

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	22.36	-0.98	21.38	137.40	2000	PASS
n38	30	10	515000	12@6	DFT_BPSK	22.84	-0.98	21.86	153.46	2000	PASS
n38	30	10	515000	1@1	DFT_BPSK	22.74	-0.98	21.76	149.97	2000	PASS
n38	30	10	515000	1@22	DFT_BPSK	22.84	-0.98	21.86	153.46	2000	PASS
n38	30	10	515000	24@0	DFT_QPSK	21.79	-0.98	20.81	120.50	2000	PASS
n38	30	10	515000	12@6	DFT_QPSK	22.80	-0.98	21.82	152.05	2000	PASS
n38	30	10	515000	1@1	DFT_QPSK	22.74	-0.98	21.76	149.97	2000	PASS
n38	30	10	515000	1@22	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
n38	30	10	515000	24@0	DFT_16QAM	20.82	-0.98	19.84	96.38	2000	PASS
n38	30	10	515000	12@6	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
n38	30	10	515000	1@1	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
n38	30	10	515000	1@22	DFT_16QAM	22.04	-0.98	21.06	127.64	2000	PASS
n38	30	10	515000	24@0	DFT_64QAM	20.31	-0.98	19.33	85.70	2000	PASS
n38	30	10	515000	12@6	DFT_64QAM	20.35	-0.98	19.37	86.50	2000	PASS
n38	30	10	515000	1@1	DFT_64QAM	20.29	-0.98	19.31	85.31	2000	PASS
n38	30	10	515000	1@22	DFT_64QAM	20.39	-0.98	19.41	87.30	2000	PASS
n38	30	10	515000	24@0	DFT_256QAM	18.34	-0.98	17.36	54.45	2000	PASS
n38	30	10	515000	12@6	DFT_256QAM	18.22	-0.98	17.24	52.97	2000	PASS
n38	30	10	515000	1@1	DFT_256QAM	18.36	-0.98	17.38	54.70	2000	PASS
n38	30	10	515000	1@22	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
n38	30	10	515000	24@0	CP_QPSK	19.76	-0.98	18.78	75.51	2000	PASS
n38	30	10	515000	12@6	CP_QPSK	21.27	-0.98	20.29	106.91	2000	PASS
n38	30	10	515000	1@1	CP_QPSK	21.32	-0.98	20.34	108.14	2000	PASS
n38	30	10	515000	1@22	CP_QPSK	21.42	-0.98	20.44	110.66	2000	PASS
n38	30	10	515000	24@0	CP_16QAM	19.80	-0.98	18.82	76.21	2000	PASS
n38	30	10	515000	12@6	CP_16QAM	20.65	-0.98	19.67	92.68	2000	PASS
n38	30	10	515000	1@1	CP_16QAM	20.60	-0.98	19.62	91.62	2000	PASS
n38	30	10	515000	1@22	CP_16QAM	20.72	-0.98	19.74	94.19	2000	PASS
n38	30	10	515000	24@0	CP_64QAM	19.24	-0.98	18.26	66.99	2000	PASS
n38	30	10	515000	12@6	CP_64QAM	19.25	-0.98	18.27	67.14	2000	PASS
n38	30	10	515000	1@1	CP_64QAM	19.27	-0.98	18.29	67.45	2000	PASS
n38	30	10	515000	1@22	CP_64QAM	19.30	-0.98	18.32	67.92	2000	PASS
n38	30	10	515000	24@0	CP_256QAM	16.22	-0.98	15.24	33.42	2000	PASS
n38	30	10	515000	12@6	CP_256QAM	16.21	-0.98	15.23	33.34	2000	PASS

n38	30	10	515000	1@1	CP_256QAM	16.29	-0.98	15.31	33.96	2000	PASS
n38	30	10	515000	1@22	CP_256QAM	16.30	-0.98	15.32	34.04	2000	PASS
n38	30	10	519000	24@0	DFT_BPSK	22.46	-0.98	21.48	140.60	2000	PASS
n38	30	10	519000	12@6	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
n38	30	10	519000	1@1	DFT_BPSK	22.73	-0.98	21.75	149.62	2000	PASS
n38	30	10	519000	1@22	DFT_BPSK	22.98	-0.98	22.00	158.49	2000	PASS
n38	30	10	519000	24@0	DFT_QPSK	21.92	-0.98	20.94	124.17	2000	PASS
n38	30	10	519000	12@6	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n38	30	10	519000	1@1	DFT_QPSK	22.73	-0.98	21.75	149.62	2000	PASS
n38	30	10	519000	1@22	DFT_QPSK	22.95	-0.98	21.97	157.40	2000	PASS
n38	30	10	519000	24@0	DFT_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
n38	30	10	519000	12@6	DFT_16QAM	21.89	-0.98	20.91	123.31	2000	PASS
n38	30	10	519000	1@1	DFT_16QAM	21.90	-0.98	20.92	123.59	2000	PASS
n38	30	10	519000	1@22	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
n38	30	10	519000	24@0	DFT_64QAM	20.46	-0.98	19.48	88.72	2000	PASS
n38	30	10	519000	12@6	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
n38	30	10	519000	1@1	DFT_64QAM	20.36	-0.98	19.38	86.70	2000	PASS
n38	30	10	519000	1@22	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
n38	30	10	519000	24@0	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
n38	30	10	519000	12@6	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
n38	30	10	519000	1@1	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
n38	30	10	519000	1@22	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n38	30	10	519000	24@0	CP_QPSK	19.95	-0.98	18.97	78.89	2000	PASS
n38	30	10	519000	12@6	CP_QPSK	21.41	-0.98	20.43	110.41	2000	PASS
n38	30	10	519000	1@1	CP_QPSK	21.43	-0.98	20.45	110.92	2000	PASS
n38	30	10	519000	1@22	CP_QPSK	21.58	-0.98	20.60	114.82	2000	PASS
n38	30	10	519000	24@0	CP_16QAM	19.95	-0.98	18.97	78.89	2000	PASS
n38	30	10	519000	12@6	CP_16QAM	20.80	-0.98	19.82	95.94	2000	PASS
n38	30	10	519000	1@1	CP_16QAM	20.65	-0.98	19.67	92.68	2000	PASS
n38	30	10	519000	1@22	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n38	30	10	519000	24@0	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n38	30	10	519000	12@6	CP_64QAM	19.41	-0.98	18.43	69.66	2000	PASS
n38	30	10	519000	1@1	CP_64QAM	19.30	-0.98	18.32	67.92	2000	PASS
n38	30	10	519000	1@22	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n38	30	10	519000	24@0	CP_256QAM	16.31	-0.98	15.33	34.12	2000	PASS
n38	30	10	519000	12@6	CP_256QAM	16.34	-0.98	15.36	34.36	2000	PASS
n38	30	10	519000	1@1	CP_256QAM	16.25	-0.98	15.27	33.65	2000	PASS
n38	30	10	519000	1@22	CP_256QAM	16.47	-0.98	15.49	35.40	2000	PASS
n38	30	10	523000	24@0	DFT_BPSK	22.56	-0.98	21.58	143.88	2000	PASS
n38	30	10	523000	12@6	DFT_BPSK	23.02	-0.98	22.04	159.96	2000	PASS
n38	30	10	523000	1@1	DFT_BPSK	23.00	-0.98	22.02	159.22	2000	PASS
n38	30	10	523000	1@22	DFT_BPSK	22.97	-0.98	21.99	158.12	2000	PASS
n38	30	10	523000	24@0	DFT_QPSK	22.05	-0.98	21.07	127.94	2000	PASS

