

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	24.04	1.57	25.61	363.92	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	24.54	1.57	26.11	408.32	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	24.43	1.57	26	398.11	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	24.38	1.57	25.95	393.55	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	23.54	1.57	25.11	324.34	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	24.85	1.57	26.42	438.53	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	24.4	1.57	25.97	395.37	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	24.36	1.57	25.93	391.74	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	22.54	1.57	24.11	257.63	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	23.48	1.57	25.05	319.89	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	23.47	1.57	25.04	319.15	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	23.39	1.57	24.96	313.33	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	22.1	1.57	23.67	232.81	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	22.1	1.57	23.67	232.81	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	21.97	1.57	23.54	225.94	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	21.88	1.57	23.45	221.31	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	20.07	1.57	21.64	145.88	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	20.05	1.57	21.62	145.21	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	20.05	1.57	21.62	145.21	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	19.96	1.57	21.53	142.23	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	21.55	1.57	23.12	205.12	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	23.05	1.57	24.62	289.73	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	23.03	1.57	24.6	288.4	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	22.95	1.57	24.52	283.14	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_16QAM	21.54	1.57	23.11	204.64	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	22.64	1.57	24.21	263.63	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	22.43	1.57	24	251.19	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	22.34	1.57	23.91	246.04	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	21.06	1.57	22.63	183.23	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	20.99	1.57	22.56	180.3	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	21.02	1.57	22.59	181.55	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	20.94	1.57	22.51	178.24	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	18.02	1.57	19.59	90.99	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	18.03	1.57	19.6	91.2	1000	PASS

n77(3700-3980)	30	10	647000	1@1	CP_256QAM	18.08	1.57	19.65	92.26	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	18.02	1.57	19.59	90.99	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	23.79	1.57	25.36	343.56	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	24.3	1.57	25.87	386.37	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	24.11	1.57	25.68	369.83	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	24.19	1.57	25.76	376.7	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	23.3	1.57	24.87	306.9	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	24.3	1.57	25.87	386.37	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	24.32	1.57	25.89	388.15	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	23.32	1.57	24.89	308.32	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	23.24	1.57	24.81	302.69	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	23.32	1.57	24.89	308.32	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	21.8	1.57	23.37	217.27	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	21.88	1.57	23.45	221.31	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	21.77	1.57	23.34	215.77	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	21.85	1.57	23.42	219.79	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	19.81	1.57	21.38	137.4	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	19.78	1.57	21.35	136.46	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	19.48	1.57	21.05	127.35	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	19.56	1.57	21.13	129.72	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	21.25	1.57	22.82	191.43	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	22.67	1.57	24.24	265.46	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	22.76	1.57	24.33	271.02	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	21.29	1.57	22.86	193.2	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	22.33	1.57	23.9	245.47	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	22.12	1.57	23.69	233.88	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	22.18	1.57	23.75	237.14	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	20.83	1.57	22.4	173.78	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	20.86	1.57	22.43	174.98	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	17.76	1.57	19.33	85.7	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	17.79	1.57	19.36	86.3	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	17.8	1.57	19.37	86.5	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	17.88	1.57	19.45	88.1	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	23.72	1.57	25.29	338.06	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	24.2	1.57	25.77	377.57	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	24.1	1.57	25.67	368.98	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	24.06	1.57	25.63	365.59	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	23.23	1.57	24.8	302	1000	PASS

n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	24.21	1.57	25.78	378.44	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	24.06	1.57	25.63	365.59	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	24.01	1.57	25.58	361.41	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	22.21	1.57	23.78	238.78	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	23.13	1.57	24.7	295.12	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	23.16	1.57	24.73	297.17	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	23.09	1.57	24.66	292.42	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	21.77	1.57	23.34	215.77	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	21.77	1.57	23.34	215.77	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	21.64	1.57	23.21	209.41	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	21.6	1.57	23.17	207.49	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	19.76	1.57	21.33	135.83	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	19.77	1.57	21.34	136.14	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	19.64	1.57	21.21	132.13	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	22.71	1.57	24.28	267.92	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	22.69	1.57	24.26	266.69	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	22.62	1.57	24.19	262.42	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_16QAM	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	22.3	1.57	23.87	243.78	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	22.11	1.57	23.68	233.35	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	22.06	1.57	23.63	230.67	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	20.74	1.57	22.31	170.22	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	20.67	1.57	22.24	167.49	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	20.72	1.57	22.29	169.43	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	20.68	1.57	22.25	167.88	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	17.74	1.57	19.31	85.31	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	17.73	1.57	19.3	85.11	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	17.79	1.57	19.36	86.3	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	17.76	1.57	19.33	85.7	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	24.01	1.57	25.58	361.41	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	24.5	1.57	26.07	404.58	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	24.39	1.57	25.96	394.46	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	24.31	1.57	25.88	387.26	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	23.52	1.57	25.09	322.85	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	24.53	1.57	26.1	407.38	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	24.4	1.57	25.97	395.37	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	24.29	1.57	25.86	385.48	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	22.52	1.57	24.09	256.45	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	23.54	1.57	25.11	324.34	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	23.47	1.57	25.04	319.15	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	23.36	1.57	24.93	311.17	1000	PASS

n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	22.01	1.57	23.58	228.03	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	22.07	1.57	23.64	231.21	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	21.95	1.57	23.52	224.91	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	19.99	1.57	21.56	143.22	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	20.02	1.57	21.59	144.21	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	20.02	1.57	21.59	144.21	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	19.93	1.57	21.5	141.25	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	21.5	1.57	23.07	202.77	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	22.97	1.57	24.54	284.45	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	22.87	1.57	24.44	277.97	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	21.46	1.57	23.03	200.91	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	22.55	1.57	24.12	258.23	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	22.42	1.57	23.99	250.61	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	22.32	1.57	23.89	244.91	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	21	1.57	22.57	180.72	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	21	1.57	22.57	180.72	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	20.98	1.57	22.55	179.89	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	20.87	1.57	22.44	175.39	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	18.01	1.57	19.58	90.78	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	18	1.57	19.57	90.57	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	18.05	1.57	19.62	91.62	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	17.99	1.57	19.56	90.36	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	23.79	1.57	25.36	343.56	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	24.25	1.57	25.82	381.94	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	24.1	1.57	25.67	368.98	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	23.28	1.57	24.85	305.49	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	24.28	1.57	25.85	384.59	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	24.08	1.57	25.65	367.28	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	23.29	1.57	24.86	306.2	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	23.14	1.57	24.71	295.8	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	23.27	1.57	24.84	304.79	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	21.79	1.57	23.36	216.77	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	21.6	1.57	23.17	207.49	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	21.74	1.57	23.31	214.29	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	19.8	1.57	21.37	137.09	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	19.8	1.57	21.37	137.09	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	19.75	1.57	21.32	135.52	1000	PASS

n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	19.85	1.57	21.42	138.68	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	21.27	1.57	22.84	192.31	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	22.72	1.57	24.29	268.53	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	22.6	1.57	24.17	261.22	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	22.72	1.57	24.29	268.53	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_16QAM	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	22.3	1.57	23.87	243.78	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	22.17	1.57	23.74	236.59	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	20.78	1.57	22.35	171.79	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	20.76	1.57	22.33	171	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	20.84	1.57	22.41	174.18	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	17.79	1.57	19.36	86.3	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	17.72	1.57	19.29	84.92	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	17.78	1.57	19.35	86.1	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	17.91	1.57	19.48	88.72	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	24.2	1.57	25.77	377.57	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	24.08	1.57	25.65	367.28	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	24.01	1.57	25.58	361.41	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	23.23	1.57	24.8	302	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	24.04	1.57	25.61	363.92	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	23.97	1.57	25.54	358.1	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	22.22	1.57	23.79	239.33	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	23.26	1.57	24.83	304.09	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	23.15	1.57	24.72	296.48	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	23.06	1.57	24.63	290.4	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	21.71	1.57	23.28	212.81	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	21.6	1.57	23.17	207.49	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	21.53	1.57	23.1	204.17	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	19.75	1.57	21.32	135.52	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	19.77	1.57	21.34	136.14	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	19.62	1.57	21.19	131.52	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	22.67	1.57	24.24	265.46	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	22.63	1.57	24.2	263.03	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	22.55	1.57	24.12	258.23	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	21.18	1.57	22.75	188.36	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	22.26	1.57	23.83	241.55	1000	PASS

n77(3700-3980)	30	15	664832	1@1	CP_16QAM	22.17	1.57	23.74	236.59	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	22.07	1.57	23.64	231.21	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	20.67	1.57	22.24	167.49	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	20.75	1.57	22.32	170.61	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	20.78	1.57	22.35	171.79	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	20.64	1.57	22.21	166.34	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	17.72	1.57	19.29	84.92	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	17.71	1.57	19.28	84.72	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	17.56	1.57	19.13	81.85	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	17.43	1.57	19	79.43	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	23.92	1.57	25.49	354	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	24.44	1.57	26.01	399.02	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	24.32	1.57	25.89	388.15	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	24.16	1.57	25.73	374.11	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	23.43	1.57	25	316.23	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	24.47	1.57	26.04	401.79	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	24.16	1.57	25.73	374.11	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	22.44	1.57	24.01	251.77	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	23.45	1.57	25.02	317.69	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	23.38	1.57	24.95	312.61	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	23.2	1.57	24.77	299.92	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	21.93	1.57	23.5	223.87	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	21.94	1.57	23.51	224.39	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	21.88	1.57	23.45	221.31	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	21.67	1.57	23.24	210.86	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	19.96	1.57	21.53	142.23	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	19.98	1.57	21.55	142.89	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	19.92	1.57	21.49	140.93	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	19.79	1.57	21.36	136.77	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	21.4	1.57	22.97	198.15	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	22.87	1.57	24.44	277.97	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	22.84	1.57	24.41	276.06	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	22.67	1.57	24.24	265.46	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	21.43	1.57	23	199.53	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	22.46	1.57	24.03	252.93	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	22.11	1.57	23.68	233.35	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	20.9	1.57	22.47	176.6	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	20.95	1.57	22.52	178.65	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	20.92	1.57	22.49	177.42	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	20.75	1.57	22.32	170.61	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	17.88	1.57	19.45	88.1	1000	PASS

n77(3700-3980)	30	20	647334	25@12	CP_256QAM	17.91	1.57	19.48	88.72	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	17.99	1.57	19.56	90.36	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	17.84	1.57	19.41	87.3	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	23.75	1.57	25.32	340.41	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	24.28	1.57	25.85	384.59	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	24.01	1.57	25.58	361.41	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	24.18	1.57	25.75	375.84	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	23.26	1.57	24.83	304.09	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	24.3	1.57	25.87	386.37	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	23.99	1.57	25.56	359.75	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	24.18	1.57	25.75	375.84	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	22.24	1.57	23.81	240.44	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	23.31	1.57	24.88	307.61	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	23.05	1.57	24.62	289.73	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	23.22	1.57	24.79	301.3	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	21.77	1.57	23.34	215.77	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	21.78	1.57	23.35	216.27	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	21.5	1.57	23.07	202.77	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	21.69	1.57	23.26	211.84	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	19.79	1.57	21.36	136.77	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	19.83	1.57	21.4	138.04	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	19.63	1.57	21.2	131.83	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	19.85	1.57	21.42	138.68	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	21.22	1.57	22.79	190.11	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	22.74	1.57	24.31	269.77	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	22.56	1.57	24.13	258.82	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	22.71	1.57	24.28	267.92	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	21.25	1.57	22.82	191.43	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	22.04	1.57	23.61	229.61	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	22.24	1.57	23.81	240.44	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	20.62	1.57	22.19	165.58	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	20.78	1.57	22.35	171.79	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	17.77	1.57	19.34	85.9	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	17.77	1.57	19.34	85.9	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	17.69	1.57	19.26	84.33	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	17.88	1.57	19.45	88.1	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	23.71	1.57	25.28	337.29	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	24.22	1.57	25.79	379.31	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	24.04	1.57	25.61	363.92	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	23.96	1.57	25.53	357.27	1000	PASS

n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	23.21	1.57	24.78	300.61	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	24.24	1.57	25.81	381.07	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	24.01	1.57	25.58	361.41	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	23.92	1.57	25.49	354	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	22.19	1.57	23.76	237.68	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	23.27	1.57	24.84	304.79	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	23.08	1.57	24.65	291.74	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	21.72	1.57	23.29	213.3	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	21.71	1.57	23.28	212.81	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	21.54	1.57	23.11	204.64	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	21.51	1.57	23.08	203.24	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	19.78	1.57	21.35	136.46	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	19.69	1.57	21.26	133.66	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	19.63	1.57	21.2	131.83	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	21.15	1.57	22.72	187.07	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	22.68	1.57	24.25	266.07	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	22.66	1.57	24.23	264.85	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	22.62	1.57	24.19	262.42	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	21.18	1.57	22.75	188.36	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	22.18	1.57	23.75	237.14	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	22.07	1.57	23.64	231.21	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	20.69	1.57	22.26	168.27	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	20.77	1.57	22.34	171.4	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	20.52	1.57	22.09	161.81	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	20.43	1.57	22	158.49	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	17.66	1.57	19.23	83.75	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	17.76	1.57	19.33	85.7	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	17.72	1.57	19.29	84.92	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	17.67	1.57	19.24	83.95	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	23.75	1.57	25.32	340.41	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	24.31	1.57	25.88	387.26	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	23.97	1.57	25.54	358.1	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	23.65	1.57	25.22	332.66	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	23.26	1.57	24.83	304.09	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	23.93	1.57	25.5	354.81	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	23.63	1.57	25.2	331.13	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	23.31	1.57	24.88	307.61	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	22.98	1.57	24.55	285.1	1000	PASS

n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	22.68	1.57	24.25	266.07	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	21.75	1.57	23.32	214.78	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	21.79	1.57	23.36	216.77	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	21.47	1.57	23.04	201.37	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	21.15	1.57	22.72	187.07	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	19.76	1.57	21.33	135.83	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	19.8	1.57	21.37	137.09	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	19.59	1.57	21.16	130.62	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	19.25	1.57	20.82	120.78	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	21.23	1.57	22.8	190.55	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	22.77	1.57	24.34	271.64	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	22.39	1.57	23.96	248.89	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	22.11	1.57	23.68	233.35	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	21.25	1.57	22.82	191.43	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	22.32	1.57	23.89	244.91	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	21.99	1.57	23.56	226.99	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	21.7	1.57	23.27	212.32	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	20.78	1.57	22.35	171.79	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	20.57	1.57	22.14	163.68	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	20.26	1.57	21.83	152.41	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	17.69	1.57	19.26	84.33	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	17.75	1.57	19.32	85.51	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	17.68	1.57	19.25	84.14	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	17.39	1.57	18.96	78.7	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	23.7	1.57	25.27	336.51	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	24.26	1.57	25.83	382.82	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	23.57	1.57	25.14	326.59	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	24.04	1.57	25.61	363.92	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	23.19	1.57	24.76	299.23	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	24.29	1.57	25.86	385.48	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	23.66	1.57	25.23	333.43	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	24.14	1.57	25.71	372.39	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	22.19	1.57	23.76	237.68	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	23.27	1.57	24.84	304.79	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	22.7	1.57	24.27	267.3	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	23.18	1.57	24.75	298.54	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	21.68	1.57	23.25	211.35	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	21.2	1.57	22.77	189.23	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	21.69	1.57	23.26	211.84	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	19.71	1.57	21.28	134.28	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	19.76	1.57	21.33	135.83	1000	PASS

n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	18.93	1.57	20.5	112.2	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	19.4	1.57	20.97	125.03	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	22.76	1.57	24.33	271.02	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	22.11	1.57	23.68	233.35	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	22.59	1.57	24.16	260.62	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	22.31	1.57	23.88	244.34	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	21.69	1.57	23.26	211.84	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	22.12	1.57	23.69	233.88	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	20.68	1.57	22.25	167.88	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	20.75	1.57	22.32	170.61	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	20.23	1.57	21.8	151.36	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	17.71	1.57	19.28	84.72	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	17.75	1.57	19.32	85.51	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	17.28	1.57	18.85	76.74	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	17.76	1.57	19.33	85.7	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	23.7	1.57	25.27	336.51	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	24.24	1.57	25.81	381.07	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	23.71	1.57	25.28	337.29	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	23.66	1.57	25.23	333.43	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	23.19	1.57	24.76	299.23	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	24.28	1.57	25.85	384.59	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	23.67	1.57	25.24	334.2	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	23.61	1.57	25.18	329.61	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	22.19	1.57	23.76	237.68	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	23.24	1.57	24.81	302.69	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	22.77	1.57	24.34	271.64	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	22.71	1.57	24.28	267.92	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	21.69	1.57	23.26	211.84	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	21.74	1.57	23.31	214.29	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	21.17	1.57	22.74	187.93	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	19.72	1.57	21.29	134.59	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	19.81	1.57	21.38	137.4	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	19.34	1.57	20.91	123.31	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	19.31	1.57	20.88	122.46	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	21.14	1.57	22.71	186.64	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	22.71	1.57	24.28	267.92	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	22.2	1.57	23.77	238.23	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	22.14	1.57	23.71	234.96	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	21.15	1.57	22.72	187.07	1000	PASS

n77(3700-3980)	30	40	664000	53@26	CP_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	21.71	1.57	23.28	212.81	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	21.71	1.57	23.28	212.81	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	20.64	1.57	22.21	166.34	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	20.74	1.57	22.31	170.22	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	20.3	1.57	21.87	153.82	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	20.25	1.57	21.82	152.05	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	17.66	1.57	19.23	83.75	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	17.72	1.57	19.29	84.92	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	17.4	1.57	18.97	78.89	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	17.34	1.57	18.91	77.8	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	24.31	1.57	25.88	387.26	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	24.17	1.57	25.74	374.97	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	23.91	1.57	25.48	353.18	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	23.23	1.57	24.8	302	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	24.15	1.57	25.72	373.25	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	23.88	1.57	25.45	350.75	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	22.26	1.57	23.83	241.55	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	23.33	1.57	24.9	309.03	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	23.23	1.57	24.8	302	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	21.8	1.57	23.37	217.27	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	21.68	1.57	23.25	211.35	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	21.45	1.57	23.02	200.45	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	19.71	1.57	21.28	134.28	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	19.8	1.57	21.37	137.09	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	19.49	1.57	21.06	127.64	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	22.64	1.57	24.21	263.63	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	22.39	1.57	23.96	248.89	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_16QAM	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	22.26	1.57	23.83	241.55	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	22.15	1.57	23.72	235.5	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	21.96	1.57	23.53	225.42	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	20.74	1.57	22.31	170.22	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	20.76	1.57	22.33	171	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	20.8	1.57	22.37	172.58	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	20.53	1.57	22.1	162.18	1000	PASS

n77(3700-3980)	30	50	648334	133@0	CP_256QAM	17.7	1.57	19.27	84.53	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	17.76	1.57	19.33	85.7	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	17.85	1.57	19.42	87.5	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	17.58	1.57	19.15	82.22	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	23.74	1.57	25.31	339.63	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	23.68	1.57	25.25	334.97	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	24.32	1.57	25.89	388.15	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	22.26	1.57	23.83	241.55	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	23.35	1.57	24.92	310.46	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	22.78	1.57	24.35	272.27	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	23.38	1.57	24.95	312.61	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	21.81	1.57	23.38	217.77	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	19.83	1.57	21.4	138.04	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	19.31	1.57	20.88	122.46	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	19.91	1.57	21.48	140.6	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	21.27	1.57	22.84	192.31	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	22.26	1.57	23.83	241.55	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	22.84	1.57	24.41	276.06	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	21.22	1.57	22.79	190.11	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	21.75	1.57	23.32	214.78	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	22.34	1.57	23.91	246.04	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	20.76	1.57	22.33	171	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	20.8	1.57	22.37	172.58	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	20.37	1.57	21.94	156.31	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	20.94	1.57	22.51	178.24	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	17.75	1.57	19.32	85.51	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	17.79	1.57	19.36	86.3	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	17.43	1.57	19	79.43	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	17.99	1.57	19.56	90.36	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	23.64	1.57	25.21	331.89	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	24.21	1.57	25.78	378.44	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	23.83	1.57	25.4	346.74	1000	PASS

n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	23.83	1.57	25.4	346.74	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	23.15	1.57	24.72	296.48	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	23.82	1.57	25.39	345.94	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	23.81	1.57	25.38	345.14	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	22.15	1.57	23.72	235.5	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	22.88	1.57	24.45	278.61	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	21.68	1.57	23.25	211.35	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	21.73	1.57	23.3	213.8	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	21.34	1.57	22.91	195.43	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	21.4	1.57	22.97	198.15	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	19.65	1.57	21.22	132.43	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	19.76	1.57	21.33	135.83	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	19.32	1.57	20.89	122.74	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	19.27	1.57	20.84	121.34	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	21.13	1.57	22.7	186.21	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	22.7	1.57	24.27	267.3	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	22.38	1.57	23.95	248.31	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	22.45	1.57	24.02	252.35	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_16QAM	21.11	1.57	22.68	185.35	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	22.15	1.57	23.72	235.5	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	21.95	1.57	23.52	224.91	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	21.94	1.57	23.51	224.39	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	20.61	1.57	22.18	165.2	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	20.67	1.57	22.24	167.49	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	20.53	1.57	22.1	162.18	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	20.52	1.57	22.09	161.81	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	17.65	1.57	19.22	83.56	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	17.7	1.57	19.27	84.53	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	17.3	1.57	18.87	77.09	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	17.29	1.57	18.86	76.91	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	23.67	1.57	25.24	334.2	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	24.02	1.57	25.59	362.24	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	23.81	1.57	25.38	345.14	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	23.15	1.57	24.72	296.48	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	24.23	1.57	25.8	380.19	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	24	1.57	25.57	360.58	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	23.8	1.57	25.37	344.35	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	22.17	1.57	23.74	236.59	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	23.23	1.57	24.8	302	1000	PASS

