Appendix F : Test Result - n38-n41

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
n38	30	10	515000	24@0	DFT_BPSK	21.93	1.56	23.49	223.36	2000	PASS
n38	30	10	515000	12@6	DFT_BPSK	22.37	1.56	23.93	247.17	2000	PASS
n38	30	10	515000	1@1	DFT_BPSK	22.37	1.56	23.93	247.17	2000	PASS
n38	30	10	515000	1@22	DFT_BPSK	22.35	1.56	23.91	246.04	2000	PASS
n38	30	10	515000	24@0	DFT_QPSK	21.42	1.56	22.98	198.61	2000	PASS
n38	30	10	515000	12@6	DFT_QPSK	22.4	1.56	23.96	248.89	2000	PASS
n38	30	10	515000	1@1	DFT_QPSK	22.39	1.56	23.95	248.31	2000	PASS
n38	30	10	515000	1@22	DFT_QPSK	22.3	1.56	23.86	243.22	2000	PASS
n38	30	10	515000	24@0	DFT_16QAM	20.53	1.56	22.09	161.81	2000	PASS
n38	30	10	515000	12@6	DFT_16QAM	21.5	1.56	23.06	202.3	2000	PASS
n38	30	10	515000	1@1	DFT_16QAM	21.25	1.56	22.81	190.99	2000	PASS
n38	30	10	515000	1@22	DFT_16QAM	21.23	1.56	22.79	190.11	2000	PASS
n38	30	10	515000	24@0	DFT_64QAM	19.91	1.56	21.47	140.28	2000	PASS
n38	30	10	515000	12@6	DFT_64QAM	20.06	1.56	21.62	145.21	2000	PASS
n38	30	10	515000	1@1	DFT_64QAM	20.05	1.56	21.61	144.88	2000	PASS
n38	30	10	515000	1@22	DFT_64QAM	19.95	1.56	21.51	141.58	2000	PASS
n38	30	10	515000	24@0	DFT_256QAM	17.91	1.56	19.47	88.51	2000	PASS
n38	30	10	515000	12@6	DFT_256QAM	18.15	1.56	19.71	93.54	2000	PASS
n38	30	10	515000	1@1	DFT_256QAM	17.86	1.56	19.42	87.5	2000	PASS
n38	30	10	515000	1@22	DFT_256QAM	17.91	1.56	19.47	88.51	2000	PASS
n38	30	10	515000	24@0	CP_QPSK	19.44	1.56	21	125.89	2000	PASS
n38	30	10	515000	12@6	CP_QPSK	20.85	1.56	22.41	174.18	2000	PASS
n38	30	10	515000	1@1	CP_QPSK	20.83	1.56	22.39	173.38	2000	PASS
n38	30	10	515000	1@22	CP_QPSK	20.81	1.56	22.37	172.58	2000	PASS
n38	30	10	515000	24@0	CP_16QAM	19.5	1.56	21.06	127.64	2000	PASS
n38	30	10	515000	12@6	CP_16QAM	20.5	1.56	22.06	160.69	2000	PASS
n38	30	10	515000	1@1	CP_16QAM	20.67	1.56	22.23	167.11	2000	PASS
n38	30	10	515000	1@22	CP_16QAM	20.51	1.56	22.07	161.06	2000	PASS
n38	30	10	515000	24@0	CP_64QAM	18.94	1.56	20.5	112.2	2000	PASS
n38	30	10	515000	12@6	CP_64QAM	19.09	1.56	20.65	116.14	2000	PASS
n38	30	10	515000	1@1	CP_64QAM	18.65	1.56	20.21	104.95	2000	PASS
n38	30	10	515000	1@22	CP_64QAM	18.7	1.56	20.26	106.17	2000	PASS
n38	30	10	515000	24@0	CP_256QAM	15.94	1.56	17.5	56.23	2000	PASS
n38	30	10	515000	12@6	CP_256QAM	15.99	1.56	17.55	56.89	2000	PASS

n38	30	10	515000	1@1	CP_256QAM	16.18	1.56	17.74	59.43	2000	PASS
n38	30	10	515000	1@22	CP_256QAM	16.16	1.56	17.72	59.16	2000	PASS
n38	30	10	519000	24@0	DFT_BPSK	22.01	1.56	23.57	227.51	2000	PASS
n38	30	10	519000	12@6	DFT_BPSK	22.41	1.56	23.97	249.46	2000	PASS
n38	30	10	519000	1@1	DFT_BPSK	22.49	1.56	24.05	254.1	2000	PASS
n38	30	10	519000	1@22	DFT_BPSK	22.41	1.56	23.97	249.46	2000	PASS
n38	30	10	519000	24@0	DFT_QPSK	21.46	1.56	23.02	200.45	2000	PASS
n38	30	10	519000	12@6	DFT_QPSK	22.43	1.56	23.99	250.61	2000	PASS
n38	30	10	519000	1@1	DFT_QPSK	22.43	1.56	23.99	250.61	2000	PASS
n38	30	10	519000	1@22	DFT_QPSK	22.38	1.56	23.94	247.74	2000	PASS
n38	30	10	519000	24@0	DFT_16QAM	20.63	1.56	22.19	165.58	2000	PASS
n38	30	10	519000	12@6	DFT_16QAM	21.5	1.56	23.06	202.3	2000	PASS
n38	30	10	519000	1@1	DFT_16QAM	21.32	1.56	22.88	194.09	2000	PASS
n38	30	10	519000	1@22	DFT_16QAM	21.29	1.56	22.85	192.75	2000	PASS
n38	30	10	519000	24@0	DFT_64QAM	20.1	1.56	21.66	146.55	2000	PASS
n38	30	10	519000	12@6	DFT_64QAM	20.05	1.56	21.61	144.88	2000	PASS
n38	30	10	519000	1@1	DFT_64QAM	20.19	1.56	21.75	149.62	2000	PASS
n38	30	10	519000	1@22	DFT_64QAM	20.12	1.56	21.68	147.23	2000	PASS
n38	30	10	519000	24@0	DFT_256QAM	18.03	1.56	19.59	90.99	2000	PASS
n38	30	10	519000	12@6	DFT_256QAM	18.22	1.56	19.78	95.06	2000	PASS
n38	30	10	519000	1@1	DFT_256QAM	17.96	1.56	19.52	89.54	2000	PASS
n38	30	10	519000	1@22	DFT_256QAM	17.95	1.56	19.51	89.33	2000	PASS
n38	30	10	519000	24@0	CP_QPSK	19.56	1.56	21.12	129.42	2000	PASS
n38	30	10	519000	12@6	CP_QPSK	20.96	1.56	22.52	178.65	2000	PASS
n38	30	10	519000	1@1	CP_QPSK	20.94	1.56	22.5	177.83	2000	PASS
n38	30	10	519000	1@22	CP_QPSK	20.87	1.56	22.43	174.98	2000	PASS
n38	30	10	519000	24@0	CP_16QAM	19.39	1.56	20.95	124.45	2000	PASS
n38	30	10	519000	12@6	CP_16QAM	20.52	1.56	22.08	161.44	2000	PASS
n38	30	10	519000	1@1	CP_16QAM	20.61	1.56	22.17	164.82	2000	PASS
n38	30	10	519000	1@22	CP_16QAM	20.61	1.56	22.17	164.82	2000	PASS
n38	30	10	519000	24@0	CP_64QAM	19.01	1.56	20.57	114.02	2000	PASS
n38	30	10	519000	12@6	CP_64QAM	19.14	1.56	20.7	117.49	2000	PASS
n38	30	10	519000	1@1	CP_64QAM	18.75	1.56	20.31	107.4	2000	PASS
n38	30	10	519000	1@22	CP_64QAM	18.73	1.56	20.29	106.91	2000	PASS
n38	30	10	519000	24@0	CP_256QAM	16	1.56	17.56	57.02	2000	PASS
n38	30	10	519000	12@6	CP_256QAM	16.02	1.56	17.58	57.28	2000	PASS
n38	30	10	519000	1@1	CP_256QAM	16.29	1.56	17.85	60.95	2000	PASS
n38	30	10	519000	1@22	CP_256QAM	16.28	1.56	17.84	60.81	2000	PASS
n38	30	10	523000	24@0	DFT_BPSK	21.96	1.56	23.52	224.91	2000	PASS
n38	30	10	523000	12@6	DFT_BPSK	22.39	1.56	23.95	248.31	2000	PASS
n38	30	10	523000	1@1	DFT_BPSK	22.28	1.56	23.84	242.1	2000	PASS
n38	30	10	523000	1@22	DFT_BPSK	22.48	1.56	24.04	253.51	2000	PASS
n38	30	10	523000	24@0	DFT_QPSK	21.45	1.56	23.01	199.99	2000	PASS

n38	30	10	523000	12@6	DFT_QPSK	22.39	1.56	23.95	248.31	2000	PASS
n38	30	10	523000	1@1	DFT_QPSK	22.31	1.56	23.87	243.78	2000	PASS
n38	30	10	523000	1@22	DFT_QPSK	22.47	1.56	24.03	252.93	2000	PASS
n38	30	10	523000	24@0	DFT_16QAM	20.48	1.56	22.04	159.96	2000	PASS
n38	30	10	523000	12@6	DFT_16QAM	21.42	1.56	22.98	198.61	2000	PASS
n38	30	10	523000	1@1	DFT_16QAM	21.14	1.56	22.7	186.21	2000	PASS
n38	30	10	523000	1@22	DFT_16QAM	21.4	1.56	22.96	197.7	2000	PASS
n38	30	10	523000	24@0	DFT_64QAM	20.03	1.56	21.59	144.21	2000	PASS
n38	30	10	523000	12@6	DFT_64QAM	20.02	1.56	21.58	143.88	2000	PASS
n38	30	10	523000	1@1	DFT_64QAM	19.93	1.56	21.49	140.93	2000	PASS
n38	30	10	523000	1@22	DFT_64QAM	20.02	1.56	21.58	143.88	2000	PASS
n38	30	10	523000	24@0	DFT_256QAM	17.93	1.56	19.49	88.92	2000	PASS
n38	30	10	523000	12@6	DFT_256QAM	18.12	1.56	19.68	92.9	2000	PASS
n38	30	10	523000	1@1	DFT_256QAM	17.81	1.56	19.37	86.5	2000	PASS
n38	30	10	523000	1@22	DFT_256QAM	18.03	1.56	19.59	90.99	2000	PASS
n38	30	10	523000	24@0	CP_QPSK	19.42	1.56	20.98	125.31	2000	PASS
n38	30	10	523000	12@6	CP_QPSK	20.83	1.56	22.39	173.38	2000	PASS
n38	30	10	523000	1@1	CP_QPSK	20.75	1.56	22.31	170.22	2000	PASS
n38	30	10	523000	1@22	CP_QPSK	20.88	1.56	22.44	175.39	2000	PASS
n38	30	10	523000	24@0	CP_16QAM	19.39	1.56	20.95	124.45	2000	PASS
n38	30	10	523000	12@6	CP_16QAM	20.49	1.56	22.05	160.32	2000	PASS
n38	30	10	523000	1@1	CP_16QAM	20.52	1.56	22.08	161.44	2000	PASS
n38	30	10	523000	1@22	CP_16QAM	20.66	1.56	22.22	166.72	2000	PASS
n38	30	10	523000	24@0	CP_64QAM	19.01	1.56	20.57	114.02	2000	PASS
n38	30	10	523000	12@6	CP_64QAM	18.99	1.56	20.55	113.5	2000	PASS
n38	30	10	523000	1@1	CP_64QAM	18.64	1.56	20.2	104.71	2000	PASS
n38	30	10	523000	1@22	CP_64QAM	18.79	1.56	20.35	108.39	2000	PASS
n38	30	10	523000	24@0	CP_256QAM	15.99	1.56	17.55	56.89	2000	PASS
n38	30	10	523000	12@6	CP_256QAM	15.96	1.56	17.52	56.49	2000	PASS
n38	30	10	523000	1@1	CP_256QAM	16.15	1.56	17.71	59.02	2000	PASS
n38	30	10	523000	1@22	CP_256QAM	16.27	1.56	17.83	60.67	2000	PASS
n38	30	15	515500	36@0	DFT_BPSK	21.9	1.56	23.46	221.82	2000	PASS
n38	30	15	515500	18@9	DFT_BPSK	22.44	1.56	24	251.19	2000	PASS
n38	30	15	515500	1@1	DFT_BPSK	22.39	1.56	23.95	248.31	2000	PASS
n38	30	15	515500	1@36	DFT_BPSK	22.41	1.56	23.97	249.46	2000	PASS
n38	30	15	515500	36@0	DFT_QPSK	21.41	1.56	22.97	198.15	2000	PASS
n38	30	15	515500	18@9	DFT_QPSK	22.36	1.56	23.92	246.6	2000	PASS
n38	30	15	515500	1@1	DFT_QPSK	22.33	1.56	23.89	244.91	2000	PASS
n38	30	15	515500	1@36	DFT_QPSK	22.32	1.56	23.88	244.34	2000	PASS
n38	30	15	515500	36@0	DFT_16QAM	20.54	1.56	22.1	162.18	2000	PASS
n38	30	15	515500	18@9	DFT_16QAM	21.43	1.56	22.99	199.07	2000	PASS
n38	30	15	515500	1@1	DFT_16QAM	21.2	1.56	22.76	188.8	2000	PASS
n38	30	15	515500	1@36	DFT_16QAM	21.18	1.56	22.74	187.93	2000	PASS

n38	30	15	515500	36@0	DFT_64QAM	19.96	1.56	21.52	141.91	2000	PASS
n38	30	15	515500	18@9	DFT_64QAM	20.08	1.56	21.64	145.88	2000	PASS
n38	30	15	515500	1@1	DFT_64QAM	20.03	1.56	21.59	144.21	2000	PASS
n38	30	15	515500	1@36	DFT_64QAM	20.05	1.56	21.61	144.88	2000	PASS
n38	30	15	515500	36@0	DFT_256QAM	17.93	1.56	19.49	88.92	2000	PASS
n38	30	15	515500	18@9	DFT_256QAM	17.98	1.56	19.54	89.95	2000	PASS
n38	30	15	515500	1@1	DFT_256QAM	17.89	1.56	19.45	88.1	2000	PASS
n38	30	15	515500	1@36	DFT_256QAM	18	1.56	19.56	90.36	2000	PASS
n38	30	15	515500	38@0	CP_QPSK	19.44	1.56	21	125.89	2000	PASS
n38	30	15	515500	19@9	CP_QPSK	20.83	1.56	22.39	173.38	2000	PASS
n38	30	15	515500	1@1	CP_QPSK	20.87	1.56	22.43	174.98	2000	PASS
n38	30	15	515500	1@36	CP_QPSK	20.93	1.56	22.49	177.42	2000	PASS
n38	30	15	515500	38@0	CP_16QAM	19.52	1.56	21.08	128.23	2000	PASS
n38	30	15	515500	19@9	CP_16QAM	20.41	1.56	21.97	157.4	2000	PASS
n38	30	15	515500	1@1	CP_16QAM	20.48	1.56	22.04	159.96	2000	PASS
n38	30	15	515500	1@36	CP_16QAM	20.45	1.56	22.01	158.85	2000	PASS
n38	30	15	515500	38@0	CP_64QAM	18.9	1.56	20.46	111.17	2000	PASS
n38	30	15	515500	19@9	CP_64QAM	18.95	1.56	20.51	112.46	2000	PASS
n38	30	15	515500	1@1	CP_64QAM	18.59	1.56	20.15	103.51	2000	PASS
n38	30	15	515500	1@36	CP_64QAM	18.7	1.56	20.26	106.17	2000	PASS
n38	30	15	515500	38@0	CP_256QAM	15.99	1.56	17.55	56.89	2000	PASS
n38	30	15	515500	19@9	CP_256QAM	16.06	1.56	17.62	57.81	2000	PASS
n38	30	15	515500	1@1	CP_256QAM	16.13	1.56	17.69	58.75	2000	PASS
n38	30	15	515500	1@36	CP_256QAM	16.22	1.56	17.78	59.98	2000	PASS
n38	30	15	519000	36@0	DFT_BPSK	22.04	1.56	23.6	229.09	2000	PASS
n38	30	15	519000	18@9	DFT_BPSK	22.49	1.56	24.05	254.1	2000	PASS
n38	30	15	519000	1@1	DFT_BPSK	22.5	1.56	24.06	254.68	2000	PASS
n38	30	15	519000	1@36	DFT_BPSK	22.36	1.56	23.92	246.6	2000	PASS
n38	30	15	519000	36@0	DFT_QPSK	21.54	1.56	23.1	204.17	2000	PASS
n38	30	15	519000	18@9	DFT_QPSK	22.46	1.56	24.02	252.35	2000	PASS
n38	30	15	519000	1@1	DFT_QPSK	22.37	1.56	23.93	247.17	2000	PASS
n38	30	15	519000	1@36	DFT_QPSK	22.3	1.56	23.86	243.22	2000	PASS
n38	30	15	519000	36@0	DFT_16QAM	20.56	1.56	22.12	162.93	2000	PASS
n38	30	15	519000	18@9	DFT_16QAM	21.49	1.56	23.05	201.84	2000	PASS
n38	30	15	519000	1@1	DFT_16QAM	21.27	1.56	22.83	191.87	2000	PASS
n38	30	15	519000	1@36	DFT_16QAM	21.17	1.56	22.73	187.5	2000	PASS
n38	30	15	519000	36@0	DFT_64QAM	20.03	1.56	21.59	144.21	2000	PASS
n38	30	15	519000	18@9	DFT_64QAM	20.14	1.56	21.7	147.91	2000	PASS
n38	30	15	519000	1@1	DFT_64QAM	20.21	1.56	21.77	150.31	2000	PASS
n38	30	15	519000	1@36	DFT_64QAM	20.13	1.56	21.69	147.57	2000	PASS
n38	30	15	519000	36@0	DFT_256QAM	17.96	1.56	19.52	89.54	2000	PASS
n38	30	15	519000	18@9	DFT_256QAM	18.01	1.56	19.57	90.57	2000	PASS
n38	30	15	519000	1@1	DFT_256QAM	17.96	1.56	19.52	89.54	2000	PASS

n38	30	15	519000	1@36	DFT_256QAM	17.91	1.56	19.47	88.51	2000	PASS
n38	30	15	519000	38@0	CP_QPSK	19.49	1.56	21.05	127.35	2000	PASS
n38	30	15	519000	19@9	CP_QPSK	20.97	1.56	22.53	179.06	2000	PASS
n38	30	15	519000	1@1	CP_QPSK	20.97	1.56	22.53	179.06	2000	PASS
n38	30	15	519000	1@36	CP_QPSK	20.86	1.56	22.42	174.58	2000	PASS
n38	30	15	519000	38@0	CP_16QAM	19.6	1.56	21.16	130.62	2000	PASS
n38	30	15	519000	19@9	CP_16QAM	20.49	1.56	22.05	160.32	2000	PASS
n38	30	15	519000	1@1	CP_16QAM	20.56	1.56	22.12	162.93	2000	PASS
n38	30	15	519000	1@36	CP_16QAM	20.45	1.56	22.01	158.85	2000	PASS
n38	30	15	519000	38@0	CP_64QAM	18.98	1.56	20.54	113.24	2000	PASS
n38	30	15	519000	19@9	CP_64QAM	19.01	1.56	20.57	114.02	2000	PASS
n38	30	15	519000	1@1	CP_64QAM	18.67	1.56	20.23	105.44	2000	PASS
n38	30	15	519000	1@36	CP_64QAM	18.65	1.56	20.21	104.95	2000	PASS
n38	30	15	519000	38@0	CP_256QAM	16.03	1.56	17.59	57.41	2000	PASS
n38	30	15	519000	19@9	CP_256QAM	16.11	1.56	17.67	58.48	2000	PASS
n38	30	15	519000	1@1	CP_256QAM	16.17	1.56	17.73	59.29	2000	PASS
n38	30	15	519000	1@36	CP_256QAM	16.14	1.56	17.7	58.88	2000	PASS
n38	30	15	522500	36@0	DFT_BPSK	21.89	1.56	23.45	221.31	2000	PASS
n38	30	15	522500	18@9	DFT_BPSK	22.38	1.56	23.94	247.74	2000	PASS
n38	30	15	522500	1@1	DFT_BPSK	22.31	1.56	23.87	243.78	2000	PASS
n38	30	15	522500	1@36	DFT_BPSK	22.51	1.56	24.07	255.27	2000	PASS
n38	30	15	522500	36@0	DFT_QPSK	21.45	1.56	23.01	199.99	2000	PASS
n38	30	15	522500	18@9	DFT_QPSK	22.42	1.56	23.98	250.03	2000	PASS
n38	30	15	522500	1@1	DFT_QPSK	22.26	1.56	23.82	240.99	2000	PASS
n38	30	15	522500	1@36	DFT_QPSK	22.4	1.56	23.96	248.89	2000	PASS
n38	30	15	522500	36@0	DFT_16QAM	20.38	1.56	21.94	156.31	2000	PASS
n38	30	15	522500	18@9	DFT_16QAM	21.38	1.56	22.94	196.79	2000	PASS
n38	30	15	522500	1@1	DFT_16QAM	21.13	1.56	22.69	185.78	2000	PASS
n38	30	15	522500	1@36	DFT_16QAM	21.23	1.56	22.79	190.11	2000	PASS
n38	30	15	522500	36@0	DFT_64QAM	19.99	1.56	21.55	142.89	2000	PASS
n38	30	15	522500	18@9	DFT_64QAM	20.11	1.56	21.67	146.89	2000	PASS
n38	30	15	522500	1@1	DFT_64QAM	20.08	1.56	21.64	145.88	2000	PASS
n38	30	15	522500	1@36	DFT_64QAM	20.22	1.56	21.78	150.66	2000	PASS
n38	30	15	522500	36@0	DFT_256QAM	17.88	1.56	19.44	87.9	2000	PASS
n38	30	15	522500	18@9	DFT_256QAM	17.93	1.56	19.49	88.92	2000	PASS
n38	30	15	522500	1@1	DFT_256QAM	17.86	1.56	19.42	87.5	2000	PASS
n38	30	15	522500	1@36	DFT_256QAM	18.04	1.56	19.6	91.2	2000	PASS
n38	30	15	522500	38@0	CP_QPSK	19.44	1.56	21	125.89	2000	PASS
n38	30	15	522500	19@9	CP_QPSK	20.91	1.56	22.47	176.6	2000	PASS
n38	30	15	522500	1@1	CP_QPSK	20.78	1.56	22.34	171.4	2000	PASS
n38	30	15	522500	1@36	CP_QPSK	20.92	1.56	22.48	177.01	2000	PASS
n38	30	15	522500	38@0	CP_16QAM	19.49	1.56	21.05	127.35	2000	PASS
n38	30	15	522500	19@9	CP_16QAM	20.45	1.56	22.01	158.85	2000	PASS

n38	30	15	522500	1@1	CP_16QAM	20.4	1.56	21.96	157.04	2000	PASS
n38	30	15	522500	1@36	CP_16QAM	20.5	1.56	22.06	160.69	2000	PASS
n38	30	15	522500	38@0	CP_64QAM	18.98	1.56	20.54	113.24	2000	PASS
n38	30	15	522500	19@9	CP_64QAM	18.95	1.56	20.51	112.46	2000	PASS
n38	30	15	522500	1@1	CP_64QAM	18.57	1.56	20.13	103.04	2000	PASS
n38	30	15	522500	1@36	CP_64QAM	18.71	1.56	20.27	106.41	2000	PASS
n38	30	15	522500	38@0	CP_256QAM	15.95	1.56	17.51	56.36	2000	PASS
n38	30	15	522500	19@9	CP_256QAM	16.05	1.56	17.61	57.68	2000	PASS
n38	30	15	522500	1@1	CP_256QAM	16.09	1.56	17.65	58.21	2000	PASS
n38	30	15	522500	1@36	CP_256QAM	16.24	1.56	17.8	60.26	2000	PASS
n38	30	20	516000	50@0	DFT_BPSK	21.98	1.56	23.54	225.94	2000	PASS
n38	30	20	516000	25@12	DFT_BPSK	22.28	1.56	23.84	242.1	2000	PASS
n38	30	20	516000	1@1	DFT_BPSK	22.34	1.56	23.9	245.47	2000	PASS
n38	30	20	516000	1@49	DFT_BPSK	22.52	1.56	24.08	255.86	2000	PASS
n38	30	20	516000	50@0	DFT_QPSK	21.51	1.56	23.07	202.77	2000	PASS
n38	30	20	516000	25@12	DFT_QPSK	22.46	1.56	24.02	252.35	2000	PASS
n38	30	20	516000	1@1	DFT_QPSK	22.38	1.56	23.94	247.74	2000	PASS
n38	30	20	516000	1@49	DFT_QPSK	22.51	1.56	24.07	255.27	2000	PASS
n38	30	20	516000	50@0	DFT_16QAM	20.4	1.56	21.96	157.04	2000	PASS
n38	30	20	516000	25@12	DFT_16QAM	21.43	1.56	22.99	199.07	2000	PASS
n38	30	20	516000	1@1	DFT_16QAM	21.17	1.56	22.73	187.5	2000	PASS
n38	30	20	516000	1@49	DFT_16QAM	21.32	1.56	22.88	194.09	2000	PASS
n38	30	20	516000	50@0	DFT_64QAM	19.98	1.56	21.54	142.56	2000	PASS
n38	30	20	516000	25@12	DFT_64QAM	19.95	1.56	21.51	141.58	2000	PASS
n38	30	20	516000	1@1	DFT_64QAM	20.02	1.56	21.58	143.88	2000	PASS
n38	30	20	516000	1@49	DFT_64QAM	20.13	1.56	21.69	147.57	2000	PASS
n38	30	20	516000	50@0	DFT_256QAM	17.89	1.56	19.45	88.1	2000	PASS
n38	30	20	516000	25@12	DFT_256QAM	17.96	1.56	19.52	89.54	2000	PASS
n38	30	20	516000	1@1	DFT_256QAM	17.88	1.56	19.44	87.9	2000	PASS
n38	30	20	516000	1@49	DFT_256QAM	18.04	1.56	19.6	91.2	2000	PASS
n38	30	20	516000	51@0	CP_QPSK	19.44	1.56	21	125.89	2000	PASS
n38	30	20	516000	25@12	CP_QPSK	20.93	1.56	22.49	177.42	2000	PASS
n38	30	20	516000	1@1	CP_QPSK	20.86	1.56	22.42	174.58	2000	PASS
n38	30	20	516000	1@49	CP_QPSK	21.05	1.56	22.61	182.39	2000	PASS
n38	30	20	516000	51@0	CP_16QAM	19.45	1.56	21.01	126.18	2000	PASS
n38	30	20	516000	25@12	CP_16QAM	20.47	1.56	22.03	159.59	2000	PASS
n38	30	20	516000	1@1	CP_16QAM	20.49	1.56	22.05	160.32	2000	PASS
n38	30	20	516000	1@49	CP_16QAM	20.59	1.56	22.15	164.06	2000	PASS
n38	30	20	516000	51@0	CP_64QAM	19.02	1.56	20.58	114.29	2000	PASS
n38	30	20	516000	25@12	CP_64QAM	19.05	1.56	20.61	115.08	2000	PASS
n38	30	20	516000	1@1	CP_64QAM	18.65	1.56	20.21	104.95	2000	PASS
n38	30	20	516000	1@49	CP_64QAM	18.78	1.56	20.34	108.14	2000	PASS
n38	30	20	516000	51@0	CP_256QAM	16.01	1.56	17.57	57.15	2000	PASS

n38	30	20	516000	25@12	CP_256QAM	16.05	1.56	17.61	57.68	2000	PASS
n38	30	20	516000	1@1	CP_256QAM	16.14	1.56	17.7	58.88	2000	PASS
n38	30	20	516000	1@49	CP_256QAM	16.29	1.56	17.85	60.95	2000	PASS
n38	30	20	519000	50@0	DFT_BPSK	21.97	1.56	23.53	225.42	2000	PASS
n38	30	20	519000	25@12	DFT_BPSK	22.57	1.56	24.13	258.82	2000	PASS
n38	30	20	519000	1@1	DFT_BPSK	22.35	1.56	23.91	246.04	2000	PASS
n38	30	20	519000	1@49	DFT_BPSK	22.32	1.56	23.88	244.34	2000	PASS
n38	30	20	519000	50@0	DFT_QPSK	21.49	1.56	23.05	201.84	2000	PASS
n38	30	20	519000	25@12	DFT_QPSK	22.48	1.56	24.04	253.51	2000	PASS
n38	30	20	519000	1@1	DFT_QPSK	22.36	1.56	23.92	246.6	2000	PASS
n38	30	20	519000	1@49	DFT_QPSK	22.32	1.56	23.88	244.34	2000	PASS
n38	30	20	519000	50@0	DFT_16QAM	20.5	1.56	22.06	160.69	2000	PASS
n38	30	20	519000	25@12	DFT_16QAM	21.6	1.56	23.16	207.01	2000	PASS
n38	30	20	519000	1@1	DFT_16QAM	21.24	1.56	22.8	190.55	2000	PASS
n38	30	20	519000	1@49	DFT_16QAM	21.17	1.56	22.73	187.5	2000	PASS
n38	30	20	519000	50@0	DFT_64QAM	19.94	1.56	21.5	141.25	2000	PASS
n38	30	20	519000	25@12	DFT_64QAM	19.97	1.56	21.53	142.23	2000	PASS
n38	30	20	519000	1@1	DFT_64QAM	20.02	1.56	21.58	143.88	2000	PASS
n38	30	20	519000	1@49	DFT_64QAM	19.89	1.56	21.45	139.64	2000	PASS
n38	30	20	519000	50@0	DFT_256QAM	17.9	1.56	19.46	88.31	2000	PASS
n38	30	20	519000	25@12	DFT_256QAM	17.96	1.56	19.52	89.54	2000	PASS
n38	30	20	519000	1@1	DFT_256QAM	17.96	1.56	19.52	89.54	2000	PASS
n38	30	20	519000	1@49	DFT_256QAM	17.88	1.56	19.44	87.9	2000	PASS
n38	30	20	519000	51@0	CP_QPSK	19.54	1.56	21.1	128.82	2000	PASS
n38	30	20	519000	25@12	CP_QPSK	21.02	1.56	22.58	181.13	2000	PASS
n38	30	20	519000	1@1	CP_QPSK	20.88	1.56	22.44	175.39	2000	PASS
n38	30	20	519000	1@49	CP_QPSK	20.77	1.56	22.33	171	2000	PASS
n38	30	20	519000	51@0	CP_16QAM	19.55	1.56	21.11	129.12	2000	PASS
n38	30	20	519000	25@12	CP_16QAM	20.5	1.56	22.06	160.69	2000	PASS
n38	30	20	519000	1@1	CP_16QAM	20.57	1.56	22.13	163.31	2000	PASS
n38	30	20	519000	1@49	CP_16QAM	20.49	1.56	22.05	160.32	2000	PASS
n38	30	20	519000	51@0	CP_64QAM	18.94	1.56	20.5	112.2	2000	PASS
n38	30	20	519000	25@12	CP_64QAM	19.04	1.56	20.6	114.82	2000	PASS
n38	30	20	519000	1@1	CP_64QAM	18.72	1.56	20.28	106.66	2000	PASS
n38	30	20	519000	1@49	CP_64QAM	18.59	1.56	20.15	103.51	2000	PASS
n38	30	20	519000	51@0	CP_256QAM	16.03	1.56	17.59	57.41	2000	PASS
n38	30	20	519000	25@12	CP_256QAM	16.1	1.56	17.66	58.34	2000	PASS
n38	30	20	519000	1@1	CP_256QAM	16.23	1.56	17.79	60.12	2000	PASS
n38	30	20	519000	1@49	CP_256QAM	16.14	1.56	17.7	58.88	2000	PASS
n38	30	20	522000	50@0	DFT_BPSK	21.97	1.56	23.53	225.42	2000	PASS
n38	30	20	522000	25@12	DFT_BPSK	22.39	1.56	23.95	248.31	2000	PASS
n38	30	20	522000	1@1	DFT_BPSK	22.36	1.56	23.92	246.6	2000	PASS
n38	30	20	522000	1@49	DFT_BPSK	22.53	1.56	24.09	256.45	2000	PASS

n38	30	20	522000	50@0	DFT_QPSK	21.45	1.56	23.01	199.99	2000	PASS
n38	30	20	522000	25@12	DFT_QPSK	22.42	1.56	23.98	250.03	2000	PASS
n38	30	20	522000	1@1	DFT_QPSK	22.32	1.56	23.88	244.34	2000	PASS
n38	30	20	522000	1@49	DFT_QPSK	22.47	1.56	24.03	252.93	2000	PASS
n38	30	20	522000	50@0	DFT_16QAM	20.44	1.56	22	158.49	2000	PASS
n38	30	20	522000	25@12	DFT_16QAM	21.49	1.56	23.05	201.84	2000	PASS
n38	30	20	522000	1@1	DFT_16QAM	21.14	1.56	22.7	186.21	2000	PASS
n38	30	20	522000	1@49	DFT_16QAM	21.26	1.56	22.82	191.43	2000	PASS
n38	30	20	522000	50@0	DFT_64QAM	19.95	1.56	21.51	141.58	2000	PASS
n38	30	20	522000	25@12	DFT_64QAM	19.92	1.56	21.48	140.6	2000	PASS
n38	30	20	522000	1@1	DFT_64QAM	19.99	1.56	21.55	142.89	2000	PASS
n38	30	20	522000	1@49	DFT_64QAM	20.09	1.56	21.65	146.22	2000	PASS
n38	30	20	522000	50@0	DFT_256QAM	17.84	1.56	19.4	87.1	2000	PASS
n38	30	20	522000	25@12	DFT_256QAM	17.92	1.56	19.48	88.72	2000	PASS
n38	30	20	522000	1@1	DFT_256QAM	17.92	1.56	19.48	88.72	2000	PASS
n38	30	20	522000	1@49	DFT_256QAM	18.09	1.56	19.65	92.26	2000	PASS
n38	30	20	522000	51@0	CP_QPSK	19.47	1.56	21.03	126.77	2000	PASS
n38	30	20	522000	25@12	CP_QPSK	20.84	1.56	22.4	173.78	2000	PASS
n38	30	20	522000	1@1	CP_QPSK	20.79	1.56	22.35	171.79	2000	PASS
n38	30	20	522000	1@49	CP_QPSK	20.94	1.56	22.5	177.83	2000	PASS
n38	30	20	522000	51@0	CP_16QAM	19.4	1.56	20.96	124.74	2000	PASS
n38	30	20	522000	25@12	CP_16QAM	20.57	1.56	22.13	163.31	2000	PASS
n38	30	20	522000	1@1	CP_16QAM	20.44	1.56	22	158.49	2000	PASS
n38	30	20	522000	1@49	CP_16QAM	20.59	1.56	22.15	164.06	2000	PASS
n38	30	20	522000	51@0	CP_64QAM	18.87	1.56	20.43	110.41	2000	PASS
n38	30	20	522000	25@12	CP_64QAM	18.96	1.56	20.52	112.72	2000	PASS
n38	30	20	522000	1@1	CP_64QAM	18.25	1.56	19.81	95.72	2000	PASS
n38	30	20	522000	1@49	CP_64QAM	18.78	1.56	20.34	108.14	2000	PASS
n38	30	20	522000	51@0	CP_256QAM	16.11	1.56	17.67	58.48	2000	PASS
n38	30	20	522000	25@12	CP_256QAM	15.98	1.56	17.54	56.75	2000	PASS
n38	30	20	522000	1@1	CP_256QAM	16.16	1.56	17.72	59.16	2000	PASS
n38	30	20	522000	1@49	CP_256QAM	16.27	1.56	17.83	60.67	2000	PASS
n38	30	40	518000	100@0	DFT_BPSK	21.95	1.56	23.51	224.39	2000	PASS
n38	30	40	518000	50@25	DFT_BPSK	22.49	1.56	24.05	254.1	2000	PASS
n38	30	40	518000	1@1	DFT_BPSK	22.27	1.56	23.83	241.55	2000	PASS
n38	30	40	518000	1@104	DFT_BPSK	22.28	1.56	23.84	242.1	2000	PASS
n38	30	40	518000	100@0	DFT_QPSK	21.43	1.56	22.99	199.07	2000	PASS
n38	30	40	518000	50@25	DFT_QPSK	22.46	1.56	24.02	252.35	2000	PASS
n38	30	40	518000	1@1	DFT_QPSK	22.24	1.56	23.8	239.88	2000	PASS
n38	30	40	518000	1@104	DFT_QPSK	22.22	1.56	23.78	238.78	2000	PASS
n38	30	40	518000	100@0	DFT_16QAM	20.42	1.56	21.98	157.76	2000	PASS
n38	30	40	518000	50@25	DFT_16QAM	21.51	1.56	23.07	202.77	2000	PASS
n38	30	40	518000	1@1	DFT_16QAM	21.13	1.56	22.69	185.78	2000	PASS