n38	30	10	523000	12@6	DFT_QPSK	23.00	-0.98	22.02	159.22	2000	PASS
n38	30	10	523000	1@1	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n38	30	10	523000	1@22	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n38	30	10	523000	24@0	DFT_16QAM	20.99	-0.98	20.01	100.23	2000	PASS
n38	30	10	523000	12@6	DFT_16QAM	21.96	-0.98	20.98	125.31	2000	PASS
n38	30	10	523000	1@1	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
n38	30	10	523000	1@22	DFT_16QAM	22.16	-0.98	21.18	131.22	2000	PASS
n38	30	10	523000	24@0	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
n38	30	10	523000	12@6	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
n38	30	10	523000	1@1	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n38	30	10	523000	1@22	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
n38	30	10	523000	24@0	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
n38	30	10	523000	12@6	DFT_256QAM	18.47	-0.98	17.49	56.10	2000	PASS
n38	30	10	523000	1@1	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS
n38	30	10	523000	1@22	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n38	30	10	523000	24@0	CP_QPSK	19.96	-0.98	18.98	79.07	2000	PASS
n38	30	10	523000	12@6	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
n38	30	10	523000	1@1	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n38	30	10	523000	1@22	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
n38	30	10	523000	24@0	CP_16QAM	20.02	-0.98	19.04	80.17	2000	PASS
n38	30	10	523000	12@6	CP_16QAM	20.88	-0.98	19.90	97.72	2000	PASS
n38	30	10	523000	1@1	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n38	30	10	523000	1@22	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n38	30	10	523000	24@0	CP_64QAM	19.51	-0.98	18.53	71.29	2000	PASS
n38	30	10	523000	12@6	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
n38	30	10	523000	1@1	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n38	30	10	523000	1@22	CP_64QAM	19.49	-0.98	18.51	70.96	2000	PASS
n38	30	10	523000	24@0	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n38	30	10	523000	12@6	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS
n38	30	10	523000	1@1	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n38	30	10	523000	1@22	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n38	30	15	515500	36@0	DFT_BPSK	22.32	-0.98	21.34	136.14	2000	PASS
n38	30	15	515500	18@9	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS
n38	30	15	515500	1@1	DFT_BPSK	22.71	-0.98	21.73	148.94	2000	PASS
n38	30	15	515500	1@36	DFT_BPSK	22.82	-0.98	21.84	152.76	2000	PASS
n38	30	15	515500	36@0	DFT_QPSK	21.81	-0.98	20.83	121.06	2000	PASS
n38	30	15	515500	18@9	DFT_QPSK	22.78	-0.98	21.80	151.36	2000	PASS
n38	30	15	515500	1@1	DFT_QPSK	22.66	-0.98	21.68	147.23	2000	PASS
n38	30	15	515500	1@36	DFT_QPSK	22.81	-0.98	21.83	152.41	2000	PASS
n38	30	15	515500	36@0	DFT_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n38	30	15	515500	18@9	DFT_16QAM	21.84	-0.98	20.86	121.90	2000	PASS
n38	30	15	515500	1@1	DFT_16QAM	21.82	-0.98	20.84	121.34	2000	PASS
n38	30	15	515500	1@36	DFT_16QAM	21.97	-0.98	20.99	125.60	2000	PASS

n38	30	15	515500	36@0	DFT_64QAM	20.36	-0.98	19.38	86.70	2000	PASS
n38	30	15	515500	18@9	DFT_64QAM	20.28	-0.98	19.30	85.11	2000	PASS
n38	30	15	515500	1@1	DFT_64QAM	20.28	-0.98	19.30	85.11	2000	PASS
n38	30	15	515500	1@36	DFT_64QAM	20.41	-0.98	19.43	87.70	2000	PASS
n38	30	15	515500	36@0	DFT_256QAM	18.32	-0.98	17.34	54.20	2000	PASS
n38	30	15	515500	18@9	DFT_256QAM	18.37	-0.98	17.39	54.83	2000	PASS
n38	30	15	515500	1@1	DFT_256QAM	18.25	-0.98	17.27	53.33	2000	PASS
n38	30	15	515500	1@36	DFT_256QAM	18.40	-0.98	17.42	55.21	2000	PASS
n38	30	15	515500	38@0	CP_QPSK	19.82	-0.98	18.84	76.56	2000	PASS
n38	30	15	515500	19@9	CP_QPSK	21.31	-0.98	20.33	107.89	2000	PASS
n38	30	15	515500	1@1	CP_QPSK	21.25	-0.98	20.27	106.41	2000	PASS
n38	30	15	515500	1@36	CP_QPSK	21.38	-0.98	20.40	109.65	2000	PASS
n38	30	15	515500	38@0	CP_16QAM	19.81	-0.98	18.83	76.38	2000	PASS
n38	30	15	515500	19@9	CP_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
n38	30	15	515500	1@1	CP_16QAM	20.63	-0.98	19.65	92.26	2000	PASS
n38	30	15	515500	1@36	CP_16QAM	20.75	-0.98	19.77	94.84	2000	PASS
n38	30	15	515500	38@0	CP_64QAM	19.37	-0.98	18.39	69.02	2000	PASS
n38	30	15	515500	19@9	CP_64QAM	19.41	-0.98	18.43	69.66	2000	PASS
n38	30	15	515500	1@1	CP_64QAM	19.13	-0.98	18.15	65.31	2000	PASS
n38	30	15	515500	1@36	CP_64QAM	19.26	-0.98	18.28	67.30	2000	PASS
n38	30	15	515500	38@0	CP_256QAM	16.25	-0.98	15.27	33.65	2000	PASS
n38	30	15	515500	19@9	CP_256QAM	16.29	-0.98	15.31	33.96	2000	PASS
n38	30	15	515500	1@1	CP_256QAM	16.25	-0.98	15.27	33.65	2000	PASS
n38	30	15	515500	1@36	CP_256QAM	16.35	-0.98	15.37	34.43	2000	PASS
n38	30	15	519000	36@0	DFT_BPSK	22.44	-0.98	21.46	139.96	2000	PASS
n38	30	15	519000	18@9	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
n38	30	15	519000	1@1	DFT_BPSK	22.72	-0.98	21.74	149.28	2000	PASS
n38	30	15	519000	1@36	DFT_BPSK	22.96	-0.98	21.98	157.76	2000	PASS
n38	30	15	519000	36@0	DFT_QPSK	21.95	-0.98	20.97	125.03	2000	PASS
n38	30	15	519000	18@9	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
n38	30	15	519000	1@1	DFT_QPSK	22.71	-0.98	21.73	148.94	2000	PASS
n38	30	15	519000	1@36	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
n38	30	15	519000	36@0	DFT_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
n38	30	15	519000	18@9	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
n38	30	15	519000	1@1	DFT_16QAM	21.84	-0.98	20.86	121.90	2000	PASS
n38	30	15	519000	1@36	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS
n38	30	15	519000	36@0	DFT_64QAM	20.46	-0.98	19.48	88.72	2000	PASS
n38	30	15	519000	18@9	DFT_64QAM	20.40	-0.98	19.42	87.50	2000	PASS
n38	30	15	519000	1@1	DFT_64QAM	20.30	-0.98	19.32	85.51	2000	PASS
n38	30	15	519000	1@36	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n38	30	15	519000	36@0	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
n38	30	15	519000	18@9	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
n38	30	15	519000	1@1	DFT_256QAM	18.30	-0.98	17.32	53.95	2000	PASS