n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	21.67	1.57	23.24	210.86	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	21.75	1.57	23.32	214.78	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	21.5	1.57	23.07	202.77	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	19.65	1.57	21.22	132.43	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	19.69	1.57	21.26	133.66	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	19.73	1.57	21.3	134.9	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	19.55	1.57	21.12	129.42	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	21.15	1.57	22.72	187.07	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	22.69	1.57	24.26	266.69	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	22.62	1.57	24.19	262.42	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	21.13	1.57	22.7	186.21	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	22.19	1.57	23.76	237.68	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	22.04	1.57	23.61	229.61	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	21.84	1.57	23.41	219.28	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	20.61	1.57	22.18	165.2	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	20.68	1.57	22.25	167.88	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	20.6	1.57	22.17	164.82	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	20.36	1.57	21.93	155.96	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	17.6	1.57	19.17	82.6	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	17.65	1.57	19.22	83.56	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	17.66	1.57	19.23	83.75	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	17.59	1.57	19.16	82.41	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	24.3	1.57	25.87	386.37	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	23.53	1.57	25.1	323.59	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	24.21	1.57	25.78	378.44	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	23.24	1.57	24.81	302.69	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	24.32	1.57	25.89	388.15	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	23.53	1.57	25.1	323.59	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	24.2	1.57	25.77	377.57	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	22.24	1.57	23.81	240.44	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	23.32	1.57	24.89	308.32	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	22.59	1.57	24.16	260.62	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	23.26	1.57	24.83	304.09	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	21.74	1.57	23.31	214.29	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	21.06	1.57	22.63	183.23	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	21.71	1.57	23.28	212.81	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	19.73	1.57	21.3	134.9	1000	PASS

n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	19.8	1.57	21.37	137.09	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	19.27	1.57	20.84	121.34	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	19.92	1.57	21.49	140.93	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	22.79	1.57	24.36	272.9	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	22.05	1.57	23.62	230.14	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	22.83	1.57	24.4	275.42	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	22.26	1.57	23.83	241.55	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	21.68	1.57	23.25	211.35	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	22.35	1.57	23.92	246.6	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	20.69	1.57	22.26	168.27	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	20.05	1.57	21.62	145.21	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	20.72	1.57	22.29	169.43	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	17.71	1.57	19.28	84.72	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	17.73	1.57	19.3	85.11	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	17.24	1.57	18.81	76.03	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	17.88	1.57	19.45	88.1	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	23.56	1.57	25.13	325.84	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	24.19	1.57	25.76	376.7	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	23.67	1.57	25.24	334.2	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	23.1	1.57	24.67	293.09	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	24.2	1.57	25.77	377.57	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	23.61	1.57	25.18	329.61	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	23.64	1.57	25.21	331.89	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	22.08	1.57	23.65	231.74	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	23.19	1.57	24.76	299.23	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	22.66	1.57	24.23	264.85	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	22.69	1.57	24.26	266.69	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	21.59	1.57	23.16	207.01	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	21.71	1.57	23.28	212.81	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	21.16	1.57	22.73	187.5	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	21.18	1.57	22.75	188.36	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	19.6	1.57	21.17	130.92	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	19.71	1.57	21.28	134.28	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	19.27	1.57	20.84	121.34	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	19.33	1.57	20.9	123.03	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	21.07	1.57	22.64	183.65	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	22.66	1.57	24.23	264.85	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	22.13	1.57	23.7	234.42	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	22.17	1.57	23.74	236.59	1000	PASS

n77(3700-3980)	30	60	663332	162@0	CP_16QAM	21.05	1.57	22.62	182.81	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	22.17	1.57	23.74	236.59	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	21.74	1.57	23.31	214.29	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	20.56	1.57	22.13	163.31	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	20.68	1.57	22.25	167.88	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	20.17	1.57	21.74	149.28	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	20.21	1.57	21.78	150.66	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	17.54	1.57	19.11	81.47	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	17.66	1.57	19.23	83.75	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	17.34	1.57	18.91	77.8	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	17.4	1.57	18.97	78.89	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	23.85	1.57	25.42	348.34	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	24.02	1.57	25.59	362.24	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	23.93	1.57	25.5	354.81	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	23.35	1.57	24.92	310.46	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	24.36	1.57	25.93	391.74	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	24.03	1.57	25.6	363.08	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	23.9	1.57	25.47	352.37	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	22.36	1.57	23.93	247.17	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	23.37	1.57	24.94	311.89	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	23.12	1.57	24.69	294.44	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	21.84	1.57	23.41	219.28	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	21.53	1.57	23.1	204.17	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	21.44	1.57	23.01	199.99	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	19.82	1.57	21.39	137.72	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	19.9	1.57	21.47	140.28	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	19.8	1.57	21.37	137.09	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	19.69	1.57	21.26	133.66	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	22.78	1.57	24.35	272.27	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	22.53	1.57	24.1	257.04	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	22.42	1.57	23.99	250.61	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_16QAM	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	22.31	1.57	23.88	244.34	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	22.06	1.57	23.63	230.67	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	21.95	1.57	23.52	224.91	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	20.77	1.57	22.34	171.4	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	20.83	1.57	22.4	173.78	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	20.46	1.57	22.03	159.59	1000	PASS

n77(3700-3980)	30	70	649000	1@187	CP_64QAM	20.35	1.57	21.92	155.6	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	17.76	1.57	19.33	85.7	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	17.82	1.57	19.39	86.9	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	17.43	1.57	19	79.43	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	17.28	1.57	18.85	76.74	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	23.75	1.57	25.32	340.41	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	23.46	1.57	25.03	318.42	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	24.2	1.57	25.77	377.57	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	23.45	1.57	25.02	317.69	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	24.17	1.57	25.74	374.97	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	23.35	1.57	24.92	310.46	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	22.56	1.57	24.13	258.82	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	23.29	1.57	24.86	306.2	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	21.77	1.57	23.34	215.77	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	21.84	1.57	23.41	219.28	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	21.07	1.57	22.64	183.65	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	21.8	1.57	23.37	217.27	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	19.76	1.57	21.33	135.83	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	19.85	1.57	21.42	138.68	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	18.99	1.57	20.56	113.76	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	19.62	1.57	21.19	131.52	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	21.22	1.57	22.79	190.11	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	22.83	1.57	24.4	275.42	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	21.97	1.57	23.54	225.94	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	22.72	1.57	24.29	268.53	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	21.22	1.57	22.79	190.11	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	22.34	1.57	23.91	246.04	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	21.39	1.57	22.96	197.7	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_16QAM	22.15	1.57	23.72	235.5	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	20.72	1.57	22.29	169.43	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	20.84	1.57	22.41	174.18	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	20.01	1.57	21.58	143.88	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	20.76	1.57	22.33	171	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	17.7	1.57	19.27	84.53	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	17.83	1.57	19.4	87.1	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	17.13	1.57	18.7	74.13	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	17.86	1.57	19.43	87.7	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	23.7	1.57	25.27	336.51	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	24.24	1.57	25.81	381.07	1000	PASS

n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	23.63	1.57	25.2	331.13	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	23.7	1.57	25.27	336.51	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	23.21	1.57	24.78	300.61	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	24.27	1.57	25.84	383.71	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	23.6	1.57	25.17	328.85	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	23.69	1.57	25.26	335.74	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	22.22	1.57	23.79	239.33	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	23.3	1.57	24.87	306.9	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	22.68	1.57	24.25	266.07	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	22.77	1.57	24.34	271.64	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	21.7	1.57	23.27	212.32	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	21.11	1.57	22.68	185.35	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	21.2	1.57	22.77	189.23	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	19.73	1.57	21.3	134.9	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	19.82	1.57	21.39	137.72	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	19.23	1.57	20.8	120.23	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	19.31	1.57	20.88	122.46	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	21.14	1.57	22.71	186.64	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	22.71	1.57	24.28	267.92	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	22.16	1.57	23.73	236.05	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	22.24	1.57	23.81	240.44	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_16QAM	21.15	1.57	22.72	187.07	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	21.61	1.57	23.18	207.97	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	21.76	1.57	23.33	215.28	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	20.67	1.57	22.24	167.49	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	20.74	1.57	22.31	170.22	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	20.22	1.57	21.79	151.01	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	20.32	1.57	21.89	154.53	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	17.65	1.57	19.22	83.56	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	17.77	1.57	19.34	85.9	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	17.34	1.57	18.91	77.8	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	17.45	1.57	19.02	79.8	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	23.76	1.57	25.33	341.19	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	23.86	1.57	25.43	349.14	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	23.87	1.57	25.44	349.95	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	24.37	1.57	25.94	392.64	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	22.24	1.57	23.81	240.44	1000	PASS

n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	23.35	1.57	24.92	310.46	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	22.93	1.57	24.5	281.84	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	22.93	1.57	24.5	281.84	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	21.74	1.57	23.31	214.29	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	21.83	1.57	23.4	218.78	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	21.35	1.57	22.92	195.88	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	19.76	1.57	21.33	135.83	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	19.84	1.57	21.41	138.36	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	19.66	1.57	21.23	132.74	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	19.64	1.57	21.21	132.13	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	21.23	1.57	22.8	190.55	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	22.83	1.57	24.4	275.42	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	22.35	1.57	23.92	246.6	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	22.34	1.57	23.91	246.04	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	21.25	1.57	22.82	191.43	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	22.31	1.57	23.88	244.34	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	21.86	1.57	23.43	220.29	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	21.84	1.57	23.41	219.28	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	20.71	1.57	22.28	169.04	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_64QAM	20.43	1.57	22	158.49	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	20.42	1.57	21.99	158.12	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	17.71	1.57	19.28	84.72	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	17.78	1.57	19.35	86.1	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	17.67	1.57	19.24	83.95	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	17.53	1.57	19.1	81.28	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	23.72	1.57	25.29	338.06	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	24.35	1.57	25.92	390.84	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	24.1	1.57	25.67	368.98	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	23.23	1.57	24.8	302	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	24.38	1.57	25.95	393.55	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	23.21	1.57	24.78	300.61	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	24.05	1.57	25.62	364.75	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	22.22	1.57	23.79	239.33	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	23.37	1.57	24.94	311.89	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	22.3	1.57	23.87	243.78	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	23.13	1.57	24.7	295.12	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	21.73	1.57	23.3	213.8	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	20.72	1.57	22.29	169.43	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	21.59	1.57	23.16	207.01	1000	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	19.84	1.57	21.41	138.36	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	18.78	1.57	20.35	108.39	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	19.67	1.57	21.24	133.05	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	21.2	1.57	22.77	189.23	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	22.86	1.57	24.43	277.33	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	21.73	1.57	23.3	213.8	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	22.56	1.57	24.13	258.82	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	21.2	1.57	22.77	189.23	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	22.38	1.57	23.95	248.31	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	21.2	1.57	22.77	189.23	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	22.08	1.57	23.65	231.74	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	20.7	1.57	22.27	168.66	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	20.87	1.57	22.44	175.39	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	19.81	1.57	21.38	137.4	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	20.63	1.57	22.2	165.96	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	17.7	1.57	19.27	84.53	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	17.83	1.57	19.4	87.1	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	16.9	1.57	18.47	70.31	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	17.45	1.57	19.02	79.8	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	23.6	1.57	25.17	328.85	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	24.25	1.57	25.82	381.94	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	23.44	1.57	25.01	316.96	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	23.54	1.57	25.11	324.34	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	23.09	1.57	24.66	292.42	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	24.26	1.57	25.83	382.82	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	23.43	1.57	25	316.23	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	23.52	1.57	25.09	322.85	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	22.11	1.57	23.68	233.35	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	23.23	1.57	24.8	302	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	22.61	1.57	24.18	261.82	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	22.71	1.57	24.28	267.92	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	21.63	1.57	23.2	208.93	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	21.75	1.57	23.32	214.78	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	21.06	1.57	22.63	183.23	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	21.14	1.57	22.71	186.64	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	19.67	1.57	21.24	133.05	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	19.78	1.57	21.35	136.46	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	18.98	1.57	20.55	113.5	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	19.11	1.57	20.68	116.95	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	21.09	1.57	22.66	184.5	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	22.69	1.57	24.26	266.69	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	21.98	1.57	23.55	226.46	1000	PASS

n77(3700-3980)	30	80	662666	1@215	CP_QPSK	22.07	1.57	23.64	231.21	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	21.1	1.57	22.67	184.93	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	22.23	1.57	23.8	239.88	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	21.34	1.57	22.91	195.43	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	21.45	1.57	23.02	200.45	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	20.55	1.57	22.12	162.93	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	20.74	1.57	22.31	170.22	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	20	1.57	21.57	143.55	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	20.12	1.57	21.69	147.57	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	17.64	1.57	19.21	83.37	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_256QAM	17.73	1.57	19.3	85.11	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	17.13	1.57	18.7	74.13	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	17.23	1.57	18.8	75.86	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	23.77	1.57	25.34	341.98	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	23.86	1.57	25.43	349.14	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	23.27	1.57	24.84	304.79	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	24.37	1.57	25.94	392.64	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	23.71	1.57	25.28	337.29	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	23.36	1.57	24.93	311.17	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	22.78	1.57	24.35	272.27	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	21.78	1.57	23.35	216.27	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	21.83	1.57	23.4	218.78	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	21.22	1.57	22.79	190.11	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	21.36	1.57	22.93	196.34	1000	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	19.77	1.57	21.34	136.14	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	19.88	1.57	21.45	139.64	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	19.52	1.57	21.09	128.53	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	19.64	1.57	21.21	132.13	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	21.26	1.57	22.83	191.87	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	22.19	1.57	23.76	237.68	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	22.31	1.57	23.88	244.34	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_16QAM	21.24	1.57	22.81	190.99	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	22.3	1.57	23.87	243.78	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	21.85	1.57	23.42	219.79	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	21.9	1.57	23.47	222.33	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS

n77(3700-3980)	30	90	649668	1@1	CP_64QAM	20.21	1.57	21.78	150.66	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	20.32	1.57	21.89	154.53	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	17.69	1.57	19.26	84.33	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	17.78	1.57	19.35	86.1	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	17.48	1.57	19.05	80.35	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	17.49	1.57	19.06	80.54	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	23.7	1.57	25.27	336.51	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	23.07	1.57	24.64	291.07	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	23.94	1.57	25.51	355.63	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	23.18	1.57	24.75	298.54	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	24.35	1.57	25.92	390.84	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	23.04	1.57	24.61	289.07	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	23.92	1.57	25.49	354	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	22.18	1.57	23.75	237.14	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	23.34	1.57	24.91	309.74	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	22.1	1.57	23.67	232.81	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	21.7	1.57	23.27	212.32	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	21.83	1.57	23.4	218.78	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	20.55	1.57	22.12	162.93	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	21.42	1.57	22.99	199.07	1000	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	19.71	1.57	21.28	134.28	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	19.83	1.57	21.4	138.04	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	18.61	1.57	20.18	104.23	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	19.56	1.57	21.13	129.72	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	21.17	1.57	22.74	187.93	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	22.79	1.57	24.36	272.9	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	21.59	1.57	23.16	207.01	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	22.46	1.57	24.03	252.93	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	21.17	1.57	22.74	187.93	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	21.08	1.57	22.65	184.08	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	21.95	1.57	23.52	224.91	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	20.66	1.57	22.23	167.11	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	20.79	1.57	22.36	172.19	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	19.68	1.57	21.25	133.35	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	20.55	1.57	22.12	162.93	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	17.64	1.57	19.21	83.37	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	17.78	1.57	19.35	86.1	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	16.73	1.57	18.3	67.61	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	17.6	1.57	19.17	82.6	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	23.66	1.57	25.23	333.43	1000	PASS

n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	24.3	1.57	25.87	386.37	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	23.34	1.57	24.91	309.74	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	23.51	1.57	25.08	322.11	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	23.14	1.57	24.71	295.8	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	23.29	1.57	24.86	306.2	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	23.43	1.57	25	316.23	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	22.15	1.57	23.72	235.5	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	23.33	1.57	24.9	309.03	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	22.41	1.57	23.98	250.03	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	22.57	1.57	24.14	259.42	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	21.67	1.57	23.24	210.86	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	21.84	1.57	23.41	219.28	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	20.78	1.57	22.35	171.79	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	20.96	1.57	22.53	179.06	1000	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	19.65	1.57	21.22	132.43	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	19.86	1.57	21.43	139	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	19.09	1.57	20.66	116.41	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	19.28	1.57	20.85	121.62	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	21.14	1.57	22.71	186.64	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	22.76	1.57	24.33	271.02	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	21.82	1.57	23.39	218.27	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	22.01	1.57	23.58	228.03	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_16QAM	21.14	1.57	22.71	186.64	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	22.27	1.57	23.84	242.1	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	21.36	1.57	22.93	196.34	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	21.57	1.57	23.14	206.06	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	20.61	1.57	22.18	165.2	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	20.78	1.57	22.35	171.79	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	19.93	1.57	21.5	141.25	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	20.15	1.57	21.72	148.59	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	17.63	1.57	19.2	83.18	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	17.78	1.57	19.35	86.1	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	16.96	1.57	18.53	71.29	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	17.22	1.57	18.79	75.68	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	24.32	1.57	25.89	388.15	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	23.57	1.57	25.14	326.59	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	23.73	1.57	25.3	338.84	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	23.22	1.57	24.79	301.3	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	24.34	1.57	25.91	389.94	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	23.52	1.57	25.09	322.85	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	23.7	1.57	25.27	336.51	1000	PASS

n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	22.21	1.57	23.78	238.78	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	23.35	1.57	24.92	310.46	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	22.73	1.57	24.3	269.15	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	21.73	1.57	23.3	213.8	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	21.81	1.57	23.38	217.77	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	21.17	1.57	22.74	187.93	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	21.32	1.57	22.89	194.54	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	19.72	1.57	21.29	134.59	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	19.82	1.57	21.39	137.72	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	19.07	1.57	20.64	115.88	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	19.2	1.57	20.77	119.4	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	21.16	1.57	22.73	187.5	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	22.78	1.57	24.35	272.27	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	22.08	1.57	23.65	231.74	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	22.23	1.57	23.8	239.88	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	21.15	1.57	22.72	187.07	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	22.28	1.57	23.85	242.66	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	21.58	1.57	23.15	206.54	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	21.79	1.57	23.36	216.77	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	20.66	1.57	22.23	167.11	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	20.77	1.57	22.34	171.4	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	20.18	1.57	21.75	149.62	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	20.36	1.57	21.93	155.96	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	17.62	1.57	19.19	82.99	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	17.75	1.57	19.32	85.51	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	17.06	1.57	18.63	72.95	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	17.32	1.57	18.89	77.45	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	23.62	1.57	25.19	330.37	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	24.3	1.57	25.87	386.37	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	22.88	1.57	24.45	278.61	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	23.8	1.57	25.37	344.35	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	23.12	1.57	24.69	294.44	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	24.33	1.57	25.9	389.05	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	22.89	1.57	24.46	279.25	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	23.78	1.57	25.35	342.77	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	22.12	1.57	23.69	233.88	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	23.33	1.57	24.9	309.03	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	21.92	1.57	23.49	223.36	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	21.64	1.57	23.21	209.41	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	21.8	1.57	23.37	217.27	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	20.36	1.57	21.93	155.96	1000	PASS

n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	21.31	1.57	22.88	194.09	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	19.62	1.57	21.19	131.52	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	19.79	1.57	21.36	136.77	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	18.46	1.57	20.03	100.69	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	19.37	1.57	20.94	124.17	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	21.07	1.57	22.64	183.65	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	22.8	1.57	24.37	273.53	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	21.36	1.57	22.93	196.34	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	22.31	1.57	23.88	244.34	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	21.09	1.57	22.66	184.5	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	22.31	1.57	23.88	244.34	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	20.89	1.57	22.46	176.2	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	21.78	1.57	23.35	216.27	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	20.57	1.57	22.14	163.68	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	20.8	1.57	22.37	172.58	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	19.5	1.57	21.07	127.94	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	20.4	1.57	21.97	157.4	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	17.6	1.57	19.17	82.6	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	17.77	1.57	19.34	85.9	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	16.53	1.57	18.1	64.57	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	17.45	1.57	19.02	79.8	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	23.77	1.57	25.34	341.98	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	24.46	1.57	26.03	400.87	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	23.51	1.57	25.08	322.11	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	23.25	1.57	24.82	303.39	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	24.48	1.57	26.05	402.72	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	23.21	1.57	24.78	300.61	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	23.49	1.57	25.06	320.63	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	22.25	1.57	23.82	240.99	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	23.49	1.57	25.06	320.63	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	22.33	1.57	23.9	245.47	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	22.56	1.57	24.13	258.82	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	21.77	1.57	23.34	215.77	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	21.97	1.57	23.54	225.94	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	20.75	1.57	22.32	170.61	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	21.02	1.57	22.59	181.55	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	19.77	1.57	21.34	136.14	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	19.96	1.57	21.53	142.23	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	18.88	1.57	20.45	110.92	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	19.12	1.57	20.69	117.22	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	21.21	1.57	22.78	189.67	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	22.96	1.57	24.53	283.79	1000	PASS

