n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.15	2.3	21.45	139.64	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	17.42	2.3	19.72	93.76	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	17.45	2.3	19.75	94.41	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	17.37	2.3	19.67	92.68	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.13	2.3	19.43	87.7	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	18.91	2.3	21.21	132.13	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	20.39	2.3	22.69	185.78	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	20.45	2.3	22.75	188.36	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	20.16	2.3	22.46	176.2	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	18.9	2.3	21.2	131.83	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	19.89	2.3	22.19	165.58	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	19.92	2.3	22.22	166.72	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	19.65	2.3	21.95	156.68	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	18.38	2.3	20.68	116.95	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	18.4	2.3	20.7	117.49	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	18.22	2.3	20.52	112.72	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	17.94	2.3	20.24	105.68	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	15.4	2.3	17.7	58.88	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	15.43	2.3	17.73	59.29	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	15.5	2.3	17.8	60.26	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	15.2	2.3	17.5	56.23	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	21.52	2.3	23.82	240.99	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	22.07	2.3	24.37	273.53	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	21.99	2.3	24.29	268.53	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	21.64	2.3	23.94	247.74	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	20.98	2.3	23.28	212.81	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	22.03	2.3	24.33	271.02	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.04	2.3	24.34	271.64	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	21.74	2.3	24.04	253.51	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	20	2.3	22.3	169.82	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	21.05	2.3	23.35	216.27	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	20.83	2.3	23.13	205.59	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.51	2.3	22.81	190.99	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.49	2.3	21.79	151.01	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	19.55	2.3	21.85	153.11	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	19.61	2.3	21.91	155.24	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.27	2.3	21.57	143.55	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	17.51	2.3	19.81	95.72	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	17.58	2.3	19.88	97.27	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	17.51	2.3	19.81	95.72	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.2	2.3	19.5	89.13	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	19	2.3	21.3	134.9	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	20.47	2.3	22.77	189.23	1000	PASS

n78(3450-3550)	30	70	634332	1@1	CP_QPSK	20.53	2.3	22.83	191.87	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	20.23	2.3	22.53	179.06	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	18.99	2.3	21.29	134.59	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	19.98	2.3	22.28	169.04	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	19.99	2.3	22.29	169.43	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	19.66	2.3	21.96	157.04	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	18.49	2.3	20.79	119.95	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	18.51	2.3	20.81	120.5	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	18.32	2.3	20.62	115.35	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	17.99	2.3	20.29	106.91	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	15.49	2.3	17.79	60.12	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	15.53	2.3	17.83	60.67	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	15.58	2.3	17.88	61.38	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	15.26	2.3	17.56	57.02	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	21.42	2.3	23.72	235.5	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	21.92	2.3	24.22	264.24	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	21.94	2.3	24.24	265.46	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	21.61	2.3	23.91	246.04	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	20.91	2.3	23.21	209.41	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	21.91	2.3	24.21	263.63	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	21.97	2.3	24.27	267.3	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	21.61	2.3	23.91	246.04	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	19.87	2.3	22.17	164.82	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	20.89	2.3	23.19	208.45	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	20.79	2.3	23.09	203.7	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	20.46	2.3	22.76	188.8	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	19.41	2.3	21.71	148.25	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	19.46	2.3	21.76	149.97	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	19.42	2.3	21.72	148.59	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.11	2.3	21.41	138.36	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	17.46	2.3	19.76	94.62	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	17.44	2.3	19.74	94.19	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	17.42	2.3	19.72	93.76	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.08	2.3	19.38	86.7	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	18.89	2.3	21.19	131.52	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	20.35	2.3	22.65	184.08	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	20.49	2.3	22.79	190.11	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	20.1	2.3	22.4	173.78	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	18.88	2.3	21.18	131.22	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	19.86	2.3	22.16	164.44	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	19.93	2.3	22.23	167.11	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	19.62	2.3	21.92	155.6	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	18.42	2.3	20.72	118.03	1000	PASS

n78(3450-3550)	30	80	632668	109@54	CP_64QAM	18.39	2.3	20.69	117.22	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	18.23	2.3	20.53	112.98	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	17.91	2.3	20.21	104.95	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	15.43	2.3	17.73	59.29	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	15.52	2.3	17.82	60.53	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	15.2	2.3	17.5	56.23	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	21.4	2.3	23.7	234.42	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	21.94	2.3	24.24	265.46	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	21.9	2.3	24.2	263.03	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	21.6	2.3	23.9	245.47	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	20.86	2.3	23.16	207.01	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	21.89	2.3	24.19	262.42	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	21.96	2.3	24.26	266.69	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	21.61	2.3	23.91	246.04	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	19.87	2.3	22.17	164.82	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	20.91	2.3	23.21	209.41	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	20.78	2.3	23.08	203.24	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	20.44	2.3	22.74	187.93	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	19.38	2.3	21.68	147.23	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	19.45	2.3	21.75	149.62	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	19.44	2.3	21.74	149.28	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.13	2.3	21.43	139	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	17.38	2.3	19.68	92.9	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	17.44	2.3	19.74	94.19	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.42	2.3	19.72	93.76	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.08	2.3	19.38	86.7	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	18.86	2.3	21.16	130.62	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	20.37	2.3	22.67	184.93	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	20.48	2.3	22.78	189.67	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	20.11	2.3	22.41	174.18	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	18.85	2.3	21.15	130.32	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	19.88	2.3	22.18	165.2	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	19.92	2.3	22.22	166.72	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	19.66	2.3	21.96	157.04	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	18.39	2.3	20.69	117.22	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	18.39	2.3	20.69	117.22	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	18.26	2.3	20.56	113.76	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	17.9	2.3	20.2	104.71	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	15.4	2.3	17.7	58.88	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	15.42	2.3	17.72	59.16	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	15.53	2.3	17.83	60.67	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	15.18	2.3	17.48	55.98	1000	PASS

n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.43	2.3	23.73	236.05	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	22.04	2.3	24.34	271.64	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	21.99	2.3	24.29	268.53	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	21.63	2.3	23.93	247.17	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	20.96	2.3	23.26	211.84	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	22.01	2.3	24.31	269.77	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.02	2.3	24.32	270.4	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	21.67	2.3	23.97	249.46	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	19.92	2.3	22.22	166.72	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	21	2.3	23.3	213.8	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	20.84	2.3	23.14	206.06	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.5	2.3	22.8	190.55	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.48	2.3	21.78	150.66	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	19.54	2.3	21.84	152.76	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	19.48	2.3	21.78	150.66	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.15	2.3	21.45	139.64	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.49	2.3	19.79	95.28	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	17.55	2.3	19.85	96.61	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	17.48	2.3	19.78	95.06	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.13	2.3	19.43	87.7	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	18.94	2.3	21.24	133.05	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	20.47	2.3	22.77	189.23	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	20.54	2.3	22.84	192.31	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	20.18	2.3	22.48	177.01	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	18.93	2.3	21.23	132.74	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	19.98	2.3	22.28	169.04	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	19.98	2.3	22.28	169.04	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	19.69	2.3	21.99	158.12	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	18.47	2.3	20.77	119.4	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	18.51	2.3	20.81	120.5	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	18.3	2.3	20.6	114.82	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_64QAM	17.97	2.3	20.27	106.41	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	15.49	2.3	17.79	60.12	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	15.58	2.3	17.88	61.38	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	15.58	2.3	17.88	61.38	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	15.25	2.3	17.55	56.89	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	21.37	2.3	23.67	232.81	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	21.9	2.3	24.2	263.03	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	21.87	2.3	24.17	261.22	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	21.51	2.3	23.81	240.44	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	20.86	2.3	23.16	207.01	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	21.88	2.3	24.18	261.82	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	21.91	2.3	24.21	263.63	1000	PASS

n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	21.55	2.3	23.85	242.66	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	19.86	2.3	22.16	164.44	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	20.89	2.3	23.19	208.45	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	20.72	2.3	23.02	200.45	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	20.37	2.3	22.67	184.93	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	19.37	2.3	21.67	146.89	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	19.42	2.3	21.72	148.59	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.39	2.3	21.69	147.57	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.02	2.3	21.32	135.52	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.38	2.3	19.68	92.9	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.44	2.3	19.74	94.19	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.36	2.3	19.66	92.47	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.04	2.3	19.34	85.9	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	18.85	2.3	21.15	130.32	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	20.35	2.3	22.65	184.08	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	20.38	2.3	22.68	185.35	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	20.04	2.3	22.34	171.4	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	18.8	2.3	21.1	128.82	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	19.85	2.3	22.15	164.06	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	19.85	2.3	22.15	164.06	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	19.54	2.3	21.84	152.76	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	18.36	2.3	20.66	116.41	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	18.38	2.3	20.68	116.95	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	18.13	2.3	20.43	110.41	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	17.84	2.3	20.14	103.28	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	15.37	2.3	17.67	58.48	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	15.4	2.3	17.7	58.88	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	15.44	2.3	17.74	59.43	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	15.1	2.3	17.4	54.95	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	21.39	2.3	23.69	233.88	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	21.93	2.3	24.23	264.85	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	21.86	2.3	24.16	260.62	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	21.54	2.3	23.84	242.1	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	20.89	2.3	23.19	208.45	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	21.93	2.3	24.23	264.85	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	21.93	2.3	24.23	264.85	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	21.58	2.3	23.88	244.34	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	19.91	2.3	22.21	166.34	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	20.94	2.3	23.24	210.86	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	20.71	2.3	23.01	199.99	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	20.37	2.3	22.67	184.93	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	19.4	2.3	21.7	147.91	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	19.45	2.3	21.75	149.62	1000	PASS

n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	19.38	2.3	21.68	147.23	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.02	2.3	21.32	135.52	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	17.43	2.3	19.73	93.97	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	17.48	2.3	19.78	95.06	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.36	2.3	19.66	92.47	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.03	2.3	19.33	85.7	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	18.87	2.3	21.17	130.92	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	20.37	2.3	22.67	184.93	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	20.42	2.3	22.72	187.07	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	20.05	2.3	22.35	171.79	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	18.88	2.3	21.18	131.22	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	19.9	2.3	22.2	165.96	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	19.91	2.3	22.21	166.34	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	19.55	2.3	21.85	153.11	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	18.4	2.3	20.7	117.49	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	18.42	2.3	20.72	118.03	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	18.22	2.3	20.52	112.72	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	17.85	2.3	20.15	103.51	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	15.4	2.3	17.7	58.88	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	15.42	2.3	17.72	59.16	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	15.11	2.3	17.41	55.08	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	21.55	2.3	23.85	242.66	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.09	2.3	24.39	274.79	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.05	2.3	24.35	272.27	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	21.61	2.3	23.91	246.04	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.04	2.3	23.34	215.77	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.06	2.3	24.36	272.9	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.09	2.3	24.39	274.79	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	21.66	2.3	23.96	248.89	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.03	2.3	22.33	171	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.07	2.3	23.37	217.27	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	20.89	2.3	23.19	208.45	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.5	2.3	22.8	190.55	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	19.53	2.3	21.83	152.41	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	19.58	2.3	21.88	154.17	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	19.58	2.3	21.88	154.17	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.14	2.3	21.44	139.32	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	17.57	2.3	19.87	97.05	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	17.61	2.3	19.91	97.95	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	17.55	2.3	19.85	96.61	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.08	2.3	19.38	86.7	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	19.01	2.3	21.31	135.21	1000	PASS