n38	30	40	518000	1@104	DFT_16QAM	21.12	1.56	22.68	185.35	2000	PASS
n38	30	40	518000	100@0	DFT_64QAM	19.98	1.56	21.54	142.56	2000	PASS
n38	30	40	518000	50@25	DFT_64QAM	20.02	1.56	21.58	143.88	2000	PASS
n38	30	40	518000	1@1	DFT_64QAM	19.87	1.56	21.43	139	2000	PASS
n38	30	40	518000	1@104	DFT_64QAM	19.87	1.56	21.43	139	2000	PASS
n38	30	40	518000	100@0	DFT_256QAM	17.92	1.56	19.48	88.72	2000	PASS
n38	30	40	518000	50@25	DFT_256QAM	17.93	1.56	19.49	88.92	2000	PASS
n38	30	40	518000	1@1	DFT_256QAM	17.79	1.56	19.35	86.1	2000	PASS
n38	30	40	518000	1@104	DFT_256QAM	17.83	1.56	19.39	86.9	2000	PASS
n38	30	40	518000	106@0	CP_QPSK	19.36	1.56	20.92	123.59	2000	PASS
n38	30	40	518000	53@26	CP_QPSK	20.92	1.56	22.48	177.01	2000	PASS
n38	30	40	518000	1@1	CP_QPSK	20.75	1.56	22.31	170.22	2000	PASS
n38	30	40	518000	1@104	CP_QPSK	20.74	1.56	22.3	169.82	2000	PASS
n38	30	40	518000	106@0	CP_16QAM	19.57	1.56	21.13	129.72	2000	PASS
n38	30	40	518000	53@26	CP_16QAM	20.54	1.56	22.1	162.18	2000	PASS
n38	30	40	518000	1@1	CP_16QAM	20.27	1.56	21.83	152.41	2000	PASS
n38	30	40	518000	1@104	CP_16QAM	20.28	1.56	21.84	152.76	2000	PASS
n38	30	40	518000	106@0	CP_64QAM	18.95	1.56	20.51	112.46	2000	PASS
n38	30	40	518000	53@26	CP_64QAM	19.01	1.56	20.57	114.02	2000	PASS
n38	30	40	518000	1@1	CP_64QAM	18.52	1.56	20.08	101.86	2000	PASS
n38	30	40	518000	1@104	CP_64QAM	18.57	1.56	20.13	103.04	2000	PASS
n38	30	40	518000	106@0	CP_256QAM	15.98	1.56	17.54	56.75	2000	PASS
n38	30	40	518000	53@26	CP_256QAM	16.23	1.56	17.79	60.12	2000	PASS
n38	30	40	518000	1@1	CP_256QAM	16.02	1.56	17.58	57.28	2000	PASS
n38	30	40	518000	1@104	CP_256QAM	16.06	1.56	17.62	57.81	2000	PASS
n38	30	40	519000	100@0	DFT_BPSK	21.98	1.56	23.54	225.94	2000	PASS
n38	30	40	519000	50@25	DFT_BPSK	22.44	1.56	24	251.19	2000	PASS
n38	30	40	519000	1@1	DFT_BPSK	22.25	1.56	23.81	240.44	2000	PASS
n38	30	40	519000	1@104	DFT_BPSK	22.34	1.56	23.9	245.47	2000	PASS
n38	30	40	519000	100@0	DFT_QPSK	21.46	1.56	23.02	200.45	2000	PASS
n38	30	40	519000	50@25	DFT_QPSK	22.48	1.56	24.04	253.51	2000	PASS
n38	30	40	519000	1@1	DFT_QPSK	22.2	1.56	23.76	237.68	2000	PASS
n38	30	40	519000	1@104	DFT_QPSK	22.31	1.56	23.87	243.78	2000	PASS
n38	30	40	519000	100@0	DFT_16QAM	20.47	1.56	22.03	159.59	2000	PASS
n38	30	40	519000	50@25	DFT_16QAM	21.48	1.56	23.04	201.37	2000	PASS
n38	30	40	519000	1@1	DFT_16QAM	21.09	1.56	22.65	184.08	2000	PASS
n38	30	40	519000	1@104	DFT_16QAM	21.12	1.56	22.68	185.35	2000	PASS
n38	30	40	519000	100@0	DFT_64QAM	19.96	1.56	21.52	141.91	2000	PASS
n38	30	40	519000	50@25	DFT_64QAM	20.03	1.56	21.59	144.21	2000	PASS
n38	30	40	519000	1@1	DFT_64QAM	19.79	1.56	21.35	136.46	2000	PASS
n38	30	40	519000	1@104	DFT_64QAM	19.88	1.56	21.44	139.32	2000	PASS
n38	30	40	519000	100@0	DFT_256QAM	17.92	1.56	19.48	88.72	2000	PASS
n38	30	40	519000	50@25	DFT_256QAM	17.39	1.56	18.95	78.52	2000	PASS

n38	30	40	519000	1@1	DFT_256QAM	17.87	1.56	19.43	87.7	2000	PASS
n38	30	40	519000	1@104	DFT_256QAM	17.9	1.56	19.46	88.31	2000	PASS
n38	30	40	519000	106@0	CP_QPSK	19.44	1.56	21	125.89	2000	PASS
n38	30	40	519000	53@26	CP_QPSK	20.94	1.56	22.5	177.83	2000	PASS
n38	30	40	519000	1@1	CP_QPSK	20.73	1.56	22.29	169.43	2000	PASS
n38	30	40	519000	1@104	CP_QPSK	20.78	1.56	22.34	171.4	2000	PASS
n38	30	40	519000	106@0	CP_16QAM	19.51	1.56	21.07	127.94	2000	PASS
n38	30	40	519000	53@26	CP_16QAM	20.5	1.56	22.06	160.69	2000	PASS
n38	30	40	519000	1@1	CP_16QAM	20.25	1.56	21.81	151.71	2000	PASS
n38	30	40	519000	1@104	CP_16QAM	20.31	1.56	21.87	153.82	2000	PASS
n38	30	40	519000	106@0	CP_64QAM	18.98	1.56	20.54	113.24	2000	PASS
n38	30	40	519000	53@26	CP_64QAM	19.01	1.56	20.57	114.02	2000	PASS
n38	30	40	519000	1@1	CP_64QAM	18.63	1.56	20.19	104.47	2000	PASS
n38	30	40	519000	1@104	CP_64QAM	18.68	1.56	20.24	105.68	2000	PASS
n38	30	40	519000	106@0	CP_256QAM	15.99	1.56	17.55	56.89	2000	PASS
n38	30	40	519000	53@26	CP_256QAM	16.05	1.56	17.61	57.68	2000	PASS
n38	30	40	519000	1@1	CP_256QAM	16.11	1.56	17.67	58.48	2000	PASS
n38	30	40	519000	1@104	CP_256QAM	16.21	1.56	17.77	59.84	2000	PASS
n38	30	40	520000	100@0	DFT_BPSK	21.98	1.56	23.54	225.94	2000	PASS
n38	30	40	520000	50@25	DFT_BPSK	22.53	1.56	24.09	256.45	2000	PASS
n38	30	40	520000	1@1	DFT_BPSK	22.25	1.56	23.81	240.44	2000	PASS
n38	30	40	520000	1@104	DFT_BPSK	22.48	1.56	24.04	253.51	2000	PASS
n38	30	40	520000	100@0	DFT_QPSK	21.47	1.56	23.03	200.91	2000	PASS
n38	30	40	520000	50@25	DFT_QPSK	22.49	1.56	24.05	254.1	2000	PASS
n38	30	40	520000	1@1	DFT_QPSK	22.28	1.56	23.84	242.1	2000	PASS
n38	30	40	520000	1@104	DFT_QPSK	22.47	1.56	24.03	252.93	2000	PASS
n38	30	40	520000	100@0	DFT_16QAM	20.44	1.56	22	158.49	2000	PASS
n38	30	40	520000	50@25	DFT_16QAM	21.47	1.56	23.03	200.91	2000	PASS
n38	30	40	520000	1@1	DFT_16QAM	21.11	1.56	22.67	184.93	2000	PASS
n38	30	40	520000	1@104	DFT_16QAM	21.32	1.56	22.88	194.09	2000	PASS
n38	30	40	520000	100@0	DFT_64QAM	20.02	1.56	21.58	143.88	2000	PASS
n38	30	40	520000	50@25	DFT_64QAM	19.98	1.56	21.54	142.56	2000	PASS
n38	30	40	520000	1@1	DFT_64QAM	19.81	1.56	21.37	137.09	2000	PASS
n38	30	40	520000	1@104	DFT_64QAM	20.06	1.56	21.62	145.21	2000	PASS
n38	30	40	520000	100@0	DFT_256QAM	17.95	1.56	19.51	89.33	2000	PASS
n38	30	40	520000	50@25	DFT_256QAM	17.91	1.56	19.47	88.51	2000	PASS
n38	30	40	520000	1@1	DFT_256QAM	17.77	1.56	19.33	85.7	2000	PASS
n38	30	40	520000	1@104	DFT_256QAM	18.04	1.56	19.6	91.2	2000	PASS
n38	30	40	520000	106@0	CP_QPSK	19.56	1.56	21.12	129.42	2000	PASS
n38	30	40	520000	53@26	CP_QPSK	20.98	1.56	22.54	179.47	2000	PASS
n38	30	40	520000	1@1	CP_QPSK	20.69	1.56	22.25	167.88	2000	PASS
n38	30	40	520000	1@104	CP_QPSK	20.88	1.56	22.44	175.39	2000	PASS
n38	30	40	520000	106@0	CP_16QAM	19.57	1.56	21.13	129.72	2000	PASS

n38	30	40	520000	53@26	CP_16QAM	20.49	1.56	22.05	160.32	2000	PASS
n38	30	40	520000	1@1	CP_16QAM	20.24	1.56	21.8	151.36	2000	PASS
n38	30	40	520000	1@104	CP_16QAM	20.42	1.56	21.98	157.76	2000	PASS
n38	30	40	520000	106@0	CP_64QAM	19	1.56	20.56	113.76	2000	PASS
n38	30	40	520000	53@26	CP_64QAM	19	1.56	20.56	113.76	2000	PASS
n38	30	40	520000	1@1	CP_64QAM	18.53	1.56	20.09	102.09	2000	PASS
n38	30	40	520000	1@104	CP_64QAM	18.77	1.56	20.33	107.89	2000	PASS
n38	30	40	520000	106@0	CP_256QAM	16.03	1.56	17.59	57.41	2000	PASS
n38	30	40	520000	53@26	CP_256QAM	15.99	1.56	17.55	56.89	2000	PASS
n38	30	40	520000	1@1	CP_256QAM	16.02	1.56	17.58	57.28	2000	PASS
n38	30	40	520000	1@104	CP_256QAM	16.27	1.56	17.83	60.67	2000	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n41	30	10	500202	24@0	DFT_BPSK	21.46	2.23	23.69	233.88	2000	PASS
n41	30	10	500202	12@6	DFT_BPSK	21.92	2.23	24.15	260.02	2000	PASS
n41	30	10	500202	1@1	DFT_BPSK	21.95	2.23	24.18	261.82	2000	PASS
n41	30	10	500202	1@22	DFT_BPSK	21.82	2.23	24.05	254.1	2000	PASS
n41	30	10	500202	24@0	DFT_QPSK	20.95	2.23	23.18	207.97	2000	PASS
n41	30	10	500202	12@6	DFT_QPSK	22.02	2.23	24.25	266.07	2000	PASS
n41	30	10	500202	1@1	DFT_QPSK	21.79	2.23	24.02	252.35	2000	PASS
n41	30	10	500202	1@22	DFT_QPSK	21.72	2.23	23.95	248.31	2000	PASS
n41	30	10	500202	24@0	DFT_16QAM	20.09	2.23	22.32	170.61	2000	PASS
n41	30	10	500202	12@6	DFT_16QAM	21.03	2.23	23.26	211.84	2000	PASS
n41	30	10	500202	1@1	DFT_16QAM	20.7	2.23	22.93	196.34	2000	PASS
n41	30	10	500202	1@22	DFT_16QAM	20.65	2.23	22.88	194.09	2000	PASS
n41	30	10	500202	24@0	DFT_64QAM	19.57	2.23	21.8	151.36	2000	PASS
n41	30	10	500202	12@6	DFT_64QAM	19.68	2.23	21.91	155.24	2000	PASS
n41	30	10	500202	1@1	DFT_64QAM	19.56	2.23	21.79	151.01	2000	PASS
n41	30	10	500202	1@22	DFT_64QAM	19.45	2.23	21.68	147.23	2000	PASS
n41	30	10	500202	24@0	DFT_256QAM	17.47	2.23	19.7	93.33	2000	PASS
n41	30	10	500202	12@6	DFT_256QAM	17.72	2.23	19.95	98.86	2000	PASS
n41	30	10	500202	1@1	DFT_256QAM	17.51	2.23	19.74	94.19	2000	PASS
n41	30	10	500202	1@22	DFT_256QAM	17.42	2.23	19.65	92.26	2000	PASS
n41	30	10	500202	24@0	CP_QPSK	18.97	2.23	21.2	131.83	2000	PASS
n41	30	10	500202	12@6	CP_QPSK	20.41	2.23	22.64	183.65	2000	PASS
n41	30	10	500202	1@1	CP_QPSK	20.37	2.23	22.6	181.97	2000	PASS
n41	30	10	500202	1@22	CP_QPSK	20.3	2.23	22.53	179.06	2000	PASS
n41	30	10	500202	24@0	CP_16QAM	19	2.23	21.23	132.74	2000	PASS
n41	30	10	500202	12@6	CP_16QAM	20.05	2.23	22.28	169.04	2000	PASS
n41	30	10	500202	1@1	CP_16QAM	19.93	2.23	22.16	164.44	2000	PASS
n41	30	10	500202	1@22	CP_16QAM	19.89	2.23	22.12	162.93	2000	PASS

n41	30	10	500202	24@0	CP_64QAM	18.46	2.23	20.69	117.22	2000	PASS
n41	30	10	500202	12@6	CP_64QAM	18.55	2.23	20.78	119.67	2000	PASS
n41	30	10	500202	1@1	CP_64QAM	18.21	2.23	20.44	110.66	2000	PASS
n41	30	10	500202	1@22	CP_64QAM	18.16	2.23	20.39	109.4	2000	PASS
n41	30	10	500202	24@0	CP_256QAM	15.47	2.23	17.7	58.88	2000	PASS
n41	30	10	500202	12@6	CP_256QAM	15.54	2.23	17.77	59.84	2000	PASS
n41	30	10	500202	1@1	CP_256QAM	15.78	2.23	18.01	63.24	2000	PASS
n41	30	10	500202	1@22	CP_256QAM	15.67	2.23	17.9	61.66	2000	PASS
n41	30	10	518598	24@0	DFT_BPSK	21.47	2.23	23.7	234.42	2000	PASS
n41	30	10	518598	12@6	DFT_BPSK	21.93	2.23	24.16	260.62	2000	PASS
n41	30	10	518598	1@1	DFT_BPSK	21.83	2.23	24.06	254.68	2000	PASS
n41	30	10	518598	1@22	DFT_BPSK	21.93	2.23	24.16	260.62	2000	PASS
n41	30	10	518598	24@0	DFT_QPSK	20.96	2.23	23.19	208.45	2000	PASS
n41	30	10	518598	12@6	DFT_QPSK	22.05	2.23	24.28	267.92	2000	PASS
n41	30	10	518598	1@1	DFT_QPSK	21.83	2.23	24.06	254.68	2000	PASS
n41	30	10	518598	1@22	DFT_QPSK	21.89	2.23	24.12	258.23	2000	PASS
n41	30	10	518598	24@0	DFT_16QAM	20.03	2.23	22.26	168.27	2000	PASS
n41	30	10	518598	12@6	DFT_16QAM	20.99	2.23	23.22	209.89	2000	PASS
n41	30	10	518598	1@1	DFT_16QAM	20.69	2.23	22.92	195.88	2000	PASS
n41	30	10	518598	1@22	DFT_16QAM	20.74	2.23	22.97	198.15	2000	PASS
n41	30	10	518598	24@0	DFT_64QAM	19.47	2.23	21.7	147.91	2000	PASS
n41	30	10	518598	12@6	DFT_64QAM	19.6	2.23	21.83	152.41	2000	PASS
n41	30	10	518598	1@1	DFT_64QAM	19.4	2.23	21.63	145.55	2000	PASS
n41	30	10	518598	1@22	DFT_64QAM	19.46	2.23	21.69	147.57	2000	PASS
n41	30	10	518598	24@0	DFT_256QAM	17.55	2.23	19.78	95.06	2000	PASS
n41	30	10	518598	12@6	DFT_256QAM	17.76	2.23	19.99	99.77	2000	PASS
n41	30	10	518598	1@1	DFT_256QAM	17.53	2.23	19.76	94.62	2000	PASS
n41	30	10	518598	1@22	DFT_256QAM	17.51	2.23	19.74	94.19	2000	PASS
n41	30	10	518598	24@0	CP_QPSK	18.96	2.23	21.19	131.52	2000	PASS
n41	30	10	518598	12@6	CP_QPSK	20.44	2.23	22.67	184.93	2000	PASS
n41	30	10	518598	1@1	CP_QPSK	20.36	2.23	22.59	181.55	2000	PASS
n41	30	10	518598	1@22	CP_QPSK	20.46	2.23	22.69	185.78	2000	PASS
n41	30	10	518598	24@0	CP_16QAM	18.95	2.23	21.18	131.22	2000	PASS
n41	30	10	518598	12@6	CP_16QAM	20.14	2.23	22.37	172.58	2000	PASS
n41	30	10	518598	1@1	CP_16QAM	20.11	2.23	22.34	171.4	2000	PASS
n41	30	10	518598	1@22	CP_16QAM	20.12	2.23	22.35	171.79	2000	PASS
n41	30	10	518598	24@0	CP_64QAM	18.54	2.23	20.77	119.4	2000	PASS
n41	30	10	518598	12@6	CP_64QAM	18.71	2.23	20.94	124.17	2000	PASS
n41	30	10	518598	1@1	CP_64QAM	18.26	2.23	20.49	111.94	2000	PASS
n41	30	10	518598	1@22	CP_64QAM	18.29	2.23	20.52	112.72	2000	PASS
n41	30	10	518598	24@0	CP_256QAM	15.53	2.23	17.76	59.7	2000	PASS
n41	30	10	518598	12@6	CP_256QAM	15.65	2.23	17.88	61.38	2000	PASS
n41	30	10	518598	1@1	CP_256QAM	15.78	2.23	18.01	63.24	2000	PASS

n41	30	10	518598	1@22	CP_256QAM	15.81	2.23	18.04	63.68	2000	PASS
n41	30	10	537000	24@0	DFT_BPSK	21.35	2.23	23.58	228.03	2000	PASS
n41	30	10	537000	12@6	DFT_BPSK	21.83	2.23	24.06	254.68	2000	PASS
n41	30	10	537000	1@1	DFT_BPSK	21.69	2.23	23.92	246.6	2000	PASS
n41	30	10	537000	1@22	DFT_BPSK	21.8	2.23	24.03	252.93	2000	PASS
n41	30	10	537000	24@0	DFT_QPSK	20.85	2.23	23.08	203.24	2000	PASS
n41	30	10	537000	12@6	DFT_QPSK	21.8	2.23	24.03	252.93	2000	PASS
n41	30	10	537000	1@1	DFT_QPSK	21.68	2.23	23.91	246.04	2000	PASS
n41	30	10	537000	1@22	DFT_QPSK	21.78	2.23	24.01	251.77	2000	PASS
n41	30	10	537000	24@0	DFT_16QAM	19.95	2.23	22.18	165.2	2000	PASS
n41	30	10	537000	12@6	DFT_16QAM	20.85	2.23	23.08	203.24	2000	PASS
n41	30	10	537000	1@1	DFT_16QAM	20.54	2.23	22.77	189.23	2000	PASS
n41	30	10	537000	1@22	DFT_16QAM	20.65	2.23	22.88	194.09	2000	PASS
n41	30	10	537000	24@0	DFT_64QAM	19.35	2.23	21.58	143.88	2000	PASS
n41	30	10	537000	12@6	DFT_64QAM	19.48	2.23	21.71	148.25	2000	PASS
n41	30	10	537000	1@1	DFT_64QAM	19.31	2.23	21.54	142.56	2000	PASS
n41	30	10	537000	1@22	DFT_64QAM	19.48	2.23	21.71	148.25	2000	PASS
n41	30	10	537000	24@0	DFT_256QAM	17.27	2.23	19.5	89.13	2000	PASS
n41	30	10	537000	12@6	DFT_256QAM	17.54	2.23	19.77	94.84	2000	PASS
n41	30	10	537000	1@1	DFT_256QAM	17.24	2.23	19.47	88.51	2000	PASS
n41	30	10	537000	1@22	DFT_256QAM	17.27	2.23	19.5	89.13	2000	PASS
n41	30	10	537000	24@0	CP_QPSK	18.75	2.23	20.98	125.31	2000	PASS
n41	30	10	537000	12@6	CP_QPSK	20.37	2.23	22.6	181.97	2000	PASS
n41	30	10	537000	1@1	CP_QPSK	20.21	2.23	22.44	175.39	2000	PASS
n41	30	10	537000	1@22	CP_QPSK	20.3	2.23	22.53	179.06	2000	PASS
n41	30	10	537000	24@0	CP_16QAM	18.82	2.23	21.05	127.35	2000	PASS
n41	30	10	537000	12@6	CP_16QAM	19.87	2.23	22.1	162.18	2000	PASS
n41	30	10	537000	1@1	CP_16QAM	19.92	2.23	22.15	164.06	2000	PASS
n41	30	10	537000	1@22	CP_16QAM	20.01	2.23	22.24	167.49	2000	PASS
n41	30	10	537000	24@0	CP_64QAM	18.35	2.23	20.58	114.29	2000	PASS
n41	30	10	537000	12@6	CP_64QAM	18.4	2.23	20.63	115.61	2000	PASS
n41	30	10	537000	1@1	CP_64QAM	17.97	2.23	20.2	104.71	2000	PASS
n41	30	10	537000	1@22	CP_64QAM	18.05	2.23	20.28	106.66	2000	PASS
n41	30	10	537000	24@0	CP_256QAM	15.3	2.23	17.53	56.62	2000	PASS
n41	30	10	537000	12@6	CP_256QAM	15.33	2.23	17.56	57.02	2000	PASS
n41	30	10	537000	1@1	CP_256QAM	15.47	2.23	17.7	58.88	2000	PASS
n41	30	10	537000	1@22	CP_256QAM	15.54	2.23	17.77	59.84	2000	PASS
n41	30	15	500700	36@0	DFT_BPSK	21.66	2.23	23.89	244.91	2000	PASS
n41	30	15	500700	18@9	DFT_BPSK	22.06	2.23	24.29	268.53	2000	PASS
n41	30	15	500700	1@1	DFT_BPSK	22.08	2.23	24.31	269.77	2000	PASS
n41	30	15	500700	1@36	DFT_BPSK	21.99	2.23	24.22	264.24	2000	PASS
n41	30	15	500700	36@0	DFT_QPSK	21.13	2.23	23.36	216.77	2000	PASS
n41	30	15	500700	18@9	DFT_QPSK	22.08	2.23	24.31	269.77	2000	PASS

n41	30	15	500700	1@1	DFT_QPSK	21.96	2.23	24.19	262.42	2000	PASS
n41	30	15	500700	1@36	DFT_QPSK	21.86	2.23	24.09	256.45	2000	PASS
n41	30	15	500700	36@0	DFT_16QAM	20.29	2.23	22.52	178.65	2000	PASS
n41	30	15	500700	18@9	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	15	500700	1@1	DFT_16QAM	20.94	2.23	23.17	207.49	2000	PASS
n41	30	15	500700	1@36	DFT_16QAM	20.84	2.23	23.07	202.77	2000	PASS
n41	30	15	500700	36@0	DFT_64QAM	19.72	2.23	21.95	156.68	2000	PASS
n41	30	15	500700	18@9	DFT_64QAM	19.7	2.23	21.93	155.96	2000	PASS
n41	30	15	500700	1@1	DFT_64QAM	19.65	2.23	21.88	154.17	2000	PASS
n41	30	15	500700	1@36	DFT_64QAM	19.55	2.23	21.78	150.66	2000	PASS
n41	30	15	500700	36@0	DFT_256QAM	17.58	2.23	19.81	95.72	2000	PASS
n41	30	15	500700	18@9	DFT_256QAM	17.61	2.23	19.84	96.38	2000	PASS
n41	30	15	500700	1@1	DFT_256QAM	17.61	2.23	19.84	96.38	2000	PASS
n41	30	15	500700	1@36	DFT_256QAM	17.53	2.23	19.76	94.62	2000	PASS
n41	30	15	500700	38@0	CP_QPSK	19.17	2.23	21.4	138.04	2000	PASS
n41	30	15	500700	19@9	CP_QPSK	20.52	2.23	22.75	188.36	2000	PASS
n41	30	15	500700	1@1	CP_QPSK	20.47	2.23	22.7	186.21	2000	PASS
n41	30	15	500700	1@36	CP_QPSK	20.37	2.23	22.6	181.97	2000	PASS
n41	30	15	500700	38@0	CP_16QAM	19.24	2.23	21.47	140.28	2000	PASS
n41	30	15	500700	19@9	CP_16QAM	20.11	2.23	22.34	171.4	2000	PASS
n41	30	15	500700	1@1	CP_16QAM	20.03	2.23	22.26	168.27	2000	PASS
n41	30	15	500700	1@36	CP_16QAM	19.92	2.23	22.15	164.06	2000	PASS
n41	30	15	500700	38@0	CP_64QAM	18.56	2.23	20.79	119.95	2000	PASS
n41	30	15	500700	19@9	CP_64QAM	18.58	2.23	20.81	120.5	2000	PASS
n41	30	15	500700	1@1	CP_64QAM	18.32	2.23	20.55	113.5	2000	PASS
n41	30	15	500700	1@36	CP_64QAM	18.22	2.23	20.45	110.92	2000	PASS
n41	30	15	500700	38@0	CP_256QAM	15.68	2.23	17.91	61.8	2000	PASS
n41	30	15	500700	19@9	CP_256QAM	15.71	2.23	17.94	62.23	2000	PASS
n41	30	15	500700	1@1	CP_256QAM	15.9	2.23	18.13	65.01	2000	PASS
n41	30	15	500700	1@36	CP_256QAM	15.75	2.23	17.98	62.81	2000	PASS
n41	30	15	518598	36@0	DFT_BPSK	21.64	2.23	23.87	243.78	2000	PASS
n41	30	15	518598	18@9	DFT_BPSK	22.14	2.23	24.37	273.53	2000	PASS
n41	30	15	518598	1@1	DFT_BPSK	21.92	2.23	24.15	260.02	2000	PASS
n41	30	15	518598	1@36	DFT_BPSK	22	2.23	24.23	264.85	2000	PASS
n41	30	15	518598	36@0	DFT_QPSK	21.09	2.23	23.32	214.78	2000	PASS
n41	30	15	518598	18@9	DFT_QPSK	22.04	2.23	24.27	267.3	2000	PASS
n41	30	15	518598	1@1	DFT_QPSK	21.92	2.23	24.15	260.02	2000	PASS
n41	30	15	518598	1@36	DFT_QPSK	21.96	2.23	24.19	262.42	2000	PASS
n41	30	15	518598	36@0	DFT_16QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	15	518598	18@9	DFT_16QAM	21.1	2.23	23.33	215.28	2000	PASS
n41	30	15	518598	1@1	DFT_16QAM	20.73	2.23	22.96	197.7	2000	PASS
n41	30	15	518598	1@36	DFT_16QAM	20.8	2.23	23.03	200.91	2000	PASS
n41	30	15	518598	36@0	DFT_64QAM	19.65	2.23	21.88	154.17	2000	PASS

n41	30	15	518598	18@9	DFT_64QAM	19.61	2.23	21.84	152.76	2000	PASS
n41	30	15	518598	1@1	DFT_64QAM	19.5	2.23	21.73	148.94	2000	PASS
n41	30	15	518598	1@36	DFT_64QAM	19.57	2.23	21.8	151.36	2000	PASS
n41	30	15	518598	36@0	DFT_256QAM	17.61	2.23	19.84	96.38	2000	PASS
n41	30	15	518598	18@9	DFT_256QAM	17.68	2.23	19.91	97.95	2000	PASS
n41	30	15	518598	1@1	DFT_256QAM	17.53	2.23	19.76	94.62	2000	PASS
n41	30	15	518598	1@36	DFT_256QAM	17.58	2.23	19.81	95.72	2000	PASS
n41	30	15	518598	38@0	CP_QPSK	19.12	2.23	21.35	136.46	2000	PASS
n41	30	15	518598	19@9	CP_QPSK	20.53	2.23	22.76	188.8	2000	PASS
n41	30	15	518598	1@1	CP_QPSK	20.43	2.23	22.66	184.5	2000	PASS
n41	30	15	518598	1@36	CP_QPSK	20.47	2.23	22.7	186.21	2000	PASS
n41	30	15	518598	38@0	CP_16QAM	19.19	2.23	21.42	138.68	2000	PASS
n41	30	15	518598	19@9	CP_16QAM	20.11	2.23	22.34	171.4	2000	PASS
n41	30	15	518598	1@1	CP_16QAM	20	2.23	22.23	167.11	2000	PASS
n41	30	15	518598	1@36	CP_16QAM	20.03	2.23	22.26	168.27	2000	PASS
n41	30	15	518598	38@0	CP_64QAM	18.65	2.23	20.88	122.46	2000	PASS
n41	30	15	518598	19@9	CP_64QAM	18.67	2.23	20.9	123.03	2000	PASS
n41	30	15	518598	1@1	CP_64QAM	18.34	2.23	20.57	114.02	2000	PASS
n41	30	15	518598	1@36	CP_64QAM	18.34	2.23	20.57	114.02	2000	PASS
n41	30	15	518598	38@0	CP_256QAM	15.7	2.23	17.93	62.09	2000	PASS
n41	30	15	518598	19@9	CP_256QAM	15.77	2.23	18	63.1	2000	PASS
n41	30	15	518598	1@1	CP_256QAM	15.83	2.23	18.06	63.97	2000	PASS
n41	30	15	518598	1@36	CP_256QAM	15.84	2.23	18.07	64.12	2000	PASS
n41	30	15	536496	36@0	DFT_BPSK	21.51	2.23	23.74	236.59	2000	PASS
n41	30	15	536496	18@9	DFT_BPSK	21.89	2.23	24.12	258.23	2000	PASS
n41	30	15	536496	1@1	DFT_BPSK	21.91	2.23	24.14	259.42	2000	PASS
n41	30	15	536496	1@36	DFT_BPSK	21.9	2.23	24.13	258.82	2000	PASS
n41	30	15	536496	36@0	DFT_QPSK	20.96	2.23	23.19	208.45	2000	PASS
n41	30	15	536496	18@9	DFT_QPSK	21.85	2.23	24.08	255.86	2000	PASS
n41	30	15	536496	1@1	DFT_QPSK	21.88	2.23	24.11	257.63	2000	PASS
n41	30	15	536496	1@36	DFT_QPSK	21.88	2.23	24.11	257.63	2000	PASS
n41	30	15	536496	36@0	DFT_16QAM	20.08	2.23	22.31	170.22	2000	PASS
n41	30	15	536496	18@9	DFT_16QAM	20.91	2.23	23.14	206.06	2000	PASS
n41	30	15	536496	1@1	DFT_16QAM	20.67	2.23	22.9	194.98	2000	PASS
n41	30	15	536496	1@36	DFT_16QAM	20.72	2.23	22.95	197.24	2000	PASS
n41	30	15	536496	36@0	DFT_64QAM	19.54	2.23	21.77	150.31	2000	PASS
n41	30	15	536496	18@9	DFT_64QAM	19.47	2.23	21.7	147.91	2000	PASS
n41	30	15	536496	1@1	DFT_64QAM	19.46	2.23	21.69	147.57	2000	PASS
n41	30	15	536496	1@36	DFT_64QAM	19.48	2.23	21.71	148.25	2000	PASS
n41	30	15	536496	36@0	DFT_256QAM	17.35	2.23	19.58	90.78	2000	PASS
n41	30	15	536496	18@9	DFT_256QAM	17.43	2.23	19.66	92.47	2000	PASS
n41	30	15	536496	1@1	DFT_256QAM	17.43	2.23	19.66	92.47	2000	PASS
n41	30	15	536496	1@36	DFT_256QAM	17.37	2.23	19.6	91.2	2000	PASS

n41	30	15	536496	38@0	CP_QPSK	18.91	2.23	21.14	130.02	2000	PASS
n41	30	15	536496	19@9	CP_QPSK	20.41	2.23	22.64	183.65	2000	PASS
n41	30	15	536496	1@1	CP_QPSK	20.37	2.23	22.6	181.97	2000	PASS
n41	30	15	536496	1@36	CP_QPSK	20.36	2.23	22.59	181.55	2000	PASS
n41	30	15	536496	38@0	CP_16QAM	19.13	2.23	21.36	136.77	2000	PASS
n41	30	15	536496	19@9	CP_16QAM	19.99	2.23	22.22	166.72	2000	PASS
n41	30	15	536496	1@1	CP_16QAM	19.95	2.23	22.18	165.2	2000	PASS
n41	30	15	536496	1@36	CP_16QAM	19.92	2.23	22.15	164.06	2000	PASS
n41	30	15	536496	38@0	CP_64QAM	18.46	2.23	20.69	117.22	2000	PASS
n41	30	15	536496	19@9	CP_64QAM	18.41	2.23	20.64	115.88	2000	PASS
n41	30	15	536496	1@1	CP_64QAM	18.19	2.23	20.42	110.15	2000	PASS
n41	30	15	536496	1@36	CP_64QAM	18.14	2.23	20.37	108.89	2000	PASS
n41	30	15	536496	38@0	CP_256QAM	15.51	2.23	17.74	59.43	2000	PASS
n41	30	15	536496	19@9	CP_256QAM	15.5	2.23	17.73	59.29	2000	PASS
n41	30	15	536496	1@1	CP_256QAM	15.69	2.23	17.92	61.94	2000	PASS
n41	30	15	536496	1@36	CP_256QAM	15.62	2.23	17.85	60.95	2000	PASS
n41	30	20	501204	50@0	DFT_BPSK	21.66	2.23	23.89	244.91	2000	PASS
n41	30	20	501204	25@12	DFT_BPSK	21.97	2.23	24.2	263.03	2000	PASS
n41	30	20	501204	1@1	DFT_BPSK	22.14	2.23	24.37	273.53	2000	PASS
n41	30	20	501204	1@49	DFT_BPSK	22.01	2.23	24.24	265.46	2000	PASS
n41	30	20	501204	50@0	DFT_QPSK	21.17	2.23	23.4	218.78	2000	PASS
n41	30	20	501204	25@12	DFT_QPSK	22.14	2.23	24.37	273.53	2000	PASS
n41	30	20	501204	1@1	DFT_QPSK	21.92	2.23	24.15	260.02	2000	PASS
n41	30	20	501204	1@49	DFT_QPSK	21.9	2.23	24.13	258.82	2000	PASS
n41	30	20	501204	50@0	DFT_16QAM	20.14	2.23	22.37	172.58	2000	PASS
n41	30	20	501204	25@12	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	20	501204	1@1	DFT_16QAM	20.88	2.23	23.11	204.64	2000	PASS
n41	30	20	501204	1@49	DFT_16QAM	20.83	2.23	23.06	202.3	2000	PASS
n41	30	20	501204	50@0	DFT_64QAM	19.59	2.23	21.82	152.05	2000	PASS
n41	30	20	501204	25@12	DFT_64QAM	19.68	2.23	21.91	155.24	2000	PASS
n41	30	20	501204	1@1	DFT_64QAM	19.62	2.23	21.85	153.11	2000	PASS
n41	30	20	501204	1@49	DFT_64QAM	19.59	2.23	21.82	152.05	2000	PASS
n41	30	20	501204	50@0	DFT_256QAM	17.55	2.23	19.78	95.06	2000	PASS
n41	30	20	501204	25@12	DFT_256QAM	17.59	2.23	19.82	95.94	2000	PASS
n41	30	20	501204	1@1	DFT_256QAM	17.63	2.23	19.86	96.83	2000	PASS
n41	30	20	501204	1@49	DFT_256QAM	17.65	2.23	19.88	97.27	2000	PASS
n41	30	20	501204	51@0	CP_QPSK	19.1	2.23	21.33	135.83	2000	PASS
n41	30	20	501204	25@12	CP_QPSK	20.71	2.23	22.94	196.79	2000	PASS
n41	30	20	501204	1@1	CP_QPSK	20.51	2.23	22.74	187.93	2000	PASS
n41	30	20	501204	1@49	CP_QPSK	20.52	2.23	22.75	188.36	2000	PASS
n41	30	20	501204	51@0	CP_16QAM	19.18	2.23	21.41	138.36	2000	PASS
n41	30	20	501204	25@12	CP_16QAM	20.14	2.23	22.37	172.58	2000	PASS
n41	30	20	501204	1@1	CP_16QAM	20.03	2.23	22.26	168.27	2000	PASS