n77(3700-3980)	30	100	662000	1@1	CP_QPSK	21.83	1.57	23.4	218.78	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	21.99	1.57	23.56	226.99	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	21.23	1.57	22.8	190.55	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	22.45	1.57	24.02	252.35	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	21.27	1.57	22.84	192.31	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	21.54	1.57	23.11	204.64	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	20.72	1.57	22.29	169.43	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	20.97	1.57	22.54	179.47	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	19.87	1.57	21.44	139.32	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	20.11	1.57	21.68	147.23	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	17.74	1.57	19.31	85.31	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	17.95	1.57	19.52	89.54	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	16.86	1.57	18.43	69.66	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	17.16	1.57	18.73	74.64	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	24.47	1.57	26.04	401.79	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	24.96	1.57	26.53	449.78	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	24.85	1.57	26.42	438.53	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	24.82	1.57	26.39	435.51	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	24.97	1.57	26.54	450.82	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	23.94	1.57	25.51	355.63	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	23.81	1.57	25.38	345.14	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	22.51	1.57	24.08	255.86	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	22.52	1.57	24.09	256.45	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	22.37	1.57	23.94	247.74	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	20.47	1.57	22.04	159.96	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	20.48	1.57	22.05	160.32	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	20.47	1.57	22.04	159.96	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	21.98	1.57	23.55	226.46	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	23.52	1.57	25.09	322.85	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	23.51	1.57	25.08	322.11	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	23.49	1.57	25.06	320.63	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_16QAM	22	1.57	23.57	227.51	1000	PASS

n78(3700-3800)	30	10	647000	12@6	CP_16QAM	23.07	1.57	24.64	291.07	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_16QAM	22.79	1.57	24.36	272.9	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_16QAM	22.78	1.57	24.35	272.27	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_64QAM	21.54	1.57	23.11	204.64	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_64QAM	21.45	1.57	23.02	200.45	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_64QAM	21.44	1.57	23.01	199.99	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_64QAM	21.48	1.57	23.05	201.84	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_256QAM	18.48	1.57	20.05	101.16	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_256QAM	18.46	1.57	20.03	100.69	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_256QAM	18.52	1.57	20.09	102.09	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_256QAM	18.5	1.57	20.07	101.62	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	24.28	1.57	25.85	384.59	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	24.78	1.57	26.35	431.52	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	24.65	1.57	26.22	418.79	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	23.8	1.57	25.37	344.35	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	24.8	1.57	26.37	433.51	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	24.58	1.57	26.15	412.1	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	24.62	1.57	26.19	415.91	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	22.79	1.57	24.36	272.9	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	23.73	1.57	25.3	338.84	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	23.61	1.57	25.18	329.61	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	23.64	1.57	25.21	331.89	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	22.17	1.57	23.74	236.59	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	20.23	1.57	21.8	151.36	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	20.23	1.57	21.8	151.36	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	21.8	1.57	23.37	217.27	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	23.3	1.57	24.87	306.9	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	23.24	1.57	24.81	302.69	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	23.3	1.57	24.87	306.9	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_16QAM	21.82	1.57	23.39	218.27	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_16QAM	22.61	1.57	24.18	261.82	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_16QAM	22.61	1.57	24.18	261.82	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_64QAM	21.33	1.57	22.9	194.98	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_64QAM	21.25	1.57	22.82	191.43	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_64QAM	21.23	1.57	22.8	190.55	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_64QAM	21.27	1.57	22.84	192.31	1000	PASS

n78(3700-3800)	30	10	650000	24@0	CP_256QAM	18.26	1.57	19.83	96.16	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_256QAM	18.26	1.57	19.83	96.16	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_256QAM	18.27	1.57	19.84	96.38	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_256QAM	18.35	1.57	19.92	98.17	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	24.44	1.57	26.01	399.02	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	24.94	1.57	26.51	447.71	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	24.76	1.57	26.33	429.54	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	24.81	1.57	26.38	434.51	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	24.98	1.57	26.55	451.86	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	24.73	1.57	26.3	426.58	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	22.95	1.57	24.52	283.14	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	23.92	1.57	25.49	354	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	23.77	1.57	25.34	341.98	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	23.82	1.57	25.39	345.94	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	22.5	1.57	24.07	255.27	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	22.49	1.57	24.06	254.68	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	22.27	1.57	23.84	242.1	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	20.46	1.57	22.03	159.59	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	20.45	1.57	22.02	159.22	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	20.37	1.57	21.94	156.31	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	21.94	1.57	23.51	224.39	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	23.47	1.57	25.04	319.15	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	23.37	1.57	24.94	311.89	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	23.44	1.57	25.01	316.96	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_16QAM	21.96	1.57	23.53	225.42	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_16QAM	23.05	1.57	24.62	289.73	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_16QAM	22.73	1.57	24.3	269.15	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_16QAM	22.83	1.57	24.4	275.42	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_64QAM	21.5	1.57	23.07	202.77	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_64QAM	21.43	1.57	23	199.53	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_64QAM	21.35	1.57	22.92	195.88	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_64QAM	21.39	1.57	22.96	197.7	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_256QAM	18.41	1.57	19.98	99.54	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_256QAM	18.43	1.57	20	100	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_256QAM	18.43	1.57	20	100	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_256QAM	18.47	1.57	20.04	100.93	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	24.48	1.57	26.05	402.72	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	24.97	1.57	26.54	450.82	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	24.85	1.57	26.42	438.53	1000	PASS

n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	25	1.57	26.57	453.94	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	24.85	1.57	26.42	438.53	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	24.76	1.57	26.33	429.54	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	23	1.57	24.57	286.42	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	24.02	1.57	25.59	362.24	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	23.87	1.57	25.44	349.95	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	22.55	1.57	24.12	258.23	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	20.47	1.57	22.04	159.96	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	20.51	1.57	22.08	161.44	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	20.47	1.57	22.04	159.96	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	22	1.57	23.57	227.51	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	23.42	1.57	24.99	315.5	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	23.33	1.57	24.9	309.03	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	23.29	1.57	24.86	306.2	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_16QAM	21.93	1.57	23.5	223.87	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_16QAM	23.04	1.57	24.61	289.07	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_16QAM	22.77	1.57	24.34	271.64	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_16QAM	22.72	1.57	24.29	268.53	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_64QAM	21.49	1.57	23.06	202.3	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_64QAM	21.5	1.57	23.07	202.77	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_64QAM	21.42	1.57	22.99	199.07	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_64QAM	21.41	1.57	22.98	198.61	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_256QAM	18.47	1.57	20.04	100.93	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_256QAM	18.47	1.57	20.04	100.93	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_256QAM	18.52	1.57	20.09	102.09	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_256QAM	18.5	1.57	20.07	101.62	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	24.31	1.57	25.88	387.26	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	24.64	1.57	26.21	417.83	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	24.69	1.57	26.26	422.67	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	23.81	1.57	25.38	345.14	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	24.82	1.57	26.39	435.51	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	24.59	1.57	26.16	413.05	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	24.66	1.57	26.23	419.76	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	22.83	1.57	24.4	275.42	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS

n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	23.62	1.57	25.19	330.37	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	23.67	1.57	25.24	334.2	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	22.32	1.57	23.89	244.91	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	22.33	1.57	23.9	245.47	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	22.23	1.57	23.8	239.88	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	20.34	1.57	21.91	155.24	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	20.33	1.57	21.9	154.88	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	20.03	1.57	21.6	144.54	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	20.1	1.57	21.67	146.89	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	21.81	1.57	23.38	217.77	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	23.31	1.57	24.88	307.61	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	23.2	1.57	24.77	299.92	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	23.24	1.57	24.81	302.69	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_16QAM	21.77	1.57	23.34	215.77	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_16QAM	22.85	1.57	24.42	276.69	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_16QAM	22.63	1.57	24.2	263.03	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_16QAM	22.65	1.57	24.22	264.24	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_64QAM	21.29	1.57	22.86	193.2	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_64QAM	21.35	1.57	22.92	195.88	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_64QAM	21.35	1.57	22.92	195.88	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_64QAM	21.42	1.57	22.99	199.07	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_256QAM	18.29	1.57	19.86	96.83	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_256QAM	18.23	1.57	19.8	95.5	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_256QAM	18.11	1.57	19.68	92.9	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_256QAM	18.14	1.57	19.71	93.54	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	24.38	1.57	25.95	393.55	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	24.89	1.57	26.46	442.59	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	24.7	1.57	26.27	423.64	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	24.78	1.57	26.35	431.52	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	23.89	1.57	25.46	351.56	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	24.92	1.57	26.49	445.66	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	24.87	1.57	26.44	440.55	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	22.89	1.57	24.46	279.25	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	23.96	1.57	25.53	357.27	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	23.72	1.57	25.29	338.06	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	23.82	1.57	25.39	345.94	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	22.38	1.57	23.95	248.31	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	22.2	1.57	23.77	238.23	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	22.33	1.57	23.9	245.47	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	20.37	1.57	21.94	156.31	1000	PASS

n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	20.32	1.57	21.89	154.53	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	21.9	1.57	23.47	222.33	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	23.37	1.57	24.94	311.89	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	23.22	1.57	24.79	301.3	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	23.33	1.57	24.9	309.03	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_16QAM	21.83	1.57	23.4	218.78	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_16QAM	23	1.57	24.57	286.42	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_16QAM	22.68	1.57	24.25	266.07	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_16QAM	22.8	1.57	24.37	273.53	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_64QAM	21.4	1.57	22.97	198.15	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_64QAM	21.41	1.57	22.98	198.61	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_64QAM	21.32	1.57	22.89	194.54	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_64QAM	21.41	1.57	22.98	198.61	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_256QAM	18.37	1.57	19.94	98.63	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_256QAM	18.45	1.57	20.02	100.46	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	24.98	1.57	26.55	451.86	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	24.77	1.57	26.34	430.53	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	24.71	1.57	26.28	424.62	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	24.01	1.57	25.58	361.41	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	25.24	1.57	26.81	479.73	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	24.76	1.57	26.33	429.54	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	24.7	1.57	26.27	423.64	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	22.99	1.57	24.56	285.76	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	24.04	1.57	25.61	363.92	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	23.79	1.57	25.36	343.56	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	23.71	1.57	25.28	337.29	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	22.49	1.57	24.06	254.68	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	22.52	1.57	24.09	256.45	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	22.25	1.57	23.82	240.99	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	20.47	1.57	22.04	159.96	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	20.52	1.57	22.09	161.81	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	20.43	1.57	22	158.49	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	20.35	1.57	21.92	155.6	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	21.95	1.57	23.52	224.91	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	23.32	1.57	24.89	308.32	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	23.24	1.57	24.81	302.69	1000	PASS

n78(3700-3800)	30	20	647334	51@0	CP_16QAM	22	1.57	23.57	227.51	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_16QAM	23	1.57	24.57	286.42	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_16QAM	22.78	1.57	24.35	272.27	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_16QAM	22.7	1.57	24.27	267.3	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_64QAM	21.47	1.57	23.04	201.37	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_64QAM	21.51	1.57	23.08	203.24	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_64QAM	21.42	1.57	22.99	199.07	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_64QAM	21.31	1.57	22.88	194.09	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_256QAM	18.41	1.57	19.98	99.54	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_256QAM	18.47	1.57	20.04	100.93	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_256QAM	18.49	1.57	20.06	101.39	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_256QAM	18.4	1.57	19.97	99.31	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	24.34	1.57	25.91	389.94	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	24.83	1.57	26.4	436.52	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	24.63	1.57	26.2	416.87	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	24.68	1.57	26.25	421.7	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	24.9	1.57	26.47	443.61	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	24.57	1.57	26.14	411.15	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	24.65	1.57	26.22	418.79	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	22.83	1.57	24.4	275.42	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	23.89	1.57	25.46	351.56	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	23.61	1.57	25.18	329.61	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	23.66	1.57	25.23	333.43	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	22.15	1.57	23.72	235.5	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	22.22	1.57	23.79	239.33	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	20.33	1.57	21.9	154.88	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	20.38	1.57	21.95	156.68	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	20.24	1.57	21.81	151.71	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	20.33	1.57	21.9	154.88	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	21.8	1.57	23.37	217.27	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	23.29	1.57	24.86	306.2	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	23.16	1.57	24.73	297.17	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	23.2	1.57	24.77	299.92	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_16QAM	21.85	1.57	23.42	219.79	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_16QAM	22.63	1.57	24.2	263.03	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_16QAM	22.68	1.57	24.25	266.07	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_64QAM	21.24	1.57	22.81	190.99	1000	PASS

n78(3700-3800)	30	20	650000	1@49	CP_64QAM	21.29	1.57	22.86	193.2	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_256QAM	18.29	1.57	19.86	96.83	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_256QAM	18.32	1.57	19.89	97.5	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_256QAM	18.32	1.57	19.89	97.5	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_256QAM	18.35	1.57	19.92	98.17	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	24.41	1.57	25.98	396.28	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	24.92	1.57	26.49	445.66	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	24.6	1.57	26.17	414	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	23.93	1.57	25.5	354.81	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	24.95	1.57	26.52	448.75	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	24.58	1.57	26.15	412.1	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	24.75	1.57	26.32	428.55	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	23.96	1.57	25.53	357.27	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	23.58	1.57	25.15	327.34	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	23.77	1.57	25.34	341.98	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	22.46	1.57	24.03	252.93	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	22.11	1.57	23.68	233.35	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	20.2	1.57	21.77	150.31	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	21.88	1.57	23.45	221.31	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	23.37	1.57	24.94	311.89	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	23.1	1.57	24.67	293.09	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	23.31	1.57	24.88	307.61	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_16QAM	21.92	1.57	23.49	223.36	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_16QAM	22.6	1.57	24.17	261.22	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_16QAM	22.75	1.57	24.32	270.4	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_64QAM	21.38	1.57	22.95	197.24	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_64QAM	21.44	1.57	23.01	199.99	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_64QAM	21.2	1.57	22.77	189.23	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_256QAM	18.32	1.57	19.89	97.5	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_256QAM	18.39	1.57	19.96	99.08	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_256QAM	18.27	1.57	19.84	96.38	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_256QAM	18.45	1.57	20.02	100.46	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	24.4	1.57	25.97	395.37	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	24.95	1.57	26.52	448.75	1000	PASS

n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	24.5	1.57	26.07	404.58	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	24.37	1.57	25.94	392.64	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	23.92	1.57	25.49	354	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	24.98	1.57	26.55	451.86	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	24.35	1.57	25.92	390.84	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	22.96	1.57	24.53	283.79	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	23.98	1.57	25.55	358.92	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	23.54	1.57	25.11	324.34	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	23.37	1.57	24.94	311.89	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	22.03	1.57	23.6	229.09	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	21.88	1.57	23.45	221.31	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	20.45	1.57	22.02	159.22	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	20.48	1.57	22.05	160.32	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	20.14	1.57	21.71	148.25	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	19.97	1.57	21.54	142.56	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	21.87	1.57	23.44	220.8	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	23.01	1.57	24.58	287.08	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_16QAM	21.85	1.57	23.42	219.79	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_16QAM	22.99	1.57	24.56	285.76	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_16QAM	22.52	1.57	24.09	256.45	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_16QAM	22.36	1.57	23.93	247.17	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_64QAM	21.34	1.57	22.91	195.43	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_64QAM	21.43	1.57	23	199.53	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_64QAM	21.17	1.57	22.74	187.93	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_64QAM	21.06	1.57	22.63	183.23	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_256QAM	18.43	1.57	20	100	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_256QAM	17.96	1.57	19.53	89.74	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_256QAM	17.79	1.57	19.36	86.3	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	24.38	1.57	25.95	393.55	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	24.9	1.57	26.47	443.61	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	24.36	1.57	25.93	391.74	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	24.48	1.57	26.05	402.72	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	23.9	1.57	25.47	352.37	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	24.51	1.57	26.08	405.51	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	24.58	1.57	26.15	412.1	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	22.9	1.57	24.47	279.9	1000	PASS

n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	23.94	1.57	25.51	355.63	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	23.23	1.57	24.8	302	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	23.39	1.57	24.96	313.33	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	22.38	1.57	23.95	248.31	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	21.9	1.57	23.47	222.33	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	22.01	1.57	23.58	228.03	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	20.42	1.57	21.99	158.12	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	20.01	1.57	21.58	143.88	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	20.13	1.57	21.7	147.91	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	21.86	1.57	23.43	220.29	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	23.39	1.57	24.96	313.33	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	22.99	1.57	24.56	285.76	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_16QAM	21.87	1.57	23.44	220.8	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_16QAM	22.93	1.57	24.5	281.84	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_16QAM	22.39	1.57	23.96	248.89	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_16QAM	22.51	1.57	24.08	255.86	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_64QAM	21.35	1.57	22.92	195.88	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_64QAM	21.39	1.57	22.96	197.7	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_64QAM	21.01	1.57	22.58	181.13	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_64QAM	21.1	1.57	22.67	184.93	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_256QAM	18.36	1.57	19.93	98.4	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_256QAM	18.09	1.57	19.66	92.47	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_256QAM	18.19	1.57	19.76	94.62	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	24.32	1.57	25.89	388.15	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	24.92	1.57	26.49	445.66	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	24.13	1.57	25.7	371.54	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	24.61	1.57	26.18	414.95	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	24.08	1.57	25.65	367.28	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	24.56	1.57	26.13	410.2	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	23.91	1.57	25.48	353.18	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	23.16	1.57	24.73	297.17	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	23.62	1.57	25.19	330.37	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	22.35	1.57	23.92	246.6	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	22.39	1.57	23.96	248.89	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	21.65	1.57	23.22	209.89	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	22.12	1.57	23.69	233.88	1000	PASS

n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	20.35	1.57	21.92	155.6	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	19.77	1.57	21.34	136.14	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	20.25	1.57	21.82	152.05	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	23.39	1.57	24.96	313.33	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	22.6	1.57	24.17	261.22	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	23.06	1.57	24.63	290.4	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_16QAM	21.81	1.57	23.38	217.77	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_16QAM	22.93	1.57	24.5	281.84	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_16QAM	22.06	1.57	23.63	230.67	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_16QAM	22.58	1.57	24.15	260.02	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_64QAM	21.32	1.57	22.89	194.54	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_64QAM	21.19	1.57	22.76	188.8	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_256QAM	18.3	1.57	19.87	97.05	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_256QAM	18.35	1.57	19.92	98.17	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_256QAM	17.79	1.57	19.36	86.3	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_256QAM	18.25	1.57	19.82	95.94	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	24.38	1.57	25.95	393.55	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	24.97	1.57	26.54	450.82	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	24.53	1.57	26.1	407.38	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	24.63	1.57	26.2	416.87	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	23.9	1.57	25.47	352.37	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	25.01	1.57	26.58	454.99	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	24.55	1.57	26.12	409.26	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	24.59	1.57	26.16	413.05	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	22.93	1.57	24.5	281.84	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	24.01	1.57	25.58	361.41	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	23.78	1.57	25.35	342.77	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	23.63	1.57	25.2	331.13	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	22.26	1.57	23.83	241.55	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	22.13	1.57	23.7	234.42	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	20.49	1.57	22.06	160.69	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	20.37	1.57	21.94	156.31	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	20.24	1.57	21.81	151.71	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	21.9	1.57	23.47	222.33	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	23.44	1.57	25.01	316.96	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	23.19	1.57	24.76	299.23	1000	PASS

n78(3700-3800)	30	50	648334	1@131	CP_QPSK	23.09	1.57	24.66	292.42	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_16QAM	21.88	1.57	23.45	221.31	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_16QAM	22.73	1.57	24.3	269.15	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_16QAM	22.63	1.57	24.2	263.03	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_64QAM	21.4	1.57	22.97	198.15	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_64QAM	21.45	1.57	23.02	200.45	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_64QAM	21.2	1.57	22.77	189.23	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_256QAM	18.39	1.57	19.96	99.08	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_256QAM	18.43	1.57	20	100	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_256QAM	18.42	1.57	19.99	99.77	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_256QAM	18.29	1.57	19.86	96.83	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	24.42	1.57	25.99	397.19	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	24.98	1.57	26.55	451.86	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	24.8	1.57	26.37	433.51	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	23.94	1.57	25.51	355.63	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	24.99	1.57	26.56	452.9	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	24.62	1.57	26.19	415.91	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	24.79	1.57	26.36	432.51	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	22.97	1.57	24.54	284.45	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	23.67	1.57	25.24	334.2	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	22.44	1.57	24.01	251.77	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	22.46	1.57	24.03	252.93	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	20.43	1.57	22	158.49	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	20.47	1.57	22.04	159.96	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	20.27	1.57	21.84	152.76	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	21.95	1.57	23.52	224.91	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	23.45	1.57	25.02	317.69	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	23.14	1.57	24.71	295.8	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	23.3	1.57	24.87	306.9	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_16QAM	21.92	1.57	23.49	223.36	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_16QAM	22.94	1.57	24.51	282.49	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_16QAM	22.69	1.57	24.26	266.69	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_16QAM	22.82	1.57	24.39	274.79	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_64QAM	21.45	1.57	23.02	200.45	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_64QAM	21.43	1.57	23	199.53	1000	PASS