n78(3450-3550)	30	90	633666	123@61	CP_QPSK	20.5	2.3	22.8	190.55	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	20.58	2.3	22.88	194.09	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	20.24	2.3	22.54	179.47	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	18.97	2.3	21.27	133.97	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	20.04	2.3	22.34	171.4	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	20.11	2.3	22.41	174.18	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	19.76	2.3	22.06	160.69	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	18.49	2.3	20.79	119.95	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	18.56	2.3	20.86	121.9	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	18.4	2.3	20.7	117.49	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	18.01	2.3	20.31	107.4	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	15.55	2.3	17.85	60.95	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	15.59	2.3	17.89	61.52	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	15.66	2.3	17.96	62.52	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	15.27	2.3	17.57	57.15	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	21.4	2.3	23.7	234.42	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	21.95	2.3	24.25	266.07	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	21.92	2.3	24.22	264.24	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	23.43	2.3	25.73	374.11	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	22.73	2.3	25.03	318.42	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	23.75	2.3	26.05	402.72	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	23.64	2.3	25.94	392.64	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	23.51	2.3	25.81	381.07	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	21.72	2.3	24.02	252.35	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	22.78	2.3	25.08	322.11	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	22.92	2.3	25.22	332.66	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	22.77	2.3	25.07	321.37	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	21.25	2.3	23.55	226.46	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	21.31	2.3	23.61	229.61	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	21.27	2.3	23.57	227.51	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	21.15	2.3	23.45	221.31	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	19.27	2.3	21.57	143.55	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	19.35	2.3	21.65	146.22	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	19.35	2.3	21.65	146.22	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	19.19	2.3	21.49	140.93	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	20.66	2.3	22.96	197.7	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	22.2	2.3	24.5	281.84	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	22.03	2.3	24.33	271.02	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	21.86	2.3	24.16	260.62	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	20.67	2.3	22.97	198.15	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	21.77	2.3	24.07	255.27	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	21.53	2.3	23.83	241.55	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	21.4	2.3	23.7	234.42	1000	PASS

n78(3450-3550)	30	100	633334	273@0	CP_64QAM	20.21	2.3	22.51	178.24	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	20.26	2.3	22.56	180.3	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	20.2	2.3	22.5	177.83	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	20.06	2.3	22.36	172.19	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	17.25	2.3	19.55	90.16	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	17.3	2.3	19.6	91.2	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	17.34	2.3	19.64	92.04	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	17.19	2.3	19.49	88.92	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	630334	24@0	DFT_BPSK	21.48	2.3	23.78	238.78	1000	PASS
DC_5A_n78A	30	10	630334	12@6	DFT_BPSK	21.96	2.3	24.26	266.69	1000	PASS
DC_5A_n78A	30	10	630334	1@1	DFT_BPSK	21.93	2.3	24.23	264.85	1000	PASS
DC_5A_n78A	30	10	630334	1@22	DFT_BPSK	21.89	2.3	24.19	262.42	1000	PASS
DC_5A_n78A	30	10	630334	24@0	DFT_QPSK	20.92	2.3	23.22	209.89	1000	PASS
DC_5A_n78A	30	10	630334	12@6	DFT_QPSK	22	2.3	24.3	269.15	1000	PASS
DC_5A_n78A	30	10	630334	1@1	DFT_QPSK	21.98	2.3	24.28	267.92	1000	PASS
DC_5A_n78A	30	10	630334	1@22	DFT_QPSK	21.97	2.3	24.27	267.3	1000	PASS
DC_5A_n78A	30	10	630334	24@0	DFT_16QAM	19.98	2.3	22.28	169.04	1000	PASS
DC_5A_n78A	30	10	630334	12@6	DFT_16QAM	20.95	2.3	23.25	211.35	1000	PASS
DC_5A_n78A	30	10	630334	1@1	DFT_16QAM	20.75	2.3	23.05	201.84	1000	PASS
DC_5A_n78A	30	10	630334	1@22	DFT_16QAM	20.77	2.3	23.07	202.77	1000	PASS
DC_5A_n78A	30	10	630334	24@0	DFT_64QAM	19.56	2.3	21.86	153.46	1000	PASS
DC_5A_n78A	30	10	630334	12@6	DFT_64QAM	19.53	2.3	21.83	152.41	1000	PASS
DC_5A_n78A	30	10	630334	1@1	DFT_64QAM	19.42	2.3	21.72	148.59	1000	PASS
DC_5A_n78A	30	10	630334	1@22	DFT_64QAM	19.41	2.3	21.71	148.25	1000	PASS
DC_5A_n78A	30	10	630334	24@0	DFT_256QAM	17.23	2.3	19.53	89.74	1000	PASS
DC_5A_n78A	30	10	630334	12@6	DFT_256QAM	17.11	2.3	19.41	87.3	1000	PASS
DC_5A_n78A	30	10	630334	1@1	DFT_256QAM	17.12	2.3	19.42	87.5	1000	PASS
DC_5A_n78A	30	10	630334	1@22	DFT_256QAM	17.24	2.3	19.54	89.95	1000	PASS
DC_5A_n78A	30	10	630334	24@0	CP_QPSK	19.32	2.3	21.62	145.21	1000	PASS
DC_5A_n78A	30	10	630334	12@6	CP_QPSK	20.35	2.3	22.65	184.08	1000	PASS
DC_5A_n78A	30	10	630334	1@1	CP_QPSK	20.57	2.3	22.87	193.64	1000	PASS
DC_5A_n78A	30	10	630334	1@22	CP_QPSK	20.5	2.3	22.8	190.55	1000	PASS
DC_5A_n78A	30	10	630334	24@0	CP_16QAM	18.93	2.3	21.23	132.74	1000	PASS
DC_5A_n78A	30	10	630334	12@6	CP_16QAM	20.14	2.3	22.44	175.39	1000	PASS
DC_5A_n78A	30	10	630334	1@1	CP_16QAM	20.06	2.3	22.36	172.19	1000	PASS
DC_5A_n78A	30	10	630334	1@22	CP_16QAM	20.02	2.3	22.32	170.61	1000	PASS
DC_5A_n78A	30	10	630334	24@0	CP_64QAM	18.5	2.3	20.8	120.23	1000	PASS
DC_5A_n78A	30	10	630334	12@6	CP_64QAM	18.62	2.3	20.92	123.59	1000	PASS
DC_5A_n78A	30	10	630334	1@1	CP_64QAM	18.27	2.3	20.57	114.02	1000	PASS

DC_5A_n78A	30	10	630334	1@22	CP_64QAM	18.25	2.3	20.55	113.5	1000	PASS
DC_5A_n78A	30	10	630334	24@0	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
DC_5A_n78A	30	10	630334	12@6	CP_256QAM	15.35	2.3	17.65	58.21	1000	PASS
DC_5A_n78A	30	10	630334	1@1	CP_256QAM	15.55	2.3	17.85	60.95	1000	PASS
DC_5A_n78A	30	10	630334	1@22	CP_256QAM	15.57	2.3	17.87	61.24	1000	PASS
DC_5A_n78A	30	10	633334	24@0	DFT_BPSK	20.59	2.3	22.89	194.54	1000	PASS
DC_5A_n78A	30	10	633334	12@6	DFT_BPSK	21.81	2.3	24.11	257.63	1000	PASS
DC_5A_n78A	30	10	633334	1@1	DFT_BPSK	21.81	2.3	24.11	257.63	1000	PASS
DC_5A_n78A	30	10	633334	1@22	DFT_BPSK	21.76	2.3	24.06	254.68	1000	PASS
DC_5A_n78A	30	10	633334	24@0	DFT_QPSK	20.82	2.3	23.12	205.12	1000	PASS
DC_5A_n78A	30	10	633334	12@6	DFT_QPSK	21.9	2.3	24.2	263.03	1000	PASS
DC_5A_n78A	30	10	633334	1@1	DFT_QPSK	21.82	2.3	24.12	258.23	1000	PASS
DC_5A_n78A	30	10	633334	1@22	DFT_QPSK	21.87	2.3	24.17	261.22	1000	PASS
DC_5A_n78A	30	10	633334	24@0	DFT_16QAM	19.85	2.3	22.15	164.06	1000	PASS
DC_5A_n78A	30	10	633334	12@6	DFT_16QAM	20.87	2.3	23.17	207.49	1000	PASS
DC_5A_n78A	30	10	633334	1@1	DFT_16QAM	20.6	2.3	22.9	194.98	1000	PASS
DC_5A_n78A	30	10	633334	1@22	DFT_16QAM	20.64	2.3	22.94	196.79	1000	PASS
DC_5A_n78A	30	10	633334	24@0	DFT_64QAM	19.46	2.3	21.76	149.97	1000	PASS
DC_5A_n78A	30	10	633334	12@6	DFT_64QAM	19.47	2.3	21.77	150.31	1000	PASS
DC_5A_n78A	30	10	633334	1@1	DFT_64QAM	19.26	2.3	21.56	143.22	1000	PASS
DC_5A_n78A	30	10	633334	1@22	DFT_64QAM	19.24	2.3	21.54	142.56	1000	PASS
DC_5A_n78A	30	10	633334	24@0	DFT_256QAM	17.33	2.3	19.63	91.83	1000	PASS
DC_5A_n78A	30	10	633334	12@6	DFT_256QAM	17.47	2.3	19.77	94.84	1000	PASS
DC_5A_n78A	30	10	633334	1@1	DFT_256QAM	17.25	2.3	19.55	90.16	1000	PASS
DC_5A_n78A	30	10	633334	1@22	DFT_256QAM	17.26	2.3	19.56	90.36	1000	PASS
DC_5A_n78A	30	10	633334	24@0	CP_QPSK	19.23	2.3	21.53	142.23	1000	PASS
DC_5A_n78A	30	10	633334	12@6	CP_QPSK	20.25	2.3	22.55	179.89	1000	PASS
DC_5A_n78A	30	10	633334	1@1	CP_QPSK	20.46	2.3	22.76	188.8	1000	PASS
DC_5A_n78A	30	10	633334	1@22	CP_QPSK	20.44	2.3	22.74	187.93	1000	PASS
DC_5A_n78A	30	10	633334	24@0	CP_16QAM	18.74	2.3	21.04	127.06	1000	PASS
DC_5A_n78A	30	10	633334	12@6	CP_16QAM	20.11	2.3	22.41	174.18	1000	PASS
DC_5A_n78A	30	10	633334	1@1	CP_16QAM	19.94	2.3	22.24	167.49	1000	PASS
DC_5A_n78A	30	10	633334	1@22	CP_16QAM	19.82	2.3	22.12	162.93	1000	PASS
DC_5A_n78A	30	10	633334	24@0	CP_64QAM	18.33	2.3	20.63	115.61	1000	PASS
DC_5A_n78A	30	10	633334	12@6	CP_64QAM	18.53	2.3	20.83	121.06	1000	PASS
DC_5A_n78A	30	10	633334	1@1	CP_64QAM	18.12	2.3	20.42	110.15	1000	PASS
DC_5A_n78A	30	10	633334	1@22	CP_64QAM	18.08	2.3	20.38	109.14	1000	PASS
DC_5A_n78A	30	10	633334	24@0	CP_256QAM	15.37	2.3	17.67	58.48	1000	PASS
DC_5A_n78A	30	10	633334	12@6	CP_256QAM	15.36	2.3	17.66	58.34	1000	PASS
DC_5A_n78A	30	10	633334	1@1	CP_256QAM	15.42	2.3	17.72	59.16	1000	PASS
DC_5A_n78A	30	10	633334	1@22	CP_256QAM	15.4	2.3	17.7	58.88	1000	PASS
DC_5A_n78A	30	10	636332	24@0	DFT_BPSK	21.69	2.3	23.99	250.61	1000	PASS
DC_5A_n78A	30	10	636332	12@6	DFT_BPSK	22.03	2.3	24.33	271.02	1000	PASS