n38	30	15	519000	1@36	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
n38	30	15	519000	38@0	CP_QPSK	19.93	-0.98	18.95	78.52	2000	PASS
n38	30	15	519000	19@9	CP_QPSK	21.42	-0.98	20.44	110.66	2000	PASS
n38	30	15	519000	1@1	CP_QPSK	21.30	-0.98	20.32	107.65	2000	PASS
n38	30	15	519000	1@36	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
n38	30	15	519000	38@0	CP_16QAM	19.90	-0.98	18.92	77.98	2000	PASS
n38	30	15	519000	19@9	CP_16QAM	20.89	-0.98	19.91	97.95	2000	PASS
n38	30	15	519000	1@1	CP_16QAM	20.67	-0.98	19.69	93.11	2000	PASS
n38	30	15	519000	1@36	CP_16QAM	20.86	-0.98	19.88	97.27	2000	PASS
n38	30	15	519000	38@0	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n38	30	15	519000	19@9	CP_64QAM	19.47	-0.98	18.49	70.63	2000	PASS
n38	30	15	519000	1@1	CP_64QAM	19.19	-0.98	18.21	66.22	2000	PASS
n38	30	15	519000	1@36	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
n38	30	15	519000	38@0	CP_256QAM	16.39	-0.98	15.41	34.75	2000	PASS
n38	30	15	519000	19@9	CP_256QAM	16.36	-0.98	15.38	34.51	2000	PASS
n38	30	15	519000	1@1	CP_256QAM	16.22	-0.98	15.24	33.42	2000	PASS
n38	30	15	519000	1@36	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
n38	30	15	522500	36@0	DFT_BPSK	22.53	-0.98	21.55	142.89	2000	PASS
n38	30	15	522500	18@9	DFT_BPSK	23.03	-0.98	22.05	160.32	2000	PASS
n38	30	15	522500	1@1	DFT_BPSK	22.95	-0.98	21.97	157.40	2000	PASS
n38	30	15	522500	1@36	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n38	30	15	522500	36@0	DFT_QPSK	22.02	-0.98	21.04	127.06	2000	PASS
n38	30	15	522500	18@9	DFT_QPSK	23.08	-0.98	22.10	162.18	2000	PASS
n38	30	15	522500	1@1	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
n38	30	15	522500	1@36	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n38	30	15	522500	36@0	DFT_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n38	30	15	522500	18@9	DFT_16QAM	22.10	-0.98	21.12	129.42	2000	PASS
n38	30	15	522500	1@1	DFT_16QAM	22.09	-0.98	21.11	129.12	2000	PASS
n38	30	15	522500	1@36	DFT_16QAM	22.12	-0.98	21.14	130.02	2000	PASS
n38	30	15	522500	36@0	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n38	30	15	522500	18@9	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
n38	30	15	522500	1@1	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
n38	30	15	522500	1@36	DFT_64QAM	20.58	-0.98	19.60	91.20	2000	PASS
n38	30	15	522500	36@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n38	30	15	522500	18@9	DFT_256QAM	18.71	-0.98	17.73	59.29	2000	PASS
n38	30	15	522500	1@1	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n38	30	15	522500	1@36	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
n38	30	15	522500	38@0	CP_QPSK	20.07	-0.98	19.09	81.10	2000	PASS
n38	30	15	522500	19@9	CP_QPSK	21.58	-0.98	20.60	114.82	2000	PASS
n38	30	15	522500	1@1	CP_QPSK	21.47	-0.98	20.49	111.94	2000	PASS
n38	30	15	522500	1@36	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
n38	30	15	522500	38@0	CP_16QAM	20.04	-0.98	19.06	80.54	2000	PASS
n38	30	15	522500	19@9	CP_16QAM	21.06	-0.98	20.08	101.86	2000	PASS

n38	30	15	522500	1@1	CP_16QAM	20.85	-0.98	19.87	97.05	2000	PASS
n38	30	15	522500	1@36	CP_16QAM	20.90	-0.98	19.92	98.17	2000	PASS
n38	30	15	522500	38@0	CP_64QAM	19.56	-0.98	18.58	72.11	2000	PASS
n38	30	15	522500	19@9	CP_64QAM	19.62	-0.98	18.64	73.11	2000	PASS
n38	30	15	522500	1@1	CP_64QAM	19.35	-0.98	18.37	68.71	2000	PASS
n38	30	15	522500	1@36	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n38	30	15	522500	38@0	CP_256QAM	16.50	-0.98	15.52	35.65	2000	PASS
n38	30	15	522500	19@9	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n38	30	15	522500	1@1	CP_256QAM	16.46	-0.98	15.48	35.32	2000	PASS
n38	30	15	522500	1@36	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
n38	30	20	516000	50@0	DFT_BPSK	22.35	-0.98	21.37	137.09	2000	PASS
n38	30	20	516000	25@12	DFT_BPSK	22.86	-0.98	21.88	154.17	2000	PASS
n38	30	20	516000	1@1	DFT_BPSK	22.67	-0.98	21.69	147.57	2000	PASS
n38	30	20	516000	1@49	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS
n38	30	20	516000	50@0	DFT_QPSK	21.88	-0.98	20.90	123.03	2000	PASS
n38	30	20	516000	25@12	DFT_QPSK	22.84	-0.98	21.86	153.46	2000	PASS
n38	30	20	516000	1@1	DFT_QPSK	22.71	-0.98	21.73	148.94	2000	PASS
n38	30	20	516000	1@49	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS
n38	30	20	516000	50@0	DFT_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
n38	30	20	516000	25@12	DFT_16QAM	21.87	-0.98	20.89	122.74	2000	PASS
n38	30	20	516000	1@1	DFT_16QAM	21.83	-0.98	20.85	121.62	2000	PASS
n38	30	20	516000	1@49	DFT_16QAM	21.95	-0.98	20.97	125.03	2000	PASS
n38	30	20	516000	50@0	DFT_64QAM	20.31	-0.98	19.33	85.70	2000	PASS
n38	30	20	516000	25@12	DFT_64QAM	20.36	-0.98	19.38	86.70	2000	PASS
n38	30	20	516000	1@1	DFT_64QAM	20.25	-0.98	19.27	84.53	2000	PASS
n38	30	20	516000	1@49	DFT_64QAM	20.40	-0.98	19.42	87.50	2000	PASS
n38	30	20	516000	50@0	DFT_256QAM	18.33	-0.98	17.35	54.33	2000	PASS
n38	30	20	516000	25@12	DFT_256QAM	18.38	-0.98	17.40	54.95	2000	PASS
n38	30	20	516000	1@1	DFT_256QAM	18.29	-0.98	17.31	53.83	2000	PASS
n38	30	20	516000	1@49	DFT_256QAM	18.41	-0.98	17.43	55.34	2000	PASS
n38	30	20	516000	51@0	CP_QPSK	19.89	-0.98	18.91	77.80	2000	PASS
n38	30	20	516000	25@12	CP_QPSK	21.34	-0.98	20.36	108.64	2000	PASS
n38	30	20	516000	1@1	CP_QPSK	21.23	-0.98	20.25	105.93	2000	PASS
n38	30	20	516000	1@49	CP_QPSK	21.39	-0.98	20.41	109.90	2000	PASS
n38	30	20	516000	51@0	CP_16QAM	19.79	-0.98	18.81	76.03	2000	PASS
n38	30	20	516000	25@12	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n38	30	20	516000	1@1	CP_16QAM	20.57	-0.98	19.59	90.99	2000	PASS
n38	30	20	516000	1@49	CP_16QAM	20.71	-0.98	19.73	93.97	2000	PASS
n38	30	20	516000	51@0	CP_64QAM	19.41	-0.98	18.43	69.66	2000	PASS
n38	30	20	516000	25@12	CP_64QAM	19.38	-0.98	18.40	69.18	2000	PASS
n38	30	20	516000	1@1	CP_64QAM	19.16	-0.98	18.18	65.77	2000	PASS
n38	30	20	516000	1@49	CP_64QAM	19.27	-0.98	18.29	67.45	2000	PASS
n38	30	20	516000	51@0	CP_256QAM	16.29	-0.98	15.31	33.96	2000	PASS

