

Appendix B : Test Result - 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
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	27.27	-2.95	24.32	270.40	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	27.74	-2.95	24.79	301.30	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	27.63	-2.95	24.68	293.76	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	26.82	-2.95	23.87	243.78	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	27.75	-2.95	24.80	302.00	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	27.69	-2.95	24.74	297.85	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	27.64	-2.95	24.69	294.44	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	26.75	-2.95	23.80	239.88	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	26.40	-2.95	23.45	221.31	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	26.35	-2.95	23.40	218.78	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	25.28	-2.95	22.33	171.00	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	25.25	-2.95	22.30	169.82	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	25.04	-2.95	22.09	161.81	1000	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	23.17	-2.95	20.22	105.20	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	24.75	-2.95	21.80	151.36	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	26.28	-2.95	23.33	215.28	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_16QAM	24.78	-2.95	21.83	152.41	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_16QAM	25.71	-2.95	22.76	188.80	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_64QAM	24.34	-2.95	21.39	137.72	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
n78(3700-3800)	30	10	647000	1@1	CP_64QAM	24.38	-2.95	21.43	139.00	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_64QAM	24.34	-2.95	21.39	137.72	1000	PASS
n78(3700-3800)	30	10	647000	24@0	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
n78(3700-3800)	30	10	647000	12@6	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS



n78(3700-3800)	30	10	647000	1@1	CP_256QAM	21.28	-2.95	18.33	68.08	1000	PASS
n78(3700-3800)	30	10	647000	1@22	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	27.38	-2.95	24.43	277.33	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	27.87	-2.95	24.92	310.46	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	27.74	-2.95	24.79	301.30	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	26.85	-2.95	23.90	245.47	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	27.86	-2.95	24.91	309.74	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	27.75	-2.95	24.80	302.00	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	27.83	-2.95	24.88	307.61	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	26.81	-2.95	23.86	243.22	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	26.61	-2.95	23.66	232.27	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	26.65	-2.95	23.70	234.42	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	25.36	-2.95	22.41	174.18	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	25.25	-2.95	22.30	169.82	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	23.37	-2.95	20.42	110.15	1000	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	23.36	-2.95	20.41	109.90	1000	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	24.85	-2.95	21.90	154.88	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	26.41	-2.95	23.46	221.82	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_16QAM	24.86	-2.95	21.91	155.24	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_16QAM	25.85	-2.95	22.90	194.98	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_16QAM	25.87	-2.95	22.92	195.88	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_64QAM	24.36	-2.95	21.41	138.36	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_64QAM	24.30	-2.95	21.35	136.46	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_64QAM	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_64QAM	24.69	-2.95	21.74	149.28	1000	PASS
n78(3700-3800)	30	10	650000	24@0	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
n78(3700-3800)	30	10	650000	12@6	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
n78(3700-3800)	30	10	650000	1@1	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
n78(3700-3800)	30	10	650000	1@22	CP_256QAM	21.35	-2.95	18.40	69.18	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	27.45	-2.95	24.50	281.84	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	27.99	-2.95	25.04	319.15	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	27.89	-2.95	24.94	311.89	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	26.95	-2.95	24.00	251.19	1000	PASS



n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	27.98	-2.95	25.03	318.42	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	27.81	-2.95	24.86	306.20	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	27.85	-2.95	24.90	309.03	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	25.95	-2.95	23.00	199.53	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	26.98	-2.95	24.03	252.93	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	26.53	-2.95	23.58	228.03	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	26.65	-2.95	23.70	234.42	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	25.45	-2.95	22.50	177.83	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	25.49	-2.95	22.54	179.47	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	25.28	-2.95	22.33	171.00	1000	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	23.44	-2.95	20.49	111.94	1000	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	23.47	-2.95	20.52	112.72	1000	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	23.35	-2.95	20.40	109.65	1000	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	23.45	-2.95	20.50	112.20	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	24.95	-2.95	22.00	158.49	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	26.54	-2.95	23.59	228.56	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	26.34	-2.95	23.39	218.27	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	26.44	-2.95	23.49	223.36	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_16QAM	24.94	-2.95	21.99	158.12	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_16QAM	25.96	-2.95	23.01	199.99	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_16QAM	25.85	-2.95	22.90	194.98	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_16QAM	25.91	-2.95	22.96	197.70	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_64QAM	24.40	-2.95	21.45	139.64	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_64QAM	24.48	-2.95	21.53	142.23	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_64QAM	24.53	-2.95	21.58	143.88	1000	PASS
n78(3700-3800)	30	10	653000	24@0	CP_256QAM	21.42	-2.95	18.47	70.31	1000	PASS
n78(3700-3800)	30	10	653000	12@6	CP_256QAM	21.47	-2.95	18.52	71.12	1000	PASS
n78(3700-3800)	30	10	653000	1@1	CP_256QAM	21.41	-2.95	18.46	70.15	1000	PASS
n78(3700-3800)	30	10	653000	1@22	CP_256QAM	21.50	-2.95	18.55	71.61	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	27.27	-2.95	24.32	270.40	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	27.75	-2.95	24.80	302.00	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	27.62	-2.95	24.67	293.09	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	27.58	-2.95	24.63	290.40	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	26.78	-2.95	23.83	241.55	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	27.67	-2.95	24.72	296.48	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	27.58	-2.95	24.63	290.40	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	26.38	-2.95	23.43	220.29	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	26.33	-2.95	23.38	217.77	1000	PASS



n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	25.02	-2.95	22.07	161.06	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	24.95	-2.95	22.00	158.49	1000	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	23.20	-2.95	20.25	105.93	1000	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	24.71	-2.95	21.76	149.97	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	26.24	-2.95	23.29	213.30	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	26.14	-2.95	23.19	208.45	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_16QAM	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_16QAM	25.71	-2.95	22.76	188.80	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_64QAM	24.36	-2.95	21.41	138.36	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
n78(3700-3800)	30	15	647168	38@0	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
n78(3700-3800)	30	15	647168	19@9	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
n78(3700-3800)	30	15	647168	1@1	CP_256QAM	21.28	-2.95	18.33	68.08	1000	PASS
n78(3700-3800)	30	15	647168	1@36	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	27.37	-2.95	24.42	276.69	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	27.85	-2.95	24.90	309.03	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	27.71	-2.95	24.76	299.23	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	27.79	-2.95	24.84	304.79	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	26.86	-2.95	23.91	246.04	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	27.85	-2.95	24.90	309.03	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	27.70	-2.95	24.75	298.54	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	27.80	-2.95	24.85	305.49	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	25.90	-2.95	22.95	197.24	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	26.47	-2.95	23.52	224.91	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	26.52	-2.95	23.57	227.51	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	25.36	-2.95	22.41	174.18	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	25.29	-2.95	22.34	171.40	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	23.35	-2.95	20.40	109.65	1000	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	23.38	-2.95	20.43	110.41	1000	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS



n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	24.87	-2.95	21.92	155.60	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	26.30	-2.95	23.35	216.27	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	26.32	-2.95	23.37	217.27	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	26.42	-2.95	23.47	222.33	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_16QAM	24.80	-2.95	21.85	153.11	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_16QAM	25.80	-2.95	22.85	192.75	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_64QAM	24.33	-2.95	21.38	137.40	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_64QAM	24.44	-2.95	21.49	140.93	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_64QAM	24.48	-2.95	21.53	142.23	1000	PASS
n78(3700-3800)	30	15	650000	38@0	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
n78(3700-3800)	30	15	650000	19@9	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
n78(3700-3800)	30	15	650000	1@1	CP_256QAM	21.34	-2.95	18.39	69.02	1000	PASS
n78(3700-3800)	30	15	650000	1@36	CP_256QAM	21.42	-2.95	18.47	70.31	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	27.40	-2.95	24.45	278.61	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	27.80	-2.95	24.85	305.49	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	27.60	-2.95	24.65	291.74	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	27.82	-2.95	24.87	306.90	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	27.85	-2.95	24.90	309.03	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	25.87	-2.95	22.92	195.88	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	26.88	-2.95	23.93	247.17	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	26.35	-2.95	23.40	218.78	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	24.98	-2.95	22.03	159.59	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	25.20	-2.95	22.25	167.88	1000	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	23.38	-2.95	20.43	110.41	1000	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	23.36	-2.95	20.41	109.90	1000	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	23.39	-2.95	20.44	110.66	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	24.86	-2.95	21.91	155.24	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	26.37	-2.95	23.42	219.79	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	26.18	-2.95	23.23	210.38	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	26.36	-2.95	23.41	219.28	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_16QAM	24.82	-2.95	21.87	153.82	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_16QAM	25.87	-2.95	22.92	195.88	1000	PASS



n78(3700-3800)	30	15	652832	1@1	CP_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_64QAM	24.35	-2.95	21.40	138.04	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_64QAM	24.34	-2.95	21.39	137.72	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_64QAM	24.50	-2.95	21.55	142.89	1000	PASS
n78(3700-3800)	30	15	652832	38@0	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
n78(3700-3800)	30	15	652832	19@9	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
n78(3700-3800)	30	15	652832	1@1	CP_256QAM	21.30	-2.95	18.35	68.39	1000	PASS
n78(3700-3800)	30	15	652832	1@36	CP_256QAM	21.43	-2.95	18.48	70.47	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	27.60	-2.95	24.65	291.74	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	27.48	-2.95	24.53	283.79	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	26.70	-2.95	23.75	237.14	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	27.56	-2.95	24.61	289.07	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	27.49	-2.95	24.54	284.45	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	25.71	-2.95	22.76	188.80	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	26.70	-2.95	23.75	237.14	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	26.34	-2.95	23.39	218.27	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	26.25	-2.95	23.30	213.80	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	24.98	-2.95	22.03	159.59	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	24.91	-2.95	21.96	157.04	1000	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	23.17	-2.95	20.22	105.20	1000	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	23.07	-2.95	20.12	102.80	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	26.20	-2.95	23.25	211.35	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_16QAM	24.66	-2.95	21.71	148.25	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_16QAM	25.53	-2.95	22.58	181.13	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
n78(3700-3800)	30	20	647334	25@12	CP_64QAM	24.15	-2.95	21.20	131.83	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_64QAM	24.30	-2.95	21.35	136.46	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
n78(3700-3800)	30	20	647334	51@0	CP_256QAM	21.12	-2.95	18.17	65.61	1000	PASS



n78(3700-3800)	30	20	647334	25@12	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
n78(3700-3800)	30	20	647334	1@1	CP_256QAM	21.23	-2.95	18.28	67.30	1000	PASS
n78(3700-3800)	30	20	647334	1@49	CP_256QAM	21.10	-2.95	18.15	65.31	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	27.40	-2.95	24.45	278.61	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	27.68	-2.95	24.73	297.17	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	27.71	-2.95	24.76	299.23	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	26.89	-2.95	23.94	247.74	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	27.66	-2.95	24.71	295.80	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	26.86	-2.95	23.91	246.04	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	26.59	-2.95	23.64	231.21	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	26.65	-2.95	23.70	234.42	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	25.35	-2.95	22.40	173.78	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	25.39	-2.95	22.44	175.39	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	25.30	-2.95	22.35	171.79	1000	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	23.39	-2.95	20.44	110.66	1000	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	24.83	-2.95	21.88	154.17	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	26.34	-2.95	23.39	218.27	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	26.30	-2.95	23.35	216.27	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_16QAM	24.86	-2.95	21.91	155.24	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_16QAM	25.80	-2.95	22.85	192.75	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_16QAM	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_16QAM	25.84	-2.95	22.89	194.54	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_64QAM	24.33	-2.95	21.38	137.40	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_64QAM	24.57	-2.95	21.62	145.21	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_64QAM	24.63	-2.95	21.68	147.23	1000	PASS
n78(3700-3800)	30	20	650000	51@0	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
n78(3700-3800)	30	20	650000	25@12	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
n78(3700-3800)	30	20	650000	1@1	CP_256QAM	21.23	-2.95	18.28	67.30	1000	PASS
n78(3700-3800)	30	20	650000	1@49	CP_256QAM	21.30	-2.95	18.35	68.39	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	27.80	-2.95	24.85	305.49	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	27.49	-2.95	24.54	284.45	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS



n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	26.83	-2.95	23.88	244.34	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	27.49	-2.95	24.54	284.45	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	25.80	-2.95	22.85	192.75	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	26.84	-2.95	23.89	244.91	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	26.29	-2.95	23.34	215.77	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	26.50	-2.95	23.55	226.46	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	25.30	-2.95	22.35	171.79	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	25.31	-2.95	22.36	172.19	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	24.93	-2.95	21.98	157.76	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	23.35	-2.95	20.40	109.65	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	24.82	-2.95	21.87	153.82	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	26.30	-2.95	23.35	216.27	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	26.11	-2.95	23.16	207.01	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	26.34	-2.95	23.39	218.27	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_16QAM	24.80	-2.95	21.85	153.11	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_16QAM	25.75	-2.95	22.80	190.55	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_16QAM	25.57	-2.95	22.62	182.81	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_64QAM	24.25	-2.95	21.30	134.90	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_64QAM	24.35	-2.95	21.40	138.04	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
n78(3700-3800)	30	20	652666	51@0	CP_256QAM	21.23	-2.95	18.28	67.30	1000	PASS
n78(3700-3800)	30	20	652666	25@12	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
n78(3700-3800)	30	20	652666	1@1	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
n78(3700-3800)	30	20	652666	1@49	CP_256QAM	21.39	-2.95	18.44	69.82	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	27.78	-2.95	24.83	304.09	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	27.22	-2.95	24.27	267.30	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	26.65	-2.95	23.70	234.42	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	27.23	-2.95	24.28	267.92	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	27.24	-2.95	24.29	268.53	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	26.77	-2.95	23.82	240.99	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	26.01	-2.95	23.06	202.30	1000	PASS



n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	25.96	-2.95	23.01	199.99	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	24.71	-2.95	21.76	149.97	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	24.71	-2.95	21.76	149.97	1000	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	22.82	-2.95	19.87	97.05	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	24.66	-2.95	21.71	148.25	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	25.77	-2.95	22.82	191.43	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_16QAM	24.65	-2.95	21.70	147.91	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_16QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_16QAM	25.28	-2.95	22.33	171.00	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_64QAM	23.98	-2.95	21.03	126.77	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_64QAM	23.99	-2.95	21.04	127.06	1000	PASS
n78(3700-3800)	30	40	648000	106@0	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
n78(3700-3800)	30	40	648000	53@26	CP_256QAM	21.23	-2.95	18.28	67.30	1000	PASS
n78(3700-3800)	30	40	648000	1@1	CP_256QAM	20.97	-2.95	18.02	63.39	1000	PASS
n78(3700-3800)	30	40	648000	1@104	CP_256QAM	20.93	-2.95	17.98	62.81	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	27.28	-2.95	24.33	271.02	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	27.92	-2.95	24.97	314.05	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	27.26	-2.95	24.31	269.77	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	27.46	-2.95	24.51	282.49	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	26.80	-2.95	23.85	242.66	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	27.86	-2.95	24.91	309.74	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	27.24	-2.95	24.29	268.53	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	27.43	-2.95	24.48	280.54	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	26.02	-2.95	23.07	202.77	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	26.17	-2.95	23.22	209.89	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	25.28	-2.95	22.33	171.00	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	25.35	-2.95	22.40	173.78	1000	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	24.69	-2.95	21.74	149.28	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	24.89	-2.95	21.94	156.31	1000	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	23.25	-2.95	20.30	107.15	1000	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	23.36	-2.95	20.41	109.90	1000	PASS



n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	23.05	-2.95	20.10	102.33	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	24.75	-2.95	21.80	151.36	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	26.35	-2.95	23.40	218.78	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	26.00	-2.95	23.05	201.84	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_16QAM	24.74	-2.95	21.79	151.01	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_16QAM	25.35	-2.95	22.40	173.78	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_16QAM	25.47	-2.95	22.52	178.65	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_64QAM	24.30	-2.95	21.35	136.46	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_64QAM	24.02	-2.95	21.07	127.94	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
n78(3700-3800)	30	40	650000	106@0	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
n78(3700-3800)	30	40	650000	53@26	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
n78(3700-3800)	30	40	650000	1@1	CP_256QAM	20.95	-2.95	18.00	63.10	1000	PASS
n78(3700-3800)	30	40	650000	1@104	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	27.27	-2.95	24.32	270.40	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	27.82	-2.95	24.87	306.90	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	27.51	-2.95	24.56	285.76	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	26.77	-2.95	23.82	240.99	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	27.89	-2.95	24.94	311.89	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	27.13	-2.95	24.18	261.82	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	27.56	-2.95	24.61	289.07	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	26.86	-2.95	23.91	246.04	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	25.93	-2.95	22.98	198.61	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	26.33	-2.95	23.38	217.77	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	25.30	-2.95	22.35	171.79	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	25.35	-2.95	22.40	173.78	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	24.60	-2.95	21.65	146.22	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	25.00	-2.95	22.05	160.32	1000	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	22.81	-2.95	19.86	96.83	1000	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	23.20	-2.95	20.25	105.93	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	24.80	-2.95	21.85	153.11	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	25.77	-2.95	22.82	191.43	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	26.12	-2.95	23.17	207.49	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_16QAM	24.76	-2.95	21.81	151.71	1000	PASS



n78(3700-3800)	30	40	652000	53@26	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_16QAM	25.19	-2.95	22.24	167.49	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_64QAM	24.32	-2.95	21.37	137.09	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_64QAM	23.90	-2.95	20.95	124.45	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_64QAM	24.38	-2.95	21.43	139.00	1000	PASS
n78(3700-3800)	30	40	652000	106@0	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
n78(3700-3800)	30	40	652000	53@26	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
n78(3700-3800)	30	40	652000	1@1	CP_256QAM	20.87	-2.95	17.92	61.94	1000	PASS
n78(3700-3800)	30	40	652000	1@104	CP_256QAM	21.25	-2.95	18.30	67.61	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	27.49	-2.95	24.54	284.45	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	27.50	-2.95	24.55	285.10	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	26.72	-2.95	23.77	238.23	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	27.48	-2.95	24.53	283.79	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	27.48	-2.95	24.53	283.79	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	26.75	-2.95	23.80	239.88	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	26.23	-2.95	23.28	212.81	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	26.21	-2.95	23.26	211.84	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	24.93	-2.95	21.98	157.76	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	24.91	-2.95	21.96	157.04	1000	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	23.07	-2.95	20.12	102.80	1000	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	23.06	-2.95	20.11	102.57	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	24.72	-2.95	21.77	150.31	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	26.25	-2.95	23.30	213.80	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	26.07	-2.95	23.12	205.12	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_QPSK	26.05	-2.95	23.10	204.17	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_16QAM	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_16QAM	25.53	-2.95	22.58	181.13	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_16QAM	25.50	-2.95	22.55	179.89	1000	PASS
n78(3700-3800)	30	50	648334	133@0	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS



n78(3700-3800)	30	50	648334	133@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
n78(3700-3800)	30	50	648334	67@33	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
n78(3700-3800)	30	50	648334	1@1	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
n78(3700-3800)	30	50	648334	1@131	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	27.89	-2.95	24.94	311.89	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	27.48	-2.95	24.53	283.79	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	27.70	-2.95	24.75	298.54	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	27.90	-2.95	24.95	312.61	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	27.49	-2.95	24.54	284.45	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	26.93	-2.95	23.98	250.03	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	26.37	-2.95	23.42	219.79	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	26.58	-2.95	23.63	230.67	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	25.42	-2.95	22.47	176.60	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	25.04	-2.95	22.09	161.81	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	25.28	-2.95	22.33	171.00	1000	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	23.37	-2.95	20.42	110.15	1000	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	22.93	-2.95	19.98	99.54	1000	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	23.15	-2.95	20.20	104.71	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	24.81	-2.95	21.86	153.46	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	26.41	-2.95	23.46	221.82	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	26.03	-2.95	23.08	203.24	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_16QAM	24.77	-2.95	21.82	152.05	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_16QAM	25.90	-2.95	22.95	197.24	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_16QAM	25.70	-2.95	22.75	188.36	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_64QAM	24.32	-2.95	21.37	137.09	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_64QAM	24.38	-2.95	21.43	139.00	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_64QAM	24.47	-2.95	21.52	141.91	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_64QAM	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	50	650000	133@0	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
n78(3700-3800)	30	50	650000	67@33	CP_256QAM	21.35	-2.95	18.40	69.18	1000	PASS
n78(3700-3800)	30	50	650000	1@1	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
n78(3700-3800)	30	50	650000	1@131	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	27.30	-2.95	24.35	272.27	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	27.79	-2.95	24.84	304.79	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	27.32	-2.95	24.37	273.53	1000	PASS



n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	26.83	-2.95	23.88	244.34	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	27.82	-2.95	24.87	306.90	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	27.33	-2.95	24.38	274.16	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	26.85	-2.95	23.90	245.47	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	26.10	-2.95	23.15	206.54	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	26.47	-2.95	23.52	224.91	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	25.33	-2.95	22.38	172.98	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	24.77	-2.95	21.82	152.05	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	23.35	-2.95	20.40	109.65	1000	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	23.36	-2.95	20.41	109.90	1000	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	22.96	-2.95	20.01	100.23	1000	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	23.37	-2.95	20.42	110.15	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	24.84	-2.95	21.89	154.53	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	26.34	-2.95	23.39	218.27	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	25.89	-2.95	22.94	196.79	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	26.40	-2.95	23.45	221.31	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_16QAM	24.80	-2.95	21.85	153.11	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_16QAM	25.41	-2.95	22.46	176.20	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_16QAM	25.87	-2.95	22.92	195.88	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_64QAM	24.35	-2.95	21.40	138.04	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_64QAM	24.11	-2.95	21.16	130.62	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_64QAM	24.58	-2.95	21.63	145.55	1000	PASS
n78(3700-3800)	30	50	651666	133@0	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
n78(3700-3800)	30	50	651666	67@33	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
n78(3700-3800)	30	50	651666	1@1	CP_256QAM	21.01	-2.95	18.06	63.97	1000	PASS
n78(3700-3800)	30	50	651666	1@131	CP_256QAM	21.44	-2.95	18.49	70.63	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	27.74	-2.95	24.79	301.30	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	27.41	-2.95	24.46	279.25	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	26.65	-2.95	23.70	234.42	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	27.31	-2.95	24.36	272.90	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	27.35	-2.95	24.40	275.42	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	25.68	-2.95	22.73	187.50	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	26.70	-2.95	23.75	237.14	1000	PASS



n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	26.12	-2.95	23.17	207.49	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	26.20	-2.95	23.25	211.35	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	22.93	-2.95	19.98	99.54	1000	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	22.98	-2.95	20.03	100.69	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	25.90	-2.95	22.95	197.24	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	25.96	-2.95	23.01	199.99	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_16QAM	24.63	-2.95	21.68	147.23	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_16QAM	25.71	-2.95	22.76	188.80	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_16QAM	25.41	-2.95	22.46	176.20	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_16QAM	25.43	-2.95	22.48	177.01	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_64QAM	24.06	-2.95	21.11	129.12	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
n78(3700-3800)	30	60	648668	162@0	CP_256QAM	21.12	-2.95	18.17	65.61	1000	PASS
n78(3700-3800)	30	60	648668	81@40	CP_256QAM	21.15	-2.95	18.20	66.07	1000	PASS
n78(3700-3800)	30	60	648668	1@1	CP_256QAM	20.99	-2.95	18.04	63.68	1000	PASS
n78(3700-3800)	30	60	648668	1@160	CP_256QAM	21.03	-2.95	18.08	64.27	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	27.35	-2.95	24.40	275.42	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	27.85	-2.95	24.90	309.03	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	27.37	-2.95	24.42	276.69	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	27.67	-2.95	24.72	296.48	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	26.85	-2.95	23.90	245.47	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	27.86	-2.95	24.91	309.74	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	27.36	-2.95	24.41	276.06	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	27.62	-2.95	24.67	293.09	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	26.85	-2.95	23.90	245.47	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	26.11	-2.95	23.16	207.01	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	26.42	-2.95	23.47	222.33	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	25.33	-2.95	22.38	172.98	1000	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	25.39	-2.95	22.44	175.39	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	24.78	-2.95	21.83	152.41	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	25.10	-2.95	22.15	164.06	1000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS



n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	22.99	-2.95	20.04	100.93	1000	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	23.25	-2.95	20.30	107.15	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	24.81	-2.95	21.86	153.46	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	26.38	-2.95	23.43	220.29	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	25.98	-2.95	23.03	200.91	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_16QAM	24.82	-2.95	21.87	153.82	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_16QAM	25.48	-2.95	22.53	179.06	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_64QAM	24.30	-2.95	21.35	136.46	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_64QAM	24.36	-2.95	21.41	138.36	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_64QAM	24.10	-2.95	21.15	130.32	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
n78(3700-3800)	30	60	650000	162@0	CP_256QAM	21.28	-2.95	18.33	68.08	1000	PASS
n78(3700-3800)	30	60	650000	81@40	CP_256QAM	21.30	-2.95	18.35	68.39	1000	PASS
n78(3700-3800)	30	60	650000	1@1	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
n78(3700-3800)	30	60	650000	1@160	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	27.31	-2.95	24.36	272.90	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	27.25	-2.95	24.30	269.15	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	26.82	-2.95	23.87	243.78	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	27.88	-2.95	24.93	311.17	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	27.26	-2.95	24.31	269.77	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	26.82	-2.95	23.87	243.78	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	26.06	-2.95	23.11	204.64	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	26.52	-2.95	23.57	227.51	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	24.58	-2.95	21.63	145.55	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	25.05	-2.95	22.10	162.18	1000	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	22.87	-2.95	19.92	98.17	1000	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	23.40	-2.95	20.45	110.92	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	24.79	-2.95	21.84	152.76	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	25.82	-2.95	22.87	193.64	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	26.25	-2.95	23.30	213.80	1000	PASS



n78(3700-3800)	30	60	651332	162@0	CP_16QAM	24.78	-2.95	21.83	152.41	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_16QAM	25.28	-2.95	22.33	171.00	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_64QAM	24.33	-2.95	21.38	137.40	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_64QAM	23.98	-2.95	21.03	126.77	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_64QAM	24.42	-2.95	21.47	140.28	1000	PASS
n78(3700-3800)	30	60	651332	162@0	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
n78(3700-3800)	30	60	651332	81@40	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
n78(3700-3800)	30	60	651332	1@1	CP_256QAM	20.87	-2.95	17.92	61.94	1000	PASS
n78(3700-3800)	30	60	651332	1@160	CP_256QAM	21.35	-2.95	18.40	69.18	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	27.28	-2.95	24.33	271.02	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	27.80	-2.95	24.85	305.49	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	27.43	-2.95	24.48	280.54	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	26.77	-2.95	23.82	240.99	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	27.88	-2.95	24.93	311.17	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	27.31	-2.95	24.36	272.90	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	27.42	-2.95	24.47	279.90	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	26.84	-2.95	23.89	244.91	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	26.09	-2.95	23.14	206.06	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	26.18	-2.95	23.23	210.38	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	25.29	-2.95	22.34	171.40	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	25.29	-2.95	22.34	171.40	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	24.82	-2.95	21.87	153.82	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	24.95	-2.95	22.00	158.49	1000	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	22.87	-2.95	19.92	98.17	1000	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	22.99	-2.95	20.04	100.93	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	25.93	-2.95	22.98	198.61	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	26.01	-2.95	23.06	202.30	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_16QAM	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_16QAM	25.84	-2.95	22.89	194.54	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_16QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_16QAM	25.43	-2.95	22.48	177.01	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_64QAM	24.02	-2.95	21.07	127.94	1000	PASS



n78(3700-3800)	30	70	649000	1@187	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
n78(3700-3800)	30	70	649000	189@0	CP_256QAM	21.15	-2.95	18.20	66.07	1000	PASS
n78(3700-3800)	30	70	649000	95@47	CP_256QAM	21.25	-2.95	18.30	67.61	1000	PASS
n78(3700-3800)	30	70	649000	1@1	CP_256QAM	20.95	-2.95	18.00	63.10	1000	PASS
n78(3700-3800)	30	70	649000	1@187	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	27.32	-2.95	24.37	273.53	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	27.26	-2.95	24.31	269.77	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	27.52	-2.95	24.57	286.42	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	26.79	-2.95	23.84	242.10	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	27.27	-2.95	24.32	270.40	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	27.55	-2.95	24.60	288.40	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	26.89	-2.95	23.94	247.74	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	26.19	-2.95	23.24	210.86	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	26.50	-2.95	23.55	226.46	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	25.30	-2.95	22.35	171.79	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	24.88	-2.95	21.93	155.96	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	23.30	-2.95	20.35	108.39	1000	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	22.65	-2.95	19.70	93.33	1000	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	22.97	-2.95	20.02	100.46	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	24.75	-2.95	21.80	151.36	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	26.35	-2.95	23.40	218.78	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	25.84	-2.95	22.89	194.54	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	26.13	-2.95	23.18	207.97	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_16QAM	24.71	-2.95	21.76	149.97	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_16QAM	25.36	-2.95	22.41	174.18	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_16QAM	25.61	-2.95	22.66	184.50	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_64QAM	24.44	-2.95	21.49	140.93	1000	PASS
n78(3700-3800)	30	70	650000	189@0	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
n78(3700-3800)	30	70	650000	95@47	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
n78(3700-3800)	30	70	650000	1@1	CP_256QAM	20.83	-2.95	17.88	61.38	1000	PASS
n78(3700-3800)	30	70	650000	1@187	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	27.86	-2.95	24.91	309.74	1000	PASS



n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	27.14	-2.95	24.19	262.42	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	26.81	-2.95	23.86	243.22	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	27.87	-2.95	24.92	310.46	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	27.11	-2.95	24.16	260.62	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	27.65	-2.95	24.70	295.12	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	26.90	-2.95	23.95	248.31	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	25.93	-2.95	22.98	198.61	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	26.47	-2.95	23.52	224.91	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	25.31	-2.95	22.36	172.19	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	25.37	-2.95	22.42	174.58	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	24.63	-2.95	21.68	147.23	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	23.34	-2.95	20.39	109.40	1000	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	22.66	-2.95	19.71	93.54	1000	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	24.75	-2.95	21.80	151.36	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	26.39	-2.95	23.44	220.80	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	25.71	-2.95	22.76	188.80	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	26.25	-2.95	23.30	213.80	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_16QAM	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_16QAM	25.90	-2.95	22.95	197.24	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_16QAM	25.10	-2.95	22.15	164.06	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_16QAM	25.68	-2.95	22.73	187.50	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_64QAM	24.35	-2.95	21.40	138.04	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_64QAM	23.83	-2.95	20.88	122.46	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_64QAM	24.38	-2.95	21.43	139.00	1000	PASS
n78(3700-3800)	30	70	651000	189@0	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
n78(3700-3800)	30	70	651000	95@47	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
n78(3700-3800)	30	70	651000	1@1	CP_256QAM	20.72	-2.95	17.77	59.84	1000	PASS
n78(3700-3800)	30	70	651000	1@187	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	27.22	-2.95	24.27	267.30	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	27.15	-2.95	24.20	263.03	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	27.30	-2.95	24.35	272.27	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	26.68	-2.95	23.73	236.05	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	27.15	-2.95	24.20	263.03	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	27.36	-2.95	24.41	276.06	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	25.70	-2.95	22.75	188.36	1000	PASS



n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	26.86	-2.95	23.91	246.04	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	25.93	-2.95	22.98	198.61	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	26.07	-2.95	23.12	205.12	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	24.64	-2.95	21.69	147.57	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	24.76	-2.95	21.81	151.71	1000	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	23.30	-2.95	20.35	108.39	1000	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	22.68	-2.95	19.73	93.97	1000	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	22.85	-2.95	19.90	97.72	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	24.70	-2.95	21.75	149.62	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	26.28	-2.95	23.33	215.28	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	25.70	-2.95	22.75	188.36	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	25.89	-2.95	22.94	196.79	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_16QAM	24.68	-2.95	21.73	148.94	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_16QAM	25.85	-2.95	22.90	194.98	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_16QAM	25.23	-2.95	22.28	169.04	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_16QAM	25.40	-2.95	22.45	175.79	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_64QAM	23.91	-2.95	20.96	124.74	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_64QAM	24.05	-2.95	21.10	128.82	1000	PASS
n78(3700-3800)	30	80	649334	217@0	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
n78(3700-3800)	30	80	649334	109@54	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
n78(3700-3800)	30	80	649334	1@1	CP_256QAM	20.75	-2.95	17.80	60.26	1000	PASS
n78(3700-3800)	30	80	649334	1@215	CP_256QAM	20.94	-2.95	17.99	62.95	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	27.31	-2.95	24.36	272.90	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	27.88	-2.95	24.93	311.17	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	27.50	-2.95	24.55	285.10	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	26.79	-2.95	23.84	242.10	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	27.86	-2.95	24.91	309.74	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	27.17	-2.95	24.22	264.24	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	27.48	-2.95	24.53	283.79	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	25.90	-2.95	22.95	197.24	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	26.24	-2.95	23.29	213.30	1000	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	25.34	-2.95	22.39	173.38	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	24.53	-2.95	21.58	143.88	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	24.85	-2.95	21.90	154.88	1000	PASS



n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	23.20	-2.95	20.25	105.93	1000	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	22.72	-2.95	19.77	94.84	1000	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	23.05	-2.95	20.10	102.33	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	24.75	-2.95	21.80	151.36	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	26.30	-2.95	23.35	216.27	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	25.70	-2.95	22.75	188.36	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	25.98	-2.95	23.03	200.91	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_16QAM	24.73	-2.95	21.78	150.66	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_16QAM	25.81	-2.95	22.86	193.20	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_16QAM	25.12	-2.95	22.17	164.82	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_16QAM	25.45	-2.95	22.50	177.83	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_64QAM	23.81	-2.95	20.86	121.90	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_64QAM	24.10	-2.95	21.15	130.32	1000	PASS
n78(3700-3800)	30	80	650000	217@0	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
n78(3700-3800)	30	80	650000	109@54	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
n78(3700-3800)	30	80	650000	1@1	CP_256QAM	20.74	-2.95	17.79	60.12	1000	PASS
n78(3700-3800)	30	80	650000	1@215	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	27.29	-2.95	24.34	271.64	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	27.88	-2.95	24.93	311.17	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	27.01	-2.95	24.06	254.68	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	27.52	-2.95	24.57	286.42	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	26.73	-2.95	23.78	238.78	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	27.02	-2.95	24.07	255.27	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	27.54	-2.95	24.59	287.74	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	25.75	-2.95	22.80	190.55	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	26.84	-2.95	23.89	244.91	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	26.26	-2.95	23.31	214.29	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	25.25	-2.95	22.30	169.82	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	25.31	-2.95	22.36	172.19	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	24.45	-2.95	21.50	141.25	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	24.93	-2.95	21.98	157.76	1000	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	22.58	-2.95	19.63	91.83	1000	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	23.06	-2.95	20.11	102.57	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	24.71	-2.95	21.76	149.97	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	26.30	-2.95	23.35	216.27	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	25.48	-2.95	22.53	179.06	1000	PASS



n78(3700-3800)	30	80	650666	1@215	CP_QPSK	26.00	-2.95	23.05	201.84	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_16QAM	24.72	-2.95	21.77	150.31	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_16QAM	24.97	-2.95	22.02	159.22	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_16QAM	25.51	-2.95	22.56	180.30	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_64QAM	24.20	-2.95	21.25	133.35	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_64QAM	23.59	-2.95	20.64	115.88	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
n78(3700-3800)	30	80	650666	217@0	CP_256QAM	21.20	-2.95	18.25	66.83	1000	PASS
n78(3700-3800)	30	80	650666	109@54	CP_256QAM	21.23	-2.95	18.28	67.30	1000	PASS
n78(3700-3800)	30	80	650666	1@1	CP_256QAM	20.59	-2.95	17.64	58.08	1000	PASS
n78(3700-3800)	30	80	650666	1@215	CP_256QAM	21.15	-2.95	18.20	66.07	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	27.83	-2.95	24.88	307.61	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	27.03	-2.95	24.08	255.86	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	27.38	-2.95	24.43	277.33	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	26.77	-2.95	23.82	240.99	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	27.84	-2.95	24.89	308.32	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	27.03	-2.95	24.08	255.86	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	27.35	-2.95	24.40	275.42	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	26.86	-2.95	23.91	246.04	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	26.07	-2.95	23.12	205.12	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	25.25	-2.95	22.30	169.82	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	24.48	-2.95	21.53	142.23	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	24.77	-2.95	21.82	152.05	1000	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	22.58	-2.95	19.63	91.83	1000	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	24.73	-2.95	21.78	150.66	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	25.54	-2.95	22.59	181.55	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	25.88	-2.95	22.93	196.34	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_16QAM	24.72	-2.95	21.77	150.31	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_16QAM	25.80	-2.95	22.85	192.75	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_16QAM	25.16	-2.95	22.21	166.34	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_16QAM	25.48	-2.95	22.53	179.06	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS



n78(3700-3800)	30	90	649668	1@1	CP_64QAM	23.94	-2.95	20.99	125.60	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
n78(3700-3800)	30	90	649668	245@0	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
n78(3700-3800)	30	90	649668	123@61	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
n78(3700-3800)	30	90	649668	1@1	CP_256QAM	20.57	-2.95	17.62	57.81	1000	PASS
n78(3700-3800)	30	90	649668	1@243	CP_256QAM	20.87	-2.95	17.92	61.94	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	27.22	-2.95	24.27	267.30	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	27.83	-2.95	24.88	307.61	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	26.98	-2.95	24.03	252.93	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	27.38	-2.95	24.43	277.33	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	26.75	-2.95	23.80	239.88	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	27.85	-2.95	24.90	309.03	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	27.40	-2.95	24.45	278.61	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	25.75	-2.95	22.80	190.55	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	26.82	-2.95	23.87	243.78	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	25.93	-2.95	22.98	198.61	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	26.36	-2.95	23.41	219.28	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	25.29	-2.95	22.34	171.40	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	24.44	-2.95	21.49	140.93	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	24.87	-2.95	21.92	155.60	1000	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	23.34	-2.95	20.39	109.40	1000	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	22.43	-2.95	19.48	88.72	1000	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	22.88	-2.95	19.93	98.40	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	24.72	-2.95	21.77	150.31	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	26.32	-2.95	23.37	217.27	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	25.50	-2.95	22.55	179.89	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	25.88	-2.95	22.93	196.34	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_16QAM	24.71	-2.95	21.76	149.97	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_16QAM	25.80	-2.95	22.85	192.75	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_16QAM	24.99	-2.95	22.04	159.96	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_16QAM	25.39	-2.95	22.44	175.39	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_64QAM	24.32	-2.95	21.37	137.09	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_64QAM	23.63	-2.95	20.68	116.95	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_64QAM	24.01	-2.95	21.06	127.64	1000	PASS
n78(3700-3800)	30	90	650000	245@0	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
n78(3700-3800)	30	90	650000	123@61	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
n78(3700-3800)	30	90	650000	1@1	CP_256QAM	20.60	-2.95	17.65	58.21	1000	PASS
n78(3700-3800)	30	90	650000	1@243	CP_256QAM	21.01	-2.95	18.06	63.97	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS



n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	27.82	-2.95	24.87	306.90	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	26.95	-2.95	24.00	251.19	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	27.41	-2.95	24.46	279.25	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	26.72	-2.95	23.77	238.23	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	27.80	-2.95	24.85	305.49	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	26.96	-2.95	24.01	251.77	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	27.36	-2.95	24.41	276.06	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	25.70	-2.95	22.75	188.36	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	26.85	-2.95	23.90	245.47	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	26.15	-2.95	23.20	208.93	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	25.29	-2.95	22.34	171.40	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	24.66	-2.95	21.71	148.25	1000	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	23.30	-2.95	20.35	108.39	1000	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	22.50	-2.95	19.55	90.16	1000	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	22.94	-2.95	19.99	99.77	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	26.30	-2.95	23.35	216.27	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	25.45	-2.95	22.50	177.83	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	25.95	-2.95	23.00	199.53	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_16QAM	24.68	-2.95	21.73	148.94	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_16QAM	24.94	-2.95	21.99	158.12	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_16QAM	25.42	-2.95	22.47	176.60	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_64QAM	23.59	-2.95	20.64	115.88	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
n78(3700-3800)	30	90	650332	245@0	CP_256QAM	21.10	-2.95	18.15	65.31	1000	PASS
n78(3700-3800)	30	90	650332	123@61	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
n78(3700-3800)	30	90	650332	1@1	CP_256QAM	20.47	-2.95	17.52	56.49	1000	PASS
n78(3700-3800)	30	90	650332	1@243	CP_256QAM	20.98	-2.95	18.03	63.53	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	27.81	-2.95	24.86	306.20	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	27.27	-2.95	24.32	270.40	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	26.70	-2.95	23.75	237.14	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	27.82	-2.95	24.87	306.90	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	26.87	-2.95	23.92	246.60	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	27.26	-2.95	24.31	269.77	1000	PASS



n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	26.86	-2.95	23.91	246.04	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	25.61	-2.95	22.66	184.50	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	26.01	-2.95	23.06	202.30	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	25.20	-2.95	22.25	167.88	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	24.63	-2.95	21.68	147.23	1000	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	23.15	-2.95	20.20	104.71	1000	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	22.37	-2.95	19.42	87.50	1000	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	22.78	-2.95	19.83	96.16	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	26.32	-2.95	23.37	217.27	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	25.43	-2.95	22.48	177.01	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	25.86	-2.95	22.91	195.43	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_16QAM	24.66	-2.95	21.71	148.25	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_16QAM	24.92	-2.95	21.97	157.40	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_16QAM	25.35	-2.95	22.40	173.78	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_64QAM	23.54	-2.95	20.59	114.55	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_64QAM	23.99	-2.95	21.04	127.06	1000	PASS
n78(3700-3800)	30	100	650000	273@0	CP_256QAM	21.10	-2.95	18.15	65.31	1000	PASS
n78(3700-3800)	30	100	650000	137@68	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
n78(3700-3800)	30	100	650000	1@1	CP_256QAM	20.44	-2.95	17.49	56.10	1000	PASS
n78(3700-3800)	30	100	650000	1@271	CP_256QAM	20.89	-2.95	17.94	62.23	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_4A_n78A	30	10	647000	24@0	DFT_BPSK	27.14	-2.95	24.19	262.42	1000	PASS
DC_4A_n78A	30	10	647000	12@6	DFT_BPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_4A_n78A	30	10	647000	1@1	DFT_BPSK	27.56	-2.95	24.61	289.07	1000	PASS
DC_4A_n78A	30	10	647000	1@22	DFT_BPSK	27.51	-2.95	24.56	285.76	1000	PASS
DC_4A_n78A	30	10	647000	24@0	DFT_QPSK	26.67	-2.95	23.72	235.5	1000	PASS
DC_4A_n78A	30	10	647000	12@6	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_4A_n78A	30	10	647000	1@1	DFT_QPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_4A_n78A	30	10	647000	1@22	DFT_QPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_4A_n78A	30	10	647000	24@0	DFT_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_4A_n78A	30	10	647000	12@6	DFT_16QAM	26.57	-2.95	23.62	230.14	1000	PASS
DC_4A_n78A	30	10	647000	1@1	DFT_16QAM	26.42	-2.95	23.47	222.33	1000	PASS