n78(3700-3800)	30	50	650000	1@1	CP_64QAM	21.31	1.57	22.88	194.09	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_64QAM	21.41	1.57	22.98	198.61	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_256QAM	18.41	1.57	19.98	99.54	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_256QAM	18.41	1.57	19.98	99.54	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_256QAM	18.35	1.57	19.92	98.17	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_256QAM	18.49	1.57	20.06	101.39	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	24.34	1.57	25.91	389.94	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	24.88	1.57	26.45	441.57	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	24.4	1.57	25.97	395.37	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	24.86	1.57	26.43	439.54	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	24.91	1.57	26.48	444.63	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	24.38	1.57	25.95	393.55	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	24.84	1.57	26.41	437.52	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	22.89	1.57	24.46	279.25	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	23.91	1.57	25.48	353.18	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	23.41	1.57	24.98	314.77	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	22.38	1.57	23.95	248.31	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	22.37	1.57	23.94	247.74	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	21.94	1.57	23.51	224.39	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	22.39	1.57	23.96	248.89	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	20.34	1.57	21.91	155.24	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	20.39	1.57	21.96	157.04	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	19.93	1.57	21.5	141.25	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	20.39	1.57	21.96	157.04	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	21.88	1.57	23.45	221.31	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	23.41	1.57	24.98	314.77	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	23.41	1.57	24.98	314.77	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_16QAM	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_16QAM	22.44	1.57	24.01	251.77	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_16QAM	22.89	1.57	24.46	279.25	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_64QAM	21.31	1.57	22.88	194.09	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_64QAM	21.4	1.57	22.97	198.15	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_64QAM	21.12	1.57	22.69	185.78	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_64QAM	21.6	1.57	23.17	207.49	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_256QAM	18.31	1.57	19.88	97.27	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_256QAM	18.38	1.57	19.95	98.86	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_256QAM	17.86	1.57	19.43	87.7	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_256QAM	18.31	1.57	19.88	97.27	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS

n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	24.27	1.57	25.84	383.71	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	23.82	1.57	25.39	345.94	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	24.29	1.57	25.86	385.48	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	22.84	1.57	24.41	276.06	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	23.91	1.57	25.48	353.18	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	23.45	1.57	25.02	317.69	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	23.42	1.57	24.99	315.5	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	22.35	1.57	23.92	246.6	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	22.46	1.57	24.03	252.93	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	22.01	1.57	23.58	228.03	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	20.32	1.57	21.89	154.53	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	20.38	1.57	21.95	156.68	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	20.25	1.57	21.82	152.05	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	20.1	1.57	21.67	146.89	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	21.81	1.57	23.38	217.77	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	23.38	1.57	24.95	312.61	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	23.01	1.57	24.58	287.08	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	22.93	1.57	24.5	281.84	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_16QAM	21.8	1.57	23.37	217.27	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_16QAM	22.78	1.57	24.35	272.27	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_16QAM	22.64	1.57	24.21	263.63	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_64QAM	21.29	1.57	22.86	193.2	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_64QAM	21.41	1.57	22.98	198.61	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_64QAM	21.08	1.57	22.65	184.08	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_64QAM	20.96	1.57	22.53	179.06	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_256QAM	18.28	1.57	19.85	96.61	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_256QAM	18.44	1.57	20.01	100.23	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_256QAM	18.14	1.57	19.71	93.54	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	24.41	1.57	25.98	396.28	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	24.96	1.57	26.53	449.78	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	24.46	1.57	26.03	400.87	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	24.77	1.57	26.34	430.53	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	23.93	1.57	25.5	354.81	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	24.98	1.57	26.55	451.86	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	24.75	1.57	26.32	428.55	1000	PASS

n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	23.54	1.57	25.11	324.34	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	23.75	1.57	25.32	340.41	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	22.43	1.57	24	251.19	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	22.5	1.57	24.07	255.27	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	22.12	1.57	23.69	233.88	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	22.29	1.57	23.86	243.22	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	20.21	1.57	21.78	150.66	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	20.38	1.57	21.95	156.68	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	21.9	1.57	23.47	222.33	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	23.45	1.57	25.02	317.69	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	23.05	1.57	24.62	289.73	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	23.25	1.57	24.82	303.39	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_16QAM	21.89	1.57	23.46	221.82	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_16QAM	22.6	1.57	24.17	261.22	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_16QAM	22.79	1.57	24.36	272.9	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_64QAM	21.44	1.57	23.01	199.99	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_64QAM	21.21	1.57	22.78	189.67	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_64QAM	21.42	1.57	22.99	199.07	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_256QAM	18.37	1.57	19.94	98.63	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_256QAM	18.4	1.57	19.97	99.31	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_256QAM	18.28	1.57	19.85	96.61	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_256QAM	18.59	1.57	20.16	103.75	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	24.35	1.57	25.92	390.84	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	24.92	1.57	26.49	445.66	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	24.32	1.57	25.89	388.15	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	24.83	1.57	26.4	436.52	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	23.86	1.57	25.43	349.14	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	24.27	1.57	25.84	383.71	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	24.77	1.57	26.34	430.53	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	23.91	1.57	25.48	353.18	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	23.27	1.57	24.84	304.79	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	23.76	1.57	25.33	341.19	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	22.44	1.57	24.01	251.77	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	21.84	1.57	23.41	219.28	1000	PASS

n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	20.34	1.57	21.91	155.24	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	20.39	1.57	21.96	157.04	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	20.04	1.57	21.61	144.88	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	20.53	1.57	22.1	162.18	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	23.38	1.57	24.95	312.61	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	22.78	1.57	24.35	272.27	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	23.25	1.57	24.82	303.39	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_16QAM	21.83	1.57	23.4	218.78	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_16QAM	22.88	1.57	24.45	278.61	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_16QAM	22.31	1.57	23.88	244.34	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_16QAM	22.79	1.57	24.36	272.9	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_64QAM	21.31	1.57	22.88	194.09	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_64QAM	21.4	1.57	22.97	198.15	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_64QAM	20.93	1.57	22.5	177.83	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_64QAM	21.43	1.57	23	199.53	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_256QAM	18.3	1.57	19.87	97.05	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_256QAM	18.01	1.57	19.58	90.78	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_256QAM	18.64	1.57	20.21	104.95	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	24.4	1.57	25.97	395.37	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	24.95	1.57	26.52	448.75	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	24.56	1.57	26.13	410.2	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	24.51	1.57	26.08	405.51	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	23.93	1.57	25.5	354.81	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	25	1.57	26.57	453.94	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	24.54	1.57	26.11	408.32	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	24.5	1.57	26.07	404.58	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	22.92	1.57	24.49	281.19	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	23.64	1.57	25.21	331.89	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	23.59	1.57	25.16	328.1	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	22.45	1.57	24.02	252.35	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	22.05	1.57	23.62	230.14	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	22.02	1.57	23.59	228.56	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	20.39	1.57	21.96	157.04	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	20.48	1.57	22.05	160.32	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	20.3	1.57	21.87	153.82	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	23.39	1.57	24.96	313.33	1000	PASS

n78(3700-3800)	30	70	649000	1@1	CP_QPSK	23.04	1.57	24.61	289.07	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	23.01	1.57	24.58	287.08	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_16QAM	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_16QAM	22.95	1.57	24.52	283.14	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_16QAM	22.61	1.57	24.18	261.82	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_16QAM	22.6	1.57	24.17	261.22	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_64QAM	21.38	1.57	22.95	197.24	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_64QAM	21.47	1.57	23.04	201.37	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_64QAM	21.02	1.57	22.59	181.55	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_64QAM	20.97	1.57	22.54	179.47	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_256QAM	18.41	1.57	19.98	99.54	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_256QAM	18.26	1.57	19.83	96.16	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_256QAM	18.21	1.57	19.78	95.06	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	24.38	1.57	25.95	393.55	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	24.89	1.57	26.46	442.59	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	24.47	1.57	26.04	401.79	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	24.72	1.57	26.29	425.6	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	23.89	1.57	25.46	351.56	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	24.94	1.57	26.51	447.71	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	24.51	1.57	26.08	405.51	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	24.74	1.57	26.31	427.56	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	22.9	1.57	24.47	279.9	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	23.91	1.57	25.48	353.18	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	23.25	1.57	24.82	303.39	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	23.49	1.57	25.06	320.63	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	22.4	1.57	23.97	249.46	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	22.4	1.57	23.97	249.46	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	21.98	1.57	23.55	226.46	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	22.23	1.57	23.8	239.88	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	20.36	1.57	21.93	155.96	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	20.36	1.57	21.93	155.96	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	19.85	1.57	21.42	138.68	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	20.12	1.57	21.69	147.57	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	21.85	1.57	23.42	219.79	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	23.05	1.57	24.62	289.73	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	23.26	1.57	24.83	304.09	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_16QAM	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_16QAM	22.89	1.57	24.46	279.25	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_16QAM	22.44	1.57	24.01	251.77	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_16QAM	22.66	1.57	24.23	264.85	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_64QAM	21.34	1.57	22.91	195.43	1000	PASS

n78(3700-3800)	30	70	650000	95@47	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_64QAM	21.11	1.57	22.68	185.35	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_64QAM	21.34	1.57	22.91	195.43	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_256QAM	18.31	1.57	19.88	97.27	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_256QAM	18.36	1.57	19.93	98.4	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_256QAM	18.18	1.57	19.75	94.41	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_256QAM	18.53	1.57	20.1	102.33	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	24.34	1.57	25.91	389.94	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	24.83	1.57	26.4	436.52	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	24.27	1.57	25.84	383.71	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	24.78	1.57	26.35	431.52	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	23.84	1.57	25.41	347.54	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	24.87	1.57	26.44	440.55	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	24.25	1.57	25.82	381.94	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	24.8	1.57	26.37	433.51	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	22.85	1.57	24.42	276.69	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	23.89	1.57	25.46	351.56	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	23.2	1.57	24.77	299.92	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	23.73	1.57	25.3	338.84	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	22.32	1.57	23.89	244.91	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	21.78	1.57	23.35	216.27	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	22.3	1.57	23.87	243.78	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	20.32	1.57	21.89	154.53	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	20.35	1.57	21.92	155.6	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	19.88	1.57	21.45	139.64	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	20.36	1.57	21.93	155.96	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	23.34	1.57	24.91	309.74	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	22.73	1.57	24.3	269.15	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	23.27	1.57	24.84	304.79	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_16QAM	21.83	1.57	23.4	218.78	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_16QAM	22.88	1.57	24.45	278.61	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_16QAM	22.21	1.57	23.78	238.78	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_16QAM	22.77	1.57	24.34	271.64	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_64QAM	21.34	1.57	22.91	195.43	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_64QAM	20.83	1.57	22.4	173.78	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_64QAM	21.39	1.57	22.96	197.7	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_256QAM	18.29	1.57	19.86	96.83	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_256QAM	18.07	1.57	19.64	92.04	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_256QAM	18.48	1.57	20.05	101.16	1000	PASS

n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	24.94	1.57	26.51	447.71	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	24.4	1.57	25.97	395.37	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	24.47	1.57	26.04	401.79	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	24.95	1.57	26.52	448.75	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	24.38	1.57	25.95	393.55	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	24.47	1.57	26.04	401.79	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	23.98	1.57	25.55	358.92	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	23.5	1.57	25.07	321.37	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	23.52	1.57	25.09	322.85	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	22.33	1.57	23.9	245.47	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	21.9	1.57	23.47	222.33	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	21.95	1.57	23.52	224.91	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	20.32	1.57	21.89	154.53	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	20.42	1.57	21.99	158.12	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	20.01	1.57	21.58	143.88	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	20.07	1.57	21.64	145.88	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	21.86	1.57	23.43	220.29	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	23.44	1.57	25.01	316.96	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	22.82	1.57	24.39	274.79	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	22.93	1.57	24.5	281.84	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_16QAM	21.85	1.57	23.42	219.79	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_16QAM	22.94	1.57	24.51	282.49	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_16QAM	22.3	1.57	23.87	243.78	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_16QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_64QAM	21.42	1.57	22.99	199.07	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_64QAM	20.95	1.57	22.52	178.65	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_64QAM	21.02	1.57	22.59	181.55	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_256QAM	18.29	1.57	19.86	96.83	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_256QAM	18.38	1.57	19.95	98.86	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_256QAM	18.19	1.57	19.76	94.62	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_256QAM	18.24	1.57	19.81	95.72	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	24.34	1.57	25.91	389.94	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	24.94	1.57	26.51	447.71	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	24.34	1.57	25.91	389.94	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	24.61	1.57	26.18	414.95	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	23.84	1.57	25.41	347.54	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	24.96	1.57	26.53	449.78	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	24.35	1.57	25.92	390.84	1000	PASS

n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	24.62	1.57	26.19	415.91	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	23.4	1.57	24.97	314.05	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	23.68	1.57	25.25	334.97	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	22.32	1.57	23.89	244.91	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	21.85	1.57	23.42	219.79	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	22.1	1.57	23.67	232.81	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	20.31	1.57	21.88	154.17	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	19.93	1.57	21.5	141.25	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	20.16	1.57	21.73	148.94	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	21.84	1.57	23.41	219.28	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	23.44	1.57	25.01	316.96	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	22.84	1.57	24.41	276.06	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	23.06	1.57	24.63	290.4	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_16QAM	21.82	1.57	23.39	218.27	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_16QAM	22.94	1.57	24.51	282.49	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_16QAM	22.32	1.57	23.89	244.91	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_16QAM	22.52	1.57	24.09	256.45	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_64QAM	21.44	1.57	23.01	199.99	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_64QAM	20.92	1.57	22.49	177.42	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_64QAM	21.16	1.57	22.73	187.5	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_256QAM	18.3	1.57	19.87	97.05	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_256QAM	18.37	1.57	19.94	98.63	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_256QAM	18.02	1.57	19.59	90.99	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_256QAM	18.25	1.57	19.82	95.94	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	24.29	1.57	25.86	385.48	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	24.87	1.57	26.44	440.55	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	24.17	1.57	25.74	374.97	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	24.59	1.57	26.16	413.05	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	23.8	1.57	25.37	344.35	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	24.89	1.57	26.46	442.59	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	24.14	1.57	25.71	372.39	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	24.56	1.57	26.13	410.2	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	22.79	1.57	24.36	272.9	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	23.89	1.57	25.46	351.56	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	23.21	1.57	24.78	300.61	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	23.63	1.57	25.2	331.13	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	22.27	1.57	23.84	242.1	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	22.35	1.57	23.92	246.6	1000	PASS

n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	21.69	1.57	23.26	211.84	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	22.1	1.57	23.67	232.81	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	20.28	1.57	21.85	153.11	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	20.34	1.57	21.91	155.24	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	19.74	1.57	21.31	135.21	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	20.19	1.57	21.76	149.97	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	21.78	1.57	23.35	216.27	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	23.41	1.57	24.98	314.77	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	22.67	1.57	24.24	265.46	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	23.12	1.57	24.69	294.44	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_16QAM	21.77	1.57	23.34	215.77	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_16QAM	22.88	1.57	24.45	278.61	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_16QAM	22.21	1.57	23.78	238.78	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_16QAM	22.62	1.57	24.19	262.42	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_64QAM	21.25	1.57	22.82	191.43	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_64QAM	20.64	1.57	22.21	166.34	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_64QAM	21.06	1.57	22.63	183.23	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_256QAM	18.27	1.57	19.84	96.38	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_256QAM	18.31	1.57	19.88	97.27	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_256QAM	17.52	1.57	19.09	81.1	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_256QAM	18.08	1.57	19.65	92.26	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	24.35	1.57	25.92	390.84	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	24.91	1.57	26.48	444.63	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	24.26	1.57	25.83	382.82	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	24.51	1.57	26.08	405.51	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	23.86	1.57	25.43	349.14	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	24.35	1.57	25.92	390.84	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	24.62	1.57	26.19	415.91	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	23.94	1.57	25.51	355.63	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	23.03	1.57	24.6	288.4	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	23.3	1.57	24.87	306.9	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	22.38	1.57	23.95	248.31	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	22.4	1.57	23.97	249.46	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	21.81	1.57	23.38	217.77	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	22.05	1.57	23.62	230.14	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	20.37	1.57	21.94	156.31	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	19.79	1.57	21.36	136.77	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	20.04	1.57	21.61	144.88	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	21.87	1.57	23.44	220.8	1000	PASS

n78(3700-3800)	30	90	649668	123@61	CP_QPSK	23.4	1.57	24.97	314.05	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	22.78	1.57	24.35	272.27	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	23.03	1.57	24.6	288.4	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_16QAM	21.83	1.57	23.4	218.78	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_16QAM	22.86	1.57	24.43	277.33	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_16QAM	22.4	1.57	23.97	249.46	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_16QAM	22.62	1.57	24.19	262.42	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_64QAM	20.72	1.57	22.29	169.43	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_64QAM	20.96	1.57	22.53	179.06	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_256QAM	18.3	1.57	19.87	97.05	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_256QAM	17.9	1.57	19.47	88.51	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_256QAM	18.11	1.57	19.68	92.9	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	24.33	1.57	25.9	389.05	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	24.92	1.57	26.49	445.66	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	24.24	1.57	25.81	381.07	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	24.54	1.57	26.11	408.32	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	23.85	1.57	25.42	348.34	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	24.95	1.57	26.52	448.75	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	24.2	1.57	25.77	377.57	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	22.85	1.57	24.42	276.69	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	23.94	1.57	25.51	355.63	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	23.18	1.57	24.75	298.54	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	23.47	1.57	25.04	319.15	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	22.35	1.57	23.92	246.6	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	22.41	1.57	23.98	250.03	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	21.78	1.57	23.35	216.27	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	22.06	1.57	23.63	230.67	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	20.31	1.57	21.88	154.17	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	19.97	1.57	21.54	142.56	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	20.26	1.57	21.83	152.41	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	21.85	1.57	23.42	219.79	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	23.4	1.57	24.97	314.05	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	22.72	1.57	24.29	268.53	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	22.98	1.57	24.55	285.1	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_16QAM	21.81	1.57	23.38	217.77	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_16QAM	22.87	1.57	24.44	277.97	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_16QAM	22.42	1.57	23.99	250.61	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_16QAM	22.66	1.57	24.23	264.85	1000	PASS

n78(3700-3800)	30	90	650000	245@0	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_64QAM	21.38	1.57	22.95	197.24	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_64QAM	20.73	1.57	22.3	169.82	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_64QAM	20.99	1.57	22.56	180.3	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_256QAM	18.25	1.57	19.82	95.94	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_256QAM	17.89	1.57	19.46	88.31	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_256QAM	18.28	1.57	19.85	96.61	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	24.31	1.57	25.88	387.26	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	24.86	1.57	26.43	439.54	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	24.17	1.57	25.74	374.97	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	24.49	1.57	26.06	403.65	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	23.82	1.57	25.39	345.94	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	24.88	1.57	26.45	441.57	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	24.09	1.57	25.66	368.13	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	24.45	1.57	26.02	399.94	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	22.82	1.57	24.39	274.79	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	23.86	1.57	25.43	349.14	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	23.07	1.57	24.64	291.07	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	23.43	1.57	25	316.23	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	22.33	1.57	23.9	245.47	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	22.35	1.57	23.92	246.6	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	21.69	1.57	23.26	211.84	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	22	1.57	23.57	227.51	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	20.33	1.57	21.9	154.88	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	19.75	1.57	21.32	135.52	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	20.06	1.57	21.63	145.55	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	21.8	1.57	23.37	217.27	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	23.29	1.57	24.86	306.2	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	22.57	1.57	24.14	259.42	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	22.99	1.57	24.56	285.76	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_16QAM	21.8	1.57	23.37	217.27	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_16QAM	22.82	1.57	24.39	274.79	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_16QAM	22.12	1.57	23.69	233.88	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_16QAM	22.51	1.57	24.08	255.86	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_64QAM	21.28	1.57	22.85	192.75	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_64QAM	20.74	1.57	22.31	170.22	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_64QAM	21.15	1.57	22.72	187.07	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_256QAM	18.23	1.57	19.8	95.5	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_256QAM	18.26	1.57	19.83	96.16	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_256QAM	17.78	1.57	19.35	86.1	1000	PASS

n78(3700-3800)	30	90	650332	1@243	CP_256QAM	18.19	1.57	19.76	94.62	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	24.29	1.57	25.86	385.48	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	24.91	1.57	26.48	444.63	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	24.41	1.57	25.98	396.28	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	23.82	1.57	25.39	345.94	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	24.93	1.57	26.5	446.68	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	23.99	1.57	25.56	359.75	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	24.4	1.57	25.97	395.37	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	22.81	1.57	24.38	274.16	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	23.95	1.57	25.52	356.45	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	23.09	1.57	24.66	292.42	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	23.41	1.57	24.98	314.77	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	22.42	1.57	23.99	250.61	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	21.59	1.57	23.16	207.01	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	21.86	1.57	23.43	220.29	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	20.38	1.57	21.95	156.68	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	19.85	1.57	21.42	138.68	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	20.13	1.57	21.7	147.91	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	21.78	1.57	23.35	216.27	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	22.52	1.57	24.09	256.45	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	22.85	1.57	24.42	276.69	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_16QAM	21.78	1.57	23.35	216.27	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_16QAM	22.91	1.57	24.48	280.54	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_16QAM	22.05	1.57	23.62	230.14	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_16QAM	22.38	1.57	23.95	248.31	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_64QAM	21.4	1.57	22.97	198.15	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_64QAM	20.65	1.57	22.22	166.72	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_64QAM	21	1.57	22.57	180.72	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_256QAM	18.23	1.57	19.8	95.5	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_256QAM	17.71	1.57	19.28	84.72	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_256QAM	18.02	1.57	19.59	90.99	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
DC_5A_n78A	30	10	647000	24@0	DFT_BPSK	24.17	1.57	25.74	374.97	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_BPSK	24.69	1.57	26.26	422.67	1000	PASS