DC_5A_n78A	30	10	636332	1@1	DFT_BPSK	22.05	2.3	24.35	272.27	1000	PASS
DC_5A_n78A	30	10	636332	1@22	DFT_BPSK	22	2.3	24.3	269.15	1000	PASS
DC_5A_n78A	30	10	636332	24@0	DFT_QPSK	21.06	2.3	23.36	216.77	1000	PASS
DC_5A_n78A	30	10	636332	12@6	DFT_QPSK	22.05	2.3	24.35	272.27	1000	PASS
DC_5A_n78A	30	10	636332	1@1	DFT_QPSK	22.12	2.3	24.42	276.69	1000	PASS
DC_5A_n78A	30	10	636332	1@22	DFT_QPSK	22.09	2.3	24.39	274.79	1000	PASS
DC_5A_n78A	30	10	636332	24@0	DFT_16QAM	20.17	2.3	22.47	176.6	1000	PASS
DC_5A_n78A	30	10	636332	12@6	DFT_16QAM	21.09	2.3	23.39	218.27	1000	PASS
DC_5A_n78A	30	10	636332	1@1	DFT_16QAM	20.86	2.3	23.16	207.01	1000	PASS
DC_5A_n78A	30	10	636332	1@22	DFT_16QAM	20.79	2.3	23.09	203.7	1000	PASS
DC_5A_n78A	30	10	636332	24@0	DFT_64QAM	19.76	2.3	22.06	160.69	1000	PASS
DC_5A_n78A	30	10	636332	12@6	DFT_64QAM	19.65	2.3	21.95	156.68	1000	PASS
DC_5A_n78A	30	10	636332	1@1	DFT_64QAM	19.55	2.3	21.85	153.11	1000	PASS
DC_5A_n78A	30	10	636332	1@22	DFT_64QAM	19.46	2.3	21.76	149.97	1000	PASS
DC_5A_n78A	30	10	636332	24@0	DFT_256QAM	17.23	2.3	19.53	89.74	1000	PASS
DC_5A_n78A	30	10	636332	12@6	DFT_256QAM	17.11	2.3	19.41	87.3	1000	PASS
DC_5A_n78A	30	10	636332	1@1	DFT_256QAM	17.26	2.3	19.56	90.36	1000	PASS
DC_5A_n78A	30	10	636332	1@22	DFT_256QAM	17.15	2.3	19.45	88.1	1000	PASS
DC_5A_n78A	30	10	636332	24@0	CP_QPSK	19.69	2.3	21.99	158.12	1000	PASS
DC_5A_n78A	30	10	636332	12@6	CP_QPSK	20.45	2.3	22.75	188.36	1000	PASS
DC_5A_n78A	30	10	636332	1@1	CP_QPSK	20.44	2.3	22.74	187.93	1000	PASS
DC_5A_n78A	30	10	636332	1@22	CP_QPSK	20.82	2.3	23.12	205.12	1000	PASS
DC_5A_n78A	30	10	636332	24@0	CP_16QAM	20.1	2.3	22.4	173.78	1000	PASS
DC_5A_n78A	30	10	636332	12@6	CP_16QAM	20.2	2.3	22.5	177.83	1000	PASS
DC_5A_n78A	30	10	636332	1@1	CP_16QAM	20.18	2.3	22.48	177.01	1000	PASS
DC_5A_n78A	30	10	636332	1@22	CP_16QAM	20.12	2.3	22.42	174.58	1000	PASS
DC_5A_n78A	30	10	636332	24@0	CP_64QAM	18.62	2.3	20.92	123.59	1000	PASS
DC_5A_n78A	30	10	636332	12@6	CP_64QAM	18.63	2.3	20.93	123.88	1000	PASS
DC_5A_n78A	30	10	636332	1@1	CP_64QAM	18.36	2.3	20.66	116.41	1000	PASS
DC_5A_n78A	30	10	636332	1@22	CP_64QAM	18.34	2.3	20.64	115.88	1000	PASS
DC_5A_n78A	30	10	636332	24@0	CP_256QAM	15.55	2.3	17.85	60.95	1000	PASS
DC_5A_n78A	30	10	636332	12@6	CP_256QAM	15.65	2.3	17.95	62.37	1000	PASS
DC_5A_n78A	30	10	636332	1@1	CP_256QAM	15.69	2.3	17.99	62.95	1000	PASS
DC_5A_n78A	30	10	636332	1@22	CP_256QAM	15.65	2.3	17.95	62.37	1000	PASS
DC_5A_n78A	30	15	630500	36@0	DFT_BPSK	21.77	2.3	24.07	255.27	1000	PASS
DC_5A_n78A	30	15	630500	18@9	DFT_BPSK	22.13	2.3	24.43	277.33	1000	PASS
DC_5A_n78A	30	15	630500	1@1	DFT_BPSK	21.96	2.3	24.26	266.69	1000	PASS
DC_5A_n78A	30	15	630500	1@36	DFT_BPSK	22	2.3	24.3	269.15	1000	PASS
DC_5A_n78A	30	15	630500	36@0	DFT_QPSK	21.12	2.3	23.42	219.79	1000	PASS
DC_5A_n78A	30	15	630500	18@9	DFT_QPSK	22.09	2.3	24.39	274.79	1000	PASS
DC_5A_n78A	30	15	630500	1@1	DFT_QPSK	22.05	2.3	24.35	272.27	1000	PASS
DC_5A_n78A	30	15	630500	1@36	DFT_QPSK	22	2.3	24.3	269.15	1000	PASS
DC_5A_n78A	30	15	630500	36@0	DFT_16QAM	20.14	2.3	22.44	175.39	1000	PASS