DC_4A_n78A	30	10	647000	1@22	DFT_16QAM	26.39	-2.95	23.44	220.8	1000	PASS
DC_4A_n78A	30	10	647000	24@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
DC_4A_n78A	30	10	647000	12@6	DFT_64QAM	25.16	-2.95	22.21	166.34	1000	PASS
DC_4A_n78A	30	10	647000	1@1	DFT_64QAM	24.93	-2.95	21.98	157.76	1000	PASS
DC_4A_n78A	30	10	647000	1@22	DFT_64QAM	24.93	-2.95	21.98	157.76	1000	PASS
DC_4A_n78A	30	10	647000	24@0	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_4A_n78A	30	10	647000	12@6	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_4A_n78A	30	10	647000	1@1	DFT_256QAM	23.06	-2.95	20.11	102.57	1000	PASS
DC_4A_n78A	30	10	647000	1@22	DFT_256QAM	23.09	-2.95	20.14	103.28	1000	PASS
DC_4A_n78A	30	10	647000	24@0	CP_QPSK	24.66	-2.95	21.71	148.25	1000	PASS
DC_4A_n78A	30	10	647000	12@6	CP_QPSK	26.14	-2.95	23.19	208.45	1000	PASS
DC_4A_n78A	30	10	647000	1@1	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_4A_n78A	30	10	647000	1@22	CP_QPSK	26.05	-2.95	23.1	204.17	1000	PASS
DC_4A_n78A	30	10	647000	24@0	CP_16QAM	24.65	-2.95	21.7	147.91	1000	PASS
DC_4A_n78A	30	10	647000	12@6	CP_16QAM	25.62	-2.95	22.67	184.93	1000	PASS
DC_4A_n78A	30	10	647000	1@1	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	10	647000	1@22	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_4A_n78A	30	10	647000	24@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_4A_n78A	30	10	647000	12@6	CP_64QAM	24.11	-2.95	21.16	130.62	1000	PASS
DC_4A_n78A	30	10	647000	1@1	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_4A_n78A	30	10	647000	1@22	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_4A_n78A	30	10	647000	24@0	CP_256QAM	21.12	-2.95	18.17	65.61	1000	PASS
DC_4A_n78A	30	10	647000	12@6	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	10	647000	1@1	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_4A_n78A	30	10	647000	1@22	CP_256QAM	21.13	-2.95	18.18	65.77	1000	PASS
DC_4A_n78A	30	10	650000	24@0	DFT_BPSK	27.22	-2.95	24.27	267.3	1000	PASS
DC_4A_n78A	30	10	650000	12@6	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	10	650000	1@1	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	10	650000	1@22	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_4A_n78A	30	10	650000	24@0	DFT_QPSK	26.77	-2.95	23.82	240.99	1000	PASS
DC_4A_n78A	30	10	650000	12@6	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_4A_n78A	30	10	650000	1@1	DFT_QPSK	27.68	-2.95	24.73	297.17	1000	PASS
DC_4A_n78A	30	10	650000	1@22	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_4A_n78A	30	10	650000	24@0	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_4A_n78A	30	10	650000	12@6	DFT_16QAM	26.7	-2.95	23.75	237.14	1000	PASS
DC_4A_n78A	30	10	650000	1@1	DFT_16QAM	26.53	-2.95	23.58	228.03	1000	PASS
DC_4A_n78A	30	10	650000	1@22	DFT_16QAM	26.55	-2.95	23.6	229.09	1000	PASS
DC_4A_n78A	30	10	650000	24@0	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_4A_n78A	30	10	650000	12@6	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_4A_n78A	30	10	650000	1@1	DFT_64QAM	25.08	-2.95	22.13	163.31	1000	PASS
DC_4A_n78A	30	10	650000	1@22	DFT_64QAM	25.09	-2.95	22.14	163.68	1000	PASS
DC_4A_n78A	30	10	650000	24@0	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	10	650000	12@6	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS



DC_4A_n78A	30	10	650000	1@1	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_4A_n78A	30	10	650000	1@22	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_4A_n78A	30	10	650000	24@0	CP_QPSK	24.74	-2.95	21.79	151.01	1000	PASS
DC_4A_n78A	30	10	650000	12@6	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_4A_n78A	30	10	650000	1@1	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_4A_n78A	30	10	650000	1@22	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_4A_n78A	30	10	650000	24@0	CP_16QAM	24.75	-2.95	21.8	151.36	1000	PASS
DC_4A_n78A	30	10	650000	12@6	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_4A_n78A	30	10	650000	1@1	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_4A_n78A	30	10	650000	1@22	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
DC_4A_n78A	30	10	650000	24@0	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_4A_n78A	30	10	650000	12@6	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_4A_n78A	30	10	650000	1@1	CP_64QAM	24.35	-2.95	21.4	138.04	1000	PASS
DC_4A_n78A	30	10	650000	1@22	CP_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_4A_n78A	30	10	650000	24@0	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
DC_4A_n78A	30	10	650000	12@6	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
DC_4A_n78A	30	10	650000	1@1	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
DC_4A_n78A	30	10	650000	1@22	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
DC_4A_n78A	30	10	653000	24@0	DFT_BPSK	27.33	-2.95	24.38	274.16	1000	PASS
DC_4A_n78A	30	10	653000	12@6	DFT_BPSK	27.87	-2.95	24.92	310.46	1000	PASS
DC_4A_n78A	30	10	653000	1@1	DFT_BPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_4A_n78A	30	10	653000	1@22	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	10	653000	24@0	DFT_QPSK	26.86	-2.95	23.91	246.04	1000	PASS
DC_4A_n78A	30	10	653000	12@6	DFT_QPSK	27.85	-2.95	24.9	309.03	1000	PASS
DC_4A_n78A	30	10	653000	1@1	DFT_QPSK	27.7	-2.95	24.75	298.54	1000	PASS
DC_4A_n78A	30	10	653000	1@22	DFT_QPSK	27.85	-2.95	24.9	309.03	1000	PASS
DC_4A_n78A	30	10	653000	24@0	DFT_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
DC_4A_n78A	30	10	653000	12@6	DFT_16QAM	26.82	-2.95	23.87	243.78	1000	PASS
DC_4A_n78A	30	10	653000	1@1	DFT_16QAM	26.55	-2.95	23.6	229.09	1000	PASS
DC_4A_n78A	30	10	653000	1@22	DFT_16QAM	26.67	-2.95	23.72	235.5	1000	PASS
DC_4A_n78A	30	10	653000	24@0	DFT_64QAM	25.38	-2.95	22.43	174.98	1000	PASS
DC_4A_n78A	30	10	653000	12@6	DFT_64QAM	25.36	-2.95	22.41	174.18	1000	PASS
DC_4A_n78A	30	10	653000	1@1	DFT_64QAM	25.04	-2.95	22.09	161.81	1000	PASS
DC_4A_n78A	30	10	653000	1@22	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_4A_n78A	30	10	653000	24@0	DFT_256QAM	23.34	-2.95	20.39	109.4	1000	PASS
DC_4A_n78A	30	10	653000	12@6	DFT_256QAM	23.38	-2.95	20.43	110.41	1000	PASS
DC_4A_n78A	30	10	653000	1@1	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_4A_n78A	30	10	653000	1@22	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
DC_4A_n78A	30	10	653000	24@0	CP_QPSK	24.83	-2.95	21.88	154.17	1000	PASS
DC_4A_n78A	30	10	653000	12@6	CP_QPSK	26.38	-2.95	23.43	220.29	1000	PASS
DC_4A_n78A	30	10	653000	1@1	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	10	653000	1@22	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
DC_4A_n78A	30	10	653000	24@0	CP_16QAM	24.83	-2.95	21.88	154.17	1000	PASS



DC_4A_n78A	30	10	653000	12@6	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
DC_4A_n78A	30	10	653000	1@1	CP_16QAM	25.85	-2.95	22.9	194.98	1000	PASS
DC_4A_n78A	30	10	653000	1@22	CP_16QAM	25.94	-2.95	22.99	199.07	1000	PASS
DC_4A_n78A	30	10	653000	24@0	CP_64QAM	24.33	-2.95	21.38	137.4	1000	PASS
DC_4A_n78A	30	10	653000	12@6	CP_64QAM	24.33	-2.95	21.38	137.4	1000	PASS
DC_4A_n78A	30	10	653000	1@1	CP_64QAM	24.43	-2.95	21.48	140.6	1000	PASS
DC_4A_n78A	30	10	653000	1@22	CP_64QAM	24.52	-2.95	21.57	143.55	1000	PASS
DC_4A_n78A	30	10	653000	24@0	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
DC_4A_n78A	30	10	653000	12@6	CP_256QAM	21.42	-2.95	18.47	70.31	1000	PASS
DC_4A_n78A	30	10	653000	1@1	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_4A_n78A	30	10	653000	1@22	CP_256QAM	21.35	-2.95	18.4	69.18	1000	PASS
DC_4A_n78A	30	15	647168	36@0	DFT_BPSK	27.14	-2.95	24.19	262.42	1000	PASS
DC_4A_n78A	30	15	647168	18@9	DFT_BPSK	27.6	-2.95	24.65	291.74	1000	PASS
DC_4A_n78A	30	15	647168	1@1	DFT_BPSK	27.55	-2.95	24.6	288.4	1000	PASS
DC_4A_n78A	30	15	647168	1@36	DFT_BPSK	27.49	-2.95	24.54	284.45	1000	PASS
DC_4A_n78A	30	15	647168	36@0	DFT_QPSK	26.64	-2.95	23.69	233.88	1000	PASS
DC_4A_n78A	30	15	647168	18@9	DFT_QPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_4A_n78A	30	15	647168	1@1	DFT_QPSK	27.57	-2.95	24.62	289.73	1000	PASS
DC_4A_n78A	30	15	647168	1@36	DFT_QPSK	27.55	-2.95	24.6	288.4	1000	PASS
DC_4A_n78A	30	15	647168	36@0	DFT_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_4A_n78A	30	15	647168	18@9	DFT_16QAM	26.63	-2.95	23.68	233.35	1000	PASS
DC_4A_n78A	30	15	647168	1@1	DFT_16QAM	26.41	-2.95	23.46	221.82	1000	PASS
DC_4A_n78A	30	15	647168	1@36	DFT_16QAM	26.38	-2.95	23.43	220.29	1000	PASS
DC_4A_n78A	30	15	647168	36@0	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
DC_4A_n78A	30	15	647168	18@9	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_4A_n78A	30	15	647168	1@1	DFT_64QAM	24.92	-2.95	21.97	157.4	1000	PASS
DC_4A_n78A	30	15	647168	1@36	DFT_64QAM	24.92	-2.95	21.97	157.4	1000	PASS
DC_4A_n78A	30	15	647168	36@0	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_4A_n78A	30	15	647168	18@9	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_4A_n78A	30	15	647168	1@1	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_4A_n78A	30	15	647168	1@36	DFT_256QAM	23.01	-2.95	20.06	101.39	1000	PASS
DC_4A_n78A	30	15	647168	38@0	CP_QPSK	24.64	-2.95	21.69	147.57	1000	PASS
DC_4A_n78A	30	15	647168	19@9	CP_QPSK	26.11	-2.95	23.16	207.01	1000	PASS
DC_4A_n78A	30	15	647168	1@1	CP_QPSK	26.05	-2.95	23.1	204.17	1000	PASS
DC_4A_n78A	30	15	647168	1@36	CP_QPSK	26.03	-2.95	23.08	203.24	1000	PASS
DC_4A_n78A	30	15	647168	38@0	CP_16QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	15	647168	19@9	CP_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_4A_n78A	30	15	647168	1@1	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_4A_n78A	30	15	647168	1@36	CP_16QAM	25.62	-2.95	22.67	184.93	1000	PASS
DC_4A_n78A	30	15	647168	38@0	CP_64QAM	24.1	-2.95	21.15	130.32	1000	PASS
DC_4A_n78A	30	15	647168	19@9	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_4A_n78A	30	15	647168	1@1	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
DC_4A_n78A	30	15	647168	1@36	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS



DC_4A_n78A	30	15	647168	38@0	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_4A_n78A	30	15	647168	19@9	CP_256QAM	20.98	-2.95	18.03	63.53	1000	PASS
DC_4A_n78A	30	15	647168	1@1	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_4A_n78A	30	15	647168	1@36	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_4A_n78A	30	15	650000	36@0	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_4A_n78A	30	15	650000	18@9	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_4A_n78A	30	15	650000	1@1	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	15	650000	1@36	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_4A_n78A	30	15	650000	36@0	DFT_QPSK	26.77	-2.95	23.82	240.99	1000	PASS
DC_4A_n78A	30	15	650000	18@9	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	15	650000	1@1	DFT_QPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	15	650000	1@36	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	15	650000	36@0	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_4A_n78A	30	15	650000	18@9	DFT_16QAM	26.77	-2.95	23.82	240.99	1000	PASS
DC_4A_n78A	30	15	650000	1@1	DFT_16QAM	26.48	-2.95	23.53	225.42	1000	PASS
DC_4A_n78A	30	15	650000	1@36	DFT_16QAM	26.58	-2.95	23.63	230.67	1000	PASS
DC_4A_n78A	30	15	650000	36@0	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_4A_n78A	30	15	650000	18@9	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_4A_n78A	30	15	650000	1@1	DFT_64QAM	25.03	-2.95	22.08	161.44	1000	PASS
DC_4A_n78A	30	15	650000	1@36	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
DC_4A_n78A	30	15	650000	36@0	DFT_256QAM	23.3	-2.95	20.35	108.39	1000	PASS
DC_4A_n78A	30	15	650000	18@9	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_4A_n78A	30	15	650000	1@1	DFT_256QAM	23.1	-2.95	20.15	103.51	1000	PASS
DC_4A_n78A	30	15	650000	1@36	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_4A_n78A	30	15	650000	38@0	CP_QPSK	24.76	-2.95	21.81	151.71	1000	PASS
DC_4A_n78A	30	15	650000	19@9	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	15	650000	1@1	CP_QPSK	26.17	-2.95	23.22	209.89	1000	PASS
DC_4A_n78A	30	15	650000	1@36	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_4A_n78A	30	15	650000	38@0	CP_16QAM	24.82	-2.95	21.87	153.82	1000	PASS
DC_4A_n78A	30	15	650000	19@9	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	15	650000	1@1	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	15	650000	1@36	CP_16QAM	25.87	-2.95	22.92	195.88	1000	PASS
DC_4A_n78A	30	15	650000	38@0	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_4A_n78A	30	15	650000	19@9	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_4A_n78A	30	15	650000	1@1	CP_64QAM	24.35	-2.95	21.4	138.04	1000	PASS
DC_4A_n78A	30	15	650000	1@36	CP_64QAM	24.43	-2.95	21.48	140.6	1000	PASS
DC_4A_n78A	30	15	650000	38@0	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_4A_n78A	30	15	650000	19@9	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_4A_n78A	30	15	650000	1@1	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_4A_n78A	30	15	650000	1@36	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
DC_4A_n78A	30	15	652832	36@0	DFT_BPSK	27.25	-2.95	24.3	269.15	1000	PASS
DC_4A_n78A	30	15	652832	18@9	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	15	652832	1@1	DFT_BPSK	27.51	-2.95	24.56	285.76	1000	PASS



DC_4A_n78A	30	15	652832	1@36	DFT_BPSK	27.7	-2.95	24.75	298.54	1000	PASS
DC_4A_n78A	30	15	652832	36@0	DFT_QPSK	26.79	-2.95	23.84	242.1	1000	PASS
DC_4A_n78A	30	15	652832	18@9	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_4A_n78A	30	15	652832	1@1	DFT_QPSK	27.59	-2.95	24.64	291.07	1000	PASS
DC_4A_n78A	30	15	652832	1@36	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_4A_n78A	30	15	652832	36@0	DFT_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_4A_n78A	30	15	652832	18@9	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_4A_n78A	30	15	652832	1@1	DFT_16QAM	26.38	-2.95	23.43	220.29	1000	PASS
DC_4A_n78A	30	15	652832	1@36	DFT_16QAM	26.62	-2.95	23.67	232.81	1000	PASS
DC_4A_n78A	30	15	652832	36@0	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_4A_n78A	30	15	652832	18@9	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_4A_n78A	30	15	652832	1@1	DFT_64QAM	24.95	-2.95	22	158.49	1000	PASS
DC_4A_n78A	30	15	652832	1@36	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_4A_n78A	30	15	652832	36@0	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_4A_n78A	30	15	652832	18@9	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_4A_n78A	30	15	652832	1@1	DFT_256QAM	23.1	-2.95	20.15	103.51	1000	PASS
DC_4A_n78A	30	15	652832	1@36	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
DC_4A_n78A	30	15	652832	38@0	CP_QPSK	24.76	-2.95	21.81	151.71	1000	PASS
DC_4A_n78A	30	15	652832	19@9	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_4A_n78A	30	15	652832	1@1	CP_QPSK	26.09	-2.95	23.14	206.06	1000	PASS
DC_4A_n78A	30	15	652832	1@36	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_4A_n78A	30	15	652832	38@0	CP_16QAM	24.77	-2.95	21.82	152.05	1000	PASS
DC_4A_n78A	30	15	652832	19@9	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
DC_4A_n78A	30	15	652832	1@1	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	15	652832	1@36	CP_16QAM	25.89	-2.95	22.94	196.79	1000	PASS
DC_4A_n78A	30	15	652832	38@0	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_4A_n78A	30	15	652832	19@9	CP_64QAM	24.34	-2.95	21.39	137.72	1000	PASS
DC_4A_n78A	30	15	652832	1@1	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
DC_4A_n78A	30	15	652832	1@36	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
DC_4A_n78A	30	15	652832	38@0	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_4A_n78A	30	15	652832	19@9	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	15	652832	1@1	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	15	652832	1@36	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
DC_4A_n78A	30	20	647334	50@0	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_4A_n78A	30	20	647334	25@12	DFT_BPSK	27.59	-2.95	24.64	291.07	1000	PASS
DC_4A_n78A	30	20	647334	1@1	DFT_BPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_4A_n78A	30	20	647334	1@49	DFT_BPSK	27.42	-2.95	24.47	279.9	1000	PASS
DC_4A_n78A	30	20	647334	50@0	DFT_QPSK	26.64	-2.95	23.69	233.88	1000	PASS
DC_4A_n78A	30	20	647334	25@12	DFT_QPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_4A_n78A	30	20	647334	1@1	DFT_QPSK	27.49	-2.95	24.54	284.45	1000	PASS
DC_4A_n78A	30	20	647334	1@49	DFT_QPSK	27.48	-2.95	24.53	283.79	1000	PASS
DC_4A_n78A	30	20	647334	50@0	DFT_16QAM	25.61	-2.95	22.66	184.5	1000	PASS
DC_4A_n78A	30	20	647334	25@12	DFT_16QAM	26.59	-2.95	23.64	231.21	1000	PASS



DC_4A_n78A	30	20	647334	1@1	DFT_16QAM	26.3	-2.95	23.35	216.27	1000	PASS
DC_4A_n78A	30	20	647334	1@49	DFT_16QAM	26.29	-2.95	23.34	215.77	1000	PASS
DC_4A_n78A	30	20	647334	50@0	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_4A_n78A	30	20	647334	25@12	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
DC_4A_n78A	30	20	647334	1@1	DFT_64QAM	24.86	-2.95	21.91	155.24	1000	PASS
DC_4A_n78A	30	20	647334	1@49	DFT_64QAM	24.87	-2.95	21.92	155.6	1000	PASS
DC_4A_n78A	30	20	647334	50@0	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_4A_n78A	30	20	647334	25@12	DFT_256QAM	23.07	-2.95	20.12	102.8	1000	PASS
DC_4A_n78A	30	20	647334	1@1	DFT_256QAM	23.01	-2.95	20.06	101.39	1000	PASS
DC_4A_n78A	30	20	647334	1@49	DFT_256QAM	22.97	-2.95	20.02	100.46	1000	PASS
DC_4A_n78A	30	20	647334	51@0	CP_QPSK	24.54	-2.95	21.59	144.21	1000	PASS
DC_4A_n78A	30	20	647334	25@12	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_4A_n78A	30	20	647334	1@1	CP_QPSK	25.99	-2.95	23.04	201.37	1000	PASS
DC_4A_n78A	30	20	647334	1@49	CP_QPSK	25.91	-2.95	22.96	197.7	1000	PASS
DC_4A_n78A	30	20	647334	51@0	CP_16QAM	24.62	-2.95	21.67	146.89	1000	PASS
DC_4A_n78A	30	20	647334	25@12	CP_16QAM	25.57	-2.95	22.62	182.81	1000	PASS
DC_4A_n78A	30	20	647334	1@1	CP_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_4A_n78A	30	20	647334	1@49	CP_16QAM	25.57	-2.95	22.62	182.81	1000	PASS
DC_4A_n78A	30	20	647334	51@0	CP_64QAM	24.04	-2.95	21.09	128.53	1000	PASS
DC_4A_n78A	30	20	647334	25@12	CP_64QAM	24.05	-2.95	21.1	128.82	1000	PASS
DC_4A_n78A	30	20	647334	1@1	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_4A_n78A	30	20	647334	1@49	CP_64QAM	24.11	-2.95	21.16	130.62	1000	PASS
DC_4A_n78A	30	20	647334	51@0	CP_256QAM	21.05	-2.95	18.1	64.57	1000	PASS
DC_4A_n78A	30	20	647334	25@12	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_4A_n78A	30	20	647334	1@1	CP_256QAM	21.06	-2.95	18.11	64.71	1000	PASS
DC_4A_n78A	30	20	647334	1@49	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_4A_n78A	30	20	650000	50@0	DFT_BPSK	27.25	-2.95	24.3	269.15	1000	PASS
DC_4A_n78A	30	20	650000	25@12	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_4A_n78A	30	20	650000	1@1	DFT_BPSK	27.55	-2.95	24.6	288.4	1000	PASS
DC_4A_n78A	30	20	650000	1@49	DFT_BPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_4A_n78A	30	20	650000	50@0	DFT_QPSK	26.78	-2.95	23.83	241.55	1000	PASS
DC_4A_n78A	30	20	650000	25@12	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_4A_n78A	30	20	650000	1@1	DFT_QPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_4A_n78A	30	20	650000	1@49	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_4A_n78A	30	20	650000	50@0	DFT_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_4A_n78A	30	20	650000	25@12	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_4A_n78A	30	20	650000	1@1	DFT_16QAM	26.39	-2.95	23.44	220.8	1000	PASS
DC_4A_n78A	30	20	650000	1@49	DFT_16QAM	26.53	-2.95	23.58	228.03	1000	PASS
DC_4A_n78A	30	20	650000	50@0	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_4A_n78A	30	20	650000	25@12	DFT_64QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_4A_n78A	30	20	650000	1@1	DFT_64QAM	24.95	-2.95	22	158.49	1000	PASS
DC_4A_n78A	30	20	650000	1@49	DFT_64QAM	25.09	-2.95	22.14	163.68	1000	PASS
DC_4A_n78A	30	20	650000	50@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS



DC_4A_n78A	30	20	650000	25@12	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
DC_4A_n78A	30	20	650000	1@1	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_4A_n78A	30	20	650000	1@49	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_4A_n78A	30	20	650000	51@0	CP_QPSK	24.71	-2.95	21.76	149.97	1000	PASS
DC_4A_n78A	30	20	650000	25@12	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_4A_n78A	30	20	650000	1@1	CP_QPSK	26.1	-2.95	23.15	206.54	1000	PASS
DC_4A_n78A	30	20	650000	1@49	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_4A_n78A	30	20	650000	51@0	CP_16QAM	24.77	-2.95	21.82	152.05	1000	PASS
DC_4A_n78A	30	20	650000	25@12	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_4A_n78A	30	20	650000	1@1	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	20	650000	1@49	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_4A_n78A	30	20	650000	51@0	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_4A_n78A	30	20	650000	25@12	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_4A_n78A	30	20	650000	1@1	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
DC_4A_n78A	30	20	650000	1@49	CP_64QAM	24.4	-2.95	21.45	139.64	1000	PASS
DC_4A_n78A	30	20	650000	51@0	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_4A_n78A	30	20	650000	25@12	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_4A_n78A	30	20	650000	1@1	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_4A_n78A	30	20	650000	1@49	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_4A_n78A	30	20	652666	50@0	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_4A_n78A	30	20	652666	25@12	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_4A_n78A	30	20	652666	1@1	DFT_BPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_4A_n78A	30	20	652666	1@49	DFT_BPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_4A_n78A	30	20	652666	50@0	DFT_QPSK	26.73	-2.95	23.78	238.78	1000	PASS
DC_4A_n78A	30	20	652666	25@12	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_4A_n78A	30	20	652666	1@1	DFT_QPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_4A_n78A	30	20	652666	1@49	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_4A_n78A	30	20	652666	50@0	DFT_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	20	652666	25@12	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_4A_n78A	30	20	652666	1@1	DFT_16QAM	26.32	-2.95	23.37	217.27	1000	PASS
DC_4A_n78A	30	20	652666	1@49	DFT_16QAM	26.58	-2.95	23.63	230.67	1000	PASS
DC_4A_n78A	30	20	652666	50@0	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_4A_n78A	30	20	652666	25@12	DFT_64QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_4A_n78A	30	20	652666	1@1	DFT_64QAM	24.85	-2.95	21.9	154.88	1000	PASS
DC_4A_n78A	30	20	652666	1@49	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
DC_4A_n78A	30	20	652666	50@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_4A_n78A	30	20	652666	25@12	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	20	652666	1@1	DFT_256QAM	23.02	-2.95	20.07	101.62	1000	PASS
DC_4A_n78A	30	20	652666	1@49	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_4A_n78A	30	20	652666	51@0	CP_QPSK	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	20	652666	25@12	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	20	652666	1@1	CP_QPSK	26	-2.95	23.05	201.84	1000	PASS
DC_4A_n78A	30	20	652666	1@49	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS



DC_4A_n78A	30	20	652666	51@0	CP_16QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_4A_n78A	30	20	652666	25@12	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_4A_n78A	30	20	652666	1@1	CP_16QAM	25.56	-2.95	22.61	182.39	1000	PASS
DC_4A_n78A	30	20	652666	1@49	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_4A_n78A	30	20	652666	51@0	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_4A_n78A	30	20	652666	25@12	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_4A_n78A	30	20	652666	1@1	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_4A_n78A	30	20	652666	1@49	CP_64QAM	24.4	-2.95	21.45	139.64	1000	PASS
DC_4A_n78A	30	20	652666	51@0	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_4A_n78A	30	20	652666	25@12	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_4A_n78A	30	20	652666	1@1	CP_256QAM	20.95	-2.95	18	63.1	1000	PASS
DC_4A_n78A	30	20	652666	1@49	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
DC_4A_n78A	30	40	648000	100@0	DFT_BPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_4A_n78A	30	40	648000	50@25	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	40	648000	1@1	DFT_BPSK	27.1	-2.95	24.15	260.02	1000	PASS
DC_4A_n78A	30	40	648000	1@104	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_4A_n78A	30	40	648000	100@0	DFT_QPSK	26.59	-2.95	23.64	231.21	1000	PASS
DC_4A_n78A	30	40	648000	50@25	DFT_QPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	40	648000	1@1	DFT_QPSK	27.14	-2.95	24.19	262.42	1000	PASS
DC_4A_n78A	30	40	648000	1@104	DFT_QPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_4A_n78A	30	40	648000	100@0	DFT_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_4A_n78A	30	40	648000	50@25	DFT_16QAM	26.66	-2.95	23.71	234.96	1000	PASS
DC_4A_n78A	30	40	648000	1@1	DFT_16QAM	26	-2.95	23.05	201.84	1000	PASS
DC_4A_n78A	30	40	648000	1@104	DFT_16QAM	26.04	-2.95	23.09	203.7	1000	PASS
DC_4A_n78A	30	40	648000	100@0	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_4A_n78A	30	40	648000	50@25	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_4A_n78A	30	40	648000	1@1	DFT_64QAM	24.53	-2.95	21.58	143.88	1000	PASS
DC_4A_n78A	30	40	648000	1@104	DFT_64QAM	24.55	-2.95	21.6	144.54	1000	PASS
DC_4A_n78A	30	40	648000	100@0	DFT_256QAM	23.03	-2.95	20.08	101.86	1000	PASS
DC_4A_n78A	30	40	648000	50@25	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_4A_n78A	30	40	648000	1@1	DFT_256QAM	22.72	-2.95	19.77	94.84	1000	PASS
DC_4A_n78A	30	40	648000	1@104	DFT_256QAM	22.75	-2.95	19.8	95.5	1000	PASS
DC_4A_n78A	30	40	648000	106@0	CP_QPSK	24.54	-2.95	21.59	144.21	1000	PASS
DC_4A_n78A	30	40	648000	53@26	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_4A_n78A	30	40	648000	1@1	CP_QPSK	25.68	-2.95	22.73	187.5	1000	PASS
DC_4A_n78A	30	40	648000	1@104	CP_QPSK	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	40	648000	106@0	CP_16QAM	24.53	-2.95	21.58	143.88	1000	PASS
DC_4A_n78A	30	40	648000	53@26	CP_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_4A_n78A	30	40	648000	1@1	CP_16QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_4A_n78A	30	40	648000	1@104	CP_16QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_4A_n78A	30	40	648000	106@0	CP_64QAM	24.06	-2.95	21.11	129.12	1000	PASS
DC_4A_n78A	30	40	648000	53@26	CP_64QAM	24.1	-2.95	21.15	130.32	1000	PASS
DC_4A_n78A	30	40	648000	1@1	CP_64QAM	23.86	-2.95	20.91	123.31	1000	PASS



DC_4A_n78A	30	40	648000	1@104	CP_64QAM	23.89	-2.95	20.94	124.17	1000	PASS
DC_4A_n78A	30	40	648000	106@0	CP_256QAM	21	-2.95	18.05	63.83	1000	PASS
DC_4A_n78A	30	40	648000	53@26	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_4A_n78A	30	40	648000	1@1	CP_256QAM	20.82	-2.95	17.87	61.24	1000	PASS
DC_4A_n78A	30	40	648000	1@104	CP_256QAM	20.86	-2.95	17.91	61.8	1000	PASS
DC_4A_n78A	30	40	650000	100@0	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_4A_n78A	30	40	650000	50@25	DFT_BPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_4A_n78A	30	40	650000	1@1	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_4A_n78A	30	40	650000	1@104	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
DC_4A_n78A	30	40	650000	100@0	DFT_QPSK	26.65	-2.95	23.7	234.42	1000	PASS
DC_4A_n78A	30	40	650000	50@25	DFT_QPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_4A_n78A	30	40	650000	1@1	DFT_QPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_4A_n78A	30	40	650000	1@104	DFT_QPSK	27.42	-2.95	24.47	279.9	1000	PASS
DC_4A_n78A	30	40	650000	100@0	DFT_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_4A_n78A	30	40	650000	50@25	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_4A_n78A	30	40	650000	1@1	DFT_16QAM	25.99	-2.95	23.04	201.37	1000	PASS
DC_4A_n78A	30	40	650000	1@104	DFT_16QAM	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	40	650000	100@0	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_4A_n78A	30	40	650000	50@25	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_4A_n78A	30	40	650000	1@1	DFT_64QAM	24.53	-2.95	21.58	143.88	1000	PASS
DC_4A_n78A	30	40	650000	1@104	DFT_64QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_4A_n78A	30	40	650000	100@0	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_4A_n78A	30	40	650000	50@25	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_4A_n78A	30	40	650000	1@1	DFT_256QAM	22.68	-2.95	19.73	93.97	1000	PASS
DC_4A_n78A	30	40	650000	1@104	DFT_256QAM	22.95	-2.95	20	100	1000	PASS
DC_4A_n78A	30	40	650000	106@0	CP_QPSK	24.65	-2.95	21.7	147.91	1000	PASS
DC_4A_n78A	30	40	650000	53@26	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_4A_n78A	30	40	650000	1@1	CP_QPSK	25.7	-2.95	22.75	188.36	1000	PASS
DC_4A_n78A	30	40	650000	1@104	CP_QPSK	25.97	-2.95	23.02	200.45	1000	PASS
DC_4A_n78A	30	40	650000	106@0	CP_16QAM	24.61	-2.95	21.66	146.55	1000	PASS
DC_4A_n78A	30	40	650000	53@26	CP_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_4A_n78A	30	40	650000	1@1	CP_16QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_4A_n78A	30	40	650000	1@104	CP_16QAM	25.56	-2.95	22.61	182.39	1000	PASS
DC_4A_n78A	30	40	650000	106@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_4A_n78A	30	40	650000	53@26	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_4A_n78A	30	40	650000	1@1	CP_64QAM	23.93	-2.95	20.98	125.31	1000	PASS
DC_4A_n78A	30	40	650000	1@104	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_4A_n78A	30	40	650000	106@0	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_4A_n78A	30	40	650000	53@26	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
DC_4A_n78A	30	40	650000	1@1	CP_256QAM	20.77	-2.95	17.82	60.53	1000	PASS
DC_4A_n78A	30	40	650000	1@104	CP_256QAM	21.06	-2.95	18.11	64.71	1000	PASS
DC_4A_n78A	30	40	652000	100@0	DFT_BPSK	27.22	-2.95	24.27	267.3	1000	PASS
DC_4A_n78A	30	40	652000	50@25	DFT_BPSK	27.74	-2.95	24.79	301.3	1000	PASS



DC_4A_n78A	30	40	652000	1@1	DFT_BPSK	27.01	-2.95	24.06	254.68	1000	PASS
DC_4A_n78A	30	40	652000	1@104	DFT_BPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_4A_n78A	30	40	652000	100@0	DFT_QPSK	26.69	-2.95	23.74	236.59	1000	PASS
DC_4A_n78A	30	40	652000	50@25	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	40	652000	1@1	DFT_QPSK	27.1	-2.95	24.15	260.02	1000	PASS
DC_4A_n78A	30	40	652000	1@104	DFT_QPSK	27.53	-2.95	24.58	287.08	1000	PASS
DC_4A_n78A	30	40	652000	100@0	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_4A_n78A	30	40	652000	50@25	DFT_16QAM	26.79	-2.95	23.84	242.1	1000	PASS
DC_4A_n78A	30	40	652000	1@1	DFT_16QAM	25.91	-2.95	22.96	197.7	1000	PASS
DC_4A_n78A	30	40	652000	1@104	DFT_16QAM	26.37	-2.95	23.42	219.79	1000	PASS
DC_4A_n78A	30	40	652000	100@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_4A_n78A	30	40	652000	50@25	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_4A_n78A	30	40	652000	1@1	DFT_64QAM	24.47	-2.95	21.52	141.91	1000	PASS
DC_4A_n78A	30	40	652000	1@104	DFT_64QAM	24.92	-2.95	21.97	157.4	1000	PASS
DC_4A_n78A	30	40	652000	100@0	DFT_256QAM	23.17	-2.95	20.22	105.2	1000	PASS
DC_4A_n78A	30	40	652000	50@25	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	40	652000	1@1	DFT_256QAM	22.62	-2.95	19.67	92.68	1000	PASS
DC_4A_n78A	30	40	652000	1@104	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_4A_n78A	30	40	652000	106@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS
DC_4A_n78A	30	40	652000	53@26	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_4A_n78A	30	40	652000	1@1	CP_QPSK	25.57	-2.95	22.62	182.81	1000	PASS
DC_4A_n78A	30	40	652000	1@104	CP_QPSK	26.06	-2.95	23.11	204.64	1000	PASS
DC_4A_n78A	30	40	652000	106@0	CP_16QAM	24.68	-2.95	21.73	148.94	1000	PASS
DC_4A_n78A	30	40	652000	53@26	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_4A_n78A	30	40	652000	1@1	CP_16QAM	25.2	-2.95	22.25	167.88	1000	PASS
DC_4A_n78A	30	40	652000	1@104	CP_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_4A_n78A	30	40	652000	106@0	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_4A_n78A	30	40	652000	53@26	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_4A_n78A	30	40	652000	1@1	CP_64QAM	23.84	-2.95	20.89	122.74	1000	PASS
DC_4A_n78A	30	40	652000	1@104	CP_64QAM	24.3	-2.95	21.35	136.46	1000	PASS
DC_4A_n78A	30	40	652000	106@0	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
DC_4A_n78A	30	40	652000	53@26	CP_256QAM	21.25	-2.95	18.3	67.61	1000	PASS
DC_4A_n78A	30	40	652000	1@1	CP_256QAM	20.7	-2.95	17.75	59.57	1000	PASS
DC_4A_n78A	30	40	652000	1@104	CP_256QAM	21.13	-2.95	18.18	65.77	1000	PASS
DC_4A_n78A	30	50	648334	128@0	DFT_BPSK	27.1	-2.95	24.15	260.02	1000	PASS
DC_4A_n78A	30	50	648334	64@32	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_4A_n78A	30	50	648334	1@1	DFT_BPSK	27.34	-2.95	24.39	274.79	1000	PASS
DC_4A_n78A	30	50	648334	1@131	DFT_BPSK	27.42	-2.95	24.47	279.9	1000	PASS
DC_4A_n78A	30	50	648334	128@0	DFT_QPSK	26.63	-2.95	23.68	233.35	1000	PASS
DC_4A_n78A	30	50	648334	64@32	DFT_QPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	50	648334	1@1	DFT_QPSK	27.39	-2.95	24.44	277.97	1000	PASS
DC_4A_n78A	30	50	648334	1@131	DFT_QPSK	27.44	-2.95	24.49	281.19	1000	PASS
DC_4A_n78A	30	50	648334	128@0	DFT_16QAM	25.62	-2.95	22.67	184.93	1000	PASS



DC_4A_n78A	30	50	648334	64@32	DFT_16QAM	26.64	-2.95	23.69	233.88	1000	PASS
DC_4A_n78A	30	50	648334	1@1	DFT_16QAM	26.22	-2.95	23.27	212.32	1000	PASS
DC_4A_n78A	30	50	648334	1@131	DFT_16QAM	26.26	-2.95	23.31	214.29	1000	PASS
DC_4A_n78A	30	50	648334	128@0	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
DC_4A_n78A	30	50	648334	64@32	DFT_64QAM	25.14	-2.95	22.19	165.58	1000	PASS
DC_4A_n78A	30	50	648334	1@1	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	50	648334	1@131	DFT_64QAM	24.75	-2.95	21.8	151.36	1000	PASS
DC_4A_n78A	30	50	648334	128@0	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_4A_n78A	30	50	648334	64@32	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_4A_n78A	30	50	648334	1@1	DFT_256QAM	22.9	-2.95	19.95	98.86	1000	PASS
DC_4A_n78A	30	50	648334	1@131	DFT_256QAM	22.98	-2.95	20.03	100.69	1000	PASS
DC_4A_n78A	30	50	648334	133@0	CP_QPSK	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	50	648334	67@33	CP_QPSK	26.1	-2.95	23.15	206.54	1000	PASS
DC_4A_n78A	30	50	648334	1@1	CP_QPSK	25.89	-2.95	22.94	196.79	1000	PASS
DC_4A_n78A	30	50	648334	1@131	CP_QPSK	25.95	-2.95	23	199.53	1000	PASS
DC_4A_n78A	30	50	648334	133@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	50	648334	67@33	CP_16QAM	25.62	-2.95	22.67	184.93	1000	PASS
DC_4A_n78A	30	50	648334	1@1	CP_16QAM	25.51	-2.95	22.56	180.3	1000	PASS
DC_4A_n78A	30	50	648334	1@131	CP_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
DC_4A_n78A	30	50	648334	133@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_4A_n78A	30	50	648334	67@33	CP_64QAM	24.1	-2.95	21.15	130.32	1000	PASS
DC_4A_n78A	30	50	648334	1@1	CP_64QAM	24.11	-2.95	21.16	130.62	1000	PASS
DC_4A_n78A	30	50	648334	1@131	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_4A_n78A	30	50	648334	133@0	CP_256QAM	21.05	-2.95	18.1	64.57	1000	PASS
DC_4A_n78A	30	50	648334	67@33	CP_256QAM	21.03	-2.95	18.08	64.27	1000	PASS
DC_4A_n78A	30	50	648334	1@1	CP_256QAM	20.94	-2.95	17.99	62.95	1000	PASS
DC_4A_n78A	30	50	648334	1@131	CP_256QAM	21.01	-2.95	18.06	63.97	1000	PASS
DC_4A_n78A	30	50	650000	128@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_4A_n78A	30	50	650000	64@32	DFT_BPSK	27.83	-2.95	24.88	307.61	1000	PASS
DC_4A_n78A	30	50	650000	1@1	DFT_BPSK	27.38	-2.95	24.43	277.33	1000	PASS
DC_4A_n78A	30	50	650000	1@131	DFT_BPSK	27.66	-2.95	24.71	295.8	1000	PASS
DC_4A_n78A	30	50	650000	128@0	DFT_QPSK	26.74	-2.95	23.79	239.33	1000	PASS
DC_4A_n78A	30	50	650000	64@32	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_4A_n78A	30	50	650000	1@1	DFT_QPSK	27.41	-2.95	24.46	279.25	1000	PASS
DC_4A_n78A	30	50	650000	1@131	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	50	650000	128@0	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_4A_n78A	30	50	650000	64@32	DFT_16QAM	26.82	-2.95	23.87	243.78	1000	PASS
DC_4A_n78A	30	50	650000	1@1	DFT_16QAM	26.21	-2.95	23.26	211.84	1000	PASS
DC_4A_n78A	30	50	650000	1@131	DFT_16QAM	26.48	-2.95	23.53	225.42	1000	PASS
DC_4A_n78A	30	50	650000	128@0	DFT_64QAM	25.22	-2.95	22.27	168.66	1000	PASS
DC_4A_n78A	30	50	650000	64@32	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_4A_n78A	30	50	650000	1@1	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	50	650000	1@131	DFT_64QAM	25.02	-2.95	22.07	161.06	1000	PASS