n41	30	20	501204	1@49	CP_16QAM	20.07	2.23	22.3	169.82	2000	PASS
n41	30	20	501204	51@0	CP_64QAM	18.64	2.23	20.87	122.18	2000	PASS
n41	30	20	501204	25@12	CP_64QAM	18.6	2.23	20.83	121.06	2000	PASS
n41	30	20	501204	1@1	CP_64QAM	18.25	2.23	20.48	111.69	2000	PASS
n41	30	20	501204	1@49	CP_64QAM	18.12	2.23	20.35	108.39	2000	PASS
n41	30	20	501204	51@0	CP_256QAM	15.66	2.23	17.89	61.52	2000	PASS
n41	30	20	501204	25@12	CP_256QAM	15.62	2.23	17.85	60.95	2000	PASS
n41	30	20	501204	1@1	CP_256QAM	15.81	2.23	18.04	63.68	2000	PASS
n41	30	20	501204	1@49	CP_256QAM	15.84	2.23	18.07	64.12	2000	PASS
n41	30	20	518598	50@0	DFT_BPSK	21.6	2.23	23.83	241.55	2000	PASS
n41	30	20	518598	25@12	DFT_BPSK	22.2	2.23	24.43	277.33	2000	PASS
n41	30	20	518598	1@1	DFT_BPSK	21.96	2.23	24.19	262.42	2000	PASS
n41	30	20	518598	1@49	DFT_BPSK	22.04	2.23	24.27	267.3	2000	PASS
n41	30	20	518598	50@0	DFT_QPSK	21.15	2.23	23.38	217.77	2000	PASS
n41	30	20	518598	25@12	DFT_QPSK	22.15	2.23	24.38	274.16	2000	PASS
n41	30	20	518598	1@1	DFT_QPSK	21.91	2.23	24.14	259.42	2000	PASS
n41	30	20	518598	1@49	DFT_QPSK	21.98	2.23	24.21	263.63	2000	PASS
n41	30	20	518598	50@0	DFT_16QAM	20.1	2.23	22.33	171	2000	PASS
n41	30	20	518598	25@12	DFT_16QAM	21.19	2.23	23.42	219.79	2000	PASS
n41	30	20	518598	1@1	DFT_16QAM	20.75	2.23	22.98	198.61	2000	PASS
n41	30	20	518598	1@49	DFT_16QAM	20.8	2.23	23.03	200.91	2000	PASS
n41	30	20	518598	50@0	DFT_64QAM	19.56	2.23	21.79	151.01	2000	PASS
n41	30	20	518598	25@12	DFT_64QAM	19.65	2.23	21.88	154.17	2000	PASS
n41	30	20	518598	1@1	DFT_64QAM	19.56	2.23	21.79	151.01	2000	PASS
n41	30	20	518598	1@49	DFT_64QAM	19.59	2.23	21.82	152.05	2000	PASS
n41	30	20	518598	50@0	DFT_256QAM	17.46	2.23	19.69	93.11	2000	PASS
n41	30	20	518598	25@12	DFT_256QAM	17.66	2.23	19.89	97.5	2000	PASS
n41	30	20	518598	1@1	DFT_256QAM	17.55	2.23	19.78	95.06	2000	PASS
n41	30	20	518598	1@49	DFT_256QAM	17.63	2.23	19.86	96.83	2000	PASS
n41	30	20	518598	51@0	CP_QPSK	19.17	2.23	21.4	138.04	2000	PASS
n41	30	20	518598	25@12	CP_QPSK	20.67	2.23	22.9	194.98	2000	PASS
n41	30	20	518598	1@1	CP_QPSK	20.45	2.23	22.68	185.35	2000	PASS
n41	30	20	518598	1@49	CP_QPSK	20.47	2.23	22.7	186.21	2000	PASS
n41	30	20	518598	51@0	CP_16QAM	19.11	2.23	21.34	136.14	2000	PASS
n41	30	20	518598	25@12	CP_16QAM	20.22	2.23	22.45	175.79	2000	PASS
n41	30	20	518598	1@1	CP_16QAM	19.99	2.23	22.22	166.72	2000	PASS
n41	30	20	518598	1@49	CP_16QAM	20.07	2.23	22.3	169.82	2000	PASS
n41	30	20	518598	51@0	CP_64QAM	18.69	2.23	20.92	123.59	2000	PASS
n41	30	20	518598	25@12	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
n41	30	20	518598	1@1	CP_64QAM	18.33	2.23	20.56	113.76	2000	PASS
n41	30	20	518598	1@49	CP_64QAM	18.25	2.23	20.48	111.69	2000	PASS
n41	30	20	518598	51@0	CP_256QAM	15.72	2.23	17.95	62.37	2000	PASS
n41	30	20	518598	25@12	CP_256QAM	15.82	2.23	18.05	63.83	2000	PASS

n41	30	20	518598	1@1	CP_256QAM	15.87	2.23	18.1	64.57	2000	PASS
n41	30	20	518598	1@49	CP_256QAM	15.86	2.23	18.09	64.42	2000	PASS
n41	30	20	535998	50@0	DFT_BPSK	21.56	2.23	23.79	239.33	2000	PASS
n41	30	20	535998	25@12	DFT_BPSK	21.91	2.23	24.14	259.42	2000	PASS
n41	30	20	535998	1@1	DFT_BPSK	22.1	2.23	24.33	271.02	2000	PASS
n41	30	20	535998	1@49	DFT_BPSK	21.97	2.23	24.2	263.03	2000	PASS
n41	30	20	535998	50@0	DFT_QPSK	21.08	2.23	23.31	214.29	2000	PASS
n41	30	20	535998	25@12	DFT_QPSK	22.08	2.23	24.31	269.77	2000	PASS
n41	30	20	535998	1@1	DFT_QPSK	22.1	2.23	24.33	271.02	2000	PASS
n41	30	20	535998	1@49	DFT_QPSK	21.95	2.23	24.18	261.82	2000	PASS
n41	30	20	535998	50@0	DFT_16QAM	20	2.23	22.23	167.11	2000	PASS
n41	30	20	535998	25@12	DFT_16QAM	20.96	2.23	23.19	208.45	2000	PASS
n41	30	20	535998	1@1	DFT_16QAM	20.93	2.23	23.16	207.01	2000	PASS
n41	30	20	535998	1@49	DFT_16QAM	20.77	2.23	23	199.53	2000	PASS
n41	30	20	535998	50@0	DFT_64QAM	19.59	2.23	21.82	152.05	2000	PASS
n41	30	20	535998	25@12	DFT_64QAM	19.57	2.23	21.8	151.36	2000	PASS
n41	30	20	535998	1@1	DFT_64QAM	19.74	2.23	21.97	157.4	2000	PASS
n41	30	20	535998	1@49	DFT_64QAM	19.63	2.23	21.86	153.46	2000	PASS
n41	30	20	535998	50@0	DFT_256QAM	17.5	2.23	19.73	93.97	2000	PASS
n41	30	20	535998	25@12	DFT_256QAM	17.45	2.23	19.68	92.9	2000	PASS
n41	30	20	535998	1@1	DFT_256QAM	17.62	2.23	19.85	96.61	2000	PASS
n41	30	20	535998	1@49	DFT_256QAM	17.45	2.23	19.68	92.9	2000	PASS
n41	30	20	535998	51@0	CP_QPSK	19.01	2.23	21.24	133.05	2000	PASS
n41	30	20	535998	25@12	CP_QPSK	20.41	2.23	22.64	183.65	2000	PASS
n41	30	20	535998	1@1	CP_QPSK	20.63	2.23	22.86	193.2	2000	PASS
n41	30	20	535998	1@49	CP_QPSK	20.55	2.23	22.78	189.67	2000	PASS
n41	30	20	535998	51@0	CP_16QAM	19.09	2.23	21.32	135.52	2000	PASS
n41	30	20	535998	25@12	CP_16QAM	20.11	2.23	22.34	171.4	2000	PASS
n41	30	20	535998	1@1	CP_16QAM	20.14	2.23	22.37	172.58	2000	PASS
n41	30	20	535998	1@49	CP_16QAM	20.06	2.23	22.29	169.43	2000	PASS
n41	30	20	535998	51@0	CP_64QAM	18.46	2.23	20.69	117.22	2000	PASS
n41	30	20	535998	25@12	CP_64QAM	18.55	2.23	20.78	119.67	2000	PASS
n41	30	20	535998	1@1	CP_64QAM	18.38	2.23	20.61	115.08	2000	PASS
n41	30	20	535998	1@49	CP_64QAM	18.6	2.23	20.83	121.06	2000	PASS
n41	30	20	535998	51@0	CP_256QAM	15.54	2.23	17.77	59.84	2000	PASS
n41	30	20	535998	25@12	CP_256QAM	15.6	2.23	17.83	60.67	2000	PASS
n41	30	20	535998	1@1	CP_256QAM	15.87	2.23	18.1	64.57	2000	PASS
n41	30	20	535998	1@49	CP_256QAM	15.7	2.23	17.93	62.09	2000	PASS
n41	30	30	502200	75@0	DFT_BPSK	21.75	2.23	23.98	250.03	2000	PASS
n41	30	30	502200	36@18	DFT_BPSK	22.28	2.23	24.51	282.49	2000	PASS
n41	30	30	502200	1@1	DFT_BPSK	22.14	2.23	24.37	273.53	2000	PASS
n41	30	30	502200	1@76	DFT_BPSK	22.35	2.23	24.58	287.08	2000	PASS
n41	30	30	502200	75@0	DFT_QPSK	21.31	2.23	23.54	225.94	2000	PASS

n41	30	30	502200	36@18	DFT_QPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	30	502200	1@1	DFT_QPSK	22.04	2.23	24.27	267.3	2000	PASS
n41	30	30	502200	1@76	DFT_QPSK	22.22	2.23	24.45	278.61	2000	PASS
n41	30	30	502200	75@0	DFT_16QAM	20.31	2.23	22.54	179.47	2000	PASS
n41	30	30	502200	36@18	DFT_16QAM	21.32	2.23	23.55	226.46	2000	PASS
n41	30	30	502200	1@1	DFT_16QAM	21	2.23	23.23	210.38	2000	PASS
n41	30	30	502200	1@76	DFT_16QAM	21.22	2.23	23.45	221.31	2000	PASS
n41	30	30	502200	75@0	DFT_64QAM	19.82	2.23	22.05	160.32	2000	PASS
n41	30	30	502200	36@18	DFT_64QAM	19.77	2.23	22	158.49	2000	PASS
n41	30	30	502200	1@1	DFT_64QAM	19.73	2.23	21.96	157.04	2000	PASS
n41	30	30	502200	1@76	DFT_64QAM	19.88	2.23	22.11	162.55	2000	PASS
n41	30	30	502200	75@0	DFT_256QAM	17.5	2.23	19.73	93.97	2000	PASS
n41	30	30	502200	36@18	DFT_256QAM	17.61	2.23	19.84	96.38	2000	PASS
n41	30	30	502200	1@1	DFT_256QAM	17.69	2.23	19.92	98.17	2000	PASS
n41	30	30	502200	1@76	DFT_256QAM	17.85	2.23	20.08	101.86	2000	PASS
n41	30	30	502200	78@0	CP_QPSK	19.21	2.23	21.44	139.32	2000	PASS
n41	30	30	502200	39@19	CP_QPSK	20.67	2.23	22.9	194.98	2000	PASS
n41	30	30	502200	1@1	CP_QPSK	20.51	2.23	22.74	187.93	2000	PASS
n41	30	30	502200	1@76	CP_QPSK	20.7	2.23	22.93	196.34	2000	PASS
n41	30	30	502200	78@0	CP_16QAM	19.33	2.23	21.56	143.22	2000	PASS
n41	30	30	502200	39@19	CP_16QAM	20.34	2.23	22.57	180.72	2000	PASS
n41	30	30	502200	1@1	CP_16QAM	20.03	2.23	22.26	168.27	2000	PASS
n41	30	30	502200	1@76	CP_16QAM	20.24	2.23	22.47	176.6	2000	PASS
n41	30	30	502200	78@0	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
n41	30	30	502200	39@19	CP_64QAM	18.69	2.23	20.92	123.59	2000	PASS
n41	30	30	502200	1@1	CP_64QAM	18.37	2.23	20.6	114.82	2000	PASS
n41	30	30	502200	1@76	CP_64QAM	18.2	2.23	20.43	110.41	2000	PASS
n41	30	30	502200	78@0	CP_256QAM	15.81	2.23	18.04	63.68	2000	PASS
n41	30	30	502200	39@19	CP_256QAM	15.71	2.23	17.94	62.23	2000	PASS
n41	30	30	502200	1@1	CP_256QAM	15.94	2.23	18.17	65.61	2000	PASS
n41	30	30	502200	1@76	CP_256QAM	16.08	2.23	18.31	67.76	2000	PASS
n41	30	30	518598	75@0	DFT_BPSK	21.65	2.23	23.88	244.34	2000	PASS
n41	30	30	518598	36@18	DFT_BPSK	22.22	2.23	24.45	278.61	2000	PASS
n41	30	30	518598	1@1	DFT_BPSK	21.91	2.23	24.14	259.42	2000	PASS
n41	30	30	518598	1@76	DFT_BPSK	22.06	2.23	24.29	268.53	2000	PASS
n41	30	30	518598	75@0	DFT_QPSK	21.15	2.23	23.38	217.77	2000	PASS
n41	30	30	518598	36@18	DFT_QPSK	22.18	2.23	24.41	276.06	2000	PASS
n41	30	30	518598	1@1	DFT_QPSK	21.92	2.23	24.15	260.02	2000	PASS
n41	30	30	518598	1@76	DFT_QPSK	22.04	2.23	24.27	267.3	2000	PASS
n41	30	30	518598	75@0	DFT_16QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	30	518598	36@18	DFT_16QAM	21.28	2.23	23.51	224.39	2000	PASS
n41	30	30	518598	1@1	DFT_16QAM	20.71	2.23	22.94	196.79	2000	PASS
n41	30	30	518598	1@76	DFT_16QAM	20.84	2.23	23.07	202.77	2000	PASS

n41	30	30	518598	75@0	DFT_64QAM	19.68	2.23	21.91	155.24	2000	PASS
n41	30	30	518598	36@18	DFT_64QAM	19.84	2.23	22.07	161.06	2000	PASS
n41	30	30	518598	1@1	DFT_64QAM	19.68	2.23	21.91	155.24	2000	PASS
n41	30	30	518598	1@76	DFT_64QAM	19.76	2.23	21.99	158.12	2000	PASS
n41	30	30	518598	75@0	DFT_256QAM	17.62	2.23	19.85	96.61	2000	PASS
n41	30	30	518598	36@18	DFT_256QAM	17.62	2.23	19.85	96.61	2000	PASS
n41	30	30	518598	1@1	DFT_256QAM	17.48	2.23	19.71	93.54	2000	PASS
n41	30	30	518598	1@76	DFT_256QAM	17.65	2.23	19.88	97.27	2000	PASS
n41	30	30	518598	78@0	CP_QPSK	19.2	2.23	21.43	139	2000	PASS
n41	30	30	518598	39@19	CP_QPSK	20.65	2.23	22.88	194.09	2000	PASS
n41	30	30	518598	1@1	CP_QPSK	20.49	2.23	22.72	187.07	2000	PASS
n41	30	30	518598	1@76	CP_QPSK	20.51	2.23	22.74	187.93	2000	PASS
n41	30	30	518598	78@0	CP_16QAM	19.18	2.23	21.41	138.36	2000	PASS
n41	30	30	518598	39@19	CP_16QAM	20.29	2.23	22.52	178.65	2000	PASS
n41	30	30	518598	1@1	CP_16QAM	20	2.23	22.23	167.11	2000	PASS
n41	30	30	518598	1@76	CP_16QAM	19.94	2.23	22.17	164.82	2000	PASS
n41	30	30	518598	78@0	CP_64QAM	18.73	2.23	20.96	124.74	2000	PASS
n41	30	30	518598	39@19	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
n41	30	30	518598	1@1	CP_64QAM	18.22	2.23	20.45	110.92	2000	PASS
n41	30	30	518598	1@76	CP_64QAM	18.32	2.23	20.55	113.5	2000	PASS
n41	30	30	518598	78@0	CP_256QAM	15.7	2.23	17.93	62.09	2000	PASS
n41	30	30	518598	39@19	CP_256QAM	15.77	2.23	18	63.1	2000	PASS
n41	30	30	518598	1@1	CP_256QAM	15.67	2.23	17.9	61.66	2000	PASS
n41	30	30	518598	1@76	CP_256QAM	15.82	2.23	18.05	63.83	2000	PASS
n41	30	30	534996	75@0	DFT_BPSK	21.8	2.23	24.03	252.93	2000	PASS
n41	30	30	534996	36@18	DFT_BPSK	22.28	2.23	24.51	282.49	2000	PASS
n41	30	30	534996	1@1	DFT_BPSK	22.35	2.23	24.58	287.08	2000	PASS
n41	30	30	534996	1@76	DFT_BPSK	22.16	2.23	24.39	274.79	2000	PASS
n41	30	30	534996	75@0	DFT_QPSK	21.33	2.23	23.56	226.99	2000	PASS
n41	30	30	534996	36@18	DFT_QPSK	22.33	2.23	24.56	285.76	2000	PASS
n41	30	30	534996	1@1	DFT_QPSK	22.31	2.23	24.54	284.45	2000	PASS
n41	30	30	534996	1@76	DFT_QPSK	22.11	2.23	24.34	271.64	2000	PASS
n41	30	30	534996	75@0	DFT_16QAM	20.32	2.23	22.55	179.89	2000	PASS
n41	30	30	534996	36@18	DFT_16QAM	21.36	2.23	23.59	228.56	2000	PASS
n41	30	30	534996	1@1	DFT_16QAM	21.17	2.23	23.4	218.78	2000	PASS
n41	30	30	534996	1@76	DFT_16QAM	20.95	2.23	23.18	207.97	2000	PASS
n41	30	30	534996	75@0	DFT_64QAM	19.84	2.23	22.07	161.06	2000	PASS
n41	30	30	534996	36@18	DFT_64QAM	19.9	2.23	22.13	163.31	2000	PASS
n41	30	30	534996	1@1	DFT_64QAM	19.86	2.23	22.09	161.81	2000	PASS
n41	30	30	534996	1@76	DFT_64QAM	19.76	2.23	21.99	158.12	2000	PASS
n41	30	30	534996	75@0	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
n41	30	30	534996	36@18	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
n41	30	30	534996	1@1	DFT_256QAM	17.99	2.23	20.22	105.2	2000	PASS

n41	30	30	534996	1@76	DFT_256QAM	17.7	2.23	19.93	98.4	2000	PASS
n41	30	30	534996	78@0	CP_QPSK	19.41	2.23	21.64	145.88	2000	PASS
n41	30	30	534996	39@19	CP_QPSK	20.77	2.23	23	199.53	2000	PASS
n41	30	30	534996	1@1	CP_QPSK	20.81	2.23	23.04	201.37	2000	PASS
n41	30	30	534996	1@76	CP_QPSK	20.6	2.23	22.83	191.87	2000	PASS
n41	30	30	534996	78@0	CP_16QAM	19.42	2.23	21.65	146.22	2000	PASS
n41	30	30	534996	39@19	CP_16QAM	20.43	2.23	22.66	184.5	2000	PASS
n41	30	30	534996	1@1	CP_16QAM	20.36	2.23	22.59	181.55	2000	PASS
n41	30	30	534996	1@76	CP_16QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	30	534996	78@0	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
n41	30	30	534996	39@19	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
n41	30	30	534996	1@1	CP_64QAM	18.2	2.23	20.43	110.41	2000	PASS
n41	30	30	534996	1@76	CP_64QAM	18.37	2.23	20.6	114.82	2000	PASS
n41	30	30	534996	78@0	CP_256QAM	15.84	2.23	18.07	64.12	2000	PASS
n41	30	30	534996	39@19	CP_256QAM	15.88	2.23	18.11	64.71	2000	PASS
n41	30	30	534996	1@1	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
n41	30	30	534996	1@76	CP_256QAM	15.91	2.23	18.14	65.16	2000	PASS
n41	30	40	503202	100@0	DFT_BPSK	21.78	2.23	24.01	251.77	2000	PASS
n41	30	40	503202	50@25	DFT_BPSK	22.26	2.23	24.49	281.19	2000	PASS
n41	30	40	503202	1@1	DFT_BPSK	22.19	2.23	24.42	276.69	2000	PASS
n41	30	40	503202	1@104	DFT_BPSK	22.2	2.23	24.43	277.33	2000	PASS
n41	30	40	503202	100@0	DFT_QPSK	21.34	2.23	23.57	227.51	2000	PASS
n41	30	40	503202	50@25	DFT_QPSK	22.28	2.23	24.51	282.49	2000	PASS
n41	30	40	503202	1@1	DFT_QPSK	22.13	2.23	24.36	272.9	2000	PASS
n41	30	40	503202	1@104	DFT_QPSK	22.19	2.23	24.42	276.69	2000	PASS
n41	30	40	503202	100@0	DFT_16QAM	20.38	2.23	22.61	182.39	2000	PASS
n41	30	40	503202	50@25	DFT_16QAM	21.32	2.23	23.55	226.46	2000	PASS
n41	30	40	503202	1@1	DFT_16QAM	20.99	2.23	23.22	209.89	2000	PASS
n41	30	40	503202	1@104	DFT_16QAM	21	2.23	23.23	210.38	2000	PASS
n41	30	40	503202	100@0	DFT_64QAM	19.87	2.23	22.1	162.18	2000	PASS
n41	30	40	503202	50@25	DFT_64QAM	19.81	2.23	22.04	159.96	2000	PASS
n41	30	40	503202	1@1	DFT_64QAM	19.68	2.23	21.91	155.24	2000	PASS
n41	30	40	503202	1@104	DFT_64QAM	19.77	2.23	22	158.49	2000	PASS
n41	30	40	503202	100@0	DFT_256QAM	17.3	2.23	19.53	89.74	2000	PASS
n41	30	40	503202	50@25	DFT_256QAM	17.74	2.23	19.97	99.31	2000	PASS
n41	30	40	503202	1@1	DFT_256QAM	17.77	2.23	20	100	2000	PASS
n41	30	40	503202	1@104	DFT_256QAM	17.77	2.23	20	100	2000	PASS
n41	30	40	503202	106@0	CP_QPSK	19.25	2.23	21.48	140.6	2000	PASS
n41	30	40	503202	53@26	CP_QPSK	20.72	2.23	22.95	197.24	2000	PASS
n41	30	40	503202	1@1	CP_QPSK	20.57	2.23	22.8	190.55	2000	PASS
n41	30	40	503202	1@104	CP_QPSK	20.7	2.23	22.93	196.34	2000	PASS
n41	30	40	503202	106@0	CP_16QAM	19.41	2.23	21.64	145.88	2000	PASS
n41	30	40	503202	53@26	CP_16QAM	20.3	2.23	22.53	179.06	2000	PASS

n41	30	40	503202	1@1	CP_16QAM	20.06	2.23	22.29	169.43	2000	PASS
n41	30	40	503202	1@104	CP_16QAM	20.2	2.23	22.43	174.98	2000	PASS
n41	30	40	503202	106@0	CP_64QAM	18.81	2.23	21.04	127.06	2000	PASS
n41	30	40	503202	53@26	CP_64QAM	18.75	2.23	20.98	125.31	2000	PASS
n41	30	40	503202	1@1	CP_64QAM	18.38	2.23	20.61	115.08	2000	PASS
n41	30	40	503202	1@104	CP_64QAM	18.5	2.23	20.73	118.3	2000	PASS
n41	30	40	503202	106@0	CP_256QAM	15.81	2.23	18.04	63.68	2000	PASS
n41	30	40	503202	53@26	CP_256QAM	15.8	2.23	18.03	63.53	2000	PASS
n41	30	40	503202	1@1	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	40	503202	1@104	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	40	518598	100@0	DFT_BPSK	21.68	2.23	23.91	246.04	2000	PASS
n41	30	40	518598	50@25	DFT_BPSK	22.25	2.23	24.48	280.54	2000	PASS
n41	30	40	518598	1@1	DFT_BPSK	21.91	2.23	24.14	259.42	2000	PASS
n41	30	40	518598	1@104	DFT_BPSK	22.09	2.23	24.32	270.4	2000	PASS
n41	30	40	518598	100@0	DFT_QPSK	21.2	2.23	23.43	220.29	2000	PASS
n41	30	40	518598	50@25	DFT_QPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	40	518598	1@1	DFT_QPSK	21.93	2.23	24.16	260.62	2000	PASS
n41	30	40	518598	1@104	DFT_QPSK	22.09	2.23	24.32	270.4	2000	PASS
n41	30	40	518598	100@0	DFT_16QAM	20.17	2.23	22.4	173.78	2000	PASS
n41	30	40	518598	50@25	DFT_16QAM	21.23	2.23	23.46	221.82	2000	PASS
n41	30	40	518598	1@1	DFT_16QAM	20.77	2.23	23	199.53	2000	PASS
n41	30	40	518598	1@104	DFT_16QAM	20.91	2.23	23.14	206.06	2000	PASS
n41	30	40	518598	100@0	DFT_64QAM	19.75	2.23	21.98	157.76	2000	PASS
n41	30	40	518598	50@25	DFT_64QAM	19.77	2.23	22	158.49	2000	PASS
n41	30	40	518598	1@1	DFT_64QAM	19.55	2.23	21.78	150.66	2000	PASS
n41	30	40	518598	1@104	DFT_64QAM	19.62	2.23	21.85	153.11	2000	PASS
n41	30	40	518598	100@0	DFT_256QAM	17.66	2.23	19.89	97.5	2000	PASS
n41	30	40	518598	50@25	DFT_256QAM	17.65	2.23	19.88	97.27	2000	PASS
n41	30	40	518598	1@1	DFT_256QAM	17.51	2.23	19.74	94.19	2000	PASS
n41	30	40	518598	1@104	DFT_256QAM	17.72	2.23	19.95	98.86	2000	PASS
n41	30	40	518598	106@0	CP_QPSK	19.25	2.23	21.48	140.6	2000	PASS
n41	30	40	518598	53@26	CP_QPSK	20.7	2.23	22.93	196.34	2000	PASS
n41	30	40	518598	1@1	CP_QPSK	20.43	2.23	22.66	184.5	2000	PASS
n41	30	40	518598	1@104	CP_QPSK	20.59	2.23	22.82	191.43	2000	PASS
n41	30	40	518598	106@0	CP_16QAM	19.32	2.23	21.55	142.89	2000	PASS
n41	30	40	518598	53@26	CP_16QAM	20.26	2.23	22.49	177.42	2000	PASS
n41	30	40	518598	1@1	CP_16QAM	19.91	2.23	22.14	163.68	2000	PASS
n41	30	40	518598	1@104	CP_16QAM	20.11	2.23	22.34	171.4	2000	PASS
n41	30	40	518598	106@0	CP_64QAM	18.72	2.23	20.95	124.45	2000	PASS
n41	30	40	518598	53@26	CP_64QAM	18.74	2.23	20.97	125.03	2000	PASS
n41	30	40	518598	1@1	CP_64QAM	18.21	2.23	20.44	110.66	2000	PASS
n41	30	40	518598	1@104	CP_64QAM	18.41	2.23	20.64	115.88	2000	PASS
n41	30	40	518598	106@0	CP_256QAM	15.6	2.23	17.83	60.67	2000	PASS

n41	30	40	518598	53@26	CP_256QAM	15.75	2.23	17.98	62.81	2000	PASS
n41	30	40	518598	1@1	CP_256QAM	15.72	2.23	17.95	62.37	2000	PASS
n41	30	40	518598	1@104	CP_256QAM	15.96	2.23	18.19	65.92	2000	PASS
n41	30	40	534000	100@0	DFT_BPSK	21.9	2.23	24.13	258.82	2000	PASS
n41	30	40	534000	50@25	DFT_BPSK	22.5	2.23	24.73	297.17	2000	PASS
n41	30	40	534000	1@1	DFT_BPSK	22.26	2.23	24.49	281.19	2000	PASS
n41	30	40	534000	1@104	DFT_BPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	40	534000	100@0	DFT_QPSK	21.41	2.23	23.64	231.21	2000	PASS
n41	30	40	534000	50@25	DFT_QPSK	22.49	2.23	24.72	296.48	2000	PASS
n41	30	40	534000	1@1	DFT_QPSK	22.19	2.23	24.42	276.69	2000	PASS
n41	30	40	534000	1@104	DFT_QPSK	22.17	2.23	24.4	275.42	2000	PASS
n41	30	40	534000	100@0	DFT_16QAM	20.45	2.23	22.68	185.35	2000	PASS
n41	30	40	534000	50@25	DFT_16QAM	21.5	2.23	23.73	236.05	2000	PASS
n41	30	40	534000	1@1	DFT_16QAM	21.06	2.23	23.29	213.3	2000	PASS
n41	30	40	534000	1@104	DFT_16QAM	21.01	2.23	23.24	210.86	2000	PASS
n41	30	40	534000	100@0	DFT_64QAM	19.96	2.23	22.19	165.58	2000	PASS
n41	30	40	534000	50@25	DFT_64QAM	20.07	2.23	22.3	169.82	2000	PASS
n41	30	40	534000	1@1	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
n41	30	40	534000	1@104	DFT_64QAM	19.82	2.23	22.05	160.32	2000	PASS
n41	30	40	534000	100@0	DFT_256QAM	17.88	2.23	20.11	102.57	2000	PASS
n41	30	40	534000	50@25	DFT_256QAM	17.96	2.23	20.19	104.47	2000	PASS
n41	30	40	534000	1@1	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
n41	30	40	534000	1@104	DFT_256QAM	17.73	2.23	19.96	99.08	2000	PASS
n41	30	40	534000	106@0	CP_QPSK	19.42	2.23	21.65	146.22	2000	PASS
n41	30	40	534000	53@26	CP_QPSK	20.95	2.23	23.18	207.97	2000	PASS
n41	30	40	534000	1@1	CP_QPSK	20.7	2.23	22.93	196.34	2000	PASS
n41	30	40	534000	1@104	CP_QPSK	20.66	2.23	22.89	194.54	2000	PASS
n41	30	40	534000	106@0	CP_16QAM	19.42	2.23	21.65	146.22	2000	PASS
n41	30	40	534000	53@26	CP_16QAM	20.52	2.23	22.75	188.36	2000	PASS
n41	30	40	534000	1@1	CP_16QAM	20.2	2.23	22.43	174.98	2000	PASS
n41	30	40	534000	1@104	CP_16QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	40	534000	106@0	CP_64QAM	18.94	2.23	21.17	130.92	2000	PASS
n41	30	40	534000	53@26	CP_64QAM	19.01	2.23	21.24	133.05	2000	PASS
n41	30	40	534000	1@1	CP_64QAM	18.51	2.23	20.74	118.58	2000	PASS
n41	30	40	534000	1@104	CP_64QAM	18.48	2.23	20.71	117.76	2000	PASS
n41	30	40	534000	106@0	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	40	534000	53@26	CP_256QAM	15.7	2.23	17.93	62.09	2000	PASS
n41	30	40	534000	1@1	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	40	534000	1@104	CP_256QAM	15.96	2.23	18.19	65.92	2000	PASS
n41	30	50	504204	128@0	DFT_BPSK	21.84	2.23	24.07	255.27	2000	PASS
n41	30	50	504204	64@32	DFT_BPSK	22.43	2.23	24.66	292.42	2000	PASS
n41	30	50	504204	1@1	DFT_BPSK	22.15	2.23	24.38	274.16	2000	PASS
n41	30	50	504204	1@131	DFT_BPSK	22.14	2.23	24.37	273.53	2000	PASS

n41	30	50	504204	128@0	DFT_QPSK	21.37	2.23	23.6	229.09	2000	PASS
n41	30	50	504204	64@32	DFT_QPSK	22.46	2.23	24.69	294.44	2000	PASS
n41	30	50	504204	1@1	DFT_QPSK	22.01	2.23	24.24	265.46	2000	PASS
n41	30	50	504204	1@131	DFT_QPSK	22.08	2.23	24.31	269.77	2000	PASS
n41	30	50	504204	128@0	DFT_16QAM	20.36	2.23	22.59	181.55	2000	PASS
n41	30	50	504204	64@32	DFT_16QAM	21.52	2.23	23.75	237.14	2000	PASS
n41	30	50	504204	1@1	DFT_16QAM	21.04	2.23	23.27	212.32	2000	PASS
n41	30	50	504204	1@131	DFT_16QAM	20.98	2.23	23.21	209.41	2000	PASS
n41	30	50	504204	128@0	DFT_64QAM	19.79	2.23	22.02	159.22	2000	PASS
n41	30	50	504204	64@32	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
n41	30	50	504204	1@1	DFT_64QAM	19.78	2.23	22.01	158.85	2000	PASS
n41	30	50	504204	1@131	DFT_64QAM	19.82	2.23	22.05	160.32	2000	PASS
n41	30	50	504204	128@0	DFT_256QAM	17.81	2.23	20.04	100.93	2000	PASS
n41	30	50	504204	64@32	DFT_256QAM	17.84	2.23	20.07	101.62	2000	PASS
n41	30	50	504204	1@1	DFT_256QAM	17.71	2.23	19.94	98.63	2000	PASS
n41	30	50	504204	1@131	DFT_256QAM	17.66	2.23	19.89	97.5	2000	PASS
n41	30	50	504204	133@0	CP_QPSK	19.33	2.23	21.56	143.22	2000	PASS
n41	30	50	504204	67@33	CP_QPSK	20.86	2.23	23.09	203.7	2000	PASS
n41	30	50	504204	1@1	CP_QPSK	20.58	2.23	22.81	190.99	2000	PASS
n41	30	50	504204	1@131	CP_QPSK	20.58	2.23	22.81	190.99	2000	PASS
n41	30	50	504204	133@0	CP_16QAM	19.42	2.23	21.65	146.22	2000	PASS
n41	30	50	504204	67@33	CP_16QAM	20.48	2.23	22.71	186.64	2000	PASS
n41	30	50	504204	1@1	CP_16QAM	20	2.23	22.23	167.11	2000	PASS
n41	30	50	504204	1@131	CP_16QAM	20.07	2.23	22.3	169.82	2000	PASS
n41	30	50	504204	133@0	CP_64QAM	18.79	2.23	21.02	126.47	2000	PASS
n41	30	50	504204	67@33	CP_64QAM	18.87	2.23	21.1	128.82	2000	PASS
n41	30	50	504204	1@1	CP_64QAM	18.39	2.23	20.62	115.35	2000	PASS
n41	30	50	504204	1@131	CP_64QAM	18.4	2.23	20.63	115.61	2000	PASS
n41	30	50	504204	133@0	CP_256QAM	15.82	2.23	18.05	63.83	2000	PASS
n41	30	50	504204	67@33	CP_256QAM	15.6	2.23	17.83	60.67	2000	PASS
n41	30	50	504204	1@1	CP_256QAM	15.87	2.23	18.1	64.57	2000	PASS
n41	30	50	504204	1@131	CP_256QAM	15.88	2.23	18.11	64.71	2000	PASS
n41	30	50	518598	128@0	DFT_BPSK	21.74	2.23	23.97	249.46	2000	PASS
n41	30	50	518598	64@32	DFT_BPSK	22.26	2.23	24.49	281.19	2000	PASS
n41	30	50	518598	1@1	DFT_BPSK	22.02	2.23	24.25	266.07	2000	PASS
n41	30	50	518598	1@131	DFT_BPSK	22.23	2.23	24.46	279.25	2000	PASS
n41	30	50	518598	128@0	DFT_QPSK	21.24	2.23	23.47	222.33	2000	PASS
n41	30	50	518598	64@32	DFT_QPSK	22.26	2.23	24.49	281.19	2000	PASS
n41	30	50	518598	1@1	DFT_QPSK	21.97	2.23	24.2	263.03	2000	PASS
n41	30	50	518598	1@131	DFT_QPSK	22.17	2.23	24.4	275.42	2000	PASS
n41	30	50	518598	128@0	DFT_16QAM	20.3	2.23	22.53	179.06	2000	PASS
n41	30	50	518598	64@32	DFT_16QAM	21.24	2.23	23.47	222.33	2000	PASS
n41	30	50	518598	1@1	DFT_16QAM	20.83	2.23	23.06	202.3	2000	PASS

n41	30	50	518598	1@131	DFT_16QAM	20.97	2.23	23.2	208.93	2000	PASS
n41	30	50	518598	128@0	DFT_64QAM	19.72	2.23	21.95	156.68	2000	PASS
n41	30	50	518598	64@32	DFT_64QAM	19.79	2.23	22.02	159.22	2000	PASS
n41	30	50	518598	1@1	DFT_64QAM	19.53	2.23	21.76	149.97	2000	PASS
n41	30	50	518598	1@131	DFT_64QAM	19.8	2.23	22.03	159.59	2000	PASS
n41	30	50	518598	128@0	DFT_256QAM	17.73	2.23	19.96	99.08	2000	PASS
n41	30	50	518598	64@32	DFT_256QAM	17.72	2.23	19.95	98.86	2000	PASS
n41	30	50	518598	1@1	DFT_256QAM	17.58	2.23	19.81	95.72	2000	PASS
n41	30	50	518598	1@131	DFT_256QAM	17.84	2.23	20.07	101.62	2000	PASS
n41	30	50	518598	133@0	CP_QPSK	19.18	2.23	21.41	138.36	2000	PASS
n41	30	50	518598	67@33	CP_QPSK	20.73	2.23	22.96	197.7	2000	PASS
n41	30	50	518598	1@1	CP_QPSK	20.57	2.23	22.8	190.55	2000	PASS
n41	30	50	518598	1@131	CP_QPSK	20.72	2.23	22.95	197.24	2000	PASS
n41	30	50	518598	133@0	CP_16QAM	19.28	2.23	21.51	141.58	2000	PASS
n41	30	50	518598	67@33	CP_16QAM	20.25	2.23	22.48	177.01	2000	PASS
n41	30	50	518598	1@1	CP_16QAM	20.04	2.23	22.27	168.66	2000	PASS
n41	30	50	518598	1@131	CP_16QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	50	518598	133@0	CP_64QAM	18.68	2.23	20.91	123.31	2000	PASS
n41	30	50	518598	67@33	CP_64QAM	18.77	2.23	21	125.89	2000	PASS
n41	30	50	518598	1@1	CP_64QAM	18.24	2.23	20.47	111.43	2000	PASS
n41	30	50	518598	1@131	CP_64QAM	18.48	2.23	20.71	117.76	2000	PASS
n41	30	50	518598	133@0	CP_256QAM	15.73	2.23	17.96	62.52	2000	PASS
n41	30	50	518598	67@33	CP_256QAM	15.8	2.23	18.03	63.53	2000	PASS
n41	30	50	518598	1@1	CP_256QAM	15.75	2.23	17.98	62.81	2000	PASS
n41	30	50	518598	1@131	CP_256QAM	16.01	2.23	18.24	66.68	2000	PASS
n41	30	50	532998	128@0	DFT_BPSK	21.87	2.23	24.1	257.04	2000	PASS
n41	30	50	532998	64@32	DFT_BPSK	22.59	2.23	24.82	303.39	2000	PASS
n41	30	50	532998	1@1	DFT_BPSK	22.2	2.23	24.43	277.33	2000	PASS
n41	30	50	532998	1@131	DFT_BPSK	22.17	2.23	24.4	275.42	2000	PASS
n41	30	50	532998	128@0	DFT_QPSK	21.42	2.23	23.65	231.74	2000	PASS
n41	30	50	532998	64@32	DFT_QPSK	22.58	2.23	24.81	302.69	2000	PASS
n41	30	50	532998	1@1	DFT_QPSK	22.15	2.23	24.38	274.16	2000	PASS
n41	30	50	532998	1@131	DFT_QPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	50	532998	128@0	DFT_16QAM	20.41	2.23	22.64	183.65	2000	PASS
n41	30	50	532998	64@32	DFT_16QAM	21.54	2.23	23.77	238.23	2000	PASS
n41	30	50	532998	1@1	DFT_16QAM	21.02	2.23	23.25	211.35	2000	PASS
n41	30	50	532998	1@131	DFT_16QAM	21	2.23	23.23	210.38	2000	PASS
n41	30	50	532998	128@0	DFT_64QAM	19.89	2.23	22.12	162.93	2000	PASS
n41	30	50	532998	64@32	DFT_64QAM	20.13	2.23	22.36	172.19	2000	PASS
n41	30	50	532998	1@1	DFT_64QAM	19.74	2.23	21.97	157.4	2000	PASS
n41	30	50	532998	1@131	DFT_64QAM	19.73	2.23	21.96	157.04	2000	PASS
n41	30	50	532998	128@0	DFT_256QAM	17.94	2.23	20.17	103.99	2000	PASS
n41	30	50	532998	64@32	DFT_256QAM	18.07	2.23	20.3	107.15	2000	PASS