DC_5A_n78A	30	15	630500	18@9	DFT_16QAM	21.09	2.3	23.39	218.27	1000	PASS
DC_5A_n78A	30	15	630500	1@1	DFT_16QAM	20.88	2.3	23.18	207.97	1000	PASS
DC_5A_n78A	30	15	630500	1@36	DFT_16QAM	20.79	2.3	23.09	203.7	1000	PASS
DC_5A_n78A	30	15	630500	36@0	DFT_64QAM	19.56	2.3	21.86	153.46	1000	PASS
DC_5A_n78A	30	15	630500	18@9	DFT_64QAM	19.65	2.3	21.95	156.68	1000	PASS
DC_5A_n78A	30	15	630500	1@1	DFT_64QAM	19.46	2.3	21.76	149.97	1000	PASS
DC_5A_n78A	30	15	630500	1@36	DFT_64QAM	19.41	2.3	21.71	148.25	1000	PASS
DC_5A_n78A	30	15	630500	36@0	DFT_256QAM	17.3	2.3	19.6	91.2	1000	PASS
DC_5A_n78A	30	15	630500	18@9	DFT_256QAM	17.56	2.3	19.86	96.83	1000	PASS
DC_5A_n78A	30	15	630500	1@1	DFT_256QAM	17.32	2.3	19.62	91.62	1000	PASS
DC_5A_n78A	30	15	630500	1@36	DFT_256QAM	17.71	2.3	20.01	100.23	1000	PASS
DC_5A_n78A	30	15	630500	38@0	CP_QPSK	19.24	2.3	21.54	142.56	1000	PASS
DC_5A_n78A	30	15	630500	19@9	CP_QPSK	20.15	2.3	22.45	175.79	1000	PASS
DC_5A_n78A	30	15	630500	1@1	CP_QPSK	20.36	2.3	22.66	184.5	1000	PASS
DC_5A_n78A	30	15	630500	1@36	CP_QPSK	20.14	2.3	22.44	175.39	1000	PASS
DC_5A_n78A	30	15	630500	38@0	CP_16QAM	19.68	2.3	21.98	157.76	1000	PASS
DC_5A_n78A	30	15	630500	19@9	CP_16QAM	20.07	2.3	22.37	172.58	1000	PASS
DC_5A_n78A	30	15	630500	1@1	CP_16QAM	19.87	2.3	22.17	164.82	1000	PASS
DC_5A_n78A	30	15	630500	1@36	CP_16QAM	19.85	2.3	22.15	164.06	1000	PASS
DC_5A_n78A	30	15	630500	38@0	CP_64QAM	18.53	2.3	20.83	121.06	1000	PASS
DC_5A_n78A	30	15	630500	19@9	CP_64QAM	18.58	2.3	20.88	122.46	1000	PASS
DC_5A_n78A	30	15	630500	1@1	CP_64QAM	18.35	2.3	20.65	116.14	1000	PASS
DC_5A_n78A	30	15	630500	1@36	CP_64QAM	18.26	2.3	20.56	113.76	1000	PASS
DC_5A_n78A	30	15	630500	38@0	CP_256QAM	15.62	2.3	17.92	61.94	1000	PASS
DC_5A_n78A	30	15	630500	19@9	CP_256QAM	15.67	2.3	17.97	62.66	1000	PASS
DC_5A_n78A	30	15	630500	1@1	CP_256QAM	15.67	2.3	17.97	62.66	1000	PASS
DC_5A_n78A	30	15	630500	1@36	CP_256QAM	15.62	2.3	17.92	61.94	1000	PASS
DC_5A_n78A	30	15	633334	36@0	DFT_BPSK	21.12	2.3	23.42	219.79	1000	PASS
DC_5A_n78A	30	15	633334	18@9	DFT_BPSK	22.15	2.3	24.45	278.61	1000	PASS
DC_5A_n78A	30	15	633334	1@1	DFT_BPSK	21.69	2.3	23.99	250.61	1000	PASS
DC_5A_n78A	30	15	633334	1@36	DFT_BPSK	21.86	2.3	24.16	260.62	1000	PASS
DC_5A_n78A	30	15	633334	36@0	DFT_QPSK	20.93	2.3	23.23	210.38	1000	PASS
DC_5A_n78A	30	15	633334	18@9	DFT_QPSK	22	2.3	24.3	269.15	1000	PASS
DC_5A_n78A	30	15	633334	1@1	DFT_QPSK	21.86	2.3	24.16	260.62	1000	PASS
DC_5A_n78A	30	15	633334	1@36	DFT_QPSK	21.86	2.3	24.16	260.62	1000	PASS
DC_5A_n78A	30	15	633334	36@0	DFT_16QAM	19.97	2.3	22.27	168.66	1000	PASS
DC_5A_n78A	30	15	633334	18@9	DFT_16QAM	20.93	2.3	23.23	210.38	1000	PASS
DC_5A_n78A	30	15	633334	1@1	DFT_16QAM	20.71	2.3	23.01	199.99	1000	PASS
DC_5A_n78A	30	15	633334	1@36	DFT_16QAM	20.67	2.3	22.97	198.15	1000	PASS
DC_5A_n78A	30	15	633334	36@0	DFT_64QAM	19.45	2.3	21.75	149.62	1000	PASS
DC_5A_n78A	30	15	633334	18@9	DFT_64QAM	19.52	2.3	21.82	152.05	1000	PASS
DC_5A_n78A	30	15	633334	1@1	DFT_64QAM	19.31	2.3	21.61	144.88	1000	PASS
DC_5A_n78A	30	15	633334	1@36	DFT_64QAM	19.35	2.3	21.65	146.22	1000	PASS

DC_5A_n78A	30	15	633334	36@0	DFT_256QAM	17.23	2.3	19.53	89.74	1000	PASS
DC_5A_n78A	30	15	633334	18@9	DFT_256QAM	17.22	2.3	19.52	89.54	1000	PASS
DC_5A_n78A	30	15	633334	1@1	DFT_256QAM	17.16	2.3	19.46	88.31	1000	PASS
DC_5A_n78A	30	15	633334	1@36	DFT_256QAM	17.09	2.3	19.39	86.9	1000	PASS
DC_5A_n78A	30	15	633334	38@0	CP_QPSK	19.83	2.3	22.13	163.31	1000	PASS
DC_5A_n78A	30	15	633334	19@9	CP_QPSK	20.44	2.3	22.74	187.93	1000	PASS
DC_5A_n78A	30	15	633334	1@1	CP_QPSK	20.43	2.3	22.73	187.5	1000	PASS
DC_5A_n78A	30	15	633334	1@36	CP_QPSK	20.48	2.3	22.78	189.67	1000	PASS
DC_5A_n78A	30	15	633334	38@0	CP_16QAM	18.98	2.3	21.28	134.28	1000	PASS
DC_5A_n78A	30	15	633334	19@9	CP_16QAM	19.99	2.3	22.29	169.43	1000	PASS
DC_5A_n78A	30	15	633334	1@1	CP_16QAM	19.9	2.3	22.2	165.96	1000	PASS
DC_5A_n78A	30	15	633334	1@36	CP_16QAM	19.81	2.3	22.11	162.55	1000	PASS
DC_5A_n78A	30	15	633334	38@0	CP_64QAM	18.48	2.3	20.78	119.67	1000	PASS
DC_5A_n78A	30	15	633334	19@9	CP_64QAM	18.45	2.3	20.75	118.85	1000	PASS
DC_5A_n78A	30	15	633334	1@1	CP_64QAM	18.13	2.3	20.43	110.41	1000	PASS
DC_5A_n78A	30	15	633334	1@36	CP_64QAM	18.16	2.3	20.46	111.17	1000	PASS
DC_5A_n78A	30	15	633334	38@0	CP_256QAM	15.58	2.3	17.88	61.38	1000	PASS
DC_5A_n78A	30	15	633334	19@9	CP_256QAM	15.59	2.3	17.89	61.52	1000	PASS
DC_5A_n78A	30	15	633334	1@1	CP_256QAM	15.54	2.3	17.84	60.81	1000	PASS
DC_5A_n78A	30	15	633334	1@36	CP_256QAM	15.53	2.3	17.83	60.67	1000	PASS
DC_5A_n78A	30	15	636166	36@0	DFT_BPSK	21.36	2.3	23.66	232.27	1000	PASS
DC_5A_n78A	30	15	636166	18@9	DFT_BPSK	22.15	2.3	24.45	278.61	1000	PASS
DC_5A_n78A	30	15	636166	1@1	DFT_BPSK	22.18	2.3	24.48	280.54	1000	PASS
DC_5A_n78A	30	15	636166	1@36	DFT_BPSK	22.14	2.3	24.44	277.97	1000	PASS
DC_5A_n78A	30	15	636166	36@0	DFT_QPSK	21.36	2.3	23.66	232.27	1000	PASS
DC_5A_n78A	30	15	636166	18@9	DFT_QPSK	22.21	2.3	24.51	282.49	1000	PASS
DC_5A_n78A	30	15	636166	1@1	DFT_QPSK	22.16	2.3	24.46	279.25	1000	PASS
DC_5A_n78A	30	15	636166	1@36	DFT_QPSK	22.12	2.3	24.42	276.69	1000	PASS
DC_5A_n78A	30	15	636166	36@0	DFT_16QAM	20.2	2.3	22.5	177.83	1000	PASS
DC_5A_n78A	30	15	636166	18@9	DFT_16QAM	21.15	2.3	23.45	221.31	1000	PASS
DC_5A_n78A	30	15	636166	1@1	DFT_16QAM	21.01	2.3	23.31	214.29	1000	PASS
DC_5A_n78A	30	15	636166	1@36	DFT_16QAM	20.86	2.3	23.16	207.01	1000	PASS
DC_5A_n78A	30	15	636166	36@0	DFT_64QAM	19.67	2.3	21.97	157.4	1000	PASS
DC_5A_n78A	30	15	636166	18@9	DFT_64QAM	19.79	2.3	22.09	161.81	1000	PASS
DC_5A_n78A	30	15	636166	1@1	DFT_64QAM	19.54	2.3	21.84	152.76	1000	PASS
DC_5A_n78A	30	15	636166	1@36	DFT_64QAM	19.48	2.3	21.78	150.66	1000	PASS
DC_5A_n78A	30	15	636166	36@0	DFT_256QAM	17.6	2.3	19.9	97.72	1000	PASS
DC_5A_n78A	30	15	636166	18@9	DFT_256QAM	17.75	2.3	20.05	101.16	1000	PASS
DC_5A_n78A	30	15	636166	1@1	DFT_256QAM	17.66	2.3	19.96	99.08	1000	PASS
DC_5A_n78A	30	15	636166	1@36	DFT_256QAM	17.62	2.3	19.92	98.17	1000	PASS
DC_5A_n78A	30	15	636166	38@0	CP_QPSK	20.1	2.3	22.4	173.78	1000	PASS
DC_5A_n78A	30	15	636166	19@9	CP_QPSK	20.25	2.3	22.55	179.89	1000	PASS
DC_5A_n78A	30	15	636166	1@1	CP_QPSK	20.15	2.3	22.45	175.79	1000	PASS