DC_4A_n78A	30	50	650000	128@0	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_4A_n78A	30	50	650000	64@32	DFT_256QAM	23.3	-2.95	20.35	108.39	1000	PASS
DC_4A_n78A	30	50	650000	1@1	DFT_256QAM	22.86	-2.95	19.91	97.95	1000	PASS
DC_4A_n78A	30	50	650000	1@131	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_4A_n78A	30	50	650000	133@0	CP_QPSK	24.68	-2.95	21.73	148.94	1000	PASS
DC_4A_n78A	30	50	650000	67@33	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_4A_n78A	30	50	650000	1@1	CP_QPSK	25.95	-2.95	23	199.53	1000	PASS
DC_4A_n78A	30	50	650000	1@131	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_4A_n78A	30	50	650000	133@0	CP_16QAM	24.72	-2.95	21.77	150.31	1000	PASS
DC_4A_n78A	30	50	650000	67@33	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_4A_n78A	30	50	650000	1@1	CP_16QAM	25.5	-2.95	22.55	179.89	1000	PASS
DC_4A_n78A	30	50	650000	1@131	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_4A_n78A	30	50	650000	133@0	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_4A_n78A	30	50	650000	67@33	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_4A_n78A	30	50	650000	1@1	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_4A_n78A	30	50	650000	1@131	CP_64QAM	24.43	-2.95	21.48	140.6	1000	PASS
DC_4A_n78A	30	50	650000	133@0	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_4A_n78A	30	50	650000	67@33	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_4A_n78A	30	50	650000	1@1	CP_256QAM	20.89	-2.95	17.94	62.23	1000	PASS
DC_4A_n78A	30	50	650000	1@131	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_4A_n78A	30	50	651666	128@0	DFT_BPSK	27.2	-2.95	24.25	266.07	1000	PASS
DC_4A_n78A	30	50	651666	64@32	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	50	651666	1@1	DFT_BPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_4A_n78A	30	50	651666	1@131	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_4A_n78A	30	50	651666	128@0	DFT_QPSK	26.72	-2.95	23.77	238.23	1000	PASS
DC_4A_n78A	30	50	651666	64@32	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	50	651666	1@1	DFT_QPSK	27.28	-2.95	24.33	271.02	1000	PASS
DC_4A_n78A	30	50	651666	1@131	DFT_QPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_4A_n78A	30	50	651666	128@0	DFT_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_4A_n78A	30	50	651666	64@32	DFT_16QAM	26.72	-2.95	23.77	238.23	1000	PASS
DC_4A_n78A	30	50	651666	1@1	DFT_16QAM	26.08	-2.95	23.13	205.59	1000	PASS
DC_4A_n78A	30	50	651666	1@131	DFT_16QAM	26.6	-2.95	23.65	231.74	1000	PASS
DC_4A_n78A	30	50	651666	128@0	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_4A_n78A	30	50	651666	64@32	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_4A_n78A	30	50	651666	1@1	DFT_64QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	50	651666	1@131	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_4A_n78A	30	50	651666	128@0	DFT_256QAM	23.17	-2.95	20.22	105.2	1000	PASS
DC_4A_n78A	30	50	651666	64@32	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_4A_n78A	30	50	651666	1@1	DFT_256QAM	22.77	-2.95	19.82	95.94	1000	PASS
DC_4A_n78A	30	50	651666	1@131	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_4A_n78A	30	50	651666	133@0	CP_QPSK	24.75	-2.95	21.8	151.36	1000	PASS
DC_4A_n78A	30	50	651666	67@33	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
DC_4A_n78A	30	50	651666	1@1	CP_QPSK	25.78	-2.95	22.83	191.87	1000	PASS



DC_4A_n78A	30	50	651666	1@131	CP_QPSK	26.28	-2.95	23.33	215.28	1000	PASS
DC_4A_n78A	30	50	651666	133@0	CP_16QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	50	651666	67@33	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_4A_n78A	30	50	651666	1@1	CP_16QAM	25.37	-2.95	22.42	174.58	1000	PASS
DC_4A_n78A	30	50	651666	1@131	CP_16QAM	25.94	-2.95	22.99	199.07	1000	PASS
DC_4A_n78A	30	50	651666	133@0	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_4A_n78A	30	50	651666	67@33	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_4A_n78A	30	50	651666	1@1	CP_64QAM	23.97	-2.95	21.02	126.47	1000	PASS
DC_4A_n78A	30	50	651666	1@131	CP_64QAM	24.48	-2.95	21.53	142.23	1000	PASS
DC_4A_n78A	30	50	651666	133@0	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_4A_n78A	30	50	651666	67@33	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_4A_n78A	30	50	651666	1@1	CP_256QAM	20.85	-2.95	17.9	61.66	1000	PASS
DC_4A_n78A	30	50	651666	1@131	CP_256QAM	21.34	-2.95	18.39	69.02	1000	PASS
DC_4A_n78A	30	60	648668	162@0	DFT_BPSK	27.04	-2.95	24.09	256.45	1000	PASS
DC_4A_n78A	30	60	648668	81@40	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_4A_n78A	30	60	648668	1@1	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_4A_n78A	30	60	648668	1@160	DFT_BPSK	27.33	-2.95	24.38	274.16	1000	PASS
DC_4A_n78A	30	60	648668	162@0	DFT_QPSK	26.58	-2.95	23.63	230.67	1000	PASS
DC_4A_n78A	30	60	648668	81@40	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_4A_n78A	30	60	648668	1@1	DFT_QPSK	27.26	-2.95	24.31	269.77	1000	PASS
DC_4A_n78A	30	60	648668	1@160	DFT_QPSK	27.39	-2.95	24.44	277.97	1000	PASS
DC_4A_n78A	30	60	648668	162@0	DFT_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_4A_n78A	30	60	648668	81@40	DFT_16QAM	26.64	-2.95	23.69	233.88	1000	PASS
DC_4A_n78A	30	60	648668	1@1	DFT_16QAM	26.06	-2.95	23.11	204.64	1000	PASS
DC_4A_n78A	30	60	648668	1@160	DFT_16QAM	26.18	-2.95	23.23	210.38	1000	PASS
DC_4A_n78A	30	60	648668	162@0	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_4A_n78A	30	60	648668	81@40	DFT_64QAM	25.13	-2.95	22.18	165.2	1000	PASS
DC_4A_n78A	30	60	648668	1@1	DFT_64QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_4A_n78A	30	60	648668	1@160	DFT_64QAM	24.69	-2.95	21.74	149.28	1000	PASS
DC_4A_n78A	30	60	648668	162@0	DFT_256QAM	23.03	-2.95	20.08	101.86	1000	PASS
DC_4A_n78A	30	60	648668	81@40	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_4A_n78A	30	60	648668	1@1	DFT_256QAM	22.72	-2.95	19.77	94.84	1000	PASS
DC_4A_n78A	30	60	648668	1@160	DFT_256QAM	22.91	-2.95	19.96	99.08	1000	PASS
DC_4A_n78A	30	60	648668	162@0	CP_QPSK	24.5	-2.95	21.55	142.89	1000	PASS
DC_4A_n78A	30	60	648668	81@40	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_4A_n78A	30	60	648668	1@1	CP_QPSK	25.76	-2.95	22.81	190.99	1000	PASS
DC_4A_n78A	30	60	648668	1@160	CP_QPSK	25.89	-2.95	22.94	196.79	1000	PASS
DC_4A_n78A	30	60	648668	162@0	CP_16QAM	24.55	-2.95	21.6	144.54	1000	PASS
DC_4A_n78A	30	60	648668	81@40	CP_16QAM	25.6	-2.95	22.65	184.08	1000	PASS
DC_4A_n78A	30	60	648668	1@1	CP_16QAM	25.34	-2.95	22.39	173.38	1000	PASS
DC_4A_n78A	30	60	648668	1@160	CP_16QAM	25.45	-2.95	22.5	177.83	1000	PASS
DC_4A_n78A	30	60	648668	162@0	CP_64QAM	24.03	-2.95	21.08	128.23	1000	PASS
DC_4A_n78A	30	60	648668	81@40	CP_64QAM	24.07	-2.95	21.12	129.42	1000	PASS



DC_4A_n78A	30	60	648668	1@1	CP_64QAM	23.92	-2.95	20.97	125.03	1000	PASS
DC_4A_n78A	30	60	648668	1@160	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_4A_n78A	30	60	648668	162@0	CP_256QAM	20.96	-2.95	18.01	63.24	1000	PASS
DC_4A_n78A	30	60	648668	81@40	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_4A_n78A	30	60	648668	1@1	CP_256QAM	20.77	-2.95	17.82	60.53	1000	PASS
DC_4A_n78A	30	60	648668	1@160	CP_256QAM	20.91	-2.95	17.96	62.52	1000	PASS
DC_4A_n78A	30	60	650000	162@0	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_4A_n78A	30	60	650000	81@40	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	60	650000	1@1	DFT_BPSK	27.22	-2.95	24.27	267.3	1000	PASS
DC_4A_n78A	30	60	650000	1@160	DFT_BPSK	27.56	-2.95	24.61	289.07	1000	PASS
DC_4A_n78A	30	60	650000	162@0	DFT_QPSK	26.72	-2.95	23.77	238.23	1000	PASS
DC_4A_n78A	30	60	650000	81@40	DFT_QPSK	27.75	-2.95	24.8	302	1000	PASS
DC_4A_n78A	30	60	650000	1@1	DFT_QPSK	27.26	-2.95	24.31	269.77	1000	PASS
DC_4A_n78A	30	60	650000	1@160	DFT_QPSK	27.62	-2.95	24.67	293.09	1000	PASS
DC_4A_n78A	30	60	650000	162@0	DFT_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	60	650000	81@40	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_4A_n78A	30	60	650000	1@1	DFT_16QAM	26.09	-2.95	23.14	206.06	1000	PASS
DC_4A_n78A	30	60	650000	1@160	DFT_16QAM	26.44	-2.95	23.49	223.36	1000	PASS
DC_4A_n78A	30	60	650000	162@0	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_4A_n78A	30	60	650000	81@40	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_4A_n78A	30	60	650000	1@1	DFT_64QAM	24.72	-2.95	21.77	150.31	1000	PASS
DC_4A_n78A	30	60	650000	1@160	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_4A_n78A	30	60	650000	162@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_4A_n78A	30	60	650000	81@40	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	60	650000	1@1	DFT_256QAM	22.78	-2.95	19.83	96.16	1000	PASS
DC_4A_n78A	30	60	650000	1@160	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_4A_n78A	30	60	650000	162@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS
DC_4A_n78A	30	60	650000	81@40	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_4A_n78A	30	60	650000	1@1	CP_QPSK	25.89	-2.95	22.94	196.79	1000	PASS
DC_4A_n78A	30	60	650000	1@160	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_4A_n78A	30	60	650000	162@0	CP_16QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	60	650000	81@40	CP_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_4A_n78A	30	60	650000	1@1	CP_16QAM	25.41	-2.95	22.46	176.2	1000	PASS
DC_4A_n78A	30	60	650000	1@160	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_4A_n78A	30	60	650000	162@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_4A_n78A	30	60	650000	81@40	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_4A_n78A	30	60	650000	1@1	CP_64QAM	23.99	-2.95	21.04	127.06	1000	PASS
DC_4A_n78A	30	60	650000	1@160	CP_64QAM	24.35	-2.95	21.4	138.04	1000	PASS
DC_4A_n78A	30	60	650000	162@0	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	60	650000	81@40	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_4A_n78A	30	60	650000	1@1	CP_256QAM	20.91	-2.95	17.96	62.52	1000	PASS
DC_4A_n78A	30	60	650000	1@160	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
DC_4A_n78A	30	60	651332	162@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS



DC_4A_n78A	30	60	651332	81@40	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	60	651332	1@1	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_4A_n78A	30	60	651332	1@160	DFT_BPSK	27.7	-2.95	24.75	298.54	1000	PASS
DC_4A_n78A	30	60	651332	162@0	DFT_QPSK	26.7	-2.95	23.75	237.14	1000	PASS
DC_4A_n78A	30	60	651332	81@40	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	60	651332	1@1	DFT_QPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_4A_n78A	30	60	651332	1@160	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	60	651332	162@0	DFT_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	60	651332	81@40	DFT_16QAM	26.73	-2.95	23.78	238.78	1000	PASS
DC_4A_n78A	30	60	651332	1@1	DFT_16QAM	25.98	-2.95	23.03	200.91	1000	PASS
DC_4A_n78A	30	60	651332	1@160	DFT_16QAM	26.53	-2.95	23.58	228.03	1000	PASS
DC_4A_n78A	30	60	651332	162@0	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_4A_n78A	30	60	651332	81@40	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_4A_n78A	30	60	651332	1@1	DFT_64QAM	24.56	-2.95	21.61	144.88	1000	PASS
DC_4A_n78A	30	60	651332	1@160	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_4A_n78A	30	60	651332	162@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_4A_n78A	30	60	651332	81@40	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	60	651332	1@1	DFT_256QAM	22.7	-2.95	19.75	94.41	1000	PASS
DC_4A_n78A	30	60	651332	1@160	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_4A_n78A	30	60	651332	162@0	CP_QPSK	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	60	651332	81@40	CP_QPSK	26.18	-2.95	23.23	210.38	1000	PASS
DC_4A_n78A	30	60	651332	1@1	CP_QPSK	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	60	651332	1@160	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_4A_n78A	30	60	651332	162@0	CP_16QAM	24.67	-2.95	21.72	148.59	1000	PASS
DC_4A_n78A	30	60	651332	81@40	CP_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_4A_n78A	30	60	651332	1@1	CP_16QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_4A_n78A	30	60	651332	1@160	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_4A_n78A	30	60	651332	162@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_4A_n78A	30	60	651332	81@40	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_4A_n78A	30	60	651332	1@1	CP_64QAM	23.83	-2.95	20.88	122.46	1000	PASS
DC_4A_n78A	30	60	651332	1@160	CP_64QAM	24.38	-2.95	21.43	139	1000	PASS
DC_4A_n78A	30	60	651332	162@0	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_4A_n78A	30	60	651332	81@40	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	60	651332	1@1	CP_256QAM	20.7	-2.95	17.75	59.57	1000	PASS
DC_4A_n78A	30	60	651332	1@160	CP_256QAM	21.3	-2.95	18.35	68.39	1000	PASS
DC_4A_n78A	30	70	649000	180@0	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_4A_n78A	30	70	649000	90@45	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_4A_n78A	30	70	649000	1@1	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_4A_n78A	30	70	649000	1@187	DFT_BPSK	27.38	-2.95	24.43	277.33	1000	PASS
DC_4A_n78A	30	70	649000	180@0	DFT_QPSK	26.67	-2.95	23.72	235.5	1000	PASS
DC_4A_n78A	30	70	649000	90@45	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	70	649000	1@1	DFT_QPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_4A_n78A	30	70	649000	1@187	DFT_QPSK	27.44	-2.95	24.49	281.19	1000	PASS



DC_4A_n78A	30	70	649000	180@0	DFT_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_4A_n78A	30	70	649000	90@45	DFT_16QAM	26.7	-2.95	23.75	237.14	1000	PASS
DC_4A_n78A	30	70	649000	1@1	DFT_16QAM	26.05	-2.95	23.1	204.17	1000	PASS
DC_4A_n78A	30	70	649000	1@187	DFT_16QAM	26.27	-2.95	23.32	214.78	1000	PASS
DC_4A_n78A	30	70	649000	180@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_4A_n78A	30	70	649000	90@45	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_4A_n78A	30	70	649000	1@1	DFT_64QAM	24.52	-2.95	21.57	143.55	1000	PASS
DC_4A_n78A	30	70	649000	1@187	DFT_64QAM	24.77	-2.95	21.82	152.05	1000	PASS
DC_4A_n78A	30	70	649000	180@0	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_4A_n78A	30	70	649000	90@45	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_4A_n78A	30	70	649000	1@1	DFT_256QAM	22.67	-2.95	19.72	93.76	1000	PASS
DC_4A_n78A	30	70	649000	1@187	DFT_256QAM	22.94	-2.95	19.99	99.77	1000	PASS
DC_4A_n78A	30	70	649000	189@0	CP_QPSK	24.61	-2.95	21.66	146.55	1000	PASS
DC_4A_n78A	30	70	649000	95@47	CP_QPSK	26.18	-2.95	23.23	210.38	1000	PASS
DC_4A_n78A	30	70	649000	1@1	CP_QPSK	25.79	-2.95	22.84	192.31	1000	PASS
DC_4A_n78A	30	70	649000	1@187	CP_QPSK	26.01	-2.95	23.06	202.3	1000	PASS
DC_4A_n78A	30	70	649000	189@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	70	649000	95@47	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	70	649000	1@1	CP_16QAM	25.37	-2.95	22.42	174.58	1000	PASS
DC_4A_n78A	30	70	649000	1@187	CP_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
DC_4A_n78A	30	70	649000	189@0	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_4A_n78A	30	70	649000	95@47	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_4A_n78A	30	70	649000	1@1	CP_64QAM	23.94	-2.95	20.99	125.6	1000	PASS
DC_4A_n78A	30	70	649000	1@187	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_4A_n78A	30	70	649000	189@0	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_4A_n78A	30	70	649000	95@47	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_4A_n78A	30	70	649000	1@1	CP_256QAM	20.76	-2.95	17.81	60.39	1000	PASS
DC_4A_n78A	30	70	649000	1@187	CP_256QAM	21	-2.95	18.05	63.83	1000	PASS
DC_4A_n78A	30	70	650000	180@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_4A_n78A	30	70	650000	90@45	DFT_BPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_4A_n78A	30	70	650000	1@1	DFT_BPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_4A_n78A	30	70	650000	1@187	DFT_BPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_4A_n78A	30	70	650000	180@0	DFT_QPSK	26.7	-2.95	23.75	237.14	1000	PASS
DC_4A_n78A	30	70	650000	90@45	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	70	650000	1@1	DFT_QPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_4A_n78A	30	70	650000	1@187	DFT_QPSK	27.52	-2.95	24.57	286.42	1000	PASS
DC_4A_n78A	30	70	650000	180@0	DFT_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_4A_n78A	30	70	650000	90@45	DFT_16QAM	26.74	-2.95	23.79	239.33	1000	PASS
DC_4A_n78A	30	70	650000	1@1	DFT_16QAM	25.96	-2.95	23.01	199.99	1000	PASS
DC_4A_n78A	30	70	650000	1@187	DFT_16QAM	26.34	-2.95	23.39	218.27	1000	PASS
DC_4A_n78A	30	70	650000	180@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_4A_n78A	30	70	650000	90@45	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_4A_n78A	30	70	650000	1@1	DFT_64QAM	24.54	-2.95	21.59	144.21	1000	PASS



DC_4A_n78A	30	70	650000	1@187	DFT_64QAM	24.94	-2.95	21.99	158.12	1000	PASS
DC_4A_n78A	30	70	650000	180@0	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_4A_n78A	30	70	650000	90@45	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	70	650000	1@1	DFT_256QAM	22.65	-2.95	19.7	93.33	1000	PASS
DC_4A_n78A	30	70	650000	1@187	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_4A_n78A	30	70	650000	189@0	CP_QPSK	24.65	-2.95	21.7	147.91	1000	PASS
DC_4A_n78A	30	70	650000	95@47	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	70	650000	1@1	CP_QPSK	25.74	-2.95	22.79	190.11	1000	PASS
DC_4A_n78A	30	70	650000	1@187	CP_QPSK	26.06	-2.95	23.11	204.64	1000	PASS
DC_4A_n78A	30	70	650000	189@0	CP_16QAM	24.63	-2.95	21.68	147.23	1000	PASS
DC_4A_n78A	30	70	650000	95@47	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_4A_n78A	30	70	650000	1@1	CP_16QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_4A_n78A	30	70	650000	1@187	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_4A_n78A	30	70	650000	189@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_4A_n78A	30	70	650000	95@47	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_4A_n78A	30	70	650000	1@1	CP_64QAM	23.87	-2.95	20.92	123.59	1000	PASS
DC_4A_n78A	30	70	650000	1@187	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_4A_n78A	30	70	650000	189@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_4A_n78A	30	70	650000	95@47	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_4A_n78A	30	70	650000	1@1	CP_256QAM	20.72	-2.95	17.77	59.84	1000	PASS
DC_4A_n78A	30	70	650000	1@187	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_4A_n78A	30	70	651000	180@0	DFT_BPSK	27.19	-2.95	24.24	265.46	1000	PASS
DC_4A_n78A	30	70	651000	90@45	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_4A_n78A	30	70	651000	1@1	DFT_BPSK	27.02	-2.95	24.07	255.27	1000	PASS
DC_4A_n78A	30	70	651000	1@187	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_4A_n78A	30	70	651000	180@0	DFT_QPSK	26.7	-2.95	23.75	237.14	1000	PASS
DC_4A_n78A	30	70	651000	90@45	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_4A_n78A	30	70	651000	1@1	DFT_QPSK	27.02	-2.95	24.07	255.27	1000	PASS
DC_4A_n78A	30	70	651000	1@187	DFT_QPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_4A_n78A	30	70	651000	180@0	DFT_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	70	651000	90@45	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_4A_n78A	30	70	651000	1@1	DFT_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
DC_4A_n78A	30	70	651000	1@187	DFT_16QAM	26.47	-2.95	23.52	224.91	1000	PASS
DC_4A_n78A	30	70	651000	180@0	DFT_64QAM	25.2	-2.95	22.25	167.88	1000	PASS
DC_4A_n78A	30	70	651000	90@45	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_4A_n78A	30	70	651000	1@1	DFT_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_4A_n78A	30	70	651000	1@187	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_4A_n78A	30	70	651000	180@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_4A_n78A	30	70	651000	90@45	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_4A_n78A	30	70	651000	1@1	DFT_256QAM	22.55	-2.95	19.6	91.2	1000	PASS
DC_4A_n78A	30	70	651000	1@187	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_4A_n78A	30	70	651000	189@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS
DC_4A_n78A	30	70	651000	95@47	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS



DC_4A_n78A	30	70	651000	1@1	CP_QPSK	25.58	-2.95	22.63	183.23	1000	PASS
DC_4A_n78A	30	70	651000	1@187	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_4A_n78A	30	70	651000	189@0	CP_16QAM	24.64	-2.95	21.69	147.57	1000	PASS
DC_4A_n78A	30	70	651000	95@47	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_4A_n78A	30	70	651000	1@1	CP_16QAM	25.2	-2.95	22.25	167.88	1000	PASS
DC_4A_n78A	30	70	651000	1@187	CP_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_4A_n78A	30	70	651000	189@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_4A_n78A	30	70	651000	95@47	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_4A_n78A	30	70	651000	1@1	CP_64QAM	23.72	-2.95	20.77	119.4	1000	PASS
DC_4A_n78A	30	70	651000	1@187	CP_64QAM	24.38	-2.95	21.43	139	1000	PASS
DC_4A_n78A	30	70	651000	189@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_4A_n78A	30	70	651000	95@47	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_4A_n78A	30	70	651000	1@1	CP_256QAM	20.56	-2.95	17.61	57.68	1000	PASS
DC_4A_n78A	30	70	651000	1@187	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_4A_n78A	30	80	649334	216@0	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_4A_n78A	30	80	649334	108@54	DFT_BPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_4A_n78A	30	80	649334	1@1	DFT_BPSK	27.03	-2.95	24.08	255.86	1000	PASS
DC_4A_n78A	30	80	649334	1@215	DFT_BPSK	27.3	-2.95	24.35	272.27	1000	PASS
DC_4A_n78A	30	80	649334	216@0	DFT_QPSK	26.61	-2.95	23.66	232.27	1000	PASS
DC_4A_n78A	30	80	649334	108@54	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	80	649334	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_4A_n78A	30	80	649334	1@215	DFT_QPSK	27.32	-2.95	24.37	273.53	1000	PASS
DC_4A_n78A	30	80	649334	216@0	DFT_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_4A_n78A	30	80	649334	108@54	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_4A_n78A	30	80	649334	1@1	DFT_16QAM	25.9	-2.95	22.95	197.24	1000	PASS
DC_4A_n78A	30	80	649334	1@215	DFT_16QAM	26.17	-2.95	23.22	209.89	1000	PASS
DC_4A_n78A	30	80	649334	216@0	DFT_64QAM	25.13	-2.95	22.18	165.2	1000	PASS
DC_4A_n78A	30	80	649334	108@54	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_4A_n78A	30	80	649334	1@1	DFT_64QAM	24.36	-2.95	21.41	138.36	1000	PASS
DC_4A_n78A	30	80	649334	1@215	DFT_64QAM	24.61	-2.95	21.66	146.55	1000	PASS
DC_4A_n78A	30	80	649334	216@0	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_4A_n78A	30	80	649334	108@54	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_4A_n78A	30	80	649334	1@1	DFT_256QAM	22.57	-2.95	19.62	91.62	1000	PASS
DC_4A_n78A	30	80	649334	1@215	DFT_256QAM	22.86	-2.95	19.91	97.95	1000	PASS
DC_4A_n78A	30	80	649334	217@0	CP_QPSK	24.62	-2.95	21.67	146.89	1000	PASS
DC_4A_n78A	30	80	649334	109@54	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	80	649334	1@1	CP_QPSK	25.61	-2.95	22.66	184.5	1000	PASS
DC_4A_n78A	30	80	649334	1@215	CP_QPSK	25.84	-2.95	22.89	194.54	1000	PASS
DC_4A_n78A	30	80	649334	217@0	CP_16QAM	24.56	-2.95	21.61	144.88	1000	PASS
DC_4A_n78A	30	80	649334	109@54	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_4A_n78A	30	80	649334	1@1	CP_16QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_4A_n78A	30	80	649334	1@215	CP_16QAM	25.44	-2.95	22.49	177.42	1000	PASS
DC_4A_n78A	30	80	649334	217@0	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS



DC_4A_n78A	30	80	649334	109@54	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_4A_n78A	30	80	649334	1@1	CP_64QAM	23.86	-2.95	20.91	123.31	1000	PASS
DC_4A_n78A	30	80	649334	1@215	CP_64QAM	24.09	-2.95	21.14	130.02	1000	PASS
DC_4A_n78A	30	80	649334	217@0	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_4A_n78A	30	80	649334	109@54	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_4A_n78A	30	80	649334	1@1	CP_256QAM	20.62	-2.95	17.67	58.48	1000	PASS
DC_4A_n78A	30	80	649334	1@215	CP_256QAM	20.9	-2.95	17.95	62.37	1000	PASS
DC_4A_n78A	30	80	650000	216@0	DFT_BPSK	27.14	-2.95	24.19	262.42	1000	PASS
DC_4A_n78A	30	80	650000	108@54	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_4A_n78A	30	80	650000	1@1	DFT_BPSK	27	-2.95	24.05	254.1	1000	PASS
DC_4A_n78A	30	80	650000	1@215	DFT_BPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_4A_n78A	30	80	650000	216@0	DFT_QPSK	26.64	-2.95	23.69	233.88	1000	PASS
DC_4A_n78A	30	80	650000	108@54	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_4A_n78A	30	80	650000	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_4A_n78A	30	80	650000	1@215	DFT_QPSK	27.52	-2.95	24.57	286.42	1000	PASS
DC_4A_n78A	30	80	650000	216@0	DFT_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_4A_n78A	30	80	650000	108@54	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_4A_n78A	30	80	650000	1@1	DFT_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_4A_n78A	30	80	650000	1@215	DFT_16QAM	26.31	-2.95	23.36	216.77	1000	PASS
DC_4A_n78A	30	80	650000	216@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_4A_n78A	30	80	650000	108@54	DFT_64QAM	25.22	-2.95	22.27	168.66	1000	PASS
DC_4A_n78A	30	80	650000	1@1	DFT_64QAM	24.36	-2.95	21.41	138.36	1000	PASS
DC_4A_n78A	30	80	650000	1@215	DFT_64QAM	24.83	-2.95	21.88	154.17	1000	PASS
DC_4A_n78A	30	80	650000	216@0	DFT_256QAM	23.17	-2.95	20.22	105.2	1000	PASS
DC_4A_n78A	30	80	650000	108@54	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_4A_n78A	30	80	650000	1@1	DFT_256QAM	22.66	-2.95	19.71	93.54	1000	PASS
DC_4A_n78A	30	80	650000	1@215	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_4A_n78A	30	80	650000	217@0	CP_QPSK	24.65	-2.95	21.7	147.91	1000	PASS
DC_4A_n78A	30	80	650000	109@54	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_4A_n78A	30	80	650000	1@1	CP_QPSK	25.64	-2.95	22.69	185.78	1000	PASS
DC_4A_n78A	30	80	650000	1@215	CP_QPSK	25.98	-2.95	23.03	200.91	1000	PASS
DC_4A_n78A	30	80	650000	217@0	CP_16QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_4A_n78A	30	80	650000	109@54	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_4A_n78A	30	80	650000	1@1	CP_16QAM	25.15	-2.95	22.2	165.96	1000	PASS
DC_4A_n78A	30	80	650000	1@215	CP_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_4A_n78A	30	80	650000	217@0	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_4A_n78A	30	80	650000	109@54	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_4A_n78A	30	80	650000	1@1	CP_64QAM	23.86	-2.95	20.91	123.31	1000	PASS
DC_4A_n78A	30	80	650000	1@215	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_4A_n78A	30	80	650000	217@0	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_4A_n78A	30	80	650000	109@54	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_4A_n78A	30	80	650000	1@1	CP_256QAM	20.61	-2.95	17.66	58.34	1000	PASS
DC_4A_n78A	30	80	650000	1@215	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS



DC_4A_n78A	30	80	650666	216@0	DFT_BPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_4A_n78A	30	80	650666	108@54	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	80	650666	1@1	DFT_BPSK	26.86	-2.95	23.91	246.04	1000	PASS
DC_4A_n78A	30	80	650666	1@215	DFT_BPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_4A_n78A	30	80	650666	216@0	DFT_QPSK	26.67	-2.95	23.72	235.5	1000	PASS
DC_4A_n78A	30	80	650666	108@54	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_4A_n78A	30	80	650666	1@1	DFT_QPSK	26.92	-2.95	23.97	249.46	1000	PASS
DC_4A_n78A	30	80	650666	1@215	DFT_QPSK	27.49	-2.95	24.54	284.45	1000	PASS
DC_4A_n78A	30	80	650666	216@0	DFT_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_4A_n78A	30	80	650666	108@54	DFT_16QAM	26.77	-2.95	23.82	240.99	1000	PASS
DC_4A_n78A	30	80	650666	1@1	DFT_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_4A_n78A	30	80	650666	1@215	DFT_16QAM	26.36	-2.95	23.41	219.28	1000	PASS
DC_4A_n78A	30	80	650666	216@0	DFT_64QAM	25.13	-2.95	22.18	165.2	1000	PASS
DC_4A_n78A	30	80	650666	108@54	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_4A_n78A	30	80	650666	1@1	DFT_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_4A_n78A	30	80	650666	1@215	DFT_64QAM	24.82	-2.95	21.87	153.82	1000	PASS
DC_4A_n78A	30	80	650666	216@0	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_4A_n78A	30	80	650666	108@54	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_4A_n78A	30	80	650666	1@1	DFT_256QAM	22.54	-2.95	19.59	90.99	1000	PASS
DC_4A_n78A	30	80	650666	1@215	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_4A_n78A	30	80	650666	217@0	CP_QPSK	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	80	650666	109@54	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_4A_n78A	30	80	650666	1@1	CP_QPSK	25.44	-2.95	22.49	177.42	1000	PASS
DC_4A_n78A	30	80	650666	1@215	CP_QPSK	26.03	-2.95	23.08	203.24	1000	PASS
DC_4A_n78A	30	80	650666	217@0	CP_16QAM	24.62	-2.95	21.67	146.89	1000	PASS
DC_4A_n78A	30	80	650666	109@54	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_4A_n78A	30	80	650666	1@1	CP_16QAM	25.04	-2.95	22.09	161.81	1000	PASS
DC_4A_n78A	30	80	650666	1@215	CP_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_4A_n78A	30	80	650666	217@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_4A_n78A	30	80	650666	109@54	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_4A_n78A	30	80	650666	1@1	CP_64QAM	23.66	-2.95	20.71	117.76	1000	PASS
DC_4A_n78A	30	80	650666	1@215	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
DC_4A_n78A	30	80	650666	217@0	CP_256QAM	21.06	-2.95	18.11	64.71	1000	PASS
DC_4A_n78A	30	80	650666	109@54	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	80	650666	1@1	CP_256QAM	20.46	-2.95	17.51	56.36	1000	PASS
DC_4A_n78A	30	80	650666	1@215	CP_256QAM	21.12	-2.95	18.17	65.61	1000	PASS
DC_4A_n78A	30	90	649668	243@0	DFT_BPSK	27.14	-2.95	24.19	262.42	1000	PASS
DC_4A_n78A	30	90	649668	120@60	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	90	649668	1@1	DFT_BPSK	26.89	-2.95	23.94	247.74	1000	PASS
DC_4A_n78A	30	90	649668	1@243	DFT_BPSK	27.35	-2.95	24.4	275.42	1000	PASS
DC_4A_n78A	30	90	649668	243@0	DFT_QPSK	26.65	-2.95	23.7	234.42	1000	PASS
DC_4A_n78A	30	90	649668	120@60	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_4A_n78A	30	90	649668	1@1	DFT_QPSK	26.92	-2.95	23.97	249.46	1000	PASS



DC_4A_n78A	30	90	649668	1@243	DFT_QPSK	27.36	-2.95	24.41	276.06	1000	PASS
DC_4A_n78A	30	90	649668	243@0	DFT_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_4A_n78A	30	90	649668	120@60	DFT_16QAM	26.74	-2.95	23.79	239.33	1000	PASS
DC_4A_n78A	30	90	649668	1@1	DFT_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	90	649668	1@243	DFT_16QAM	26.2	-2.95	23.25	211.35	1000	PASS
DC_4A_n78A	30	90	649668	243@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_4A_n78A	30	90	649668	120@60	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_4A_n78A	30	90	649668	1@1	DFT_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_4A_n78A	30	90	649668	1@243	DFT_64QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_4A_n78A	30	90	649668	243@0	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_4A_n78A	30	90	649668	120@60	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_4A_n78A	30	90	649668	1@1	DFT_256QAM	22.43	-2.95	19.48	88.72	1000	PASS
DC_4A_n78A	30	90	649668	1@243	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
DC_4A_n78A	30	90	649668	245@0	CP_QPSK	24.6	-2.95	21.65	146.22	1000	PASS
DC_4A_n78A	30	90	649668	123@61	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_4A_n78A	30	90	649668	1@1	CP_QPSK	25.41	-2.95	22.46	176.2	1000	PASS
DC_4A_n78A	30	90	649668	1@243	CP_QPSK	25.83	-2.95	22.88	194.09	1000	PASS
DC_4A_n78A	30	90	649668	245@0	CP_16QAM	24.62	-2.95	21.67	146.89	1000	PASS
DC_4A_n78A	30	90	649668	123@61	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_4A_n78A	30	90	649668	1@1	CP_16QAM	25.02	-2.95	22.07	161.06	1000	PASS
DC_4A_n78A	30	90	649668	1@243	CP_16QAM	25.47	-2.95	22.52	178.65	1000	PASS
DC_4A_n78A	30	90	649668	245@0	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_4A_n78A	30	90	649668	123@61	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_4A_n78A	30	90	649668	1@1	CP_64QAM	23.63	-2.95	20.68	116.95	1000	PASS
DC_4A_n78A	30	90	649668	1@243	CP_64QAM	24.04	-2.95	21.09	128.53	1000	PASS
DC_4A_n78A	30	90	649668	245@0	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_4A_n78A	30	90	649668	123@61	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_4A_n78A	30	90	649668	1@1	CP_256QAM	20.44	-2.95	17.49	56.1	1000	PASS
DC_4A_n78A	30	90	649668	1@243	CP_256QAM	20.88	-2.95	17.93	62.09	1000	PASS
DC_4A_n78A	30	90	650000	243@0	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_4A_n78A	30	90	650000	120@60	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_4A_n78A	30	90	650000	1@1	DFT_BPSK	26.83	-2.95	23.88	244.34	1000	PASS
DC_4A_n78A	30	90	650000	1@243	DFT_BPSK	27.36	-2.95	24.41	276.06	1000	PASS
DC_4A_n78A	30	90	650000	243@0	DFT_QPSK	26.64	-2.95	23.69	233.88	1000	PASS
DC_4A_n78A	30	90	650000	120@60	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_4A_n78A	30	90	650000	1@1	DFT_QPSK	26.9	-2.95	23.95	248.31	1000	PASS
DC_4A_n78A	30	90	650000	1@243	DFT_QPSK	27.4	-2.95	24.45	278.61	1000	PASS
DC_4A_n78A	30	90	650000	243@0	DFT_16QAM	25.65	-2.95	22.7	186.21	1000	PASS
DC_4A_n78A	30	90	650000	120@60	DFT_16QAM	26.73	-2.95	23.78	238.78	1000	PASS
DC_4A_n78A	30	90	650000	1@1	DFT_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	90	650000	1@243	DFT_16QAM	26.23	-2.95	23.28	212.81	1000	PASS
DC_4A_n78A	30	90	650000	243@0	DFT_64QAM	25.14	-2.95	22.19	165.58	1000	PASS
DC_4A_n78A	30	90	650000	120@60	DFT_64QAM	25.22	-2.95	22.27	168.66	1000	PASS



DC_4A_n78A	30	90	650000	1@1	DFT_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_4A_n78A	30	90	650000	1@243	DFT_64QAM	24.72	-2.95	21.77	150.31	1000	PASS
DC_4A_n78A	30	90	650000	243@0	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
DC_4A_n78A	30	90	650000	120@60	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_4A_n78A	30	90	650000	1@1	DFT_256QAM	22.38	-2.95	19.43	87.7	1000	PASS
DC_4A_n78A	30	90	650000	1@243	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
DC_4A_n78A	30	90	650000	245@0	CP_QPSK	24.6	-2.95	21.65	146.22	1000	PASS
DC_4A_n78A	30	90	650000	123@61	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_4A_n78A	30	90	650000	1@1	CP_QPSK	25.39	-2.95	22.44	175.39	1000	PASS
DC_4A_n78A	30	90	650000	1@243	CP_QPSK	25.88	-2.95	22.93	196.34	1000	PASS
DC_4A_n78A	30	90	650000	245@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	90	650000	123@61	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_4A_n78A	30	90	650000	1@1	CP_16QAM	24.95	-2.95	22	158.49	1000	PASS
DC_4A_n78A	30	90	650000	1@243	CP_16QAM	25.45	-2.95	22.5	177.83	1000	PASS
DC_4A_n78A	30	90	650000	245@0	CP_64QAM	24.1	-2.95	21.15	130.32	1000	PASS
DC_4A_n78A	30	90	650000	123@61	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_4A_n78A	30	90	650000	1@1	CP_64QAM	23.54	-2.95	20.59	114.55	1000	PASS
DC_4A_n78A	30	90	650000	1@243	CP_64QAM	24.07	-2.95	21.12	129.42	1000	PASS
DC_4A_n78A	30	90	650000	245@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_4A_n78A	30	90	650000	123@61	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_4A_n78A	30	90	650000	1@1	CP_256QAM	20.32	-2.95	17.37	54.58	1000	PASS
DC_4A_n78A	30	90	650000	1@243	CP_256QAM	20.88	-2.95	17.93	62.09	1000	PASS
DC_4A_n78A	30	90	650332	243@0	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_4A_n78A	30	90	650332	120@60	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_4A_n78A	30	90	650332	1@1	DFT_BPSK	26.82	-2.95	23.87	243.78	1000	PASS
DC_4A_n78A	30	90	650332	1@243	DFT_BPSK	27.33	-2.95	24.38	274.16	1000	PASS
DC_4A_n78A	30	90	650332	243@0	DFT_QPSK	26.62	-2.95	23.67	232.81	1000	PASS
DC_4A_n78A	30	90	650332	120@60	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	90	650332	1@1	DFT_QPSK	26.84	-2.95	23.89	244.91	1000	PASS
DC_4A_n78A	30	90	650332	1@243	DFT_QPSK	27.39	-2.95	24.44	277.97	1000	PASS
DC_4A_n78A	30	90	650332	243@0	DFT_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_4A_n78A	30	90	650332	120@60	DFT_16QAM	26.72	-2.95	23.77	238.23	1000	PASS
DC_4A_n78A	30	90	650332	1@1	DFT_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_4A_n78A	30	90	650332	1@243	DFT_16QAM	26.27	-2.95	23.32	214.78	1000	PASS
DC_4A_n78A	30	90	650332	243@0	DFT_64QAM	25.11	-2.95	22.16	164.44	1000	PASS
DC_4A_n78A	30	90	650332	120@60	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_4A_n78A	30	90	650332	1@1	DFT_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_4A_n78A	30	90	650332	1@243	DFT_64QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_4A_n78A	30	90	650332	243@0	DFT_256QAM	23.07	-2.95	20.12	102.8	1000	PASS
DC_4A_n78A	30	90	650332	120@60	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_4A_n78A	30	90	650332	1@1	DFT_256QAM	22.32	-2.95	19.37	86.5	1000	PASS
DC_4A_n78A	30	90	650332	1@243	DFT_256QAM	22.85	-2.95	19.9	97.72	1000	PASS
DC_4A_n78A	30	90	650332	245@0	CP_QPSK	24.57	-2.95	21.62	145.21	1000	PASS