DC_5A_n78A	30	10	647000	1@1	DFT_BPSK	24.66	1.57	26.23	419.76	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_BPSK	24.73	1.57	26.3	426.58	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_QPSK	23.81	1.57	25.38	345.14	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_QPSK	24.69	1.57	26.26	422.67	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_QPSK	24.68	1.57	26.25	421.7	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_QPSK	24.76	1.57	26.33	429.54	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_16QAM	22.75	1.57	24.32	270.4	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_16QAM	23.76	1.57	25.33	341.19	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_16QAM	23.59	1.57	25.16	328.1	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_16QAM	23.63	1.57	25.2	331.13	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_64QAM	22.32	1.57	23.89	244.91	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_64QAM	22.39	1.57	23.96	248.89	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_64QAM	22.22	1.57	23.79	239.33	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_256QAM	20.21	1.57	21.78	150.66	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_256QAM	20.35	1.57	21.92	155.6	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_256QAM	20.03	1.57	21.6	144.54	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_256QAM	20.15	1.57	21.72	148.59	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_QPSK	21.74	1.57	23.31	214.29	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_QPSK	23.16	1.57	24.73	297.17	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_QPSK	23.31	1.57	24.88	307.61	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_QPSK	23.27	1.57	24.84	304.79	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_16QAM	21.66	1.57	23.23	210.38	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_16QAM	22.89	1.57	24.46	279.25	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_16QAM	22.81	1.57	24.38	274.16	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_16QAM	22.91	1.57	24.48	280.54	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_64QAM	21.33	1.57	22.9	194.98	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_64QAM	21	1.57	22.57	180.72	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_64QAM	21.1	1.57	22.67	184.93	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_256QAM	18.16	1.57	19.73	93.97	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_256QAM	18.24	1.57	19.81	95.72	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_256QAM	18.26	1.57	19.83	96.16	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_256QAM	18.35	1.57	19.92	98.17	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_BPSK	25.04	1.57	26.61	458.14	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_BPSK	25.06	1.57	26.63	460.26	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_BPSK	25.09	1.57	26.66	463.45	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_QPSK	24.15	1.57	25.72	373.25	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_QPSK	25.19	1.57	26.76	474.24	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_QPSK	25.06	1.57	26.63	460.26	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_QPSK	25.12	1.57	26.69	466.66	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_16QAM	23.14	1.57	24.71	295.8	1000	PASS

DC_5A_n78A	30	10	650000	12@6	DFT_16QAM	24.15	1.57	25.72	373.25	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_16QAM	23.93	1.57	25.5	354.81	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_16QAM	24.01	1.57	25.58	361.41	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_64QAM	22.73	1.57	24.3	269.15	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_64QAM	22.77	1.57	24.34	271.64	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_64QAM	22.64	1.57	24.21	263.63	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_64QAM	22.7	1.57	24.27	267.3	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_256QAM	20.53	1.57	22.1	162.18	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_256QAM	20.71	1.57	22.28	169.04	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_QPSK	22.12	1.57	23.69	233.88	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_QPSK	23.53	1.57	25.1	323.59	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_QPSK	23.63	1.57	25.2	331.13	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_QPSK	23.65	1.57	25.22	332.66	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_16QAM	22.05	1.57	23.62	230.14	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_16QAM	23.28	1.57	24.85	305.49	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_16QAM	23.24	1.57	24.81	302.69	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_16QAM	23.21	1.57	24.78	300.61	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_64QAM	21.68	1.57	23.25	211.35	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_64QAM	21.79	1.57	23.36	216.77	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_64QAM	21.43	1.57	23	199.53	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_256QAM	18.54	1.57	20.11	102.57	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_256QAM	18.67	1.57	20.24	105.68	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_256QAM	18.71	1.57	20.28	106.66	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_BPSK	24.55	1.57	26.12	409.26	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_BPSK	24.98	1.57	26.55	451.86	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_BPSK	24.92	1.57	26.49	445.66	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_BPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_QPSK	23.98	1.57	25.55	358.92	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_QPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_QPSK	24.99	1.57	26.56	452.9	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_QPSK	25.03	1.57	26.6	457.09	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_16QAM	23.05	1.57	24.62	289.73	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_16QAM	24.03	1.57	25.6	363.08	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_16QAM	23.84	1.57	25.41	347.54	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_16QAM	23.9	1.57	25.47	352.37	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_64QAM	22.62	1.57	24.19	262.42	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_64QAM	22.65	1.57	24.22	264.24	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_64QAM	22.55	1.57	24.12	258.23	1000	PASS

DC_5A_n78A	30	10	653000	24@0	DFT_256QAM	20.48	1.57	22.05	160.32	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_256QAM	20.59	1.57	22.16	164.44	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_256QAM	20.35	1.57	21.92	155.6	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_256QAM	20.39	1.57	21.96	157.04	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_QPSK	22.1	1.57	23.67	232.81	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_QPSK	23.42	1.57	24.99	315.5	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_QPSK	23.51	1.57	25.08	322.11	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_QPSK	23.5	1.57	25.07	321.37	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_16QAM	22.03	1.57	23.6	229.09	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_16QAM	23.26	1.57	24.83	304.09	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_16QAM	23.05	1.57	24.62	289.73	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_16QAM	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_64QAM	21.51	1.57	23.08	203.24	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_64QAM	21.69	1.57	23.26	211.84	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_64QAM	21.28	1.57	22.85	192.75	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_64QAM	21.28	1.57	22.85	192.75	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_256QAM	18.48	1.57	20.05	101.16	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_256QAM	18.61	1.57	20.18	104.23	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_256QAM	18.61	1.57	20.18	104.23	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_256QAM	18.67	1.57	20.24	105.68	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_BPSK	24.3	1.57	25.87	386.37	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_BPSK	24.79	1.57	26.36	432.51	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_BPSK	24.65	1.57	26.22	418.79	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_BPSK	24.84	1.57	26.41	437.52	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_QPSK	23.82	1.57	25.39	345.94	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_QPSK	24.8	1.57	26.37	433.51	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_QPSK	24.7	1.57	26.27	423.64	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_QPSK	24.8	1.57	26.37	433.51	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_16QAM	22.92	1.57	24.49	281.19	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_16QAM	23.78	1.57	25.35	342.77	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_16QAM	23.54	1.57	25.11	324.34	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_16QAM	23.61	1.57	25.18	329.61	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_256QAM	20.16	1.57	21.73	148.94	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_256QAM	20.23	1.57	21.8	151.36	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_256QAM	20.08	1.57	21.65	146.22	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_256QAM	20.19	1.57	21.76	149.97	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_QPSK	21.76	1.57	23.33	215.28	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_QPSK	23.3	1.57	24.87	306.9	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_QPSK	23.29	1.57	24.86	306.2	1000	PASS

DC_5A_n78A	30	15	647168	1@36	CP_QPSK	23.41	1.57	24.98	314.77	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_16QAM	21.84	1.57	23.41	219.28	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_16QAM	22.79	1.57	24.36	272.9	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_16QAM	22.7	1.57	24.27	267.3	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_16QAM	22.75	1.57	24.32	270.4	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_64QAM	21.3	1.57	22.87	193.64	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_64QAM	21.29	1.57	22.86	193.2	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_64QAM	20.95	1.57	22.52	178.65	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_64QAM	21.12	1.57	22.69	185.78	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_256QAM	18.23	1.57	19.8	95.5	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_256QAM	18.36	1.57	19.93	98.4	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_256QAM	18.23	1.57	19.8	95.5	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_256QAM	18.36	1.57	19.93	98.4	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_BPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_BPSK	25.08	1.57	26.65	462.38	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_BPSK	25.15	1.57	26.72	469.89	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_QPSK	24.2	1.57	25.77	377.57	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_QPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_QPSK	25.05	1.57	26.62	459.2	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_QPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_16QAM	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_16QAM	24.18	1.57	25.75	375.84	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_16QAM	23.92	1.57	25.49	354	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_16QAM	24.01	1.57	25.58	361.41	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_64QAM	22.73	1.57	24.3	269.15	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_64QAM	22.74	1.57	24.31	269.77	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_64QAM	22.6	1.57	24.17	261.22	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_64QAM	22.64	1.57	24.21	263.63	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_256QAM	20.58	1.57	22.15	164.06	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_256QAM	20.5	1.57	22.07	161.06	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_256QAM	20.56	1.57	22.13	163.31	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_QPSK	22.13	1.57	23.7	234.42	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_QPSK	23.66	1.57	25.23	333.43	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_QPSK	23.67	1.57	25.24	334.2	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_QPSK	23.76	1.57	25.33	341.19	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_16QAM	22.18	1.57	23.75	237.14	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_16QAM	23.15	1.57	24.72	296.48	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_16QAM	23.05	1.57	24.62	289.73	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_16QAM	23.15	1.57	24.72	296.48	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_64QAM	21.7	1.57	23.27	212.32	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_64QAM	21.69	1.57	23.26	211.84	1000	PASS

DC_5A_n78A	30	15	650000	1@1	CP_64QAM	21.39	1.57	22.96	197.7	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_64QAM	21.47	1.57	23.04	201.37	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_256QAM	18.7	1.57	20.27	106.41	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_256QAM	18.67	1.57	20.24	105.68	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_256QAM	18.74	1.57	20.31	107.4	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_BPSK	24.52	1.57	26.09	406.44	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_BPSK	24.98	1.57	26.55	451.86	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_BPSK	24.85	1.57	26.42	438.53	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_BPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_QPSK	24.02	1.57	25.59	362.24	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_QPSK	25.01	1.57	26.58	454.99	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_QPSK	24.88	1.57	26.45	441.57	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_QPSK	24.96	1.57	26.53	449.78	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_16QAM	23.04	1.57	24.61	289.07	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_16QAM	23.98	1.57	25.55	358.92	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_16QAM	23.74	1.57	25.31	339.63	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_16QAM	23.82	1.57	25.39	345.94	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_64QAM	22.53	1.57	24.1	257.04	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_64QAM	22.6	1.57	24.17	261.22	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_64QAM	22.34	1.57	23.91	246.04	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_64QAM	22.46	1.57	24.03	252.93	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_256QAM	20.46	1.57	22.03	159.59	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_256QAM	20.42	1.57	21.99	158.12	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_QPSK	21.94	1.57	23.51	224.39	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_QPSK	23.54	1.57	25.11	324.34	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_QPSK	23.46	1.57	25.03	318.42	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_QPSK	23.56	1.57	25.13	325.84	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_16QAM	22.04	1.57	23.61	229.61	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_16QAM	22.99	1.57	24.56	285.76	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_16QAM	22.81	1.57	24.38	274.16	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_16QAM	22.93	1.57	24.5	281.84	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_64QAM	21.52	1.57	23.09	203.7	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_64QAM	21.49	1.57	23.06	202.3	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_64QAM	21.15	1.57	22.72	187.07	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_64QAM	21.26	1.57	22.83	191.87	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_256QAM	18.52	1.57	20.09	102.09	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_256QAM	18.53	1.57	20.1	102.33	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_256QAM	18.43	1.57	20	100	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_256QAM	18.57	1.57	20.14	103.28	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_BPSK	24.27	1.57	25.84	383.71	1000	PASS

DC_5A_n78A	30	20	647334	25@12	DFT_BPSK	24.81	1.57	26.38	434.51	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_BPSK	24.68	1.57	26.25	421.7	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_BPSK	24.84	1.57	26.41	437.52	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_QPSK	23.79	1.57	25.36	343.56	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_QPSK	24.77	1.57	26.34	430.53	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_QPSK	24.66	1.57	26.23	419.76	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_QPSK	24.85	1.57	26.42	438.53	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_16QAM	22.85	1.57	24.42	276.69	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_16QAM	23.49	1.57	25.06	320.63	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_16QAM	23.66	1.57	25.23	333.43	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_64QAM	22.22	1.57	23.79	239.33	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_64QAM	22.16	1.57	23.73	236.05	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_64QAM	22.4	1.57	23.97	249.46	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_256QAM	20.2	1.57	21.77	150.31	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_256QAM	20.25	1.57	21.82	152.05	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_256QAM	20.03	1.57	21.6	144.54	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_256QAM	20.28	1.57	21.85	153.11	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_QPSK	21.8	1.57	23.37	217.27	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_QPSK	23.34	1.57	24.91	309.74	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_QPSK	23.24	1.57	24.81	302.69	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_QPSK	23.42	1.57	24.99	315.5	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_16QAM	21.82	1.57	23.39	218.27	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_16QAM	22.88	1.57	24.45	278.61	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_16QAM	22.69	1.57	24.26	266.69	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_16QAM	22.82	1.57	24.39	274.79	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_64QAM	21.34	1.57	22.91	195.43	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_64QAM	21.38	1.57	22.95	197.24	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_64QAM	20.94	1.57	22.51	178.24	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_64QAM	21.16	1.57	22.73	187.5	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_256QAM	18.25	1.57	19.82	95.94	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_256QAM	18.31	1.57	19.88	97.27	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_256QAM	18.24	1.57	19.81	95.72	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_256QAM	18.44	1.57	20.01	100.23	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_BPSK	24.65	1.57	26.22	418.79	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_BPSK	25.18	1.57	26.75	473.15	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_BPSK	25.09	1.57	26.66	463.45	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_BPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_QPSK	24.18	1.57	25.75	375.84	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_QPSK	25.18	1.57	26.75	473.15	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_QPSK	25.09	1.57	26.66	463.45	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_QPSK	25.2	1.57	26.77	475.34	1000	PASS

DC_5A_n78A	30	20	650000	50@0	DFT_16QAM	23.2	1.57	24.77	299.92	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_16QAM	24.16	1.57	25.73	374.11	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_16QAM	23.94	1.57	25.51	355.63	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_16QAM	24.06	1.57	25.63	365.59	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_64QAM	22.63	1.57	24.2	263.03	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_64QAM	22.72	1.57	24.29	268.53	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_64QAM	22.6	1.57	24.17	261.22	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_64QAM	22.78	1.57	24.35	272.27	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_256QAM	20.63	1.57	22.2	165.96	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_256QAM	20.51	1.57	22.08	161.44	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_256QAM	20.58	1.57	22.15	164.06	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_QPSK	22.24	1.57	23.81	240.44	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_QPSK	23.71	1.57	25.28	337.29	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_QPSK	23.71	1.57	25.28	337.29	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_QPSK	23.83	1.57	25.4	346.74	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_16QAM	22.2	1.57	23.77	238.23	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_16QAM	23.3	1.57	24.87	306.9	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_16QAM	23.11	1.57	24.68	293.76	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_16QAM	23.13	1.57	24.7	295.12	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_64QAM	21.7	1.57	23.27	212.32	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_64QAM	21.87	1.57	23.44	220.8	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_64QAM	21.43	1.57	23	199.53	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_64QAM	21.47	1.57	23.04	201.37	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_256QAM	18.64	1.57	20.21	104.95	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_256QAM	18.68	1.57	20.25	105.93	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_256QAM	18.73	1.57	20.3	107.15	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_256QAM	18.78	1.57	20.35	108.39	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_BPSK	24.49	1.57	26.06	403.65	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_BPSK	24.94	1.57	26.51	447.71	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_BPSK	24.89	1.57	26.46	442.59	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_BPSK	25	1.57	26.57	453.94	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_QPSK	24.03	1.57	25.6	363.08	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_QPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_QPSK	24.91	1.57	26.48	444.63	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_QPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_16QAM	22.96	1.57	24.53	283.79	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_16QAM	23.97	1.57	25.54	358.1	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_16QAM	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_16QAM	23.84	1.57	25.41	347.54	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_64QAM	22.49	1.57	24.06	254.68	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_64QAM	22.51	1.57	24.08	255.86	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_64QAM	22.45	1.57	24.02	252.35	1000	PASS

DC_5A_n78A	30	20	652666	1@49	DFT_64QAM	22.54	1.57	24.11	257.63	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_256QAM	20.43	1.57	22	158.49	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_256QAM	20.45	1.57	22.02	159.22	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_256QAM	20.32	1.57	21.89	154.53	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_QPSK	22.02	1.57	23.59	228.56	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_QPSK	23.53	1.57	25.1	323.59	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_QPSK	23.46	1.57	25.03	318.42	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_QPSK	23.58	1.57	25.15	327.34	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_16QAM	22.04	1.57	23.61	229.61	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_16QAM	23.09	1.57	24.66	292.42	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_16QAM	22.91	1.57	24.48	280.54	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_16QAM	22.98	1.57	24.55	285.1	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_64QAM	21.5	1.57	23.07	202.77	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_64QAM	21.63	1.57	23.2	208.93	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_64QAM	21.19	1.57	22.76	188.8	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_64QAM	21.32	1.57	22.89	194.54	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_256QAM	18.49	1.57	20.06	101.39	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_256QAM	18.54	1.57	20.11	102.57	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_256QAM	18.49	1.57	20.06	101.39	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_256QAM	18.63	1.57	20.2	104.71	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_BPSK	24.39	1.57	25.96	394.46	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_BPSK	24.94	1.57	26.51	447.71	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_BPSK	25.03	1.57	26.6	457.09	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_QPSK	23.93	1.57	25.5	354.81	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_QPSK	24.9	1.57	26.47	443.61	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_QPSK	24.6	1.57	26.17	414	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_QPSK	24.99	1.57	26.56	452.9	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_16QAM	22.95	1.57	24.52	283.14	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_16QAM	23.94	1.57	25.51	355.63	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_16QAM	23.4	1.57	24.97	314.05	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_16QAM	23.8	1.57	25.37	344.35	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_64QAM	22.44	1.57	24.01	251.77	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_64QAM	22.48	1.57	24.05	254.1	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_64QAM	22.14	1.57	23.71	234.96	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_64QAM	22.54	1.57	24.11	257.63	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_256QAM	20.33	1.57	21.9	154.88	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_256QAM	20.31	1.57	21.88	154.17	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_256QAM	19.95	1.57	21.52	141.91	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_256QAM	20.36	1.57	21.93	155.96	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_QPSK	21.95	1.57	23.52	224.91	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_QPSK	23.46	1.57	25.03	318.42	1000	PASS

DC_5A_n78A	30	40	648000	1@1	CP_QPSK	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_QPSK	23.58	1.57	25.15	327.34	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_16QAM	21.94	1.57	23.51	224.39	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_16QAM	23	1.57	24.57	286.42	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_16QAM	22.55	1.57	24.12	258.23	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_16QAM	22.91	1.57	24.48	280.54	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_64QAM	21.46	1.57	23.03	200.91	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_64QAM	21.55	1.57	23.12	205.12	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_64QAM	20.9	1.57	22.47	176.6	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_64QAM	21.26	1.57	22.83	191.87	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_256QAM	18.42	1.57	19.99	99.77	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_256QAM	18.15	1.57	19.72	93.76	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_256QAM	18.57	1.57	20.14	103.28	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_BPSK	24.69	1.57	26.26	422.67	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_BPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_BPSK	25.06	1.57	26.63	460.26	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_BPSK	25.22	1.57	26.79	477.53	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_QPSK	24.24	1.57	25.81	381.07	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_QPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_QPSK	25.04	1.57	26.61	458.14	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_QPSK	25.22	1.57	26.79	477.53	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_16QAM	23.26	1.57	24.83	304.09	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_16QAM	24.23	1.57	25.8	380.19	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_16QAM	23.89	1.57	25.46	351.56	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_16QAM	24.04	1.57	25.61	363.92	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_64QAM	22.76	1.57	24.33	271.02	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_64QAM	22.78	1.57	24.35	272.27	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_64QAM	22.59	1.57	24.16	260.62	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_64QAM	22.72	1.57	24.29	268.53	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_256QAM	20.58	1.57	22.15	164.06	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_256QAM	20.63	1.57	22.2	165.96	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_256QAM	20.42	1.57	21.99	158.12	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_QPSK	22.25	1.57	23.82	240.99	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_QPSK	23.86	1.57	25.43	349.14	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_QPSK	23.66	1.57	25.23	333.43	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_QPSK	23.79	1.57	25.36	343.56	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_16QAM	22.27	1.57	23.84	242.1	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_16QAM	23.3	1.57	24.87	306.9	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_16QAM	23.09	1.57	24.66	292.42	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_16QAM	23.26	1.57	24.83	304.09	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_64QAM	21.82	1.57	23.39	218.27	1000	PASS