DC_5A_n78A	30	15	636166	1@36	CP_QPSK	20.44	2.3	22.74	187.93	1000	PASS
DC_5A_n78A	30	15	636166	38@0	CP_16QAM	19.21	2.3	21.51	141.58	1000	PASS
DC_5A_n78A	30	15	636166	19@9	CP_16QAM	20.2	2.3	22.5	177.83	1000	PASS
DC_5A_n78A	30	15	636166	1@1	CP_16QAM	20.06	2.3	22.36	172.19	1000	PASS
DC_5A_n78A	30	15	636166	1@36	CP_16QAM	20.02	2.3	22.32	170.61	1000	PASS
DC_5A_n78A	30	15	636166	38@0	CP_64QAM	18.72	2.3	21.02	126.47	1000	PASS
DC_5A_n78A	30	15	636166	19@9	CP_64QAM	18.66	2.3	20.96	124.74	1000	PASS
DC_5A_n78A	30	15	636166	1@1	CP_64QAM	18.46	2.3	20.76	119.12	1000	PASS
DC_5A_n78A	30	15	636166	1@36	CP_64QAM	18.29	2.3	20.59	114.55	1000	PASS
DC_5A_n78A	30	15	636166	38@0	CP_256QAM	15.79	2.3	18.09	64.42	1000	PASS
DC_5A_n78A	30	15	636166	19@9	CP_256QAM	15.87	2.3	18.17	65.61	1000	PASS
DC_5A_n78A	30	15	636166	1@1	CP_256QAM	15.77	2.3	18.07	64.12	1000	PASS
DC_5A_n78A	30	15	636166	1@36	CP_256QAM	15.69	2.3	17.99	62.95	1000	PASS
DC_5A_n78A	30	20	630668	50@0	DFT_BPSK	21.96	2.3	24.26	266.69	1000	PASS
DC_5A_n78A	30	20	630668	25@12	DFT_BPSK	22.07	2.3	24.37	273.53	1000	PASS
DC_5A_n78A	30	20	630668	1@1	DFT_BPSK	22.07	2.3	24.37	273.53	1000	PASS
DC_5A_n78A	30	20	630668	1@49	DFT_BPSK	21.95	2.3	24.25	266.07	1000	PASS
DC_5A_n78A	30	20	630668	50@0	DFT_QPSK	21.13	2.3	23.43	220.29	1000	PASS
DC_5A_n78A	30	20	630668	25@12	DFT_QPSK	22.13	2.3	24.43	277.33	1000	PASS
DC_5A_n78A	30	20	630668	1@1	DFT_QPSK	22.03	2.3	24.33	271.02	1000	PASS
DC_5A_n78A	30	20	630668	1@49	DFT_QPSK	22.03	2.3	24.33	271.02	1000	PASS
DC_5A_n78A	30	20	630668	50@0	DFT_16QAM	20.06	2.3	22.36	172.19	1000	PASS
DC_5A_n78A	30	20	630668	25@12	DFT_16QAM	21.07	2.3	23.37	217.27	1000	PASS
DC_5A_n78A	30	20	630668	1@1	DFT_16QAM	20.85	2.3	23.15	206.54	1000	PASS
DC_5A_n78A	30	20	630668	1@49	DFT_16QAM	20.77	2.3	23.07	202.77	1000	PASS
DC_5A_n78A	30	20	630668	50@0	DFT_64QAM	19.55	2.3	21.85	153.11	1000	PASS
DC_5A_n78A	30	20	630668	25@12	DFT_64QAM	19.59	2.3	21.89	154.53	1000	PASS
DC_5A_n78A	30	20	630668	1@1	DFT_64QAM	19.49	2.3	21.79	151.01	1000	PASS
DC_5A_n78A	30	20	630668	1@49	DFT_64QAM	19.47	2.3	21.77	150.31	1000	PASS
DC_5A_n78A	30	20	630668	50@0	DFT_256QAM	17.3	2.3	19.6	91.2	1000	PASS
DC_5A_n78A	30	20	630668	25@12	DFT_256QAM	17.26	2.3	19.56	90.36	1000	PASS
DC_5A_n78A	30	20	630668	1@1	DFT_256QAM	17.44	2.3	19.74	94.19	1000	PASS
DC_5A_n78A	30	20	630668	1@49	DFT_256QAM	17.26	2.3	19.56	90.36	1000	PASS
DC_5A_n78A	30	20	630668	51@0	CP_QPSK	19.86	2.3	22.16	164.44	1000	PASS
DC_5A_n78A	30	20	630668	25@12	CP_QPSK	20.61	2.3	22.91	195.43	1000	PASS
DC_5A_n78A	30	20	630668	1@1	CP_QPSK	20.63	2.3	22.93	196.34	1000	PASS
DC_5A_n78A	30	20	630668	1@49	CP_QPSK	20.51	2.3	22.81	190.99	1000	PASS
DC_5A_n78A	30	20	630668	51@0	CP_16QAM	19.08	2.3	21.38	137.4	1000	PASS
DC_5A_n78A	30	20	630668	25@12	CP_16QAM	20.1	2.3	22.4	173.78	1000	PASS
DC_5A_n78A	30	20	630668	1@1	CP_16QAM	19.98	2.3	22.28	169.04	1000	PASS
DC_5A_n78A	30	20	630668	1@49	CP_16QAM	20	2.3	22.3	169.82	1000	PASS
DC_5A_n78A	30	20	630668	51@0	CP_64QAM	18.59	2.3	20.89	122.74	1000	PASS
DC_5A_n78A	30	20	630668	25@12	CP_64QAM	18.72	2.3	21.02	126.47	1000	PASS

DC_5A_n78A	30	20	630668	1@1	CP_64QAM	18.32	2.3	20.62	115.35	1000	PASS
DC_5A_n78A	30	20	630668	1@49	CP_64QAM	18.33	2.3	20.63	115.61	1000	PASS
DC_5A_n78A	30	20	630668	51@0	CP_256QAM	15.69	2.3	17.99	62.95	1000	PASS
DC_5A_n78A	30	20	630668	25@12	CP_256QAM	15.65	2.3	17.95	62.37	1000	PASS
DC_5A_n78A	30	20	630668	1@1	CP_256QAM	15.68	2.3	17.98	62.81	1000	PASS
DC_5A_n78A	30	20	630668	1@49	CP_256QAM	15.64	2.3	17.94	62.23	1000	PASS
DC_5A_n78A	30	20	633334	50@0	DFT_BPSK	20.86	2.3	23.16	207.01	1000	PASS
DC_5A_n78A	30	20	633334	25@12	DFT_BPSK	21.96	2.3	24.26	266.69	1000	PASS
DC_5A_n78A	30	20	633334	1@1	DFT_BPSK	21.84	2.3	24.14	259.42	1000	PASS
DC_5A_n78A	30	20	633334	1@49	DFT_BPSK	21.86	2.3	24.16	260.62	1000	PASS
DC_5A_n78A	30	20	633334	50@0	DFT_QPSK	20.9	2.3	23.2	208.93	1000	PASS
DC_5A_n78A	30	20	633334	25@12	DFT_QPSK	21.97	2.3	24.27	267.3	1000	PASS
DC_5A_n78A	30	20	633334	1@1	DFT_QPSK	21.89	2.3	24.19	262.42	1000	PASS
DC_5A_n78A	30	20	633334	1@49	DFT_QPSK	21.86	2.3	24.16	260.62	1000	PASS
DC_5A_n78A	30	20	633334	50@0	DFT_16QAM	19.93	2.3	22.23	167.11	1000	PASS
DC_5A_n78A	30	20	633334	25@12	DFT_16QAM	20.93	2.3	23.23	210.38	1000	PASS
DC_5A_n78A	30	20	633334	1@1	DFT_16QAM	20.63	2.3	22.93	196.34	1000	PASS
DC_5A_n78A	30	20	633334	1@49	DFT_16QAM	20.59	2.3	22.89	194.54	1000	PASS
DC_5A_n78A	30	20	633334	50@0	DFT_64QAM	19.41	2.3	21.71	148.25	1000	PASS
DC_5A_n78A	30	20	633334	25@12	DFT_64QAM	19.44	2.3	21.74	149.28	1000	PASS
DC_5A_n78A	30	20	633334	1@1	DFT_64QAM	19.34	2.3	21.64	145.88	1000	PASS
DC_5A_n78A	30	20	633334	1@49	DFT_64QAM	19.34	2.3	21.64	145.88	1000	PASS
DC_5A_n78A	30	20	633334	50@0	DFT_256QAM	17.1	2.3	19.4	87.1	1000	PASS
DC_5A_n78A	30	20	633334	25@12	DFT_256QAM	17.26	2.3	19.56	90.36	1000	PASS
DC_5A_n78A	30	20	633334	1@1	DFT_256QAM	17.22	2.3	19.52	89.54	1000	PASS
DC_5A_n78A	30	20	633334	1@49	DFT_256QAM	17.8	2.3	20.1	102.33	1000	PASS
DC_5A_n78A	30	20	633334	51@0	CP_QPSK	19.9	2.3	22.2	165.96	1000	PASS
DC_5A_n78A	30	20	633334	25@12	CP_QPSK	20.47	2.3	22.77	189.23	1000	PASS
DC_5A_n78A	30	20	633334	1@1	CP_QPSK	20.51	2.3	22.81	190.99	1000	PASS
DC_5A_n78A	30	20	633334	1@49	CP_QPSK	20.4	2.3	22.7	186.21	1000	PASS
DC_5A_n78A	30	20	633334	51@0	CP_16QAM	18.9	2.3	21.2	131.83	1000	PASS
DC_5A_n78A	30	20	633334	25@12	CP_16QAM	20	2.3	22.3	169.82	1000	PASS
DC_5A_n78A	30	20	633334	1@1	CP_16QAM	19.9	2.3	22.2	165.96	1000	PASS
DC_5A_n78A	30	20	633334	1@49	CP_16QAM	19.8	2.3	22.1	162.18	1000	PASS
DC_5A_n78A	30	20	633334	51@0	CP_64QAM	18.44	2.3	20.74	118.58	1000	PASS
DC_5A_n78A	30	20	633334	25@12	CP_64QAM	18.52	2.3	20.82	120.78	1000	PASS
DC_5A_n78A	30	20	633334	1@1	CP_64QAM	18.17	2.3	20.47	111.43	1000	PASS
DC_5A_n78A	30	20	633334	1@49	CP_64QAM	18.09	2.3	20.39	109.4	1000	PASS
DC_5A_n78A	30	20	633334	51@0	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
DC_5A_n78A	30	20	633334	25@12	CP_256QAM	15.53	2.3	17.83	60.67	1000	PASS
DC_5A_n78A	30	20	633334	1@1	CP_256QAM	15.54	2.3	17.84	60.81	1000	PASS
DC_5A_n78A	30	20	633334	1@49	CP_256QAM	15.48	2.3	17.78	59.98	1000	PASS
DC_5A_n78A	30	20	636000	50@0	DFT_BPSK	21.88	2.3	24.18	261.82	1000	PASS