DC_4A_n78A	30	90	650332	123@61	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_4A_n78A	30	90	650332	1@1	CP_QPSK	25.38	-2.95	22.43	174.98	1000	PASS
DC_4A_n78A	30	90	650332	1@243	CP_QPSK	25.97	-2.95	23.02	200.45	1000	PASS
DC_4A_n78A	30	90	650332	245@0	CP_16QAM	24.55	-2.95	21.6	144.54	1000	PASS
DC_4A_n78A	30	90	650332	123@61	CP_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_4A_n78A	30	90	650332	1@1	CP_16QAM	24.95	-2.95	22	158.49	1000	PASS
DC_4A_n78A	30	90	650332	1@243	CP_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
DC_4A_n78A	30	90	650332	245@0	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_4A_n78A	30	90	650332	123@61	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_4A_n78A	30	90	650332	1@1	CP_64QAM	23.54	-2.95	20.59	114.55	1000	PASS
DC_4A_n78A	30	90	650332	1@243	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_4A_n78A	30	90	650332	245@0	CP_256QAM	21.06	-2.95	18.11	64.71	1000	PASS
DC_4A_n78A	30	90	650332	123@61	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_4A_n78A	30	90	650332	1@1	CP_256QAM	20.35	-2.95	17.4	54.95	1000	PASS
DC_4A_n78A	30	90	650332	1@243	CP_256QAM	20.98	-2.95	18.03	63.53	1000	PASS
DC_4A_n78A	30	100	650000	270@0	DFT_BPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_4A_n78A	30	100	650000	135@67	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	100	650000	1@1	DFT_BPSK	26.73	-2.95	23.78	238.78	1000	PASS
DC_4A_n78A	30	100	650000	1@271	DFT_BPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_4A_n78A	30	100	650000	270@0	DFT_QPSK	26.59	-2.95	23.64	231.21	1000	PASS
DC_4A_n78A	30	100	650000	135@67	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_4A_n78A	30	100	650000	1@1	DFT_QPSK	26.75	-2.95	23.8	239.88	1000	PASS
DC_4A_n78A	30	100	650000	1@271	DFT_QPSK	27.29	-2.95	24.34	271.64	1000	PASS
DC_4A_n78A	30	100	650000	270@0	DFT_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
DC_4A_n78A	30	100	650000	135@67	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_4A_n78A	30	100	650000	1@1	DFT_16QAM	25.65	-2.95	22.7	186.21	1000	PASS
DC_4A_n78A	30	100	650000	1@271	DFT_16QAM	26.13	-2.95	23.18	207.97	1000	PASS
DC_4A_n78A	30	100	650000	270@0	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_4A_n78A	30	100	650000	135@67	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_4A_n78A	30	100	650000	1@1	DFT_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_4A_n78A	30	100	650000	1@271	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_4A_n78A	30	100	650000	270@0	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_4A_n78A	30	100	650000	135@67	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_4A_n78A	30	100	650000	1@1	DFT_256QAM	22.21	-2.95	19.26	84.33	1000	PASS
DC_4A_n78A	30	100	650000	1@271	DFT_256QAM	22.74	-2.95	19.79	95.28	1000	PASS
DC_4A_n78A	30	100	650000	273@0	CP_QPSK	24.58	-2.95	21.63	145.55	1000	PASS
DC_4A_n78A	30	100	650000	137@68	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_4A_n78A	30	100	650000	1@1	CP_QPSK	25.22	-2.95	22.27	168.66	1000	PASS
DC_4A_n78A	30	100	650000	1@271	CP_QPSK	25.77	-2.95	22.82	191.43	1000	PASS
DC_4A_n78A	30	100	650000	273@0	CP_16QAM	24.59	-2.95	21.64	145.88	1000	PASS
DC_4A_n78A	30	100	650000	137@68	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_4A_n78A	30	100	650000	1@1	CP_16QAM	24.86	-2.95	21.91	155.24	1000	PASS
DC_4A_n78A	30	100	650000	1@271	CP_16QAM	25.37	-2.95	22.42	174.58	1000	PASS

DC_4A_n78A	30	100	650000	273@0	CP_64QAM	24.05	-2.95	21.1	128.82	1000	PASS
DC_4A_n78A	30	100	650000	137@68	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_4A_n78A	30	100	650000	1@1	CP_64QAM	23.43	-2.95	20.48	111.69	1000	PASS
DC_4A_n78A	30	100	650000	1@271	CP_64QAM	23.93	-2.95	20.98	125.31	1000	PASS
DC_4A_n78A	30	100	650000	273@0	CP_256QAM	21.03	-2.95	18.08	64.27	1000	PASS
DC_4A_n78A	30	100	650000	137@68	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_4A_n78A	30	100	650000	1@1	CP_256QAM	20.22	-2.95	17.27	53.33	1000	PASS
DC_4A_n78A	30	100	650000	1@271	CP_256QAM	20.77	-2.95	17.82	60.53	1000	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
DC_5A_n78A	30	10	647000	24@0	DFT_BPSK	27.15	-2.95	24.2	263.03	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_BPSK	27.59	-2.95	24.64	291.07	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_BPSK	27.55	-2.95	24.6	288.4	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_QPSK	26.68	-2.95	23.73	236.05	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_QPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_QPSK	27.62	-2.95	24.67	293.09	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_QPSK	27.55	-2.95	24.6	288.4	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_16QAM	26.62	-2.95	23.67	232.81	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_16QAM	26.47	-2.95	23.52	224.91	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_16QAM	26.42	-2.95	23.47	222.33	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_64QAM	25.2	-2.95	22.25	167.88	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_64QAM	25.16	-2.95	22.21	166.34	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_64QAM	24.97	-2.95	22.02	159.22	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_64QAM	24.91	-2.95	21.96	157.04	1000	PASS
DC_5A_n78A	30	10	647000	24@0	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_5A_n78A	30	10	647000	12@6	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_5A_n78A	30	10	647000	1@1	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_5A_n78A	30	10	647000	1@22	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_QPSK	26.16	-2.95	23.21	209.41	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_QPSK	26.16	-2.95	23.21	209.41	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_16QAM	24.69	-2.95	21.74	149.28	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_64QAM	24.32	-2.95	21.37	137.09	1000	PASS



DC_5A_n78A	30	10	647000	1@22	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
DC_5A_n78A	30	10	647000	24@0	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_5A_n78A	30	10	647000	12@6	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_5A_n78A	30	10	647000	1@1	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_5A_n78A	30	10	647000	1@22	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_BPSK	27.26	-2.95	24.31	269.77	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_QPSK	26.81	-2.95	23.86	243.22	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_QPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_16QAM	26.71	-2.95	23.76	237.68	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_16QAM	26.51	-2.95	23.56	226.99	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_64QAM	25.31	-2.95	22.36	172.19	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_64QAM	25.3	-2.95	22.35	171.79	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_64QAM	25.03	-2.95	22.08	161.44	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_5A_n78A	30	10	650000	24@0	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_5A_n78A	30	10	650000	12@6	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
DC_5A_n78A	30	10	650000	1@1	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	10	650000	1@22	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_QPSK	24.74	-2.95	21.79	151.01	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_QPSK	26.32	-2.95	23.37	217.27	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_16QAM	24.77	-2.95	21.82	152.05	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_16QAM	25.81	-2.95	22.86	193.2	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_64QAM	24.41	-2.95	21.46	139.96	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_64QAM	24.45	-2.95	21.5	141.25	1000	PASS
DC_5A_n78A	30	10	650000	24@0	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
DC_5A_n78A	30	10	650000	12@6	CP_256QAM	21.3	-2.95	18.35	68.39	1000	PASS
DC_5A_n78A	30	10	650000	1@1	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_5A_n78A	30	10	650000	1@22	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_BPSK	27.35	-2.95	24.4	275.42	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_BPSK	27.89	-2.95	24.94	311.89	1000	PASS



DC_5A_n78A	30	10	653000	1@1	DFT_BPSK	27.68	-2.95	24.73	297.17	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_BPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_QPSK	26.88	-2.95	23.93	247.17	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_QPSK	27.91	-2.95	24.96	313.33	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_QPSK	27.86	-2.95	24.91	309.74	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_16QAM	26.87	-2.95	23.92	246.6	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_16QAM	26.57	-2.95	23.62	230.14	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_16QAM	26.69	-2.95	23.74	236.59	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_64QAM	25.37	-2.95	22.42	174.58	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_64QAM	25.39	-2.95	22.44	175.39	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_64QAM	25.09	-2.95	22.14	163.68	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_5A_n78A	30	10	653000	24@0	DFT_256QAM	23.34	-2.95	20.39	109.4	1000	PASS
DC_5A_n78A	30	10	653000	12@6	DFT_256QAM	23.44	-2.95	20.49	111.94	1000	PASS
DC_5A_n78A	30	10	653000	1@1	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_5A_n78A	30	10	653000	1@22	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_QPSK	24.84	-2.95	21.89	154.53	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_QPSK	26.43	-2.95	23.48	222.84	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_QPSK	26.3	-2.95	23.35	216.27	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_QPSK	26.39	-2.95	23.44	220.8	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_16QAM	24.85	-2.95	21.9	154.88	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_16QAM	25.84	-2.95	22.89	194.54	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_16QAM	25.93	-2.95	22.98	198.61	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_64QAM	24.53	-2.95	21.58	143.88	1000	PASS
DC_5A_n78A	30	10	653000	24@0	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
DC_5A_n78A	30	10	653000	12@6	CP_256QAM	21.41	-2.95	18.46	70.15	1000	PASS
DC_5A_n78A	30	10	653000	1@1	CP_256QAM	21.3	-2.95	18.35	68.39	1000	PASS
DC_5A_n78A	30	10	653000	1@22	CP_256QAM	21.39	-2.95	18.44	69.82	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_BPSK	27.16	-2.95	24.21	263.63	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_BPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_BPSK	27.59	-2.95	24.64	291.07	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_BPSK	27.54	-2.95	24.59	287.74	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_QPSK	26.65	-2.95	23.7	234.42	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_QPSK	27.59	-2.95	24.64	291.07	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_QPSK	27.54	-2.95	24.59	287.74	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_16QAM	25.66	-2.95	22.71	186.64	1000	PASS



DC_5A_n78A	30	15	647168	18@9	DFT_16QAM	26.67	-2.95	23.72	235.5	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_16QAM	26.44	-2.95	23.49	223.36	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_16QAM	26.39	-2.95	23.44	220.8	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_64QAM	25.15	-2.95	22.2	165.96	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_64QAM	24.95	-2.95	22	158.49	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_64QAM	24.88	-2.95	21.93	155.96	1000	PASS
DC_5A_n78A	30	15	647168	36@0	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_5A_n78A	30	15	647168	18@9	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_5A_n78A	30	15	647168	1@1	DFT_256QAM	23.07	-2.95	20.12	102.8	1000	PASS
DC_5A_n78A	30	15	647168	1@36	DFT_256QAM	23.04	-2.95	20.09	102.09	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_QPSK	26.14	-2.95	23.19	208.45	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_QPSK	26.1	-2.95	23.15	206.54	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_QPSK	26.02	-2.95	23.07	202.77	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_16QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_64QAM	24.3	-2.95	21.35	136.46	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_64QAM	24.25	-2.95	21.3	134.9	1000	PASS
DC_5A_n78A	30	15	647168	38@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_5A_n78A	30	15	647168	19@9	CP_256QAM	21.03	-2.95	18.08	64.27	1000	PASS
DC_5A_n78A	30	15	647168	1@1	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_5A_n78A	30	15	647168	1@36	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_BPSK	27.28	-2.95	24.33	271.02	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_BPSK	27.66	-2.95	24.71	295.8	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_QPSK	26.79	-2.95	23.84	242.1	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_QPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_16QAM	26.79	-2.95	23.84	242.1	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_16QAM	26.61	-2.95	23.66	232.27	1000	PASS
DC_5A_n78A	30	15	650000	36@0	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_64QAM	25.01	-2.95	22.06	160.69	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS



DC_5A_n78A	30	15	650000	36@0	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
DC_5A_n78A	30	15	650000	18@9	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_5A_n78A	30	15	650000	1@1	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_5A_n78A	30	15	650000	1@36	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_QPSK	24.74	-2.95	21.79	151.01	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_16QAM	24.81	-2.95	21.86	153.46	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_64QAM	24.3	-2.95	21.35	136.46	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_64QAM	24.41	-2.95	21.46	139.96	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_64QAM	24.47	-2.95	21.52	141.91	1000	PASS
DC_5A_n78A	30	15	650000	38@0	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
DC_5A_n78A	30	15	650000	19@9	CP_256QAM	21.12	-2.95	18.17	65.61	1000	PASS
DC_5A_n78A	30	15	650000	1@1	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_5A_n78A	30	15	650000	1@36	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_BPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_BPSK	27.6	-2.95	24.65	291.74	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_QPSK	26.81	-2.95	23.86	243.22	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_QPSK	27.6	-2.95	24.65	291.74	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_QPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_16QAM	26.81	-2.95	23.86	243.22	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_16QAM	26.48	-2.95	23.53	225.42	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_16QAM	26.62	-2.95	23.67	232.81	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_64QAM	24.98	-2.95	22.03	159.59	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_5A_n78A	30	15	652832	36@0	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS
DC_5A_n78A	30	15	652832	18@9	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
DC_5A_n78A	30	15	652832	1@1	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_5A_n78A	30	15	652832	1@36	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_QPSK	24.77	-2.95	21.82	152.05	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_QPSK	26.1	-2.95	23.15	206.54	1000	PASS



DC_5A_n78A	30	15	652832	1@36	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_16QAM	24.8	-2.95	21.85	153.11	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_16QAM	25.93	-2.95	22.98	198.61	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_64QAM	24.25	-2.95	21.3	134.9	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_64QAM	24.34	-2.95	21.39	137.72	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_64QAM	24.51	-2.95	21.56	143.22	1000	PASS
DC_5A_n78A	30	15	652832	38@0	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_5A_n78A	30	15	652832	19@9	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_5A_n78A	30	15	652832	1@1	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_5A_n78A	30	15	652832	1@36	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_BPSK	27.1	-2.95	24.15	260.02	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_BPSK	27.6	-2.95	24.65	291.74	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_BPSK	27.48	-2.95	24.53	283.79	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_BPSK	27.46	-2.95	24.51	282.49	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_QPSK	26.61	-2.95	23.66	232.27	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_QPSK	27.53	-2.95	24.58	287.08	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_QPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_16QAM	26.59	-2.95	23.64	231.21	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_16QAM	26.31	-2.95	23.36	216.77	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_16QAM	26.26	-2.95	23.31	214.29	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_64QAM	25.14	-2.95	22.19	165.58	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_64QAM	25.13	-2.95	22.18	165.2	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_64QAM	24.83	-2.95	21.88	154.17	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_64QAM	24.77	-2.95	21.82	152.05	1000	PASS
DC_5A_n78A	30	20	647334	50@0	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_5A_n78A	30	20	647334	25@12	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_5A_n78A	30	20	647334	1@1	DFT_256QAM	22.99	-2.95	20.04	100.93	1000	PASS
DC_5A_n78A	30	20	647334	1@49	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_QPSK	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_QPSK	26.01	-2.95	23.06	202.3	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_QPSK	25.99	-2.95	23.04	201.37	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_16QAM	25.57	-2.95	22.62	182.81	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_16QAM	25.6	-2.95	22.65	184.08	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_64QAM	24.02	-2.95	21.07	127.94	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_64QAM	24.02	-2.95	21.07	127.94	1000	PASS



DC_5A_n78A	30	20	647334	1@1	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_5A_n78A	30	20	647334	51@0	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_5A_n78A	30	20	647334	25@12	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_5A_n78A	30	20	647334	1@1	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_5A_n78A	30	20	647334	1@49	CP_256QAM	20.99	-2.95	18.04	63.68	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_BPSK	27.25	-2.95	24.3	269.15	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_BPSK	27.56	-2.95	24.61	289.07	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_BPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_QPSK	26.79	-2.95	23.84	242.1	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_QPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_16QAM	26.41	-2.95	23.46	221.82	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_16QAM	26.51	-2.95	23.56	226.99	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_64QAM	25.3	-2.95	22.35	171.79	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_64QAM	24.98	-2.95	22.03	159.59	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_64QAM	25.03	-2.95	22.08	161.44	1000	PASS
DC_5A_n78A	30	20	650000	50@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_5A_n78A	30	20	650000	25@12	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	20	650000	1@1	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
DC_5A_n78A	30	20	650000	1@49	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_QPSK	24.71	-2.95	21.76	149.97	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_QPSK	26.1	-2.95	23.15	206.54	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_16QAM	24.74	-2.95	21.79	151.01	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_64QAM	24.33	-2.95	21.38	137.4	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_5A_n78A	30	20	650000	51@0	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_5A_n78A	30	20	650000	25@12	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	20	650000	1@1	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	20	650000	1@49	CP_256QAM	21.25	-2.95	18.3	67.61	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS



DC_5A_n78A	30	20	652666	25@12	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_BPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_BPSK	27.7	-2.95	24.75	298.54	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_QPSK	26.72	-2.95	23.77	238.23	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_QPSK	27.49	-2.95	24.54	284.45	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_16QAM	26.32	-2.95	23.37	217.27	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_16QAM	26.59	-2.95	23.64	231.21	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_64QAM	24.86	-2.95	21.91	155.24	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_5A_n78A	30	20	652666	50@0	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_5A_n78A	30	20	652666	25@12	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_5A_n78A	30	20	652666	1@1	DFT_256QAM	22.91	-2.95	19.96	99.08	1000	PASS
DC_5A_n78A	30	20	652666	1@49	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_QPSK	24.68	-2.95	21.73	148.94	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_QPSK	25.94	-2.95	22.99	199.07	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_16QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_16QAM	25.48	-2.95	22.53	179.06	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_64QAM	24.35	-2.95	21.4	138.04	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_64QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	20	652666	51@0	CP_256QAM	21.13	-2.95	18.18	65.77	1000	PASS
DC_5A_n78A	30	20	652666	25@12	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_5A_n78A	30	20	652666	1@1	CP_256QAM	20.99	-2.95	18.04	63.68	1000	PASS
DC_5A_n78A	30	20	652666	1@49	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_BPSK	27.1	-2.95	24.15	260.02	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_BPSK	27.15	-2.95	24.2	263.03	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_QPSK	26.57	-2.95	23.62	230.14	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_QPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_QPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_QPSK	27.19	-2.95	24.24	265.46	1000	PASS



DC_5A_n78A	30	40	648000	100@0	DFT_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_16QAM	26.69	-2.95	23.74	236.59	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_16QAM	26.04	-2.95	23.09	203.7	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_16QAM	26.06	-2.95	23.11	204.64	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_64QAM	25.09	-2.95	22.14	163.68	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_64QAM	24.54	-2.95	21.59	144.21	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_64QAM	24.54	-2.95	21.59	144.21	1000	PASS
DC_5A_n78A	30	40	648000	100@0	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_5A_n78A	30	40	648000	50@25	DFT_256QAM	23.1	-2.95	20.15	103.51	1000	PASS
DC_5A_n78A	30	40	648000	1@1	DFT_256QAM	22.73	-2.95	19.78	95.06	1000	PASS
DC_5A_n78A	30	40	648000	1@104	DFT_256QAM	22.75	-2.95	19.8	95.5	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_QPSK	24.55	-2.95	21.6	144.54	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_QPSK	26.11	-2.95	23.16	207.01	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_QPSK	25.71	-2.95	22.76	188.8	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_QPSK	25.71	-2.95	22.76	188.8	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_16QAM	24.5	-2.95	21.55	142.89	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_16QAM	25.61	-2.95	22.66	184.5	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_16QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_16QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_64QAM	24.05	-2.95	21.1	128.82	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_64QAM	23.94	-2.95	20.99	125.6	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_64QAM	23.9	-2.95	20.95	124.45	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_256QAM	21.06	-2.95	18.11	64.71	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_256QAM	20.82	-2.95	17.87	61.24	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_256QAM	20.82	-2.95	17.87	61.24	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_BPSK	27.2	-2.95	24.25	266.07	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_BPSK	27.16	-2.95	24.21	263.63	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_BPSK	27.4	-2.95	24.45	278.61	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_QPSK	26.71	-2.95	23.76	237.68	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_QPSK	27.81	-2.95	24.86	306.2	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_QPSK	27.16	-2.95	24.21	263.63	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_QPSK	27.41	-2.95	24.46	279.25	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_16QAM	26.82	-2.95	23.87	243.78	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_16QAM	26.07	-2.95	23.12	205.12	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_16QAM	26.26	-2.95	23.31	214.29	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_64QAM	24.55	-2.95	21.6	144.54	1000	PASS



DC_5A_n78A	30	40	650000	1@104	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_256QAM	22.68	-2.95	19.73	93.97	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_256QAM	22.9	-2.95	19.95	98.86	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_QPSK	24.68	-2.95	21.73	148.94	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_QPSK	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_QPSK	25.98	-2.95	23.03	200.91	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_16QAM	24.68	-2.95	21.73	148.94	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_16QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_16QAM	25.53	-2.95	22.58	181.13	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_64QAM	23.89	-2.95	20.94	124.17	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_256QAM	20.79	-2.95	17.84	60.81	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_256QAM	20.94	-2.95	17.99	62.95	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_BPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_BPSK	27.07	-2.95	24.12	258.23	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_BPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_QPSK	26.73	-2.95	23.78	238.78	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_QPSK	27.08	-2.95	24.13	258.82	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_QPSK	27.53	-2.95	24.58	287.08	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_16QAM	25.92	-2.95	22.97	198.15	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_16QAM	26.38	-2.95	23.43	220.29	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_64QAM	24.49	-2.95	21.54	142.56	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_64QAM	24.9	-2.95	21.95	156.68	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_256QAM	22.64	-2.95	19.69	93.11	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_QPSK	24.74	-2.95	21.79	151.01	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS



DC_5A_n78A	30	40	652000	1@1	CP_QPSK	25.66	-2.95	22.71	186.64	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_16QAM	24.72	-2.95	21.77	150.31	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_16QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_64QAM	23.84	-2.95	20.89	122.74	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_256QAM	21.28	-2.95	18.33	68.08	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_256QAM	20.73	-2.95	17.78	59.98	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_BPSK	27.1	-2.95	24.15	260.02	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_BPSK	27.36	-2.95	24.41	276.06	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_BPSK	27.46	-2.95	24.51	282.49	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_QPSK	26.65	-2.95	23.7	234.42	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_QPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_QPSK	27.41	-2.95	24.46	279.25	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_QPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_16QAM	26.66	-2.95	23.71	234.96	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_16QAM	26.23	-2.95	23.28	212.81	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_16QAM	26.31	-2.95	23.36	216.77	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_64QAM	25.13	-2.95	22.18	165.2	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_64QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_64QAM	24.83	-2.95	21.88	154.17	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_256QAM	23.1	-2.95	20.15	103.51	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_256QAM	23.01	-2.95	20.06	101.39	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_QPSK	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_QPSK	26.12	-2.95	23.17	207.49	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_QPSK	25.95	-2.95	23	199.53	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_QPSK	25.98	-2.95	23.03	200.91	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_16QAM	24.62	-2.95	21.67	146.89	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_16QAM	25.52	-2.95	22.57	180.72	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS



DC_5A_n78A	30	50	648334	67@33	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_256QAM	20.99	-2.95	18.04	63.68	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_256QAM	21.05	-2.95	18.1	64.57	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_BPSK	27.83	-2.95	24.88	307.61	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_BPSK	27.4	-2.95	24.45	278.61	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_BPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_QPSK	26.75	-2.95	23.8	239.88	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_QPSK	27.82	-2.95	24.87	306.9	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_QPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_QPSK	27.66	-2.95	24.71	295.8	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_16QAM	26.81	-2.95	23.86	243.22	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_16QAM	26.24	-2.95	23.29	213.3	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_64QAM	24.74	-2.95	21.79	151.01	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_64QAM	25.05	-2.95	22.1	162.18	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_256QAM	22.92	-2.95	19.97	99.31	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_QPSK	24.73	-2.95	21.78	150.66	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_QPSK	25.97	-2.95	23.02	200.45	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_16QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_16QAM	25.81	-2.95	22.86	193.2	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_64QAM	24.25	-2.95	21.3	134.9	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_64QAM	24.33	-2.95	21.38	137.4	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_64QAM	24.41	-2.95	21.46	139.96	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_256QAM	20.99	-2.95	18.04	63.68	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_256QAM	21.25	-2.95	18.3	67.61	1000	PASS



DC_5A_n78A	30	50	651666	128@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_BPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_QPSK	26.71	-2.95	23.76	237.68	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_QPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_QPSK	27.3	-2.95	24.35	272.27	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_16QAM	26.79	-2.95	23.84	242.1	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_16QAM	26.1	-2.95	23.15	206.54	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_16QAM	26.61	-2.95	23.66	232.27	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_64QAM	24.65	-2.95	21.7	147.91	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_64QAM	25.08	-2.95	22.13	163.31	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_256QAM	22.78	-2.95	19.83	96.16	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_QPSK	24.72	-2.95	21.77	150.31	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_QPSK	25.83	-2.95	22.88	194.09	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_QPSK	26.38	-2.95	23.43	220.29	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_16QAM	24.76	-2.95	21.81	151.71	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_16QAM	25.36	-2.95	22.41	174.18	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_64QAM	24	-2.95	21.05	127.35	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_64QAM	24.5	-2.95	21.55	142.89	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_256QAM	20.75	-2.95	17.8	60.26	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_BPSK	27.05	-2.95	24.1	257.04	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_BPSK	27.33	-2.95	24.38	274.16	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_QPSK	26.58	-2.95	23.63	230.67	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_QPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_QPSK	27.26	-2.95	24.31	269.77	1000	PASS



DC_5A_n78A	30	60	648668	1@160	DFT_QPSK	27.34	-2.95	24.39	274.79	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_16QAM	25.6	-2.95	22.65	184.08	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_16QAM	26.68	-2.95	23.73	236.05	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_16QAM	26.08	-2.95	23.13	205.59	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_16QAM	26.22	-2.95	23.27	212.32	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_64QAM	25.09	-2.95	22.14	163.68	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_64QAM	25.14	-2.95	22.19	165.58	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_64QAM	24.65	-2.95	21.7	147.91	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_256QAM	23.06	-2.95	20.11	102.57	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_256QAM	22.83	-2.95	19.88	97.27	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_256QAM	22.89	-2.95	19.94	98.63	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_QPSK	24.55	-2.95	21.6	144.54	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_QPSK	26.1	-2.95	23.15	206.54	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_QPSK	25.81	-2.95	22.86	193.2	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_QPSK	25.89	-2.95	22.94	196.79	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_16QAM	24.57	-2.95	21.62	145.21	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_16QAM	25.62	-2.95	22.67	184.93	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_16QAM	25.42	-2.95	22.47	176.6	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_64QAM	24.07	-2.95	21.12	129.42	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_64QAM	23.99	-2.95	21.04	127.06	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_64QAM	24.07	-2.95	21.12	129.42	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_256QAM	20.87	-2.95	17.92	61.94	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_256QAM	20.99	-2.95	18.04	63.68	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_BPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_BPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_QPSK	26.77	-2.95	23.82	240.99	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_QPSK	27.32	-2.95	24.37	273.53	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_QPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_16QAM	26.81	-2.95	23.86	243.22	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_16QAM	26.12	-2.95	23.17	207.49	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_16QAM	26.44	-2.95	23.49	223.36	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS



DC_5A_n78A	30	60	650000	1@1	DFT_64QAM	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_64QAM	25.01	-2.95	22.06	160.69	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_256QAM	22.8	-2.95	19.85	96.61	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_QPSK	25.87	-2.95	22.92	195.88	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_16QAM	24.72	-2.95	21.77	150.31	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_16QAM	25.41	-2.95	22.46	176.2	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_64QAM	24.25	-2.95	21.3	134.9	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_64QAM	24.06	-2.95	21.11	129.12	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_64QAM	24.42	-2.95	21.47	140.28	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_256QAM	20.92	-2.95	17.97	62.66	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_BPSK	27.15	-2.95	24.2	263.03	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_BPSK	27.68	-2.95	24.73	297.17	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_QPSK	26.75	-2.95	23.8	239.88	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_QPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_QPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_16QAM	26.04	-2.95	23.09	203.7	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_16QAM	26.58	-2.95	23.63	230.67	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_64QAM	24.54	-2.95	21.59	144.21	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_64QAM	25.05	-2.95	22.1	162.18	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_256QAM	22.68	-2.95	19.73	93.97	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS



DC_5A_n78A	30	60	651332	81@40	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_QPSK	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_16QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_16QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_16QAM	25.81	-2.95	22.86	193.2	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_64QAM	24.24	-2.95	21.29	134.59	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_64QAM	23.95	-2.95	21	125.89	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_64QAM	24.49	-2.95	21.54	142.56	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_256QAM	20.83	-2.95	17.88	61.38	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_256QAM	21.38	-2.95	18.43	69.66	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_BPSK	27.19	-2.95	24.24	265.46	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_BPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_BPSK	27.41	-2.95	24.46	279.25	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_QPSK	26.68	-2.95	23.73	236.05	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_QPSK	27.7	-2.95	24.75	298.54	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_QPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_QPSK	27.42	-2.95	24.47	279.9	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_16QAM	26.68	-2.95	23.73	236.05	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_16QAM	26.05	-2.95	23.1	204.17	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_16QAM	26.26	-2.95	23.31	214.29	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_64QAM	25.15	-2.95	22.2	165.96	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_64QAM	25.22	-2.95	22.27	168.66	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_64QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_64QAM	24.81	-2.95	21.86	153.46	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_256QAM	22.76	-2.95	19.81	95.72	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_256QAM	22.95	-2.95	20	100	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_QPSK	24.64	-2.95	21.69	147.57	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_QPSK	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_QPSK	26	-2.95	23.05	201.84	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_16QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_16QAM	25.37	-2.95	22.42	174.58	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_16QAM	25.61	-2.95	22.66	184.5	1000	PASS



DC_5A_n78A	30	70	649000	189@0	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_64QAM	23.96	-2.95	21.01	126.18	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_256QAM	21.03	-2.95	18.08	64.27	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_256QAM	20.69	-2.95	17.74	59.43	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_256QAM	20.88	-2.95	17.93	62.09	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_BPSK	27.19	-2.95	24.24	265.46	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_BPSK	27.16	-2.95	24.21	263.63	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_BPSK	27.54	-2.95	24.59	287.74	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_QPSK	26.7	-2.95	23.75	237.14	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_QPSK	27.22	-2.95	24.27	267.3	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_QPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_16QAM	25.99	-2.95	23.04	201.37	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_16QAM	26.35	-2.95	23.4	218.78	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_64QAM	24.49	-2.95	21.54	142.56	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_64QAM	24.83	-2.95	21.88	154.17	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_256QAM	22.7	-2.95	19.75	94.41	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_256QAM	23.06	-2.95	20.11	102.57	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_QPSK	25.75	-2.95	22.8	190.55	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_QPSK	26.05	-2.95	23.1	204.17	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_16QAM	24.64	-2.95	21.69	147.57	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_16QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_64QAM	23.93	-2.95	20.98	125.31	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_256QAM	20.74	-2.95	17.79	60.12	1000	PASS



DC_5A_n78A	30	70	650000	1@187	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_BPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_BPSK	27.01	-2.95	24.06	254.68	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_BPSK	27.61	-2.95	24.66	292.42	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_QPSK	26.72	-2.95	23.77	238.23	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_QPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_16QAM	25.9	-2.95	22.95	197.24	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_64QAM	25.02	-2.95	22.07	161.06	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_256QAM	23.29	-2.95	20.34	108.14	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_256QAM	22.67	-2.95	19.72	93.76	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_QPSK	25.62	-2.95	22.67	184.93	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_16QAM	24.64	-2.95	21.69	147.57	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_16QAM	25.81	-2.95	22.86	193.2	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_16QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_64QAM	23.82	-2.95	20.87	122.18	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_256QAM	20.56	-2.95	17.61	57.68	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_BPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_BPSK	27.04	-2.95	24.09	256.45	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_QPSK	26.6	-2.95	23.65	231.74	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS



DC_5A_n78A	30	80	649334	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_QPSK	27.35	-2.95	24.4	275.42	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_16QAM	26.73	-2.95	23.78	238.78	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_16QAM	25.89	-2.95	22.94	196.79	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_16QAM	26.15	-2.95	23.2	208.93	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_64QAM	25.2	-2.95	22.25	167.88	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_64QAM	24.37	-2.95	21.42	138.68	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_64QAM	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_256QAM	22.64	-2.95	19.69	93.11	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_256QAM	22.87	-2.95	19.92	98.17	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_QPSK	24.61	-2.95	21.66	146.55	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_QPSK	25.66	-2.95	22.71	186.64	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_QPSK	25.86	-2.95	22.91	195.43	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_16QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_16QAM	25.41	-2.95	22.46	176.2	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_64QAM	23.79	-2.95	20.84	121.34	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_64QAM	24.03	-2.95	21.08	128.23	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_256QAM	21.03	-2.95	18.08	64.27	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_256QAM	20.65	-2.95	17.7	58.88	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_256QAM	20.87	-2.95	17.92	61.94	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_BPSK	27.15	-2.95	24.2	263.03	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_BPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_BPSK	27.02	-2.95	24.07	255.27	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_BPSK	27.43	-2.95	24.48	280.54	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_QPSK	26.69	-2.95	23.74	236.59	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_QPSK	27.48	-2.95	24.53	283.79	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_16QAM	26.79	-2.95	23.84	242.1	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_16QAM	26.29	-2.95	23.34	215.77	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_64QAM	25.16	-2.95	22.21	166.34	1000	PASS



DC_5A_n78A	30	80	650000	108@54	DFT_64QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_64QAM	24.42	-2.95	21.47	140.28	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_64QAM	24.82	-2.95	21.87	153.82	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_256QAM	22.57	-2.95	19.62	91.62	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_256QAM	23.01	-2.95	20.06	101.39	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_QPSK	25.63	-2.95	22.68	185.35	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_QPSK	25.94	-2.95	22.99	199.07	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_16QAM	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_16QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_64QAM	23.82	-2.95	20.87	122.18	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_256QAM	20.57	-2.95	17.62	57.81	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_256QAM	20.97	-2.95	18.02	63.39	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_BPSK	27.15	-2.95	24.2	263.03	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_BPSK	26.9	-2.95	23.95	248.31	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_BPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_QPSK	26.66	-2.95	23.71	234.96	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_QPSK	26.98	-2.95	24.03	252.93	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_QPSK	27.51	-2.95	24.56	285.76	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_16QAM	26.37	-2.95	23.42	219.79	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_64QAM	24.85	-2.95	21.9	154.88	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_256QAM	22.43	-2.95	19.48	88.72	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS



DC_5A_n78A	30	80	650666	217@0	CP_QPSK	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_QPSK	25.5	-2.95	22.55	179.89	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_16QAM	24.99	-2.95	22.04	159.96	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_64QAM	23.62	-2.95	20.67	116.68	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_256QAM	20.49	-2.95	17.54	56.75	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_BPSK	26.95	-2.95	24	251.19	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_BPSK	27.31	-2.95	24.36	272.9	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_QPSK	26.66	-2.95	23.71	234.96	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_QPSK	26.96	-2.95	24.01	251.77	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_QPSK	27.37	-2.95	24.42	276.69	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_16QAM	26.18	-2.95	23.23	210.38	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_64QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_256QAM	22.44	-2.95	19.49	88.92	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_256QAM	22.85	-2.95	19.9	97.72	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_QPSK	24.62	-2.95	21.67	146.89	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_QPSK	25.45	-2.95	22.5	177.83	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_QPSK	25.85	-2.95	22.9	194.98	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_16QAM	24.62	-2.95	21.67	146.89	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_16QAM	25.07	-2.95	22.12	162.93	1000	PASS



DC_5A_n78A	30	90	649668	1@243	CP_16QAM	25.48	-2.95	22.53	179.06	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_64QAM	23.59	-2.95	20.64	115.88	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_64QAM	24.02	-2.95	21.07	127.94	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_256QAM	20.45	-2.95	17.5	56.23	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_256QAM	20.85	-2.95	17.9	61.66	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_BPSK	26.89	-2.95	23.94	247.74	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_BPSK	27.35	-2.95	24.4	275.42	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_QPSK	26.66	-2.95	23.71	234.96	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_QPSK	26.92	-2.95	23.97	249.46	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_QPSK	27.41	-2.95	24.46	279.25	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_16QAM	26.74	-2.95	23.79	239.33	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_16QAM	26.26	-2.95	23.31	214.29	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_64QAM	25.14	-2.95	22.19	165.58	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_64QAM	24.77	-2.95	21.82	152.05	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_256QAM	23.17	-2.95	20.22	105.2	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_256QAM	22.34	-2.95	19.39	86.9	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_256QAM	22.88	-2.95	19.93	98.4	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_QPSK	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_QPSK	25.44	-2.95	22.49	177.42	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_QPSK	25.9	-2.95	22.95	197.24	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_16QAM	24.64	-2.95	21.69	147.57	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_16QAM	25.03	-2.95	22.08	161.44	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_16QAM	25.53	-2.95	22.58	181.13	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_64QAM	23.65	-2.95	20.7	117.49	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS



DC_5A_n78A	30	90	650000	1@1	CP_256QAM	20.42	-2.95	17.47	55.85	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_256QAM	20.94	-2.95	17.99	62.95	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_BPSK	26.85	-2.95	23.9	245.47	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_BPSK	27.33	-2.95	24.38	274.16	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_QPSK	26.61	-2.95	23.66	232.27	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_QPSK	26.87	-2.95	23.92	246.6	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_QPSK	27.37	-2.95	24.42	276.69	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_16QAM	25.64	-2.95	22.69	185.78	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_16QAM	26.73	-2.95	23.78	238.78	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_16QAM	26.21	-2.95	23.26	211.84	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_64QAM	25.25	-2.95	22.3	169.82	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_64QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_256QAM	22.37	-2.95	19.42	87.5	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_256QAM	22.95	-2.95	20	100	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_QPSK	24.57	-2.95	21.62	145.21	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_QPSK	25.4	-2.95	22.45	175.79	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_QPSK	25.97	-2.95	23.02	200.45	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_16QAM	24.99	-2.95	22.04	159.96	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_16QAM	25.56	-2.95	22.61	182.39	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_64QAM	24.09	-2.95	21.14	130.02	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_64QAM	23.54	-2.95	20.59	114.55	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_256QAM	20.39	-2.95	17.44	55.46	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_256QAM	20.97	-2.95	18.02	63.39	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_BPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_BPSK	27.81	-2.95	24.86	306.2	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_BPSK	26.76	-2.95	23.81	240.44	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_BPSK	27.3	-2.95	24.35	272.27	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_QPSK	26.66	-2.95	23.71	234.96	1000	PASS



DC_5A_n78A	30	100	650000	135@67	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_QPSK	26.8	-2.95	23.85	242.66	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_QPSK	27.34	-2.95	24.39	274.79	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_16QAM	25.6	-2.95	22.65	184.08	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_16QAM	26.77	-2.95	23.82	240.99	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_16QAM	26.09	-2.95	23.14	206.06	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_64QAM	24.11	-2.95	21.16	130.62	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_64QAM	24.63	-2.95	21.68	147.23	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_256QAM	23.09	-2.95	20.14	103.28	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_256QAM	22.31	-2.95	19.36	86.3	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_256QAM	22.86	-2.95	19.91	97.95	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_QPSK	24.58	-2.95	21.63	145.55	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_QPSK	25.31	-2.95	22.36	172.19	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_QPSK	25.8	-2.95	22.85	192.75	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_16QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_16QAM	24.93	-2.95	21.98	157.76	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_16QAM	25.4	-2.95	22.45	175.79	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_64QAM	24.09	-2.95	21.14	130.02	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_64QAM	23.52	-2.95	20.57	114.02	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_64QAM	24.03	-2.95	21.08	128.23	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_256QAM	21.05	-2.95	18.1	64.57	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_256QAM	20.39	-2.95	17.44	55.46	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_256QAM	20.92	-2.95	17.97	62.66	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_12A_n78A	30	10	647000	24@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_12A_n78A	30	10	647000	12@6	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	10	647000	1@1	DFT_BPSK	27.62	-2.95	24.67	293.09	1000	PASS
DC_12A_n78A	30	10	647000	1@22	DFT_BPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_12A_n78A	30	10	647000	24@0	DFT_QPSK	26.74	-2.95	23.79	239.33	1000	PASS
DC_12A_n78A	30	10	647000	12@6	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_12A_n78A	30	10	647000	1@1	DFT_QPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_12A_n78A	30	10	647000	1@22	DFT_QPSK	27.61	-2.95	24.66	292.42	1000	PASS



