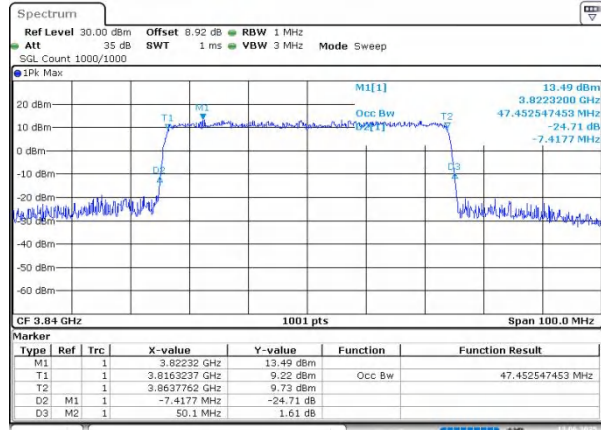
n77(3700-3980) SCS=30kHz CP_256QAM BW=40MHz

Channel=656000 RB=106@0



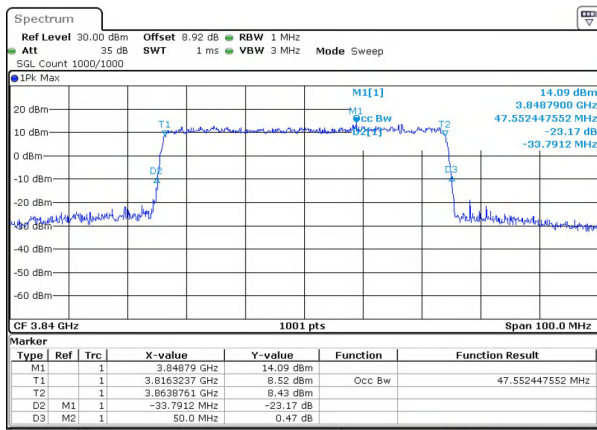
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz

Channel=656000 RB=128@0



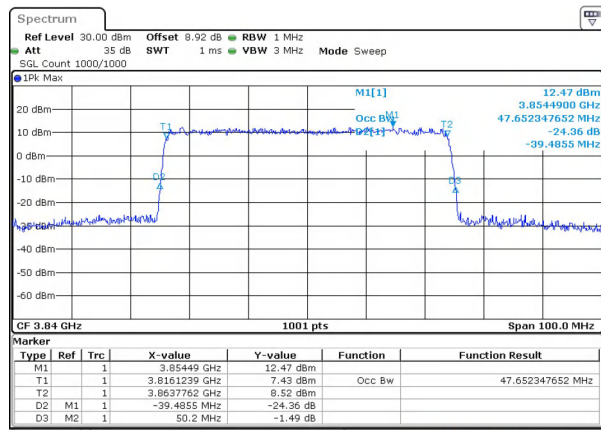
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz

Channel=656000 RB=133@0



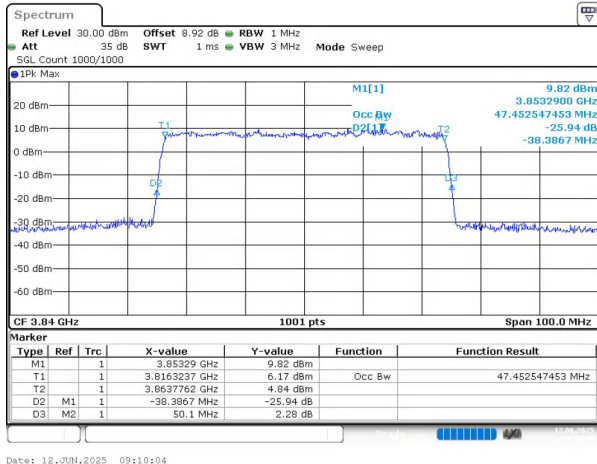
n77(3700-3980) SCS=30kHz CP_16QAM BW=50MHz