DC_5A_n78A	30	20	636000	25@12	DFT_BPSK	22.17	2.3	24.47	279.9	1000	PASS
DC_5A_n78A	30	20	636000	1@1	DFT_BPSK	22.11	2.3	24.41	276.06	1000	PASS
DC_5A_n78A	30	20	636000	1@49	DFT_BPSK	22.05	2.3	24.35	272.27	1000	PASS
DC_5A_n78A	30	20	636000	50@0	DFT_QPSK	21.19	2.3	23.49	223.36	1000	PASS
DC_5A_n78A	30	20	636000	25@12	DFT_QPSK	22.03	2.3	24.33	271.02	1000	PASS
DC_5A_n78A	30	20	636000	1@1	DFT_QPSK	22.13	2.3	24.43	277.33	1000	PASS
DC_5A_n78A	30	20	636000	1@49	DFT_QPSK	22.1	2.3	24.4	275.42	1000	PASS
DC_5A_n78A	30	20	636000	50@0	DFT_16QAM	20.17	2.3	22.47	176.6	1000	PASS
DC_5A_n78A	30	20	636000	25@12	DFT_16QAM	21.15	2.3	23.45	221.31	1000	PASS
DC_5A_n78A	30	20	636000	1@1	DFT_16QAM	21.01	2.3	23.31	214.29	1000	PASS
DC_5A_n78A	30	20	636000	1@49	DFT_16QAM	20.86	2.3	23.16	207.01	1000	PASS
DC_5A_n78A	30	20	636000	50@0	DFT_64QAM	19.64	2.3	21.94	156.31	1000	PASS
DC_5A_n78A	30	20	636000	25@12	DFT_64QAM	19.65	2.3	21.95	156.68	1000	PASS
DC_5A_n78A	30	20	636000	1@1	DFT_64QAM	19.58	2.3	21.88	154.17	1000	PASS
DC_5A_n78A	30	20	636000	1@49	DFT_64QAM	19.5	2.3	21.8	151.36	1000	PASS
DC_5A_n78A	30	20	636000	50@0	DFT_256QAM	17.1	2.3	19.4	87.1	1000	PASS
DC_5A_n78A	30	20	636000	25@12	DFT_256QAM	17.26	2.3	19.56	90.36	1000	PASS
DC_5A_n78A	30	20	636000	1@1	DFT_256QAM	17.22	2.3	19.52	89.54	1000	PASS
DC_5A_n78A	30	20	636000	1@49	DFT_256QAM	17.18	2.3	19.48	88.72	1000	PASS
DC_5A_n78A	30	20	636000	51@0	CP_QPSK	19.64	2.3	21.94	156.31	1000	PASS
DC_5A_n78A	30	20	636000	25@12	CP_QPSK	20.68	2.3	22.98	198.61	1000	PASS
DC_5A_n78A	30	20	636000	1@1	CP_QPSK	20.7	2.3	23	199.53	1000	PASS
DC_5A_n78A	30	20	636000	1@49	CP_QPSK	20.63	2.3	22.93	196.34	1000	PASS
DC_5A_n78A	30	20	636000	51@0	CP_16QAM	19.15	2.3	21.45	139.64	1000	PASS
DC_5A_n78A	30	20	636000	25@12	CP_16QAM	20.31	2.3	22.61	182.39	1000	PASS
DC_5A_n78A	30	20	636000	1@1	CP_16QAM	20.05	2.3	22.35	171.79	1000	PASS
DC_5A_n78A	30	20	636000	1@49	CP_16QAM	19.95	2.3	22.25	167.88	1000	PASS
DC_5A_n78A	30	20	636000	51@0	CP_64QAM	18.62	2.3	20.92	123.59	1000	PASS
DC_5A_n78A	30	20	636000	25@12	CP_64QAM	18.71	2.3	21.01	126.18	1000	PASS
DC_5A_n78A	30	20	636000	1@1	CP_64QAM	18.46	2.3	20.76	119.12	1000	PASS
DC_5A_n78A	30	20	636000	1@49	CP_64QAM	18.3	2.3	20.6	114.82	1000	PASS
DC_5A_n78A	30	20	636000	51@0	CP_256QAM	15.74	2.3	18.04	63.68	1000	PASS
DC_5A_n78A	30	20	636000	25@12	CP_256QAM	15.78	2.3	18.08	64.27	1000	PASS
DC_5A_n78A	30	20	636000	1@1	CP_256QAM	15.78	2.3	18.08	64.27	1000	PASS
DC_5A_n78A	30	20	636000	1@49	CP_256QAM	15.7	2.3	18	63.1	1000	PASS
DC_5A_n78A	30	40	631334	100@0	DFT_BPSK	21.91	2.3	24.21	263.63	1000	PASS
DC_5A_n78A	30	40	631334	50@25	DFT_BPSK	22.06	2.3	24.36	272.9	1000	PASS
DC_5A_n78A	30	40	631334	1@1	DFT_BPSK	22.08	2.3	24.38	274.16	1000	PASS
DC_5A_n78A	30	40	631334	1@104	DFT_BPSK	21.88	2.3	24.18	261.82	1000	PASS
DC_5A_n78A	30	40	631334	100@0	DFT_QPSK	21.04	2.3	23.34	215.77	1000	PASS
DC_5A_n78A	30	40	631334	50@25	DFT_QPSK	22.05	2.3	24.35	272.27	1000	PASS
DC_5A_n78A	30	40	631334	1@1	DFT_QPSK	22.13	2.3	24.43	277.33	1000	PASS
DC_5A_n78A	30	40	631334	1@104	DFT_QPSK	21.96	2.3	24.26	266.69	1000	PASS

DC_5A_n78A	30	40	631334	100@0	DFT_16QAM	20.05	2.3	22.35	171.79	1000	PASS
DC_5A_n78A	30	40	631334	50@25	DFT_16QAM	21.03	2.3	23.33	215.28	1000	PASS
DC_5A_n78A	30	40	631334	1@1	DFT_16QAM	20.93	2.3	23.23	210.38	1000	PASS
DC_5A_n78A	30	40	631334	1@104	DFT_16QAM	20.72	2.3	23.02	200.45	1000	PASS
DC_5A_n78A	30	40	631334	100@0	DFT_64QAM	19.5	2.3	21.8	151.36	1000	PASS
DC_5A_n78A	30	40	631334	50@25	DFT_64QAM	19.53	2.3	21.83	152.41	1000	PASS
DC_5A_n78A	30	40	631334	1@1	DFT_64QAM	19.53	2.3	21.83	152.41	1000	PASS
DC_5A_n78A	30	40	631334	1@104	DFT_64QAM	19.41	2.3	21.71	148.25	1000	PASS
DC_5A_n78A	30	40	631334	100@0	DFT_256QAM	17.36	2.3	19.66	92.47	1000	PASS
DC_5A_n78A	30	40	631334	50@25	DFT_256QAM	17.14	2.3	19.44	87.9	1000	PASS
DC_5A_n78A	30	40	631334	1@1	DFT_256QAM	17.22	2.3	19.52	89.54	1000	PASS
DC_5A_n78A	30	40	631334	1@104	DFT_256QAM	17.54	2.3	19.84	96.38	1000	PASS
DC_5A_n78A	30	40	631334	106@0	CP_QPSK	19.93	2.3	22.23	167.11	1000	PASS
DC_5A_n78A	30	40	631334	53@26	CP_QPSK	20.54	2.3	22.84	192.31	1000	PASS
DC_5A_n78A	30	40	631334	1@1	CP_QPSK	20.64	2.3	22.94	196.79	1000	PASS
DC_5A_n78A	30	40	631334	1@104	CP_QPSK	20.53	2.3	22.83	191.87	1000	PASS
DC_5A_n78A	30	40	631334	106@0	CP_16QAM	19.09	2.3	21.39	137.72	1000	PASS
DC_5A_n78A	30	40	631334	53@26	CP_16QAM	19.99	2.3	22.29	169.43	1000	PASS
DC_5A_n78A	30	40	631334	1@1	CP_16QAM	20.03	2.3	22.33	171	1000	PASS
DC_5A_n78A	30	40	631334	1@104	CP_16QAM	19.88	2.3	22.18	165.2	1000	PASS
DC_5A_n78A	30	40	631334	106@0	CP_64QAM	18.57	2.3	20.87	122.18	1000	PASS
DC_5A_n78A	30	40	631334	53@26	CP_64QAM	18.61	2.3	20.91	123.31	1000	PASS
DC_5A_n78A	30	40	631334	1@1	CP_64QAM	18.33	2.3	20.63	115.61	1000	PASS
DC_5A_n78A	30	40	631334	1@104	CP_64QAM	18.19	2.3	20.49	111.94	1000	PASS
DC_5A_n78A	30	40	631334	106@0	CP_256QAM	15.55	2.3	17.85	60.95	1000	PASS
DC_5A_n78A	30	40	631334	53@26	CP_256QAM	15.57	2.3	17.87	61.24	1000	PASS
DC_5A_n78A	30	40	631334	1@1	CP_256QAM	15.73	2.3	18.03	63.53	1000	PASS
DC_5A_n78A	30	40	631334	1@104	CP_256QAM	15.58	2.3	17.88	61.38	1000	PASS
DC_5A_n78A	30	40	633334	100@0	DFT_BPSK	21.84	2.3	24.14	259.42	1000	PASS
DC_5A_n78A	30	40	633334	50@25	DFT_BPSK	21.92	2.3	24.22	264.24	1000	PASS
DC_5A_n78A	30	40	633334	1@1	DFT_BPSK	21.89	2.3	24.19	262.42	1000	PASS
DC_5A_n78A	30	40	633334	1@104	DFT_BPSK	21.77	2.3	24.07	255.27	1000	PASS
DC_5A_n78A	30	40	633334	100@0	DFT_QPSK	20.92	2.3	23.22	209.89	1000	PASS
DC_5A_n78A	30	40	633334	50@25	DFT_QPSK	21.9	2.3	24.2	263.03	1000	PASS
DC_5A_n78A	30	40	633334	1@1	DFT_QPSK	21.94	2.3	24.24	265.46	1000	PASS
DC_5A_n78A	30	40	633334	1@104	DFT_QPSK	21.82	2.3	24.12	258.23	1000	PASS
DC_5A_n78A	30	40	633334	100@0	DFT_16QAM	19.87	2.3	22.17	164.82	1000	PASS
DC_5A_n78A	30	40	633334	50@25	DFT_16QAM	20.87	2.3	23.17	207.49	1000	PASS
DC_5A_n78A	30	40	633334	1@1	DFT_16QAM	20.76	2.3	23.06	202.3	1000	PASS
DC_5A_n78A	30	40	633334	1@104	DFT_16QAM	20.6	2.3	22.9	194.98	1000	PASS
DC_5A_n78A	30	40	633334	100@0	DFT_64QAM	19.39	2.3	21.69	147.57	1000	PASS
DC_5A_n78A	30	40	633334	50@25	DFT_64QAM	19.4	2.3	21.7	147.91	1000	PASS
DC_5A_n78A	30	40	633334	1@1	DFT_64QAM	19.36	2.3	21.66	146.55	1000	PASS