n41	30	50	532998	1@1	DFT_256QAM	17.81	2.23	20.04	100.93	2000	PASS
n41	30	50	532998	1@131	DFT_256QAM	17.75	2.23	19.98	99.54	2000	PASS
n41	30	50	532998	133@0	CP_QPSK	19.42	2.23	21.65	146.22	2000	PASS
n41	30	50	532998	67@33	CP_QPSK	20.95	2.23	23.18	207.97	2000	PASS
n41	30	50	532998	1@1	CP_QPSK	20.63	2.23	22.86	193.2	2000	PASS
n41	30	50	532998	1@131	CP_QPSK	20.67	2.23	22.9	194.98	2000	PASS
n41	30	50	532998	133@0	CP_16QAM	19.41	2.23	21.64	145.88	2000	PASS
n41	30	50	532998	67@33	CP_16QAM	20.6	2.23	22.83	191.87	2000	PASS
n41	30	50	532998	1@1	CP_16QAM	20.13	2.23	22.36	172.19	2000	PASS
n41	30	50	532998	1@131	CP_16QAM	20.22	2.23	22.45	175.79	2000	PASS
n41	30	50	532998	133@0	CP_64QAM	18.85	2.23	21.08	128.23	2000	PASS
n41	30	50	532998	67@33	CP_64QAM	19.04	2.23	21.27	133.97	2000	PASS
n41	30	50	532998	1@1	CP_64QAM	18.45	2.23	20.68	116.95	2000	PASS
n41	30	50	532998	1@131	CP_64QAM	18.45	2.23	20.68	116.95	2000	PASS
n41	30	50	532998	133@0	CP_256QAM	15.91	2.23	18.14	65.16	2000	PASS
n41	30	50	532998	67@33	CP_256QAM	16.09	2.23	18.32	67.92	2000	PASS
n41	30	50	532998	1@1	CP_256QAM	15.97	2.23	18.2	66.07	2000	PASS
n41	30	50	532998	1@131	CP_256QAM	15.97	2.23	18.2	66.07	2000	PASS
n41	30	60	505200	162@0	DFT_BPSK	21.8	2.23	24.03	252.93	2000	PASS
n41	30	60	505200	81@40	DFT_BPSK	22.37	2.23	24.6	288.4	2000	PASS
n41	30	60	505200	1@1	DFT_BPSK	22.16	2.23	24.39	274.79	2000	PASS
n41	30	60	505200	1@160	DFT_BPSK	22.25	2.23	24.48	280.54	2000	PASS
n41	30	60	505200	162@0	DFT_QPSK	21.36	2.23	23.59	228.56	2000	PASS
n41	30	60	505200	81@40	DFT_QPSK	22.36	2.23	24.59	287.74	2000	PASS
n41	30	60	505200	1@1	DFT_QPSK	22.03	2.23	24.26	266.69	2000	PASS
n41	30	60	505200	1@160	DFT_QPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	60	505200	162@0	DFT_16QAM	20.31	2.23	22.54	179.47	2000	PASS
n41	30	60	505200	81@40	DFT_16QAM	21.4	2.23	23.63	230.67	2000	PASS
n41	30	60	505200	1@1	DFT_16QAM	21.05	2.23	23.28	212.81	2000	PASS
n41	30	60	505200	1@160	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	60	505200	162@0	DFT_64QAM	19.88	2.23	22.11	162.55	2000	PASS
n41	30	60	505200	81@40	DFT_64QAM	19.99	2.23	22.22	166.72	2000	PASS
n41	30	60	505200	1@1	DFT_64QAM	19.79	2.23	22.02	159.22	2000	PASS
n41	30	60	505200	1@160	DFT_64QAM	19.94	2.23	22.17	164.82	2000	PASS
n41	30	60	505200	162@0	DFT_256QAM	17.74	2.23	19.97	99.31	2000	PASS
n41	30	60	505200	81@40	DFT_256QAM	17.8	2.23	20.03	100.69	2000	PASS
n41	30	60	505200	1@1	DFT_256QAM	17.7	2.23	19.93	98.4	2000	PASS
n41	30	60	505200	1@160	DFT_256QAM	17.74	2.23	19.97	99.31	2000	PASS
n41	30	60	505200	162@0	CP_QPSK	19.32	2.23	21.55	142.89	2000	PASS
n41	30	60	505200	81@40	CP_QPSK	20.9	2.23	23.13	205.59	2000	PASS
n41	30	60	505200	1@1	CP_QPSK	20.47	2.23	22.7	186.21	2000	PASS
n41	30	60	505200	1@160	CP_QPSK	20.71	2.23	22.94	196.79	2000	PASS
n41	30	60	505200	162@0	CP_16QAM	19.31	2.23	21.54	142.56	2000	PASS

n41	30	60	505200	81@40	CP_16QAM	20.34	2.23	22.57	180.72	2000	PASS
n41	30	60	505200	1@1	CP_16QAM	20.01	2.23	22.24	167.49	2000	PASS
n41	30	60	505200	1@160	CP_16QAM	20.28	2.23	22.51	178.24	2000	PASS
n41	30	60	505200	162@0	CP_64QAM	18.73	2.23	20.96	124.74	2000	PASS
n41	30	60	505200	81@40	CP_64QAM	18.87	2.23	21.1	128.82	2000	PASS
n41	30	60	505200	1@1	CP_64QAM	18.37	2.23	20.6	114.82	2000	PASS
n41	30	60	505200	1@160	CP_64QAM	18.48	2.23	20.71	117.76	2000	PASS
n41	30	60	505200	162@0	CP_256QAM	15.76	2.23	17.99	62.95	2000	PASS
n41	30	60	505200	81@40	CP_256QAM	15.82	2.23	18.05	63.83	2000	PASS
n41	30	60	505200	1@1	CP_256QAM	15.94	2.23	18.17	65.61	2000	PASS
n41	30	60	505200	1@160	CP_256QAM	15.96	2.23	18.19	65.92	2000	PASS
n41	30	60	518598	162@0	DFT_BPSK	21.78	2.23	24.01	251.77	2000	PASS
n41	30	60	518598	81@40	DFT_BPSK	22.24	2.23	24.47	279.9	2000	PASS
n41	30	60	518598	1@1	DFT_BPSK	22.12	2.23	24.35	272.27	2000	PASS
n41	30	60	518598	1@160	DFT_BPSK	22.39	2.23	24.62	289.73	2000	PASS
n41	30	60	518598	162@0	DFT_QPSK	21.29	2.23	23.52	224.91	2000	PASS
n41	30	60	518598	81@40	DFT_QPSK	22.25	2.23	24.48	280.54	2000	PASS
n41	30	60	518598	1@1	DFT_QPSK	22.07	2.23	24.3	269.15	2000	PASS
n41	30	60	518598	1@160	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
n41	30	60	518598	162@0	DFT_16QAM	20.2	2.23	22.43	174.98	2000	PASS
n41	30	60	518598	81@40	DFT_16QAM	21.26	2.23	23.49	223.36	2000	PASS
n41	30	60	518598	1@1	DFT_16QAM	20.93	2.23	23.16	207.01	2000	PASS
n41	30	60	518598	1@160	DFT_16QAM	21.23	2.23	23.46	221.82	2000	PASS
n41	30	60	518598	162@0	DFT_64QAM	19.77	2.23	22	158.49	2000	PASS
n41	30	60	518598	81@40	DFT_64QAM	19.84	2.23	22.07	161.06	2000	PASS
n41	30	60	518598	1@1	DFT_64QAM	19.84	2.23	22.07	161.06	2000	PASS
n41	30	60	518598	1@160	DFT_64QAM	20.07	2.23	22.3	169.82	2000	PASS
n41	30	60	518598	162@0	DFT_256QAM	17.72	2.23	19.95	98.86	2000	PASS
n41	30	60	518598	81@40	DFT_256QAM	17.7	2.23	19.93	98.4	2000	PASS
n41	30	60	518598	1@1	DFT_256QAM	17.67	2.23	19.9	97.72	2000	PASS
n41	30	60	518598	1@160	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
n41	30	60	518598	162@0	CP_QPSK	19.27	2.23	21.5	141.25	2000	PASS
n41	30	60	518598	81@40	CP_QPSK	20.65	2.23	22.88	194.09	2000	PASS
n41	30	60	518598	1@1	CP_QPSK	20.65	2.23	22.88	194.09	2000	PASS
n41	30	60	518598	1@160	CP_QPSK	20.94	2.23	23.17	207.49	2000	PASS
n41	30	60	518598	162@0	CP_16QAM	19.21	2.23	21.44	139.32	2000	PASS
n41	30	60	518598	81@40	CP_16QAM	20.24	2.23	22.47	176.6	2000	PASS
n41	30	60	518598	1@1	CP_16QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	60	518598	1@160	CP_16QAM	20.45	2.23	22.68	185.35	2000	PASS
n41	30	60	518598	162@0	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
n41	30	60	518598	81@40	CP_64QAM	18.73	2.23	20.96	124.74	2000	PASS
n41	30	60	518598	1@1	CP_64QAM	18.35	2.23	20.58	114.29	2000	PASS
n41	30	60	518598	1@160	CP_64QAM	18.67	2.23	20.9	123.03	2000	PASS

n41	30	60	518598	162@0	CP_256QAM	15.76	2.23	17.99	62.95	2000	PASS
n41	30	60	518598	81@40	CP_256QAM	15.71	2.23	17.94	62.23	2000	PASS
n41	30	60	518598	1@1	CP_256QAM	15.88	2.23	18.11	64.71	2000	PASS
n41	30	60	518598	1@160	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
n41	30	60	531996	162@0	DFT_BPSK	21.84	2.23	24.07	255.27	2000	PASS
n41	30	60	531996	81@40	DFT_BPSK	22.54	2.23	24.77	299.92	2000	PASS
n41	30	60	531996	1@1	DFT_BPSK	22.33	2.23	24.56	285.76	2000	PASS
n41	30	60	531996	1@160	DFT_BPSK	22.26	2.23	24.49	281.19	2000	PASS
n41	30	60	531996	162@0	DFT_QPSK	21.42	2.23	23.65	231.74	2000	PASS
n41	30	60	531996	81@40	DFT_QPSK	22.51	2.23	24.74	297.85	2000	PASS
n41	30	60	531996	1@1	DFT_QPSK	22.28	2.23	24.51	282.49	2000	PASS
n41	30	60	531996	1@160	DFT_QPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	60	531996	162@0	DFT_16QAM	20.42	2.23	22.65	184.08	2000	PASS
n41	30	60	531996	81@40	DFT_16QAM	21.53	2.23	23.76	237.68	2000	PASS
n41	30	60	531996	1@1	DFT_16QAM	21.12	2.23	23.35	216.27	2000	PASS
n41	30	60	531996	1@160	DFT_16QAM	21.04	2.23	23.27	212.32	2000	PASS
n41	30	60	531996	162@0	DFT_64QAM	19.97	2.23	22.2	165.96	2000	PASS
n41	30	60	531996	81@40	DFT_64QAM	20.1	2.23	22.33	171	2000	PASS
n41	30	60	531996	1@1	DFT_64QAM	19.84	2.23	22.07	161.06	2000	PASS
n41	30	60	531996	1@160	DFT_64QAM	19.81	2.23	22.04	159.96	2000	PASS
n41	30	60	531996	162@0	DFT_256QAM	17.93	2.23	20.16	103.75	2000	PASS
n41	30	60	531996	81@40	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
n41	30	60	531996	1@1	DFT_256QAM	17.98	2.23	20.21	104.95	2000	PASS
n41	30	60	531996	1@160	DFT_256QAM	17.77	2.23	20	100	2000	PASS
n41	30	60	531996	162@0	CP_QPSK	19.45	2.23	21.68	147.23	2000	PASS
n41	30	60	531996	81@40	CP_QPSK	21.06	2.23	23.29	213.3	2000	PASS
n41	30	60	531996	1@1	CP_QPSK	20.84	2.23	23.07	202.77	2000	PASS
n41	30	60	531996	1@160	CP_QPSK	20.76	2.23	22.99	199.07	2000	PASS
n41	30	60	531996	162@0	CP_16QAM	19.36	2.23	21.59	144.21	2000	PASS
n41	30	60	531996	81@40	CP_16QAM	20.53	2.23	22.76	188.8	2000	PASS
n41	30	60	531996	1@1	CP_16QAM	20.29	2.23	22.52	178.65	2000	PASS
n41	30	60	531996	1@160	CP_16QAM	20.31	2.23	22.54	179.47	2000	PASS
n41	30	60	531996	162@0	CP_64QAM	18.94	2.23	21.17	130.92	2000	PASS
n41	30	60	531996	81@40	CP_64QAM	19.06	2.23	21.29	134.59	2000	PASS
n41	30	60	531996	1@1	CP_64QAM	18.61	2.23	20.84	121.34	2000	PASS
n41	30	60	531996	1@160	CP_64QAM	18.46	2.23	20.69	117.22	2000	PASS
n41	30	60	531996	162@0	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	60	531996	81@40	CP_256QAM	16.05	2.23	18.28	67.3	2000	PASS
n41	30	60	531996	1@1	CP_256QAM	16.14	2.23	18.37	68.71	2000	PASS
n41	30	60	531996	1@160	CP_256QAM	15.96	2.23	18.19	65.92	2000	PASS
n41	30	80	507204	216@0	DFT_BPSK	21.79	2.23	24.02	252.35	2000	PASS
n41	30	80	507204	108@54	DFT_BPSK	22.36	2.23	24.59	287.74	2000	PASS
n41	30	80	507204	1@1	DFT_BPSK	22.3	2.23	24.53	283.79	2000	PASS

n41	30	80	507204	1@215	DFT_BPSK	22.22	2.23	24.45	278.61	2000	PASS
n41	30	80	507204	216@0	DFT_QPSK	21.33	2.23	23.56	226.99	2000	PASS
n41	30	80	507204	108@54	DFT_QPSK	22.42	2.23	24.65	291.74	2000	PASS
n41	30	80	507204	1@1	DFT_QPSK	22.21	2.23	24.44	277.97	2000	PASS
n41	30	80	507204	1@215	DFT_QPSK	22.19	2.23	24.42	276.69	2000	PASS
n41	30	80	507204	216@0	DFT_16QAM	20.32	2.23	22.55	179.89	2000	PASS
n41	30	80	507204	108@54	DFT_16QAM	21.44	2.23	23.67	232.81	2000	PASS
n41	30	80	507204	1@1	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	80	507204	1@215	DFT_16QAM	21.01	2.23	23.24	210.86	2000	PASS
n41	30	80	507204	216@0	DFT_64QAM	19.92	2.23	22.15	164.06	2000	PASS
n41	30	80	507204	108@54	DFT_64QAM	20.01	2.23	22.24	167.49	2000	PASS
n41	30	80	507204	1@1	DFT_64QAM	19.87	2.23	22.1	162.18	2000	PASS
n41	30	80	507204	1@215	DFT_64QAM	19.79	2.23	22.02	159.22	2000	PASS
n41	30	80	507204	216@0	DFT_256QAM	17.84	2.23	20.07	101.62	2000	PASS
n41	30	80	507204	108@54	DFT_256QAM	17.89	2.23	20.12	102.8	2000	PASS
n41	30	80	507204	1@1	DFT_256QAM	17.8	2.23	20.03	100.69	2000	PASS
n41	30	80	507204	1@215	DFT_256QAM	17.75	2.23	19.98	99.54	2000	PASS
n41	30	80	507204	217@0	CP_QPSK	19.31	2.23	21.54	142.56	2000	PASS
n41	30	80	507204	109@54	CP_QPSK	20.89	2.23	23.12	205.12	2000	PASS
n41	30	80	507204	1@1	CP_QPSK	20.76	2.23	22.99	199.07	2000	PASS
n41	30	80	507204	1@215	CP_QPSK	20.8	2.23	23.03	200.91	2000	PASS
n41	30	80	507204	217@0	CP_16QAM	19.32	2.23	21.55	142.89	2000	PASS
n41	30	80	507204	109@54	CP_16QAM	20.42	2.23	22.65	184.08	2000	PASS
n41	30	80	507204	1@1	CP_16QAM	20.24	2.23	22.47	176.6	2000	PASS
n41	30	80	507204	1@215	CP_16QAM	20.29	2.23	22.52	178.65	2000	PASS
n41	30	80	507204	217@0	CP_64QAM	18.78	2.23	21.01	126.18	2000	PASS
n41	30	80	507204	109@54	CP_64QAM	18.89	2.23	21.12	129.42	2000	PASS
n41	30	80	507204	1@1	CP_64QAM	18.4	2.23	20.63	115.61	2000	PASS
n41	30	80	507204	1@215	CP_64QAM	18.4	2.23	20.63	115.61	2000	PASS
n41	30	80	507204	217@0	CP_256QAM	15.82	2.23	18.05	63.83	2000	PASS
n41	30	80	507204	109@54	CP_256QAM	15.87	2.23	18.1	64.57	2000	PASS
n41	30	80	507204	1@1	CP_256QAM	15.96	2.23	18.19	65.92	2000	PASS
n41	30	80	507204	1@215	CP_256QAM	15.94	2.23	18.17	65.61	2000	PASS
n41	30	80	518598	216@0	DFT_BPSK	21.93	2.23	24.16	260.62	2000	PASS
n41	30	80	518598	108@54	DFT_BPSK	22.34	2.23	24.57	286.42	2000	PASS
n41	30	80	518598	1@1	DFT_BPSK	22.14	2.23	24.37	273.53	2000	PASS
n41	30	80	518598	1@215	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
n41	30	80	518598	216@0	DFT_QPSK	21.32	2.23	23.55	226.46	2000	PASS
n41	30	80	518598	108@54	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
n41	30	80	518598	1@1	DFT_QPSK	22.1	2.23	24.33	271.02	2000	PASS
n41	30	80	518598	1@215	DFT_QPSK	22.62	2.23	24.85	305.49	2000	PASS
n41	30	80	518598	216@0	DFT_16QAM	20.37	2.23	22.6	181.97	2000	PASS
n41	30	80	518598	108@54	DFT_16QAM	21.3	2.23	23.53	225.42	2000	PASS

n41	30	80	518598	1@1	DFT_16QAM	20.96	2.23	23.19	208.45	2000	PASS
n41	30	80	518598	1@215	DFT_16QAM	21.43	2.23	23.66	232.27	2000	PASS
n41	30	80	518598	216@0	DFT_64QAM	19.91	2.23	22.14	163.68	2000	PASS
n41	30	80	518598	108@54	DFT_64QAM	19.83	2.23	22.06	160.69	2000	PASS
n41	30	80	518598	1@1	DFT_64QAM	19.8	2.23	22.03	159.59	2000	PASS
n41	30	80	518598	1@215	DFT_64QAM	20.26	2.23	22.49	177.42	2000	PASS
n41	30	80	518598	216@0	DFT_256QAM	17.87	2.23	20.1	102.33	2000	PASS
n41	30	80	518598	108@54	DFT_256QAM	17.83	2.23	20.06	101.39	2000	PASS
n41	30	80	518598	1@1	DFT_256QAM	17.65	2.23	19.88	97.27	2000	PASS
n41	30	80	518598	1@215	DFT_256QAM	18.24	2.23	20.47	111.43	2000	PASS
n41	30	80	518598	217@0	CP_QPSK	19.35	2.23	21.58	143.88	2000	PASS
n41	30	80	518598	109@54	CP_QPSK	20.83	2.23	23.06	202.3	2000	PASS
n41	30	80	518598	1@1	CP_QPSK	20.63	2.23	22.86	193.2	2000	PASS
n41	30	80	518598	1@215	CP_QPSK	21.13	2.23	23.36	216.77	2000	PASS
n41	30	80	518598	217@0	CP_16QAM	19.33	2.23	21.56	143.22	2000	PASS
n41	30	80	518598	109@54	CP_16QAM	20.3	2.23	22.53	179.06	2000	PASS
n41	30	80	518598	1@1	CP_16QAM	20.21	2.23	22.44	175.39	2000	PASS
n41	30	80	518598	1@215	CP_16QAM	20.66	2.23	22.89	194.54	2000	PASS
n41	30	80	518598	217@0	CP_64QAM	18.83	2.23	21.06	127.64	2000	PASS
n41	30	80	518598	109@54	CP_64QAM	18.78	2.23	21.01	126.18	2000	PASS
n41	30	80	518598	1@1	CP_64QAM	18.41	2.23	20.64	115.88	2000	PASS
n41	30	80	518598	1@215	CP_64QAM	18.94	2.23	21.17	130.92	2000	PASS
n41	30	80	518598	217@0	CP_256QAM	15.91	2.23	18.14	65.16	2000	PASS
n41	30	80	518598	109@54	CP_256QAM	15.85	2.23	18.08	64.27	2000	PASS
n41	30	80	518598	1@1	CP_256QAM	15.9	2.23	18.13	65.01	2000	PASS
n41	30	80	518598	1@215	CP_256QAM	16.44	2.23	18.67	73.62	2000	PASS
n41	30	80	529998	216@0	DFT_BPSK	21.96	2.23	24.19	262.42	2000	PASS
n41	30	80	529998	108@54	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
n41	30	80	529998	1@1	DFT_BPSK	22	2.23	24.23	264.85	2000	PASS
n41	30	80	529998	1@215	DFT_BPSK	22.34	2.23	24.57	286.42	2000	PASS
n41	30	80	529998	216@0	DFT_QPSK	21.45	2.23	23.68	233.35	2000	PASS
n41	30	80	529998	108@54	DFT_QPSK	22.68	2.23	24.91	309.74	2000	PASS
n41	30	80	529998	1@1	DFT_QPSK	21.96	2.23	24.19	262.42	2000	PASS
n41	30	80	529998	1@215	DFT_QPSK	22.3	2.23	24.53	283.79	2000	PASS
n41	30	80	529998	216@0	DFT_16QAM	20.5	2.23	22.73	187.5	2000	PASS
n41	30	80	529998	108@54	DFT_16QAM	21.72	2.23	23.95	248.31	2000	PASS
n41	30	80	529998	1@1	DFT_16QAM	20.81	2.23	23.04	201.37	2000	PASS
n41	30	80	529998	1@215	DFT_16QAM	21.15	2.23	23.38	217.77	2000	PASS
n41	30	80	529998	216@0	DFT_64QAM	20.07	2.23	22.3	169.82	2000	PASS
n41	30	80	529998	108@54	DFT_64QAM	20.19	2.23	22.42	174.58	2000	PASS
n41	30	80	529998	1@1	DFT_64QAM	19.56	2.23	21.79	151.01	2000	PASS
n41	30	80	529998	1@215	DFT_64QAM	19.95	2.23	22.18	165.2	2000	PASS
n41	30	80	529998	216@0	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS

n41	30	80	529998	108@54	DFT_256QAM	18.09	2.23	20.32	107.65	2000	PASS
n41	30	80	529998	1@1	DFT_256QAM	17.58	2.23	19.81	95.72	2000	PASS
n41	30	80	529998	1@215	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
n41	30	80	529998	217@0	CP_QPSK	19.45	2.23	21.68	147.23	2000	PASS
n41	30	80	529998	109@54	CP_QPSK	21.12	2.23	23.35	216.27	2000	PASS
n41	30	80	529998	1@1	CP_QPSK	20.46	2.23	22.69	185.78	2000	PASS
n41	30	80	529998	1@215	CP_QPSK	20.76	2.23	22.99	199.07	2000	PASS
n41	30	80	529998	217@0	CP_16QAM	19.47	2.23	21.7	147.91	2000	PASS
n41	30	80	529998	109@54	CP_16QAM	20.71	2.23	22.94	196.79	2000	PASS
n41	30	80	529998	1@1	CP_16QAM	19.98	2.23	22.21	166.34	2000	PASS
n41	30	80	529998	1@215	CP_16QAM	20.39	2.23	22.62	182.81	2000	PASS
n41	30	80	529998	217@0	CP_64QAM	18.9	2.23	21.13	129.72	2000	PASS
n41	30	80	529998	109@54	CP_64QAM	19.12	2.23	21.35	136.46	2000	PASS
n41	30	80	529998	1@1	CP_64QAM	18.3	2.23	20.53	112.98	2000	PASS
n41	30	80	529998	1@215	CP_64QAM	18.56	2.23	20.79	119.95	2000	PASS
n41	30	80	529998	217@0	CP_256QAM	16	2.23	18.23	66.53	2000	PASS
n41	30	80	529998	109@54	CP_256QAM	16.11	2.23	18.34	68.23	2000	PASS
n41	30	80	529998	1@1	CP_256QAM	15.75	2.23	17.98	62.81	2000	PASS
n41	30	80	529998	1@215	CP_256QAM	16.07	2.23	18.3	67.61	2000	PASS
n41	30	90	508200	243@0	DFT_BPSK	21.91	2.23	24.14	259.42	2000	PASS
n41	30	90	508200	120@60	DFT_BPSK	22.47	2.23	24.7	295.12	2000	PASS
n41	30	90	508200	1@1	DFT_BPSK	22.28	2.23	24.51	282.49	2000	PASS
n41	30	90	508200	1@243	DFT_BPSK	22.24	2.23	24.47	279.9	2000	PASS
n41	30	90	508200	243@0	DFT_QPSK	21.37	2.23	23.6	229.09	2000	PASS
n41	30	90	508200	120@60	DFT_QPSK	22.51	2.23	24.74	297.85	2000	PASS
n41	30	90	508200	1@1	DFT_QPSK	22.19	2.23	24.42	276.69	2000	PASS
n41	30	90	508200	1@243	DFT_QPSK	22.3	2.23	24.53	283.79	2000	PASS
n41	30	90	508200	243@0	DFT_16QAM	20.48	2.23	22.71	186.64	2000	PASS
n41	30	90	508200	120@60	DFT_16QAM	21.57	2.23	23.8	239.88	2000	PASS
n41	30	90	508200	1@1	DFT_16QAM	21.12	2.23	23.35	216.27	2000	PASS
n41	30	90	508200	1@243	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	90	508200	243@0	DFT_64QAM	19.93	2.23	22.16	164.44	2000	PASS
n41	30	90	508200	120@60	DFT_64QAM	20	2.23	22.23	167.11	2000	PASS
n41	30	90	508200	1@1	DFT_64QAM	19.93	2.23	22.16	164.44	2000	PASS
n41	30	90	508200	1@243	DFT_64QAM	19.95	2.23	22.18	165.2	2000	PASS
n41	30	90	508200	243@0	DFT_256QAM	17.88	2.23	20.11	102.57	2000	PASS
n41	30	90	508200	120@60	DFT_256QAM	17.94	2.23	20.17	103.99	2000	PASS
n41	30	90	508200	1@1	DFT_256QAM	17.87	2.23	20.1	102.33	2000	PASS
n41	30	90	508200	1@243	DFT_256QAM	17.87	2.23	20.1	102.33	2000	PASS
n41	30	90	508200	245@0	CP_QPSK	19.35	2.23	21.58	143.88	2000	PASS
n41	30	90	508200	123@61	CP_QPSK	20.91	2.23	23.14	206.06	2000	PASS
n41	30	90	508200	1@1	CP_QPSK	20.75	2.23	22.98	198.61	2000	PASS
n41	30	90	508200	1@243	CP_QPSK	20.83	2.23	23.06	202.3	2000	PASS

n41	30	90	508200	245@0	CP_16QAM	19.33	2.23	21.56	143.22	2000	PASS
n41	30	90	508200	123@61	CP_16QAM	20.48	2.23	22.71	186.64	2000	PASS
n41	30	90	508200	1@1	CP_16QAM	20.15	2.23	22.38	172.98	2000	PASS
n41	30	90	508200	1@243	CP_16QAM	20.41	2.23	22.64	183.65	2000	PASS
n41	30	90	508200	245@0	CP_64QAM	18.86	2.23	21.09	128.53	2000	PASS
n41	30	90	508200	123@61	CP_64QAM	18.93	2.23	21.16	130.62	2000	PASS
n41	30	90	508200	1@1	CP_64QAM	18.48	2.23	20.71	117.76	2000	PASS
n41	30	90	508200	1@243	CP_64QAM	18.52	2.23	20.75	118.85	2000	PASS
n41	30	90	508200	245@0	CP_256QAM	15.92	2.23	18.15	65.31	2000	PASS
n41	30	90	508200	123@61	CP_256QAM	15.97	2.23	18.2	66.07	2000	PASS
n41	30	90	508200	1@1	CP_256QAM	16.05	2.23	18.28	67.3	2000	PASS
n41	30	90	508200	1@243	CP_256QAM	16.03	2.23	18.26	66.99	2000	PASS
n41	30	90	518598	243@0	DFT_BPSK	21.93	2.23	24.16	260.62	2000	PASS
n41	30	90	518598	120@60	DFT_BPSK	22.36	2.23	24.59	287.74	2000	PASS
n41	30	90	518598	1@1	DFT_BPSK	22.09	2.23	24.32	270.4	2000	PASS
n41	30	90	518598	1@243	DFT_BPSK	22.58	2.23	24.81	302.69	2000	PASS
n41	30	90	518598	243@0	DFT_QPSK	21.44	2.23	23.67	232.81	2000	PASS
n41	30	90	518598	120@60	DFT_QPSK	22.34	2.23	24.57	286.42	2000	PASS
n41	30	90	518598	1@1	DFT_QPSK	22.06	2.23	24.29	268.53	2000	PASS
n41	30	90	518598	1@243	DFT_QPSK	22.54	2.23	24.77	299.92	2000	PASS
n41	30	90	518598	243@0	DFT_16QAM	20.38	2.23	22.61	182.39	2000	PASS
n41	30	90	518598	120@60	DFT_16QAM	21.37	2.23	23.6	229.09	2000	PASS
n41	30	90	518598	1@1	DFT_16QAM	20.85	2.23	23.08	203.24	2000	PASS
n41	30	90	518598	1@243	DFT_16QAM	21.36	2.23	23.59	228.56	2000	PASS
n41	30	90	518598	243@0	DFT_64QAM	19.92	2.23	22.15	164.06	2000	PASS
n41	30	90	518598	120@60	DFT_64QAM	19.82	2.23	22.05	160.32	2000	PASS
n41	30	90	518598	1@1	DFT_64QAM	19.65	2.23	21.88	154.17	2000	PASS
n41	30	90	518598	1@243	DFT_64QAM	20.15	2.23	22.38	172.98	2000	PASS
n41	30	90	518598	243@0	DFT_256QAM	17.92	2.23	20.15	103.51	2000	PASS
n41	30	90	518598	120@60	DFT_256QAM	17.82	2.23	20.05	101.16	2000	PASS
n41	30	90	518598	1@1	DFT_256QAM	17.56	2.23	19.79	95.28	2000	PASS
n41	30	90	518598	1@243	DFT_256QAM	18.12	2.23	20.35	108.39	2000	PASS
n41	30	90	518598	245@0	CP_QPSK	19.37	2.23	21.6	144.54	2000	PASS
n41	30	90	518598	123@61	CP_QPSK	20.79	2.23	23.02	200.45	2000	PASS
n41	30	90	518598	1@1	CP_QPSK	20.47	2.23	22.7	186.21	2000	PASS
n41	30	90	518598	1@243	CP_QPSK	20.97	2.23	23.2	208.93	2000	PASS
n41	30	90	518598	245@0	CP_16QAM	19.36	2.23	21.59	144.21	2000	PASS
n41	30	90	518598	123@61	CP_16QAM	20.3	2.23	22.53	179.06	2000	PASS
n41	30	90	518598	1@1	CP_16QAM	20.17	2.23	22.4	173.78	2000	PASS
n41	30	90	518598	1@243	CP_16QAM	20.62	2.23	22.85	192.75	2000	PASS
n41	30	90	518598	245@0	CP_64QAM	18.87	2.23	21.1	128.82	2000	PASS
n41	30	90	518598	123@61	CP_64QAM	18.8	2.23	21.03	126.77	2000	PASS
n41	30	90	518598	1@1	CP_64QAM	18.31	2.23	20.54	113.24	2000	PASS

n41	30	90	518598	1@243	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
n41	30	90	518598	245@0	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	90	518598	123@61	CP_256QAM	15.85	2.23	18.08	64.27	2000	PASS
n41	30	90	518598	1@1	CP_256QAM	15.81	2.23	18.04	63.68	2000	PASS
n41	30	90	518598	1@243	CP_256QAM	16.33	2.23	18.56	71.78	2000	PASS
n41	30	90	528996	243@0	DFT_BPSK	21.94	2.23	24.17	261.22	2000	PASS
n41	30	90	528996	120@60	DFT_BPSK	22.97	2.23	25.2	331.13	2000	PASS
n41	30	90	528996	1@1	DFT_BPSK	21.99	2.23	24.22	264.24	2000	PASS
n41	30	90	528996	1@243	DFT_BPSK	22.24	2.23	24.47	279.9	2000	PASS
n41	30	90	528996	243@0	DFT_QPSK	21.43	2.23	23.66	232.27	2000	PASS
n41	30	90	528996	120@60	DFT_QPSK	22.69	2.23	24.92	310.46	2000	PASS
n41	30	90	528996	1@1	DFT_QPSK	22.04	2.23	24.27	267.3	2000	PASS
n41	30	90	528996	1@243	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
n41	30	90	528996	243@0	DFT_16QAM	20.47	2.23	22.7	186.21	2000	PASS
n41	30	90	528996	120@60	DFT_16QAM	21.68	2.23	23.91	246.04	2000	PASS
n41	30	90	528996	1@1	DFT_16QAM	20.84	2.23	23.07	202.77	2000	PASS
n41	30	90	528996	1@243	DFT_16QAM	21.17	2.23	23.4	218.78	2000	PASS
n41	30	90	528996	243@0	DFT_64QAM	19.95	2.23	22.18	165.2	2000	PASS
n41	30	90	528996	120@60	DFT_64QAM	20.22	2.23	22.45	175.79	2000	PASS
n41	30	90	528996	1@1	DFT_64QAM	19.73	2.23	21.96	157.04	2000	PASS
n41	30	90	528996	1@243	DFT_64QAM	19.93	2.23	22.16	164.44	2000	PASS
n41	30	90	528996	243@0	DFT_256QAM	17.97	2.23	20.2	104.71	2000	PASS
n41	30	90	528996	120@60	DFT_256QAM	18.17	2.23	20.4	109.65	2000	PASS
n41	30	90	528996	1@1	DFT_256QAM	17.56	2.23	19.79	95.28	2000	PASS
n41	30	90	528996	1@243	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
n41	30	90	528996	245@0	CP_QPSK	19.44	2.23	21.67	146.89	2000	PASS
n41	30	90	528996	123@61	CP_QPSK	21.09	2.23	23.32	214.78	2000	PASS
n41	30	90	528996	1@1	CP_QPSK	20.53	2.23	22.76	188.8	2000	PASS
n41	30	90	528996	1@243	CP_QPSK	20.77	2.23	23	199.53	2000	PASS
n41	30	90	528996	245@0	CP_16QAM	19.43	2.23	21.66	146.55	2000	PASS
n41	30	90	528996	123@61	CP_16QAM	20.66	2.23	22.89	194.54	2000	PASS
n41	30	90	528996	1@1	CP_16QAM	20.09	2.23	22.32	170.61	2000	PASS
n41	30	90	528996	1@243	CP_16QAM	20.47	2.23	22.7	186.21	2000	PASS
n41	30	90	528996	245@0	CP_64QAM	18.91	2.23	21.14	130.02	2000	PASS
n41	30	90	528996	123@61	CP_64QAM	19.16	2.23	21.39	137.72	2000	PASS
n41	30	90	528996	1@1	CP_64QAM	18.28	2.23	20.51	112.46	2000	PASS
n41	30	90	528996	1@243	CP_64QAM	18.61	2.23	20.84	121.34	2000	PASS
n41	30	90	528996	245@0	CP_256QAM	15.99	2.23	18.22	66.37	2000	PASS
n41	30	90	528996	123@61	CP_256QAM	16.18	2.23	18.41	69.34	2000	PASS
n41	30	90	528996	1@1	CP_256QAM	15.81	2.23	18.04	63.68	2000	PASS
n41	30	90	528996	1@243	CP_256QAM	16.11	2.23	18.34	68.23	2000	PASS
n41	30	100	509202	270@0	DFT_BPSK	21.83	2.23	24.06	254.68	2000	PASS
n41	30	100	509202	135@67	DFT_BPSK	22.46	2.23	24.69	294.44	2000	PASS