DC_12A_n78A	30	10	647000	24@0	DFT_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_12A_n78A	30	10	647000	12@6	DFT_16QAM	26.63	-2.95	23.68	233.35	1000	PASS
DC_12A_n78A	30	10	647000	1@1	DFT_16QAM	26.46	-2.95	23.51	224.39	1000	PASS
DC_12A_n78A	30	10	647000	1@22	DFT_16QAM	26.43	-2.95	23.48	222.84	1000	PASS
DC_12A_n78A	30	10	647000	24@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
DC_12A_n78A	30	10	647000	12@6	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_12A_n78A	30	10	647000	1@1	DFT_64QAM	24.94	-2.95	21.99	158.12	1000	PASS
DC_12A_n78A	30	10	647000	1@22	DFT_64QAM	24.87	-2.95	21.92	155.6	1000	PASS
DC_12A_n78A	30	10	647000	24@0	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_12A_n78A	30	10	647000	12@6	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_12A_n78A	30	10	647000	1@1	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_12A_n78A	30	10	647000	1@22	DFT_256QAM	23.09	-2.95	20.14	103.28	1000	PASS
DC_12A_n78A	30	10	647000	24@0	CP_QPSK	24.65	-2.95	21.7	147.91	1000	PASS
DC_12A_n78A	30	10	647000	12@6	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_12A_n78A	30	10	647000	1@1	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_12A_n78A	30	10	647000	1@22	CP_QPSK	26.17	-2.95	23.22	209.89	1000	PASS
DC_12A_n78A	30	10	647000	24@0	CP_16QAM	24.68	-2.95	21.73	148.94	1000	PASS
DC_12A_n78A	30	10	647000	12@6	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_12A_n78A	30	10	647000	1@1	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_12A_n78A	30	10	647000	1@22	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_12A_n78A	30	10	647000	24@0	CP_64QAM	24.11	-2.95	21.16	130.62	1000	PASS
DC_12A_n78A	30	10	647000	12@6	CP_64QAM	24.06	-2.95	21.11	129.12	1000	PASS
DC_12A_n78A	30	10	647000	1@1	CP_64QAM	24.35	-2.95	21.4	138.04	1000	PASS
DC_12A_n78A	30	10	647000	1@22	CP_64QAM	24.33	-2.95	21.38	137.4	1000	PASS
DC_12A_n78A	30	10	647000	24@0	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_12A_n78A	30	10	647000	12@6	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_12A_n78A	30	10	647000	1@1	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_12A_n78A	30	10	647000	1@22	CP_256QAM	21.05	-2.95	18.1	64.57	1000	PASS
DC_12A_n78A	30	10	650000	24@0	DFT_BPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_12A_n78A	30	10	650000	12@6	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_12A_n78A	30	10	650000	1@1	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	10	650000	1@22	DFT_BPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_12A_n78A	30	10	650000	24@0	DFT_QPSK	26.84	-2.95	23.89	244.91	1000	PASS
DC_12A_n78A	30	10	650000	12@6	DFT_QPSK	27.83	-2.95	24.88	307.61	1000	PASS
DC_12A_n78A	30	10	650000	1@1	DFT_QPSK	27.68	-2.95	24.73	297.17	1000	PASS
DC_12A_n78A	30	10	650000	1@22	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_12A_n78A	30	10	650000	24@0	DFT_16QAM	25.83	-2.95	22.88	194.09	1000	PASS
DC_12A_n78A	30	10	650000	12@6	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_12A_n78A	30	10	650000	1@1	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_12A_n78A	30	10	650000	1@22	DFT_16QAM	26.57	-2.95	23.62	230.14	1000	PASS
DC_12A_n78A	30	10	650000	24@0	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_12A_n78A	30	10	650000	12@6	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_12A_n78A	30	10	650000	1@1	DFT_64QAM	25.05	-2.95	22.1	162.18	1000	PASS



DC_12A_n78A	30	10	650000	1@22	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_12A_n78A	30	10	650000	24@0	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_12A_n78A	30	10	650000	12@6	DFT_256QAM	23.34	-2.95	20.39	109.4	1000	PASS
DC_12A_n78A	30	10	650000	1@1	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_12A_n78A	30	10	650000	1@22	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_12A_n78A	30	10	650000	24@0	CP_QPSK	24.77	-2.95	21.82	152.05	1000	PASS
DC_12A_n78A	30	10	650000	12@6	CP_QPSK	26.31	-2.95	23.36	216.77	1000	PASS
DC_12A_n78A	30	10	650000	1@1	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_12A_n78A	30	10	650000	1@22	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_12A_n78A	30	10	650000	24@0	CP_16QAM	24.76	-2.95	21.81	151.71	1000	PASS
DC_12A_n78A	30	10	650000	12@6	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_12A_n78A	30	10	650000	1@1	CP_16QAM	25.84	-2.95	22.89	194.54	1000	PASS
DC_12A_n78A	30	10	650000	1@22	CP_16QAM	25.87	-2.95	22.92	195.88	1000	PASS
DC_12A_n78A	30	10	650000	24@0	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	10	650000	12@6	CP_64QAM	24.25	-2.95	21.3	134.9	1000	PASS
DC_12A_n78A	30	10	650000	1@1	CP_64QAM	24.43	-2.95	21.48	140.6	1000	PASS
DC_12A_n78A	30	10	650000	1@22	CP_64QAM	24.47	-2.95	21.52	141.91	1000	PASS
DC_12A_n78A	30	10	650000	24@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_12A_n78A	30	10	650000	12@6	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
DC_12A_n78A	30	10	650000	1@1	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_12A_n78A	30	10	650000	1@22	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
DC_12A_n78A	30	10	653000	24@0	DFT_BPSK	27.39	-2.95	24.44	277.97	1000	PASS
DC_12A_n78A	30	10	653000	12@6	DFT_BPSK	27.91	-2.95	24.96	313.33	1000	PASS
DC_12A_n78A	30	10	653000	1@1	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	10	653000	1@22	DFT_BPSK	27.82	-2.95	24.87	306.9	1000	PASS
DC_12A_n78A	30	10	653000	24@0	DFT_QPSK	26.91	-2.95	23.96	248.89	1000	PASS
DC_12A_n78A	30	10	653000	12@6	DFT_QPSK	27.9	-2.95	24.95	312.61	1000	PASS
DC_12A_n78A	30	10	653000	1@1	DFT_QPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_12A_n78A	30	10	653000	1@22	DFT_QPSK	27.89	-2.95	24.94	311.89	1000	PASS
DC_12A_n78A	30	10	653000	24@0	DFT_16QAM	25.9	-2.95	22.95	197.24	1000	PASS
DC_12A_n78A	30	10	653000	12@6	DFT_16QAM	26.87	-2.95	23.92	246.6	1000	PASS
DC_12A_n78A	30	10	653000	1@1	DFT_16QAM	26.63	-2.95	23.68	233.35	1000	PASS
DC_12A_n78A	30	10	653000	1@22	DFT_16QAM	26.71	-2.95	23.76	237.68	1000	PASS
DC_12A_n78A	30	10	653000	24@0	DFT_64QAM	25.43	-2.95	22.48	177.01	1000	PASS
DC_12A_n78A	30	10	653000	12@6	DFT_64QAM	25.4	-2.95	22.45	175.79	1000	PASS
DC_12A_n78A	30	10	653000	1@1	DFT_64QAM	25.13	-2.95	22.18	165.2	1000	PASS
DC_12A_n78A	30	10	653000	1@22	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_12A_n78A	30	10	653000	24@0	DFT_256QAM	23.39	-2.95	20.44	110.66	1000	PASS
DC_12A_n78A	30	10	653000	12@6	DFT_256QAM	23.46	-2.95	20.51	112.46	1000	PASS
DC_12A_n78A	30	10	653000	1@1	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
DC_12A_n78A	30	10	653000	1@22	DFT_256QAM	23.39	-2.95	20.44	110.66	1000	PASS
DC_12A_n78A	30	10	653000	24@0	CP_QPSK	24.87	-2.95	21.92	155.6	1000	PASS
DC_12A_n78A	30	10	653000	12@6	CP_QPSK	26.42	-2.95	23.47	222.33	1000	PASS



DC_12A_n78A	30	10	653000	1@1	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_12A_n78A	30	10	653000	1@22	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
DC_12A_n78A	30	10	653000	24@0	CP_16QAM	24.86	-2.95	21.91	155.24	1000	PASS
DC_12A_n78A	30	10	653000	12@6	CP_16QAM	25.84	-2.95	22.89	194.54	1000	PASS
DC_12A_n78A	30	10	653000	1@1	CP_16QAM	25.89	-2.95	22.94	196.79	1000	PASS
DC_12A_n78A	30	10	653000	1@22	CP_16QAM	25.99	-2.95	23.04	201.37	1000	PASS
DC_12A_n78A	30	10	653000	24@0	CP_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_12A_n78A	30	10	653000	12@6	CP_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_12A_n78A	30	10	653000	1@1	CP_64QAM	24.49	-2.95	21.54	142.56	1000	PASS
DC_12A_n78A	30	10	653000	1@22	CP_64QAM	24.56	-2.95	21.61	144.88	1000	PASS
DC_12A_n78A	30	10	653000	24@0	CP_256QAM	21.35	-2.95	18.4	69.18	1000	PASS
DC_12A_n78A	30	10	653000	12@6	CP_256QAM	21.45	-2.95	18.5	70.79	1000	PASS
DC_12A_n78A	30	10	653000	1@1	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
DC_12A_n78A	30	10	653000	1@22	CP_256QAM	21.41	-2.95	18.46	70.15	1000	PASS
DC_12A_n78A	30	15	647168	36@0	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_12A_n78A	30	15	647168	18@9	DFT_BPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_12A_n78A	30	15	647168	1@1	DFT_BPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_12A_n78A	30	15	647168	1@36	DFT_BPSK	27.54	-2.95	24.59	287.74	1000	PASS
DC_12A_n78A	30	15	647168	36@0	DFT_QPSK	26.74	-2.95	23.79	239.33	1000	PASS
DC_12A_n78A	30	15	647168	18@9	DFT_QPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	15	647168	1@1	DFT_QPSK	27.66	-2.95	24.71	295.8	1000	PASS
DC_12A_n78A	30	15	647168	1@36	DFT_QPSK	27.62	-2.95	24.67	293.09	1000	PASS
DC_12A_n78A	30	15	647168	36@0	DFT_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_12A_n78A	30	15	647168	18@9	DFT_16QAM	26.67	-2.95	23.72	235.5	1000	PASS
DC_12A_n78A	30	15	647168	1@1	DFT_16QAM	26.45	-2.95	23.5	223.87	1000	PASS
DC_12A_n78A	30	15	647168	1@36	DFT_16QAM	26.42	-2.95	23.47	222.33	1000	PASS
DC_12A_n78A	30	15	647168	36@0	DFT_64QAM	25.15	-2.95	22.2	165.96	1000	PASS
DC_12A_n78A	30	15	647168	18@9	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_12A_n78A	30	15	647168	1@1	DFT_64QAM	24.96	-2.95	22.01	158.85	1000	PASS
DC_12A_n78A	30	15	647168	1@36	DFT_64QAM	24.94	-2.95	21.99	158.12	1000	PASS
DC_12A_n78A	30	15	647168	36@0	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_12A_n78A	30	15	647168	18@9	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_12A_n78A	30	15	647168	1@1	DFT_256QAM	23.1	-2.95	20.15	103.51	1000	PASS
DC_12A_n78A	30	15	647168	1@36	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_12A_n78A	30	15	647168	38@0	CP_QPSK	24.65	-2.95	21.7	147.91	1000	PASS
DC_12A_n78A	30	15	647168	19@9	CP_QPSK	26.17	-2.95	23.22	209.89	1000	PASS
DC_12A_n78A	30	15	647168	1@1	CP_QPSK	26.16	-2.95	23.21	209.41	1000	PASS
DC_12A_n78A	30	15	647168	1@36	CP_QPSK	26.14	-2.95	23.19	208.45	1000	PASS
DC_12A_n78A	30	15	647168	38@0	CP_16QAM	24.69	-2.95	21.74	149.28	1000	PASS
DC_12A_n78A	30	15	647168	19@9	CP_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_12A_n78A	30	15	647168	1@1	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_12A_n78A	30	15	647168	1@36	CP_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_12A_n78A	30	15	647168	38@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS



DC_12A_n78A	30	15	647168	19@9	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	15	647168	1@1	CP_64QAM	24.35	-2.95	21.4	138.04	1000	PASS
DC_12A_n78A	30	15	647168	1@36	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
DC_12A_n78A	30	15	647168	38@0	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_12A_n78A	30	15	647168	19@9	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_12A_n78A	30	15	647168	1@1	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
DC_12A_n78A	30	15	647168	1@36	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_12A_n78A	30	15	650000	36@0	DFT_BPSK	27.29	-2.95	24.34	271.64	1000	PASS
DC_12A_n78A	30	15	650000	18@9	DFT_BPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_12A_n78A	30	15	650000	1@1	DFT_BPSK	27.67	-2.95	24.72	296.48	1000	PASS
DC_12A_n78A	30	15	650000	1@36	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_12A_n78A	30	15	650000	36@0	DFT_QPSK	26.82	-2.95	23.87	243.78	1000	PASS
DC_12A_n78A	30	15	650000	18@9	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_12A_n78A	30	15	650000	1@1	DFT_QPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	15	650000	1@36	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_12A_n78A	30	15	650000	36@0	DFT_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_12A_n78A	30	15	650000	18@9	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_12A_n78A	30	15	650000	1@1	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_12A_n78A	30	15	650000	1@36	DFT_16QAM	26.63	-2.95	23.68	233.35	1000	PASS
DC_12A_n78A	30	15	650000	36@0	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_12A_n78A	30	15	650000	18@9	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_12A_n78A	30	15	650000	1@1	DFT_64QAM	25.04	-2.95	22.09	161.81	1000	PASS
DC_12A_n78A	30	15	650000	1@36	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_12A_n78A	30	15	650000	36@0	DFT_256QAM	23.34	-2.95	20.39	109.4	1000	PASS
DC_12A_n78A	30	15	650000	18@9	DFT_256QAM	23.3	-2.95	20.35	108.39	1000	PASS
DC_12A_n78A	30	15	650000	1@1	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_12A_n78A	30	15	650000	1@36	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_12A_n78A	30	15	650000	38@0	CP_QPSK	24.8	-2.95	21.85	153.11	1000	PASS
DC_12A_n78A	30	15	650000	19@9	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_12A_n78A	30	15	650000	1@1	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_12A_n78A	30	15	650000	1@36	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	15	650000	38@0	CP_16QAM	24.83	-2.95	21.88	154.17	1000	PASS
DC_12A_n78A	30	15	650000	19@9	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_12A_n78A	30	15	650000	1@1	CP_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
DC_12A_n78A	30	15	650000	1@36	CP_16QAM	25.92	-2.95	22.97	198.15	1000	PASS
DC_12A_n78A	30	15	650000	38@0	CP_64QAM	24.3	-2.95	21.35	136.46	1000	PASS
DC_12A_n78A	30	15	650000	19@9	CP_64QAM	24.32	-2.95	21.37	137.09	1000	PASS
DC_12A_n78A	30	15	650000	1@1	CP_64QAM	24.4	-2.95	21.45	139.64	1000	PASS
DC_12A_n78A	30	15	650000	1@36	CP_64QAM	24.49	-2.95	21.54	142.56	1000	PASS
DC_12A_n78A	30	15	650000	38@0	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
DC_12A_n78A	30	15	650000	19@9	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_12A_n78A	30	15	650000	1@1	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
DC_12A_n78A	30	15	650000	1@36	CP_256QAM	21.34	-2.95	18.39	69.02	1000	PASS



DC_12A_n78A	30	15	652832	36@0	DFT_BPSK	27.29	-2.95	24.34	271.64	1000	PASS
DC_12A_n78A	30	15	652832	18@9	DFT_BPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_12A_n78A	30	15	652832	1@1	DFT_BPSK	27.6	-2.95	24.65	291.74	1000	PASS
DC_12A_n78A	30	15	652832	1@36	DFT_BPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_12A_n78A	30	15	652832	36@0	DFT_QPSK	26.81	-2.95	23.86	243.22	1000	PASS
DC_12A_n78A	30	15	652832	18@9	DFT_QPSK	27.8	-2.95	24.85	305.49	1000	PASS
DC_12A_n78A	30	15	652832	1@1	DFT_QPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_12A_n78A	30	15	652832	1@36	DFT_QPSK	27.81	-2.95	24.86	306.2	1000	PASS
DC_12A_n78A	30	15	652832	36@0	DFT_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_12A_n78A	30	15	652832	18@9	DFT_16QAM	26.82	-2.95	23.87	243.78	1000	PASS
DC_12A_n78A	30	15	652832	1@1	DFT_16QAM	26.46	-2.95	23.51	224.39	1000	PASS
DC_12A_n78A	30	15	652832	1@36	DFT_16QAM	26.68	-2.95	23.73	236.05	1000	PASS
DC_12A_n78A	30	15	652832	36@0	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_12A_n78A	30	15	652832	18@9	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_12A_n78A	30	15	652832	1@1	DFT_64QAM	24.96	-2.95	22.01	158.85	1000	PASS
DC_12A_n78A	30	15	652832	1@36	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_12A_n78A	30	15	652832	36@0	DFT_256QAM	23.28	-2.95	20.33	107.89	1000	PASS
DC_12A_n78A	30	15	652832	18@9	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS
DC_12A_n78A	30	15	652832	1@1	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_12A_n78A	30	15	652832	1@36	DFT_256QAM	23.36	-2.95	20.41	109.9	1000	PASS
DC_12A_n78A	30	15	652832	38@0	CP_QPSK	24.8	-2.95	21.85	153.11	1000	PASS
DC_12A_n78A	30	15	652832	19@9	CP_QPSK	26.33	-2.95	23.38	217.77	1000	PASS
DC_12A_n78A	30	15	652832	1@1	CP_QPSK	26.13	-2.95	23.18	207.97	1000	PASS
DC_12A_n78A	30	15	652832	1@36	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	15	652832	38@0	CP_16QAM	24.85	-2.95	21.9	154.88	1000	PASS
DC_12A_n78A	30	15	652832	19@9	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
DC_12A_n78A	30	15	652832	1@1	CP_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_12A_n78A	30	15	652832	1@36	CP_16QAM	25.91	-2.95	22.96	197.7	1000	PASS
DC_12A_n78A	30	15	652832	38@0	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_12A_n78A	30	15	652832	19@9	CP_64QAM	24.36	-2.95	21.41	138.36	1000	PASS
DC_12A_n78A	30	15	652832	1@1	CP_64QAM	24.34	-2.95	21.39	137.72	1000	PASS
DC_12A_n78A	30	15	652832	1@36	CP_64QAM	24.49	-2.95	21.54	142.56	1000	PASS
DC_12A_n78A	30	15	652832	38@0	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
DC_12A_n78A	30	15	652832	19@9	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_12A_n78A	30	15	652832	1@1	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_12A_n78A	30	15	652832	1@36	CP_256QAM	21.36	-2.95	18.41	69.34	1000	PASS
DC_12A_n78A	30	20	647334	50@0	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_12A_n78A	30	20	647334	25@12	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_12A_n78A	30	20	647334	1@1	DFT_BPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_12A_n78A	30	20	647334	1@49	DFT_BPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_12A_n78A	30	20	647334	50@0	DFT_QPSK	26.65	-2.95	23.7	234.42	1000	PASS
DC_12A_n78A	30	20	647334	25@12	DFT_QPSK	27.68	-2.95	24.73	297.17	1000	PASS
DC_12A_n78A	30	20	647334	1@1	DFT_QPSK	27.55	-2.95	24.6	288.4	1000	PASS



DC_12A_n78A	30	20	647334	1@49	DFT_QPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_12A_n78A	30	20	647334	50@0	DFT_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_12A_n78A	30	20	647334	25@12	DFT_16QAM	26.66	-2.95	23.71	234.96	1000	PASS
DC_12A_n78A	30	20	647334	1@1	DFT_16QAM	26.37	-2.95	23.42	219.79	1000	PASS
DC_12A_n78A	30	20	647334	1@49	DFT_16QAM	26.31	-2.95	23.36	216.77	1000	PASS
DC_12A_n78A	30	20	647334	50@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_12A_n78A	30	20	647334	25@12	DFT_64QAM	25.15	-2.95	22.2	165.96	1000	PASS
DC_12A_n78A	30	20	647334	1@1	DFT_64QAM	24.89	-2.95	21.94	156.31	1000	PASS
DC_12A_n78A	30	20	647334	1@49	DFT_64QAM	24.81	-2.95	21.86	153.46	1000	PASS
DC_12A_n78A	30	20	647334	50@0	DFT_256QAM	23.07	-2.95	20.12	102.8	1000	PASS
DC_12A_n78A	30	20	647334	25@12	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_12A_n78A	30	20	647334	1@1	DFT_256QAM	23.11	-2.95	20.16	103.75	1000	PASS
DC_12A_n78A	30	20	647334	1@49	DFT_256QAM	22.95	-2.95	20	100	1000	PASS
DC_12A_n78A	30	20	647334	51@0	CP_QPSK	24.6	-2.95	21.65	146.22	1000	PASS
DC_12A_n78A	30	20	647334	25@12	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_12A_n78A	30	20	647334	1@1	CP_QPSK	26.04	-2.95	23.09	203.7	1000	PASS
DC_12A_n78A	30	20	647334	1@49	CP_QPSK	26.02	-2.95	23.07	202.77	1000	PASS
DC_12A_n78A	30	20	647334	51@0	CP_16QAM	24.61	-2.95	21.66	146.55	1000	PASS
DC_12A_n78A	30	20	647334	25@12	CP_16QAM	25.58	-2.95	22.63	183.23	1000	PASS
DC_12A_n78A	30	20	647334	1@1	CP_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_12A_n78A	30	20	647334	1@49	CP_16QAM	25.56	-2.95	22.61	182.39	1000	PASS
DC_12A_n78A	30	20	647334	51@0	CP_64QAM	24.05	-2.95	21.1	128.82	1000	PASS
DC_12A_n78A	30	20	647334	25@12	CP_64QAM	24.06	-2.95	21.11	129.12	1000	PASS
DC_12A_n78A	30	20	647334	1@1	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_12A_n78A	30	20	647334	1@49	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_12A_n78A	30	20	647334	51@0	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_12A_n78A	30	20	647334	25@12	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_12A_n78A	30	20	647334	1@1	CP_256QAM	21.05	-2.95	18.1	64.57	1000	PASS
DC_12A_n78A	30	20	647334	1@49	CP_256QAM	20.95	-2.95	18	63.1	1000	PASS
DC_12A_n78A	30	20	650000	50@0	DFT_BPSK	27.32	-2.95	24.37	273.53	1000	PASS
DC_12A_n78A	30	20	650000	25@12	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	20	650000	1@1	DFT_BPSK	27.6	-2.95	24.65	291.74	1000	PASS
DC_12A_n78A	30	20	650000	1@49	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_12A_n78A	30	20	650000	50@0	DFT_QPSK	26.83	-2.95	23.88	244.34	1000	PASS
DC_12A_n78A	30	20	650000	25@12	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_12A_n78A	30	20	650000	1@1	DFT_QPSK	27.66	-2.95	24.71	295.8	1000	PASS
DC_12A_n78A	30	20	650000	1@49	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_12A_n78A	30	20	650000	50@0	DFT_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
DC_12A_n78A	30	20	650000	25@12	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_12A_n78A	30	20	650000	1@1	DFT_16QAM	26.45	-2.95	23.5	223.87	1000	PASS
DC_12A_n78A	30	20	650000	1@49	DFT_16QAM	26.54	-2.95	23.59	228.56	1000	PASS
DC_12A_n78A	30	20	650000	50@0	DFT_64QAM	25.3	-2.95	22.35	171.79	1000	PASS
DC_12A_n78A	30	20	650000	25@12	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS



DC_12A_n78A	30	20	650000	1@1	DFT_64QAM	24.99	-2.95	22.04	159.96	1000	PASS
DC_12A_n78A	30	20	650000	1@49	DFT_64QAM	25.02	-2.95	22.07	161.06	1000	PASS
DC_12A_n78A	30	20	650000	50@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_12A_n78A	30	20	650000	25@12	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_12A_n78A	30	20	650000	1@1	DFT_256QAM	23.13	-2.95	20.18	104.23	1000	PASS
DC_12A_n78A	30	20	650000	1@49	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_12A_n78A	30	20	650000	51@0	CP_QPSK	24.76	-2.95	21.81	151.71	1000	PASS
DC_12A_n78A	30	20	650000	25@12	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
DC_12A_n78A	30	20	650000	1@1	CP_QPSK	26.13	-2.95	23.18	207.97	1000	PASS
DC_12A_n78A	30	20	650000	1@49	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_12A_n78A	30	20	650000	51@0	CP_16QAM	24.82	-2.95	21.87	153.82	1000	PASS
DC_12A_n78A	30	20	650000	25@12	CP_16QAM	25.73	-2.95	22.78	189.67	1000	PASS
DC_12A_n78A	30	20	650000	1@1	CP_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_12A_n78A	30	20	650000	1@49	CP_16QAM	25.85	-2.95	22.9	194.98	1000	PASS
DC_12A_n78A	30	20	650000	51@0	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_12A_n78A	30	20	650000	25@12	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_12A_n78A	30	20	650000	1@1	CP_64QAM	24.38	-2.95	21.43	139	1000	PASS
DC_12A_n78A	30	20	650000	1@49	CP_64QAM	24.44	-2.95	21.49	140.93	1000	PASS
DC_12A_n78A	30	20	650000	51@0	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_12A_n78A	30	20	650000	25@12	CP_256QAM	21.24	-2.95	18.29	67.45	1000	PASS
DC_12A_n78A	30	20	650000	1@1	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_12A_n78A	30	20	650000	1@49	CP_256QAM	21.28	-2.95	18.33	68.08	1000	PASS
DC_12A_n78A	30	20	652666	50@0	DFT_BPSK	27.25	-2.95	24.3	269.15	1000	PASS
DC_12A_n78A	30	20	652666	25@12	DFT_BPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_12A_n78A	30	20	652666	1@1	DFT_BPSK	27.5	-2.95	24.55	285.1	1000	PASS
DC_12A_n78A	30	20	652666	1@49	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_12A_n78A	30	20	652666	50@0	DFT_QPSK	26.78	-2.95	23.83	241.55	1000	PASS
DC_12A_n78A	30	20	652666	25@12	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_12A_n78A	30	20	652666	1@1	DFT_QPSK	27.53	-2.95	24.58	287.08	1000	PASS
DC_12A_n78A	30	20	652666	1@49	DFT_QPSK	27.81	-2.95	24.86	306.2	1000	PASS
DC_12A_n78A	30	20	652666	50@0	DFT_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
DC_12A_n78A	30	20	652666	25@12	DFT_16QAM	26.84	-2.95	23.89	244.91	1000	PASS
DC_12A_n78A	30	20	652666	1@1	DFT_16QAM	26.37	-2.95	23.42	219.79	1000	PASS
DC_12A_n78A	30	20	652666	1@49	DFT_16QAM	26.59	-2.95	23.64	231.21	1000	PASS
DC_12A_n78A	30	20	652666	50@0	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_12A_n78A	30	20	652666	25@12	DFT_64QAM	25.36	-2.95	22.41	174.18	1000	PASS
DC_12A_n78A	30	20	652666	1@1	DFT_64QAM	24.91	-2.95	21.96	157.04	1000	PASS
DC_12A_n78A	30	20	652666	1@49	DFT_64QAM	25.16	-2.95	22.21	166.34	1000	PASS
DC_12A_n78A	30	20	652666	50@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	20	652666	25@12	DFT_256QAM	23.32	-2.95	20.37	108.89	1000	PASS
DC_12A_n78A	30	20	652666	1@1	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_12A_n78A	30	20	652666	1@49	DFT_256QAM	23.33	-2.95	20.38	109.14	1000	PASS
DC_12A_n78A	30	20	652666	51@0	CP_QPSK	24.76	-2.95	21.81	151.71	1000	PASS



DC_12A_n78A	30	20	652666	25@12	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_12A_n78A	30	20	652666	1@1	CP_QPSK	26.02	-2.95	23.07	202.77	1000	PASS
DC_12A_n78A	30	20	652666	1@49	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	20	652666	51@0	CP_16QAM	24.79	-2.95	21.84	152.76	1000	PASS
DC_12A_n78A	30	20	652666	25@12	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_12A_n78A	30	20	652666	1@1	CP_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_12A_n78A	30	20	652666	1@49	CP_16QAM	25.92	-2.95	22.97	198.15	1000	PASS
DC_12A_n78A	30	20	652666	51@0	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	20	652666	25@12	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_12A_n78A	30	20	652666	1@1	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	20	652666	1@49	CP_64QAM	24.5	-2.95	21.55	142.89	1000	PASS
DC_12A_n78A	30	20	652666	51@0	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_12A_n78A	30	20	652666	25@12	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
DC_12A_n78A	30	20	652666	1@1	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_12A_n78A	30	20	652666	1@49	CP_256QAM	21.32	-2.95	18.37	68.71	1000	PASS
DC_12A_n78A	30	40	648000	100@0	DFT_BPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_12A_n78A	30	40	648000	50@25	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	40	648000	1@1	DFT_BPSK	27.19	-2.95	24.24	265.46	1000	PASS
DC_12A_n78A	30	40	648000	1@104	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_12A_n78A	30	40	648000	100@0	DFT_QPSK	26.63	-2.95	23.68	233.35	1000	PASS
DC_12A_n78A	30	40	648000	50@25	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_12A_n78A	30	40	648000	1@1	DFT_QPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_12A_n78A	30	40	648000	1@104	DFT_QPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_12A_n78A	30	40	648000	100@0	DFT_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_12A_n78A	30	40	648000	50@25	DFT_16QAM	26.71	-2.95	23.76	237.68	1000	PASS
DC_12A_n78A	30	40	648000	1@1	DFT_16QAM	26.13	-2.95	23.18	207.97	1000	PASS
DC_12A_n78A	30	40	648000	1@104	DFT_16QAM	26.06	-2.95	23.11	204.64	1000	PASS
DC_12A_n78A	30	40	648000	100@0	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_12A_n78A	30	40	648000	50@25	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_12A_n78A	30	40	648000	1@1	DFT_64QAM	24.57	-2.95	21.62	145.21	1000	PASS
DC_12A_n78A	30	40	648000	1@104	DFT_64QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_12A_n78A	30	40	648000	100@0	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_12A_n78A	30	40	648000	50@25	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_12A_n78A	30	40	648000	1@1	DFT_256QAM	22.77	-2.95	19.82	95.94	1000	PASS
DC_12A_n78A	30	40	648000	1@104	DFT_256QAM	22.76	-2.95	19.81	95.72	1000	PASS
DC_12A_n78A	30	40	648000	106@0	CP_QPSK	24.57	-2.95	21.62	145.21	1000	PASS
DC_12A_n78A	30	40	648000	53@26	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_12A_n78A	30	40	648000	1@1	CP_QPSK	25.7	-2.95	22.75	188.36	1000	PASS
DC_12A_n78A	30	40	648000	1@104	CP_QPSK	25.76	-2.95	22.81	190.99	1000	PASS
DC_12A_n78A	30	40	648000	106@0	CP_16QAM	24.55	-2.95	21.6	144.54	1000	PASS
DC_12A_n78A	30	40	648000	53@26	CP_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_12A_n78A	30	40	648000	1@1	CP_16QAM	25.35	-2.95	22.4	173.78	1000	PASS
DC_12A_n78A	30	40	648000	1@104	CP_16QAM	25.32	-2.95	22.37	172.58	1000	PASS



DC_12A_n78A	30	40	648000	106@0	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_12A_n78A	30	40	648000	53@26	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_12A_n78A	30	40	648000	1@1	CP_64QAM	23.95	-2.95	21	125.89	1000	PASS
DC_12A_n78A	30	40	648000	1@104	CP_64QAM	23.99	-2.95	21.04	127.06	1000	PASS
DC_12A_n78A	30	40	648000	106@0	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_12A_n78A	30	40	648000	53@26	CP_256QAM	21.18	-2.95	18.23	66.53	1000	PASS
DC_12A_n78A	30	40	648000	1@1	CP_256QAM	20.85	-2.95	17.9	61.66	1000	PASS
DC_12A_n78A	30	40	648000	1@104	CP_256QAM	20.83	-2.95	17.88	61.38	1000	PASS
DC_12A_n78A	30	40	650000	100@0	DFT_BPSK	27.2	-2.95	24.25	266.07	1000	PASS
DC_12A_n78A	30	40	650000	50@25	DFT_BPSK	27.81	-2.95	24.86	306.2	1000	PASS
DC_12A_n78A	30	40	650000	1@1	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_12A_n78A	30	40	650000	1@104	DFT_BPSK	27.41	-2.95	24.46	279.25	1000	PASS
DC_12A_n78A	30	40	650000	100@0	DFT_QPSK	26.71	-2.95	23.76	237.68	1000	PASS
DC_12A_n78A	30	40	650000	50@25	DFT_QPSK	27.83	-2.95	24.88	307.61	1000	PASS
DC_12A_n78A	30	40	650000	1@1	DFT_QPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_12A_n78A	30	40	650000	1@104	DFT_QPSK	27.43	-2.95	24.48	280.54	1000	PASS
DC_12A_n78A	30	40	650000	100@0	DFT_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_12A_n78A	30	40	650000	50@25	DFT_16QAM	26.81	-2.95	23.86	243.22	1000	PASS
DC_12A_n78A	30	40	650000	1@1	DFT_16QAM	26.1	-2.95	23.15	206.54	1000	PASS
DC_12A_n78A	30	40	650000	1@104	DFT_16QAM	26.29	-2.95	23.34	215.77	1000	PASS
DC_12A_n78A	30	40	650000	100@0	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_12A_n78A	30	40	650000	50@25	DFT_64QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_12A_n78A	30	40	650000	1@1	DFT_64QAM	24.61	-2.95	21.66	146.55	1000	PASS
DC_12A_n78A	30	40	650000	1@104	DFT_64QAM	24.81	-2.95	21.86	153.46	1000	PASS
DC_12A_n78A	30	40	650000	100@0	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_12A_n78A	30	40	650000	50@25	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS
DC_12A_n78A	30	40	650000	1@1	DFT_256QAM	22.71	-2.95	19.76	94.62	1000	PASS
DC_12A_n78A	30	40	650000	1@104	DFT_256QAM	22.95	-2.95	20	100	1000	PASS
DC_12A_n78A	30	40	650000	106@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS
DC_12A_n78A	30	40	650000	53@26	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	40	650000	1@1	CP_QPSK	25.79	-2.95	22.84	192.31	1000	PASS
DC_12A_n78A	30	40	650000	1@104	CP_QPSK	26	-2.95	23.05	201.84	1000	PASS
DC_12A_n78A	30	40	650000	106@0	CP_16QAM	24.67	-2.95	21.72	148.59	1000	PASS
DC_12A_n78A	30	40	650000	53@26	CP_16QAM	25.81	-2.95	22.86	193.2	1000	PASS
DC_12A_n78A	30	40	650000	1@1	CP_16QAM	25.39	-2.95	22.44	175.39	1000	PASS
DC_12A_n78A	30	40	650000	1@104	CP_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_12A_n78A	30	40	650000	106@0	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_12A_n78A	30	40	650000	53@26	CP_64QAM	24.26	-2.95	21.31	135.21	1000	PASS
DC_12A_n78A	30	40	650000	1@1	CP_64QAM	23.98	-2.95	21.03	126.77	1000	PASS
DC_12A_n78A	30	40	650000	1@104	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	40	650000	106@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_12A_n78A	30	40	650000	53@26	CP_256QAM	21.33	-2.95	18.38	68.87	1000	PASS
DC_12A_n78A	30	40	650000	1@1	CP_256QAM	20.88	-2.95	17.93	62.09	1000	PASS



DC_12A_n78A	30	40	650000	1@104	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_12A_n78A	30	40	652000	100@0	DFT_BPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_12A_n78A	30	40	652000	50@25	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	40	652000	1@1	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_12A_n78A	30	40	652000	1@104	DFT_BPSK	27.53	-2.95	24.58	287.08	1000	PASS
DC_12A_n78A	30	40	652000	100@0	DFT_QPSK	26.78	-2.95	23.83	241.55	1000	PASS
DC_12A_n78A	30	40	652000	50@25	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_12A_n78A	30	40	652000	1@1	DFT_QPSK	27.16	-2.95	24.21	263.63	1000	PASS
DC_12A_n78A	30	40	652000	1@104	DFT_QPSK	27.57	-2.95	24.62	289.73	1000	PASS
DC_12A_n78A	30	40	652000	100@0	DFT_16QAM	25.81	-2.95	22.86	193.2	1000	PASS
DC_12A_n78A	30	40	652000	50@25	DFT_16QAM	26.79	-2.95	23.84	242.1	1000	PASS
DC_12A_n78A	30	40	652000	1@1	DFT_16QAM	26	-2.95	23.05	201.84	1000	PASS
DC_12A_n78A	30	40	652000	1@104	DFT_16QAM	26.46	-2.95	23.51	224.39	1000	PASS
DC_12A_n78A	30	40	652000	100@0	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_12A_n78A	30	40	652000	50@25	DFT_64QAM	25.31	-2.95	22.36	172.19	1000	PASS
DC_12A_n78A	30	40	652000	1@1	DFT_64QAM	24.54	-2.95	21.59	144.21	1000	PASS
DC_12A_n78A	30	40	652000	1@104	DFT_64QAM	24.94	-2.95	21.99	158.12	1000	PASS
DC_12A_n78A	30	40	652000	100@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	40	652000	50@25	DFT_256QAM	23.26	-2.95	20.31	107.4	1000	PASS
DC_12A_n78A	30	40	652000	1@1	DFT_256QAM	22.7	-2.95	19.75	94.41	1000	PASS
DC_12A_n78A	30	40	652000	1@104	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_12A_n78A	30	40	652000	106@0	CP_QPSK	24.77	-2.95	21.82	152.05	1000	PASS
DC_12A_n78A	30	40	652000	53@26	CP_QPSK	26.29	-2.95	23.34	215.77	1000	PASS
DC_12A_n78A	30	40	652000	1@1	CP_QPSK	25.67	-2.95	22.72	187.07	1000	PASS
DC_12A_n78A	30	40	652000	1@104	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_12A_n78A	30	40	652000	106@0	CP_16QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_12A_n78A	30	40	652000	53@26	CP_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_12A_n78A	30	40	652000	1@1	CP_16QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_12A_n78A	30	40	652000	1@104	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_12A_n78A	30	40	652000	106@0	CP_64QAM	24.29	-2.95	21.34	136.14	1000	PASS
DC_12A_n78A	30	40	652000	53@26	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
DC_12A_n78A	30	40	652000	1@1	CP_64QAM	23.89	-2.95	20.94	124.17	1000	PASS
DC_12A_n78A	30	40	652000	1@104	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
DC_12A_n78A	30	40	652000	106@0	CP_256QAM	21.26	-2.95	18.31	67.76	1000	PASS
DC_12A_n78A	30	40	652000	53@26	CP_256QAM	21.3	-2.95	18.35	68.39	1000	PASS
DC_12A_n78A	30	40	652000	1@1	CP_256QAM	20.73	-2.95	17.78	59.98	1000	PASS
DC_12A_n78A	30	40	652000	1@104	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_12A_n78A	30	50	648334	128@0	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_12A_n78A	30	50	648334	64@32	DFT_BPSK	27.65	-2.95	24.7	295.12	1000	PASS
DC_12A_n78A	30	50	648334	1@1	DFT_BPSK	27.4	-2.95	24.45	278.61	1000	PASS
DC_12A_n78A	30	50	648334	1@131	DFT_BPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_12A_n78A	30	50	648334	128@0	DFT_QPSK	26.66	-2.95	23.71	234.96	1000	PASS
DC_12A_n78A	30	50	648334	64@32	DFT_QPSK	27.67	-2.95	24.72	296.48	1000	PASS



DC_12A_n78A	30	50	648334	1@1	DFT_QPSK	27.44	-2.95	24.49	281.19	1000	PASS
DC_12A_n78A	30	50	648334	1@131	DFT_QPSK	27.48	-2.95	24.53	283.79	1000	PASS
DC_12A_n78A	30	50	648334	128@0	DFT_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_12A_n78A	30	50	648334	64@32	DFT_16QAM	26.69	-2.95	23.74	236.59	1000	PASS
DC_12A_n78A	30	50	648334	1@1	DFT_16QAM	26.25	-2.95	23.3	213.8	1000	PASS
DC_12A_n78A	30	50	648334	1@131	DFT_16QAM	26.3	-2.95	23.35	216.27	1000	PASS
DC_12A_n78A	30	50	648334	128@0	DFT_64QAM	25.18	-2.95	22.23	167.11	1000	PASS
DC_12A_n78A	30	50	648334	64@32	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_12A_n78A	30	50	648334	1@1	DFT_64QAM	24.83	-2.95	21.88	154.17	1000	PASS
DC_12A_n78A	30	50	648334	1@131	DFT_64QAM	24.85	-2.95	21.9	154.88	1000	PASS
DC_12A_n78A	30	50	648334	128@0	DFT_256QAM	23.12	-2.95	20.17	103.99	1000	PASS
DC_12A_n78A	30	50	648334	64@32	DFT_256QAM	23.16	-2.95	20.21	104.95	1000	PASS
DC_12A_n78A	30	50	648334	1@1	DFT_256QAM	22.9	-2.95	19.95	98.86	1000	PASS
DC_12A_n78A	30	50	648334	1@131	DFT_256QAM	23	-2.95	20.05	101.16	1000	PASS
DC_12A_n78A	30	50	648334	133@0	CP_QPSK	24.64	-2.95	21.69	147.57	1000	PASS
DC_12A_n78A	30	50	648334	67@33	CP_QPSK	26.15	-2.95	23.2	208.93	1000	PASS
DC_12A_n78A	30	50	648334	1@1	CP_QPSK	26.02	-2.95	23.07	202.77	1000	PASS
DC_12A_n78A	30	50	648334	1@131	CP_QPSK	26.04	-2.95	23.09	203.7	1000	PASS
DC_12A_n78A	30	50	648334	133@0	CP_16QAM	24.67	-2.95	21.72	148.59	1000	PASS
DC_12A_n78A	30	50	648334	67@33	CP_16QAM	25.65	-2.95	22.7	186.21	1000	PASS
DC_12A_n78A	30	50	648334	1@1	CP_16QAM	25.5	-2.95	22.55	179.89	1000	PASS
DC_12A_n78A	30	50	648334	1@131	CP_16QAM	25.61	-2.95	22.66	184.5	1000	PASS
DC_12A_n78A	30	50	648334	133@0	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_12A_n78A	30	50	648334	67@33	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_12A_n78A	30	50	648334	1@1	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_12A_n78A	30	50	648334	1@131	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_12A_n78A	30	50	648334	133@0	CP_256QAM	21.1	-2.95	18.15	65.31	1000	PASS
DC_12A_n78A	30	50	648334	67@33	CP_256QAM	21.11	-2.95	18.16	65.46	1000	PASS
DC_12A_n78A	30	50	648334	1@1	CP_256QAM	20.91	-2.95	17.96	62.52	1000	PASS
DC_12A_n78A	30	50	648334	1@131	CP_256QAM	20.97	-2.95	18.02	63.39	1000	PASS
DC_12A_n78A	30	50	650000	128@0	DFT_BPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_12A_n78A	30	50	650000	64@32	DFT_BPSK	27.85	-2.95	24.9	309.03	1000	PASS
DC_12A_n78A	30	50	650000	1@1	DFT_BPSK	27.46	-2.95	24.51	282.49	1000	PASS
DC_12A_n78A	30	50	650000	1@131	DFT_BPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_12A_n78A	30	50	650000	128@0	DFT_QPSK	26.74	-2.95	23.79	239.33	1000	PASS
DC_12A_n78A	30	50	650000	64@32	DFT_QPSK	27.87	-2.95	24.92	310.46	1000	PASS
DC_12A_n78A	30	50	650000	1@1	DFT_QPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_12A_n78A	30	50	650000	1@131	DFT_QPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_12A_n78A	30	50	650000	128@0	DFT_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_12A_n78A	30	50	650000	64@32	DFT_16QAM	26.87	-2.95	23.92	246.6	1000	PASS
DC_12A_n78A	30	50	650000	1@1	DFT_16QAM	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	50	650000	1@131	DFT_16QAM	26.56	-2.95	23.61	229.61	1000	PASS
DC_12A_n78A	30	50	650000	128@0	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS



DC_12A_n78A	30	50	650000	64@32	DFT_64QAM	25.33	-2.95	22.38	172.98	1000	PASS
DC_12A_n78A	30	50	650000	1@1	DFT_64QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_12A_n78A	30	50	650000	1@131	DFT_64QAM	25.05	-2.95	22.1	162.18	1000	PASS
DC_12A_n78A	30	50	650000	128@0	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS
DC_12A_n78A	30	50	650000	64@32	DFT_256QAM	23.34	-2.95	20.39	109.4	1000	PASS
DC_12A_n78A	30	50	650000	1@1	DFT_256QAM	22.92	-2.95	19.97	99.31	1000	PASS
DC_12A_n78A	30	50	650000	1@131	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	50	650000	133@0	CP_QPSK	24.72	-2.95	21.77	150.31	1000	PASS
DC_12A_n78A	30	50	650000	67@33	CP_QPSK	26.28	-2.95	23.33	215.28	1000	PASS
DC_12A_n78A	30	50	650000	1@1	CP_QPSK	26.01	-2.95	23.06	202.3	1000	PASS
DC_12A_n78A	30	50	650000	1@131	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_12A_n78A	30	50	650000	133@0	CP_16QAM	24.78	-2.95	21.83	152.41	1000	PASS
DC_12A_n78A	30	50	650000	67@33	CP_16QAM	25.82	-2.95	22.87	193.64	1000	PASS
DC_12A_n78A	30	50	650000	1@1	CP_16QAM	25.57	-2.95	22.62	182.81	1000	PASS
DC_12A_n78A	30	50	650000	1@131	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_12A_n78A	30	50	650000	133@0	CP_64QAM	24.25	-2.95	21.3	134.9	1000	PASS
DC_12A_n78A	30	50	650000	67@33	CP_64QAM	24.33	-2.95	21.38	137.4	1000	PASS
DC_12A_n78A	30	50	650000	1@1	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_12A_n78A	30	50	650000	1@131	CP_64QAM	24.45	-2.95	21.5	141.25	1000	PASS
DC_12A_n78A	30	50	650000	133@0	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_12A_n78A	30	50	650000	67@33	CP_256QAM	21.25	-2.95	18.3	67.61	1000	PASS
DC_12A_n78A	30	50	650000	1@1	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_12A_n78A	30	50	650000	1@131	CP_256QAM	21.29	-2.95	18.34	68.23	1000	PASS
DC_12A_n78A	30	50	651666	128@0	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_12A_n78A	30	50	651666	64@32	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_12A_n78A	30	50	651666	1@1	DFT_BPSK	27.28	-2.95	24.33	271.02	1000	PASS
DC_12A_n78A	30	50	651666	1@131	DFT_BPSK	27.76	-2.95	24.81	302.69	1000	PASS
DC_12A_n78A	30	50	651666	128@0	DFT_QPSK	26.79	-2.95	23.84	242.1	1000	PASS
DC_12A_n78A	30	50	651666	64@32	DFT_QPSK	27.82	-2.95	24.87	306.9	1000	PASS
DC_12A_n78A	30	50	651666	1@1	DFT_QPSK	27.28	-2.95	24.33	271.02	1000	PASS
DC_12A_n78A	30	50	651666	1@131	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_12A_n78A	30	50	651666	128@0	DFT_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_12A_n78A	30	50	651666	64@32	DFT_16QAM	26.83	-2.95	23.88	244.34	1000	PASS
DC_12A_n78A	30	50	651666	1@1	DFT_16QAM	26.15	-2.95	23.2	208.93	1000	PASS
DC_12A_n78A	30	50	651666	1@131	DFT_16QAM	26.65	-2.95	23.7	234.42	1000	PASS
DC_12A_n78A	30	50	651666	128@0	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_12A_n78A	30	50	651666	64@32	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_12A_n78A	30	50	651666	1@1	DFT_64QAM	24.69	-2.95	21.74	149.28	1000	PASS
DC_12A_n78A	30	50	651666	1@131	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_12A_n78A	30	50	651666	128@0	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_12A_n78A	30	50	651666	64@32	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_12A_n78A	30	50	651666	1@1	DFT_256QAM	22.83	-2.95	19.88	97.27	1000	PASS
DC_12A_n78A	30	50	651666	1@131	DFT_256QAM	23.31	-2.95	20.36	108.64	1000	PASS



DC_12A_n78A	30	50	651666	133@0	CP_QPSK	24.76	-2.95	21.81	151.71	1000	PASS
DC_12A_n78A	30	50	651666	67@33	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	50	651666	1@1	CP_QPSK	25.84	-2.95	22.89	194.54	1000	PASS
DC_12A_n78A	30	50	651666	1@131	CP_QPSK	26.31	-2.95	23.36	216.77	1000	PASS
DC_12A_n78A	30	50	651666	133@0	CP_16QAM	24.72	-2.95	21.77	150.31	1000	PASS
DC_12A_n78A	30	50	651666	67@33	CP_16QAM	25.78	-2.95	22.83	191.87	1000	PASS
DC_12A_n78A	30	50	651666	1@1	CP_16QAM	25.44	-2.95	22.49	177.42	1000	PASS
DC_12A_n78A	30	50	651666	1@131	CP_16QAM	25.94	-2.95	22.99	199.07	1000	PASS
DC_12A_n78A	30	50	651666	133@0	CP_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_12A_n78A	30	50	651666	67@33	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
DC_12A_n78A	30	50	651666	1@1	CP_64QAM	24.03	-2.95	21.08	128.23	1000	PASS
DC_12A_n78A	30	50	651666	1@131	CP_64QAM	24.5	-2.95	21.55	142.89	1000	PASS
DC_12A_n78A	30	50	651666	133@0	CP_256QAM	21.2	-2.95	18.25	66.83	1000	PASS
DC_12A_n78A	30	50	651666	67@33	CP_256QAM	21.22	-2.95	18.27	67.14	1000	PASS
DC_12A_n78A	30	50	651666	1@1	CP_256QAM	20.91	-2.95	17.96	62.52	1000	PASS
DC_12A_n78A	30	50	651666	1@131	CP_256QAM	21.4	-2.95	18.45	69.98	1000	PASS
DC_12A_n78A	30	60	648668	162@0	DFT_BPSK	27.09	-2.95	24.14	259.42	1000	PASS
DC_12A_n78A	30	60	648668	81@40	DFT_BPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_12A_n78A	30	60	648668	1@1	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_12A_n78A	30	60	648668	1@160	DFT_BPSK	27.36	-2.95	24.41	276.06	1000	PASS
DC_12A_n78A	30	60	648668	162@0	DFT_QPSK	26.57	-2.95	23.62	230.14	1000	PASS
DC_12A_n78A	30	60	648668	81@40	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_12A_n78A	30	60	648668	1@1	DFT_QPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_12A_n78A	30	60	648668	1@160	DFT_QPSK	27.38	-2.95	24.43	277.33	1000	PASS
DC_12A_n78A	30	60	648668	162@0	DFT_16QAM	25.6	-2.95	22.65	184.08	1000	PASS
DC_12A_n78A	30	60	648668	81@40	DFT_16QAM	26.68	-2.95	23.73	236.05	1000	PASS
DC_12A_n78A	30	60	648668	1@1	DFT_16QAM	26.12	-2.95	23.17	207.49	1000	PASS
DC_12A_n78A	30	60	648668	1@160	DFT_16QAM	26.16	-2.95	23.21	209.41	1000	PASS
DC_12A_n78A	30	60	648668	162@0	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_12A_n78A	30	60	648668	81@40	DFT_64QAM	25.16	-2.95	22.21	166.34	1000	PASS
DC_12A_n78A	30	60	648668	1@1	DFT_64QAM	24.62	-2.95	21.67	146.89	1000	PASS
DC_12A_n78A	30	60	648668	1@160	DFT_64QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_12A_n78A	30	60	648668	162@0	DFT_256QAM	23.04	-2.95	20.09	102.09	1000	PASS
DC_12A_n78A	30	60	648668	81@40	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_12A_n78A	30	60	648668	1@1	DFT_256QAM	22.8	-2.95	19.85	96.61	1000	PASS
DC_12A_n78A	30	60	648668	1@160	DFT_256QAM	22.9	-2.95	19.95	98.86	1000	PASS
DC_12A_n78A	30	60	648668	162@0	CP_QPSK	24.51	-2.95	21.56	143.22	1000	PASS
DC_12A_n78A	30	60	648668	81@40	CP_QPSK	26.09	-2.95	23.14	206.06	1000	PASS
DC_12A_n78A	30	60	648668	1@1	CP_QPSK	25.79	-2.95	22.84	192.31	1000	PASS
DC_12A_n78A	30	60	648668	1@160	CP_QPSK	25.87	-2.95	22.92	195.88	1000	PASS
DC_12A_n78A	30	60	648668	162@0	CP_16QAM	24.54	-2.95	21.59	144.21	1000	PASS
DC_12A_n78A	30	60	648668	81@40	CP_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_12A_n78A	30	60	648668	1@1	CP_16QAM	25.42	-2.95	22.47	176.6	1000	PASS



DC_12A_n78A	30	60	648668	1@160	CP_16QAM	25.49	-2.95	22.54	179.47	1000	PASS
DC_12A_n78A	30	60	648668	162@0	CP_64QAM	24.04	-2.95	21.09	128.53	1000	PASS
DC_12A_n78A	30	60	648668	81@40	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_12A_n78A	30	60	648668	1@1	CP_64QAM	24	-2.95	21.05	127.35	1000	PASS
DC_12A_n78A	30	60	648668	1@160	CP_64QAM	24.03	-2.95	21.08	128.23	1000	PASS
DC_12A_n78A	30	60	648668	162@0	CP_256QAM	20.97	-2.95	18.02	63.39	1000	PASS
DC_12A_n78A	30	60	648668	81@40	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_12A_n78A	30	60	648668	1@1	CP_256QAM	20.82	-2.95	17.87	61.24	1000	PASS
DC_12A_n78A	30	60	648668	1@160	CP_256QAM	20.89	-2.95	17.94	62.23	1000	PASS
DC_12A_n78A	30	60	650000	162@0	DFT_BPSK	27.22	-2.95	24.27	267.3	1000	PASS
DC_12A_n78A	30	60	650000	81@40	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	60	650000	1@1	DFT_BPSK	27.3	-2.95	24.35	272.27	1000	PASS
DC_12A_n78A	30	60	650000	1@160	DFT_BPSK	27.58	-2.95	24.63	290.4	1000	PASS
DC_12A_n78A	30	60	650000	162@0	DFT_QPSK	26.75	-2.95	23.8	239.88	1000	PASS
DC_12A_n78A	30	60	650000	81@40	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	60	650000	1@1	DFT_QPSK	27.31	-2.95	24.36	272.9	1000	PASS
DC_12A_n78A	30	60	650000	1@160	DFT_QPSK	27.63	-2.95	24.68	293.76	1000	PASS
DC_12A_n78A	30	60	650000	162@0	DFT_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_12A_n78A	30	60	650000	81@40	DFT_16QAM	26.81	-2.95	23.86	243.22	1000	PASS
DC_12A_n78A	30	60	650000	1@1	DFT_16QAM	26.12	-2.95	23.17	207.49	1000	PASS
DC_12A_n78A	30	60	650000	1@160	DFT_16QAM	26.45	-2.95	23.5	223.87	1000	PASS
DC_12A_n78A	30	60	650000	162@0	DFT_64QAM	25.28	-2.95	22.33	171	1000	PASS
DC_12A_n78A	30	60	650000	81@40	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_12A_n78A	30	60	650000	1@1	DFT_64QAM	24.64	-2.95	21.69	147.57	1000	PASS
DC_12A_n78A	30	60	650000	1@160	DFT_64QAM	25.01	-2.95	22.06	160.69	1000	PASS
DC_12A_n78A	30	60	650000	162@0	DFT_256QAM	23.22	-2.95	20.27	106.41	1000	PASS
DC_12A_n78A	30	60	650000	81@40	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_12A_n78A	30	60	650000	1@1	DFT_256QAM	22.8	-2.95	19.85	96.61	1000	PASS
DC_12A_n78A	30	60	650000	1@160	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_12A_n78A	30	60	650000	162@0	CP_QPSK	24.7	-2.95	21.75	149.62	1000	PASS
DC_12A_n78A	30	60	650000	81@40	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_12A_n78A	30	60	650000	1@1	CP_QPSK	25.86	-2.95	22.91	195.43	1000	PASS
DC_12A_n78A	30	60	650000	1@160	CP_QPSK	26.17	-2.95	23.22	209.89	1000	PASS
DC_12A_n78A	30	60	650000	162@0	CP_16QAM	24.73	-2.95	21.78	150.66	1000	PASS
DC_12A_n78A	30	60	650000	81@40	CP_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_12A_n78A	30	60	650000	1@1	CP_16QAM	25.4	-2.95	22.45	175.79	1000	PASS
DC_12A_n78A	30	60	650000	1@160	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_12A_n78A	30	60	650000	162@0	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	60	650000	81@40	CP_64QAM	24.31	-2.95	21.36	136.77	1000	PASS
DC_12A_n78A	30	60	650000	1@1	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_12A_n78A	30	60	650000	1@160	CP_64QAM	24.41	-2.95	21.46	139.96	1000	PASS
DC_12A_n78A	30	60	650000	162@0	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_12A_n78A	30	60	650000	81@40	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS



DC_12A_n78A	30	60	650000	1@1	CP_256QAM	20.96	-2.95	18.01	63.24	1000	PASS
DC_12A_n78A	30	60	650000	1@160	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_12A_n78A	30	60	651332	162@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_12A_n78A	30	60	651332	81@40	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_12A_n78A	30	60	651332	1@1	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_12A_n78A	30	60	651332	1@160	DFT_BPSK	27.69	-2.95	24.74	297.85	1000	PASS
DC_12A_n78A	30	60	651332	162@0	DFT_QPSK	26.71	-2.95	23.76	237.68	1000	PASS
DC_12A_n78A	30	60	651332	81@40	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	60	651332	1@1	DFT_QPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_12A_n78A	30	60	651332	1@160	DFT_QPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_12A_n78A	30	60	651332	162@0	DFT_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_12A_n78A	30	60	651332	81@40	DFT_16QAM	26.77	-2.95	23.82	240.99	1000	PASS
DC_12A_n78A	30	60	651332	1@1	DFT_16QAM	25.99	-2.95	23.04	201.37	1000	PASS
DC_12A_n78A	30	60	651332	1@160	DFT_16QAM	26.56	-2.95	23.61	229.61	1000	PASS
DC_12A_n78A	30	60	651332	162@0	DFT_64QAM	25.27	-2.95	22.32	170.61	1000	PASS
DC_12A_n78A	30	60	651332	81@40	DFT_64QAM	25.24	-2.95	22.29	169.43	1000	PASS
DC_12A_n78A	30	60	651332	1@1	DFT_64QAM	24.56	-2.95	21.61	144.88	1000	PASS
DC_12A_n78A	30	60	651332	1@160	DFT_64QAM	25.07	-2.95	22.12	162.93	1000	PASS
DC_12A_n78A	30	60	651332	162@0	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_12A_n78A	30	60	651332	81@40	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	60	651332	1@1	DFT_256QAM	22.72	-2.95	19.77	94.84	1000	PASS
DC_12A_n78A	30	60	651332	1@160	DFT_256QAM	23.27	-2.95	20.32	107.65	1000	PASS
DC_12A_n78A	30	60	651332	162@0	CP_QPSK	24.7	-2.95	21.75	149.62	1000	PASS
DC_12A_n78A	30	60	651332	81@40	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_12A_n78A	30	60	651332	1@1	CP_QPSK	25.72	-2.95	22.77	189.23	1000	PASS
DC_12A_n78A	30	60	651332	1@160	CP_QPSK	26.26	-2.95	23.31	214.29	1000	PASS
DC_12A_n78A	30	60	651332	162@0	CP_16QAM	24.71	-2.95	21.76	149.97	1000	PASS
DC_12A_n78A	30	60	651332	81@40	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_12A_n78A	30	60	651332	1@1	CP_16QAM	25.32	-2.95	22.37	172.58	1000	PASS
DC_12A_n78A	30	60	651332	1@160	CP_16QAM	25.86	-2.95	22.91	195.43	1000	PASS
DC_12A_n78A	30	60	651332	162@0	CP_64QAM	24.2	-2.95	21.25	133.35	1000	PASS
DC_12A_n78A	30	60	651332	81@40	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_12A_n78A	30	60	651332	1@1	CP_64QAM	23.91	-2.95	20.96	124.74	1000	PASS
DC_12A_n78A	30	60	651332	1@160	CP_64QAM	24.42	-2.95	21.47	140.28	1000	PASS
DC_12A_n78A	30	60	651332	162@0	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_12A_n78A	30	60	651332	81@40	CP_256QAM	21.21	-2.95	18.26	66.99	1000	PASS
DC_12A_n78A	30	60	651332	1@1	CP_256QAM	20.73	-2.95	17.78	59.98	1000	PASS
DC_12A_n78A	30	60	651332	1@160	CP_256QAM	21.31	-2.95	18.36	68.55	1000	PASS
DC_12A_n78A	30	70	649000	180@0	DFT_BPSK	27.19	-2.95	24.24	265.46	1000	PASS
DC_12A_n78A	30	70	649000	90@45	DFT_BPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_12A_n78A	30	70	649000	1@1	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_12A_n78A	30	70	649000	1@187	DFT_BPSK	27.32	-2.95	24.37	273.53	1000	PASS
DC_12A_n78A	30	70	649000	180@0	DFT_QPSK	26.68	-2.95	23.73	236.05	1000	PASS



DC_12A_n78A	30	70	649000	90@45	DFT_QPSK	27.75	-2.95	24.8	302	1000	PASS
DC_12A_n78A	30	70	649000	1@1	DFT_QPSK	27.27	-2.95	24.32	270.4	1000	PASS
DC_12A_n78A	30	70	649000	1@187	DFT_QPSK	27.44	-2.95	24.49	281.19	1000	PASS
DC_12A_n78A	30	70	649000	180@0	DFT_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_12A_n78A	30	70	649000	90@45	DFT_16QAM	26.73	-2.95	23.78	238.78	1000	PASS
DC_12A_n78A	30	70	649000	1@1	DFT_16QAM	26.07	-2.95	23.12	205.12	1000	PASS
DC_12A_n78A	30	70	649000	1@187	DFT_16QAM	26.24	-2.95	23.29	213.3	1000	PASS
DC_12A_n78A	30	70	649000	180@0	DFT_64QAM	25.16	-2.95	22.21	166.34	1000	PASS
DC_12A_n78A	30	70	649000	90@45	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
DC_12A_n78A	30	70	649000	1@1	DFT_64QAM	24.53	-2.95	21.58	143.88	1000	PASS
DC_12A_n78A	30	70	649000	1@187	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_12A_n78A	30	70	649000	180@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	70	649000	90@45	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	70	649000	1@1	DFT_256QAM	22.71	-2.95	19.76	94.62	1000	PASS
DC_12A_n78A	30	70	649000	1@187	DFT_256QAM	22.88	-2.95	19.93	98.4	1000	PASS
DC_12A_n78A	30	70	649000	189@0	CP_QPSK	24.59	-2.95	21.64	145.88	1000	PASS
DC_12A_n78A	30	70	649000	95@47	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_12A_n78A	30	70	649000	1@1	CP_QPSK	25.83	-2.95	22.88	194.09	1000	PASS
DC_12A_n78A	30	70	649000	1@187	CP_QPSK	26.01	-2.95	23.06	202.3	1000	PASS
DC_12A_n78A	30	70	649000	189@0	CP_16QAM	24.61	-2.95	21.66	146.55	1000	PASS
DC_12A_n78A	30	70	649000	95@47	CP_16QAM	25.75	-2.95	22.8	190.55	1000	PASS
DC_12A_n78A	30	70	649000	1@1	CP_16QAM	25.36	-2.95	22.41	174.18	1000	PASS
DC_12A_n78A	30	70	649000	1@187	CP_16QAM	25.59	-2.95	22.64	183.65	1000	PASS
DC_12A_n78A	30	70	649000	189@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_12A_n78A	30	70	649000	95@47	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_12A_n78A	30	70	649000	1@1	CP_64QAM	23.97	-2.95	21.02	126.47	1000	PASS
DC_12A_n78A	30	70	649000	1@187	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_12A_n78A	30	70	649000	189@0	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_12A_n78A	30	70	649000	95@47	CP_256QAM	21.12	-2.95	18.17	65.61	1000	PASS
DC_12A_n78A	30	70	649000	1@1	CP_256QAM	20.69	-2.95	17.74	59.43	1000	PASS
DC_12A_n78A	30	70	649000	1@187	CP_256QAM	20.87	-2.95	17.92	61.94	1000	PASS
DC_12A_n78A	30	70	650000	180@0	DFT_BPSK	27.21	-2.95	24.26	266.69	1000	PASS
DC_12A_n78A	30	70	650000	90@45	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	70	650000	1@1	DFT_BPSK	27.16	-2.95	24.21	263.63	1000	PASS
DC_12A_n78A	30	70	650000	1@187	DFT_BPSK	27.48	-2.95	24.53	283.79	1000	PASS
DC_12A_n78A	30	70	650000	180@0	DFT_QPSK	26.7	-2.95	23.75	237.14	1000	PASS
DC_12A_n78A	30	70	650000	90@45	DFT_QPSK	27.74	-2.95	24.79	301.3	1000	PASS
DC_12A_n78A	30	70	650000	1@1	DFT_QPSK	27.19	-2.95	24.24	265.46	1000	PASS
DC_12A_n78A	30	70	650000	1@187	DFT_QPSK	27.54	-2.95	24.59	287.74	1000	PASS
DC_12A_n78A	30	70	650000	180@0	DFT_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_12A_n78A	30	70	650000	90@45	DFT_16QAM	26.77	-2.95	23.82	240.99	1000	PASS
DC_12A_n78A	30	70	650000	1@1	DFT_16QAM	26.02	-2.95	23.07	202.77	1000	PASS
DC_12A_n78A	30	70	650000	1@187	DFT_16QAM	26.36	-2.95	23.41	219.28	1000	PASS



DC_12A_n78A	30	70	650000	180@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
DC_12A_n78A	30	70	650000	90@45	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_12A_n78A	30	70	650000	1@1	DFT_64QAM	24.52	-2.95	21.57	143.55	1000	PASS
DC_12A_n78A	30	70	650000	1@187	DFT_64QAM	24.87	-2.95	21.92	155.6	1000	PASS
DC_12A_n78A	30	70	650000	180@0	DFT_256QAM	23.21	-2.95	20.26	106.17	1000	PASS
DC_12A_n78A	30	70	650000	90@45	DFT_256QAM	23.25	-2.95	20.3	107.15	1000	PASS
DC_12A_n78A	30	70	650000	1@1	DFT_256QAM	22.7	-2.95	19.75	94.41	1000	PASS
DC_12A_n78A	30	70	650000	1@187	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_12A_n78A	30	70	650000	189@0	CP_QPSK	24.69	-2.95	21.74	149.28	1000	PASS
DC_12A_n78A	30	70	650000	95@47	CP_QPSK	26.27	-2.95	23.32	214.78	1000	PASS
DC_12A_n78A	30	70	650000	1@1	CP_QPSK	25.77	-2.95	22.82	191.43	1000	PASS
DC_12A_n78A	30	70	650000	1@187	CP_QPSK	26.08	-2.95	23.13	205.59	1000	PASS
DC_12A_n78A	30	70	650000	189@0	CP_16QAM	24.66	-2.95	21.71	148.25	1000	PASS
DC_12A_n78A	30	70	650000	95@47	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_12A_n78A	30	70	650000	1@1	CP_16QAM	25.39	-2.95	22.44	175.39	1000	PASS
DC_12A_n78A	30	70	650000	1@187	CP_16QAM	25.72	-2.95	22.77	189.23	1000	PASS
DC_12A_n78A	30	70	650000	189@0	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_12A_n78A	30	70	650000	95@47	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_12A_n78A	30	70	650000	1@1	CP_64QAM	23.92	-2.95	20.97	125.03	1000	PASS
DC_12A_n78A	30	70	650000	1@187	CP_64QAM	24.28	-2.95	21.33	135.83	1000	PASS
DC_12A_n78A	30	70	650000	189@0	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_12A_n78A	30	70	650000	95@47	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_12A_n78A	30	70	650000	1@1	CP_256QAM	20.75	-2.95	17.8	60.26	1000	PASS
DC_12A_n78A	30	70	650000	1@187	CP_256QAM	21.08	-2.95	18.13	65.01	1000	PASS
DC_12A_n78A	30	70	651000	180@0	DFT_BPSK	27.24	-2.95	24.29	268.53	1000	PASS
DC_12A_n78A	30	70	651000	90@45	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	70	651000	1@1	DFT_BPSK	27.03	-2.95	24.08	255.86	1000	PASS
DC_12A_n78A	30	70	651000	1@187	DFT_BPSK	27.62	-2.95	24.67	293.09	1000	PASS
DC_12A_n78A	30	70	651000	180@0	DFT_QPSK	26.73	-2.95	23.78	238.78	1000	PASS
DC_12A_n78A	30	70	651000	90@45	DFT_QPSK	27.81	-2.95	24.86	306.2	1000	PASS
DC_12A_n78A	30	70	651000	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_12A_n78A	30	70	651000	1@187	DFT_QPSK	27.64	-2.95	24.69	294.44	1000	PASS
DC_12A_n78A	30	70	651000	180@0	DFT_16QAM	25.7	-2.95	22.75	188.36	1000	PASS
DC_12A_n78A	30	70	651000	90@45	DFT_16QAM	26.78	-2.95	23.83	241.55	1000	PASS
DC_12A_n78A	30	70	651000	1@1	DFT_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_12A_n78A	30	70	651000	1@187	DFT_16QAM	26.5	-2.95	23.55	226.46	1000	PASS
DC_12A_n78A	30	70	651000	180@0	DFT_64QAM	25.21	-2.95	22.26	168.27	1000	PASS
DC_12A_n78A	30	70	651000	90@45	DFT_64QAM	25.31	-2.95	22.36	172.19	1000	PASS
DC_12A_n78A	30	70	651000	1@1	DFT_64QAM	24.39	-2.95	21.44	139.32	1000	PASS
DC_12A_n78A	30	70	651000	1@187	DFT_64QAM	25.01	-2.95	22.06	160.69	1000	PASS
DC_12A_n78A	30	70	651000	180@0	DFT_256QAM	23.2	-2.95	20.25	105.93	1000	PASS
DC_12A_n78A	30	70	651000	90@45	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_12A_n78A	30	70	651000	1@1	DFT_256QAM	22.59	-2.95	19.64	92.04	1000	PASS



DC_12A_n78A	30	70	651000	1@187	DFT_256QAM	23.17	-2.95	20.22	105.2	1000	PASS
DC_12A_n78A	30	70	651000	189@0	CP_QPSK	24.68	-2.95	21.73	148.94	1000	PASS
DC_12A_n78A	30	70	651000	95@47	CP_QPSK	26.31	-2.95	23.36	216.77	1000	PASS
DC_12A_n78A	30	70	651000	1@1	CP_QPSK	25.63	-2.95	22.68	185.35	1000	PASS
DC_12A_n78A	30	70	651000	1@187	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_12A_n78A	30	70	651000	189@0	CP_16QAM	24.66	-2.95	21.71	148.25	1000	PASS
DC_12A_n78A	30	70	651000	95@47	CP_16QAM	25.8	-2.95	22.85	192.75	1000	PASS
DC_12A_n78A	30	70	651000	1@1	CP_16QAM	25.21	-2.95	22.26	168.27	1000	PASS
DC_12A_n78A	30	70	651000	1@187	CP_16QAM	25.79	-2.95	22.84	192.31	1000	PASS
DC_12A_n78A	30	70	651000	189@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_12A_n78A	30	70	651000	95@47	CP_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_12A_n78A	30	70	651000	1@1	CP_64QAM	23.82	-2.95	20.87	122.18	1000	PASS
DC_12A_n78A	30	70	651000	1@187	CP_64QAM	24.46	-2.95	21.51	141.58	1000	PASS
DC_12A_n78A	30	70	651000	189@0	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_12A_n78A	30	70	651000	95@47	CP_256QAM	21.23	-2.95	18.28	67.3	1000	PASS
DC_12A_n78A	30	70	651000	1@1	CP_256QAM	20.62	-2.95	17.67	58.48	1000	PASS
DC_12A_n78A	30	70	651000	1@187	CP_256QAM	21.27	-2.95	18.32	67.92	1000	PASS
DC_12A_n78A	30	80	649334	216@0	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_12A_n78A	30	80	649334	108@54	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_12A_n78A	30	80	649334	1@1	DFT_BPSK	27.08	-2.95	24.13	258.82	1000	PASS
DC_12A_n78A	30	80	649334	1@215	DFT_BPSK	27.3	-2.95	24.35	272.27	1000	PASS
DC_12A_n78A	30	80	649334	216@0	DFT_QPSK	26.6	-2.95	23.65	231.74	1000	PASS
DC_12A_n78A	30	80	649334	108@54	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_12A_n78A	30	80	649334	1@1	DFT_QPSK	27.11	-2.95	24.16	260.62	1000	PASS
DC_12A_n78A	30	80	649334	1@215	DFT_QPSK	27.3	-2.95	24.35	272.27	1000	PASS
DC_12A_n78A	30	80	649334	216@0	DFT_16QAM	25.65	-2.95	22.7	186.21	1000	PASS
DC_12A_n78A	30	80	649334	108@54	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_12A_n78A	30	80	649334	1@1	DFT_16QAM	25.92	-2.95	22.97	198.15	1000	PASS
DC_12A_n78A	30	80	649334	1@215	DFT_16QAM	26.16	-2.95	23.21	209.41	1000	PASS
DC_12A_n78A	30	80	649334	216@0	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_12A_n78A	30	80	649334	108@54	DFT_64QAM	25.29	-2.95	22.34	171.4	1000	PASS
DC_12A_n78A	30	80	649334	1@1	DFT_64QAM	24.41	-2.95	21.46	139.96	1000	PASS
DC_12A_n78A	30	80	649334	1@215	DFT_64QAM	24.66	-2.95	21.71	148.25	1000	PASS
DC_12A_n78A	30	80	649334	216@0	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_12A_n78A	30	80	649334	108@54	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_12A_n78A	30	80	649334	1@1	DFT_256QAM	22.65	-2.95	19.7	93.33	1000	PASS
DC_12A_n78A	30	80	649334	1@215	DFT_256QAM	22.84	-2.95	19.89	97.5	1000	PASS
DC_12A_n78A	30	80	649334	217@0	CP_QPSK	24.64	-2.95	21.69	147.57	1000	PASS
DC_12A_n78A	30	80	649334	109@54	CP_QPSK	26.22	-2.95	23.27	212.32	1000	PASS
DC_12A_n78A	30	80	649334	1@1	CP_QPSK	25.69	-2.95	22.74	187.93	1000	PASS
DC_12A_n78A	30	80	649334	1@215	CP_QPSK	25.87	-2.95	22.92	195.88	1000	PASS
DC_12A_n78A	30	80	649334	217@0	CP_16QAM	24.56	-2.95	21.61	144.88	1000	PASS
DC_12A_n78A	30	80	649334	109@54	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS



DC_12A_n78A	30	80	649334	1@1	CP_16QAM	25.16	-2.95	22.21	166.34	1000	PASS
DC_12A_n78A	30	80	649334	1@215	CP_16QAM	25.41	-2.95	22.46	176.2	1000	PASS
DC_12A_n78A	30	80	649334	217@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_12A_n78A	30	80	649334	109@54	CP_64QAM	24.18	-2.95	21.23	132.74	1000	PASS
DC_12A_n78A	30	80	649334	1@1	CP_64QAM	23.81	-2.95	20.86	121.9	1000	PASS
DC_12A_n78A	30	80	649334	1@215	CP_64QAM	24.07	-2.95	21.12	129.42	1000	PASS
DC_12A_n78A	30	80	649334	217@0	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_12A_n78A	30	80	649334	109@54	CP_256QAM	21.14	-2.95	18.19	65.92	1000	PASS
DC_12A_n78A	30	80	649334	1@1	CP_256QAM	20.67	-2.95	17.72	59.16	1000	PASS
DC_12A_n78A	30	80	649334	1@215	CP_256QAM	20.92	-2.95	17.97	62.66	1000	PASS
DC_12A_n78A	30	80	650000	216@0	DFT_BPSK	27.18	-2.95	24.23	264.85	1000	PASS
DC_12A_n78A	30	80	650000	108@54	DFT_BPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_12A_n78A	30	80	650000	1@1	DFT_BPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_12A_n78A	30	80	650000	1@215	DFT_BPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_12A_n78A	30	80	650000	216@0	DFT_QPSK	26.68	-2.95	23.73	236.05	1000	PASS
DC_12A_n78A	30	80	650000	108@54	DFT_QPSK	27.78	-2.95	24.83	304.09	1000	PASS
DC_12A_n78A	30	80	650000	1@1	DFT_QPSK	27.06	-2.95	24.11	257.63	1000	PASS
DC_12A_n78A	30	80	650000	1@215	DFT_QPSK	27.47	-2.95	24.52	283.14	1000	PASS
DC_12A_n78A	30	80	650000	216@0	DFT_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_12A_n78A	30	80	650000	108@54	DFT_16QAM	26.8	-2.95	23.85	242.66	1000	PASS
DC_12A_n78A	30	80	650000	1@1	DFT_16QAM	25.89	-2.95	22.94	196.79	1000	PASS
DC_12A_n78A	30	80	650000	1@215	DFT_16QAM	26.31	-2.95	23.36	216.77	1000	PASS
DC_12A_n78A	30	80	650000	216@0	DFT_64QAM	25.15	-2.95	22.2	165.96	1000	PASS
DC_12A_n78A	30	80	650000	108@54	DFT_64QAM	25.3	-2.95	22.35	171.79	1000	PASS
DC_12A_n78A	30	80	650000	1@1	DFT_64QAM	24.38	-2.95	21.43	139	1000	PASS
DC_12A_n78A	30	80	650000	1@215	DFT_64QAM	24.82	-2.95	21.87	153.82	1000	PASS
DC_12A_n78A	30	80	650000	216@0	DFT_256QAM	23.19	-2.95	20.24	105.68	1000	PASS
DC_12A_n78A	30	80	650000	108@54	DFT_256QAM	23.18	-2.95	20.23	105.44	1000	PASS
DC_12A_n78A	30	80	650000	1@1	DFT_256QAM	22.61	-2.95	19.66	92.47	1000	PASS
DC_12A_n78A	30	80	650000	1@215	DFT_256QAM	23.02	-2.95	20.07	101.62	1000	PASS
DC_12A_n78A	30	80	650000	217@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_12A_n78A	30	80	650000	109@54	CP_QPSK	26.24	-2.95	23.29	213.3	1000	PASS
DC_12A_n78A	30	80	650000	1@1	CP_QPSK	25.68	-2.95	22.73	187.5	1000	PASS
DC_12A_n78A	30	80	650000	1@215	CP_QPSK	26.03	-2.95	23.08	203.24	1000	PASS
DC_12A_n78A	30	80	650000	217@0	CP_16QAM	24.65	-2.95	21.7	147.91	1000	PASS
DC_12A_n78A	30	80	650000	109@54	CP_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_12A_n78A	30	80	650000	1@1	CP_16QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_12A_n78A	30	80	650000	1@215	CP_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_12A_n78A	30	80	650000	217@0	CP_64QAM	24.14	-2.95	21.19	131.52	1000	PASS
DC_12A_n78A	30	80	650000	109@54	CP_64QAM	24.23	-2.95	21.28	134.28	1000	PASS
DC_12A_n78A	30	80	650000	1@1	CP_64QAM	23.79	-2.95	20.84	121.34	1000	PASS
DC_12A_n78A	30	80	650000	1@215	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_12A_n78A	30	80	650000	217@0	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS



DC_12A_n78A	30	80	650000	109@54	CP_256QAM	21.19	-2.95	18.24	66.68	1000	PASS
DC_12A_n78A	30	80	650000	1@1	CP_256QAM	20.65	-2.95	17.7	58.88	1000	PASS
DC_12A_n78A	30	80	650000	1@215	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_12A_n78A	30	80	650666	216@0	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_12A_n78A	30	80	650666	108@54	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	80	650666	1@1	DFT_BPSK	26.9	-2.95	23.95	248.31	1000	PASS
DC_12A_n78A	30	80	650666	1@215	DFT_BPSK	27.45	-2.95	24.5	281.84	1000	PASS
DC_12A_n78A	30	80	650666	216@0	DFT_QPSK	26.68	-2.95	23.73	236.05	1000	PASS
DC_12A_n78A	30	80	650666	108@54	DFT_QPSK	27.79	-2.95	24.84	304.79	1000	PASS
DC_12A_n78A	30	80	650666	1@1	DFT_QPSK	26.97	-2.95	24.02	252.35	1000	PASS
DC_12A_n78A	30	80	650666	1@215	DFT_QPSK	27.51	-2.95	24.56	285.76	1000	PASS
DC_12A_n78A	30	80	650666	216@0	DFT_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_12A_n78A	30	80	650666	108@54	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_12A_n78A	30	80	650666	1@1	DFT_16QAM	25.77	-2.95	22.82	191.43	1000	PASS
DC_12A_n78A	30	80	650666	1@215	DFT_16QAM	26.35	-2.95	23.4	218.78	1000	PASS
DC_12A_n78A	30	80	650666	216@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_12A_n78A	30	80	650666	108@54	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_12A_n78A	30	80	650666	1@1	DFT_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	80	650666	1@215	DFT_64QAM	24.81	-2.95	21.86	153.46	1000	PASS
DC_12A_n78A	30	80	650666	216@0	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_12A_n78A	30	80	650666	108@54	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_12A_n78A	30	80	650666	1@1	DFT_256QAM	22.39	-2.95	19.44	87.9	1000	PASS
DC_12A_n78A	30	80	650666	1@215	DFT_256QAM	23	-2.95	20.05	101.16	1000	PASS
DC_12A_n78A	30	80	650666	217@0	CP_QPSK	24.67	-2.95	21.72	148.59	1000	PASS
DC_12A_n78A	30	80	650666	109@54	CP_QPSK	26.25	-2.95	23.3	213.8	1000	PASS
DC_12A_n78A	30	80	650666	1@1	CP_QPSK	25.52	-2.95	22.57	180.72	1000	PASS
DC_12A_n78A	30	80	650666	1@215	CP_QPSK	26.06	-2.95	23.11	204.64	1000	PASS
DC_12A_n78A	30	80	650666	217@0	CP_16QAM	24.61	-2.95	21.66	146.55	1000	PASS
DC_12A_n78A	30	80	650666	109@54	CP_16QAM	25.71	-2.95	22.76	188.8	1000	PASS
DC_12A_n78A	30	80	650666	1@1	CP_16QAM	25.03	-2.95	22.08	161.44	1000	PASS
DC_12A_n78A	30	80	650666	1@215	CP_16QAM	25.61	-2.95	22.66	184.5	1000	PASS
DC_12A_n78A	30	80	650666	217@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_12A_n78A	30	80	650666	109@54	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	80	650666	1@1	CP_64QAM	23.66	-2.95	20.71	117.76	1000	PASS
DC_12A_n78A	30	80	650666	1@215	CP_64QAM	24.21	-2.95	21.26	133.66	1000	PASS
DC_12A_n78A	30	80	650666	217@0	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_12A_n78A	30	80	650666	109@54	CP_256QAM	21.17	-2.95	18.22	66.37	1000	PASS
DC_12A_n78A	30	80	650666	1@1	CP_256QAM	20.49	-2.95	17.54	56.75	1000	PASS
DC_12A_n78A	30	80	650666	1@215	CP_256QAM	21.06	-2.95	18.11	64.71	1000	PASS
DC_12A_n78A	30	90	649668	243@0	DFT_BPSK	27.12	-2.95	24.17	261.22	1000	PASS
DC_12A_n78A	30	90	649668	120@60	DFT_BPSK	27.72	-2.95	24.77	299.92	1000	PASS
DC_12A_n78A	30	90	649668	1@1	DFT_BPSK	26.92	-2.95	23.97	249.46	1000	PASS
DC_12A_n78A	30	90	649668	1@243	DFT_BPSK	27.3	-2.95	24.35	272.27	1000	PASS