DC_5A_n78A	30	40	633334	1@104	DFT_64QAM	19.29	2.3	21.59	144.21	1000	PASS
DC_5A_n78A	30	40	633334	100@0	DFT_256QAM	17.18	2.3	19.48	88.72	1000	PASS
DC_5A_n78A	30	40	633334	50@25	DFT_256QAM	17.22	2.3	19.52	89.54	1000	PASS
DC_5A_n78A	30	40	633334	1@1	DFT_256QAM	17.13	2.3	19.43	87.7	1000	PASS
DC_5A_n78A	30	40	633334	1@104	DFT_256QAM	17.64	2.3	19.94	98.63	1000	PASS
DC_5A_n78A	30	40	633334	106@0	CP_QPSK	19.35	2.3	21.65	146.22	1000	PASS
DC_5A_n78A	30	40	633334	53@26	CP_QPSK	19.88	2.3	22.18	165.2	1000	PASS
DC_5A_n78A	30	40	633334	1@1	CP_QPSK	20.12	2.3	22.42	174.58	1000	PASS
DC_5A_n78A	30	40	633334	1@104	CP_QPSK	20.14	2.3	22.44	175.39	1000	PASS
DC_5A_n78A	30	40	633334	106@0	CP_16QAM	19.17	2.3	21.47	140.28	1000	PASS
DC_5A_n78A	30	40	633334	53@26	CP_16QAM	19.87	2.3	22.17	164.82	1000	PASS
DC_5A_n78A	30	40	633334	1@1	CP_16QAM	19.92	2.3	22.22	166.72	1000	PASS
DC_5A_n78A	30	40	633334	1@104	CP_16QAM	19.81	2.3	22.11	162.55	1000	PASS
DC_5A_n78A	30	40	633334	106@0	CP_64QAM	18.39	2.3	20.69	117.22	1000	PASS
DC_5A_n78A	30	40	633334	53@26	CP_64QAM	18.43	2.3	20.73	118.3	1000	PASS
DC_5A_n78A	30	40	633334	1@1	CP_64QAM	18.23	2.3	20.53	112.98	1000	PASS
DC_5A_n78A	30	40	633334	1@104	CP_64QAM	18.12	2.3	20.42	110.15	1000	PASS
DC_5A_n78A	30	40	633334	106@0	CP_256QAM	15.45	2.3	17.75	59.57	1000	PASS
DC_5A_n78A	30	40	633334	53@26	CP_256QAM	15.42	2.3	17.72	59.16	1000	PASS
DC_5A_n78A	30	40	633334	1@1	CP_256QAM	15.57	2.3	17.87	61.24	1000	PASS
DC_5A_n78A	30	40	633334	1@104	CP_256QAM	15.45	2.3	17.75	59.57	1000	PASS
DC_5A_n78A	30	40	635332	100@0	DFT_BPSK	21.99	2.3	24.29	268.53	1000	PASS
DC_5A_n78A	30	40	635332	50@25	DFT_BPSK	22.14	2.3	24.44	277.97	1000	PASS
DC_5A_n78A	30	40	635332	1@1	DFT_BPSK	21.85	2.3	24.15	260.02	1000	PASS
DC_5A_n78A	30	40	635332	1@104	DFT_BPSK	21.77	2.3	24.07	255.27	1000	PASS
DC_5A_n78A	30	40	635332	100@0	DFT_QPSK	21.23	2.3	23.53	225.42	1000	PASS
DC_5A_n78A	30	40	635332	50@25	DFT_QPSK	21.94	2.3	24.24	265.46	1000	PASS
DC_5A_n78A	30	40	635332	1@1	DFT_QPSK	21.98	2.3	24.28	267.92	1000	PASS
DC_5A_n78A	30	40	635332	1@104	DFT_QPSK	21.86	2.3	24.16	260.62	1000	PASS
DC_5A_n78A	30	40	635332	100@0	DFT_16QAM	19.87	2.3	22.17	164.82	1000	PASS
DC_5A_n78A	30	40	635332	50@25	DFT_16QAM	20.92	2.3	23.22	209.89	1000	PASS
DC_5A_n78A	30	40	635332	1@1	DFT_16QAM	20.77	2.3	23.07	202.77	1000	PASS
DC_5A_n78A	30	40	635332	1@104	DFT_16QAM	20.64	2.3	22.94	196.79	1000	PASS
DC_5A_n78A	30	40	635332	100@0	DFT_64QAM	19.4	2.3	21.7	147.91	1000	PASS
DC_5A_n78A	30	40	635332	50@25	DFT_64QAM	19.44	2.3	21.74	149.28	1000	PASS
DC_5A_n78A	30	40	635332	1@1	DFT_64QAM	19.42	2.3	21.72	148.59	1000	PASS
DC_5A_n78A	30	40	635332	1@104	DFT_64QAM	19.24	2.3	21.54	142.56	1000	PASS
DC_5A_n78A	30	40	635332	100@0	DFT_256QAM	17.15	2.3	19.45	88.1	1000	PASS
DC_5A_n78A	30	40	635332	50@25	DFT_256QAM	17.11	2.3	19.41	87.3	1000	PASS
DC_5A_n78A	30	40	635332	1@1	DFT_256QAM	17.23	2.3	19.53	89.74	1000	PASS
DC_5A_n78A	30	40	635332	1@104	DFT_256QAM	17.11	2.3	19.41	87.3	1000	PASS
DC_5A_n78A	30	40	635332	106@0	CP_QPSK	19.68	2.3	21.98	157.76	1000	PASS
DC_5A_n78A	30	40	635332	53@26	CP_QPSK	20.43	2.3	22.73	187.5	1000	PASS

DC_5A_n78A	30	40	635332	1@1	CP_QPSK	20.6	2.3	22.9	194.98	1000	PASS
DC_5A_n78A	30	40	635332	1@104	CP_QPSK	20.47	2.3	22.77	189.23	1000	PASS
DC_5A_n78A	30	40	635332	106@0	CP_16QAM	18.94	2.3	21.24	133.05	1000	PASS
DC_5A_n78A	30	40	635332	53@26	CP_16QAM	19.92	2.3	22.22	166.72	1000	PASS
DC_5A_n78A	30	40	635332	1@1	CP_16QAM	19.82	2.3	22.12	162.93	1000	PASS
DC_5A_n78A	30	40	635332	1@104	CP_16QAM	19.75	2.3	22.05	160.32	1000	PASS
DC_5A_n78A	30	40	635332	106@0	CP_64QAM	18.41	2.3	20.71	117.76	1000	PASS
DC_5A_n78A	30	40	635332	53@26	CP_64QAM	18.49	2.3	20.79	119.95	1000	PASS
DC_5A_n78A	30	40	635332	1@1	CP_64QAM	18.24	2.3	20.54	113.24	1000	PASS
DC_5A_n78A	30	40	635332	1@104	CP_64QAM	18.12	2.3	20.42	110.15	1000	PASS
DC_5A_n78A	30	40	635332	106@0	CP_256QAM	15.46	2.3	17.76	59.7	1000	PASS
DC_5A_n78A	30	40	635332	53@26	CP_256QAM	15.48	2.3	17.78	59.98	1000	PASS
DC_5A_n78A	30	40	635332	1@1	CP_256QAM	15.59	2.3	17.89	61.52	1000	PASS
DC_5A_n78A	30	40	635332	1@104	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
DC_5A_n78A	30	50	631668	128@0	DFT_BPSK	22.01	2.3	24.31	269.77	1000	PASS
DC_5A_n78A	30	50	631668	64@32	DFT_BPSK	22.07	2.3	24.37	273.53	1000	PASS
DC_5A_n78A	30	50	631668	1@1	DFT_BPSK	21.97	2.3	24.27	267.3	1000	PASS
DC_5A_n78A	30	50	631668	1@131	DFT_BPSK	21.82	2.3	24.12	258.23	1000	PASS
DC_5A_n78A	30	50	631668	128@0	DFT_QPSK	21.05	2.3	23.35	216.27	1000	PASS
DC_5A_n78A	30	50	631668	64@32	DFT_QPSK	22.06	2.3	24.36	272.9	1000	PASS
DC_5A_n78A	30	50	631668	1@1	DFT_QPSK	22.04	2.3	24.34	271.64	1000	PASS
DC_5A_n78A	30	50	631668	1@131	DFT_QPSK	21.91	2.3	24.21	263.63	1000	PASS
DC_5A_n78A	30	50	631668	128@0	DFT_16QAM	20.02	2.3	22.32	170.61	1000	PASS
DC_5A_n78A	30	50	631668	64@32	DFT_16QAM	20.99	2.3	23.29	213.3	1000	PASS
DC_5A_n78A	30	50	631668	1@1	DFT_16QAM	20.81	2.3	23.11	204.64	1000	PASS
DC_5A_n78A	30	50	631668	1@131	DFT_16QAM	20.66	2.3	22.96	197.7	1000	PASS
DC_5A_n78A	30	50	631668	128@0	DFT_64QAM	19.55	2.3	21.85	153.11	1000	PASS
DC_5A_n78A	30	50	631668	64@32	DFT_64QAM	19.53	2.3	21.83	152.41	1000	PASS
DC_5A_n78A	30	50	631668	1@1	DFT_64QAM	19.54	2.3	21.84	152.76	1000	PASS
DC_5A_n78A	30	50	631668	1@131	DFT_64QAM	19.38	2.3	21.68	147.23	1000	PASS
DC_5A_n78A	30	50	631668	128@0	DFT_256QAM	17.09	2.3	19.39	86.9	1000	PASS
DC_5A_n78A	30	50	631668	64@32	DFT_256QAM	17.11	2.3	19.41	87.3	1000	PASS
DC_5A_n78A	30	50	631668	1@1	DFT_256QAM	17.23	2.3	19.53	89.74	1000	PASS
DC_5A_n78A	30	50	631668	1@131	DFT_256QAM	17.14	2.3	19.44	87.9	1000	PASS
DC_5A_n78A	30	50	631668	133@0	CP_QPSK	19.09	2.3	21.39	137.72	1000	PASS
DC_5A_n78A	30	50	631668	67@33	CP_QPSK	20.17	2.3	22.47	176.6	1000	PASS
DC_5A_n78A	30	50	631668	1@1	CP_QPSK	20.15	2.3	22.45	175.79	1000	PASS
DC_5A_n78A	30	50	631668	1@131	CP_QPSK	20.44	2.3	22.74	187.93	1000	PASS
DC_5A_n78A	30	50	631668	133@0	CP_16QAM	19.02	2.3	21.32	135.52	1000	PASS
DC_5A_n78A	30	50	631668	67@33	CP_16QAM	20.04	2.3	22.34	171.4	1000	PASS
DC_5A_n78A	30	50	631668	1@1	CP_16QAM	19.99	2.3	22.29	169.43	1000	PASS
DC_5A_n78A	30	50	631668	1@131	CP_16QAM	19.83	2.3	22.13	163.31	1000	PASS
DC_5A_n78A	30	50	631668	133@0	CP_64QAM	18.5	2.3	20.8	120.23	1000	PASS