DC_5A_n78A	30	40	650000	53@26	CP_64QAM	21.82	1.57	23.39	218.27	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_64QAM	21.37	1.57	22.94	196.79	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_64QAM	21.51	1.57	23.08	203.24	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_256QAM	18.65	1.57	20.22	105.2	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_256QAM	18.68	1.57	20.25	105.93	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_256QAM	18.57	1.57	20.14	103.28	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_256QAM	18.73	1.57	20.3	107.15	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_BPSK	24.58	1.57	26.15	412.1	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_BPSK	25.08	1.57	26.65	462.38	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_BPSK	24.93	1.57	26.5	446.68	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_BPSK	25.07	1.57	26.64	461.32	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_QPSK	24.1	1.57	25.67	368.98	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_QPSK	25.07	1.57	26.64	461.32	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_QPSK	24.96	1.57	26.53	449.78	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_QPSK	25.09	1.57	26.66	463.45	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_16QAM	23.11	1.57	24.68	293.76	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_16QAM	24.1	1.57	25.67	368.98	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_16QAM	23.76	1.57	25.33	341.19	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_16QAM	23.87	1.57	25.44	349.95	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_64QAM	22.64	1.57	24.21	263.63	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_64QAM	22.58	1.57	24.15	260.02	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_64QAM	22.56	1.57	24.13	258.82	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_256QAM	20.49	1.57	22.06	160.69	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_256QAM	20.48	1.57	22.05	160.32	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_256QAM	20.31	1.57	21.88	154.17	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_256QAM	20.44	1.57	22.01	158.85	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_QPSK	22.12	1.57	23.69	233.88	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_QPSK	23.6	1.57	25.17	328.85	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_QPSK	23.5	1.57	25.07	321.37	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_QPSK	23.62	1.57	25.19	330.37	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_16QAM	22.09	1.57	23.66	232.27	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_16QAM	23.13	1.57	24.7	295.12	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_16QAM	22.88	1.57	24.45	278.61	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_16QAM	23.01	1.57	24.58	287.08	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_64QAM	21.62	1.57	23.19	208.45	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_64QAM	21.65	1.57	23.22	209.89	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_64QAM	21.25	1.57	22.82	191.43	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_256QAM	18.54	1.57	20.11	102.57	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_256QAM	18.53	1.57	20.1	102.33	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_256QAM	18.51	1.57	20.08	101.86	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS

DC_5A_n78A	30	50	648334	128@0	DFT_BPSK	24.49	1.57	26.06	403.65	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_BPSK	24.98	1.57	26.55	451.86	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_BPSK	24.55	1.57	26.12	409.26	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_BPSK	25.03	1.57	26.6	457.09	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_QPSK	23.95	1.57	25.52	356.45	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_QPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_QPSK	24.59	1.57	26.16	413.05	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_QPSK	25.04	1.57	26.61	458.14	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_16QAM	23.01	1.57	24.58	287.08	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_16QAM	23.99	1.57	25.56	359.75	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_16QAM	23.41	1.57	24.98	314.77	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_16QAM	23.85	1.57	25.42	348.34	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_64QAM	22.53	1.57	24.1	257.04	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_64QAM	22.51	1.57	24.08	255.86	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_64QAM	22.12	1.57	23.69	233.88	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_64QAM	22.49	1.57	24.06	254.68	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_256QAM	20.37	1.57	21.94	156.31	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_256QAM	20.46	1.57	22.03	159.59	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_256QAM	19.92	1.57	21.49	140.93	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_256QAM	20.35	1.57	21.92	155.6	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_QPSK	22.03	1.57	23.6	229.09	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_QPSK	23.53	1.57	25.1	323.59	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_QPSK	23.18	1.57	24.75	298.54	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_QPSK	23.61	1.57	25.18	329.61	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_16QAM	22.04	1.57	23.61	229.61	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_16QAM	23.07	1.57	24.64	291.07	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_16QAM	22.53	1.57	24.1	257.04	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_16QAM	22.97	1.57	24.54	284.45	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_64QAM	21.47	1.57	23.04	201.37	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_64QAM	21.67	1.57	23.24	210.86	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_64QAM	20.92	1.57	22.49	177.42	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_256QAM	18.44	1.57	20.01	100.23	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_256QAM	18.46	1.57	20.03	100.69	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_256QAM	18.09	1.57	19.66	92.47	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_256QAM	18.47	1.57	20.04	100.93	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_BPSK	24.69	1.57	26.26	422.67	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_BPSK	25.12	1.57	26.69	466.66	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_BPSK	24.95	1.57	26.52	448.75	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_BPSK	25.14	1.57	26.71	468.81	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_QPSK	24.22	1.57	25.79	379.31	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_QPSK	25.15	1.57	26.72	469.89	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_QPSK	24.97	1.57	26.54	450.82	1000	PASS

DC_5A_n78A	30	50	650000	1@131	DFT_QPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_16QAM	23.28	1.57	24.85	305.49	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_16QAM	24.25	1.57	25.82	381.94	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_16QAM	23.81	1.57	25.38	345.14	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_16QAM	24.02	1.57	25.59	362.24	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_64QAM	22.75	1.57	24.32	270.4	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_64QAM	22.8	1.57	24.37	273.53	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_64QAM	22.47	1.57	24.04	253.51	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_64QAM	22.71	1.57	24.28	267.92	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_256QAM	20.66	1.57	22.23	167.11	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_256QAM	20.7	1.57	22.27	168.66	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_256QAM	20.29	1.57	21.86	153.46	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_256QAM	20.58	1.57	22.15	164.06	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_QPSK	22.25	1.57	23.82	240.99	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_QPSK	23.78	1.57	25.35	342.77	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_QPSK	23.56	1.57	25.13	325.84	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_QPSK	23.78	1.57	25.35	342.77	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_16QAM	22.28	1.57	23.85	242.66	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_16QAM	23.28	1.57	24.85	305.49	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_16QAM	22.97	1.57	24.54	284.45	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_16QAM	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_64QAM	21.73	1.57	23.3	213.8	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_64QAM	21.8	1.57	23.37	217.27	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_64QAM	21.33	1.57	22.9	194.98	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_64QAM	21.59	1.57	23.16	207.01	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_256QAM	18.65	1.57	20.22	105.2	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_256QAM	18.72	1.57	20.29	106.91	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_256QAM	18.5	1.57	20.07	101.62	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_256QAM	18.73	1.57	20.3	107.15	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_BPSK	24.59	1.57	26.16	413.05	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_BPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_BPSK	24.82	1.57	26.39	435.51	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_BPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_QPSK	24.1	1.57	25.67	368.98	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_QPSK	25.13	1.57	26.7	467.74	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_QPSK	24.85	1.57	26.42	438.53	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_QPSK	25.05	1.57	26.62	459.2	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_16QAM	23.1	1.57	24.67	293.09	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_16QAM	24.07	1.57	25.64	366.44	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_16QAM	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_16QAM	23.88	1.57	25.45	350.75	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_64QAM	22.63	1.57	24.2	263.03	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_64QAM	22.64	1.57	24.21	263.63	1000	PASS

DC_5A_n78A	30	50	651666	1@1	DFT_64QAM	22.36	1.57	23.93	247.17	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_64QAM	22.61	1.57	24.18	261.82	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_256QAM	20.49	1.57	22.06	160.69	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_256QAM	20.56	1.57	22.13	163.31	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_256QAM	20.2	1.57	21.77	150.31	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_256QAM	20.45	1.57	22.02	159.22	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_QPSK	22.08	1.57	23.65	231.74	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_QPSK	23.62	1.57	25.19	330.37	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_QPSK	23.65	1.57	25.22	332.66	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_16QAM	22.08	1.57	23.65	231.74	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_16QAM	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_16QAM	22.79	1.57	24.36	272.9	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_16QAM	23.02	1.57	24.59	287.74	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_64QAM	21.65	1.57	23.22	209.89	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_64QAM	21.68	1.57	23.25	211.35	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_64QAM	21.21	1.57	22.78	189.67	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_64QAM	21.38	1.57	22.95	197.24	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_256QAM	18.49	1.57	20.06	101.39	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_256QAM	18.58	1.57	20.15	103.51	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_256QAM	18.36	1.57	19.93	98.4	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_256QAM	18.6	1.57	20.17	103.99	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_BPSK	24.43	1.57	26	398.11	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_BPSK	25.02	1.57	26.59	456.04	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_BPSK	24.55	1.57	26.12	409.26	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_BPSK	25.05	1.57	26.62	459.2	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_QPSK	23.96	1.57	25.53	357.27	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_QPSK	24.99	1.57	26.56	452.9	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_QPSK	24.56	1.57	26.13	410.2	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_QPSK	25.05	1.57	26.62	459.2	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_16QAM	22.98	1.57	24.55	285.1	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_16QAM	24.04	1.57	25.61	363.92	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_16QAM	23.39	1.57	24.96	313.33	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_16QAM	23.93	1.57	25.5	354.81	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_64QAM	22.46	1.57	24.03	252.93	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_64QAM	22.55	1.57	24.12	258.23	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_64QAM	22.04	1.57	23.61	229.61	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_64QAM	22.48	1.57	24.05	254.1	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_256QAM	20.37	1.57	21.94	156.31	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_256QAM	19.87	1.57	21.44	139.32	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_256QAM	20.41	1.57	21.98	157.76	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_QPSK	22.02	1.57	23.59	228.56	1000	PASS

DC_5A_n78A	30	60	648668	81@40	CP_QPSK	23.52	1.57	25.09	322.85	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_QPSK	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_QPSK	23.63	1.57	25.2	331.13	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_16QAM	21.98	1.57	23.55	226.46	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_16QAM	23.02	1.57	24.59	287.74	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_16QAM	22.51	1.57	24.08	255.86	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_16QAM	23.01	1.57	24.58	287.08	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_64QAM	21.45	1.57	23.02	200.45	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_64QAM	21.59	1.57	23.16	207.01	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_64QAM	20.85	1.57	22.42	174.58	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_64QAM	21.36	1.57	22.93	196.34	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_256QAM	18.4	1.57	19.97	99.31	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_256QAM	18.42	1.57	19.99	99.77	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_256QAM	18.04	1.57	19.61	91.41	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_256QAM	18.51	1.57	20.08	101.86	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_BPSK	24.65	1.57	26.22	418.79	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_BPSK	25.19	1.57	26.76	474.24	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_BPSK	24.84	1.57	26.41	437.52	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_BPSK	25.14	1.57	26.71	468.81	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_QPSK	24.19	1.57	25.76	376.7	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_QPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_QPSK	24.86	1.57	26.43	439.54	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_QPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_16QAM	23.19	1.57	24.76	299.23	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_16QAM	24.25	1.57	25.82	381.94	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_16QAM	23.68	1.57	25.25	334.97	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_16QAM	23.99	1.57	25.56	359.75	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_64QAM	22.73	1.57	24.3	269.15	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_64QAM	22.77	1.57	24.34	271.64	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_64QAM	22.35	1.57	23.92	246.6	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_64QAM	22.64	1.57	24.21	263.63	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_256QAM	20.61	1.57	22.18	165.2	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_256QAM	20.21	1.57	21.78	150.66	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_256QAM	20.5	1.57	22.07	161.06	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_QPSK	22.21	1.57	23.78	238.78	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_QPSK	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_QPSK	23.46	1.57	25.03	318.42	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_QPSK	23.76	1.57	25.33	341.19	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_16QAM	22.25	1.57	23.82	240.99	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_16QAM	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_16QAM	22.84	1.57	24.41	276.06	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_16QAM	23.1	1.57	24.67	293.09	1000	PASS

DC_5A_n78A	30	60	650000	162@0	CP_64QAM	21.76	1.57	23.33	215.28	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_64QAM	21.78	1.57	23.35	216.27	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_64QAM	21.17	1.57	22.74	187.93	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_64QAM	21.46	1.57	23.03	200.91	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_256QAM	18.63	1.57	20.2	104.71	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_256QAM	18.65	1.57	20.22	105.2	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_256QAM	18.39	1.57	19.96	99.08	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_256QAM	18.69	1.57	20.26	106.17	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_BPSK	24.61	1.57	26.18	414.95	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_BPSK	25.09	1.57	26.66	463.45	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_BPSK	24.87	1.57	26.44	440.55	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_BPSK	25.12	1.57	26.69	466.66	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_QPSK	24.09	1.57	25.66	368.13	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_QPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_QPSK	24.89	1.57	26.46	442.59	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_QPSK	25.12	1.57	26.69	466.66	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_16QAM	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_16QAM	24.14	1.57	25.71	372.39	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_16QAM	23.74	1.57	25.31	339.63	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_16QAM	23.97	1.57	25.54	358.1	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_64QAM	22.6	1.57	24.17	261.22	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_64QAM	22.65	1.57	24.22	264.24	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_64QAM	22.56	1.57	24.13	258.82	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_256QAM	20.52	1.57	22.09	161.81	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_256QAM	20.52	1.57	22.09	161.81	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_256QAM	20.23	1.57	21.8	151.36	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_256QAM	20.53	1.57	22.1	162.18	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_QPSK	22.12	1.57	23.69	233.88	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_QPSK	23.57	1.57	25.14	326.59	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_QPSK	23.47	1.57	25.04	319.15	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_QPSK	23.69	1.57	25.26	335.74	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_16QAM	22.16	1.57	23.73	236.05	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_16QAM	23.13	1.57	24.7	295.12	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_16QAM	22.85	1.57	24.42	276.69	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_16QAM	23.04	1.57	24.61	289.07	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_64QAM	21.68	1.57	23.25	211.35	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_64QAM	21.65	1.57	23.22	209.89	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_64QAM	21.21	1.57	22.78	189.67	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_64QAM	21.42	1.57	22.99	199.07	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_256QAM	18.53	1.57	20.1	102.33	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_256QAM	18.54	1.57	20.11	102.57	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_256QAM	18.41	1.57	19.98	99.54	1000	PASS

DC_5A_n78A	30	60	651332	1@160	CP_256QAM	18.65	1.57	20.22	105.2	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_BPSK	24.61	1.57	26.18	414.95	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_BPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_BPSK	24.77	1.57	26.34	430.53	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_BPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_QPSK	24.14	1.57	25.71	372.39	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_QPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_QPSK	24.77	1.57	26.34	430.53	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_QPSK	25.2	1.57	26.77	475.34	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_16QAM	23.17	1.57	24.74	297.85	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_16QAM	24.19	1.57	25.76	376.7	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_16QAM	23.6	1.57	25.17	328.85	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_16QAM	24.05	1.57	25.62	364.75	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_64QAM	22.67	1.57	24.24	265.46	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_64QAM	22.69	1.57	24.26	266.69	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_64QAM	22.21	1.57	23.78	238.78	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_64QAM	22.68	1.57	24.25	266.07	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_256QAM	20.58	1.57	22.15	164.06	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_256QAM	20.14	1.57	21.71	148.25	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_QPSK	22.16	1.57	23.73	236.05	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_QPSK	23.63	1.57	25.2	331.13	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_QPSK	23.34	1.57	24.91	309.74	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_QPSK	23.79	1.57	25.36	343.56	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_16QAM	22.12	1.57	23.69	233.88	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_16QAM	23.16	1.57	24.73	297.17	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_16QAM	22.69	1.57	24.26	266.69	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_16QAM	23.17	1.57	24.74	297.85	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_64QAM	21.66	1.57	23.23	210.38	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_64QAM	21.68	1.57	23.25	211.35	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_64QAM	21.11	1.57	22.68	185.35	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_64QAM	21.5	1.57	23.07	202.77	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_256QAM	18.62	1.57	20.19	104.47	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_256QAM	18.63	1.57	20.2	104.71	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_256QAM	18.3	1.57	19.87	97.05	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_256QAM	18.76	1.57	20.33	107.89	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_BPSK	24.67	1.57	26.24	420.73	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_BPSK	25.2	1.57	26.77	475.34	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_BPSK	24.87	1.57	26.44	440.55	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_BPSK	25.15	1.57	26.72	469.89	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_QPSK	24.17	1.57	25.74	374.97	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_QPSK	25.14	1.57	26.71	468.81	1000	PASS

DC_5A_n78A	30	70	650000	1@1	DFT_QPSK	24.87	1.57	26.44	440.55	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_QPSK	25.16	1.57	26.73	470.98	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_16QAM	23.18	1.57	24.75	298.54	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_16QAM	24.28	1.57	25.85	384.59	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_16QAM	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_16QAM	24	1.57	25.57	360.58	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_64QAM	22.72	1.57	24.29	268.53	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_64QAM	22.75	1.57	24.32	270.4	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_64QAM	22.31	1.57	23.88	244.34	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_64QAM	22.61	1.57	24.18	261.82	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_256QAM	20.68	1.57	22.25	167.88	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_256QAM	20.68	1.57	22.25	167.88	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_256QAM	20.3	1.57	21.87	153.82	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_256QAM	20.59	1.57	22.16	164.44	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_QPSK	22.23	1.57	23.8	239.88	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_QPSK	23.74	1.57	25.31	339.63	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_QPSK	23.52	1.57	25.09	322.85	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_QPSK	23.75	1.57	25.32	340.41	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_16QAM	22.24	1.57	23.81	240.44	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_16QAM	23.25	1.57	24.82	303.39	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_16QAM	22.85	1.57	24.42	276.69	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_16QAM	23.11	1.57	24.68	293.76	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_64QAM	21.82	1.57	23.39	218.27	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_64QAM	21.81	1.57	23.38	217.77	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_64QAM	21.24	1.57	22.81	190.99	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_64QAM	21.49	1.57	23.06	202.3	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_256QAM	18.68	1.57	20.25	105.93	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_256QAM	18.68	1.57	20.25	105.93	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_256QAM	18.45	1.57	20.02	100.46	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_256QAM	18.72	1.57	20.29	106.91	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_BPSK	24.65	1.57	26.22	418.79	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_BPSK	25.15	1.57	26.72	469.89	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_BPSK	24.96	1.57	26.53	449.78	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_BPSK	25.18	1.57	26.75	473.15	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_QPSK	24.16	1.57	25.73	374.11	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_QPSK	25.17	1.57	26.74	472.06	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_QPSK	24.97	1.57	26.54	450.82	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_QPSK	25.16	1.57	26.73	470.98	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_16QAM	23.2	1.57	24.77	299.92	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_16QAM	24.21	1.57	25.78	378.44	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_16QAM	23.83	1.57	25.4	346.74	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_16QAM	24.1	1.57	25.67	368.98	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_64QAM	22.71	1.57	24.28	267.92	1000	PASS

DC_5A_n78A	30	70	651000	90@45	DFT_64QAM	22.69	1.57	24.26	266.69	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_64QAM	22.45	1.57	24.02	252.35	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_64QAM	22.65	1.57	24.22	264.24	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_256QAM	20.62	1.57	22.19	165.58	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_256QAM	20.65	1.57	22.22	166.72	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_256QAM	20.4	1.57	21.97	157.4	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_256QAM	20.69	1.57	22.26	168.27	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_QPSK	22.19	1.57	23.76	237.68	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_QPSK	23.71	1.57	25.28	337.29	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_QPSK	23.58	1.57	25.15	327.34	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_QPSK	23.78	1.57	25.35	342.77	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_16QAM	22.19	1.57	23.76	237.68	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_16QAM	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_16QAM	22.89	1.57	24.46	279.25	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_16QAM	23.21	1.57	24.78	300.61	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_64QAM	21.71	1.57	23.28	212.81	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_64QAM	21.74	1.57	23.31	214.29	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_64QAM	21.32	1.57	22.89	194.54	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_64QAM	21.57	1.57	23.14	206.06	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_256QAM	18.64	1.57	20.21	104.95	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_256QAM	18.61	1.57	20.18	104.23	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_256QAM	18.56	1.57	20.13	103.04	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_256QAM	18.85	1.57	20.42	110.15	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_BPSK	25.15	1.57	26.72	469.89	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_BPSK	24.81	1.57	26.38	434.51	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_BPSK	25.2	1.57	26.77	475.34	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_QPSK	24.17	1.57	25.74	374.97	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_QPSK	25.19	1.57	26.76	474.24	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_QPSK	24.78	1.57	26.35	431.52	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_QPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_16QAM	23.18	1.57	24.75	298.54	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_16QAM	24.22	1.57	25.79	379.31	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_16QAM	23.59	1.57	25.16	328.1	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_16QAM	24	1.57	25.57	360.58	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_64QAM	22.63	1.57	24.2	263.03	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_64QAM	22.73	1.57	24.3	269.15	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_64QAM	22.25	1.57	23.82	240.99	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_64QAM	22.66	1.57	24.23	264.85	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_256QAM	20.56	1.57	22.13	163.31	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_256QAM	20.68	1.57	22.25	167.88	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_256QAM	20.14	1.57	21.71	148.25	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_256QAM	20.6	1.57	22.17	164.82	1000	PASS