DC_12A_n78A	30	90	649668	243@0	DFT_QPSK	26.64	-2.95	23.69	233.88	1000	PASS
DC_12A_n78A	30	90	649668	120@60	DFT_QPSK	27.75	-2.95	24.8	302	1000	PASS
DC_12A_n78A	30	90	649668	1@1	DFT_QPSK	26.96	-2.95	24.01	251.77	1000	PASS
DC_12A_n78A	30	90	649668	1@243	DFT_QPSK	27.36	-2.95	24.41	276.06	1000	PASS
DC_12A_n78A	30	90	649668	243@0	DFT_16QAM	25.66	-2.95	22.71	186.64	1000	PASS
DC_12A_n78A	30	90	649668	120@60	DFT_16QAM	26.71	-2.95	23.76	237.68	1000	PASS
DC_12A_n78A	30	90	649668	1@1	DFT_16QAM	25.88	-2.95	22.93	196.34	1000	PASS
DC_12A_n78A	30	90	649668	1@243	DFT_16QAM	26.25	-2.95	23.3	213.8	1000	PASS
DC_12A_n78A	30	90	649668	243@0	DFT_64QAM	25.17	-2.95	22.22	166.72	1000	PASS
DC_12A_n78A	30	90	649668	120@60	DFT_64QAM	25.22	-2.95	22.27	168.66	1000	PASS
DC_12A_n78A	30	90	649668	1@1	DFT_64QAM	24.27	-2.95	21.32	135.52	1000	PASS
DC_12A_n78A	30	90	649668	1@243	DFT_64QAM	24.68	-2.95	21.73	148.94	1000	PASS
DC_12A_n78A	30	90	649668	243@0	DFT_256QAM	23.15	-2.95	20.2	104.71	1000	PASS
DC_12A_n78A	30	90	649668	120@60	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_12A_n78A	30	90	649668	1@1	DFT_256QAM	22.41	-2.95	19.46	88.31	1000	PASS
DC_12A_n78A	30	90	649668	1@243	DFT_256QAM	22.82	-2.95	19.87	97.05	1000	PASS
DC_12A_n78A	30	90	649668	245@0	CP_QPSK	24.58	-2.95	21.63	145.55	1000	PASS
DC_12A_n78A	30	90	649668	123@61	CP_QPSK	26.21	-2.95	23.26	211.84	1000	PASS
DC_12A_n78A	30	90	649668	1@1	CP_QPSK	25.44	-2.95	22.49	177.42	1000	PASS
DC_12A_n78A	30	90	649668	1@243	CP_QPSK	25.82	-2.95	22.87	193.64	1000	PASS
DC_12A_n78A	30	90	649668	245@0	CP_16QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_12A_n78A	30	90	649668	123@61	CP_16QAM	25.69	-2.95	22.74	187.93	1000	PASS
DC_12A_n78A	30	90	649668	1@1	CP_16QAM	25.03	-2.95	22.08	161.44	1000	PASS
DC_12A_n78A	30	90	649668	1@243	CP_16QAM	25.46	-2.95	22.51	178.24	1000	PASS
DC_12A_n78A	30	90	649668	245@0	CP_64QAM	24.15	-2.95	21.2	131.83	1000	PASS
DC_12A_n78A	30	90	649668	123@61	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_12A_n78A	30	90	649668	1@1	CP_64QAM	23.65	-2.95	20.7	117.49	1000	PASS
DC_12A_n78A	30	90	649668	1@243	CP_64QAM	24	-2.95	21.05	127.35	1000	PASS
DC_12A_n78A	30	90	649668	245@0	CP_256QAM	21.07	-2.95	18.12	64.86	1000	PASS
DC_12A_n78A	30	90	649668	123@61	CP_256QAM	21.16	-2.95	18.21	66.22	1000	PASS
DC_12A_n78A	30	90	649668	1@1	CP_256QAM	20.44	-2.95	17.49	56.1	1000	PASS
DC_12A_n78A	30	90	649668	1@243	CP_256QAM	20.84	-2.95	17.89	61.52	1000	PASS
DC_12A_n78A	30	90	650000	243@0	DFT_BPSK	27.17	-2.95	24.22	264.24	1000	PASS
DC_12A_n78A	30	90	650000	120@60	DFT_BPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	90	650000	1@1	DFT_BPSK	26.87	-2.95	23.92	246.6	1000	PASS
DC_12A_n78A	30	90	650000	1@243	DFT_BPSK	27.31	-2.95	24.36	272.9	1000	PASS
DC_12A_n78A	30	90	650000	243@0	DFT_QPSK	26.64	-2.95	23.69	233.88	1000	PASS
DC_12A_n78A	30	90	650000	120@60	DFT_QPSK	27.77	-2.95	24.82	303.39	1000	PASS
DC_12A_n78A	30	90	650000	1@1	DFT_QPSK	26.92	-2.95	23.97	249.46	1000	PASS
DC_12A_n78A	30	90	650000	1@243	DFT_QPSK	27.35	-2.95	24.4	275.42	1000	PASS
DC_12A_n78A	30	90	650000	243@0	DFT_16QAM	25.65	-2.95	22.7	186.21	1000	PASS
DC_12A_n78A	30	90	650000	120@60	DFT_16QAM	26.74	-2.95	23.79	239.33	1000	PASS
DC_12A_n78A	30	90	650000	1@1	DFT_16QAM	25.68	-2.95	22.73	187.5	1000	PASS



DC_12A_n78A	30	90	650000	1@243	DFT_16QAM	26.18	-2.95	23.23	210.38	1000	PASS
DC_12A_n78A	30	90	650000	243@0	DFT_64QAM	25.19	-2.95	22.24	167.49	1000	PASS
DC_12A_n78A	30	90	650000	120@60	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_12A_n78A	30	90	650000	1@1	DFT_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_12A_n78A	30	90	650000	1@243	DFT_64QAM	24.7	-2.95	21.75	149.62	1000	PASS
DC_12A_n78A	30	90	650000	243@0	DFT_256QAM	23.14	-2.95	20.19	104.47	1000	PASS
DC_12A_n78A	30	90	650000	120@60	DFT_256QAM	23.24	-2.95	20.29	106.91	1000	PASS
DC_12A_n78A	30	90	650000	1@1	DFT_256QAM	22.34	-2.95	19.39	86.9	1000	PASS
DC_12A_n78A	30	90	650000	1@243	DFT_256QAM	22.84	-2.95	19.89	97.5	1000	PASS
DC_12A_n78A	30	90	650000	245@0	CP_QPSK	24.62	-2.95	21.67	146.89	1000	PASS
DC_12A_n78A	30	90	650000	123@61	CP_QPSK	26.2	-2.95	23.25	211.35	1000	PASS
DC_12A_n78A	30	90	650000	1@1	CP_QPSK	25.44	-2.95	22.49	177.42	1000	PASS
DC_12A_n78A	30	90	650000	1@243	CP_QPSK	25.88	-2.95	22.93	196.34	1000	PASS
DC_12A_n78A	30	90	650000	245@0	CP_16QAM	24.6	-2.95	21.65	146.22	1000	PASS
DC_12A_n78A	30	90	650000	123@61	CP_16QAM	25.68	-2.95	22.73	187.5	1000	PASS
DC_12A_n78A	30	90	650000	1@1	CP_16QAM	25	-2.95	22.05	160.32	1000	PASS
DC_12A_n78A	30	90	650000	1@243	CP_16QAM	25.49	-2.95	22.54	179.47	1000	PASS
DC_12A_n78A	30	90	650000	245@0	CP_64QAM	24.13	-2.95	21.18	131.22	1000	PASS
DC_12A_n78A	30	90	650000	123@61	CP_64QAM	24.16	-2.95	21.21	132.13	1000	PASS
DC_12A_n78A	30	90	650000	1@1	CP_64QAM	23.57	-2.95	20.62	115.35	1000	PASS
DC_12A_n78A	30	90	650000	1@243	CP_64QAM	24.06	-2.95	21.11	129.12	1000	PASS
DC_12A_n78A	30	90	650000	245@0	CP_256QAM	21.09	-2.95	18.14	65.16	1000	PASS
DC_12A_n78A	30	90	650000	123@61	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_12A_n78A	30	90	650000	1@1	CP_256QAM	20.44	-2.95	17.49	56.1	1000	PASS
DC_12A_n78A	30	90	650000	1@243	CP_256QAM	20.88	-2.95	17.93	62.09	1000	PASS
DC_12A_n78A	30	90	650332	243@0	DFT_BPSK	27.09	-2.95	24.14	259.42	1000	PASS
DC_12A_n78A	30	90	650332	120@60	DFT_BPSK	27.71	-2.95	24.76	299.23	1000	PASS
DC_12A_n78A	30	90	650332	1@1	DFT_BPSK	26.85	-2.95	23.9	245.47	1000	PASS
DC_12A_n78A	30	90	650332	1@243	DFT_BPSK	27.33	-2.95	24.38	274.16	1000	PASS
DC_12A_n78A	30	90	650332	243@0	DFT_QPSK	26.6	-2.95	23.65	231.74	1000	PASS
DC_12A_n78A	30	90	650332	120@60	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_12A_n78A	30	90	650332	1@1	DFT_QPSK	26.91	-2.95	23.96	248.89	1000	PASS
DC_12A_n78A	30	90	650332	1@243	DFT_QPSK	27.37	-2.95	24.42	276.69	1000	PASS
DC_12A_n78A	30	90	650332	243@0	DFT_16QAM	25.6	-2.95	22.65	184.08	1000	PASS
DC_12A_n78A	30	90	650332	120@60	DFT_16QAM	26.75	-2.95	23.8	239.88	1000	PASS
DC_12A_n78A	30	90	650332	1@1	DFT_16QAM	25.76	-2.95	22.81	190.99	1000	PASS
DC_12A_n78A	30	90	650332	1@243	DFT_16QAM	26.28	-2.95	23.33	215.28	1000	PASS
DC_12A_n78A	30	90	650332	243@0	DFT_64QAM	25.1	-2.95	22.15	164.06	1000	PASS
DC_12A_n78A	30	90	650332	120@60	DFT_64QAM	25.23	-2.95	22.28	169.04	1000	PASS
DC_12A_n78A	30	90	650332	1@1	DFT_64QAM	24.19	-2.95	21.24	133.05	1000	PASS
DC_12A_n78A	30	90	650332	1@243	DFT_64QAM	24.68	-2.95	21.73	148.94	1000	PASS
DC_12A_n78A	30	90	650332	243@0	DFT_256QAM	23.05	-2.95	20.1	102.33	1000	PASS
DC_12A_n78A	30	90	650332	120@60	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS



DC_12A_n78A	30	90	650332	1@1	DFT_256QAM	22.35	-2.95	19.4	87.1	1000	PASS
DC_12A_n78A	30	90	650332	1@243	DFT_256QAM	22.84	-2.95	19.89	97.5	1000	PASS
DC_12A_n78A	30	90	650332	245@0	CP_QPSK	24.57	-2.95	21.62	145.21	1000	PASS
DC_12A_n78A	30	90	650332	123@61	CP_QPSK	26.19	-2.95	23.24	210.86	1000	PASS
DC_12A_n78A	30	90	650332	1@1	CP_QPSK	25.38	-2.95	22.43	174.98	1000	PASS
DC_12A_n78A	30	90	650332	1@243	CP_QPSK	25.95	-2.95	23	199.53	1000	PASS
DC_12A_n78A	30	90	650332	245@0	CP_16QAM	24.58	-2.95	21.63	145.55	1000	PASS
DC_12A_n78A	30	90	650332	123@61	CP_16QAM	25.67	-2.95	22.72	187.07	1000	PASS
DC_12A_n78A	30	90	650332	1@1	CP_16QAM	25	-2.95	22.05	160.32	1000	PASS
DC_12A_n78A	30	90	650332	1@243	CP_16QAM	25.55	-2.95	22.6	181.97	1000	PASS
DC_12A_n78A	30	90	650332	245@0	CP_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_12A_n78A	30	90	650332	123@61	CP_64QAM	24.17	-2.95	21.22	132.43	1000	PASS
DC_12A_n78A	30	90	650332	1@1	CP_64QAM	23.53	-2.95	20.58	114.29	1000	PASS
DC_12A_n78A	30	90	650332	1@243	CP_64QAM	24.12	-2.95	21.17	130.92	1000	PASS
DC_12A_n78A	30	90	650332	245@0	CP_256QAM	21.04	-2.95	18.09	64.42	1000	PASS
DC_12A_n78A	30	90	650332	123@61	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_12A_n78A	30	90	650332	1@1	CP_256QAM	20.37	-2.95	17.42	55.21	1000	PASS
DC_12A_n78A	30	90	650332	1@243	CP_256QAM	20.97	-2.95	18.02	63.39	1000	PASS
DC_12A_n78A	30	100	650000	270@0	DFT_BPSK	27.13	-2.95	24.18	261.82	1000	PASS
DC_12A_n78A	30	100	650000	135@67	DFT_BPSK	27.75	-2.95	24.8	302	1000	PASS
DC_12A_n78A	30	100	650000	1@1	DFT_BPSK	26.74	-2.95	23.79	239.33	1000	PASS
DC_12A_n78A	30	100	650000	1@271	DFT_BPSK	27.23	-2.95	24.28	267.92	1000	PASS
DC_12A_n78A	30	100	650000	270@0	DFT_QPSK	26.63	-2.95	23.68	233.35	1000	PASS
DC_12A_n78A	30	100	650000	135@67	DFT_QPSK	27.73	-2.95	24.78	300.61	1000	PASS
DC_12A_n78A	30	100	650000	1@1	DFT_QPSK	26.78	-2.95	23.83	241.55	1000	PASS
DC_12A_n78A	30	100	650000	1@271	DFT_QPSK	27.26	-2.95	24.31	269.77	1000	PASS
DC_12A_n78A	30	100	650000	270@0	DFT_16QAM	25.61	-2.95	22.66	184.5	1000	PASS
DC_12A_n78A	30	100	650000	135@67	DFT_16QAM	26.76	-2.95	23.81	240.44	1000	PASS
DC_12A_n78A	30	100	650000	1@1	DFT_16QAM	25.63	-2.95	22.68	185.35	1000	PASS
DC_12A_n78A	30	100	650000	1@271	DFT_16QAM	26.09	-2.95	23.14	206.06	1000	PASS
DC_12A_n78A	30	100	650000	270@0	DFT_64QAM	25.12	-2.95	22.17	164.82	1000	PASS
DC_12A_n78A	30	100	650000	135@67	DFT_64QAM	25.26	-2.95	22.31	170.22	1000	PASS
DC_12A_n78A	30	100	650000	1@1	DFT_64QAM	24.08	-2.95	21.13	129.72	1000	PASS
DC_12A_n78A	30	100	650000	1@271	DFT_64QAM	24.57	-2.95	21.62	145.21	1000	PASS
DC_12A_n78A	30	100	650000	270@0	DFT_256QAM	23.08	-2.95	20.13	103.04	1000	PASS
DC_12A_n78A	30	100	650000	135@67	DFT_256QAM	23.23	-2.95	20.28	106.66	1000	PASS
DC_12A_n78A	30	100	650000	1@1	DFT_256QAM	22.29	-2.95	19.34	85.9	1000	PASS
DC_12A_n78A	30	100	650000	1@271	DFT_256QAM	22.77	-2.95	19.82	95.94	1000	PASS
DC_12A_n78A	30	100	650000	273@0	CP_QPSK	24.57	-2.95	21.62	145.21	1000	PASS
DC_12A_n78A	30	100	650000	137@68	CP_QPSK	26.23	-2.95	23.28	212.81	1000	PASS
DC_12A_n78A	30	100	650000	1@1	CP_QPSK	25.33	-2.95	22.38	172.98	1000	PASS
DC_12A_n78A	30	100	650000	1@271	CP_QPSK	25.81	-2.95	22.86	193.2	1000	PASS
DC_12A_n78A	30	100	650000	273@0	CP_16QAM	24.59	-2.95	21.64	145.88	1000	PASS



DC_12A_n78A	30	100	650000	137@68	CP_16QAM	25.74	-2.95	22.79	190.11	1000	PASS
DC_12A_n78A	30	100	650000	1@1	CP_16QAM	24.88	-2.95	21.93	155.96	1000	PASS
DC_12A_n78A	30	100	650000	1@271	CP_16QAM	25.39	-2.95	22.44	175.39	1000	PASS
DC_12A_n78A	30	100	650000	273@0	CP_64QAM	24.07	-2.95	21.12	129.42	1000	PASS
DC_12A_n78A	30	100	650000	137@68	CP_64QAM	24.22	-2.95	21.27	133.97	1000	PASS
DC_12A_n78A	30	100	650000	1@1	CP_64QAM	23.53	-2.95	20.58	114.29	1000	PASS
DC_12A_n78A	30	100	650000	1@271	CP_64QAM	24	-2.95	21.05	127.35	1000	PASS
DC_12A_n78A	30	100	650000	273@0	CP_256QAM	21.02	-2.95	18.07	64.12	1000	PASS
DC_12A_n78A	30	100	650000	137@68	CP_256QAM	21.15	-2.95	18.2	66.07	1000	PASS
DC_12A_n78A	30	100	650000	1@1	CP_256QAM	20.3	-2.95	17.35	54.33	1000	PASS
DC_12A_n78A	30	100	650000	1@271	CP_256QAM	20.83	-2.95	17.88	61.38	1000	PASS

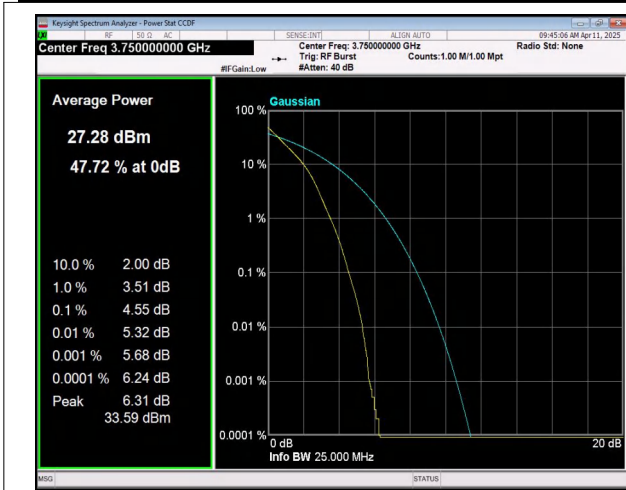
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-11	-0.00293	PASS
20	3.27	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-12.1	-0.00323	PASS
20	4.4	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-6.1	-0.00163	PASS
-30	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-13.1	-0.00349	PASS
-20	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-4.2	-0.00112	PASS
-10	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-1.1	-0.00029	PASS
0	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-10.4	-0.00277	PASS
10	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-9.6	-0.00256	PASS
30	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-9.6	-0.00256	PASS
40	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-6.8	-0.00181	PASS
50	3.85	n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	-9	-0.0024	PASS

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

3. Peak-to-average Ratio

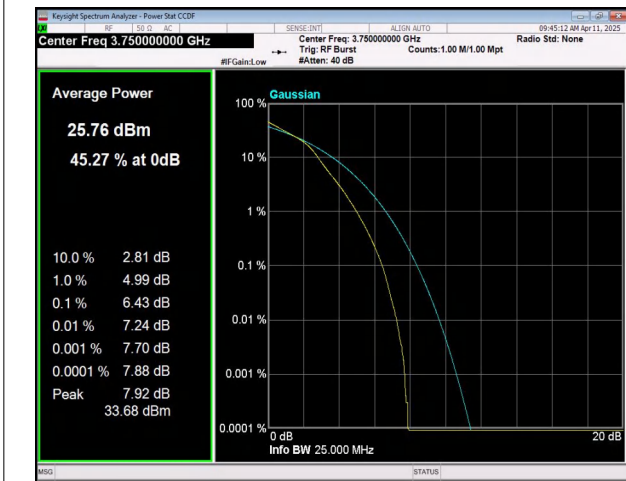
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	4.55	13	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	5.68	13	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	6.43	13	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	6.61	13	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	6.58	13	PASS



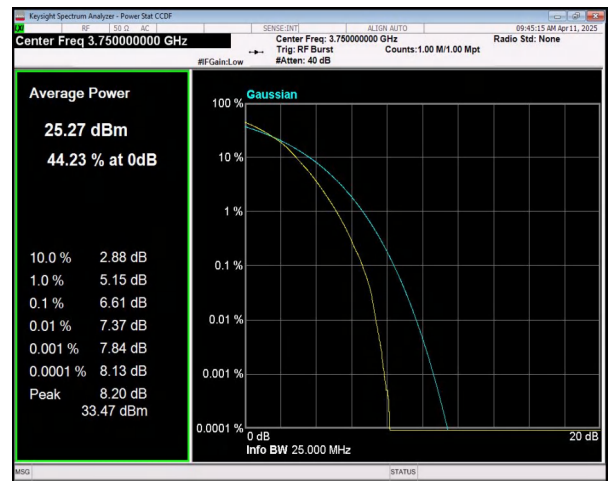
n78(3700-3800) SCS=30kHz DFT_BPSK BW=20MHz
Channel=650000 RB=50@0



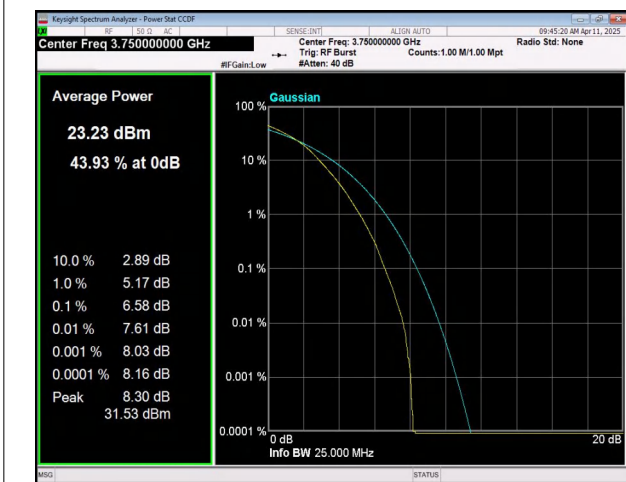
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz
Channel=650000 RB=50@0



n78(3700-3800) SCS=30kHz DFT_16QAM BW=20MHz
Channel=650000 RB=50@0



n78(3700-3800) SCS=30kHz DFT_64QAM BW=20MHz
Channel=650000 RB=50@0



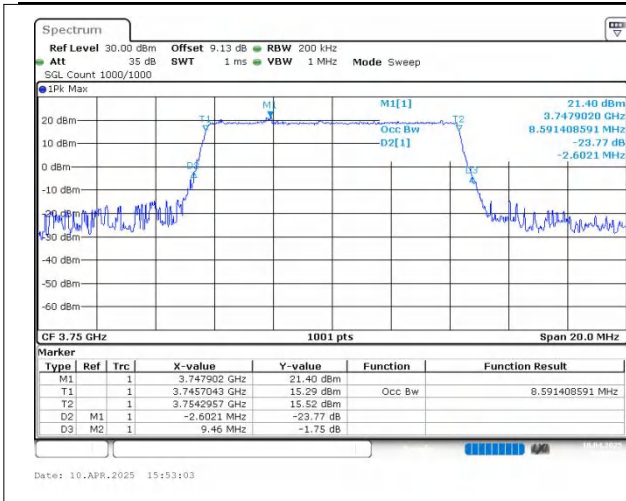
n78(3700-3800) SCS=30kHz DFT_256QAM BW=20MHz
Channel=650000 RB=50@0

4. Occupied Bandwidth

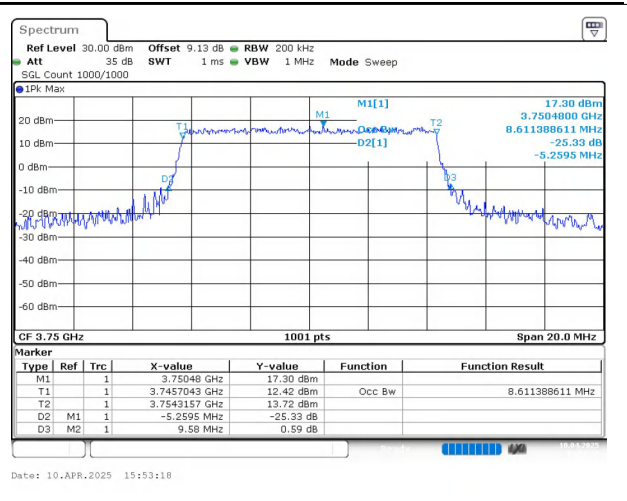
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3700-3800)	30	10	650000	3750	24@0	DFT_BPSK	8.591	9.460	PASS
n78(3700-3800)	30	10	650000	3750	24@0	CP_QPSK	8.611	9.580	PASS
n78(3700-3800)	30	10	650000	3750	24@0	CP_16QAM	8.631	9.840	PASS
n78(3700-3800)	30	10	650000	3750	24@0	CP_64QAM	8.611	9.580	PASS
n78(3700-3800)	30	10	650000	3750	24@0	CP_256QAM	8.631	9.600	PASS
n78(3700-3800)	30	15	650000	3750	36@0	DFT_BPSK	12.977	14.190	PASS
n78(3700-3800)	30	15	650000	3750	38@0	CP_QPSK	13.636	16.860	PASS
n78(3700-3800)	30	15	650000	3750	38@0	CP_16QAM	13.636	14.820	PASS
n78(3700-3800)	30	15	650000	3750	38@0	CP_64QAM	13.636	14.790	PASS
n78(3700-3800)	30	15	650000	3750	38@0	CP_256QAM	13.606	14.790	PASS
n78(3700-3800)	30	20	650000	3750	50@0	DFT_BPSK	18.102	19.960	PASS
n78(3700-3800)	30	20	650000	3750	51@0	CP_QPSK	18.342	19.960	PASS
n78(3700-3800)	30	20	650000	3750	51@0	CP_16QAM	18.382	20.800	PASS
n78(3700-3800)	30	20	650000	3750	51@0	CP_64QAM	18.342	19.840	PASS
n78(3700-3800)	30	20	650000	3750	51@0	CP_256QAM	18.302	19.880	PASS
n78(3700-3800)	30	40	650000	3750	100@0	DFT_BPSK	35.964	38.320	PASS
n78(3700-3800)	30	40	650000	3750	106@0	CP_QPSK	38.042	41.280	PASS
n78(3700-3800)	30	40	650000	3750	106@0	CP_16QAM	38.042	40.880	PASS
n78(3700-3800)	30	40	650000	3750	106@0	CP_64QAM	38.042	40.240	PASS
n78(3700-3800)	30	40	650000	3750	106@0	CP_256QAM	38.042	40.560	PASS
n78(3700-3800)	30	50	650000	3750	128@0	DFT_BPSK	45.854	48.600	PASS
n78(3700-3800)	30	50	650000	3750	133@0	CP_QPSK	47.552	51.600	PASS
n78(3700-3800)	30	50	650000	3750	133@0	CP_16QAM	47.552	50.600	PASS
n78(3700-3800)	30	50	650000	3750	133@0	CP_64QAM	47.552	50.400	PASS
n78(3700-3800)	30	50	650000	3750	133@0	CP_256QAM	47.552	50.400	PASS
n78(3700-3800)	30	60	650000	3750	162@0	DFT_BPSK	58.621	63.120	PASS
n78(3700-3800)	30	60	650000	3750	162@0	CP_QPSK	58.501	62.760	PASS
n78(3700-3800)	30	60	650000	3750	162@0	CP_16QAM	58.262	63.960	PASS
n78(3700-3800)	30	60	650000	3750	162@0	CP_64QAM	58.501	63.360	PASS
n78(3700-3800)	30	60	650000	3750	162@0	CP_256QAM	58.382	64.200	PASS
n78(3700-3800)	30	70	650000	3750	180@0	DFT_BPSK	64.895	70.980	PASS
n78(3700-3800)	30	70	650000	3750	189@0	CP_QPSK	67.972	73.080	PASS
n78(3700-3800)	30	70	650000	3750	189@0	CP_16QAM	68.112	75.180	PASS
n78(3700-3800)	30	70	650000	3750	189@0	CP_64QAM	67.972	75.180	PASS
n78(3700-3800)	30	70	650000	3750	189@0	CP_256QAM	67.972	76.720	PASS
n78(3700-3800)	30	80	650000	3750	216@0	DFT_BPSK	77.363	83.200	PASS
n78(3700-3800)	30	80	650000	3750	217@0	CP_QPSK	77.842	82.400	PASS
n78(3700-3800)	30	80	650000	3750	217@0	CP_16QAM	77.682	84.800	PASS



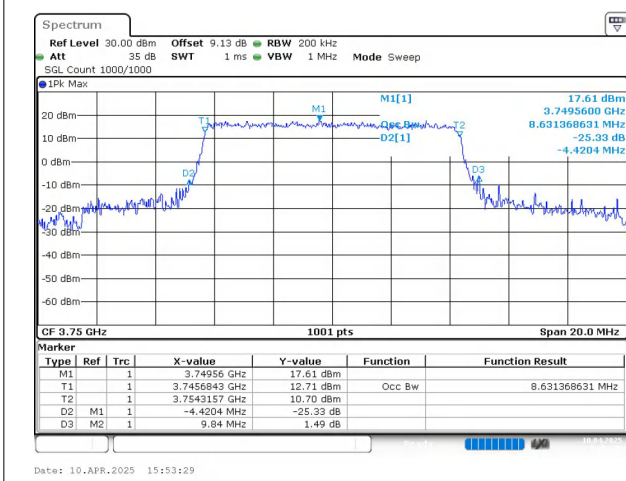
n78(3700-3800)	30	80	650000	3750	217@0	CP_64QAM	78.002	85.280	PASS
n78(3700-3800)	30	80	650000	3750	217@0	CP_256QAM	77.842	83.360	PASS
n78(3700-3800)	30	90	650000	3750	243@0	DFT_BPSK	87.033	91.620	PASS
n78(3700-3800)	30	90	650000	3750	245@0	CP_QPSK	87.752	92.700	PASS
n78(3700-3800)	30	90	650000	3750	245@0	CP_16QAM	87.572	92.700	PASS
n78(3700-3800)	30	90	650000	3750	245@0	CP_64QAM	87.752	92.520	PASS
n78(3700-3800)	30	90	650000	3750	245@0	CP_256QAM	87.752	92.340	PASS
n78(3700-3800)	30	100	650000	3750	270@0	DFT_BPSK	96.304	101.800	PASS
n78(3700-3800)	30	100	650000	3750	273@0	CP_QPSK	97.502	102.800	PASS
n78(3700-3800)	30	100	650000	3750	273@0	CP_16QAM	97.303	102.400	PASS
n78(3700-3800)	30	100	650000	3750	273@0	CP_64QAM	97.303	102.800	PASS
n78(3700-3800)	30	100	650000	3750	273@0	CP_256QAM	97.502	102.800	PASS



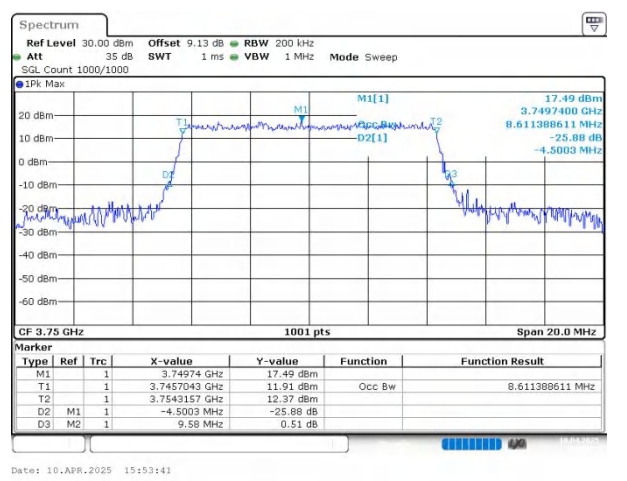
n78(3700-3800) SCS=30kHz DFT_BPSK BW=10MHz
Channel=650000 RB=24@0



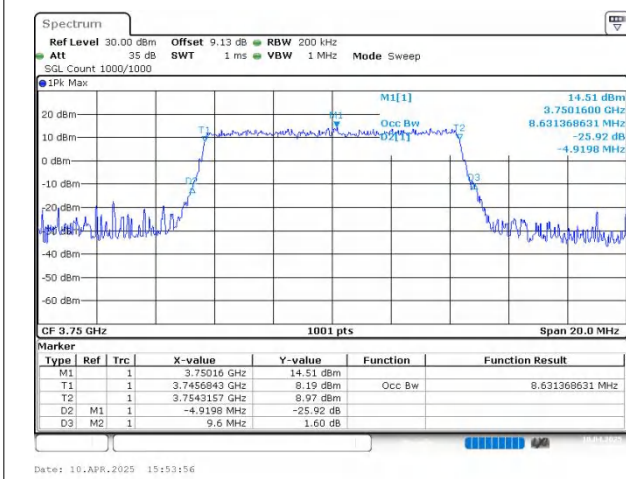
n78(3700-3800) SCS=30kHz CP_QPSK BW=10MHz
Channel=650000 RB=24@0



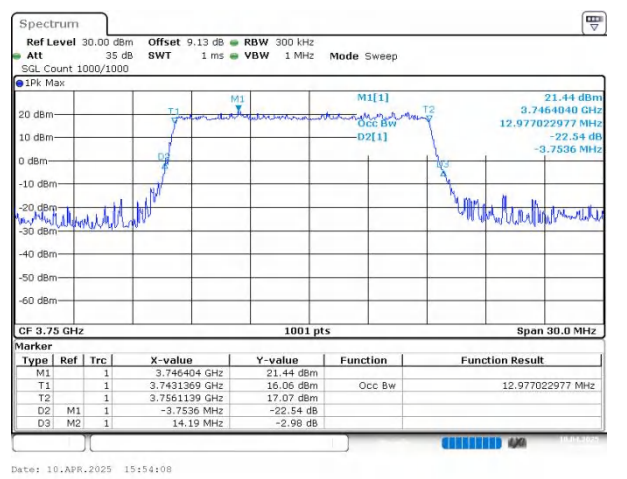
n78(3700-3800) SCS=30kHz CP_16QAM BW=10MHz
Channel=650000 RB=24@0



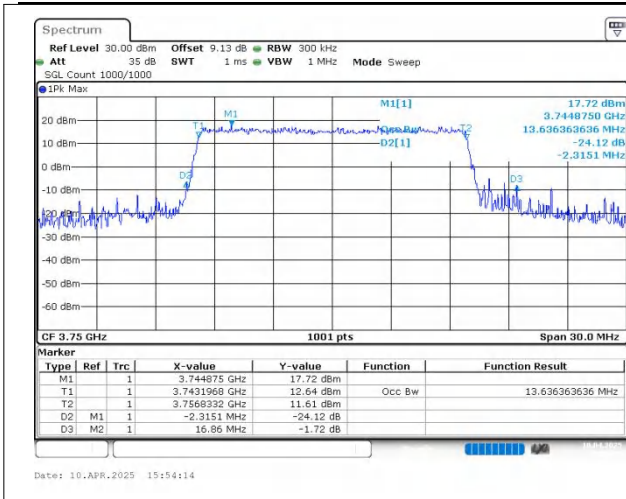
n78(3700-3800) SCS=30kHz CP_64QAM BW=10MHz
Channel=650000 RB=24@0



n78(3700-3800) SCS=30kHz CP_256QAM BW=10MHz
Channel=650000 RB=24@0

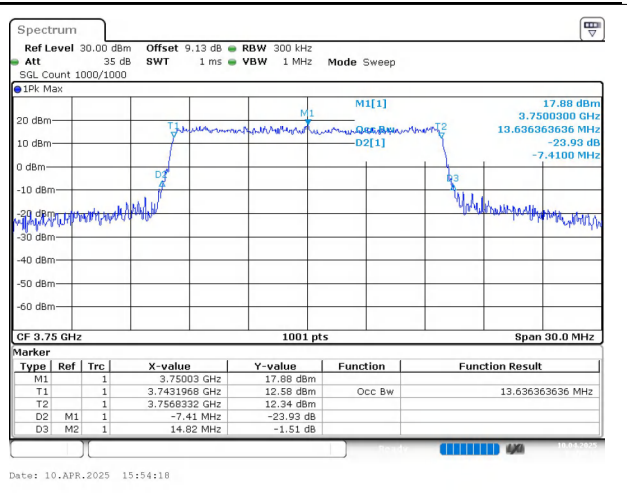


n78(3700-3800) SCS=30kHz DFT_BPSK BW=15MHz
Channel=650000 RB=36@0



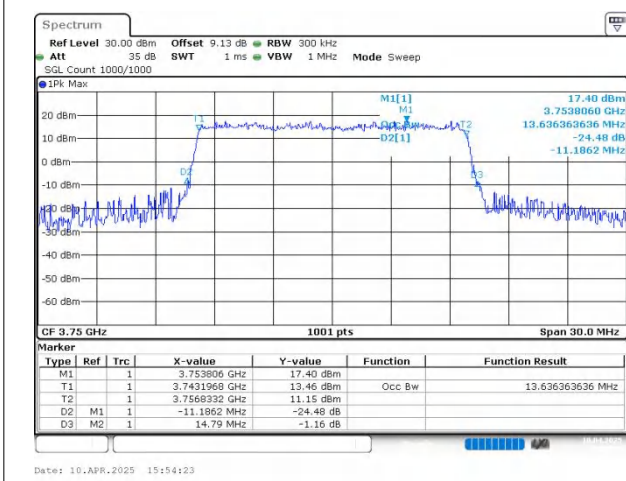
Date: 10.APR.2025 15:54:14

n78(3700-3800) SCS=30kHz CP_QPSK BW=15MHz
Channel=650000 RB=38@0



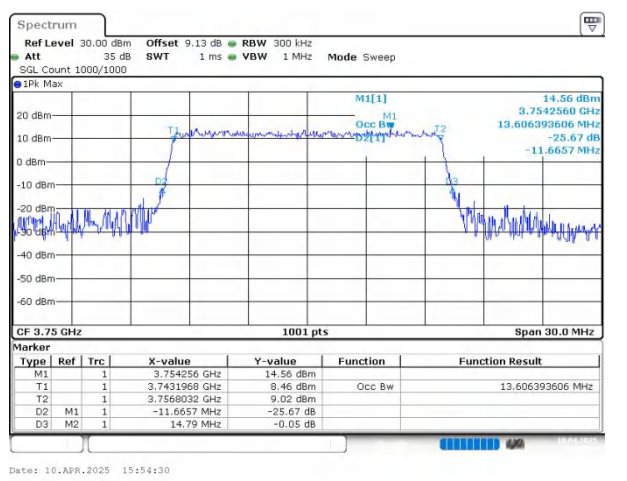
Date: 10.APR.2025 15:54:18

n78(3700-3800) SCS=30kHz CP_16QAM BW=15MHz
Channel=650000 RB=38@0



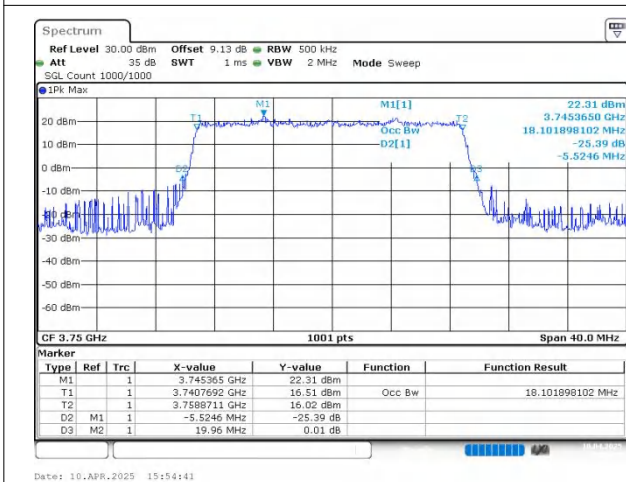
Date: 10.APR.2025 15:54:23

n78(3700-3800) SCS=30kHz CP_64QAM BW=15MHz
Channel=650000 RB=38@0



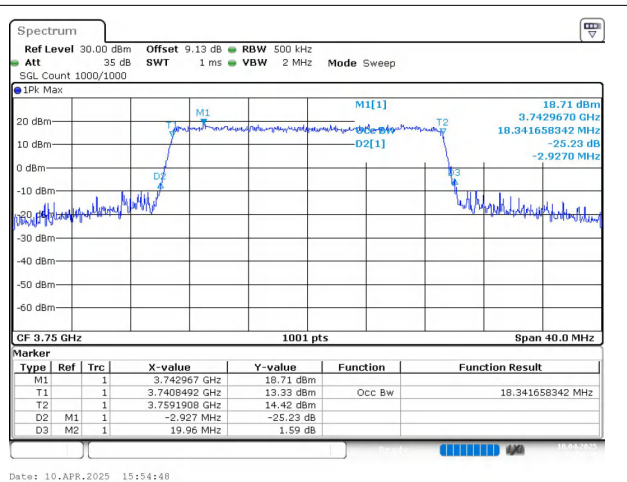
Date: 10.APR.2025 15:54:30

n78(3700-3800) SCS=30kHz CP_256QAM BW=15MHz
Channel=650000 RB=38@0



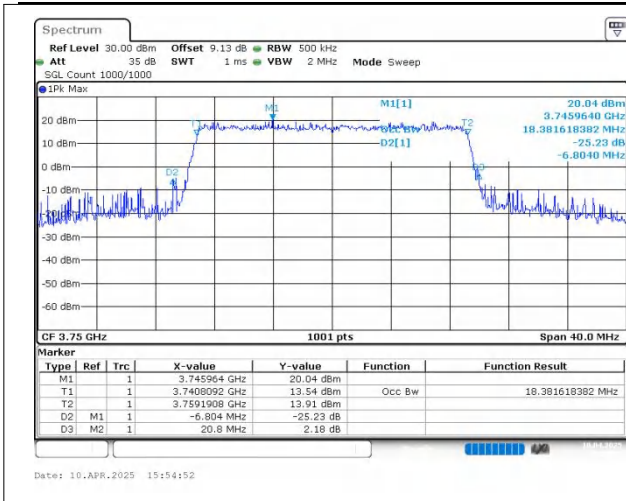
Date: 10.APR.2025 15:54:41

n78(3700-3800) SCS=30kHz DFT_BPSK BW=20MHz
Channel=650000 RB=50@0

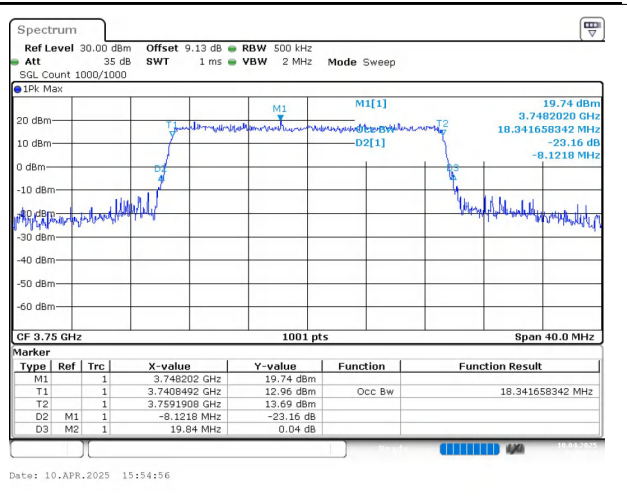


Date: 10.APR.2025 15:54:48

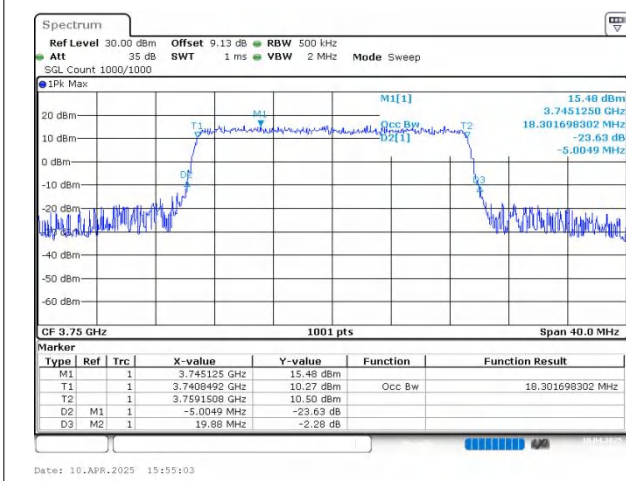
n78(3700-3800) SCS=30kHz CP_QPSK BW=20MHz
Channel=650000 RB=51@0