n38	30	20	516000	25@12	CP_256QAM	16.30	-0.98	15.32	34.04	2000	PASS
n38	30	20	516000	1@1	CP_256QAM	16.29	-0.98	15.31	33.96	2000	PASS
n38	30	20	516000	1@49	CP_256QAM	16.35	-0.98	15.37	34.43	2000	PASS
n38	30	20	519000	50@0	DFT_BPSK	22.43	-0.98	21.45	139.64	2000	PASS
n38	30	20	519000	25@12	DFT_BPSK	22.95	-0.98	21.97	157.40	2000	PASS
n38	30	20	519000	1@1	DFT_BPSK	22.72	-0.98	21.74	149.28	2000	PASS
n38	30	20	519000	1@49	DFT_BPSK	23.01	-0.98	22.03	159.59	2000	PASS
n38	30	20	519000	50@0	DFT_QPSK	21.95	-0.98	20.97	125.03	2000	PASS
n38	30	20	519000	25@12	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
n38	30	20	519000	1@1	DFT_QPSK	22.70	-0.98	21.72	148.59	2000	PASS
n38	30	20	519000	1@49	DFT_QPSK	22.98	-0.98	22.00	158.49	2000	PASS
n38	30	20	519000	50@0	DFT_16QAM	20.97	-0.98	19.99	99.77	2000	PASS
n38	30	20	519000	25@12	DFT_16QAM	21.92	-0.98	20.94	124.17	2000	PASS
n38	30	20	519000	1@1	DFT_16QAM	21.86	-0.98	20.88	122.46	2000	PASS
n38	30	20	519000	1@49	DFT_16QAM	22.13	-0.98	21.15	130.32	2000	PASS
n38	30	20	519000	50@0	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
n38	30	20	519000	25@12	DFT_64QAM	20.42	-0.98	19.44	87.90	2000	PASS
n38	30	20	519000	1@1	DFT_64QAM	20.33	-0.98	19.35	86.10	2000	PASS
n38	30	20	519000	1@49	DFT_64QAM	20.63	-0.98	19.65	92.26	2000	PASS
n38	30	20	519000	50@0	DFT_256QAM	18.47	-0.98	17.49	56.10	2000	PASS
n38	30	20	519000	25@12	DFT_256QAM	18.42	-0.98	17.44	55.46	2000	PASS
n38	30	20	519000	1@1	DFT_256QAM	18.29	-0.98	17.31	53.83	2000	PASS
n38	30	20	519000	1@49	DFT_256QAM	18.58	-0.98	17.60	57.54	2000	PASS
n38	30	20	519000	51@0	CP_QPSK	20.00	-0.98	19.02	79.80	2000	PASS
n38	30	20	519000	25@12	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
n38	30	20	519000	1@1	CP_QPSK	21.37	-0.98	20.39	109.40	2000	PASS
n38	30	20	519000	1@49	CP_QPSK	21.57	-0.98	20.59	114.55	2000	PASS
n38	30	20	519000	51@0	CP_16QAM	19.92	-0.98	18.94	78.34	2000	PASS
n38	30	20	519000	25@12	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n38	30	20	519000	1@1	CP_16QAM	20.65	-0.98	19.67	92.68	2000	PASS
n38	30	20	519000	1@49	CP_16QAM	20.88	-0.98	19.90	97.72	2000	PASS
n38	30	20	519000	51@0	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n38	30	20	519000	25@12	CP_64QAM	19.48	-0.98	18.50	70.79	2000	PASS
n38	30	20	519000	1@1	CP_64QAM	19.21	-0.98	18.23	66.53	2000	PASS
n38	30	20	519000	1@49	CP_64QAM	19.44	-0.98	18.46	70.15	2000	PASS
n38	30	20	519000	51@0	CP_256QAM	16.40	-0.98	15.42	34.83	2000	PASS
n38	30	20	519000	25@12	CP_256QAM	16.38	-0.98	15.40	34.67	2000	PASS
n38	30	20	519000	1@1	CP_256QAM	16.31	-0.98	15.33	34.12	2000	PASS
n38	30	20	519000	1@49	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n38	30	20	522000	50@0	DFT_BPSK	22.53	-0.98	21.55	142.89	2000	PASS
n38	30	20	522000	25@12	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
n38	30	20	522000	1@1	DFT_BPSK	22.87	-0.98	21.89	154.53	2000	PASS
n38	30	20	522000	1@49	DFT_BPSK	22.98	-0.98	22.00	158.49	2000	PASS

n38	30	20	522000	50@0	DFT_QPSK	22.04	-0.98	21.06	127.64	2000	PASS
n38	30	20	522000	25@12	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n38	30	20	522000	1@1	DFT_QPSK	22.88	-0.98	21.90	154.88	2000	PASS
n38	30	20	522000	1@49	DFT_QPSK	22.98	-0.98	22.00	158.49	2000	PASS
n38	30	20	522000	50@0	DFT_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
n38	30	20	522000	25@12	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
n38	30	20	522000	1@1	DFT_16QAM	22.00	-0.98	21.02	126.47	2000	PASS
n38	30	20	522000	1@49	DFT_16QAM	22.09	-0.98	21.11	129.12	2000	PASS
n38	30	20	522000	50@0	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n38	30	20	522000	25@12	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
n38	30	20	522000	1@1	DFT_64QAM	20.50	-0.98	19.52	89.54	2000	PASS
n38	30	20	522000	1@49	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
n38	30	20	522000	50@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n38	30	20	522000	25@12	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
n38	30	20	522000	1@1	DFT_256QAM	18.47	-0.98	17.49	56.10	2000	PASS
n38	30	20	522000	1@49	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
n38	30	20	522000	51@0	CP_QPSK	20.06	-0.98	19.08	80.91	2000	PASS
n38	30	20	522000	25@12	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
n38	30	20	522000	1@1	CP_QPSK	21.49	-0.98	20.51	112.46	2000	PASS
n38	30	20	522000	1@49	CP_QPSK	21.56	-0.98	20.58	114.29	2000	PASS
n38	30	20	522000	51@0	CP_16QAM	20.00	-0.98	19.02	79.80	2000	PASS
n38	30	20	522000	25@12	CP_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
n38	30	20	522000	1@1	CP_16QAM	20.77	-0.98	19.79	95.28	2000	PASS
n38	30	20	522000	1@49	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n38	30	20	522000	51@0	CP_64QAM	19.58	-0.98	18.60	72.44	2000	PASS
n38	30	20	522000	25@12	CP_64QAM	19.58	-0.98	18.60	72.44	2000	PASS
n38	30	20	522000	1@1	CP_64QAM	19.36	-0.98	18.38	68.87	2000	PASS
n38	30	20	522000	1@49	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n38	30	20	522000	51@0	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n38	30	20	522000	25@12	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
n38	30	20	522000	1@1	CP_256QAM	16.45	-0.98	15.47	35.24	2000	PASS
n38	30	20	522000	1@49	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
n38	30	40	518000	100@0	DFT_BPSK	22.38	-0.98	21.40	138.04	2000	PASS
n38	30	40	518000	50@25	DFT_BPSK	22.85	-0.98	21.87	153.82	2000	PASS
n38	30	40	518000	1@1	DFT_BPSK	22.67	-0.98	21.69	147.57	2000	PASS
n38	30	40	518000	1@104	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
n38	30	40	518000	100@0	DFT_QPSK	21.88	-0.98	20.90	123.03	2000	PASS
n38	30	40	518000	50@25	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
n38	30	40	518000	1@1	DFT_QPSK	22.63	-0.98	21.65	146.22	2000	PASS
n38	30	40	518000	1@104	DFT_QPSK	23.04	-0.98	22.06	160.69	2000	PASS
n38	30	40	518000	100@0	DFT_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
n38	30	40	518000	50@25	DFT_16QAM	21.90	-0.98	20.92	123.59	2000	PASS
n38	30	40	518000	1@1	DFT_16QAM	21.77	-0.98	20.79	119.95	2000	PASS