DC_5A_n78A	30	80	649334	217@0	CP_QPSK	22.14	1.57	23.71	234.96	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_QPSK	23.63	1.57	25.2	331.13	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_QPSK	23.35	1.57	24.92	310.46	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_QPSK	23.75	1.57	25.32	340.41	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_16QAM	22.11	1.57	23.68	233.35	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_16QAM	23.19	1.57	24.76	299.23	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_16QAM	22.8	1.57	24.37	273.53	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_16QAM	23.16	1.57	24.73	297.17	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_64QAM	21.64	1.57	23.21	209.41	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_64QAM	21.7	1.57	23.27	212.32	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_64QAM	21.08	1.57	22.65	184.08	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_64QAM	21.43	1.57	23	199.53	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_256QAM	18.59	1.57	20.16	103.75	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_256QAM	18.33	1.57	19.9	97.72	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_256QAM	18.72	1.57	20.29	106.91	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_BPSK	24.68	1.57	26.25	421.7	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_BPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_BPSK	24.88	1.57	26.45	441.57	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_BPSK	25.2	1.57	26.77	475.34	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_QPSK	24.19	1.57	25.76	376.7	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_QPSK	25.13	1.57	26.7	467.74	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_QPSK	24.89	1.57	26.46	442.59	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_QPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_16QAM	23.18	1.57	24.75	298.54	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_16QAM	24.3	1.57	25.87	386.37	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_16QAM	23.65	1.57	25.22	332.66	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_16QAM	24.01	1.57	25.58	361.41	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_64QAM	22.74	1.57	24.31	269.77	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_64QAM	22.77	1.57	24.34	271.64	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_64QAM	22.39	1.57	23.96	248.89	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_64QAM	22.68	1.57	24.25	266.07	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_256QAM	20.66	1.57	22.23	167.11	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_256QAM	20.69	1.57	22.26	168.27	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_256QAM	20.27	1.57	21.84	152.76	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_256QAM	20.63	1.57	22.2	165.96	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_QPSK	22.21	1.57	23.78	238.78	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_QPSK	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_QPSK	23.45	1.57	25.02	317.69	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_QPSK	23.8	1.57	25.37	344.35	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_16QAM	22.2	1.57	23.77	238.23	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_16QAM	23.24	1.57	24.81	302.69	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_16QAM	22.85	1.57	24.42	276.69	1000	PASS

DC_5A_n78A	30	80	650000	1@215	CP_16QAM	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_64QAM	21.71	1.57	23.28	212.81	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_64QAM	21.75	1.57	23.32	214.78	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_64QAM	21.18	1.57	22.75	188.36	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_64QAM	21.46	1.57	23.03	200.91	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_256QAM	18.7	1.57	20.27	106.41	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_256QAM	18.42	1.57	19.99	99.77	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_256QAM	18.78	1.57	20.35	108.39	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_BPSK	24.62	1.57	26.19	415.91	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_BPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_BPSK	24.88	1.57	26.45	441.57	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_BPSK	25.19	1.57	26.76	474.24	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_QPSK	24.14	1.57	25.71	372.39	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_QPSK	25.19	1.57	26.76	474.24	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_QPSK	24.88	1.57	26.45	441.57	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_QPSK	25.2	1.57	26.77	475.34	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_16QAM	23.14	1.57	24.71	295.8	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_16QAM	24.2	1.57	25.77	377.57	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_16QAM	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_16QAM	24	1.57	25.57	360.58	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_64QAM	22.66	1.57	24.23	264.85	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_64QAM	22.7	1.57	24.27	267.3	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_64QAM	22.39	1.57	23.96	248.89	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_64QAM	22.67	1.57	24.24	265.46	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_256QAM	20.63	1.57	22.2	165.96	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_256QAM	20.62	1.57	22.19	165.58	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_256QAM	20.28	1.57	21.85	153.11	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_256QAM	20.63	1.57	22.2	165.96	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_QPSK	22.13	1.57	23.7	234.42	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_QPSK	23.72	1.57	25.29	338.06	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_QPSK	23.77	1.57	25.34	341.98	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_16QAM	22.13	1.57	23.7	234.42	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_16QAM	23.18	1.57	24.75	298.54	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_16QAM	22.8	1.57	24.37	273.53	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_16QAM	23.18	1.57	24.75	298.54	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_64QAM	21.65	1.57	23.22	209.89	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_64QAM	21.69	1.57	23.26	211.84	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_64QAM	21.2	1.57	22.77	189.23	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_64QAM	21.48	1.57	23.05	201.84	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_256QAM	18.64	1.57	20.21	104.95	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_256QAM	18.64	1.57	20.21	104.95	1000	PASS

DC_5A_n78A	30	80	650666	1@1	CP_256QAM	18.48	1.57	20.05	101.16	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_256QAM	18.78	1.57	20.35	108.39	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_BPSK	24.7	1.57	26.27	423.64	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_BPSK	25.12	1.57	26.69	466.66	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_BPSK	24.78	1.57	26.35	431.52	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_BPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_QPSK	24.25	1.57	25.82	381.94	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_QPSK	25.13	1.57	26.7	467.74	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_QPSK	24.8	1.57	26.37	433.51	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_QPSK	25.12	1.57	26.69	466.66	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_16QAM	23.26	1.57	24.83	304.09	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_16QAM	24.3	1.57	25.87	386.37	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_16QAM	23.58	1.57	25.15	327.34	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_16QAM	24.02	1.57	25.59	362.24	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_64QAM	22.79	1.57	24.36	272.9	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_64QAM	22.79	1.57	24.36	272.9	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_64QAM	22.3	1.57	23.87	243.78	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_64QAM	22.68	1.57	24.25	266.07	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_256QAM	20.64	1.57	22.21	166.34	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_256QAM	20.72	1.57	22.29	169.43	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_256QAM	20.15	1.57	21.72	148.59	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_256QAM	20.67	1.57	22.24	167.49	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_QPSK	22.25	1.57	23.82	240.99	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_QPSK	23.76	1.57	25.33	341.19	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_QPSK	23.35	1.57	24.92	310.46	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_QPSK	23.75	1.57	25.32	340.41	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_16QAM	22.22	1.57	23.79	239.33	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_16QAM	23.24	1.57	24.81	302.69	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_16QAM	22.7	1.57	24.27	267.3	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_16QAM	23.16	1.57	24.73	297.17	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_64QAM	21.75	1.57	23.32	214.78	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_64QAM	21.78	1.57	23.35	216.27	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_64QAM	21.03	1.57	22.6	181.97	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_64QAM	21.49	1.57	23.06	202.3	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_256QAM	18.7	1.57	20.27	106.41	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_256QAM	18.26	1.57	19.83	96.16	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_256QAM	18.76	1.57	20.33	107.89	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_BPSK	24.64	1.57	26.21	417.83	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_BPSK	25.16	1.57	26.73	470.98	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_BPSK	24.8	1.57	26.37	433.51	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_BPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_QPSK	24.18	1.57	25.75	375.84	1000	PASS

DC_5A_n78A	30	90	650000	120@60	DFT_QPSK	25.11	1.57	26.68	465.59	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_QPSK	24.82	1.57	26.39	435.51	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_QPSK	25.16	1.57	26.73	470.98	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_16QAM	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_16QAM	24.29	1.57	25.86	385.48	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_16QAM	23.57	1.57	25.14	326.59	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_16QAM	24.07	1.57	25.64	366.44	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_64QAM	22.73	1.57	24.3	269.15	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_64QAM	22.77	1.57	24.34	271.64	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_64QAM	22.3	1.57	23.87	243.78	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_64QAM	22.71	1.57	24.28	267.92	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_256QAM	20.68	1.57	22.25	167.88	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_256QAM	20.7	1.57	22.27	168.66	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_256QAM	20.14	1.57	21.71	148.25	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_256QAM	20.63	1.57	22.2	165.96	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_QPSK	22.24	1.57	23.81	240.44	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_QPSK	23.73	1.57	25.3	338.84	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_QPSK	23.43	1.57	25	316.23	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_QPSK	23.87	1.57	25.44	349.95	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_16QAM	22.21	1.57	23.78	238.78	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_16QAM	23.28	1.57	24.85	305.49	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_16QAM	22.72	1.57	24.29	268.53	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_16QAM	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_64QAM	21.69	1.57	23.26	211.84	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_64QAM	21.79	1.57	23.36	216.77	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_64QAM	21.09	1.57	22.66	184.5	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_64QAM	21.52	1.57	23.09	203.7	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_256QAM	18.67	1.57	20.24	105.68	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_256QAM	18.71	1.57	20.28	106.66	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_256QAM	18.35	1.57	19.92	98.17	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_256QAM	18.79	1.57	20.36	108.64	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_BPSK	24.6	1.57	26.17	414	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_BPSK	25.21	1.57	26.78	476.43	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_BPSK	24.75	1.57	26.32	428.55	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_BPSK	25.14	1.57	26.71	468.81	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_QPSK	24.16	1.57	25.73	374.11	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_QPSK	25.16	1.57	26.73	470.98	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_QPSK	24.78	1.57	26.35	431.52	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_QPSK	25.18	1.57	26.75	473.15	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_16QAM	23.16	1.57	24.73	297.17	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_16QAM	24.21	1.57	25.78	378.44	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_16QAM	23.61	1.57	25.18	329.61	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_16QAM	23.96	1.57	25.53	357.27	1000	PASS

DC_5A_n78A	30	90	650332	243@0	DFT_64QAM	22.68	1.57	24.25	266.07	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_64QAM	22.71	1.57	24.28	267.92	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_64QAM	22.26	1.57	23.83	241.55	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_64QAM	22.68	1.57	24.25	266.07	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_256QAM	20.64	1.57	22.21	166.34	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_256QAM	20.64	1.57	22.21	166.34	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_256QAM	20.2	1.57	21.77	150.31	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_256QAM	20.69	1.57	22.26	168.27	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_QPSK	22.19	1.57	23.76	237.68	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_QPSK	23.68	1.57	25.25	334.97	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_QPSK	23.37	1.57	24.94	311.89	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_QPSK	23.81	1.57	25.38	345.14	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_16QAM	22.15	1.57	23.72	235.5	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_16QAM	23.22	1.57	24.79	301.3	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_16QAM	22.77	1.57	24.34	271.64	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_16QAM	23.21	1.57	24.78	300.61	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_64QAM	21.65	1.57	23.22	209.89	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_64QAM	21.76	1.57	23.33	215.28	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_64QAM	21.08	1.57	22.65	184.08	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_64QAM	21.54	1.57	23.11	204.64	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_256QAM	18.61	1.57	20.18	104.23	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_256QAM	18.64	1.57	20.21	104.95	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_256QAM	18.31	1.57	19.88	97.27	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_256QAM	18.88	1.57	20.45	110.92	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_BPSK	24.63	1.57	26.2	416.87	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_BPSK	25.13	1.57	26.7	467.74	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_BPSK	24.75	1.57	26.32	428.55	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_BPSK	25.15	1.57	26.72	469.89	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_QPSK	24.19	1.57	25.76	376.7	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_QPSK	25.22	1.57	26.79	477.53	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_QPSK	24.75	1.57	26.32	428.55	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_QPSK	25.13	1.57	26.7	467.74	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_16QAM	23.16	1.57	24.73	297.17	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_16QAM	24.25	1.57	25.82	381.94	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_16QAM	23.59	1.57	25.16	328.1	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_16QAM	24.08	1.57	25.65	367.28	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_64QAM	22.69	1.57	24.26	266.69	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_64QAM	22.76	1.57	24.33	271.02	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_64QAM	22.28	1.57	23.85	242.66	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_64QAM	22.79	1.57	24.36	272.9	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_256QAM	20.64	1.57	22.21	166.34	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_256QAM	20.69	1.57	22.26	168.27	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_256QAM	20.11	1.57	21.68	147.23	1000	PASS

DC_5A_n78A	30	100	650000	1@271	DFT_256QAM	20.71	1.57	22.28	169.04	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_QPSK	22.22	1.57	23.79	239.33	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_QPSK	23.76	1.57	25.33	341.19	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_QPSK	23.32	1.57	24.89	308.32	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_QPSK	23.86	1.57	25.43	349.14	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_16QAM	22.17	1.57	23.74	236.59	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_16QAM	23.24	1.57	24.81	302.69	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_16QAM	22.78	1.57	24.35	272.27	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_16QAM	23.25	1.57	24.82	303.39	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_64QAM	21.71	1.57	23.28	212.81	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_64QAM	21.73	1.57	23.3	213.8	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_64QAM	21.03	1.57	22.6	181.97	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_64QAM	21.54	1.57	23.11	204.64	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_256QAM	18.65	1.57	20.22	105.2	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_256QAM	18.66	1.57	20.23	105.44	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_256QAM	18.34	1.57	19.91	97.95	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_256QAM	18.9	1.57	20.47	111.43	1000	PASS

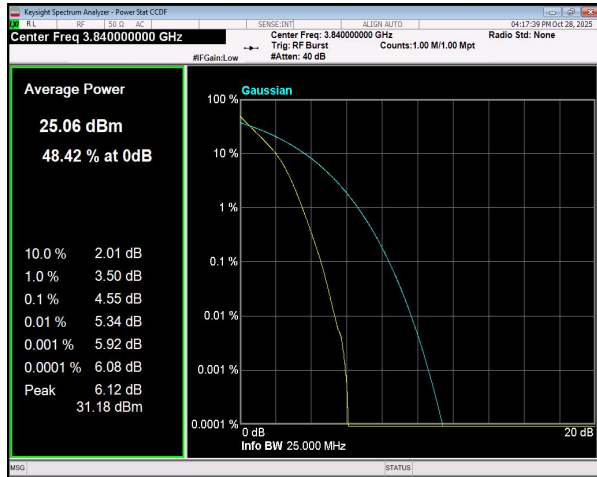
2. Frequency Stability

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	-5.4	-0.00141	PASS
20	6	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-2.6	-0.00068	PASS
20	8.8	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.2	-0.00083	PASS
-30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-5.2	-0.00135	PASS
-20	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.5	-0.00091	PASS
-10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-5.5	-0.00143	PASS
0	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-4	-0.00104	PASS
10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.5	-0.00039	PASS
30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-7.5	-0.00195	PASS
40	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-4.9	-0.00128	PASS
50	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-8.9	-0.00232	PASS

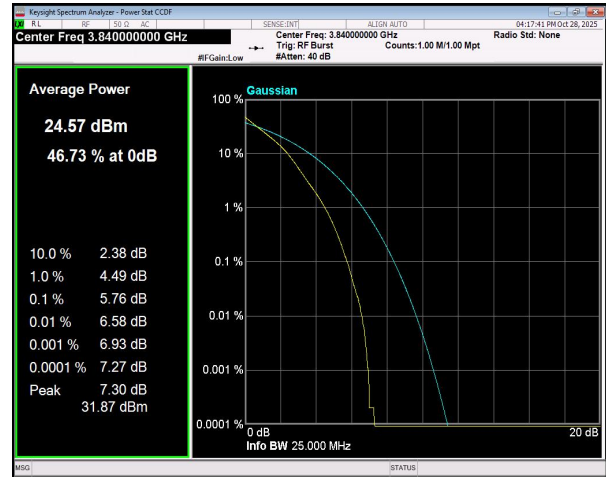
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

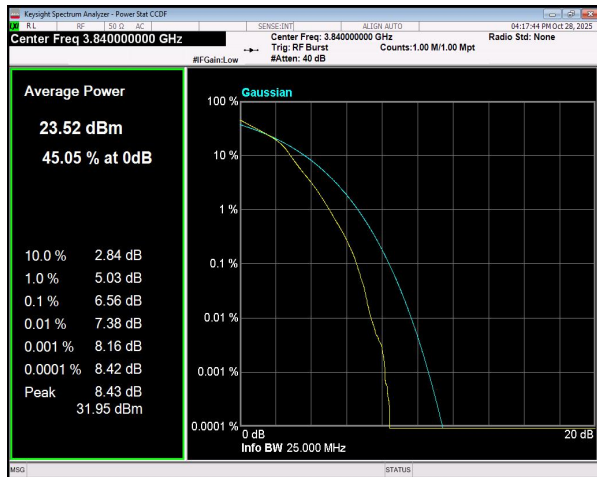
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.55	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.76	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.56	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.58	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.65	13	PASS



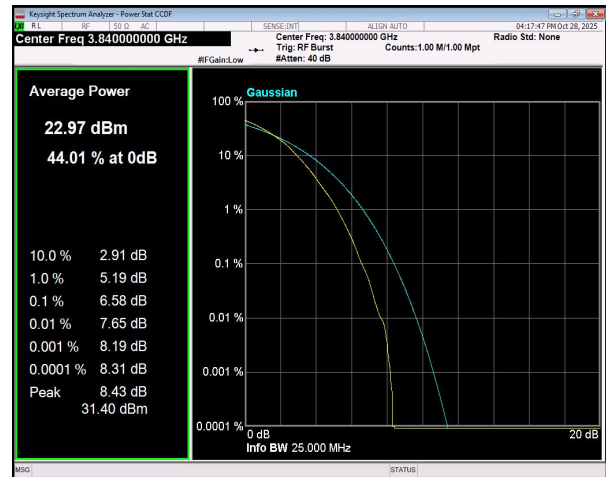
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



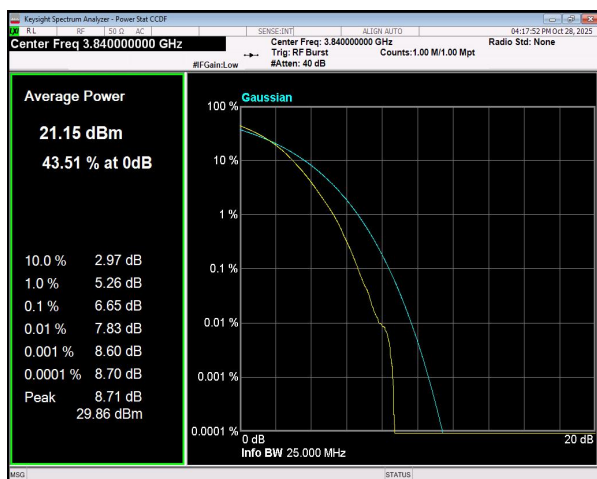
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz
Channel=656000 RB=50@0



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



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

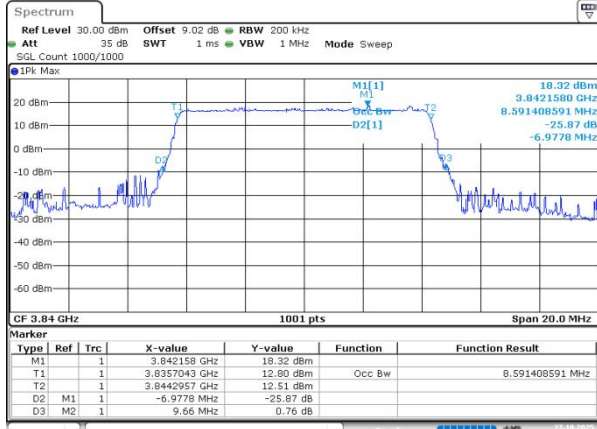


n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
Channel=656000 RB=50@0

4. Occupied Bandwidth

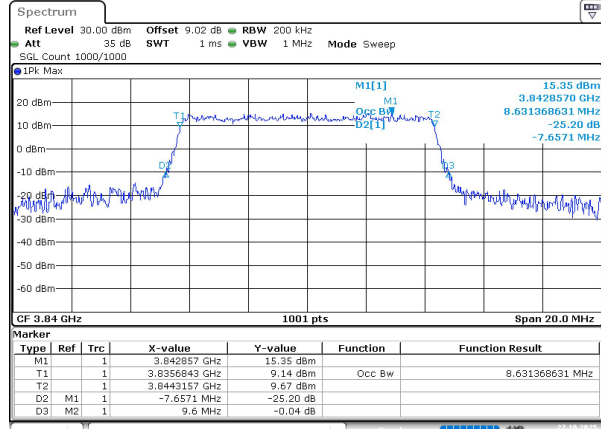
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	656000	3840	24@0	DFT_BPSK	8.591	9.660	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_QPSK	8.631	9.600	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_16QAM	8.611	9.480	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_64QAM	8.631	9.600	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_256QAM	8.651	12.920	PASS
n77(3700-3980)	30	15	656000	3840	36@0	DFT_BPSK	12.947	14.100	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_QPSK	13.636	14.730	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_16QAM	13.606	14.790	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_64QAM	13.696	14.820	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_256QAM	13.696	18.600	PASS
n77(3700-3980)	30	20	656000	3840	50@0	DFT_BPSK	18.022	19.880	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_QPSK	18.302	20.400	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_16QAM	18.342	20.280	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_64QAM	18.302	19.920	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_256QAM	18.382	23.440	PASS
n77(3700-3980)	30	40	656000	3840	100@0	DFT_BPSK	36.044	38.320	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_QPSK	38.122	40.720	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_16QAM	38.042	41.120	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_64QAM	38.042	40.640	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_256QAM	38.042	44.400	PASS
n77(3700-3980)	30	50	656000	3840	128@0	DFT_BPSK	45.954	49.000	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_QPSK	47.652	50.600	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_16QAM	47.752	50.700	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_64QAM	47.552	50.700	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_256QAM	47.652	56.800	PASS
n77(3700-3980)	30	60	656000	3840	162@0	DFT_BPSK	58.501	63.360	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_QPSK	58.382	62.760	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_16QAM	58.621	63.240	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_64QAM	58.382	64.680	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_256QAM	58.501	82.680	PASS
n77(3700-3980)	30	70	656000	3840	180@0	DFT_BPSK	65.175	70.140	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_QPSK	68.112	72.940	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_16QAM	68.252	72.520	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_64QAM	67.972	72.520	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	81.920	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_QPSK	77.842	85.120	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_16QAM	77.682	82.400	PASS

n77(3700-3980)	30	80	656000	3840	217@0	CP_64QAM	77.682	82.880	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_256QAM	77.842	85.120	PASS
n77(3700-3980)	30	90	656000	3840	243@0	DFT_BPSK	87.033	91.800	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_QPSK	87.752	92.700	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_16QAM	87.752	93.240	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_64QAM	87.572	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_256QAM	87.932	92.700	PASS
n77(3700-3980)	30	100	656000	3840	270@0	DFT_BPSK	96.503	102.000	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	97.303	102.400	PASS