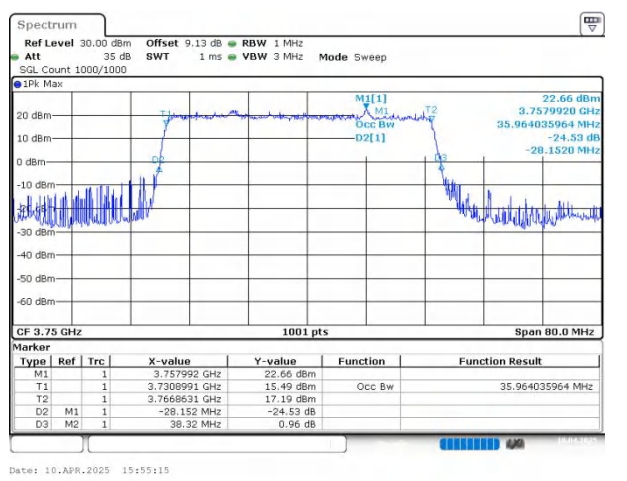
n78(3700-3800) SCS=30kHz CP_16QAM BW=20MHz
Channel=650000 RB=51@0



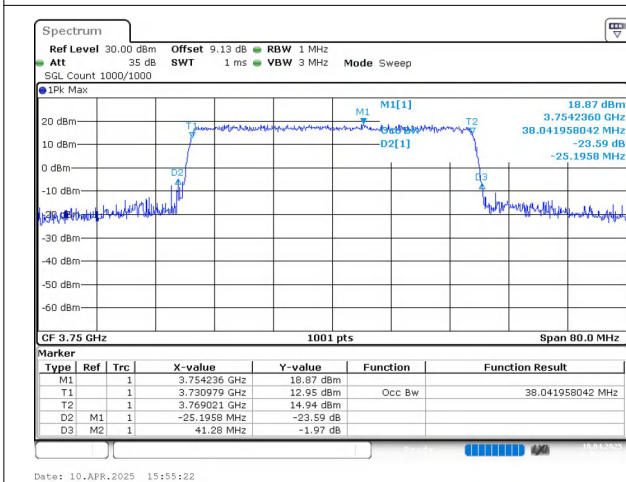
n78(3700-3800) SCS=30kHz CP_64QAM BW=20MHz
Channel=650000 RB=51@0



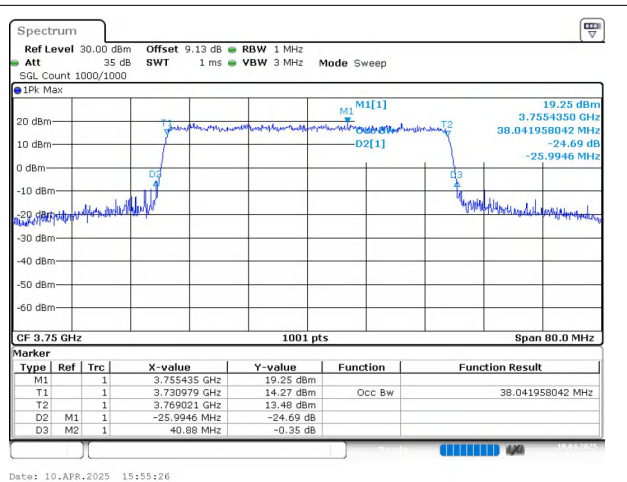
n78(3700-3800) SCS=30kHz CP_256QAM BW=20MHz
Channel=650000 RB=51@0



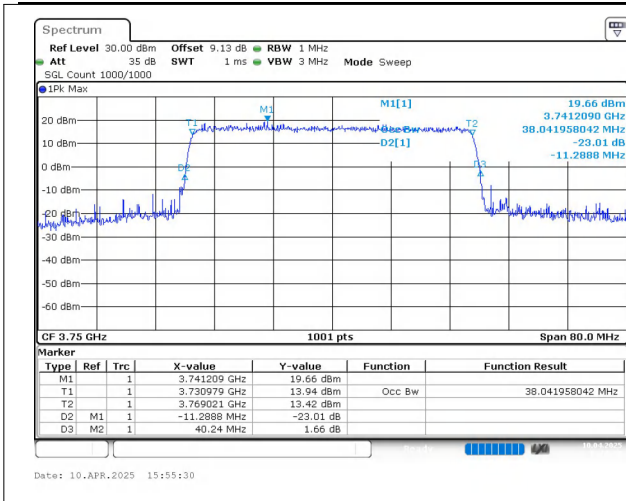
n78(3700-3800) SCS=30kHz DFT_BPSK BW=40MHz
Channel=650000 RB=100@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=40MHz
Channel=650000 RB=106@0

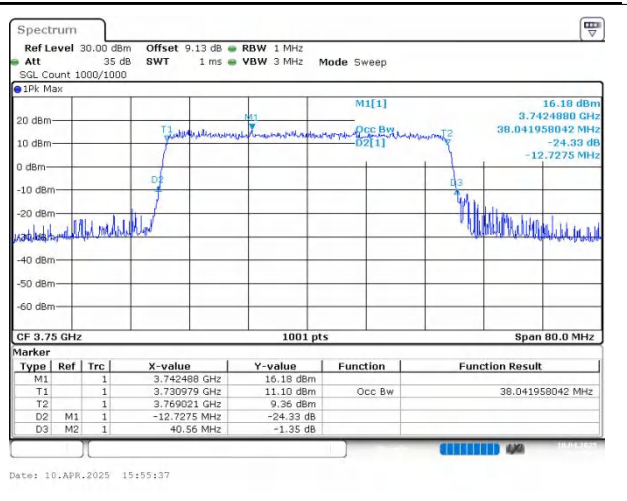


n78(3700-3800) SCS=30kHz CP_16QAM BW=40MHz
Channel=650000 RB=106@0



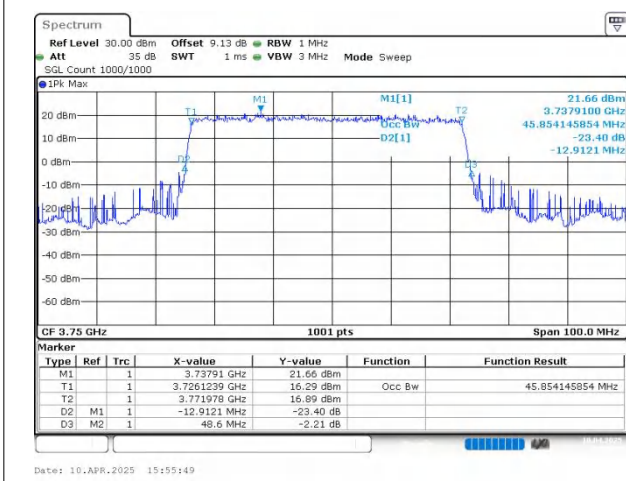
Date: 10.APR.2025 15:55:30

n78(3700-3800) SCS=30kHz CP_64QAM BW=40MHz
Channel=650000 RB=106@0



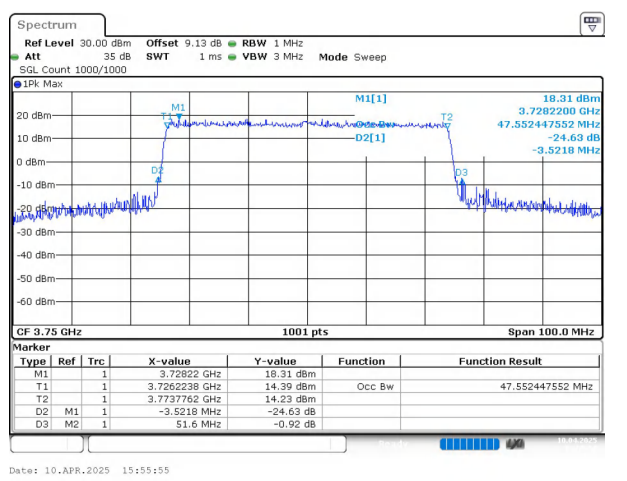
Date: 10.APR.2025 15:55:37

n78(3700-3800) SCS=30kHz CP_256QAM BW=40MHz
Channel=650000 RB=106@0



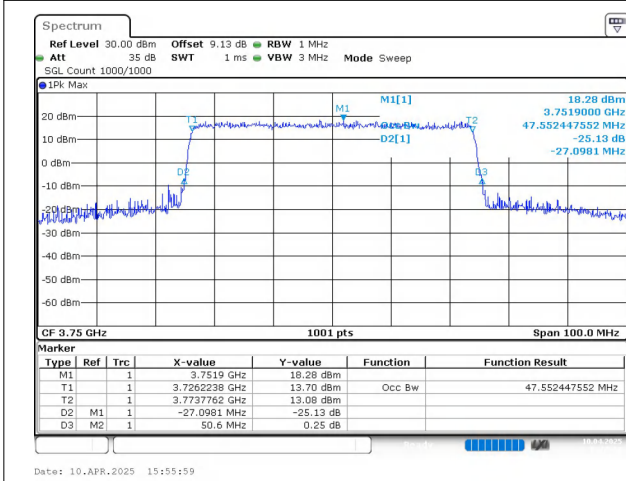
Date: 10.APR.2025 15:55:49

n78(3700-3800) SCS=30kHz DFT_BPSK BW=50MHz
Channel=650000 RB=128@0



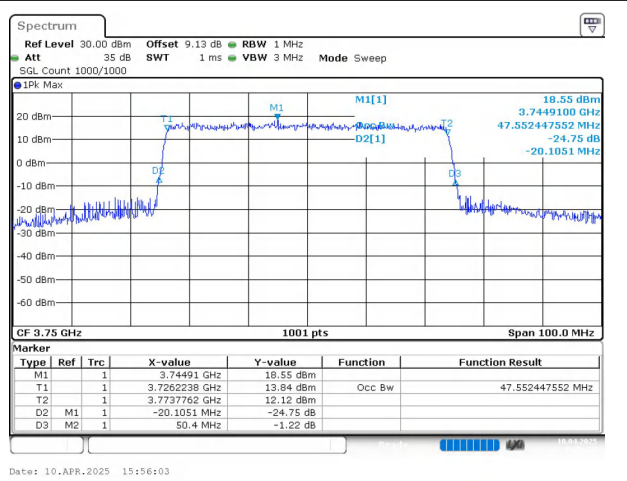
Date: 10.APR.2025 15:55:55

n78(3700-3800) SCS=30kHz CP_QPSK BW=50MHz
Channel=650000 RB=133@0



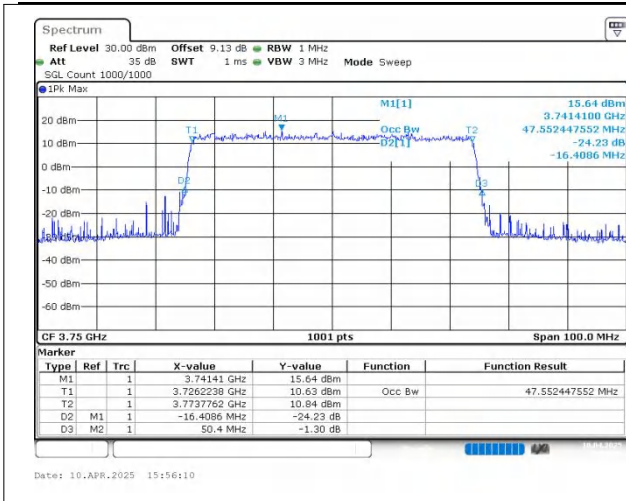
Date: 10.APR.2025 15:55:59

n78(3700-3800) SCS=30kHz CP_16QAM BW=50MHz
Channel=650000 RB=133@0

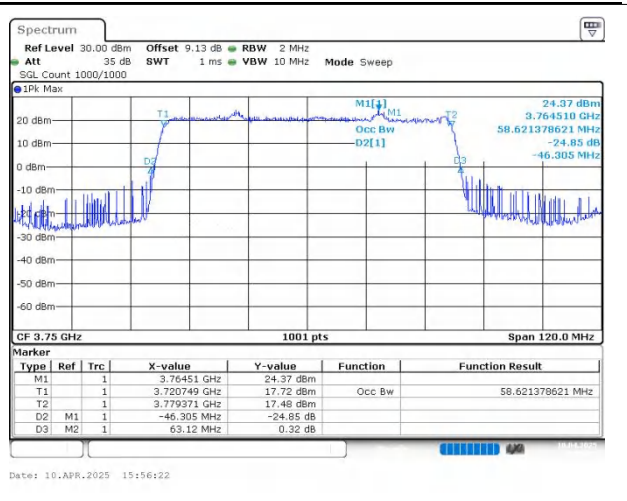


Date: 10.APR.2025 15:56:03

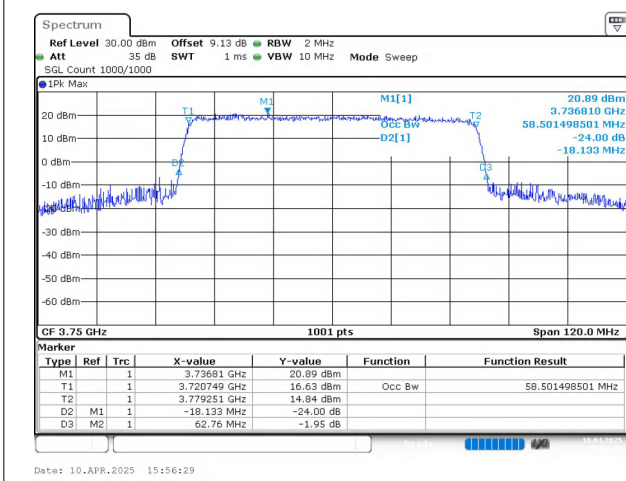
n78(3700-3800) SCS=30kHz CP_64QAM BW=50MHz
Channel=650000 RB=133@0



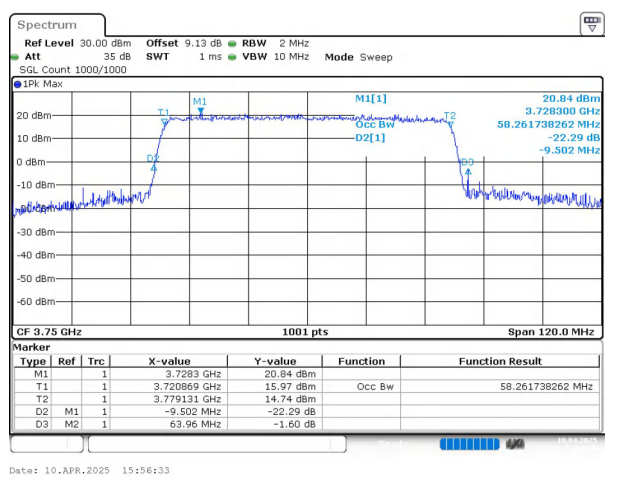
n78(3700-3800) SCS=30kHz CP_256QAM BW=50MHz
Channel=650000 RB=133@0



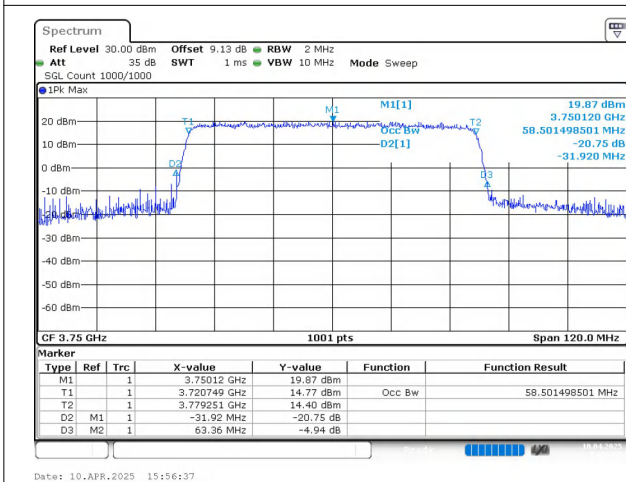
n78(3700-3800) SCS=30kHz DFT_BPSK BW=60MHz
Channel=650000 RB=162@0



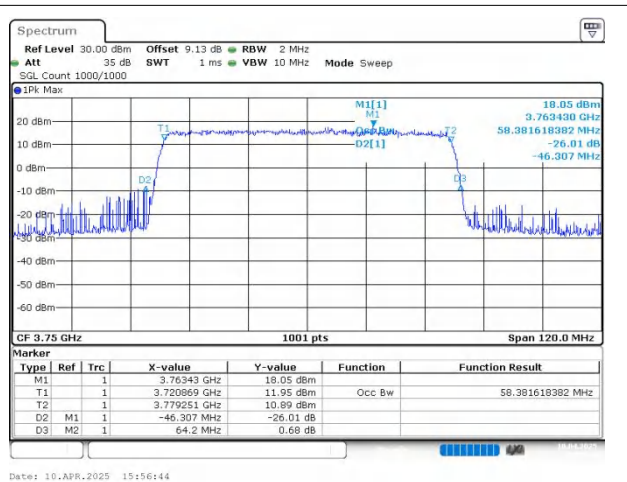
n78(3700-3800) SCS=30kHz CP_QPSK BW=60MHz
Channel=650000 RB=162@0



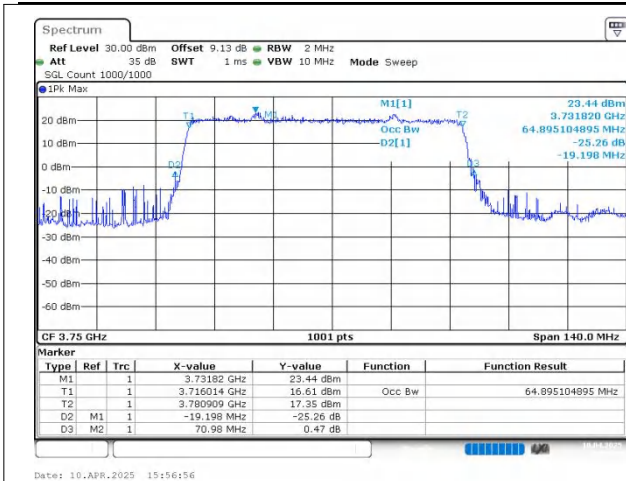
n78(3700-3800) SCS=30kHz CP_16QAM BW=60MHz
Channel=650000 RB=162@0



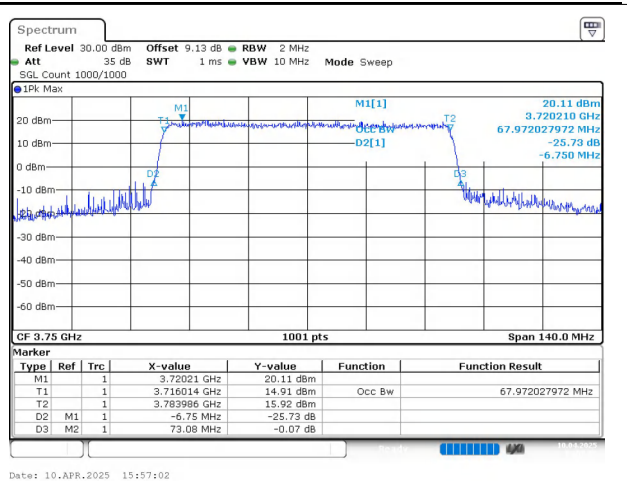
n78(3700-3800) SCS=30kHz CP_64QAM BW=60MHz
Channel=650000 RB=162@0



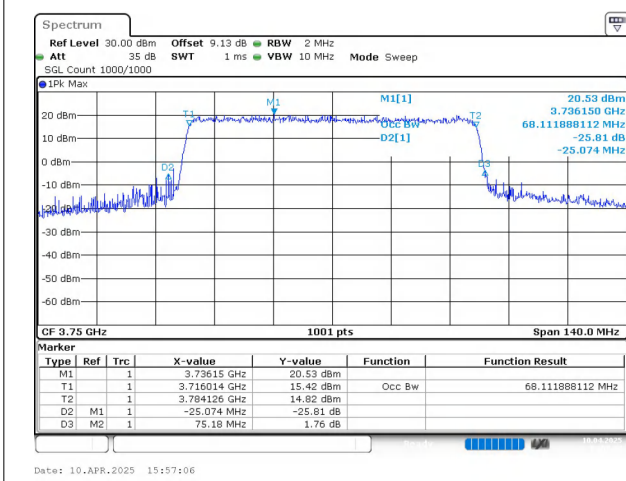
n78(3700-3800) SCS=30kHz CP_256QAM BW=60MHz
Channel=650000 RB=162@0



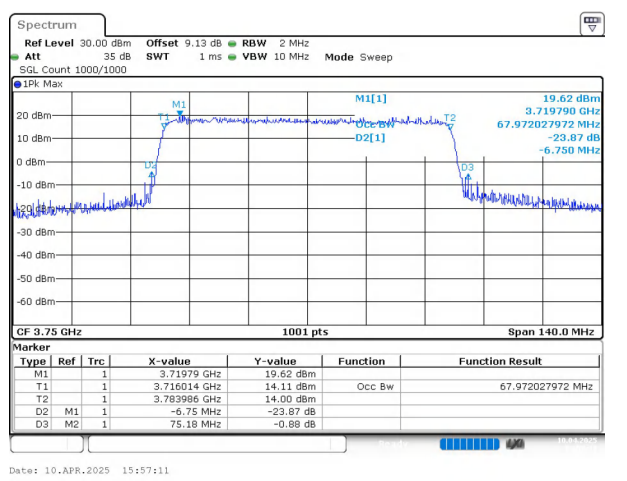
n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz
Channel=650000 RB=180@0



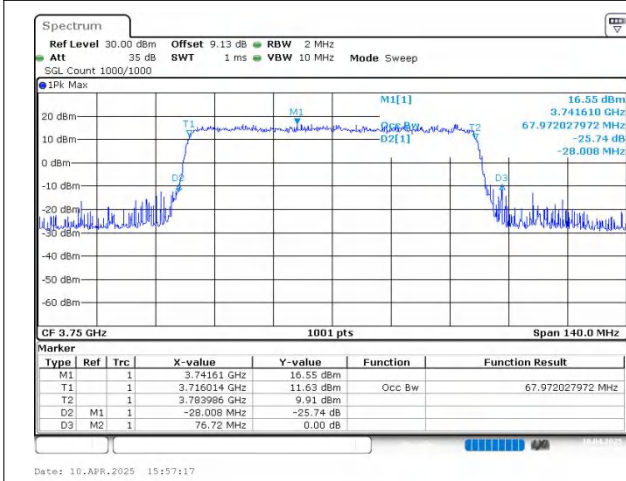
n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz
Channel=650000 RB=189@0



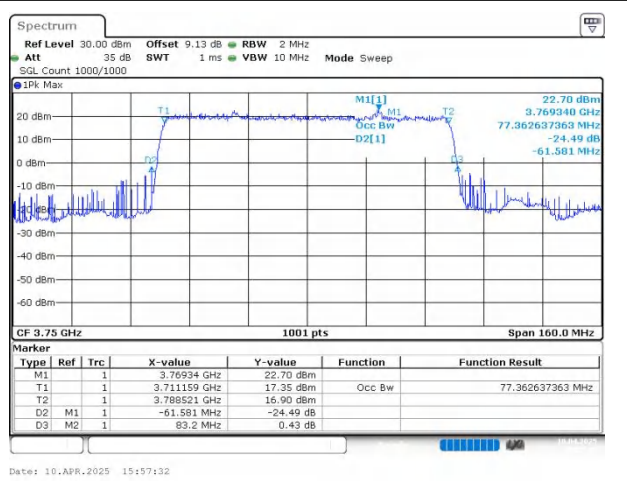
n78(3700-3800) SCS=30kHz CP_16QAM BW=70MHz
Channel=650000 RB=189@0



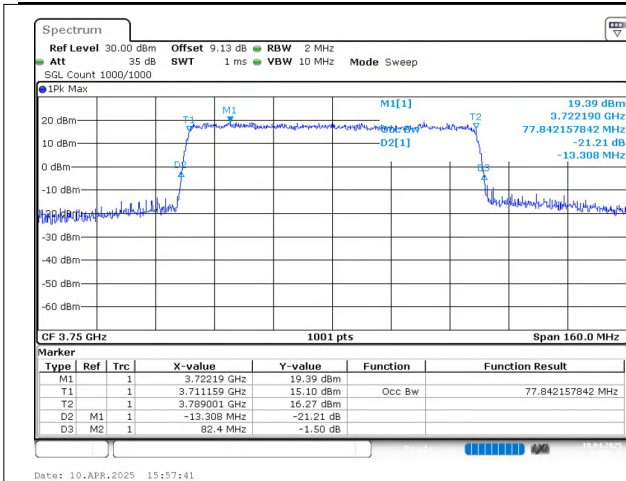
n78(3700-3800) SCS=30kHz CP_64QAM BW=70MHz
Channel=650000 RB=189@0



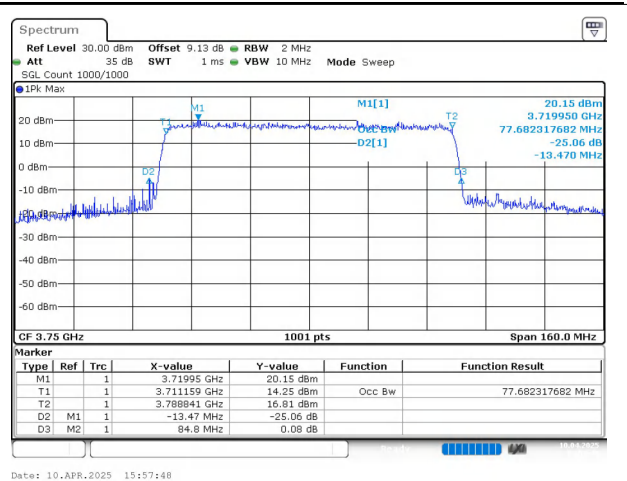
n78(3700-3800) SCS=30kHz CP_256QAM BW=70MHz
Channel=650000 RB=189@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=80MHz
Channel=650000 RB=216@0



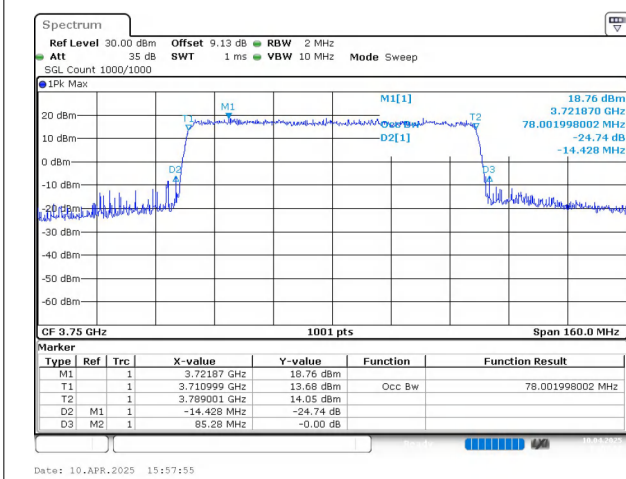
Date: 10.APR.2025 15:57:41



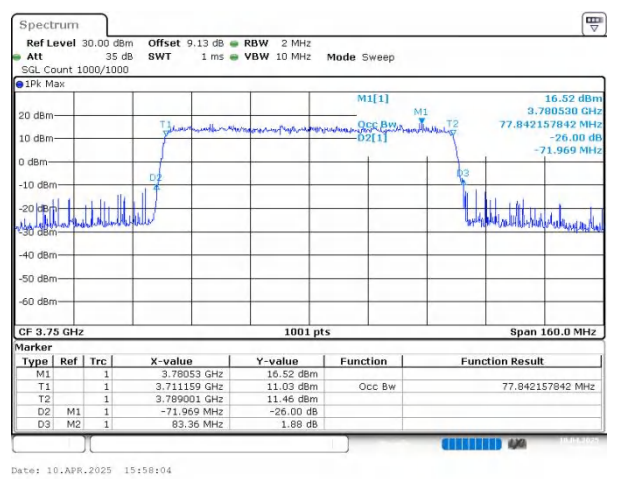
Date: 10.APR.2025 15:57:48

n78(3700-3800) SCS=30kHz CP_QPSK BW=80MHz
Channel=650000 RB=217@0

n78(3700-3800) SCS=30kHz CP_16QAM BW=80MHz
Channel=650000 RB=217@0



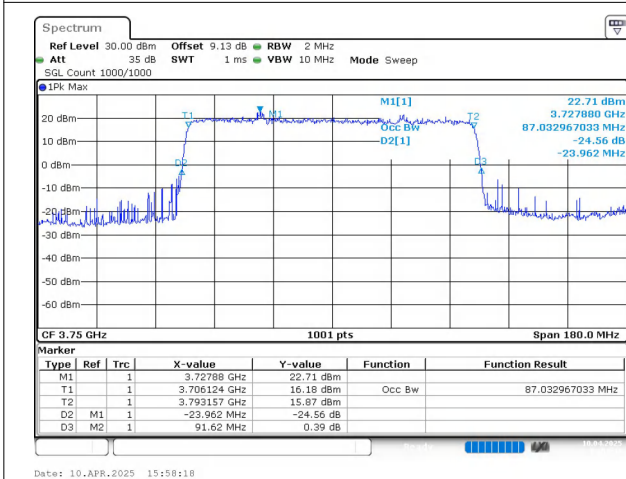
Date: 10.APR.2025 15:57:55



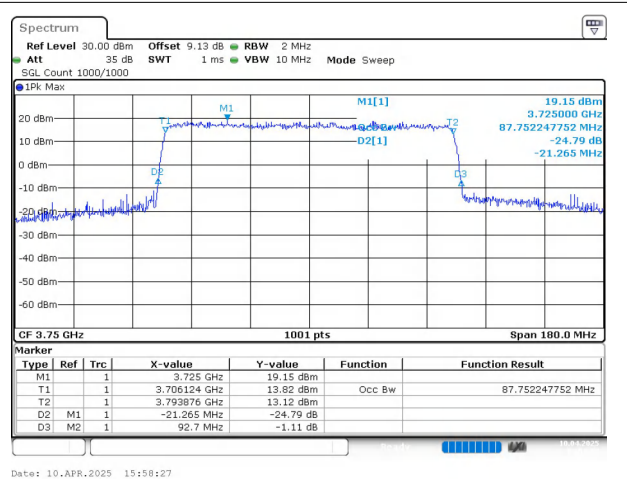
Date: 10.APR.2025 15:58:04

n78(3700-3800) SCS=30kHz CP_64QAM BW=80MHz
Channel=650000 RB=217@0

n78(3700-3800) SCS=30kHz CP_256QAM BW=80MHz
Channel=650000 RB=217@0



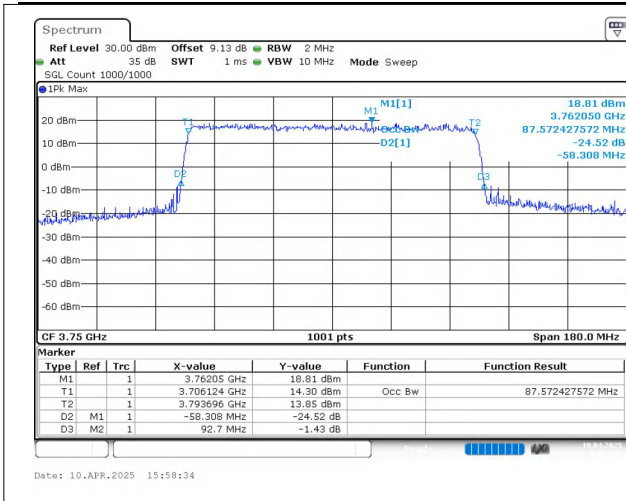
Date: 10.APR.2025 15:58:18



Date: 10.APR.2025 15:58:27

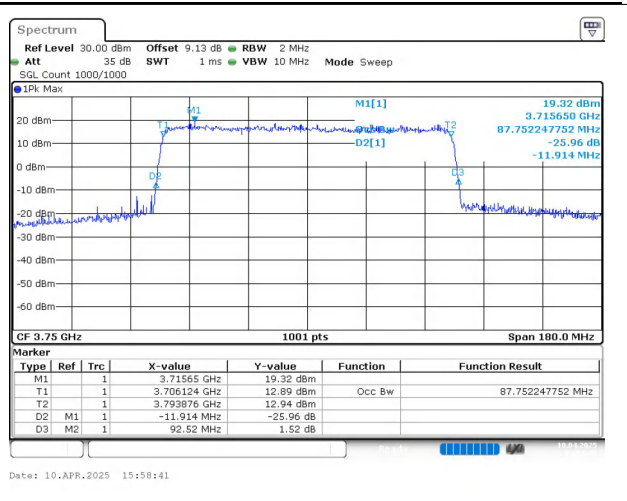
n78(3700-3800) SCS=30kHz DFT_BPSK BW=90MHz
Channel=650000 RB=243@0

n78(3700-3800) SCS=30kHz CP_QPSK BW=90MHz
Channel=650000 RB=245@0



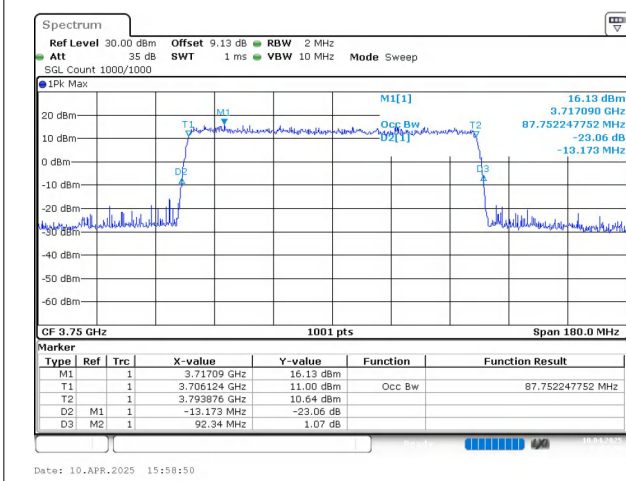
Date: 10.APR.2025 15:58:34

n78(3700-3800) SCS=30kHz CP_16QAM BW=90MHz
Channel=650000 RB=245@0



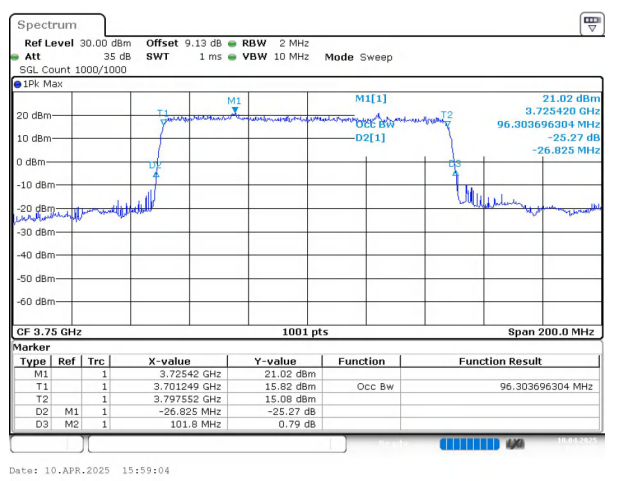
Date: 10.APR.2025 15:58:41

n78(3700-3800) SCS=30kHz CP_64QAM BW=90MHz
Channel=650000 RB=245@0



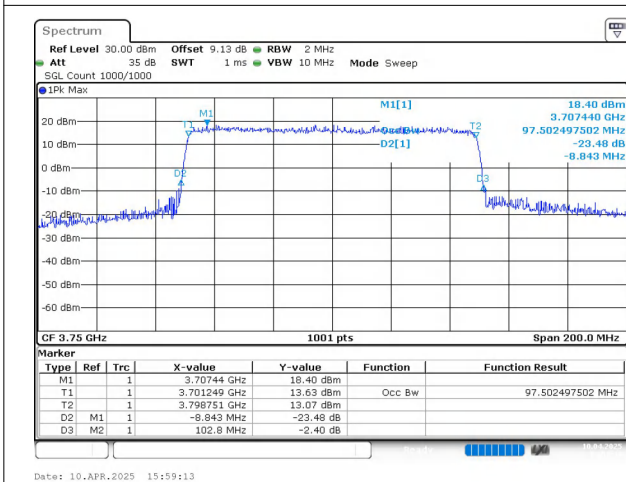
Date: 10.APR.2025 15:58:50

n78(3700-3800) SCS=30kHz CP_256QAM BW=90MHz
Channel=650000 RB=245@0



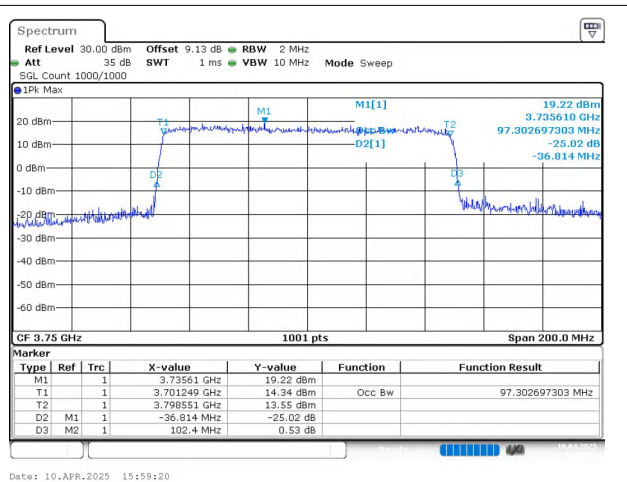
Date: 10.APR.2025 15:59:04

n78(3700-3800) SCS=30kHz DFT_BPSK BW=100MHz
Channel=650000 RB=270@0



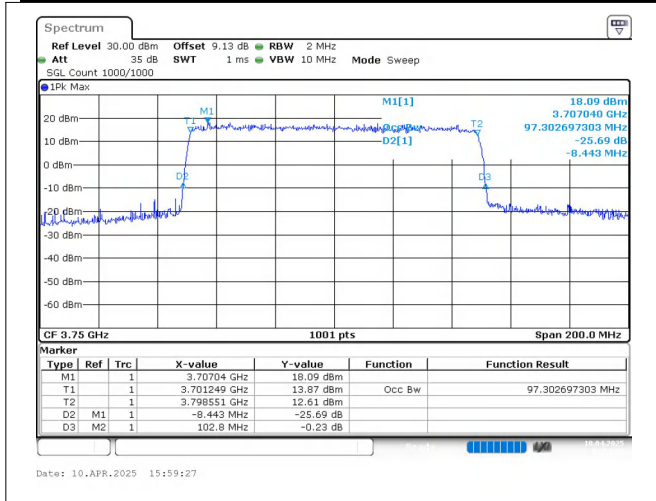
Date: 10.APR.2025 15:59:13

n78(3700-3800) SCS=30kHz CP_QPSK BW=100MHz
Channel=650000 RB=273@0

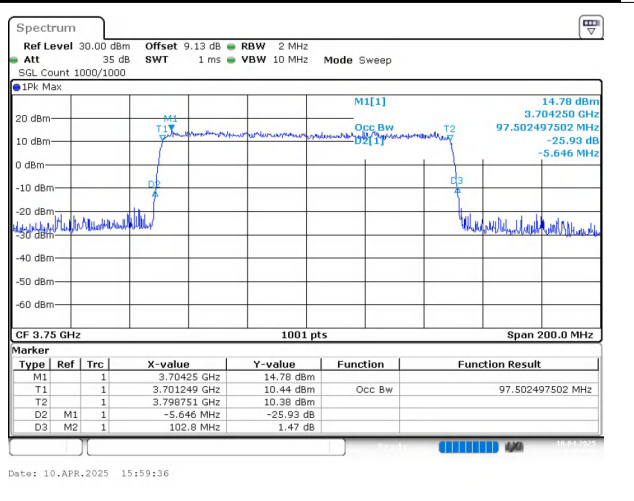


Date: 10.APR.2025 15:59:20

n78(3700-3800) SCS=30kHz CP_16QAM BW=100MHz
Channel=650000 RB=273@0



n78(3700-3800) SCS=30kHz CP_64QAM BW=100MHz
Channel=650000 RB=273@0



n78(3700-3800) SCS=30kHz CP_256QAM BW=100MHz
Channel=650000 RB=273@0

5. Conducted Band Edge