n38	30	40	518000	1@104	DFT_16QAM	22.17	-0.98	21.19	131.52	2000	PASS
n38	30	40	518000	100@0	DFT_64QAM	20.35	-0.98	19.37	86.50	2000	PASS
n38	30	40	518000	50@25	DFT_64QAM	20.38	-0.98	19.40	87.10	2000	PASS
n38	30	40	518000	1@1	DFT_64QAM	20.26	-0.98	19.28	84.72	2000	PASS
n38	30	40	518000	1@104	DFT_64QAM	20.67	-0.98	19.69	93.11	2000	PASS
n38	30	40	518000	100@0	DFT_256QAM	18.38	-0.98	17.40	54.95	2000	PASS
n38	30	40	518000	50@25	DFT_256QAM	18.41	-0.98	17.43	55.34	2000	PASS
n38	30	40	518000	1@1	DFT_256QAM	18.22	-0.98	17.24	52.97	2000	PASS
n38	30	40	518000	1@104	DFT_256QAM	18.64	-0.98	17.66	58.34	2000	PASS
n38	30	40	518000	106@0	CP_QPSK	19.91	-0.98	18.93	78.16	2000	PASS
n38	30	40	518000	53@26	CP_QPSK	21.37	-0.98	20.39	109.40	2000	PASS
n38	30	40	518000	1@1	CP_QPSK	21.16	-0.98	20.18	104.23	2000	PASS
n38	30	40	518000	1@104	CP_QPSK	21.57	-0.98	20.59	114.55	2000	PASS
n38	30	40	518000	106@0	CP_16QAM	19.92	-0.98	18.94	78.34	2000	PASS
n38	30	40	518000	53@26	CP_16QAM	20.79	-0.98	19.81	95.72	2000	PASS
n38	30	40	518000	1@1	CP_16QAM	20.53	-0.98	19.55	90.16	2000	PASS
n38	30	40	518000	1@104	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n38	30	40	518000	106@0	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n38	30	40	518000	53@26	CP_64QAM	19.40	-0.98	18.42	69.50	2000	PASS
n38	30	40	518000	1@1	CP_64QAM	19.06	-0.98	18.08	64.27	2000	PASS
n38	30	40	518000	1@104	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n38	30	40	518000	106@0	CP_256QAM	16.39	-0.98	15.41	34.75	2000	PASS
n38	30	40	518000	53@26	CP_256QAM	16.38	-0.98	15.40	34.67	2000	PASS
n38	30	40	518000	1@1	CP_256QAM	16.35	-0.98	15.37	34.43	2000	PASS
n38	30	40	518000	1@104	CP_256QAM	16.80	-0.98	15.82	38.19	2000	PASS
n38	30	40	519000	100@0	DFT_BPSK	22.43	-0.98	21.45	139.64	2000	PASS
n38	30	40	519000	50@25	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
n38	30	40	519000	1@1	DFT_BPSK	22.66	-0.98	21.68	147.23	2000	PASS
n38	30	40	519000	1@104	DFT_BPSK	23.10	-0.98	22.12	162.93	2000	PASS
n38	30	40	519000	100@0	DFT_QPSK	21.93	-0.98	20.95	124.45	2000	PASS
n38	30	40	519000	50@25	DFT_QPSK	22.91	-0.98	21.93	155.96	2000	PASS
n38	30	40	519000	1@1	DFT_QPSK	22.64	-0.98	21.66	146.55	2000	PASS
n38	30	40	519000	1@104	DFT_QPSK	23.03	-0.98	22.05	160.32	2000	PASS
n38	30	40	519000	100@0	DFT_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
n38	30	40	519000	50@25	DFT_16QAM	21.92	-0.98	20.94	124.17	2000	PASS
n38	30	40	519000	1@1	DFT_16QAM	21.77	-0.98	20.79	119.95	2000	PASS
n38	30	40	519000	1@104	DFT_16QAM	22.19	-0.98	21.21	132.13	2000	PASS
n38	30	40	519000	100@0	DFT_64QAM	20.40	-0.98	19.42	87.50	2000	PASS
n38	30	40	519000	50@25	DFT_64QAM	20.43	-0.98	19.45	88.10	2000	PASS
n38	30	40	519000	1@1	DFT_64QAM	20.23	-0.98	19.25	84.14	2000	PASS
n38	30	40	519000	1@104	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n38	30	40	519000	100@0	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
n38	30	40	519000	50@25	DFT_256QAM	18.44	-0.98	17.46	55.72	2000	PASS

n38	30	40	519000	1@1	DFT_256QAM	18.24	-0.98	17.26	53.21	2000	PASS
n38	30	40	519000	1@104	DFT_256QAM	18.64	-0.98	17.66	58.34	2000	PASS
n38	30	40	519000	106@0	CP_QPSK	19.94	-0.98	18.96	78.70	2000	PASS
n38	30	40	519000	53@26	CP_QPSK	21.43	-0.98	20.45	110.92	2000	PASS
n38	30	40	519000	1@1	CP_QPSK	21.17	-0.98	20.19	104.47	2000	PASS
n38	30	40	519000	1@104	CP_QPSK	21.60	-0.98	20.62	115.35	2000	PASS
n38	30	40	519000	106@0	CP_16QAM	19.95	-0.98	18.97	78.89	2000	PASS
n38	30	40	519000	53@26	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n38	30	40	519000	1@1	CP_16QAM	20.62	-0.98	19.64	92.04	2000	PASS
n38	30	40	519000	1@104	CP_16QAM	20.98	-0.98	20.00	100.00	2000	PASS
n38	30	40	519000	106@0	CP_64QAM	19.45	-0.98	18.47	70.31	2000	PASS
n38	30	40	519000	53@26	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n38	30	40	519000	1@1	CP_64QAM	19.11	-0.98	18.13	65.01	2000	PASS
n38	30	40	519000	1@104	CP_64QAM	19.51	-0.98	18.53	71.29	2000	PASS
n38	30	40	519000	106@0	CP_256QAM	16.43	-0.98	15.45	35.08	2000	PASS
n38	30	40	519000	53@26	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS
n38	30	40	519000	1@1	CP_256QAM	16.43	-0.98	15.45	35.08	2000	PASS
n38	30	40	519000	1@104	CP_256QAM	16.89	-0.98	15.91	38.99	2000	PASS
n38	30	40	520000	100@0	DFT_BPSK	22.47	-0.98	21.49	140.93	2000	PASS
n38	30	40	520000	50@25	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n38	30	40	520000	1@1	DFT_BPSK	22.69	-0.98	21.71	148.25	2000	PASS
n38	30	40	520000	1@104	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
n38	30	40	520000	100@0	DFT_QPSK	21.95	-0.98	20.97	125.03	2000	PASS
n38	30	40	520000	50@25	DFT_QPSK	22.97	-0.98	21.99	158.12	2000	PASS
n38	30	40	520000	1@1	DFT_QPSK	22.65	-0.98	21.67	146.89	2000	PASS
n38	30	40	520000	1@104	DFT_QPSK	23.01	-0.98	22.03	159.59	2000	PASS
n38	30	40	520000	100@0	DFT_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
n38	30	40	520000	50@25	DFT_16QAM	22.00	-0.98	21.02	126.47	2000	PASS
n38	30	40	520000	1@1	DFT_16QAM	21.79	-0.98	20.81	120.50	2000	PASS
n38	30	40	520000	1@104	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
n38	30	40	520000	100@0	DFT_64QAM	20.41	-0.98	19.43	87.70	2000	PASS
n38	30	40	520000	50@25	DFT_64QAM	20.47	-0.98	19.49	88.92	2000	PASS
n38	30	40	520000	1@1	DFT_64QAM	20.22	-0.98	19.24	83.95	2000	PASS
n38	30	40	520000	1@104	DFT_64QAM	20.62	-0.98	19.64	92.04	2000	PASS
n38	30	40	520000	100@0	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
n38	30	40	520000	50@25	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
n38	30	40	520000	1@1	DFT_256QAM	18.24	-0.98	17.26	53.21	2000	PASS
n38	30	40	520000	1@104	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
n38	30	40	520000	106@0	CP_QPSK	19.99	-0.98	19.01	79.62	2000	PASS
n38	30	40	520000	53@26	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
n38	30	40	520000	1@1	CP_QPSK	21.16	-0.98	20.18	104.23	2000	PASS
n38	30	40	520000	1@104	CP_QPSK	21.57	-0.98	20.59	114.55	2000	PASS
n38	30	40	520000	106@0	CP_16QAM	19.99	-0.98	19.01	79.62	2000	PASS