DC_5A_n78A	30	50	631668	67@33	CP_64QAM	18.54	2.3	20.84	121.34	1000	PASS
DC_5A_n78A	30	50	631668	1@1	CP_64QAM	18.28	2.3	20.58	114.29	1000	PASS
DC_5A_n78A	30	50	631668	1@131	CP_64QAM	18.11	2.3	20.41	109.9	1000	PASS
DC_5A_n78A	30	50	631668	133@0	CP_256QAM	15.56	2.3	17.86	61.09	1000	PASS
DC_5A_n78A	30	50	631668	67@33	CP_256QAM	15.56	2.3	17.86	61.09	1000	PASS
DC_5A_n78A	30	50	631668	1@1	CP_256QAM	15.62	2.3	17.92	61.94	1000	PASS
DC_5A_n78A	30	50	631668	1@131	CP_256QAM	15.49	2.3	17.79	60.12	1000	PASS
DC_5A_n78A	30	50	633334	128@0	DFT_BPSK	20.97	2.3	23.27	212.32	1000	PASS
DC_5A_n78A	30	50	633334	64@32	DFT_BPSK	21.94	2.3	24.24	265.46	1000	PASS
DC_5A_n78A	30	50	633334	1@1	DFT_BPSK	21.85	2.3	24.15	260.02	1000	PASS
DC_5A_n78A	30	50	633334	1@131	DFT_BPSK	21.7	2.3	24	251.19	1000	PASS
DC_5A_n78A	30	50	633334	128@0	DFT_QPSK	20.94	2.3	23.24	210.86	1000	PASS
DC_5A_n78A	30	50	633334	64@32	DFT_QPSK	21.91	2.3	24.21	263.63	1000	PASS
DC_5A_n78A	30	50	633334	1@1	DFT_QPSK	21.9	2.3	24.2	263.03	1000	PASS
DC_5A_n78A	30	50	633334	1@131	DFT_QPSK	21.77	2.3	24.07	255.27	1000	PASS
DC_5A_n78A	30	50	633334	128@0	DFT_16QAM	19.95	2.3	22.25	167.88	1000	PASS
DC_5A_n78A	30	50	633334	64@32	DFT_16QAM	20.87	2.3	23.17	207.49	1000	PASS
DC_5A_n78A	30	50	633334	1@1	DFT_16QAM	20.64	2.3	22.94	196.79	1000	PASS
DC_5A_n78A	30	50	633334	1@131	DFT_16QAM	20.48	2.3	22.78	189.67	1000	PASS
DC_5A_n78A	30	50	633334	128@0	DFT_64QAM	19.44	2.3	21.74	149.28	1000	PASS
DC_5A_n78A	30	50	633334	64@32	DFT_64QAM	19.41	2.3	21.71	148.25	1000	PASS
DC_5A_n78A	30	50	633334	1@1	DFT_64QAM	19.31	2.3	21.61	144.88	1000	PASS
DC_5A_n78A	30	50	633334	1@131	DFT_64QAM	19.18	2.3	21.48	140.6	1000	PASS
DC_5A_n78A	30	50	633334	128@0	DFT_256QAM	17.23	2.3	19.53	89.74	1000	PASS
DC_5A_n78A	30	50	633334	64@32	DFT_256QAM	17.15	2.3	19.45	88.1	1000	PASS
DC_5A_n78A	30	50	633334	1@1	DFT_256QAM	17.55	2.3	19.85	96.61	1000	PASS
DC_5A_n78A	30	50	633334	1@131	DFT_256QAM	17.12	2.3	19.42	87.5	1000	PASS
DC_5A_n78A	30	50	633334	133@0	CP_QPSK	19.86	2.3	22.16	164.44	1000	PASS
DC_5A_n78A	30	50	633334	67@33	CP_QPSK	20.42	2.3	22.72	187.07	1000	PASS
DC_5A_n78A	30	50	633334	1@1	CP_QPSK	20.5	2.3	22.8	190.55	1000	PASS
DC_5A_n78A	30	50	633334	1@131	CP_QPSK	20.3	2.3	22.6	181.97	1000	PASS
DC_5A_n78A	30	50	633334	133@0	CP_16QAM	18.89	2.3	21.19	131.52	1000	PASS
DC_5A_n78A	30	50	633334	67@33	CP_16QAM	19.91	2.3	22.21	166.34	1000	PASS
DC_5A_n78A	30	50	633334	1@1	CP_16QAM	19.85	2.3	22.15	164.06	1000	PASS
DC_5A_n78A	30	50	633334	1@131	CP_16QAM	19.71	2.3	22.01	158.85	1000	PASS
DC_5A_n78A	30	50	633334	133@0	CP_64QAM	18.43	2.3	20.73	118.3	1000	PASS
DC_5A_n78A	30	50	633334	67@33	CP_64QAM	18.39	2.3	20.69	117.22	1000	PASS
DC_5A_n78A	30	50	633334	1@1	CP_64QAM	18.18	2.3	20.48	111.69	1000	PASS
DC_5A_n78A	30	50	633334	1@131	CP_64QAM	18.04	2.3	20.34	108.14	1000	PASS
DC_5A_n78A	30	50	633334	133@0	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
DC_5A_n78A	30	50	633334	67@33	CP_256QAM	15.47	2.3	17.77	59.84	1000	PASS
DC_5A_n78A	30	50	633334	1@1	CP_256QAM	15.56	2.3	17.86	61.09	1000	PASS
DC_5A_n78A	30	50	633334	1@131	CP_256QAM	15.4	2.3	17.7	58.88	1000	PASS

DC_5A_n78A	30	50	635000	128@0	DFT_BPSK	21.88	2.3	24.18	261.82	1000	PASS
DC_5A_n78A	30	50	635000	64@32	DFT_BPSK	22.04	2.3	24.34	271.64	1000	PASS
DC_5A_n78A	30	50	635000	1@1	DFT_BPSK	22.11	2.3	24.41	276.06	1000	PASS
DC_5A_n78A	30	50	635000	1@131	DFT_BPSK	21.89	2.3	24.19	262.42	1000	PASS
DC_5A_n78A	30	50	635000	128@0	DFT_QPSK	21.3	2.3	23.6	229.09	1000	PASS
DC_5A_n78A	30	50	635000	64@32	DFT_QPSK	21.97	2.3	24.27	267.3	1000	PASS
DC_5A_n78A	30	50	635000	1@1	DFT_QPSK	21.97	2.3	24.27	267.3	1000	PASS
DC_5A_n78A	30	50	635000	1@131	DFT_QPSK	21.8	2.3	24.1	257.04	1000	PASS
DC_5A_n78A	30	50	635000	128@0	DFT_16QAM	19.97	2.3	22.27	168.66	1000	PASS
DC_5A_n78A	30	50	635000	64@32	DFT_16QAM	20.86	2.3	23.16	207.01	1000	PASS
DC_5A_n78A	30	50	635000	1@1	DFT_16QAM	20.72	2.3	23.02	200.45	1000	PASS
DC_5A_n78A	30	50	635000	1@131	DFT_16QAM	20.56	2.3	22.86	193.2	1000	PASS
DC_5A_n78A	30	50	635000	128@0	DFT_64QAM	19.43	2.3	21.73	148.94	1000	PASS
DC_5A_n78A	30	50	635000	64@32	DFT_64QAM	19.46	2.3	21.76	149.97	1000	PASS
DC_5A_n78A	30	50	635000	1@1	DFT_64QAM	19.42	2.3	21.72	148.59	1000	PASS
DC_5A_n78A	30	50	635000	1@131	DFT_64QAM	19.2	2.3	21.5	141.25	1000	PASS
DC_5A_n78A	30	50	635000	128@0	DFT_256QAM	17.1	2.3	19.4	87.1	1000	PASS
DC_5A_n78A	30	50	635000	64@32	DFT_256QAM	17.63	2.3	19.93	98.4	1000	PASS
DC_5A_n78A	30	50	635000	1@1	DFT_256QAM	17.25	2.3	19.55	90.16	1000	PASS
DC_5A_n78A	30	50	635000	1@131	DFT_256QAM	17.17	2.3	19.47	88.51	1000	PASS
DC_5A_n78A	30	50	635000	133@0	CP_QPSK	19.87	2.3	22.17	164.82	1000	PASS
DC_5A_n78A	30	50	635000	67@33	CP_QPSK	20.47	2.3	22.77	189.23	1000	PASS
DC_5A_n78A	30	50	635000	1@1	CP_QPSK	20.59	2.3	22.89	194.54	1000	PASS
DC_5A_n78A	30	50	635000	1@131	CP_QPSK	20.41	2.3	22.71	186.64	1000	PASS
DC_5A_n78A	30	50	635000	133@0	CP_16QAM	18.96	2.3	21.26	133.66	1000	PASS
DC_5A_n78A	30	50	635000	67@33	CP_16QAM	19.94	2.3	22.24	167.49	1000	PASS
DC_5A_n78A	30	50	635000	1@1	CP_16QAM	19.93	2.3	22.23	167.11	1000	PASS
DC_5A_n78A	30	50	635000	1@131	CP_16QAM	19.76	2.3	22.06	160.69	1000	PASS
DC_5A_n78A	30	50	635000	133@0	CP_64QAM	18.44	2.3	20.74	118.58	1000	PASS
DC_5A_n78A	30	50	635000	67@33	CP_64QAM	18.44	2.3	20.74	118.58	1000	PASS
DC_5A_n78A	30	50	635000	1@1	CP_64QAM	18.26	2.3	20.56	113.76	1000	PASS
DC_5A_n78A	30	50	635000	1@131	CP_64QAM	18.06	2.3	20.36	108.64	1000	PASS
DC_5A_n78A	30	50	635000	133@0	CP_256QAM	15.5	2.3	17.8	60.26	1000	PASS
DC_5A_n78A	30	50	635000	67@33	CP_256QAM	15.48	2.3	17.78	59.98	1000	PASS
DC_5A_n78A	30	50	635000	1@1	CP_256QAM	15.58	2.3	17.88	61.38	1000	PASS
DC_5A_n78A	30	50	635000	1@131	CP_256QAM	15.41	2.3	17.71	59.02	1000	PASS
DC_5A_n78A	30	60	632000	162@0	DFT_BPSK	21.33	2.3	23.63	230.67	1000	PASS
DC_5A_n78A	30	60	632000	81@40	DFT_BPSK	21.99	2.3	24.29	268.53	1000	PASS
DC_5A_n78A	30	60	632000	1@1	DFT_BPSK	21.98	2.3	24.28	267.92	1000	PASS
DC_5A_n78A	30	60	632000	1@160	DFT_BPSK	21.74	2.3	24.04	253.51	1000	PASS
DC_5A_n78A	30	60	632000	162@0	DFT_QPSK	21	2.3	23.3	213.8	1000	PASS
DC_5A_n78A	30	60	632000	81@40	DFT_QPSK	21.96	2.3	24.26	266.69	1000	PASS
DC_5A_n78A	30	60	632000	1@1	DFT_QPSK	22.04	2.3	24.34	271.64	1000	PASS