n41	30	100	509202	1@1	DFT_BPSK	22.35	2.23	24.58	287.08	2000	PASS
n41	30	100	509202	1@271	DFT_BPSK	22.35	2.23	24.58	287.08	2000	PASS
n41	30	100	509202	270@0	DFT_QPSK	21.34	2.23	23.57	227.51	2000	PASS
n41	30	100	509202	135@67	DFT_QPSK	22.44	2.23	24.67	293.09	2000	PASS
n41	30	100	509202	1@1	DFT_QPSK	22.12	2.23	24.35	272.27	2000	PASS
n41	30	100	509202	1@271	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
n41	30	100	509202	270@0	DFT_16QAM	20.43	2.23	22.66	184.5	2000	PASS
n41	30	100	509202	135@67	DFT_16QAM	21.51	2.23	23.74	236.59	2000	PASS
n41	30	100	509202	1@1	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	100	509202	1@271	DFT_16QAM	21.19	2.23	23.42	219.79	2000	PASS
n41	30	100	509202	270@0	DFT_64QAM	20.02	2.23	22.25	167.88	2000	PASS
n41	30	100	509202	135@67	DFT_64QAM	20.01	2.23	22.24	167.49	2000	PASS
n41	30	100	509202	1@1	DFT_64QAM	20.02	2.23	22.25	167.88	2000	PASS
n41	30	100	509202	1@271	DFT_64QAM	20.08	2.23	22.31	170.22	2000	PASS
n41	30	100	509202	270@0	DFT_256QAM	17.85	2.23	20.08	101.86	2000	PASS
n41	30	100	509202	135@67	DFT_256QAM	17.94	2.23	20.17	103.99	2000	PASS
n41	30	100	509202	1@1	DFT_256QAM	17.81	2.23	20.04	100.93	2000	PASS
n41	30	100	509202	1@271	DFT_256QAM	17.84	2.23	20.07	101.62	2000	PASS
n41	30	100	509202	273@0	CP_QPSK	19.34	2.23	21.57	143.55	2000	PASS
n41	30	100	509202	137@68	CP_QPSK	20.87	2.23	23.1	204.17	2000	PASS
n41	30	100	509202	1@1	CP_QPSK	20.68	2.23	22.91	195.43	2000	PASS
n41	30	100	509202	1@271	CP_QPSK	20.9	2.23	23.13	205.59	2000	PASS
n41	30	100	509202	273@0	CP_16QAM	19.34	2.23	21.57	143.55	2000	PASS
n41	30	100	509202	137@68	CP_16QAM	20.44	2.23	22.67	184.93	2000	PASS
n41	30	100	509202	1@1	CP_16QAM	20.26	2.23	22.49	177.42	2000	PASS
n41	30	100	509202	1@271	CP_16QAM	20.44	2.23	22.67	184.93	2000	PASS
n41	30	100	509202	273@0	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
n41	30	100	509202	137@68	CP_64QAM	18.88	2.23	21.11	129.12	2000	PASS
n41	30	100	509202	1@1	CP_64QAM	18.47	2.23	20.7	117.49	2000	PASS
n41	30	100	509202	1@271	CP_64QAM	18.57	2.23	20.8	120.23	2000	PASS
n41	30	100	509202	273@0	CP_256QAM	15.87	2.23	18.1	64.57	2000	PASS
n41	30	100	509202	137@68	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	100	509202	1@1	CP_256QAM	16.05	2.23	18.28	67.3	2000	PASS
n41	30	100	509202	1@271	CP_256QAM	16.08	2.23	18.31	67.76	2000	PASS
n41	30	100	518598	270@0	DFT_BPSK	21.97	2.23	24.2	263.03	2000	PASS
n41	30	100	518598	135@67	DFT_BPSK	22.33	2.23	24.56	285.76	2000	PASS
n41	30	100	518598	1@1	DFT_BPSK	22.01	2.23	24.24	265.46	2000	PASS
n41	30	100	518598	1@271	DFT_BPSK	22.51	2.23	24.74	297.85	2000	PASS
n41	30	100	518598	270@0	DFT_QPSK	21.4	2.23	23.63	230.67	2000	PASS
n41	30	100	518598	135@67	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
n41	30	100	518598	1@1	DFT_QPSK	21.98	2.23	24.21	263.63	2000	PASS
n41	30	100	518598	1@271	DFT_QPSK	22.51	2.23	24.74	297.85	2000	PASS
n41	30	100	518598	270@0	DFT_16QAM	20.38	2.23	22.61	182.39	2000	PASS

n41	30	100	518598	135@67	DFT_16QAM	21.33	2.23	23.56	226.99	2000	PASS
n41	30	100	518598	1@1	DFT_16QAM	20.77	2.23	23	199.53	2000	PASS
n41	30	100	518598	1@271	DFT_16QAM	21.26	2.23	23.49	223.36	2000	PASS
n41	30	100	518598	270@0	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
n41	30	100	518598	135@67	DFT_64QAM	19.86	2.23	22.09	161.81	2000	PASS
n41	30	100	518598	1@1	DFT_64QAM	19.54	2.23	21.77	150.31	2000	PASS
n41	30	100	518598	1@271	DFT_64QAM	20.06	2.23	22.29	169.43	2000	PASS
n41	30	100	518598	270@0	DFT_256QAM	17.93	2.23	20.16	103.75	2000	PASS
n41	30	100	518598	135@67	DFT_256QAM	17.84	2.23	20.07	101.62	2000	PASS
n41	30	100	518598	1@1	DFT_256QAM	17.54	2.23	19.77	94.84	2000	PASS
n41	30	100	518598	1@271	DFT_256QAM	17.99	2.23	20.22	105.2	2000	PASS
n41	30	100	518598	273@0	CP_QPSK	19.43	2.23	21.66	146.55	2000	PASS
n41	30	100	518598	137@68	CP_QPSK	20.83	2.23	23.06	202.3	2000	PASS
n41	30	100	518598	1@1	CP_QPSK	20.57	2.23	22.8	190.55	2000	PASS
n41	30	100	518598	1@271	CP_QPSK	21.04	2.23	23.27	212.32	2000	PASS
n41	30	100	518598	273@0	CP_16QAM	19.42	2.23	21.65	146.22	2000	PASS
n41	30	100	518598	137@68	CP_16QAM	20.34	2.23	22.57	180.72	2000	PASS
n41	30	100	518598	1@1	CP_16QAM	20.08	2.23	22.31	170.22	2000	PASS
n41	30	100	518598	1@271	CP_16QAM	20.68	2.23	22.91	195.43	2000	PASS
n41	30	100	518598	273@0	CP_64QAM	18.93	2.23	21.16	130.62	2000	PASS
n41	30	100	518598	137@68	CP_64QAM	18.8	2.23	21.03	126.77	2000	PASS
n41	30	100	518598	1@1	CP_64QAM	18.22	2.23	20.45	110.92	2000	PASS
n41	30	100	518598	1@271	CP_64QAM	18.69	2.23	20.92	123.59	2000	PASS
n41	30	100	518598	273@0	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	100	518598	137@68	CP_256QAM	15.87	2.23	18.1	64.57	2000	PASS
n41	30	100	518598	1@1	CP_256QAM	15.75	2.23	17.98	62.81	2000	PASS
n41	30	100	518598	1@271	CP_256QAM	16.23	2.23	18.46	70.15	2000	PASS
n41	30	100	528000	270@0	DFT_BPSK	21.92	2.23	24.15	260.02	2000	PASS
n41	30	100	528000	135@67	DFT_BPSK	22.6	2.23	24.83	304.09	2000	PASS
n41	30	100	528000	1@1	DFT_BPSK	22.07	2.23	24.3	269.15	2000	PASS
n41	30	100	528000	1@271	DFT_BPSK	22.33	2.23	24.56	285.76	2000	PASS
n41	30	100	528000	270@0	DFT_QPSK	21.44	2.23	23.67	232.81	2000	PASS
n41	30	100	528000	135@67	DFT_QPSK	22.62	2.23	24.85	305.49	2000	PASS
n41	30	100	528000	1@1	DFT_QPSK	22.06	2.23	24.29	268.53	2000	PASS
n41	30	100	528000	1@271	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
n41	30	100	528000	270@0	DFT_16QAM	20.46	2.23	22.69	185.78	2000	PASS
n41	30	100	528000	135@67	DFT_16QAM	21.63	2.23	23.86	243.22	2000	PASS
n41	30	100	528000	1@1	DFT_16QAM	20.87	2.23	23.1	204.17	2000	PASS
n41	30	100	528000	1@271	DFT_16QAM	21.11	2.23	23.34	215.77	2000	PASS
n41	30	100	528000	270@0	DFT_64QAM	19.92	2.23	22.15	164.06	2000	PASS
n41	30	100	528000	135@67	DFT_64QAM	20.18	2.23	22.41	174.18	2000	PASS
n41	30	100	528000	1@1	DFT_64QAM	19.7	2.23	21.93	155.96	2000	PASS
n41	30	100	528000	1@271	DFT_64QAM	20.04	2.23	22.27	168.66	2000	PASS

n41	30	100	528000	270@0	DFT_256QAM	17.94	2.23	20.17	103.99	2000	PASS
n41	30	100	528000	135@67	DFT_256QAM	18.13	2.23	20.36	108.64	2000	PASS
n41	30	100	528000	1@1	DFT_256QAM	17.68	2.23	19.91	97.95	2000	PASS
n41	30	100	528000	1@271	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
n41	30	100	528000	273@0	CP_QPSK	19.4	2.23	21.63	145.55	2000	PASS
n41	30	100	528000	137@68	CP_QPSK	21.1	2.23	23.33	215.28	2000	PASS
n41	30	100	528000	1@1	CP_QPSK	20.57	2.23	22.8	190.55	2000	PASS
n41	30	100	528000	1@271	CP_QPSK	20.79	2.23	23.02	200.45	2000	PASS
n41	30	100	528000	273@0	CP_16QAM	19.39	2.23	21.62	145.21	2000	PASS
n41	30	100	528000	137@68	CP_16QAM	20.67	2.23	22.9	194.98	2000	PASS
n41	30	100	528000	1@1	CP_16QAM	20.06	2.23	22.29	169.43	2000	PASS
n41	30	100	528000	1@271	CP_16QAM	20.3	2.23	22.53	179.06	2000	PASS
n41	30	100	528000	273@0	CP_64QAM	18.9	2.23	21.13	129.72	2000	PASS
n41	30	100	528000	137@68	CP_64QAM	19.1	2.23	21.33	135.83	2000	PASS
n41	30	100	528000	1@1	CP_64QAM	18.35	2.23	20.58	114.29	2000	PASS
n41	30	100	528000	1@271	CP_64QAM	18.49	2.23	20.72	118.03	2000	PASS
n41	30	100	528000	273@0	CP_256QAM	15.95	2.23	18.18	65.77	2000	PASS
n41	30	100	528000	137@68	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
n41	30	100	528000	1@1	CP_256QAM	15.83	2.23	18.06	63.97	2000	PASS
n41	30	100	528000	1@271	CP_256QAM	15.98	2.23	18.21	66.22	2000	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_n41A	30	10	500202	24@0	DFT_BPSK	22.07	2.23	24.3	269.15	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_BPSK	22.59	2.23	24.82	303.39	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_BPSK	22.57	2.23	24.8	302	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_BPSK	22.43	2.23	24.66	292.42	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_QPSK	21.61	2.23	23.84	242.1	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_QPSK	22.65	2.23	24.88	307.61	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_QPSK	22.44	2.23	24.67	293.09	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_QPSK	22.3	2.23	24.53	283.79	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_16QAM	20.69	2.23	22.92	195.88	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_16QAM	21.67	2.23	23.9	245.47	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_16QAM	21.31	2.23	23.54	225.94	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_16QAM	21.15	2.23	23.38	217.77	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_64QAM	20.27	2.23	22.5	177.83	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_64QAM	20.28	2.23	22.51	178.24	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_64QAM	20.01	2.23	22.24	167.49	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_64QAM	19.87	2.23	22.1	162.18	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_256QAM	18.11	2.23	20.34	108.14	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_256QAM	18.31	2.23	20.54	113.24	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS

DC_5A_n41A	30	10	500202	1@22	DFT_256QAM	17.93	2.23	20.16	103.75	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_QPSK	19.51	2.23	21.74	149.28	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_QPSK	21.02	2.23	23.25	211.35	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_QPSK	20.94	2.23	23.17	207.49	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_QPSK	20.97	2.23	23.2	208.93	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_16QAM	19.63	2.23	21.86	153.46	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_16QAM	20.68	2.23	22.91	195.43	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_16QAM	20.54	2.23	22.77	189.23	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_16QAM	20.46	2.23	22.69	185.78	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_64QAM	19.14	2.23	21.37	137.09	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_64QAM	19.18	2.23	21.41	138.36	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_64QAM	18.8	2.23	21.03	126.77	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_64QAM	18.67	2.23	20.9	123.03	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_256QAM	16.05	2.23	18.28	67.3	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_256QAM	16.05	2.23	18.28	67.3	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_256QAM	16.29	2.23	18.52	71.12	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_256QAM	16.17	2.23	18.4	69.18	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_BPSK	22.01	2.23	24.24	265.46	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_BPSK	22.37	2.23	24.6	288.4	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_BPSK	22.38	2.23	24.61	289.07	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_BPSK	22.42	2.23	24.65	291.74	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_QPSK	21.51	2.23	23.74	236.59	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_QPSK	22.53	2.23	24.76	299.23	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_16QAM	20.59	2.23	22.82	191.43	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_16QAM	21.56	2.23	23.79	239.33	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_16QAM	21.2	2.23	23.43	220.29	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_16QAM	21.2	2.23	23.43	220.29	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_64QAM	20	2.23	22.23	167.11	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_64QAM	20.15	2.23	22.38	172.98	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_64QAM	19.93	2.23	22.16	164.44	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_64QAM	19.89	2.23	22.12	162.93	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_256QAM	18.03	2.23	20.26	106.17	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_256QAM	18.26	2.23	20.49	111.94	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_QPSK	19.49	2.23	21.72	148.59	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_QPSK	20.9	2.23	23.13	205.59	2000	PASS
DC_5A_n41A	30	10	518598	1@1	CP_QPSK	20.89	2.23	23.12	205.12	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_QPSK	20.93	2.23	23.16	207.01	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_16QAM	19.39	2.23	21.62	145.21	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_16QAM	20.72	2.23	22.95	197.24	2000	PASS

DC_5A_n41A	30	10	518598	1@1	CP_16QAM	20.46	2.23	22.69	185.78	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_16QAM	20.47	2.23	22.7	186.21	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_64QAM	19.06	2.23	21.29	134.59	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_64QAM	19.21	2.23	21.44	139.32	2000	PASS
DC_5A_n41A	30	10	518598	1@1	CP_64QAM	18.78	2.23	21.01	126.18	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_64QAM	18.77	2.23	21	125.89	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_256QAM	16.02	2.23	18.25	66.83	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_256QAM	16.07	2.23	18.3	67.61	2000	PASS
DC_5A_n41A	30	10	518598	1@1	CP_256QAM	16.34	2.23	18.57	71.94	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_256QAM	16.29	2.23	18.52	71.12	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_BPSK	21.83	2.23	24.06	254.68	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_BPSK	22.4	2.23	24.63	290.4	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_BPSK	22.2	2.23	24.43	277.33	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_BPSK	22.24	2.23	24.47	279.9	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_QPSK	21.29	2.23	23.52	224.91	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_QPSK	22.25	2.23	24.48	280.54	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_QPSK	22.17	2.23	24.4	275.42	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_QPSK	22.2	2.23	24.43	277.33	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_16QAM	20.4	2.23	22.63	183.23	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_16QAM	21.31	2.23	23.54	225.94	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_16QAM	21.04	2.23	23.27	212.32	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_16QAM	21.09	2.23	23.32	214.78	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_64QAM	19.96	2.23	22.19	165.58	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_64QAM	19.71	2.23	21.94	156.31	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_64QAM	19.78	2.23	22.01	158.85	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_256QAM	17.73	2.23	19.96	99.08	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_256QAM	17.92	2.23	20.15	103.51	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_256QAM	17.7	2.23	19.93	98.4	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_256QAM	17.72	2.23	19.95	98.86	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_QPSK	19.43	2.23	21.66	146.55	2000	PASS
DC_5A_n41A	30	10	537000	12@6	CP_QPSK	20.73	2.23	22.96	197.7	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_QPSK	20.79	2.23	23.02	200.45	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_QPSK	20.79	2.23	23.02	200.45	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_16QAM	19.36	2.23	21.59	144.21	2000	PASS
DC_5A_n41A	30	10	537000	12@6	CP_16QAM	20.48	2.23	22.71	186.64	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_16QAM	20.32	2.23	22.55	179.89	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_16QAM	20.28	2.23	22.51	178.24	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_64QAM	18.78	2.23	21.01	126.18	2000	PASS
DC_5A_n41A	30	10	537000	12@6	CP_64QAM	18.89	2.23	21.12	129.42	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_64QAM	18.45	2.23	20.68	116.95	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_64QAM	18.5	2.23	20.73	118.3	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_256QAM	15.79	2.23	18.02	63.39	2000	PASS

DC_5A_n41A	30	10	537000	12@6	CP_256QAM	15.84	2.23	18.07	64.12	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_256QAM	15.91	2.23	18.14	65.16	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_256QAM	15.98	2.23	18.21	66.22	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_BPSK	22.2	2.23	24.43	277.33	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_BPSK	22.52	2.23	24.75	298.54	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_BPSK	22.48	2.23	24.71	295.8	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_QPSK	21.58	2.23	23.81	240.44	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_QPSK	22.56	2.23	24.79	301.3	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_QPSK	22.46	2.23	24.69	294.44	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_QPSK	22.27	2.23	24.5	281.84	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_16QAM	20.72	2.23	22.95	197.24	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_16QAM	21.58	2.23	23.81	240.44	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_16QAM	21.29	2.23	23.52	224.91	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_16QAM	21.1	2.23	23.33	215.28	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_64QAM	20.18	2.23	22.41	174.18	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_64QAM	20.2	2.23	22.43	174.98	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_64QAM	20.1	2.23	22.33	171	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_64QAM	19.99	2.23	22.22	166.72	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_256QAM	18.08	2.23	20.31	107.4	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_256QAM	18.09	2.23	20.32	107.65	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_256QAM	18.12	2.23	20.35	108.39	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_256QAM	18.01	2.23	20.24	105.68	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_QPSK	19.6	2.23	21.83	152.41	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_QPSK	21	2.23	23.23	210.38	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_QPSK	21.11	2.23	23.34	215.77	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_QPSK	20.79	2.23	23.02	200.45	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_16QAM	19.75	2.23	21.98	157.76	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_16QAM	20.55	2.23	22.78	189.67	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_16QAM	20.48	2.23	22.71	186.64	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_16QAM	20.3	2.23	22.53	179.06	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_64QAM	19.09	2.23	21.32	135.52	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_64QAM	19.07	2.23	21.3	134.9	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_64QAM	18.6	2.23	20.83	121.06	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_256QAM	16.13	2.23	18.36	68.55	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_256QAM	16.23	2.23	18.46	70.15	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_256QAM	16.36	2.23	18.59	72.28	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_256QAM	16.19	2.23	18.42	69.5	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_BPSK	21.96	2.23	24.19	262.42	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_BPSK	22.46	2.23	24.69	294.44	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_BPSK	22.39	2.23	24.62	289.73	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_BPSK	22.43	2.23	24.66	292.42	2000	PASS

DC_5A_n41A	30	15	518598	36@0	DFT_QPSK	21.46	2.23	23.69	233.88	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_QPSK	22.54	2.23	24.77	299.92	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_QPSK	22.34	2.23	24.57	286.42	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_16QAM	20.57	2.23	22.8	190.55	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_16QAM	21.51	2.23	23.74	236.59	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_16QAM	21.14	2.23	23.37	217.27	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_16QAM	21.14	2.23	23.37	217.27	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_64QAM	20.11	2.23	22.34	171.4	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_64QAM	20.04	2.23	22.27	168.66	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_256QAM	18.03	2.23	20.26	106.17	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_256QAM	18.13	2.23	20.36	108.64	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_256QAM	18.04	2.23	20.27	106.41	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_256QAM	18.07	2.23	20.3	107.15	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_QPSK	19.49	2.23	21.72	148.59	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_QPSK	21.01	2.23	23.24	210.86	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_QPSK	20.96	2.23	23.19	208.45	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_QPSK	20.99	2.23	23.22	209.89	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_16QAM	19.63	2.23	21.86	153.46	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_16QAM	20.52	2.23	22.75	188.36	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_16QAM	20.35	2.23	22.58	181.13	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_16QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_64QAM	19.09	2.23	21.32	135.52	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_64QAM	19.05	2.23	21.28	134.28	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_64QAM	18.79	2.23	21.02	126.47	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_256QAM	16.29	2.23	18.52	71.12	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_256QAM	16.22	2.23	18.45	69.98	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_256QAM	16.24	2.23	18.47	70.31	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_BPSK	21.84	2.23	24.07	255.27	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_BPSK	22.25	2.23	24.48	280.54	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_BPSK	22.34	2.23	24.57	286.42	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_BPSK	22.27	2.23	24.5	281.84	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_QPSK	21.31	2.23	23.54	225.94	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_QPSK	22.34	2.23	24.57	286.42	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_QPSK	22.28	2.23	24.51	282.49	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_QPSK	22.2	2.23	24.43	277.33	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_16QAM	20.42	2.23	22.65	184.08	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_16QAM	21.3	2.23	23.53	225.42	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_16QAM	21.05	2.23	23.28	212.81	2000	PASS

DC_5A_n41A	30	15	536496	1@36	DFT_16QAM	21.01	2.23	23.24	210.86	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_64QAM	19.92	2.23	22.15	164.06	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_64QAM	19.92	2.23	22.15	164.06	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_64QAM	19.86	2.23	22.09	161.81	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_64QAM	19.9	2.23	22.13	163.31	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_256QAM	17.72	2.23	19.95	98.86	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_256QAM	17.79	2.23	20.02	100.46	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_256QAM	17.92	2.23	20.15	103.51	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_256QAM	17.8	2.23	20.03	100.69	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_QPSK	19.35	2.23	21.58	143.88	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_QPSK	20.79	2.23	23.02	200.45	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_QPSK	20.9	2.23	23.13	205.59	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_QPSK	20.76	2.23	22.99	199.07	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_16QAM	19.53	2.23	21.76	149.97	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_16QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_16QAM	20.34	2.23	22.57	180.72	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_16QAM	20.19	2.23	22.42	174.58	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_64QAM	18.79	2.23	21.02	126.47	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_64QAM	18.81	2.23	21.04	127.06	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_64QAM	18.59	2.23	20.82	120.78	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_64QAM	18.43	2.23	20.66	116.41	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_256QAM	15.86	2.23	18.09	64.42	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_256QAM	15.94	2.23	18.17	65.61	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_256QAM	16	2.23	18.23	66.53	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_BPSK	22.04	2.23	24.27	267.3	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_BPSK	22.62	2.23	24.85	305.49	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_BPSK	22.48	2.23	24.71	295.8	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_QPSK	21.6	2.23	23.83	241.55	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_QPSK	22.53	2.23	24.76	299.23	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_QPSK	22.41	2.23	24.64	291.07	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_QPSK	22.27	2.23	24.5	281.84	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_16QAM	20.56	2.23	22.79	190.11	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_16QAM	21.53	2.23	23.76	237.68	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_16QAM	21.19	2.23	23.42	219.79	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_16QAM	21.1	2.23	23.33	215.28	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_64QAM	20.08	2.23	22.31	170.22	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_64QAM	20.15	2.23	22.38	172.98	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_64QAM	20.11	2.23	22.34	171.4	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_64QAM	19.96	2.23	22.19	165.58	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_256QAM	18.01	2.23	20.24	105.68	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_256QAM	18.04	2.23	20.27	106.41	2000	PASS

DC_5A_n41A	30	20	501204	1@1	DFT_256QAM	18.08	2.23	20.31	107.4	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_256QAM	18.01	2.23	20.24	105.68	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_QPSK	19.61	2.23	21.84	152.76	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_QPSK	20.99	2.23	23.22	209.89	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_QPSK	20.96	2.23	23.19	208.45	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_QPSK	20.83	2.23	23.06	202.3	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_16QAM	19.56	2.23	21.79	151.01	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_16QAM	20.55	2.23	22.78	189.67	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_16QAM	20.43	2.23	22.66	184.5	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_16QAM	20.31	2.23	22.54	179.47	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_64QAM	19.02	2.23	21.25	133.35	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_64QAM	19.04	2.23	21.27	133.97	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_64QAM	18.73	2.23	20.96	124.74	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_64QAM	18.67	2.23	20.9	123.03	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_256QAM	16.06	2.23	18.29	67.45	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_256QAM	16.35	2.23	18.58	72.11	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_256QAM	16.29	2.23	18.52	71.12	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_256QAM	16.19	2.23	18.42	69.5	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_BPSK	22.05	2.23	24.28	267.92	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_BPSK	22.53	2.23	24.76	299.23	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_BPSK	22.4	2.23	24.63	290.4	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_BPSK	22.37	2.23	24.6	288.4	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_QPSK	21.53	2.23	23.76	237.68	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_QPSK	22.55	2.23	24.78	300.61	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_QPSK	22.3	2.23	24.53	283.79	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_QPSK	22.27	2.23	24.5	281.84	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_16QAM	20.47	2.23	22.7	186.21	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_16QAM	21.51	2.23	23.74	236.59	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_16QAM	21.14	2.23	23.37	217.27	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_16QAM	21.15	2.23	23.38	217.77	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_64QAM	19.95	2.23	22.18	165.2	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_64QAM	20.08	2.23	22.31	170.22	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_64QAM	20.02	2.23	22.25	167.88	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_64QAM	19.93	2.23	22.16	164.44	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_256QAM	18.09	2.23	20.32	107.65	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_QPSK	19.51	2.23	21.74	149.28	2000	PASS
DC_5A_n41A	30	20	518598	25@12	CP_QPSK	21.02	2.23	23.25	211.35	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_QPSK	20.91	2.23	23.14	206.06	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_QPSK	20.96	2.23	23.19	208.45	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_16QAM	19.54	2.23	21.77	150.31	2000	PASS

DC_5A_n41A	30	20	518598	25@12	CP_16QAM	20.61	2.23	22.84	192.31	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_16QAM	20.34	2.23	22.57	180.72	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_16QAM	20.28	2.23	22.51	178.24	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_64QAM	19.04	2.23	21.27	133.97	2000	PASS
DC_5A_n41A	30	20	518598	25@12	CP_64QAM	19.16	2.23	21.39	137.72	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_256QAM	16.12	2.23	18.35	68.39	2000	PASS
DC_5A_n41A	30	20	518598	25@12	CP_256QAM	16.19	2.23	18.42	69.5	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_256QAM	16.19	2.23	18.42	69.5	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_BPSK	21.96	2.23	24.19	262.42	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_BPSK	22.29	2.23	24.52	283.14	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_BPSK	22.53	2.23	24.76	299.23	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_BPSK	22.31	2.23	24.54	284.45	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_QPSK	21.45	2.23	23.68	233.35	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_QPSK	22.44	2.23	24.67	293.09	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_QPSK	22.22	2.23	24.45	278.61	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_16QAM	20.42	2.23	22.65	184.08	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_16QAM	21.31	2.23	23.54	225.94	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_16QAM	21.24	2.23	23.47	222.33	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_16QAM	21.02	2.23	23.25	211.35	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_64QAM	19.94	2.23	22.17	164.82	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_64QAM	19.99	2.23	22.22	166.72	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_64QAM	20.19	2.23	22.42	174.58	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_64QAM	19.86	2.23	22.09	161.81	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_256QAM	17.84	2.23	20.07	101.62	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_256QAM	17.83	2.23	20.06	101.39	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_256QAM	18.09	2.23	20.32	107.65	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_256QAM	17.8	2.23	20.03	100.69	2000	PASS
DC_5A_n41A	30	20	535998	51@0	CP_QPSK	19.33	2.23	21.56	143.22	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_QPSK	20.83	2.23	23.06	202.3	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_QPSK	21.01	2.23	23.24	210.86	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_QPSK	20.78	2.23	23.01	199.99	2000	PASS
DC_5A_n41A	30	20	535998	51@0	CP_16QAM	19.48	2.23	21.71	148.25	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_16QAM	20.48	2.23	22.71	186.64	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_16QAM	20.45	2.23	22.68	185.35	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_16QAM	20.21	2.23	22.44	175.39	2000	PASS
DC_5A_n41A	30	20	535998	51@0	CP_64QAM	18.83	2.23	21.06	127.64	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_64QAM	18.96	2.23	21.19	131.52	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_64QAM	18.74	2.23	20.97	125.03	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_64QAM	18.49	2.23	20.72	118.03	2000	PASS

DC_5A_n41A	30	20	535998	51@0	CP_256QAM	15.92	2.23	18.15	65.31	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_256QAM	15.97	2.23	18.2	66.07	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_256QAM	16.31	2.23	18.54	71.45	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_256QAM	16.02	2.23	18.25	66.83	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_BPSK	22.11	2.23	24.34	271.64	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_BPSK	22.6	2.23	24.83	304.09	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_BPSK	22.7	2.23	24.93	311.17	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_BPSK	22.75	2.23	24.98	314.77	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_QPSK	21.71	2.23	23.94	247.74	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_QPSK	22.58	2.23	24.81	302.69	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_QPSK	22.46	2.23	24.69	294.44	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_QPSK	22.51	2.23	24.74	297.85	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_16QAM	20.7	2.23	22.93	196.34	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_16QAM	21.66	2.23	23.89	244.91	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_16QAM	21.28	2.23	23.51	224.39	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_16QAM	21.37	2.23	23.6	229.09	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_64QAM	20.2	2.23	22.43	174.98	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_64QAM	20.19	2.23	22.42	174.58	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_64QAM	20.14	2.23	22.37	172.58	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_256QAM	18.1	2.23	20.33	107.89	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_256QAM	18.17	2.23	20.4	109.65	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_256QAM	18.19	2.23	20.42	110.15	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_QPSK	19.66	2.23	21.89	154.53	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_QPSK	21.08	2.23	23.31	214.29	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_QPSK	20.96	2.23	23.19	208.45	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_QPSK	21.08	2.23	23.31	214.29	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_16QAM	19.73	2.23	21.96	157.04	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_16QAM	20.7	2.23	22.93	196.34	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_16QAM	20.43	2.23	22.66	184.5	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_16QAM	20.51	2.23	22.74	187.93	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_64QAM	19.18	2.23	21.41	138.36	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_64QAM	19.07	2.23	21.3	134.9	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_64QAM	18.8	2.23	21.03	126.77	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_64QAM	18.83	2.23	21.06	127.64	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_256QAM	16.16	2.23	18.39	69.02	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_256QAM	16.12	2.23	18.35	68.39	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_256QAM	16.35	2.23	18.58	72.11	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_256QAM	16.39	2.23	18.62	72.78	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_BPSK	21.98	2.23	24.21	263.63	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_BPSK	22.57	2.23	24.8	302	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_BPSK	22.32	2.23	24.55	285.1	2000	PASS

DC_5A_n41A	30	30	518598	1@76	DFT_BPSK	22.37	2.23	24.6	288.4	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_QPSK	21.51	2.23	23.74	236.59	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_QPSK	22.51	2.23	24.74	297.85	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_QPSK	22.29	2.23	24.52	283.14	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_16QAM	20.5	2.23	22.73	187.5	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_16QAM	21.58	2.23	23.81	240.44	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_16QAM	21.06	2.23	23.29	213.3	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_16QAM	21.1	2.23	23.33	215.28	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_64QAM	20.04	2.23	22.27	168.66	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_64QAM	20.07	2.23	22.3	169.82	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_64QAM	19.82	2.23	22.05	160.32	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_64QAM	19.92	2.23	22.15	164.06	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_256QAM	17.99	2.23	20.22	105.2	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_256QAM	18.04	2.23	20.27	106.41	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_QPSK	19.51	2.23	21.74	149.28	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_QPSK	21	2.23	23.23	210.38	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_QPSK	20.86	2.23	23.09	203.7	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_QPSK	20.84	2.23	23.07	202.77	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_16QAM	19.56	2.23	21.79	151.01	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_16QAM	20.65	2.23	22.88	194.09	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_16QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_16QAM	20.23	2.23	22.46	176.2	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_64QAM	19.07	2.23	21.3	134.9	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_64QAM	19.07	2.23	21.3	134.9	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_64QAM	18.63	2.23	20.86	121.9	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_64QAM	18.63	2.23	20.86	121.9	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_256QAM	16.06	2.23	18.29	67.45	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_256QAM	16.1	2.23	18.33	68.08	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_256QAM	16.18	2.23	18.41	69.34	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_BPSK	22.11	2.23	24.34	271.64	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_BPSK	22.6	2.23	24.83	304.09	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_BPSK	22.73	2.23	24.96	313.33	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_BPSK	22.43	2.23	24.66	292.42	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_QPSK	21.62	2.23	23.85	242.66	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_QPSK	22.66	2.23	24.89	308.32	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_QPSK	22.66	2.23	24.89	308.32	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_QPSK	22.34	2.23	24.57	286.42	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_16QAM	20.65	2.23	22.88	194.09	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_16QAM	21.65	2.23	23.88	244.34	2000	PASS

DC_5A_n41A	30	30	534996	1@1	DFT_16QAM	21.46	2.23	23.69	233.88	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_16QAM	21.16	2.23	23.39	218.27	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_64QAM	20.22	2.23	22.45	175.79	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_64QAM	20.23	2.23	22.46	176.2	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_64QAM	20.2	2.23	22.43	174.98	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_64QAM	19.94	2.23	22.17	164.82	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_256QAM	18.14	2.23	20.37	108.89	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_256QAM	18.12	2.23	20.35	108.39	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_256QAM	18.38	2.23	20.61	115.08	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_256QAM	17.96	2.23	20.19	104.47	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_QPSK	19.59	2.23	21.82	152.05	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_QPSK	21.12	2.23	23.35	216.27	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_QPSK	21.22	2.23	23.45	221.31	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_QPSK	20.91	2.23	23.14	206.06	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_16QAM	19.71	2.23	21.94	156.31	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_16QAM	20.78	2.23	23.01	199.99	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_16QAM	20.57	2.23	22.8	190.55	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_16QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_64QAM	19.15	2.23	21.38	137.4	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_64QAM	19.16	2.23	21.39	137.72	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_64QAM	19.03	2.23	21.26	133.66	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_64QAM	18.63	2.23	20.86	121.9	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_256QAM	16.17	2.23	18.4	69.18	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_256QAM	16.6	2.23	18.83	76.38	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_BPSK	22.16	2.23	24.39	274.79	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_BPSK	22.6	2.23	24.83	304.09	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_BPSK	22.71	2.23	24.94	311.89	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_BPSK	22.61	2.23	24.84	304.79	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_QPSK	21.71	2.23	23.94	247.74	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_QPSK	22.62	2.23	24.85	305.49	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_QPSK	22.45	2.23	24.68	293.76	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_QPSK	22.39	2.23	24.62	289.73	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_16QAM	20.74	2.23	22.97	198.15	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_16QAM	21.66	2.23	23.89	244.91	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_16QAM	21.24	2.23	23.47	222.33	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_16QAM	21.22	2.23	23.45	221.31	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_64QAM	20.23	2.23	22.46	176.2	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_64QAM	20.2	2.23	22.43	174.98	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_64QAM	20.06	2.23	22.29	169.43	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_64QAM	20	2.23	22.23	167.11	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_256QAM	18.11	2.23	20.34	108.14	2000	PASS

DC_5A_n41A	30	40	503202	50@25	DFT_256QAM	18.08	2.23	20.31	107.4	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_256QAM	18.17	2.23	20.4	109.65	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_256QAM	18.03	2.23	20.26	106.17	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_QPSK	19.65	2.23	21.88	154.17	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_QPSK	21.01	2.23	23.24	210.86	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_QPSK	21.01	2.23	23.24	210.86	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_QPSK	21.04	2.23	23.27	212.32	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_16QAM	19.77	2.23	22	158.49	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_16QAM	20.64	2.23	22.87	193.64	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_16QAM	20.46	2.23	22.69	185.78	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_16QAM	20.43	2.23	22.66	184.5	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_64QAM	19.16	2.23	21.39	137.72	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_64QAM	19.13	2.23	21.36	136.77	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_64QAM	18.79	2.23	21.02	126.47	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_64QAM	18.77	2.23	21	125.89	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_256QAM	16.16	2.23	18.39	69.02	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_256QAM	16.13	2.23	18.36	68.55	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_256QAM	16.43	2.23	18.66	73.45	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_256QAM	16.3	2.23	18.53	71.29	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_BPSK	22.04	2.23	24.27	267.3	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_BPSK	22.58	2.23	24.81	302.69	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_BPSK	22.34	2.23	24.57	286.42	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_BPSK	22.38	2.23	24.61	289.07	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_QPSK	21.53	2.23	23.76	237.68	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_QPSK	22.5	2.23	24.73	297.17	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_QPSK	22.28	2.23	24.51	282.49	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_16QAM	20.5	2.23	22.73	187.5	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_16QAM	21.55	2.23	23.78	238.78	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_16QAM	21.06	2.23	23.29	213.3	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_16QAM	21.1	2.23	23.33	215.28	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_64QAM	20.08	2.23	22.31	170.22	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_64QAM	20.06	2.23	22.29	169.43	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_64QAM	19.9	2.23	22.13	163.31	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_64QAM	19.91	2.23	22.14	163.68	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_256QAM	18.01	2.23	20.24	105.68	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_256QAM	17.94	2.23	20.17	103.99	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_256QAM	18.03	2.23	20.26	106.17	2000	PASS
DC_5A_n41A	30	40	518598	106@0	CP_QPSK	19.55	2.23	21.78	150.66	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_QPSK	21.07	2.23	23.3	213.8	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_QPSK	20.95	2.23	23.18	207.97	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_QPSK	20.94	2.23	23.17	207.49	2000	PASS