n38	30	40	520000	53@26	CP_16QAM	20.92	-0.98	19.94	98.63	2000	PASS
n38	30	40	520000	1@1	CP_16QAM	20.59	-0.98	19.61	91.41	2000	PASS
n38	30	40	520000	1@104	CP_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
n38	30	40	520000	106@0	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n38	30	40	520000	53@26	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
n38	30	40	520000	1@1	CP_64QAM	19.13	-0.98	18.15	65.31	2000	PASS
n38	30	40	520000	1@104	CP_64QAM	19.48	-0.98	18.50	70.79	2000	PASS
n38	30	40	520000	106@0	CP_256QAM	16.46	-0.98	15.48	35.32	2000	PASS
n38	30	40	520000	53@26	CP_256QAM	16.50	-0.98	15.52	35.65	2000	PASS
n38	30	40	520000	1@1	CP_256QAM	16.39	-0.98	15.41	34.75	2000	PASS
n38	30	40	520000	1@104	CP_256QAM	16.83	-0.98	15.85	38.46	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	22.53	-0.98	21.55	142.89	2000	PASS
n41	30	10	500202	12@6	DFT_BPSK	23.08	-0.98	22.10	162.18	2000	PASS
n41	30	10	500202	1@1	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	10	500202	1@22	DFT_BPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	10	500202	24@0	DFT_QPSK	22.09	-0.98	21.11	129.12	2000	PASS
n41	30	10	500202	12@6	DFT_QPSK	23.03	-0.98	22.05	160.32	2000	PASS
n41	30	10	500202	1@1	DFT_QPSK	23.00	-0.98	22.02	159.22	2000	PASS
n41	30	10	500202	1@22	DFT_QPSK	23.04	-0.98	22.06	160.69	2000	PASS
n41	30	10	500202	24@0	DFT_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	10	500202	12@6	DFT_16QAM	22.00	-0.98	21.02	126.47	2000	PASS
n41	30	10	500202	1@1	DFT_16QAM	22.17	-0.98	21.19	131.52	2000	PASS
n41	30	10	500202	1@22	DFT_16QAM	22.23	-0.98	21.25	133.35	2000	PASS
n41	30	10	500202	24@0	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n41	30	10	500202	12@6	DFT_64QAM	20.62	-0.98	19.64	92.04	2000	PASS
n41	30	10	500202	1@1	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n41	30	10	500202	1@22	DFT_64QAM	20.58	-0.98	19.60	91.20	2000	PASS
n41	30	10	500202	24@0	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
n41	30	10	500202	12@6	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
n41	30	10	500202	1@1	DFT_256QAM	18.64	-0.98	17.66	58.34	2000	PASS
n41	30	10	500202	1@22	DFT_256QAM	18.69	-0.98	17.71	59.02	2000	PASS
n41	30	10	500202	24@0	CP_QPSK	20.04	-0.98	19.06	80.54	2000	PASS
n41	30	10	500202	12@6	CP_QPSK	21.49	-0.98	20.51	112.46	2000	PASS
n41	30	10	500202	1@1	CP_QPSK	21.61	-0.98	20.63	115.61	2000	PASS
n41	30	10	500202	1@22	CP_QPSK	21.65	-0.98	20.67	116.68	2000	PASS
n41	30	10	500202	24@0	CP_16QAM	20.07	-0.98	19.09	81.10	2000	PASS
n41	30	10	500202	12@6	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n41	30	10	500202	1@1	CP_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
n41	30	10	500202	1@22	CP_16QAM	20.95	-0.98	19.97	99.31	2000	PASS

n41	30	10	500202	24@0	CP_64QAM	19.47	-0.98	18.49	70.63	2000	PASS
n41	30	10	500202	12@6	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n41	30	10	500202	1@1	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	10	500202	1@22	CP_64QAM	19.59	-0.98	18.61	72.61	2000	PASS
n41	30	10	500202	24@0	CP_256QAM	16.50	-0.98	15.52	35.65	2000	PASS
n41	30	10	500202	12@6	CP_256QAM	16.47	-0.98	15.49	35.40	2000	PASS
n41	30	10	500202	1@1	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
n41	30	10	500202	1@22	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
n41	30	10	518598	24@0	DFT_BPSK	22.50	-0.98	21.52	141.91	2000	PASS
n41	30	10	518598	12@6	DFT_BPSK	22.98	-0.98	22.00	158.49	2000	PASS
n41	30	10	518598	1@1	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
n41	30	10	518598	1@22	DFT_BPSK	22.95	-0.98	21.97	157.40	2000	PASS
n41	30	10	518598	24@0	DFT_QPSK	21.99	-0.98	21.01	126.18	2000	PASS
n41	30	10	518598	12@6	DFT_QPSK	23.01	-0.98	22.03	159.59	2000	PASS
n41	30	10	518598	1@1	DFT_QPSK	22.95	-0.98	21.97	157.40	2000	PASS
n41	30	10	518598	1@22	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	10	518598	24@0	DFT_16QAM	20.98	-0.98	20.00	100.00	2000	PASS
n41	30	10	518598	12@6	DFT_16QAM	21.89	-0.98	20.91	123.31	2000	PASS
n41	30	10	518598	1@1	DFT_16QAM	22.09	-0.98	21.11	129.12	2000	PASS
n41	30	10	518598	1@22	DFT_16QAM	22.09	-0.98	21.11	129.12	2000	PASS
n41	30	10	518598	24@0	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n41	30	10	518598	12@6	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	10	518598	1@1	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
n41	30	10	518598	1@22	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	10	518598	24@0	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
n41	30	10	518598	12@6	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
n41	30	10	518598	1@1	DFT_256QAM	18.63	-0.98	17.65	58.21	2000	PASS
n41	30	10	518598	1@22	DFT_256QAM	18.66	-0.98	17.68	58.61	2000	PASS
n41	30	10	518598	24@0	CP_QPSK	19.95	-0.98	18.97	78.89	2000	PASS
n41	30	10	518598	12@6	CP_QPSK	21.44	-0.98	20.46	111.17	2000	PASS
n41	30	10	518598	1@1	CP_QPSK	21.62	-0.98	20.64	115.88	2000	PASS
n41	30	10	518598	1@22	CP_QPSK	21.67	-0.98	20.69	117.22	2000	PASS
n41	30	10	518598	24@0	CP_16QAM	20.01	-0.98	19.03	79.98	2000	PASS
n41	30	10	518598	12@6	CP_16QAM	20.89	-0.98	19.91	97.95	2000	PASS
n41	30	10	518598	1@1	CP_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
n41	30	10	518598	1@22	CP_16QAM	20.98	-0.98	20.00	100.00	2000	PASS
n41	30	10	518598	24@0	CP_64QAM	19.40	-0.98	18.42	69.50	2000	PASS
n41	30	10	518598	12@6	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
n41	30	10	518598	1@1	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	10	518598	1@22	CP_64QAM	19.58	-0.98	18.60	72.44	2000	PASS
n41	30	10	518598	24@0	CP_256QAM	16.35	-0.98	15.37	34.43	2000	PASS
n41	30	10	518598	12@6	CP_256QAM	16.36	-0.98	15.38	34.51	2000	PASS
n41	30	10	518598	1@1	CP_256QAM	16.45	-0.98	15.47	35.24	2000	PASS