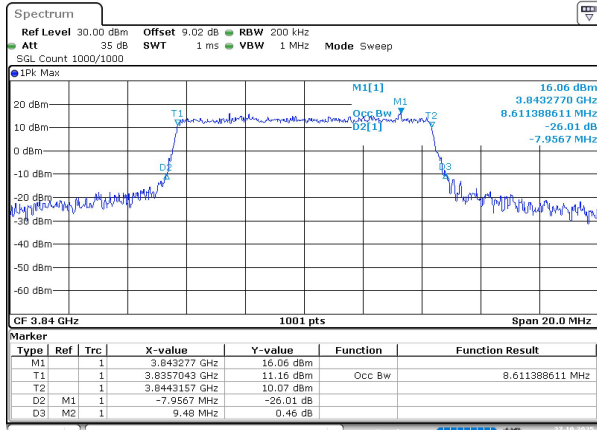
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
Channel=656000 RB=24@0



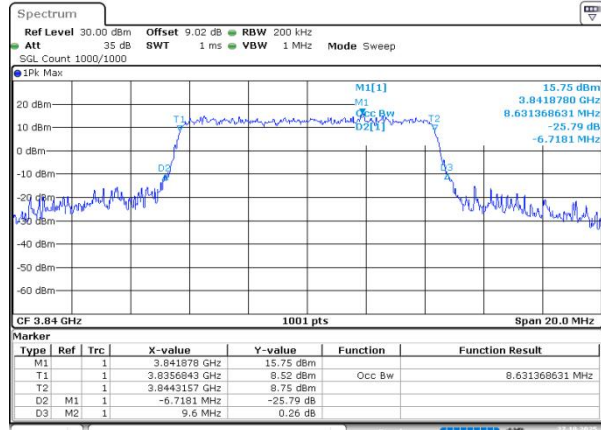
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n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz
Channel=656000 RB=24@0



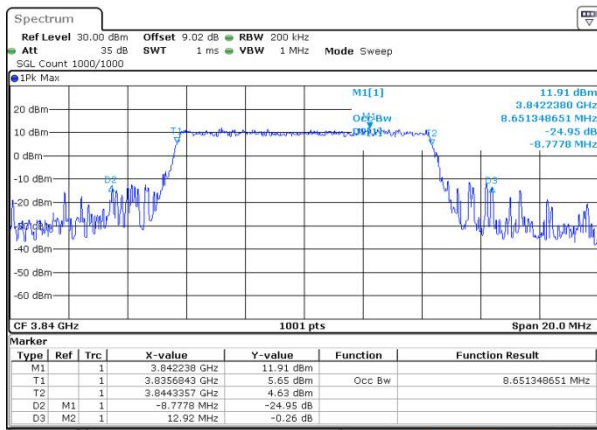
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Channel=656000 RB=24@0



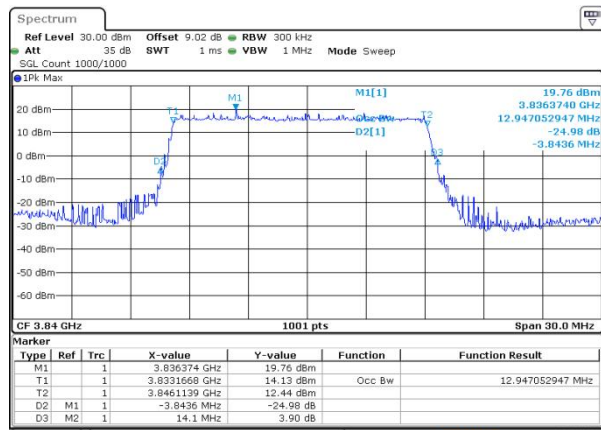
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n77(3700-3980) SCS=30kHz CP_64QAM BW=10MHz
Channel=656000 RB=24@0



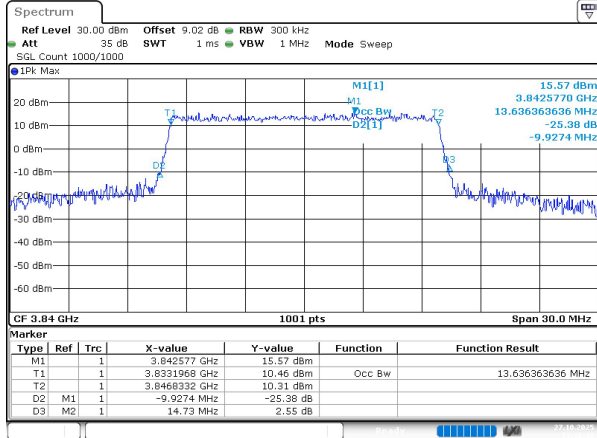
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n77(3700-3980) SCS=30kHz CP_256QAM BW=10MHz
Channel=656000 RB=24@0

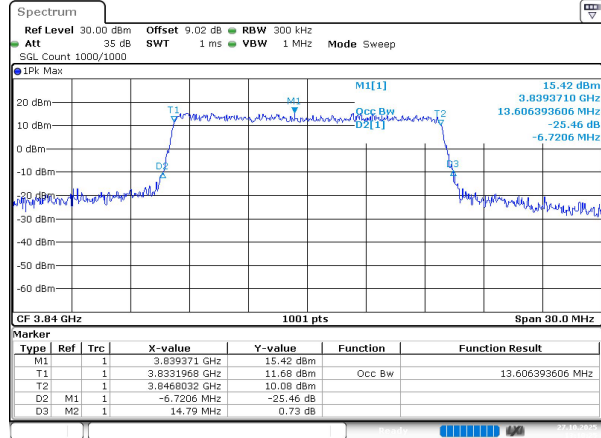


Date: 27.OCT.2025 13:10:08

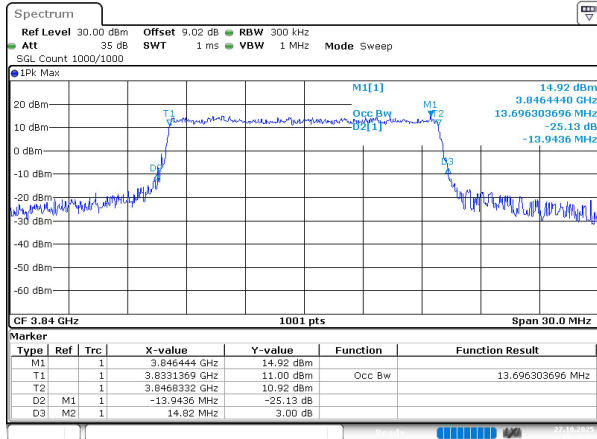
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
Channel=656000 RB=36@0



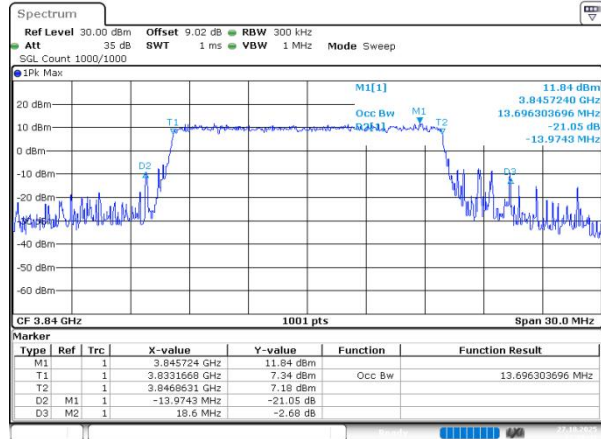
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
Channel=656000 RB=38@0



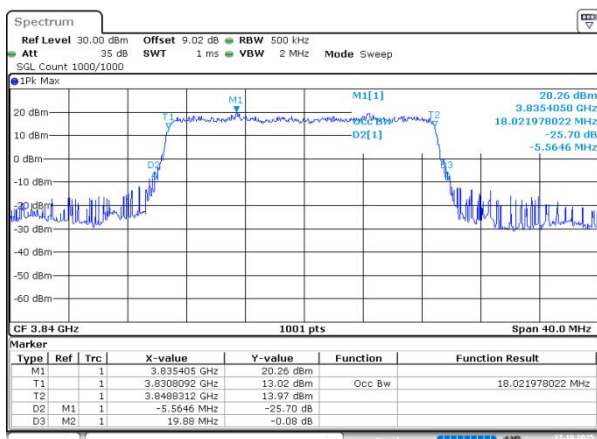
n77(3700-3980) SCS=30kHz CP_16QAM BW=15MHz
Channel=656000 RB=38@0



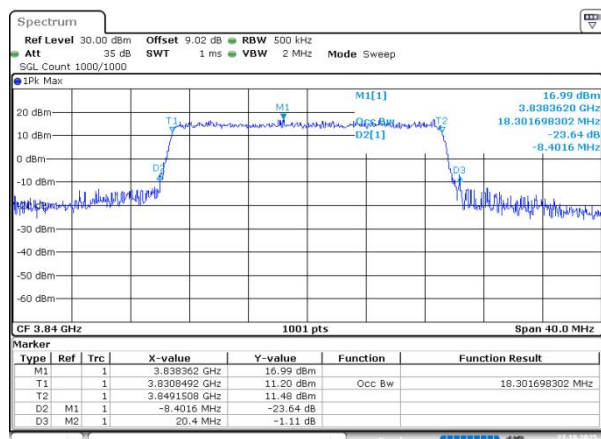
n77(3700-3980) SCS=30kHz CP_64QAM BW=15MHz
Channel=656000 RB=38@0



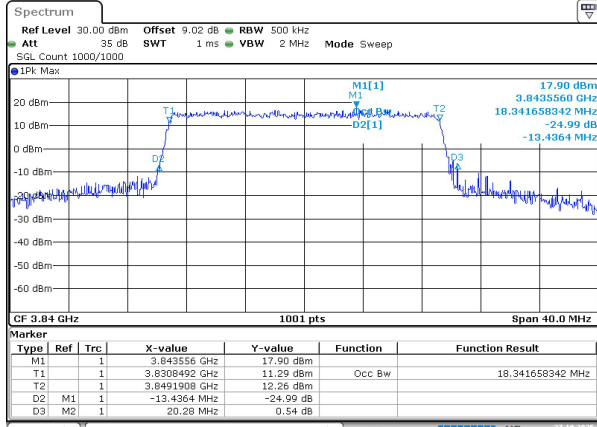
n77(3700-3980) SCS=30kHz CP_256QAM BW=15MHz
Channel=656000 RB=38@0



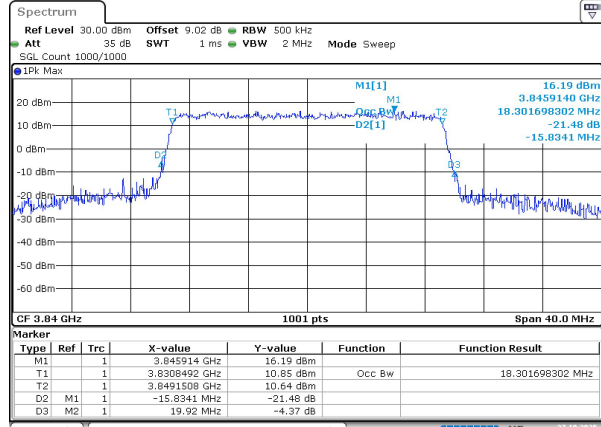
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



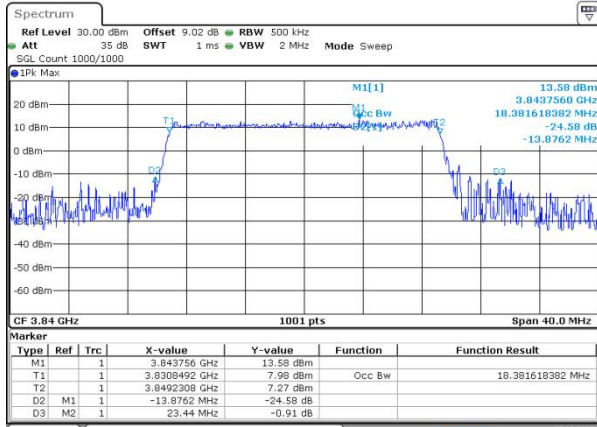
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz
Channel=656000 RB=51@0



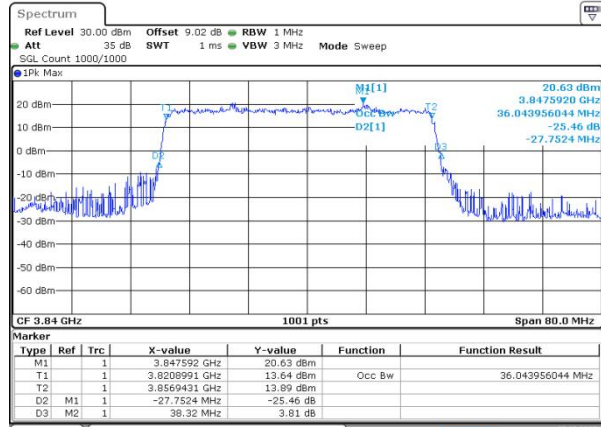
n77(3700-3980) SCS=30kHz CP_16QAM BW=20MHz
Channel=656000 RB=51@0



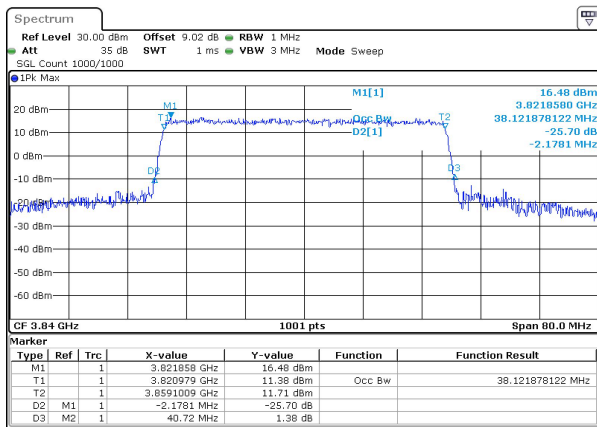
n77(3700-3980) SCS=30kHz CP_64QAM BW=20MHz
Channel=656000 RB=51@0



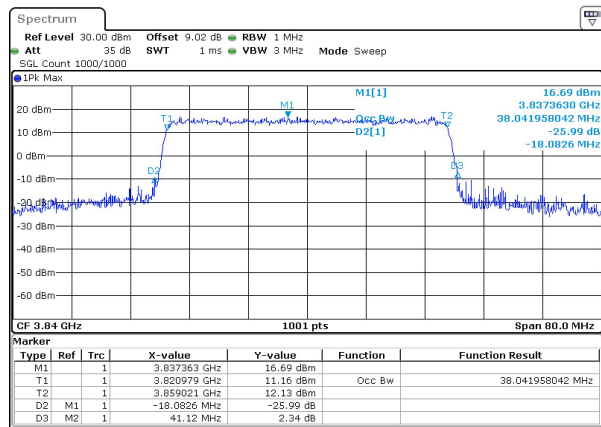
n77(3700-3980) SCS=30kHz CP_256QAM BW=20MHz
Channel=656000 RB=51@0



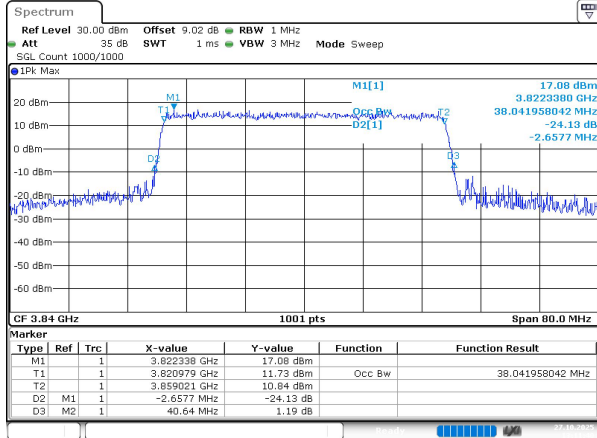
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz
Channel=656000 RB=100@0



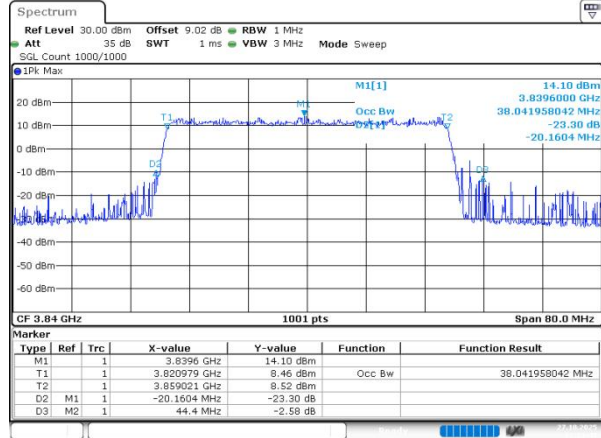
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz
Channel=656000 RB=106@0



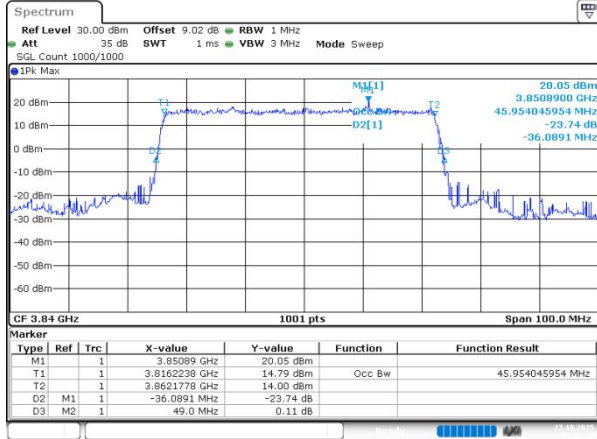
n77(3700-3980) SCS=30kHz CP_16QAM BW=40MHz
Channel=656000 RB=106@0



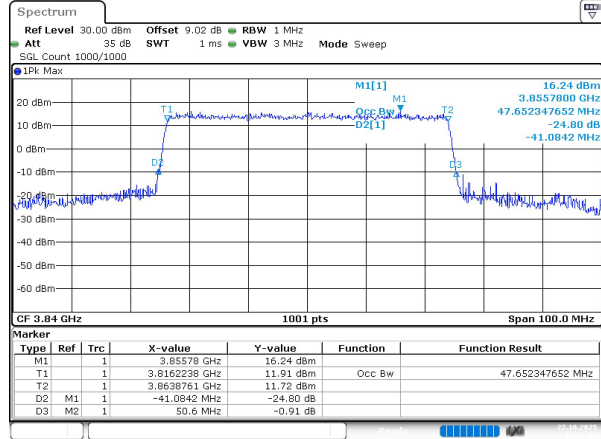
n77(3700-3980) SCS=30kHz CP_64QAM BW=40MHz
Channel=656000 RB=106@0



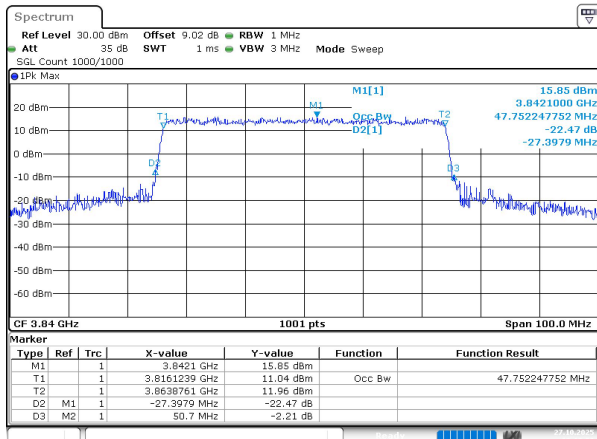
n77(3700-3980) SCS=30kHz CP_256QAM BW=40MHz
Channel=656000 RB=106@0



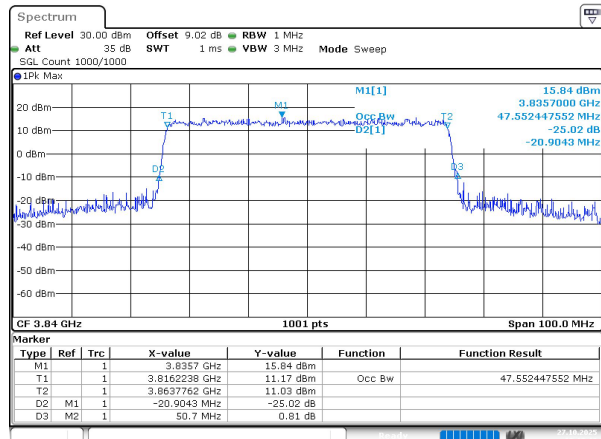
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz
Channel=656000 RB=128@0



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