DC_5A_n41A	30	40	518598	106@0	CP_16QAM	19.58	2.23	21.81	151.71	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_16QAM	20.57	2.23	22.8	190.55	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_16QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_16QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	40	518598	106@0	CP_64QAM	19.04	2.23	21.27	133.97	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_64QAM	19.07	2.23	21.3	134.9	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_64QAM	18.66	2.23	20.89	122.74	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
DC_5A_n41A	30	40	518598	106@0	CP_256QAM	16.07	2.23	18.3	67.61	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_256QAM	16.09	2.23	18.32	67.92	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_256QAM	16.26	2.23	18.49	70.63	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_BPSK	22.24	2.23	24.47	279.9	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_BPSK	22.81	2.23	25.04	319.15	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_BPSK	22.6	2.23	24.83	304.09	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_BPSK	22.5	2.23	24.73	297.17	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_QPSK	21.77	2.23	24	251.19	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_QPSK	22.79	2.23	25.02	317.69	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_QPSK	22.53	2.23	24.76	299.23	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_QPSK	22.39	2.23	24.62	289.73	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_16QAM	20.76	2.23	22.99	199.07	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_16QAM	21.81	2.23	24.04	253.51	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_16QAM	21.32	2.23	23.55	226.46	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_16QAM	21.18	2.23	23.41	219.28	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_64QAM	20.3	2.23	22.53	179.06	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_64QAM	20.39	2.23	22.62	182.81	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_64QAM	20.15	2.23	22.38	172.98	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_256QAM	18.21	2.23	20.44	110.66	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_256QAM	18.33	2.23	20.56	113.76	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_256QAM	18.21	2.23	20.44	110.66	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_QPSK	19.77	2.23	22	158.49	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_QPSK	21.24	2.23	23.47	222.33	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_QPSK	21.08	2.23	23.31	214.29	2000	PASS
DC_5A_n41A	30	40	534000	1@104	CP_QPSK	20.91	2.23	23.14	206.06	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_16QAM	19.74	2.23	21.97	157.4	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_16QAM	20.79	2.23	23.02	200.45	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_16QAM	20.51	2.23	22.74	187.93	2000	PASS
DC_5A_n41A	30	40	534000	1@104	CP_16QAM	20.32	2.23	22.55	179.89	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_64QAM	19.25	2.23	21.48	140.6	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_64QAM	19.33	2.23	21.56	143.22	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_64QAM	18.89	2.23	21.12	129.42	2000	PASS

DC_5A_n41A	30	40	534000	1@104	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_256QAM	16.24	2.23	18.47	70.31	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_256QAM	16.39	2.23	18.62	72.78	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_256QAM	16.39	2.23	18.62	72.78	2000	PASS
DC_5A_n41A	30	40	534000	1@104	CP_256QAM	16.3	2.23	18.53	71.29	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_BPSK	22.14	2.23	24.37	273.53	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_BPSK	22.74	2.23	24.97	314.05	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_BPSK	22.45	2.23	24.68	293.76	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_QPSK	21.67	2.23	23.9	245.47	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_QPSK	22.79	2.23	25.02	317.69	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_QPSK	22.43	2.23	24.66	292.42	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_QPSK	22.33	2.23	24.56	285.76	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_16QAM	20.67	2.23	22.9	194.98	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_16QAM	21.74	2.23	23.97	249.46	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_16QAM	21.27	2.23	23.5	223.87	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_16QAM	21.15	2.23	23.38	217.77	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_64QAM	20.14	2.23	22.37	172.58	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_64QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_64QAM	19.98	2.23	22.21	166.34	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_64QAM	19.94	2.23	22.17	164.82	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_256QAM	18.15	2.23	20.38	109.14	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_256QAM	18.17	2.23	20.4	109.65	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_256QAM	18.09	2.23	20.32	107.65	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_256QAM	18.24	2.23	20.47	111.43	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_QPSK	19.6	2.23	21.83	152.41	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_QPSK	21.14	2.23	23.37	217.27	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_QPSK	20.94	2.23	23.17	207.49	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_QPSK	20.87	2.23	23.1	204.17	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_16QAM	19.74	2.23	21.97	157.4	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_16QAM	20.75	2.23	22.98	198.61	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_16QAM	20.38	2.23	22.61	182.39	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_16QAM	20.28	2.23	22.51	178.24	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_64QAM	19.12	2.23	21.35	136.46	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_64QAM	19.2	2.23	21.43	139	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_64QAM	18.81	2.23	21.04	127.06	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_64QAM	18.63	2.23	20.86	121.9	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_256QAM	16.14	2.23	18.37	68.71	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_256QAM	16.33	2.23	18.56	71.78	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_256QAM	16.16	2.23	18.39	69.02	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_BPSK	22.04	2.23	24.27	267.3	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_BPSK	22.54	2.23	24.77	299.92	2000	PASS

DC_5A_n41A	30	50	518598	1@1	DFT_BPSK	22.4	2.23	24.63	290.4	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_BPSK	22.43	2.23	24.66	292.42	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_QPSK	21.51	2.23	23.74	236.59	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_QPSK	22.57	2.23	24.8	302	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_QPSK	22.33	2.23	24.56	285.76	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_QPSK	22.39	2.23	24.62	289.73	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_16QAM	20.63	2.23	22.86	193.2	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_16QAM	21.52	2.23	23.75	237.14	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_16QAM	21.17	2.23	23.4	218.78	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_16QAM	21.24	2.23	23.47	222.33	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_64QAM	20.06	2.23	22.29	169.43	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_64QAM	20.08	2.23	22.31	170.22	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_64QAM	19.86	2.23	22.09	161.81	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_64QAM	19.9	2.23	22.13	163.31	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_256QAM	18.05	2.23	20.28	106.66	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_256QAM	18.04	2.23	20.27	106.41	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_256QAM	17.91	2.23	20.14	103.28	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_QPSK	19.48	2.23	21.71	148.25	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_QPSK	21.01	2.23	23.24	210.86	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_QPSK	20.94	2.23	23.17	207.49	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_QPSK	20.95	2.23	23.18	207.97	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_16QAM	19.56	2.23	21.79	151.01	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_16QAM	20.54	2.23	22.77	189.23	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_16QAM	20.29	2.23	22.52	178.65	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_16QAM	20.29	2.23	22.52	178.65	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_64QAM	19.01	2.23	21.24	133.05	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_64QAM	19.06	2.23	21.29	134.59	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_64QAM	18.64	2.23	20.87	122.18	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_64QAM	18.75	2.23	20.98	125.31	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_256QAM	16.08	2.23	18.31	67.76	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_256QAM	16.12	2.23	18.35	68.39	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_256QAM	16.19	2.23	18.42	69.5	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_256QAM	16.31	2.23	18.54	71.45	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_BPSK	22.16	2.23	24.39	274.79	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_BPSK	22.88	2.23	25.11	324.34	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_BPSK	22.59	2.23	24.82	303.39	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_BPSK	22.42	2.23	24.65	291.74	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_QPSK	21.7	2.23	23.93	247.17	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_QPSK	22.91	2.23	25.14	326.59	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_QPSK	22.47	2.23	24.7	295.12	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_16QAM	20.75	2.23	22.98	198.61	2000	PASS

DC_5A_n41A	30	50	532998	64@32	DFT_16QAM	21.8	2.23	24.03	252.93	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_16QAM	21.3	2.23	23.53	225.42	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_16QAM	21.19	2.23	23.42	219.79	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_64QAM	20.25	2.23	22.48	177.01	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_64QAM	20.39	2.23	22.62	182.81	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_64QAM	20.02	2.23	22.25	167.88	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_64QAM	19.95	2.23	22.18	165.2	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_256QAM	18.26	2.23	20.49	111.94	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_256QAM	18.38	2.23	20.61	115.08	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_256QAM	18.15	2.23	20.38	109.14	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_QPSK	19.63	2.23	21.86	153.46	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_QPSK	21.27	2.23	23.5	223.87	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_QPSK	21.02	2.23	23.25	211.35	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_QPSK	20.97	2.23	23.2	208.93	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_16QAM	19.67	2.23	21.9	154.88	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_16QAM	20.86	2.23	23.09	203.7	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_16QAM	20.37	2.23	22.6	181.97	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_16QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_64QAM	19.19	2.23	21.42	138.68	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_64QAM	19.35	2.23	21.58	143.88	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_64QAM	18.82	2.23	21.05	127.35	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_64QAM	18.7	2.23	20.93	123.88	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_256QAM	16.38	2.23	18.61	72.61	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_256QAM	16.39	2.23	18.62	72.78	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_256QAM	16.25	2.23	18.48	70.47	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_BPSK	22.11	2.23	24.34	271.64	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_BPSK	22.66	2.23	24.89	308.32	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_BPSK	22.5	2.23	24.73	297.17	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_QPSK	21.62	2.23	23.85	242.66	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_QPSK	22.69	2.23	24.92	310.46	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_QPSK	22.39	2.23	24.62	289.73	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_QPSK	22.41	2.23	24.64	291.07	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_16QAM	20.66	2.23	22.89	194.54	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_16QAM	21.72	2.23	23.95	248.31	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_16QAM	21.22	2.23	23.45	221.31	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_16QAM	21.26	2.23	23.49	223.36	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_64QAM	20.17	2.23	22.4	173.78	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_64QAM	20.27	2.23	22.5	177.83	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_64QAM	20.07	2.23	22.3	169.82	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS

DC_5A_n41A	30	60	505200	162@0	DFT_256QAM	18.06	2.23	20.29	106.91	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_256QAM	18.12	2.23	20.35	108.39	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_256QAM	18.16	2.23	20.39	109.4	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_QPSK	19.66	2.23	21.89	154.53	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_QPSK	21.2	2.23	23.43	220.29	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_QPSK	20.91	2.23	23.14	206.06	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_QPSK	20.96	2.23	23.19	208.45	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_16QAM	19.65	2.23	21.88	154.17	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_16QAM	20.63	2.23	22.86	193.2	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_16QAM	20.38	2.23	22.61	182.39	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_16QAM	20.4	2.23	22.63	183.23	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_64QAM	19.06	2.23	21.29	134.59	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_64QAM	19.19	2.23	21.42	138.68	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_64QAM	18.73	2.23	20.96	124.74	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_64QAM	18.71	2.23	20.94	124.17	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_256QAM	16.1	2.23	18.33	68.08	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_256QAM	16.14	2.23	18.37	68.71	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_256QAM	16.4	2.23	18.63	72.95	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_256QAM	16.25	2.23	18.48	70.47	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_BPSK	22.06	2.23	24.29	268.53	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_BPSK	22.51	2.23	24.74	297.85	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_BPSK	22.51	2.23	24.74	297.85	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_BPSK	22.64	2.23	24.87	306.9	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_QPSK	21.56	2.23	23.79	239.33	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_QPSK	22.52	2.23	24.75	298.54	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_QPSK	22.42	2.23	24.65	291.74	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_QPSK	22.54	2.23	24.77	299.92	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_16QAM	20.5	2.23	22.73	187.5	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_16QAM	21.59	2.23	23.82	240.99	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_16QAM	21.25	2.23	23.48	222.84	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_16QAM	21.39	2.23	23.62	230.14	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_64QAM	20.03	2.23	22.26	168.27	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_64QAM	19.97	2.23	22.2	165.96	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_256QAM	18.02	2.23	20.25	105.93	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_256QAM	18.01	2.23	20.24	105.68	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_256QAM	18.25	2.23	20.48	111.69	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_QPSK	19.55	2.23	21.78	150.66	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_QPSK	20.99	2.23	23.22	209.89	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_QPSK	21.04	2.23	23.27	212.32	2000	PASS

DC_5A_n41A	30	60	518598	1@160	CP_QPSK	21.1	2.23	23.33	215.28	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_16QAM	19.51	2.23	21.74	149.28	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_16QAM	20.51	2.23	22.74	187.93	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_16QAM	20.39	2.23	22.62	182.81	2000	PASS
DC_5A_n41A	30	60	518598	1@160	CP_16QAM	20.49	2.23	22.72	187.07	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_64QAM	19.03	2.23	21.26	133.66	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_64QAM	19.06	2.23	21.29	134.59	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_64QAM	18.72	2.23	20.95	124.45	2000	PASS
DC_5A_n41A	30	60	518598	1@160	CP_64QAM	18.94	2.23	21.17	130.92	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_256QAM	16.06	2.23	18.29	67.45	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_256QAM	16.53	2.23	18.76	75.16	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_256QAM	16.24	2.23	18.47	70.31	2000	PASS
DC_5A_n41A	30	60	518598	1@160	CP_256QAM	16.45	2.23	18.68	73.79	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_BPSK	22.15	2.23	24.38	274.16	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_BPSK	22.79	2.23	25.02	317.69	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_BPSK	22.7	2.23	24.93	311.17	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_BPSK	22.47	2.23	24.7	295.12	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_QPSK	21.65	2.23	23.88	244.34	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_QPSK	22.79	2.23	25.02	317.69	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_QPSK	22.59	2.23	24.82	303.39	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_QPSK	22.4	2.23	24.63	290.4	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_16QAM	20.72	2.23	22.95	197.24	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_16QAM	21.82	2.23	24.05	254.1	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_16QAM	21.4	2.23	23.63	230.67	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_16QAM	21.26	2.23	23.49	223.36	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_64QAM	20.27	2.23	22.5	177.83	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_64QAM	20.41	2.23	22.64	183.65	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_64QAM	20.15	2.23	22.38	172.98	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_64QAM	19.95	2.23	22.18	165.2	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_256QAM	18.25	2.23	20.48	111.69	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_256QAM	18.33	2.23	20.56	113.76	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_256QAM	18.32	2.23	20.55	113.5	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_QPSK	19.68	2.23	21.91	155.24	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_QPSK	21.34	2.23	23.57	227.51	2000	PASS
DC_5A_n41A	30	60	531996	1@1	CP_QPSK	21.16	2.23	23.39	218.27	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_QPSK	20.91	2.23	23.14	206.06	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_16QAM	19.65	2.23	21.88	154.17	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_16QAM	20.75	2.23	22.98	198.61	2000	PASS
DC_5A_n41A	30	60	531996	1@1	CP_16QAM	20.54	2.23	22.77	189.23	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_16QAM	20.36	2.23	22.59	181.55	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_64QAM	19.23	2.23	21.46	139.96	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_64QAM	19.4	2.23	21.63	145.55	2000	PASS

DC_5A_n41A	30	60	531996	1@1	CP_64QAM	19.01	2.23	21.24	133.05	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_64QAM	18.65	2.23	20.88	122.46	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_256QAM	16.23	2.23	18.46	70.15	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_256QAM	16.33	2.23	18.56	71.78	2000	PASS
DC_5A_n41A	30	60	531996	1@1	CP_256QAM	16.56	2.23	18.79	75.68	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_256QAM	16.2	2.23	18.43	69.66	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_BPSK	22.13	2.23	24.36	272.9	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_BPSK	22.68	2.23	24.91	309.74	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_BPSK	22.79	2.23	25.02	317.69	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_BPSK	22.48	2.23	24.71	295.8	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_QPSK	21.64	2.23	23.87	243.78	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_QPSK	22.73	2.23	24.96	313.33	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_QPSK	22.53	2.23	24.76	299.23	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_QPSK	22.42	2.23	24.65	291.74	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_16QAM	20.68	2.23	22.91	195.43	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_16QAM	21.76	2.23	23.99	250.61	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_16QAM	21.46	2.23	23.69	233.88	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_16QAM	21.24	2.23	23.47	222.33	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_64QAM	20.22	2.23	22.45	175.79	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_64QAM	20.25	2.23	22.48	177.01	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_64QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_64QAM	20.1	2.23	22.33	171	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_256QAM	18.12	2.23	20.35	108.39	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_256QAM	18.19	2.23	20.42	110.15	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_256QAM	18.2	2.23	20.43	110.41	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_256QAM	17.99	2.23	20.22	105.2	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_QPSK	19.6	2.23	21.83	152.41	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_QPSK	21.12	2.23	23.35	216.27	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_QPSK	21.12	2.23	23.35	216.27	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_QPSK	21.02	2.23	23.25	211.35	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_16QAM	19.59	2.23	21.82	152.05	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_16QAM	20.72	2.23	22.95	197.24	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_16QAM	20.56	2.23	22.79	190.11	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_16QAM	20.49	2.23	22.72	187.07	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_64QAM	19.09	2.23	21.32	135.52	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_64QAM	19.18	2.23	21.41	138.36	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_64QAM	18.84	2.23	21.07	127.94	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_64QAM	18.66	2.23	20.89	122.74	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_256QAM	16.12	2.23	18.35	68.39	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_256QAM	16.4	2.23	18.63	72.95	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_256QAM	16.23	2.23	18.46	70.15	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_BPSK	22.2	2.23	24.43	277.33	2000	PASS

DC_5A_n41A	30	80	518598	108@54	DFT_BPSK	22.61	2.23	24.84	304.79	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_BPSK	22.52	2.23	24.75	298.54	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_BPSK	22.84	2.23	25.07	321.37	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_QPSK	21.66	2.23	23.89	244.91	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_QPSK	22.55	2.23	24.78	300.61	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_QPSK	22.44	2.23	24.67	293.09	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_QPSK	22.76	2.23	24.99	315.5	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_16QAM	20.63	2.23	22.86	193.2	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_16QAM	21.61	2.23	23.84	242.1	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_16QAM	21.24	2.23	23.47	222.33	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_16QAM	21.59	2.23	23.82	240.99	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_64QAM	20.12	2.23	22.35	171.79	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_64QAM	20.14	2.23	22.37	172.58	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_64QAM	20.38	2.23	22.61	182.39	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_256QAM	18.14	2.23	20.37	108.89	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_256QAM	18.09	2.23	20.32	107.65	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_256QAM	18.44	2.23	20.67	116.68	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_QPSK	19.62	2.23	21.85	153.11	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_QPSK	21.03	2.23	23.26	211.84	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_QPSK	21.08	2.23	23.31	214.29	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_QPSK	21.28	2.23	23.51	224.39	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_16QAM	19.63	2.23	21.86	153.46	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_16QAM	20.55	2.23	22.78	189.67	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_16QAM	20.48	2.23	22.71	186.64	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_16QAM	20.87	2.23	23.1	204.17	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_64QAM	19.11	2.23	21.34	136.14	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_64QAM	19.06	2.23	21.29	134.59	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_64QAM	18.74	2.23	20.97	125.03	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_64QAM	19.1	2.23	21.33	135.83	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_256QAM	16.2	2.23	18.43	69.66	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_256QAM	16.11	2.23	18.34	68.23	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_256QAM	16.31	2.23	18.54	71.45	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_256QAM	16.69	2.23	18.92	77.98	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_BPSK	22.17	2.23	24.4	275.42	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_BPSK	22.91	2.23	25.14	326.59	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_BPSK	22.37	2.23	24.6	288.4	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_BPSK	22.56	2.23	24.79	301.3	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_QPSK	21.72	2.23	23.95	248.31	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_QPSK	22.95	2.23	25.18	329.61	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_QPSK	22.32	2.23	24.55	285.1	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_QPSK	22.49	2.23	24.72	296.48	2000	PASS

DC_5A_n41A	30	80	529998	216@0	DFT_16QAM	20.76	2.23	22.99	199.07	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_16QAM	22	2.23	24.23	264.85	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_16QAM	21.18	2.23	23.41	219.28	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_16QAM	21.3	2.23	23.53	225.42	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_64QAM	20.3	2.23	22.53	179.06	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_64QAM	20.45	2.23	22.68	185.35	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_64QAM	19.9	2.23	22.13	163.31	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_64QAM	20.17	2.23	22.4	173.78	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_256QAM	18.27	2.23	20.5	112.2	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_256QAM	18.4	2.23	20.63	115.61	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_256QAM	18.03	2.23	20.26	106.17	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_256QAM	18.08	2.23	20.31	107.4	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_QPSK	19.73	2.23	21.96	157.04	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_QPSK	21.38	2.23	23.61	229.61	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_QPSK	20.92	2.23	23.15	206.54	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_QPSK	21.06	2.23	23.29	213.3	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_16QAM	19.74	2.23	21.97	157.4	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_16QAM	20.94	2.23	23.17	207.49	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_16QAM	20.4	2.23	22.63	183.23	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_16QAM	20.45	2.23	22.68	185.35	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_64QAM	19.2	2.23	21.43	139	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_64QAM	19.39	2.23	21.62	145.21	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_64QAM	18.67	2.23	20.9	123.03	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_64QAM	18.74	2.23	20.97	125.03	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_256QAM	16.26	2.23	18.49	70.63	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_256QAM	16.42	2.23	18.65	73.28	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_256QAM	16.2	2.23	18.43	69.66	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_256QAM	16.29	2.23	18.52	71.12	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_BPSK	22.19	2.23	24.42	276.69	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_BPSK	22.76	2.23	24.99	315.5	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_BPSK	22.82	2.23	25.05	319.89	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_BPSK	22.49	2.23	24.72	296.48	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_QPSK	21.71	2.23	23.94	247.74	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_QPSK	22.77	2.23	25	316.23	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_QPSK	22.55	2.23	24.78	300.61	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_QPSK	22.46	2.23	24.69	294.44	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_16QAM	20.73	2.23	22.96	197.7	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_16QAM	21.8	2.23	24.03	252.93	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_16QAM	21.52	2.23	23.75	237.14	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_16QAM	21.28	2.23	23.51	224.39	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_64QAM	20.22	2.23	22.45	175.79	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_64QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_64QAM	20.24	2.23	22.47	176.6	2000	PASS

DC_5A_n41A	30	90	508200	1@243	DFT_64QAM	20.11	2.23	22.34	171.4	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_256QAM	18.17	2.23	20.4	109.65	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_256QAM	18.25	2.23	20.48	111.69	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_256QAM	18.25	2.23	20.48	111.69	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_256QAM	18.07	2.23	20.3	107.15	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_QPSK	19.64	2.23	21.87	153.82	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_QPSK	21.2	2.23	23.43	220.29	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_QPSK	21.19	2.23	23.42	219.79	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_QPSK	21.07	2.23	23.3	213.8	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_16QAM	19.6	2.23	21.83	152.41	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_16QAM	20.71	2.23	22.94	196.79	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_16QAM	20.61	2.23	22.84	192.31	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_16QAM	20.44	2.23	22.67	184.93	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_64QAM	19.11	2.23	21.34	136.14	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_64QAM	19.21	2.23	21.44	139.32	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_64QAM	18.96	2.23	21.19	131.52	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_64QAM	18.76	2.23	20.99	125.6	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_256QAM	16.19	2.23	18.42	69.5	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_256QAM	16.24	2.23	18.47	70.31	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_256QAM	16.47	2.23	18.7	74.13	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_256QAM	16.27	2.23	18.5	70.79	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_BPSK	22.15	2.23	24.38	274.16	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_BPSK	22.6	2.23	24.83	304.09	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_BPSK	22.49	2.23	24.72	296.48	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_BPSK	22.78	2.23	25.01	316.96	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_QPSK	21.7	2.23	23.93	247.17	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_QPSK	22.62	2.23	24.85	305.49	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_QPSK	22.37	2.23	24.6	288.4	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_QPSK	22.69	2.23	24.92	310.46	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_16QAM	20.72	2.23	22.95	197.24	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_16QAM	21.63	2.23	23.86	243.22	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_16QAM	21.14	2.23	23.37	217.27	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_16QAM	21.55	2.23	23.78	238.78	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_64QAM	20.25	2.23	22.48	177.01	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_64QAM	20.16	2.23	22.39	173.38	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_64QAM	20.05	2.23	22.28	169.04	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_64QAM	20.39	2.23	22.62	182.81	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_256QAM	18.19	2.23	20.42	110.15	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_256QAM	18.08	2.23	20.31	107.4	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_256QAM	17.98	2.23	20.21	104.95	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_256QAM	18.36	2.23	20.59	114.55	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_QPSK	19.66	2.23	21.89	154.53	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_QPSK	21.06	2.23	23.29	213.3	2000	PASS

DC_5A_n41A	30	90	518598	1@1	CP_QPSK	21.1	2.23	23.33	215.28	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_QPSK	21.41	2.23	23.64	231.21	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_16QAM	19.64	2.23	21.87	153.82	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_16QAM	20.56	2.23	22.79	190.11	2000	PASS
DC_5A_n41A	30	90	518598	1@1	CP_16QAM	20.42	2.23	22.65	184.08	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_16QAM	20.84	2.23	23.07	202.77	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_64QAM	19.17	2.23	21.4	138.04	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_64QAM	19.08	2.23	21.31	135.21	2000	PASS
DC_5A_n41A	30	90	518598	1@1	CP_64QAM	18.64	2.23	20.87	122.18	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_64QAM	19.01	2.23	21.24	133.05	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_256QAM	16.2	2.23	18.43	69.66	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_256QAM	16.11	2.23	18.34	68.23	2000	PASS
DC_5A_n41A	30	90	518598	1@1	CP_256QAM	16.2	2.23	18.43	69.66	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_256QAM	16.55	2.23	18.78	75.51	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_BPSK	22.13	2.23	24.36	272.9	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_BPSK	22.94	2.23	25.17	328.85	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_BPSK	22.39	2.23	24.62	289.73	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_BPSK	22.55	2.23	24.78	300.61	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_QPSK	21.69	2.23	23.92	246.6	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_QPSK	22.95	2.23	25.18	329.61	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_QPSK	22.35	2.23	24.58	287.08	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_QPSK	22.48	2.23	24.71	295.8	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_16QAM	20.76	2.23	22.99	199.07	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_16QAM	21.94	2.23	24.17	261.22	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_16QAM	21.13	2.23	23.36	216.77	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_16QAM	21.31	2.23	23.54	225.94	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_64QAM	20.16	2.23	22.39	173.38	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_64QAM	20.37	2.23	22.6	181.97	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_64QAM	19.99	2.23	22.22	166.72	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_64QAM	20.25	2.23	22.48	177.01	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_256QAM	18.24	2.23	20.47	111.43	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_256QAM	18.42	2.23	20.65	116.14	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_QPSK	19.69	2.23	21.92	155.6	2000	PASS
DC_5A_n41A	30	90	528996	123@61	CP_QPSK	21.32	2.23	23.55	226.46	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_QPSK	21	2.23	23.23	210.38	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_QPSK	21.11	2.23	23.34	215.77	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_16QAM	19.66	2.23	21.89	154.53	2000	PASS
DC_5A_n41A	30	90	528996	123@61	CP_16QAM	20.87	2.23	23.1	204.17	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_16QAM	20.39	2.23	22.62	182.81	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_16QAM	20.65	2.23	22.88	194.09	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_64QAM	19.17	2.23	21.4	138.04	2000	PASS

DC_5A_n41A	30	90	528996	123@61	CP_64QAM	19.41	2.23	21.64	145.88	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_64QAM	18.62	2.23	20.85	121.62	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_64QAM	18.78	2.23	21.01	126.18	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_256QAM	16.26	2.23	18.49	70.63	2000	PASS
DC_5A_n41A	30	90	528996	123@61	CP_256QAM	16.46	2.23	18.69	73.96	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_256QAM	16.2	2.23	18.43	69.66	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_256QAM	16.3	2.23	18.53	71.29	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_BPSK	22.15	2.23	24.38	274.16	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_BPSK	22.73	2.23	24.96	313.33	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_BPSK	22.78	2.23	25.01	316.96	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_BPSK	22.54	2.23	24.77	299.92	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_QPSK	21.67	2.23	23.9	245.47	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_QPSK	22.74	2.23	24.97	314.05	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_QPSK	22.54	2.23	24.77	299.92	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_QPSK	22.5	2.23	24.73	297.17	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_16QAM	20.76	2.23	22.99	199.07	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_16QAM	21.78	2.23	24.01	251.77	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_16QAM	21.45	2.23	23.68	233.35	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_16QAM	21.42	2.23	23.65	231.74	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_64QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_64QAM	20.3	2.23	22.53	179.06	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_64QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_64QAM	20.06	2.23	22.29	169.43	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_256QAM	18.14	2.23	20.37	108.89	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_256QAM	18.25	2.23	20.48	111.69	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_256QAM	18.22	2.23	20.45	110.92	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_256QAM	18.06	2.23	20.29	106.91	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_QPSK	19.64	2.23	21.87	153.82	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_QPSK	21.13	2.23	23.36	216.77	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_QPSK	21.09	2.23	23.32	214.78	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_QPSK	21.09	2.23	23.32	214.78	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_16QAM	19.6	2.23	21.83	152.41	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_16QAM	20.73	2.23	22.96	197.7	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_16QAM	20.64	2.23	22.87	193.64	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_16QAM	20.52	2.23	22.75	188.36	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_64QAM	19.09	2.23	21.32	135.52	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_64QAM	19.17	2.23	21.4	138.04	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_64QAM	18.88	2.23	21.11	129.12	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_64QAM	18.76	2.23	20.99	125.6	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_256QAM	16.16	2.23	18.39	69.02	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_256QAM	16.21	2.23	18.44	69.82	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_256QAM	16.47	2.23	18.7	74.13	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_256QAM	16.32	2.23	18.55	71.61	2000	PASS

DC_5A_n41A	30	100	518598	270@0	DFT_BPSK	22.22	2.23	24.45	278.61	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_BPSK	22.57	2.23	24.8	302	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_BPSK	22.46	2.23	24.69	294.44	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_BPSK	22.79	2.23	25.02	317.69	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_QPSK	21.69	2.23	23.92	246.6	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_QPSK	22.55	2.23	24.78	300.61	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_QPSK	22.34	2.23	24.57	286.42	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_QPSK	22.66	2.23	24.89	308.32	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_16QAM	20.64	2.23	22.87	193.64	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_16QAM	21.57	2.23	23.8	239.88	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_16QAM	21.2	2.23	23.43	220.29	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_16QAM	21.53	2.23	23.76	237.68	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_64QAM	20.26	2.23	22.49	177.42	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_64QAM	20.12	2.23	22.35	171.79	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_64QAM	20.04	2.23	22.27	168.66	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_64QAM	20.46	2.23	22.69	185.78	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_256QAM	18.19	2.23	20.42	110.15	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_256QAM	18.1	2.23	20.33	107.89	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_256QAM	17.97	2.23	20.2	104.71	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_256QAM	18.24	2.23	20.47	111.43	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_QPSK	19.71	2.23	21.94	156.31	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_QPSK	21.03	2.23	23.26	211.84	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_QPSK	21.07	2.23	23.3	213.8	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_QPSK	21.36	2.23	23.59	228.56	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_16QAM	19.7	2.23	21.93	155.96	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_16QAM	20.61	2.23	22.84	192.31	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_16QAM	20.45	2.23	22.68	185.35	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_16QAM	20.77	2.23	23	199.53	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_64QAM	19.19	2.23	21.42	138.68	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_64QAM	19.08	2.23	21.31	135.21	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_64QAM	18.6	2.23	20.83	121.06	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_64QAM	18.93	2.23	21.16	130.62	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_256QAM	16.27	2.23	18.5	70.79	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_256QAM	16.15	2.23	18.38	68.87	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_256QAM	16.29	2.23	18.52	71.12	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_256QAM	16.46	2.23	18.69	73.96	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_BPSK	22.16	2.23	24.39	274.79	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_BPSK	22.82	2.23	25.05	319.89	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_BPSK	22.48	2.23	24.71	295.8	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_BPSK	22.47	2.23	24.7	295.12	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_QPSK	21.69	2.23	23.92	246.6	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_QPSK	22.85	2.23	25.08	322.11	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_QPSK	22.4	2.23	24.63	290.4	2000	PASS

DC_5A_n41A	30	100	528000	1@271	DFT_QPSK	22.4	2.23	24.63	290.4	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_16QAM	20.68	2.23	22.91	195.43	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_16QAM	21.88	2.23	24.11	257.63	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_16QAM	21.28	2.23	23.51	224.39	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_16QAM	21.23	2.23	23.46	221.82	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_64QAM	20.16	2.23	22.39	173.38	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_64QAM	20.42	2.23	22.65	184.08	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_64QAM	20.16	2.23	22.39	173.38	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_64QAM	20.11	2.23	22.34	171.4	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_256QAM	18.18	2.23	20.41	109.9	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_256QAM	18.39	2.23	20.62	115.35	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_256QAM	18	2.23	20.23	105.44	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_256QAM	17.97	2.23	20.2	104.71	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_QPSK	19.64	2.23	21.87	153.82	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_QPSK	21.34	2.23	23.57	227.51	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_QPSK	20.97	2.23	23.2	208.93	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_QPSK	20.99	2.23	23.22	209.89	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_16QAM	19.62	2.23	21.85	153.11	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_16QAM	20.94	2.23	23.17	207.49	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_16QAM	20.33	2.23	22.56	180.3	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_16QAM	20.54	2.23	22.77	189.23	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_64QAM	19.15	2.23	21.38	137.4	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_64QAM	19.33	2.23	21.56	143.22	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_64QAM	18.72	2.23	20.95	124.45	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_64QAM	18.68	2.23	20.91	123.31	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_256QAM	16.17	2.23	18.4	69.18	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_256QAM	16.42	2.23	18.65	73.28	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_256QAM	16.23	2.23	18.46	70.15	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_256QAM	16.22	2.23	18.45	69.98	2000	PASS

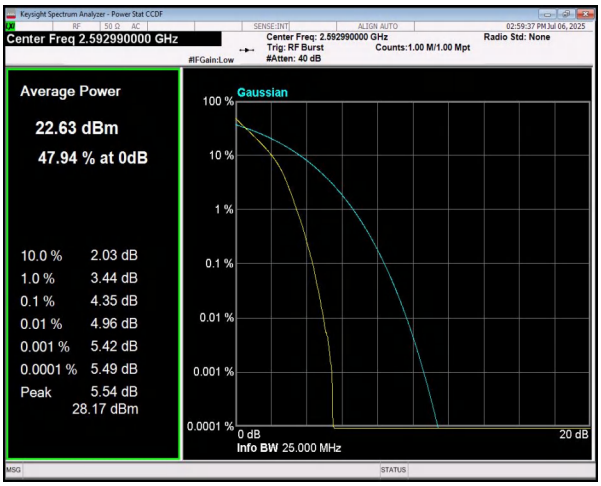
2. Frequency Stability

Temperature (℃)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	3.87	n41	30	100	518598	270@0	DFT_BPSK	0.7	0.00027	PASS
20	3	n41	30	100	518598	270@0	DFT_BPSK	-2.5	-0.00096	PASS
20	4.45	n41	30	100	518598	270@0	DFT_BPSK	-1.7	-0.00066	PASS
-30	3.87	n41	30	100	518598	270@0	DFT_BPSK	-4	-0.00154	PASS
-20	3.87	n41	30	100	518598	270@0	DFT_BPSK	5.9	0.00228	PASS
-10	3.87	n41	30	100	518598	270@0	DFT_BPSK	4.09	0.00158	PASS
0	3.87	n41	30	100	518598	270@0	DFT_BPSK	-7.7	-0.00297	PASS
10	3.87	n41	30	100	518598	270@0	DFT_BPSK	-0.4	-0.00015	PASS
30	3.87	n41	30	100	518598	270@0	DFT_BPSK	-25.5	-0.00983	PASS
40	3.87	n41	30	100	518598	270@0	DFT_BPSK	-4.7	-0.00181	PASS
50	3.87	n41	30	100	518598	270@0	DFT_BPSK	-4.4	-0.0017	PASS

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

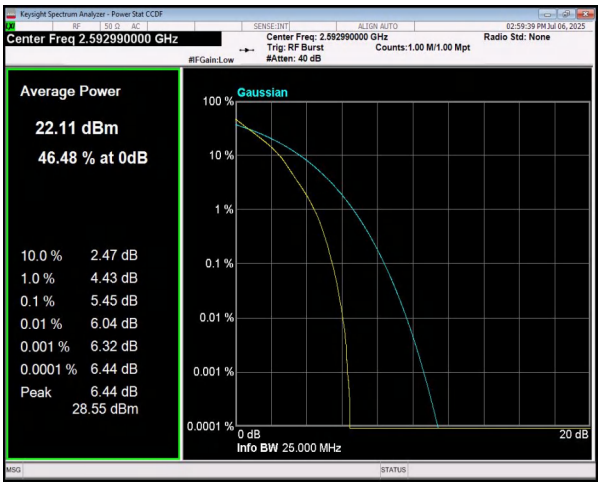
3. Peak-to-average Ratio

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n41	30	20	518598	50@0	DFT_BPSK	4.35	13	PASS
n41	30	20	518598	50@0	DFT_QPSK	5.45	13	PASS
n41	30	20	518598	50@0	DFT_16QAM	6.37	13	PASS
n41	30	20	518598	50@0	DFT_64QAM	6.49	13	PASS
n41	30	20	518598	50@0	DFT_256QAM	6.94	13	PASS



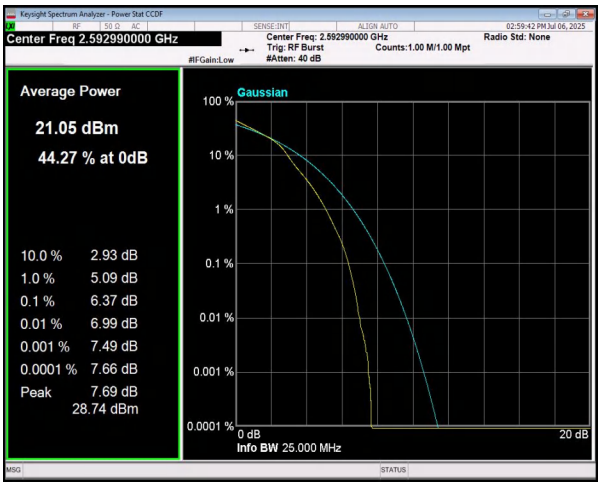
n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598