n41	30	10	518598	1@22	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n41	30	10	537000	24@0	DFT_BPSK	22.67	-0.98	21.69	147.57	2000	PASS
n41	30	10	537000	12@6	DFT_BPSK	23.20	-0.98	22.22	166.72	2000	PASS
n41	30	10	537000	1@1	DFT_BPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	10	537000	1@22	DFT_BPSK	23.08	-0.98	22.10	162.18	2000	PASS
n41	30	10	537000	24@0	DFT_QPSK	22.17	-0.98	21.19	131.52	2000	PASS
n41	30	10	537000	12@6	DFT_QPSK	23.22	-0.98	22.24	167.49	2000	PASS
n41	30	10	537000	1@1	DFT_QPSK	23.05	-0.98	22.07	161.06	2000	PASS
n41	30	10	537000	1@22	DFT_QPSK	23.12	-0.98	22.14	163.68	2000	PASS
n41	30	10	537000	24@0	DFT_16QAM	21.15	-0.98	20.17	103.99	2000	PASS
n41	30	10	537000	12@6	DFT_16QAM	22.11	-0.98	21.13	129.72	2000	PASS
n41	30	10	537000	1@1	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
n41	30	10	537000	1@22	DFT_16QAM	22.27	-0.98	21.29	134.59	2000	PASS
n41	30	10	537000	24@0	DFT_64QAM	20.70	-0.98	19.72	93.76	2000	PASS
n41	30	10	537000	12@6	DFT_64QAM	20.79	-0.98	19.81	95.72	2000	PASS
n41	30	10	537000	1@1	DFT_64QAM	20.69	-0.98	19.71	93.54	2000	PASS
n41	30	10	537000	1@22	DFT_64QAM	20.75	-0.98	19.77	94.84	2000	PASS
n41	30	10	537000	24@0	DFT_256QAM	18.68	-0.98	17.70	58.88	2000	PASS
n41	30	10	537000	12@6	DFT_256QAM	18.65	-0.98	17.67	58.48	2000	PASS
n41	30	10	537000	1@1	DFT_256QAM	18.68	-0.98	17.70	58.88	2000	PASS
n41	30	10	537000	1@22	DFT_256QAM	18.81	-0.98	17.83	60.67	2000	PASS
n41	30	10	537000	24@0	CP_QPSK	20.14	-0.98	19.16	82.41	2000	PASS
n41	30	10	537000	12@6	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS
n41	30	10	537000	1@1	CP_QPSK	21.66	-0.98	20.68	116.95	2000	PASS
n41	30	10	537000	1@22	CP_QPSK	21.77	-0.98	20.79	119.95	2000	PASS
n41	30	10	537000	24@0	CP_16QAM	20.16	-0.98	19.18	82.79	2000	PASS
n41	30	10	537000	12@6	CP_16QAM	21.05	-0.98	20.07	101.62	2000	PASS
n41	30	10	537000	1@1	CP_16QAM	21.00	-0.98	20.02	100.46	2000	PASS
n41	30	10	537000	1@22	CP_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	10	537000	24@0	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
n41	30	10	537000	12@6	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	10	537000	1@1	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS
n41	30	10	537000	1@22	CP_64QAM	19.71	-0.98	18.73	74.64	2000	PASS
n41	30	10	537000	24@0	CP_256QAM	16.65	-0.98	15.67	36.90	2000	PASS
n41	30	10	537000	12@6	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
n41	30	10	537000	1@1	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
n41	30	10	537000	1@22	CP_256QAM	16.67	-0.98	15.69	37.07	2000	PASS
n41	30	15	500700	36@0	DFT_BPSK	22.57	-0.98	21.59	144.21	2000	PASS
n41	30	15	500700	18@9	DFT_BPSK	23.08	-0.98	22.10	162.18	2000	PASS
n41	30	15	500700	1@1	DFT_BPSK	23.00	-0.98	22.02	159.22	2000	PASS
n41	30	15	500700	1@36	DFT_BPSK	23.01	-0.98	22.03	159.59	2000	PASS
n41	30	15	500700	36@0	DFT_QPSK	22.08	-0.98	21.10	128.82	2000	PASS
n41	30	15	500700	18@9	DFT_QPSK	23.04	-0.98	22.06	160.69	2000	PASS

n41	30	15	500700	1@1	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n41	30	15	500700	1@36	DFT_QPSK	23.01	-0.98	22.03	159.59	2000	PASS
n41	30	15	500700	36@0	DFT_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
n41	30	15	500700	18@9	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
n41	30	15	500700	1@1	DFT_16QAM	22.12	-0.98	21.14	130.02	2000	PASS
n41	30	15	500700	1@36	DFT_16QAM	22.12	-0.98	21.14	130.02	2000	PASS
n41	30	15	500700	36@0	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n41	30	15	500700	18@9	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
n41	30	15	500700	1@1	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	15	500700	1@36	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	15	500700	36@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n41	30	15	500700	18@9	DFT_256QAM	18.67	-0.98	17.69	58.75	2000	PASS
n41	30	15	500700	1@1	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
n41	30	15	500700	1@36	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n41	30	15	500700	38@0	CP_QPSK	20.14	-0.98	19.16	82.41	2000	PASS
n41	30	15	500700	19@9	CP_QPSK	21.59	-0.98	20.61	115.08	2000	PASS
n41	30	15	500700	1@1	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
n41	30	15	500700	1@36	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
n41	30	15	500700	38@0	CP_16QAM	20.06	-0.98	19.08	80.91	2000	PASS
n41	30	15	500700	19@9	CP_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
n41	30	15	500700	1@1	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n41	30	15	500700	1@36	CP_16QAM	20.91	-0.98	19.93	98.40	2000	PASS
n41	30	15	500700	38@0	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	15	500700	19@9	CP_64QAM	19.66	-0.98	18.68	73.79	2000	PASS
n41	30	15	500700	1@1	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n41	30	15	500700	1@36	CP_64QAM	19.45	-0.98	18.47	70.31	2000	PASS
n41	30	15	500700	38@0	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
n41	30	15	500700	19@9	CP_256QAM	16.58	-0.98	15.60	36.31	2000	PASS
n41	30	15	500700	1@1	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
n41	30	15	500700	1@36	CP_256QAM	16.60	-0.98	15.62	36.48	2000	PASS
n41	30	15	518598	36@0	DFT_BPSK	22.45	-0.98	21.47	140.28	2000	PASS
n41	30	15	518598	18@9	DFT_BPSK	22.95	-0.98	21.97	157.40	2000	PASS
n41	30	15	518598	1@1	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
n41	30	15	518598	1@36	DFT_BPSK	22.98	-0.98	22.00	158.49	2000	PASS
n41	30	15	518598	36@0	DFT_QPSK	21.99	-0.98	21.01	126.18	2000	PASS
n41	30	15	518598	18@9	DFT_QPSK	22.92	-0.98	21.94	156.31	2000	PASS
n41	30	15	518598	1@1	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
n41	30	15	518598	1@36	DFT_QPSK	23.00	-0.98	22.02	159.22	2000	PASS
n41	30	15	518598	36@0	DFT_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
n41	30	15	518598	18@9	DFT_16QAM	21.98	-0.98	21.00	125.89	2000	PASS
n41	30	15	518598	1@1	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
n41	30	15	518598	1@36	DFT_16QAM	22.08	-0.98	21.10	128.82	2000	PASS
n41	30	15	518598	36@0	DFT_64QAM	20.48	-0.98	19.50	89.13	2000	PASS