Channel=656000 RB=133@0

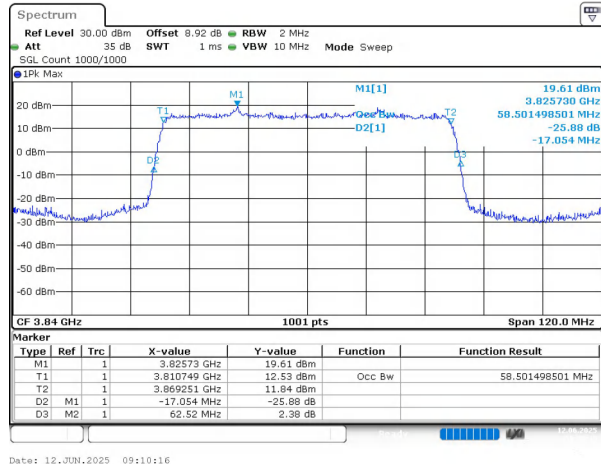


n77(3700-3980) SCS=30kHz CP_64QAM BW=50MHz

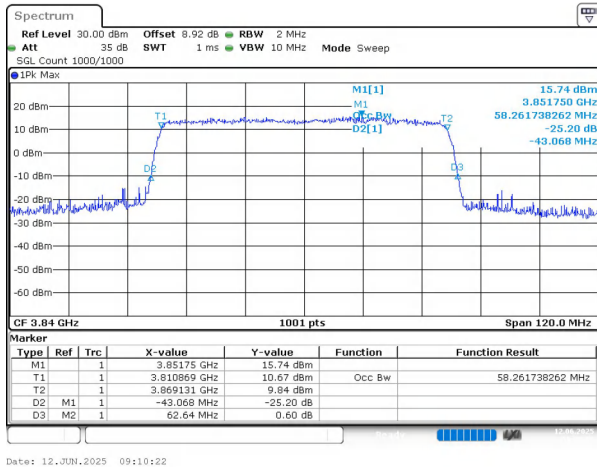
Channel=656000 RB=133@0



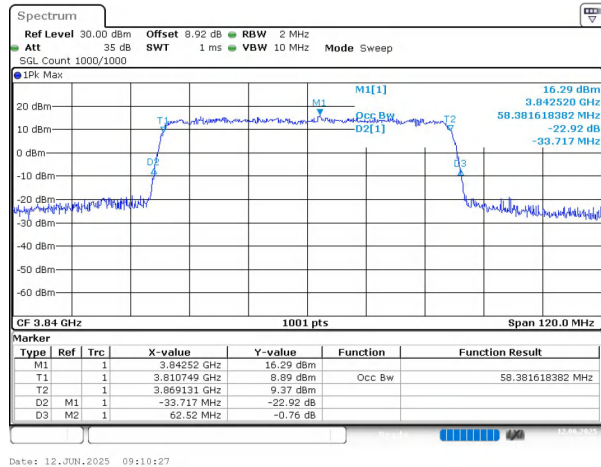
n77(3700-3980) SCS=30kHz CP_256QAM BW=50MHz
Channel=656000 RB=133@0



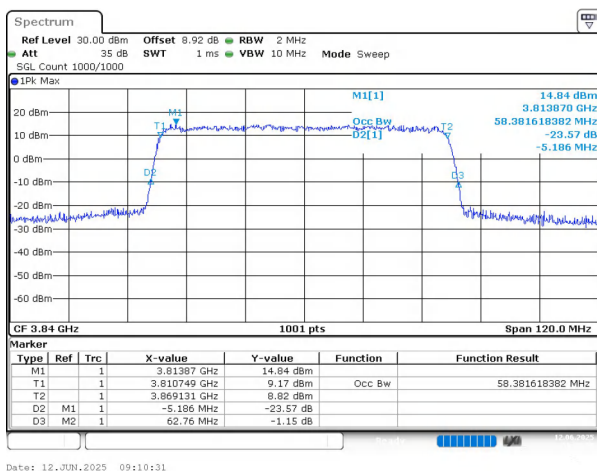
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
Channel=656000 RB=162@0



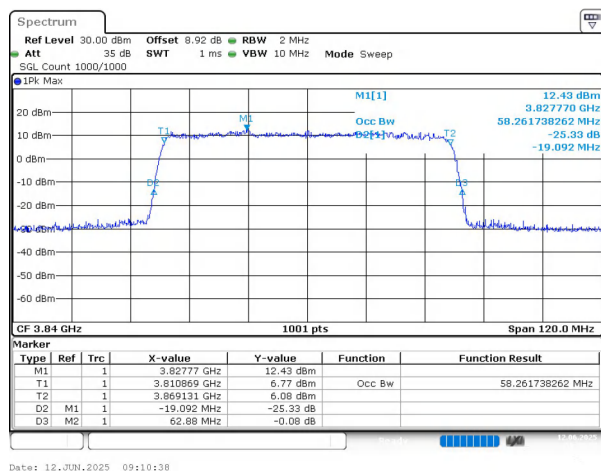
n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz
Channel=656000 RB=162@0



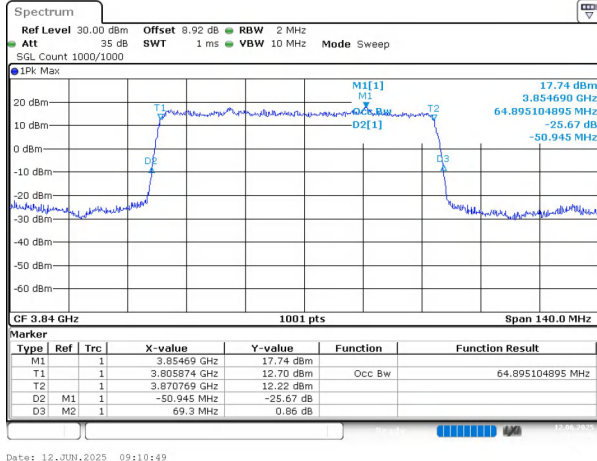
n77(3700-3980) SCS=30kHz CP_16QAM BW=60MHz
Channel=656000 RB=162@0