RB=50@0



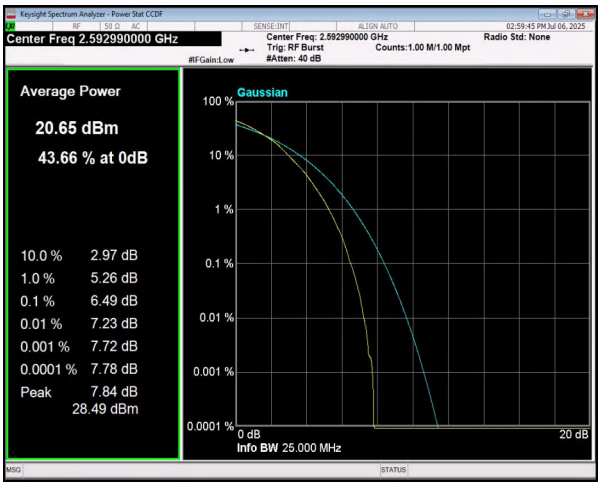
n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598

RB=50@0



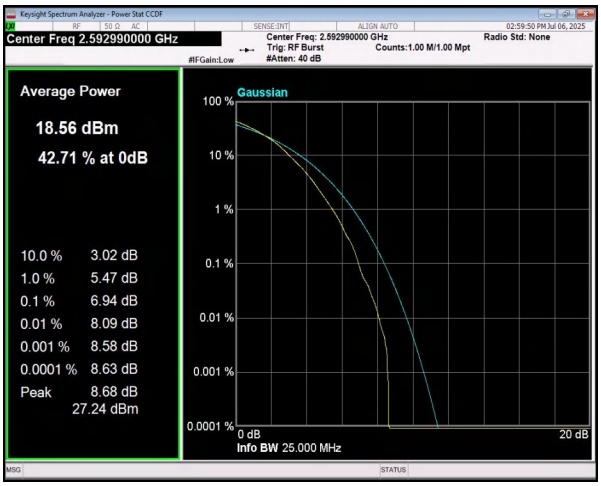
n41 SCS=30kHz DFT_16QAM BW=20MHz Channel=518598

RB=50@0



n41 SCS=30kHz DFT_64QAM BW=20MHz Channel=518598

RB=50@0



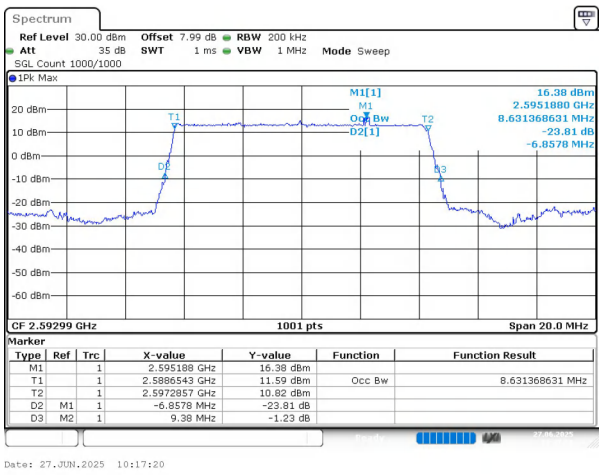
n41 SCS=30kHz DFT_256QAM BW=20MHz Channel=518598

RB=50@0

4. Occupied Bandwidth

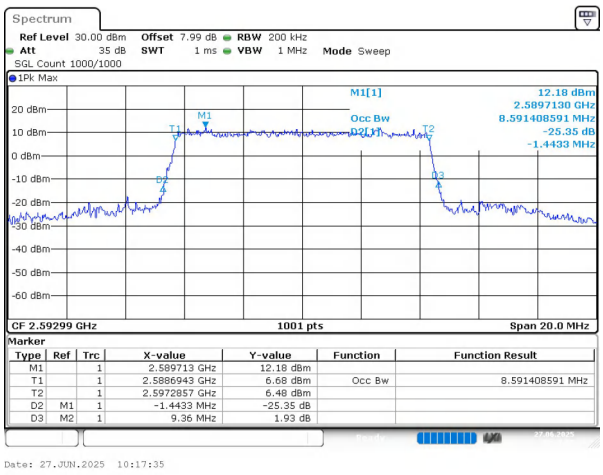
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	30	10	518598	2592.99	24@0	DFT_BPSK	8.631	9.380	PASS
n41	30	10	518598	2592.99	24@0	CP_QPSK	8.591	9.360	PASS
n41	30	10	518598	2592.99	24@0	CP_16QAM	8.611	9.380	PASS
n41	30	10	518598	2592.99	24@0	CP_64QAM	8.611	9.400	PASS
n41	30	10	518598	2592.99	24@0	CP_256QAM	8.631	9.460	PASS
n41	30	15	518598	2592.99	36@0	DFT_BPSK	12.947	13.920	PASS
n41	30	15	518598	2592.99	38@0	CP_QPSK	13.606	14.670	PASS
n41	30	15	518598	2592.99	38@0	CP_16QAM	13.606	14.670	PASS
n41	30	15	518598	2592.99	38@0	CP_64QAM	13.696	14.670	PASS
n41	30	15	518598	2592.99	38@0	CP_256QAM	13.636	14.610	PASS
n41	30	20	518598	2592.99	50@0	DFT_BPSK	18.062	19.160	PASS
n41	30	20	518598	2592.99	51@0	CP_QPSK	18.342	20.520	PASS
n41	30	20	518598	2592.99	51@0	CP_16QAM	18.342	19.560	PASS
n41	30	20	518598	2592.99	51@0	CP_64QAM	18.342	19.560	PASS
n41	30	20	518598	2592.99	51@0	CP_256QAM	18.302	19.520	PASS
n41	30	30	518598	2592.99	75@0	DFT_BPSK	27.273	29.340	PASS
n41	30	30	518598	2592.99	78@0	CP_QPSK	28.172	30.300	PASS
n41	30	30	518598	2592.99	78@0	CP_16QAM	28.352	30.420	PASS
n41	30	30	518598	2592.99	78@0	CP_64QAM	28.112	30.360	PASS
n41	30	30	518598	2592.99	78@0	CP_256QAM	28.232	30.420	PASS
n41	30	40	518598	2592.99	100@0	DFT_BPSK	36.044	38.240	PASS
n41	30	40	518598	2592.99	106@0	CP_QPSK	38.122	40.320	PASS
n41	30	40	518598	2592.99	106@0	CP_16QAM	38.122	40.480	PASS
n41	30	40	518598	2592.99	106@0	CP_64QAM	38.042	40.400	PASS
n41	30	40	518598	2592.99	106@0	CP_256QAM	38.122	40.480	PASS
n41	30	50	518598	2592.99	128@0	DFT_BPSK	45.854	48.300	PASS
n41	30	50	518598	2592.99	133@0	CP_QPSK	47.652	50.300	PASS
n41	30	50	518598	2592.99	133@0	CP_16QAM	47.652	50.100	PASS
n41	30	50	518598	2592.99	133@0	CP_64QAM	47.752	50.200	PASS
n41	30	50	518598	2592.99	133@0	CP_256QAM	47.652	50.100	PASS
n41	30	60	518598	2592.99	162@0	DFT_BPSK	58.501	62.520	PASS
n41	30	60	518598	2592.99	162@0	CP_QPSK	58.621	64.440	PASS
n41	30	60	518598	2592.99	162@0	CP_16QAM	58.621	63.000	PASS
n41	30	60	518598	2592.99	162@0	CP_64QAM	58.501	63.000	PASS
n41	30	60	518598	2592.99	162@0	CP_256QAM	58.501	63.000	PASS
n41	30	80	518598	2592.99	216@0	DFT_BPSK	77.682	82.240	PASS
n41	30	80	518598	2592.99	217@0	CP_QPSK	78.002	89.600	PASS
n41	30	80	518598	2592.99	217@0	CP_16QAM	78.002	82.400	PASS
n41	30	80	518598	2592.99	217@0	CP_64QAM	78.002	86.880	PASS

n41	30	80	518598	2592.99	217@0	CP_256QAM	78.162	82.720	PASS
n41	30	90	518598	2592.99	243@0	DFT_BPSK	87.393	91.980	PASS
n41	30	90	518598	2592.99	245@0	CP_QPSK	88.112	117.360	PASS
n41	30	90	518598	2592.99	245@0	CP_16QAM	87.932	92.700	PASS
n41	30	90	518598	2592.99	245@0	CP_64QAM	87.932	99.180	PASS
n41	30	90	518598	2592.99	245@0	CP_256QAM	88.112	92.700	PASS
n41	30	100	518598	2592.99	270@0	DFT_BPSK	96.903	101.800	PASS
n41	30	100	518598	2592.99	273@0	CP_QPSK	98.302	102.600	PASS
n41	30	100	518598	2592.99	273@0	CP_16QAM	98.102	103.400	PASS
n41	30	100	518598	2592.99	273@0	CP_64QAM	97.902	102.800	PASS
n41	30	100	518598	2592.99	273@0	CP_256QAM	97.902	102.800	PASS



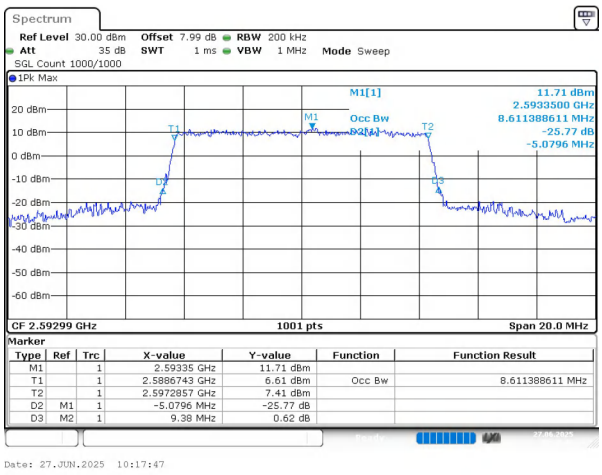
n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=518598

RB=24@0



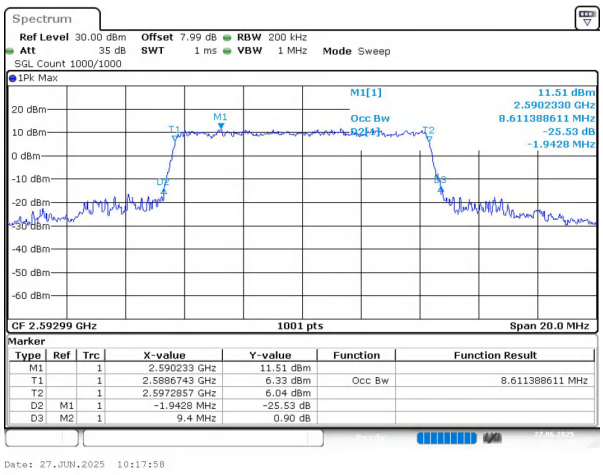
n41 SCS=30kHz CP_QPSK BW=10MHz Channel=518598

RB=24@0



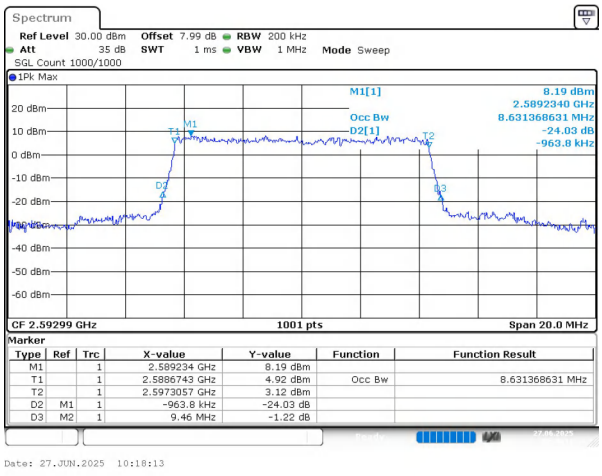
n41 SCS=30kHz CP_16QAM BW=10MHz Channel=518598

RB=24@0



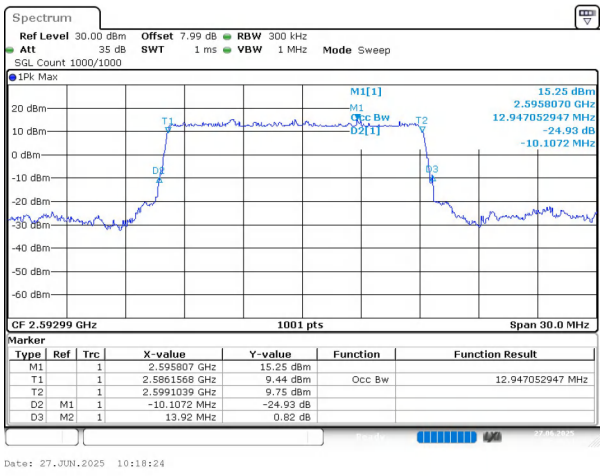
n41 SCS=30kHz CP_64QAM BW=10MHz Channel=518598

RB=24@0



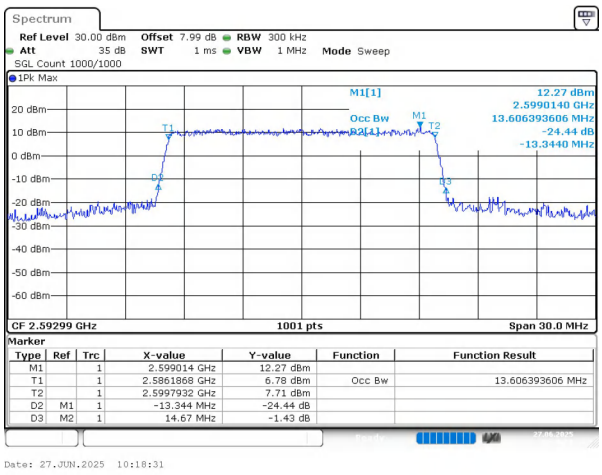
n41 SCS=30kHz CP_256QAM BW=10MHz Channel=518598

RB=24@0



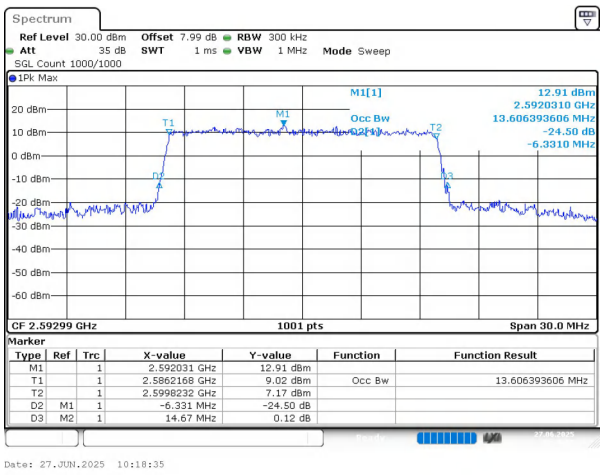
n41 SCS=30kHz DFT_BPSK BW=15MHz Channel=518598

RB=36@0



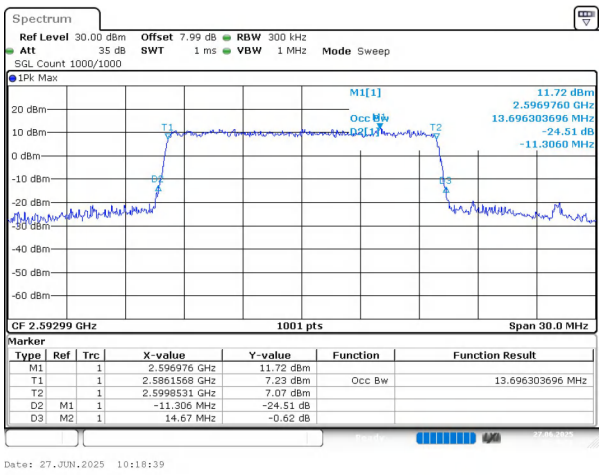
n41 SCS=30kHz CP_QPSK BW=15MHz Channel=518598

RB=38@0



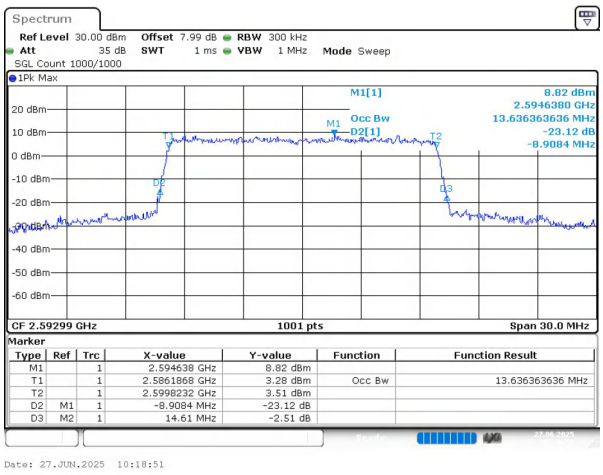
n41 SCS=30kHz CP_16QAM BW=15MHz Channel=518598

RB=38@0



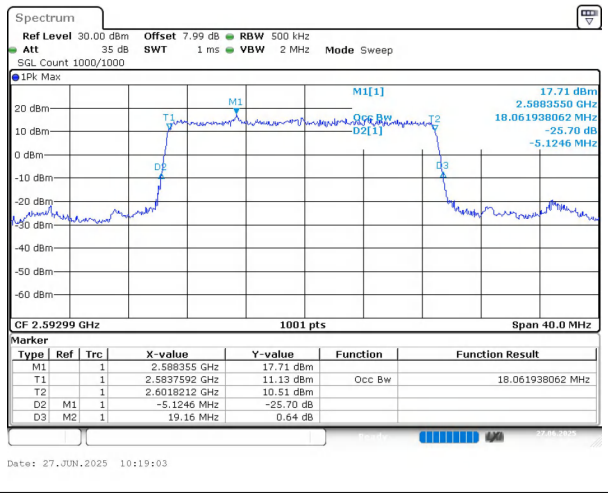
n41 SCS=30kHz CP_64QAM BW=15MHz Channel=518598

RB=38@0



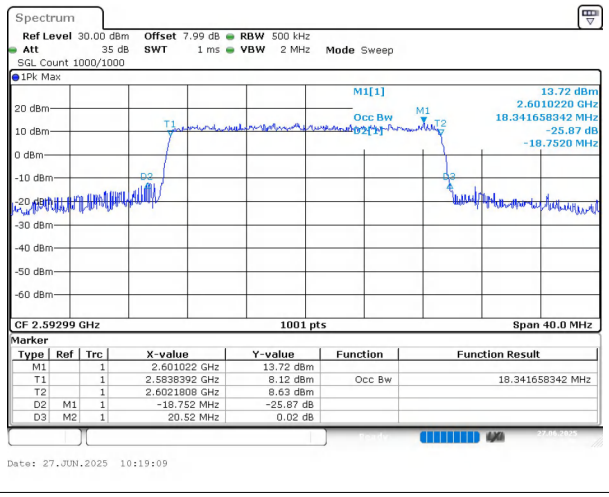
n41 SCS=30kHz CP_256QAM BW=15MHz Channel=518598

RB=38@0



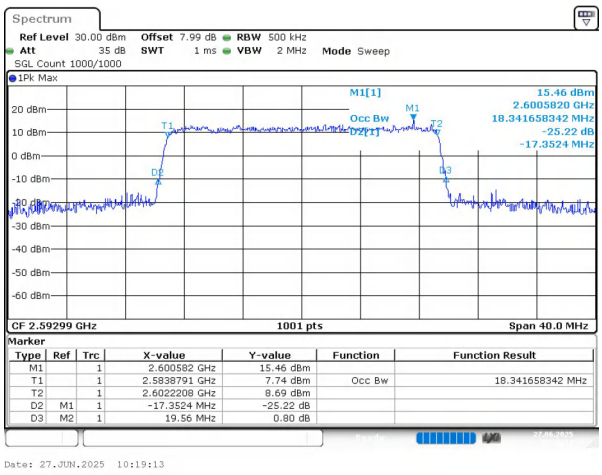
n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598

RB=50@0



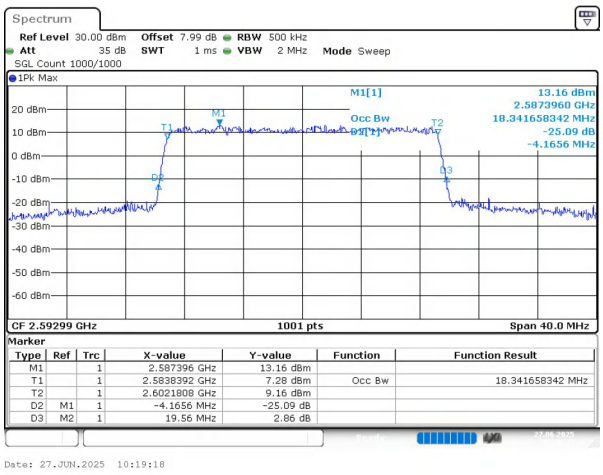
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598

RB=51@0



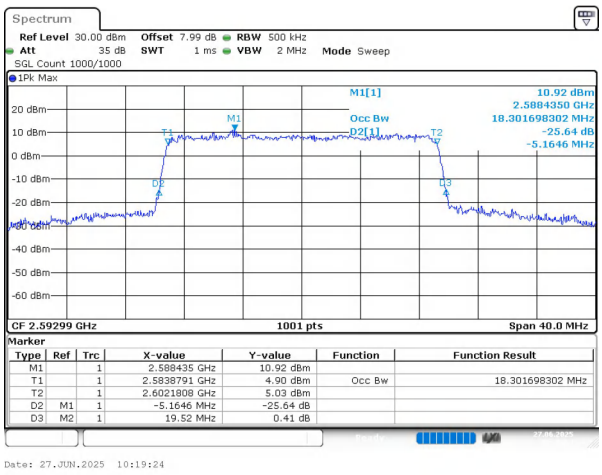
n41 SCS=30kHz CP_16QAM BW=20MHz Channel=518598

RB=51@0



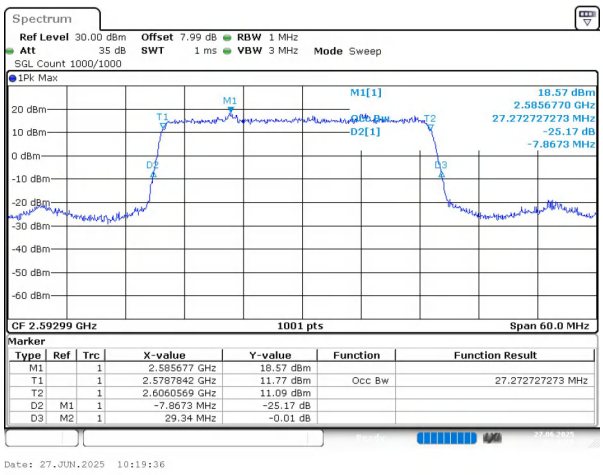
n41 SCS=30kHz CP_64QAM BW=20MHz Channel=518598

RB=51@0



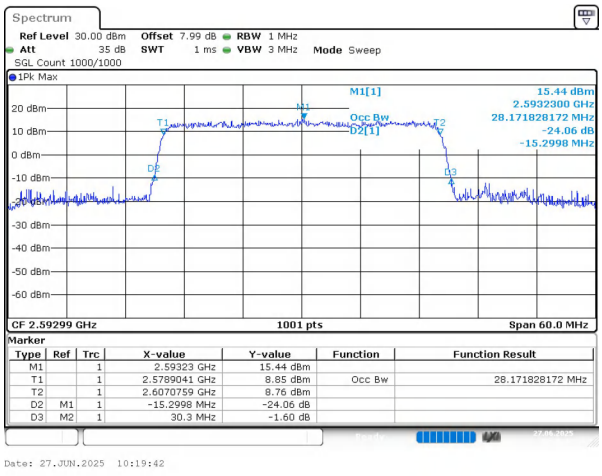
n41 SCS=30kHz CP_256QAM BW=20MHz Channel=518598

RB=51@0



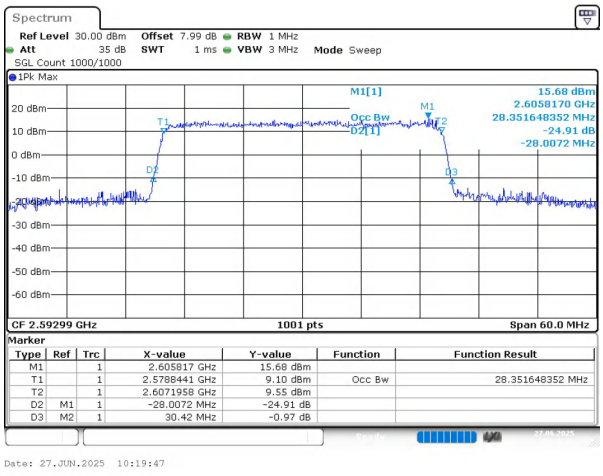
n41 SCS=30kHz DFT_BPSK BW=30MHz Channel=518598

RB=75@0



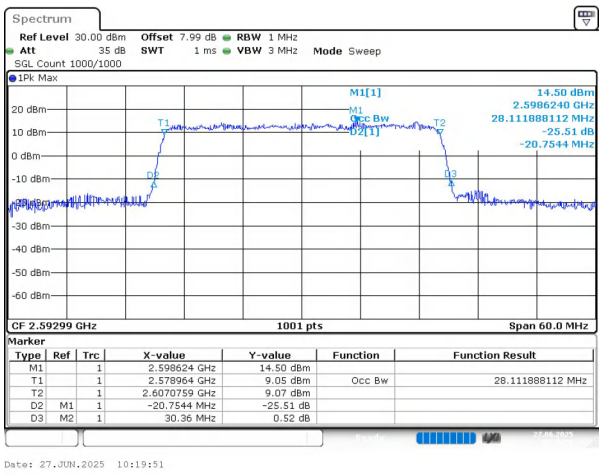
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598

RB=78@0



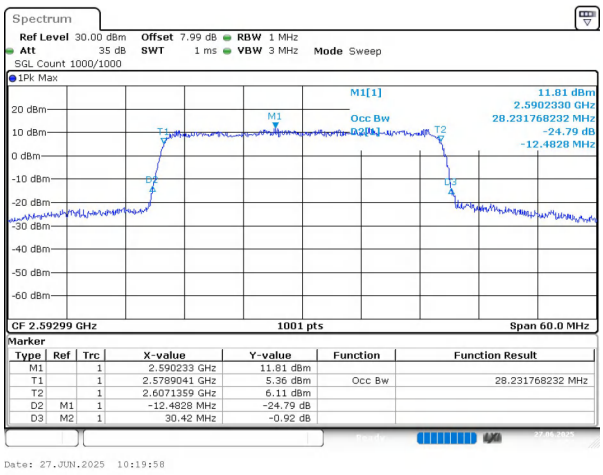
n41 SCS=30kHz CP_16QAM BW=30MHz Channel=518598

RB=78@0



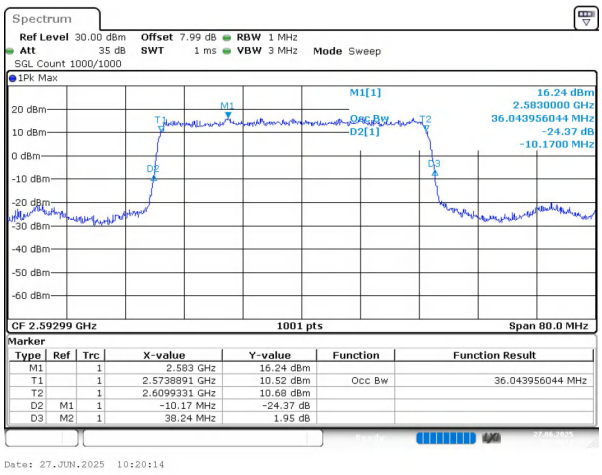
n41 SCS=30kHz CP_64QAM BW=30MHz Channel=518598

RB=78@0



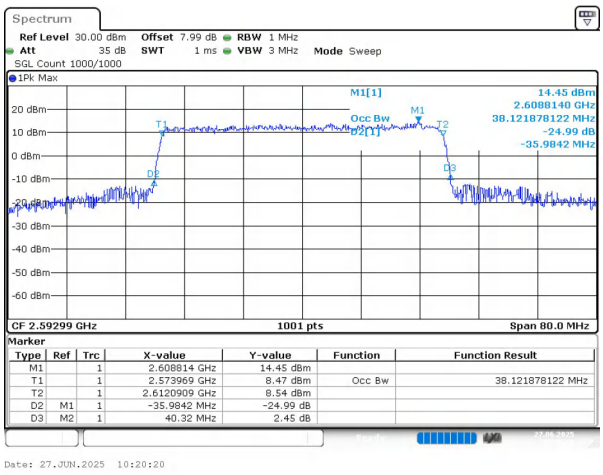
n41 SCS=30kHz CP_256QAM BW=30MHz Channel=518598

RB=78@0



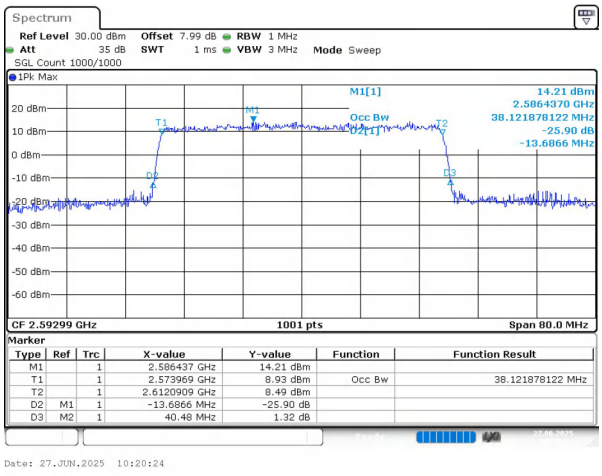
n41 SCS=30kHz DFT_BPSK BW=40MHz Channel=518598

RB=100@0



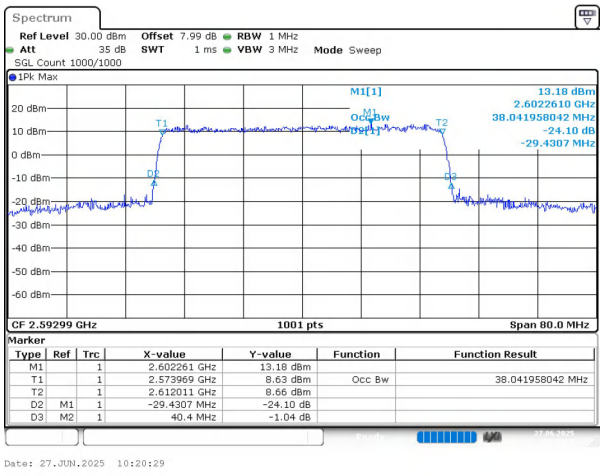
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=518598

RB=106@0



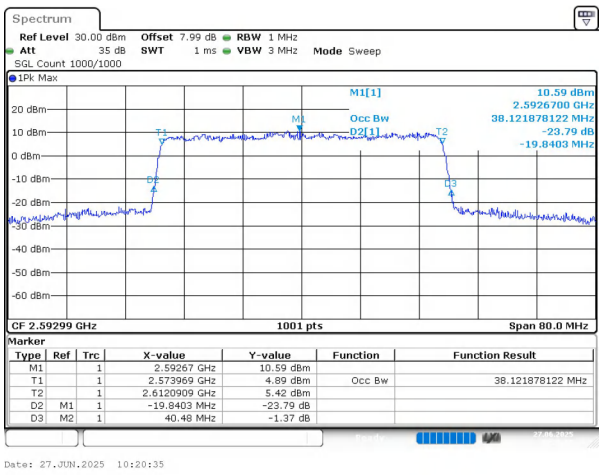
n41 SCS=30kHz CP_16QAM BW=40MHz Channel=518598

RB=106@0



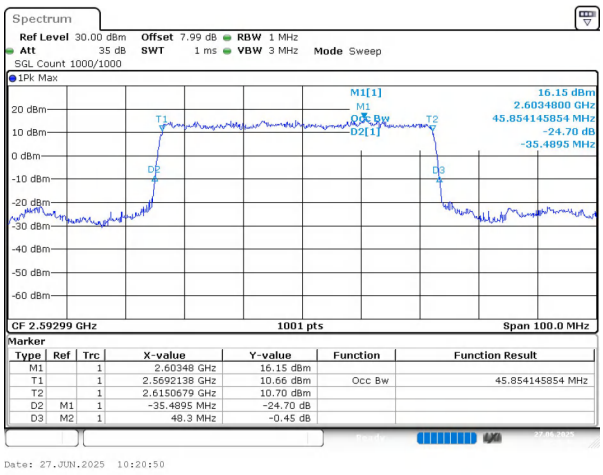
n41 SCS=30kHz CP_64QAM BW=40MHz Channel=518598

RB=106@0



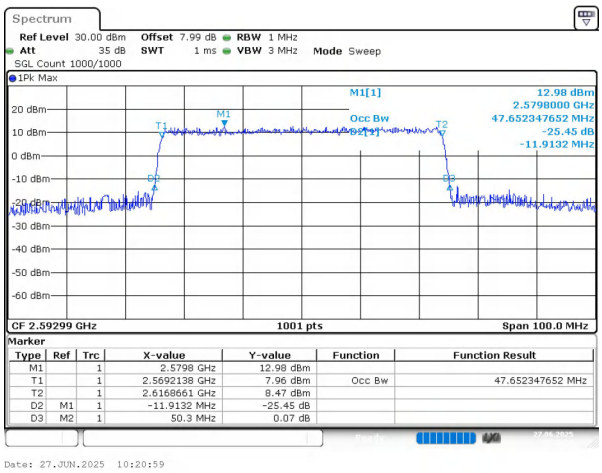
n41 SCS=30kHz CP_256QAM BW=40MHz Channel=518598

RB=106@0



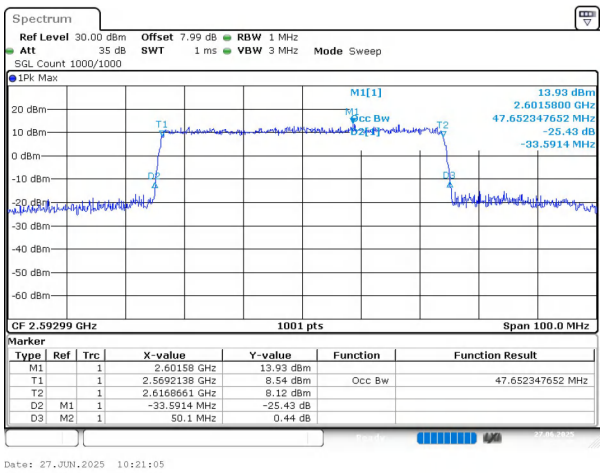
n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598

RB=128@0



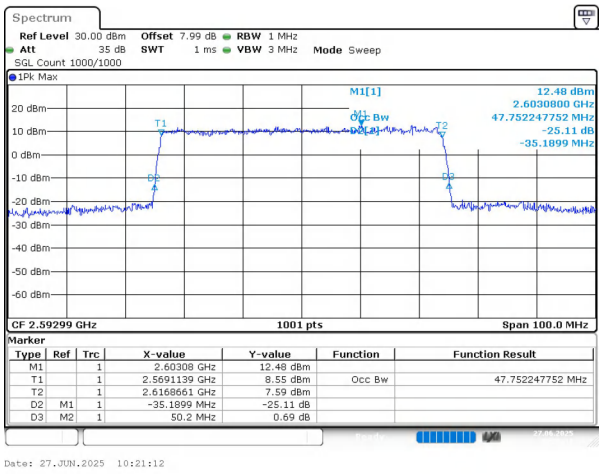
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=518598

RB=133@0



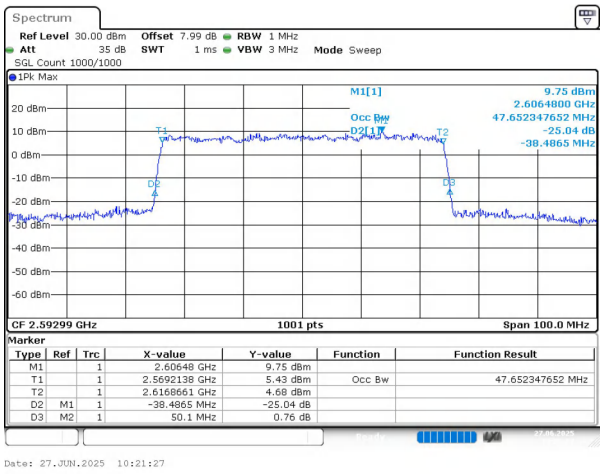
n41 SCS=30kHz CP_16QAM BW=50MHz Channel=518598

RB=133@0



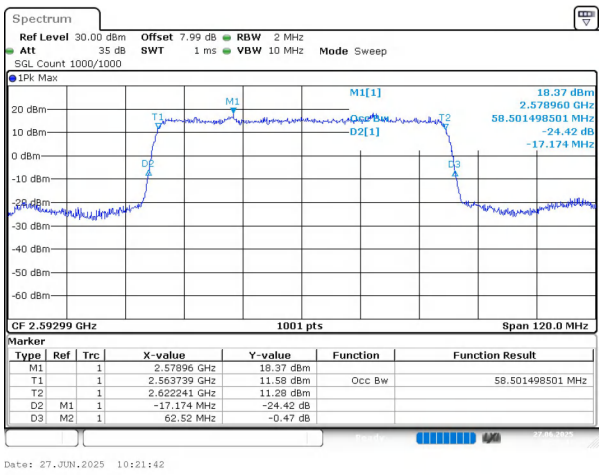
n41 SCS=30kHz CP_64QAM BW=50MHz Channel=518598