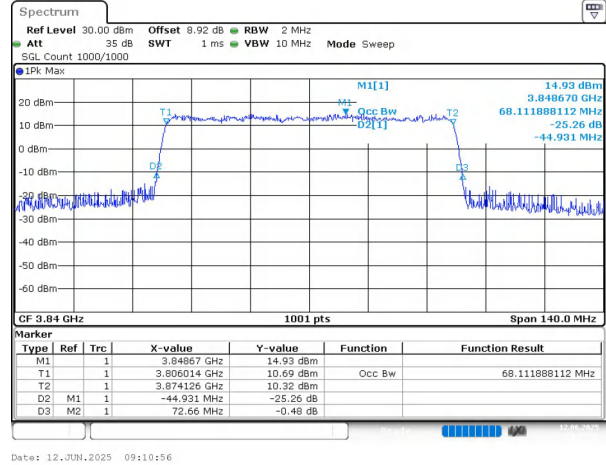
n77(3700-3980) SCS=30kHz CP_64QAM BW=60MHz
Channel=656000 RB=162@0



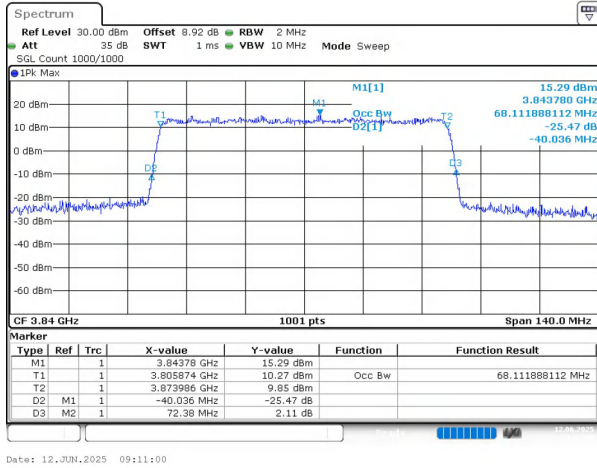
n77(3700-3980) SCS=30kHz CP_256QAM BW=60MHz
Channel=656000 RB=162@0



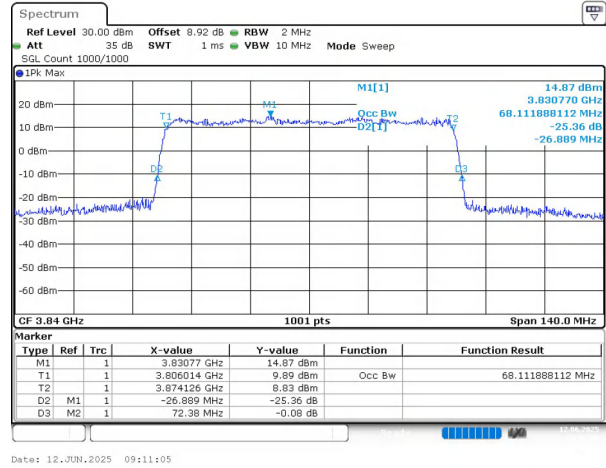
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
Channel=656000 RB=180@0



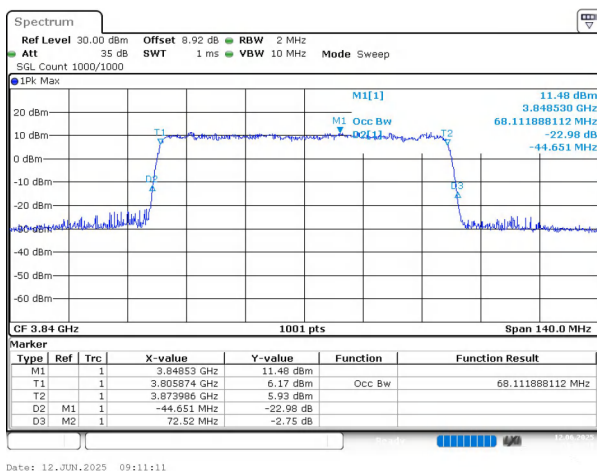
n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz
Channel=656000 RB=189@0



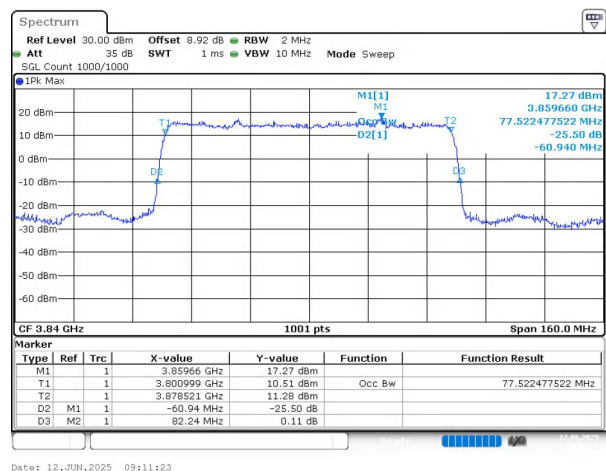
n77(3700-3980) SCS=30kHz CP_16QAM BW=70MHz
Channel=656000 RB=189@0



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



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



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