RB=133@0



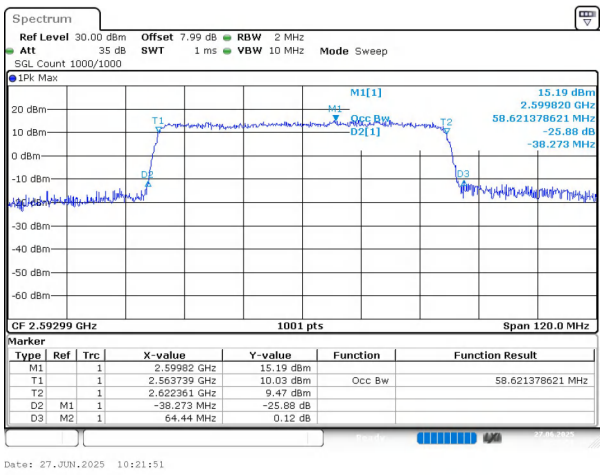
n41 SCS=30kHz CP_256QAM BW=50MHz Channel=518598

RB=133@0



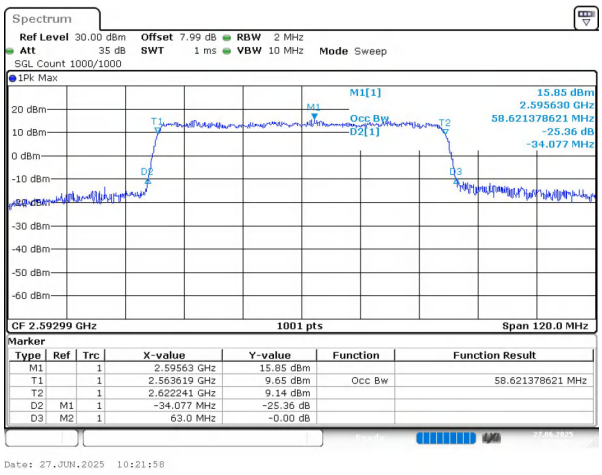
n41 SCS=30kHz DFT_BPSK BW=60MHz Channel=518598

RB=162@0



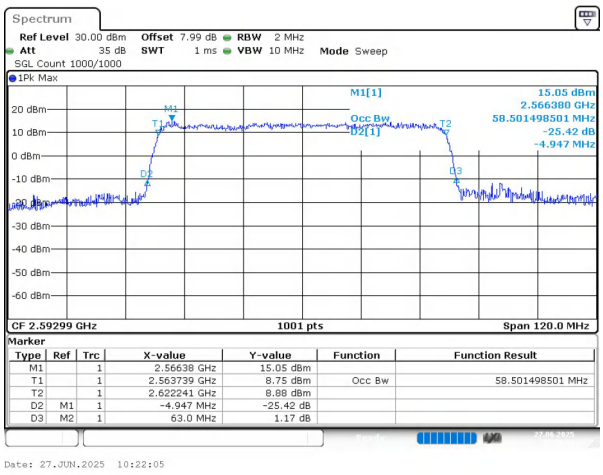
n41 SCS=30kHz CP_QPSK BW=60MHz Channel=518598

RB=162@0



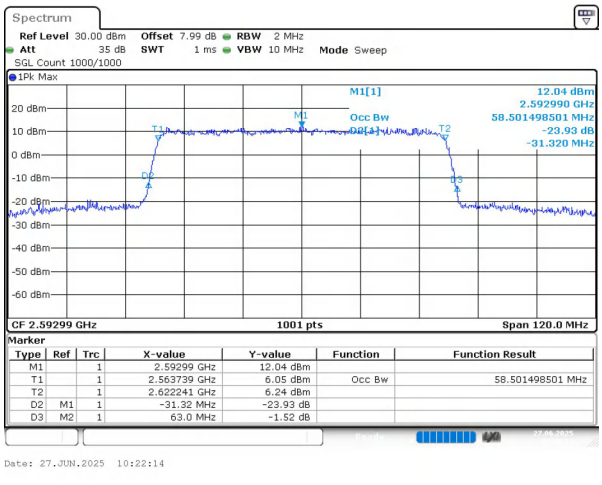
n41 SCS=30kHz CP_16QAM BW=60MHz Channel=518598

RB=162@0



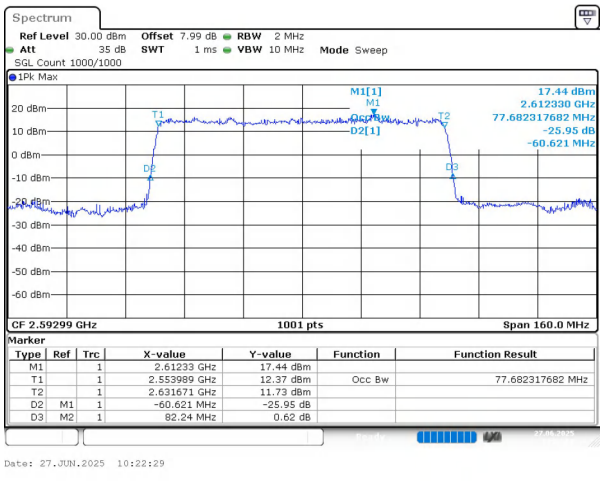
n41 SCS=30kHz CP_64QAM BW=60MHz Channel=518598

RB=162@0



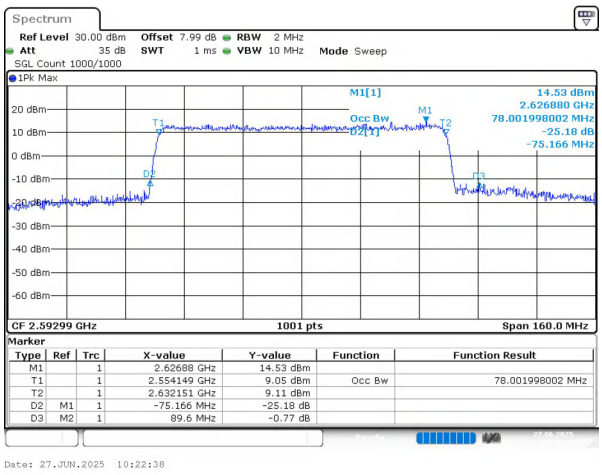
n41 SCS=30kHz CP_256QAM BW=60MHz Channel=518598

RB=162@0



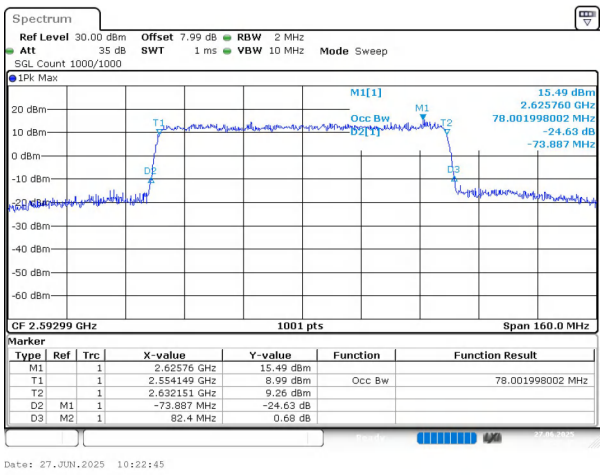
n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598

RB=216@0



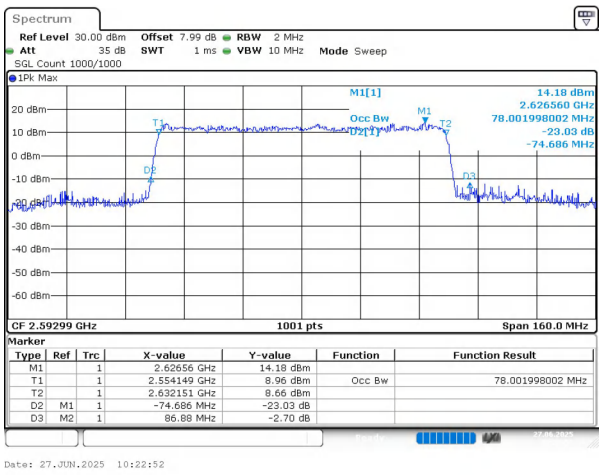
n41 SCS=30kHz CP_QPSK BW=80MHz Channel=518598

RB=217@0



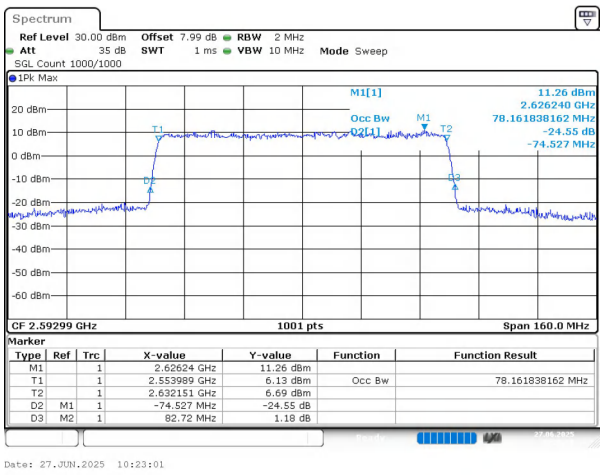
n41 SCS=30kHz CP_16QAM BW=80MHz Channel=518598

RB=217@0



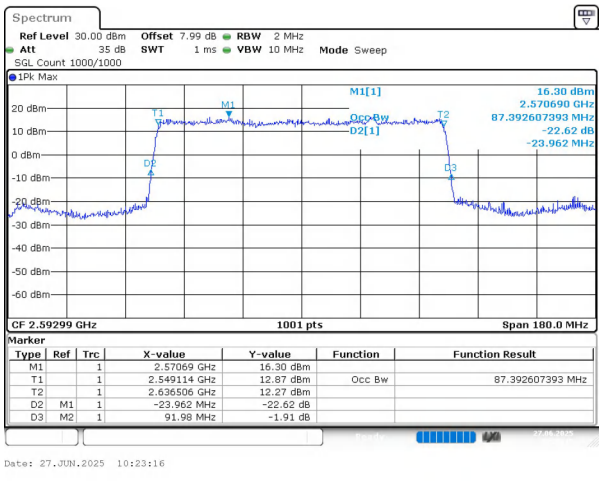
n41 SCS=30kHz CP_64QAM BW=80MHz Channel=518598

RB=217@0



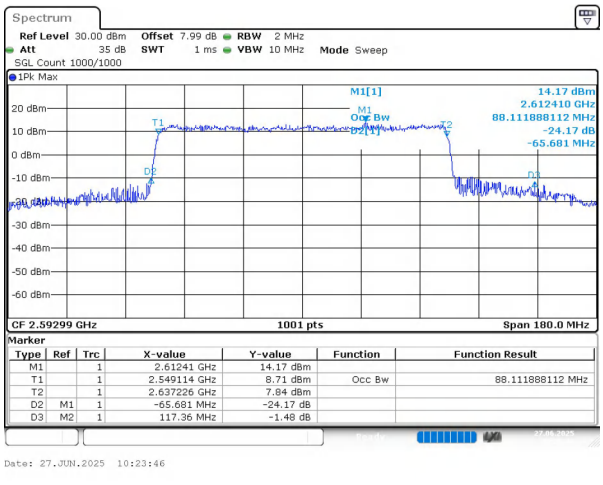
n41 SCS=30kHz CP_256QAM BW=80MHz Channel=518598

RB=217@0



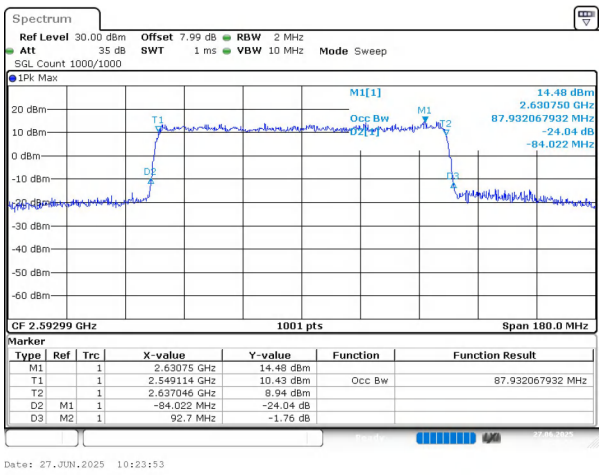
n41 SCS=30kHz DFT_BPSK BW=90MHz Channel=518598

RB=243@0



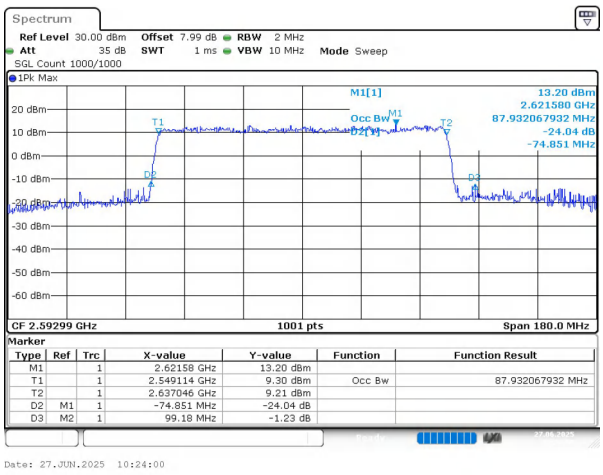
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598

RB=245@0



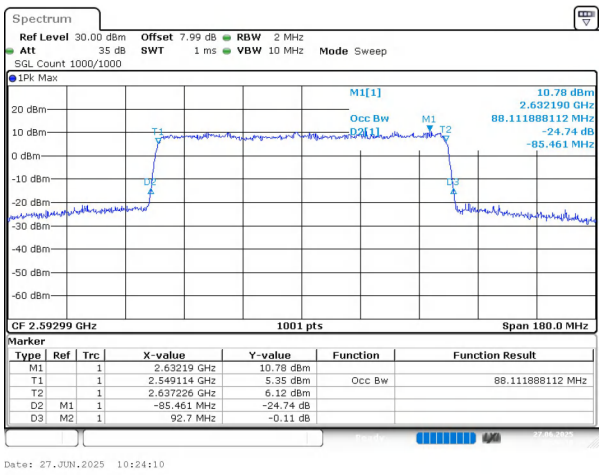
n41 SCS=30kHz CP_16QAM BW=90MHz Channel=518598

RB=245@0



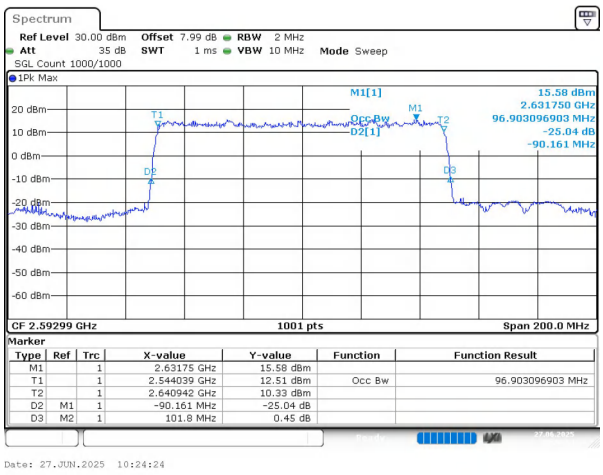
n41 SCS=30kHz CP_64QAM BW=90MHz Channel=518598

RB=245@0



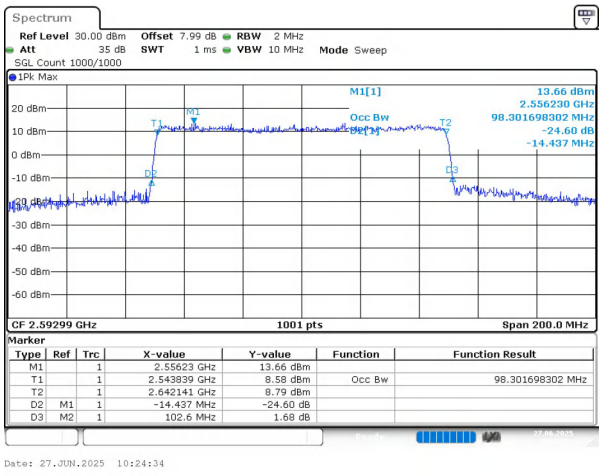
n41 SCS=30kHz CP_256QAM BW=90MHz Channel=518598

RB=245@0



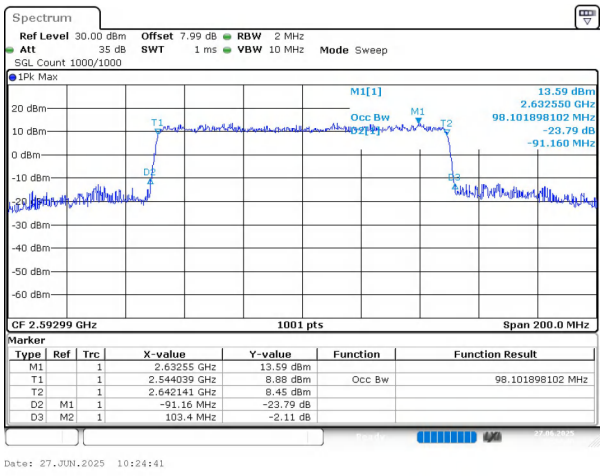
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598

RB=270@0



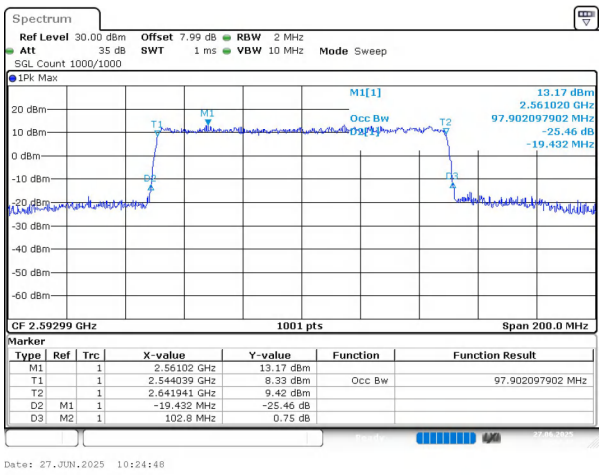
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598

RB=273@0



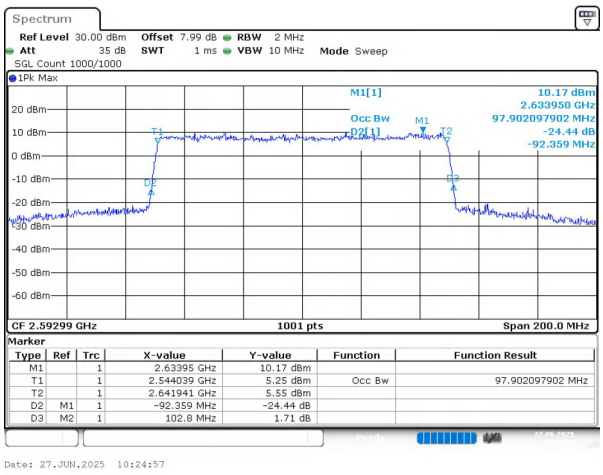
n41 SCS=30kHz CP_16QAM BW=100MHz Channel=518598

RB=273@0



n41 SCS=30kHz CP_64QAM BW=100MHz Channel=518598

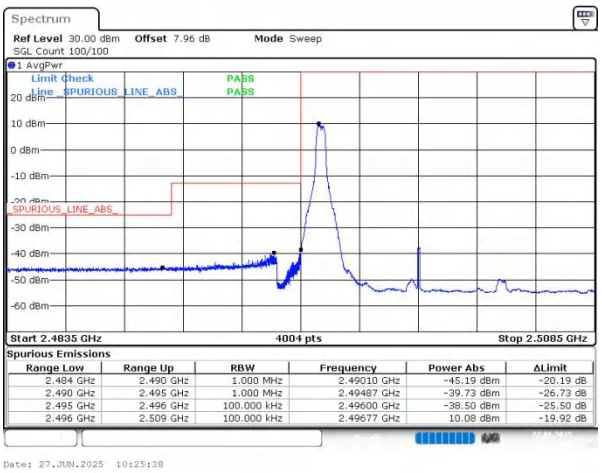
RB=273@0



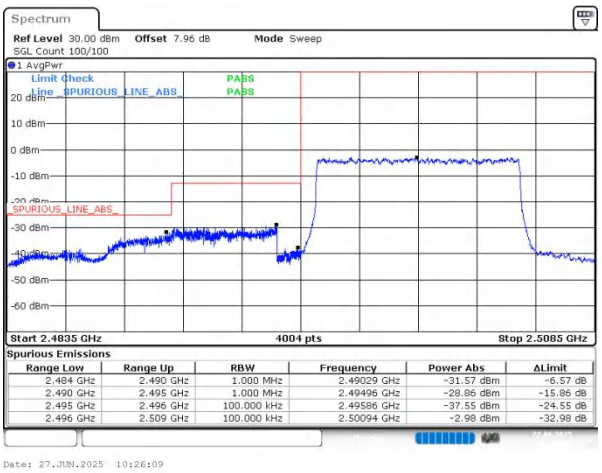
n41 SCS=30kHz CP_256QAM BW=100MHz Channel=518598

RB=273@0

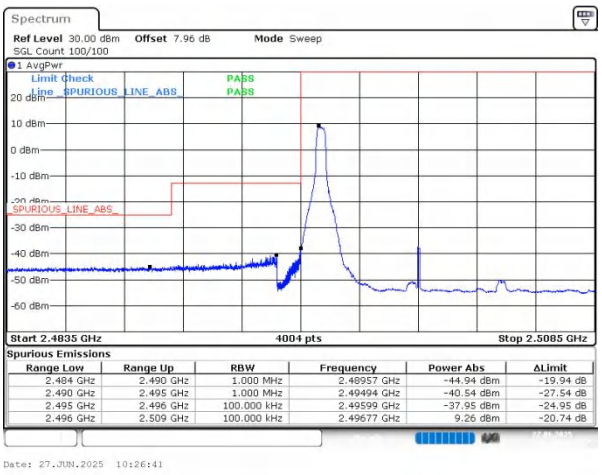
5. Conducted Band Edge



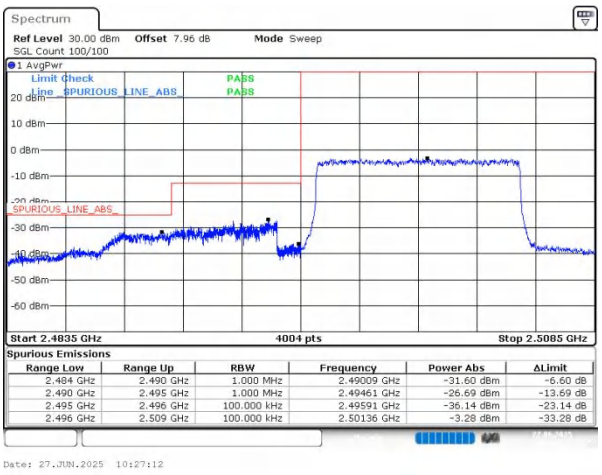
n41 SCS=30kHz DFT_BPSK BW=10MHz LowChannel=500202 RB=1@0



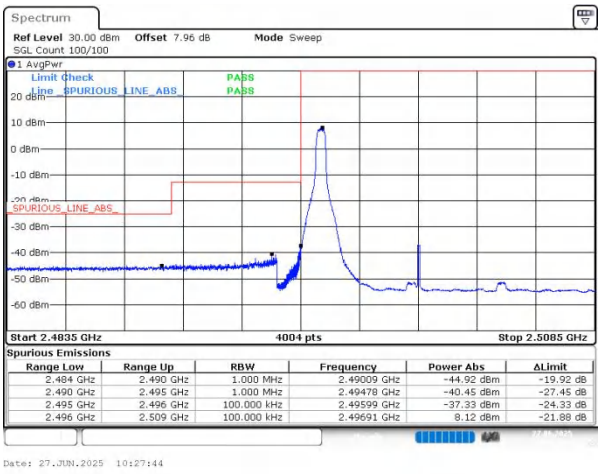
n41 SCS=30kHz DFT_BPSK BW=10MHz LowChannel=500202 RB=24@0



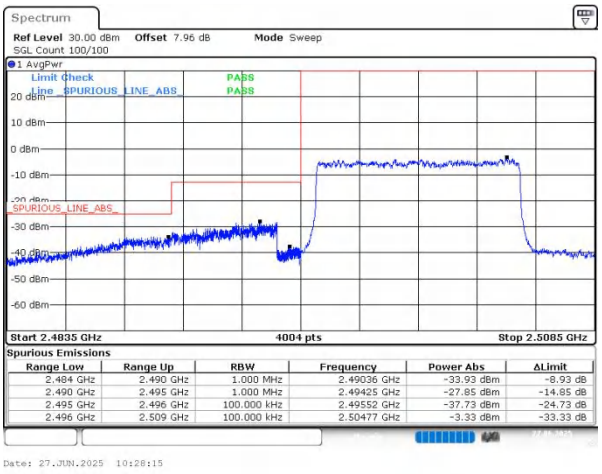
n41 SCS=30kHz DFT_QPSK BW=10MHz LowChannel=500202 RB=1@0



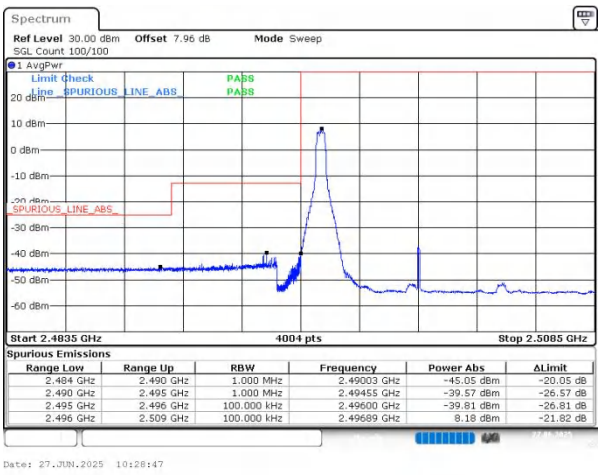
n41 SCS=30kHz DFT_QPSK BW=10MHz LowChannel=500202 RB=24@0



n41 SCS=30kHz DFT_16QAM BW=10MHz LowChannel=500202 RB=1@0

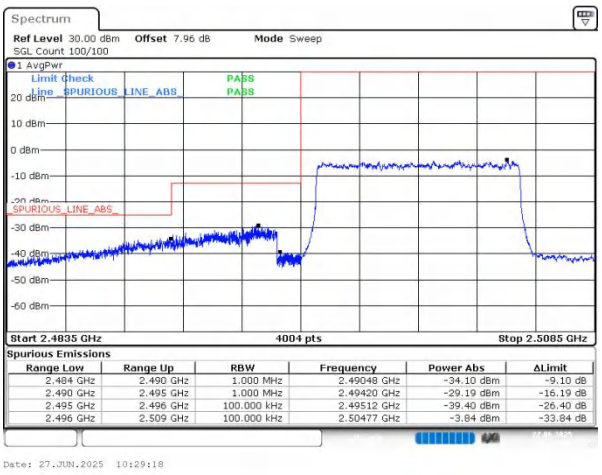


n41 SCS=30kHz DFT_16QAM BW=10MHz LowChannel=500202 RB=24@0



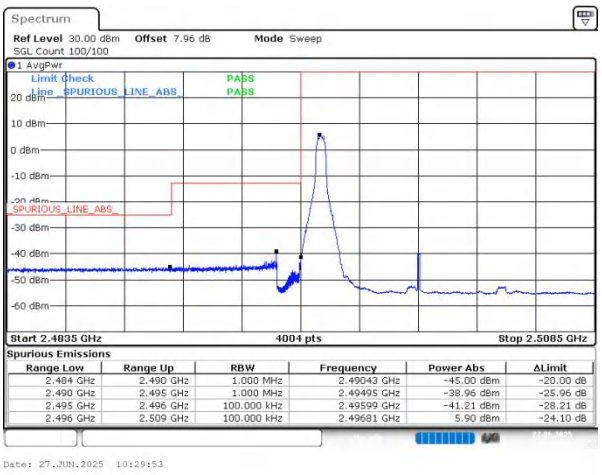
n41 SCS=30kHz DFT_64QAM BW=10MHz

LowChannel=500202 RB=1@0



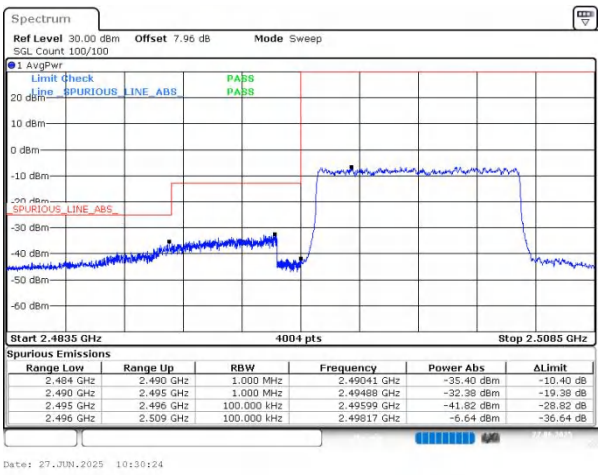
n41 SCS=30kHz DFT_64QAM BW=10MHz

LowChannel=500202 RB=24@0



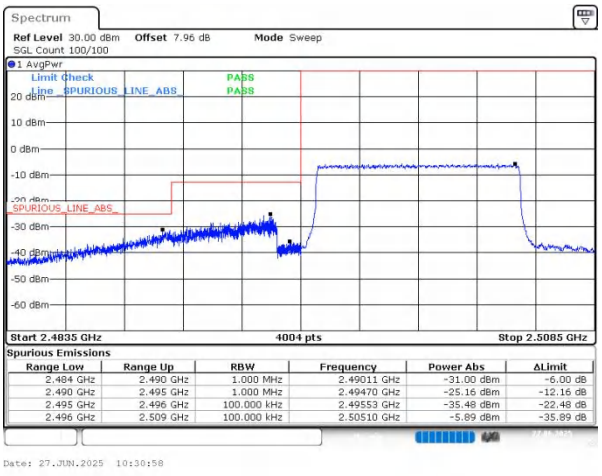
n41 SCS=30kHz DFT_256QAM BW=10MHz

LowChannel=500202 RB=1@0



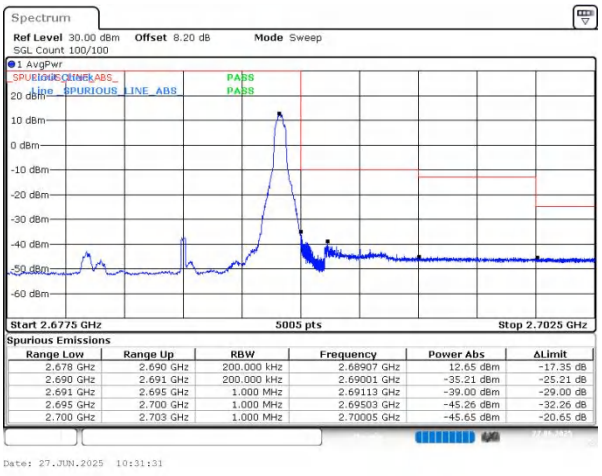
n41 SCS=30kHz DFT_256QAM BW=10MHz

LowChannel=500202 RB=24@0



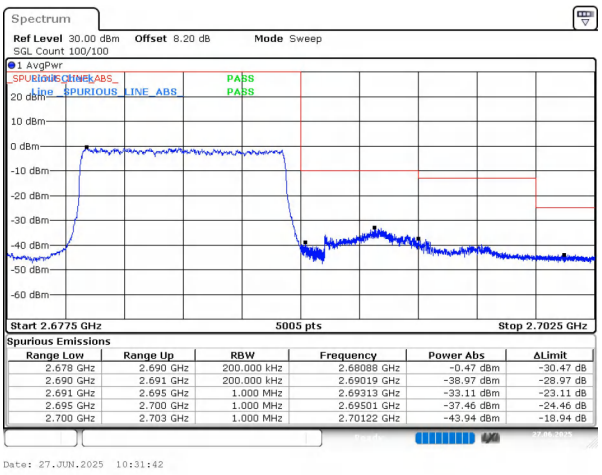
n41 SCS=30kHz CP_QPSK BW=10MHz LowChannel=500202

RB=24@0

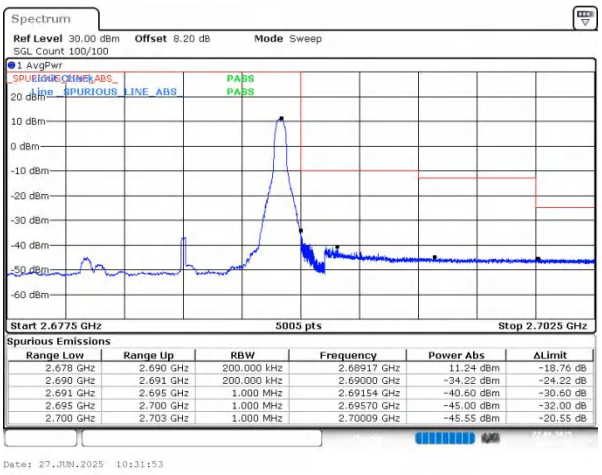


n41 SCS=30kHz DFT_BPSK BW=10MHz HighChannel=537000

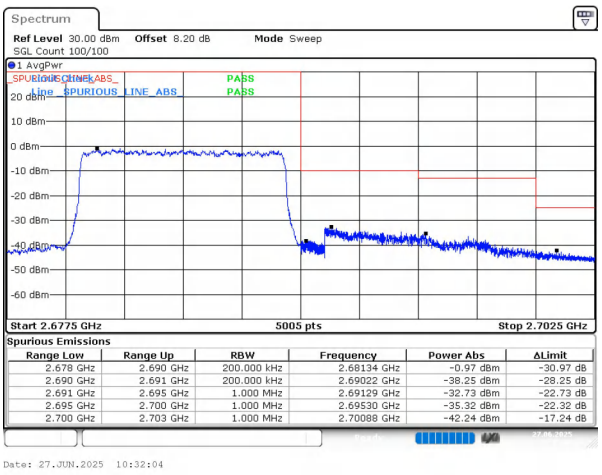
RB=1@23



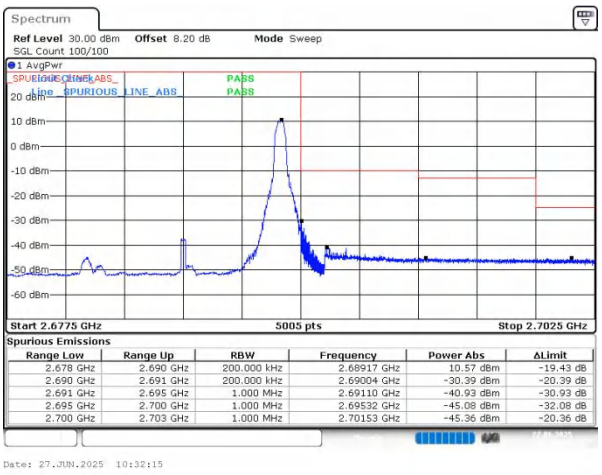
n41 SCS=30kHz DFT_BPSK BW=10MHz HighChannel=537000 RB=24@0



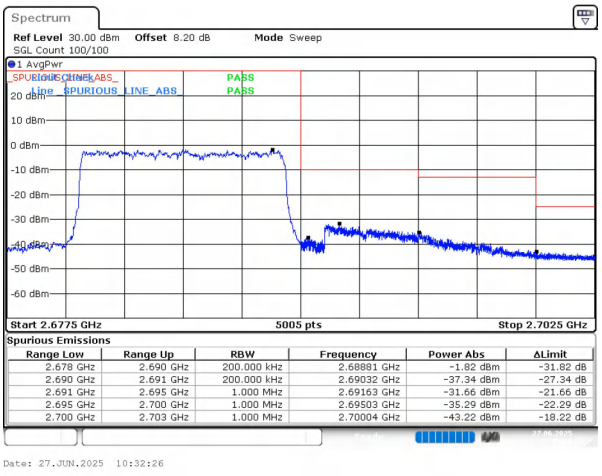
n41 SCS=30kHz DFT_QPSK BW=10MHz HighChannel=537000 RB=1@23



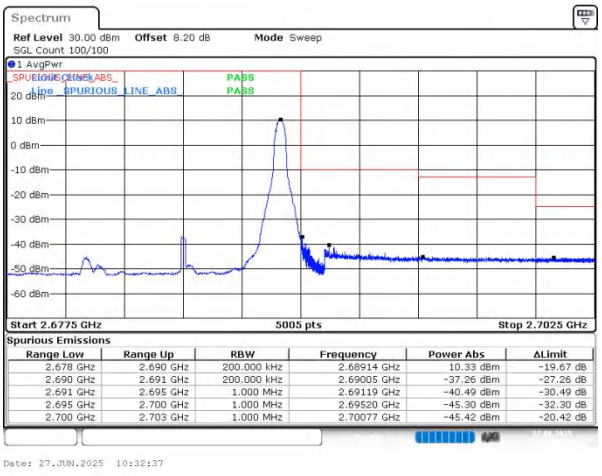
n41 SCS=30kHz DFT_QPSK BW=10MHz HighChannel=537000 RB=24@0



n41 SCS=30kHz DFT_16QAM BW=10MHz HighChannel=537000 RB=1@23



n41 SCS=30kHz DFT_16QAM BW=10MHz HighChannel=537000 RB=24@0



n41 SCS=30kHz DFT_64QAM BW=10MHz HighChannel=537000 RB=1@23