n41	30	15	518598	18@9	DFT_64QAM	20.43	-0.98	19.45	88.10	2000	PASS
n41	30	15	518598	1@1	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n41	30	15	518598	1@36	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
n41	30	15	518598	36@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n41	30	15	518598	18@9	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
n41	30	15	518598	1@1	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
n41	30	15	518598	1@36	DFT_256QAM	18.56	-0.98	17.58	57.28	2000	PASS
n41	30	15	518598	38@0	CP_QPSK	19.99	-0.98	19.01	79.62	2000	PASS
n41	30	15	518598	19@9	CP_QPSK	21.43	-0.98	20.45	110.92	2000	PASS
n41	30	15	518598	1@1	CP_QPSK	21.53	-0.98	20.55	113.50	2000	PASS
n41	30	15	518598	1@36	CP_QPSK	21.58	-0.98	20.60	114.82	2000	PASS
n41	30	15	518598	38@0	CP_16QAM	19.96	-0.98	18.98	79.07	2000	PASS
n41	30	15	518598	19@9	CP_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
n41	30	15	518598	1@1	CP_16QAM	20.90	-0.98	19.92	98.17	2000	PASS
n41	30	15	518598	1@36	CP_16QAM	21.00	-0.98	20.02	100.46	2000	PASS
n41	30	15	518598	38@0	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	15	518598	19@9	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n41	30	15	518598	1@1	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n41	30	15	518598	1@36	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n41	30	15	518598	38@0	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n41	30	15	518598	19@9	CP_256QAM	16.40	-0.98	15.42	34.83	2000	PASS
n41	30	15	518598	1@1	CP_256QAM	16.48	-0.98	15.50	35.48	2000	PASS
n41	30	15	518598	1@36	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
n41	30	15	536496	36@0	DFT_BPSK	22.57	-0.98	21.59	144.21	2000	PASS
n41	30	15	536496	18@9	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
n41	30	15	536496	1@1	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
n41	30	15	536496	1@36	DFT_BPSK	23.08	-0.98	22.10	162.18	2000	PASS
n41	30	15	536496	36@0	DFT_QPSK	22.06	-0.98	21.08	128.23	2000	PASS
n41	30	15	536496	18@9	DFT_QPSK	23.10	-0.98	22.12	162.93	2000	PASS
n41	30	15	536496	1@1	DFT_QPSK	22.95	-0.98	21.97	157.40	2000	PASS
n41	30	15	536496	1@36	DFT_QPSK	23.10	-0.98	22.12	162.93	2000	PASS
n41	30	15	536496	36@0	DFT_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
n41	30	15	536496	18@9	DFT_16QAM	22.12	-0.98	21.14	130.02	2000	PASS
n41	30	15	536496	1@1	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
n41	30	15	536496	1@36	DFT_16QAM	22.21	-0.98	21.23	132.74	2000	PASS
n41	30	15	536496	36@0	DFT_64QAM	20.68	-0.98	19.70	93.33	2000	PASS
n41	30	15	536496	18@9	DFT_64QAM	20.69	-0.98	19.71	93.54	2000	PASS
n41	30	15	536496	1@1	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
n41	30	15	536496	1@36	DFT_64QAM	20.69	-0.98	19.71	93.54	2000	PASS
n41	30	15	536496	36@0	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
n41	30	15	536496	18@9	DFT_256QAM	18.73	-0.98	17.75	59.57	2000	PASS
n41	30	15	536496	1@1	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
n41	30	15	536496	1@36	DFT_256QAM	18.69	-0.98	17.71	59.02	2000	PASS

n41	30	15	536496	38@0	CP_QPSK	20.12	-0.98	19.14	82.04	2000	PASS
n41	30	15	536496	19@9	CP_QPSK	21.58	-0.98	20.60	114.82	2000	PASS
n41	30	15	536496	1@1	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
n41	30	15	536496	1@36	CP_QPSK	21.65	-0.98	20.67	116.68	2000	PASS
n41	30	15	536496	38@0	CP_16QAM	20.10	-0.98	19.12	81.66	2000	PASS
n41	30	15	536496	19@9	CP_16QAM	21.11	-0.98	20.13	103.04	2000	PASS
n41	30	15	536496	1@1	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n41	30	15	536496	1@36	CP_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
n41	30	15	536496	38@0	CP_64QAM	19.63	-0.98	18.65	73.28	2000	PASS
n41	30	15	536496	19@9	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS
n41	30	15	536496	1@1	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n41	30	15	536496	1@36	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
n41	30	15	536496	38@0	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
n41	30	15	536496	19@9	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
n41	30	15	536496	1@1	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
n41	30	15	536496	1@36	CP_256QAM	16.71	-0.98	15.73	37.41	2000	PASS
n41	30	20	501204	50@0	DFT_BPSK	22.52	-0.98	21.54	142.56	2000	PASS
n41	30	20	501204	25@12	DFT_BPSK	23.06	-0.98	22.08	161.44	2000	PASS
n41	30	20	501204	1@1	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
n41	30	20	501204	1@49	DFT_BPSK	22.94	-0.98	21.96	157.04	2000	PASS
n41	30	20	501204	50@0	DFT_QPSK	22.02	-0.98	21.04	127.06	2000	PASS
n41	30	20	501204	25@12	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	20	501204	1@1	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
n41	30	20	501204	1@49	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n41	30	20	501204	50@0	DFT_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	20	501204	25@12	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS
n41	30	20	501204	1@1	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS
n41	30	20	501204	1@49	DFT_16QAM	22.10	-0.98	21.12	129.42	2000	PASS
n41	30	20	501204	50@0	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
n41	30	20	501204	25@12	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
n41	30	20	501204	1@1	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	20	501204	1@49	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n41	30	20	501204	50@0	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	20	501204	25@12	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
n41	30	20	501204	1@1	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
n41	30	20	501204	1@49	DFT_256QAM	18.56	-0.98	17.58	57.28	2000	PASS
n41	30	20	501204	51@0	CP_QPSK	20.08	-0.98	19.10	81.28	2000	PASS
n41	30	20	501204	25@12	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS
n41	30	20	501204	1@1	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	20	501204	1@49	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	20	501204	51@0	CP_16QAM	19.98	-0.98	19.00	79.43	2000	PASS
n41	30	20	501204	25@12	CP_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
n41	30	20	501204	1@1	CP_16QAM	20.86	-0.98	19.88	97.27	2000	PASS

n41	30	20	501204	1@49	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n41	30	20	501204	51@0	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
n41	30	20	501204	25@12	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS
n41	30	20	501204	1@1	CP_64QAM	19.40	-0.98	18.42	69.50	2000	PASS
n41	30	20	501204	1@49	CP_64QAM	19.40	-0.98	18.42	69.50	2000	PASS
n41	30	20	501204	51@0	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
n41	30	20	501204	25@12	CP_256QAM	16.58	-0.98	15.60	36.31	2000	PASS
n41	30	20	501204	1@1	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
n41	30	20	501204	1@49	CP_256QAM	16.58	-0.98	15.60	36.31	2000	PASS
n41	30	20	518598	50@0	DFT_BPSK	22.48	-0.98	21.50	141.25	2000	PASS
n41	30	20	518598	25@12	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	20	518598	1@1	DFT_BPSK	22.93	-0.98	21.95	156.68	2000	PASS
n41	30	20	518598	1@49	DFT_BPSK	23.03	-0.98	22.05	160.32	2000	PASS
n41	30	20	518598	50@0	DFT_QPSK	21.98	-0.98	21.00	125.89	2000	PASS
n41	30	20	518598	25@12	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n41	30	20	518598	1@1	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
n41	30	20	518598	1@49	DFT_QPSK	23.03	-0.98	22.05	160.32	2000	PASS
n41	30	20	518598	50@0	DFT_16QAM	21.00	-0.98	20.02	100.46	2000	PASS
n41	30	20	518598	25@12	DFT_16QAM	22.00	-0.98	21.02	126.47	2000	PASS
n41	30	20	518598	1@1	DFT_16QAM	22.05	-0.98	21.07	127.94	2000	PASS
n41	30	20	518598	1@49	DFT_16QAM	22.18	-0.98	21.20	131.83	2000	PASS
n41	30	20	518598	50@0	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n41	30	20	518598	25@12	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
n41	30	20	518598	1@1	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
n41	30	20	518598	1@49	DFT_64QAM	20.66	-0.98	19.68	92.90	2000	PASS
n41	30	20	518598	50@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n41	30	20	518598	25@12	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
n41	30	20	518598	1@1	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
n41	30	20	518598	1@49	DFT_256QAM	18.67	-0.98	17.69	58.75	2000	PASS
n41	30	20	518598	51@0	CP_QPSK	20.04	-0.98	19.06	80.54	2000	PASS
n41	30	20	518598	25@12	CP_QPSK	21.53	-0.98	20.55	113.50	2000	PASS
n41	30	20	518598	1@1	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
n41	30	20	518598	1@49	CP_QPSK	21.61	-0.98	20.63	115.61	2000	PASS
n41	30	20	518598	51@0	CP_16QAM	19.98	-0.98	19.00	79.43	2000	PASS
n41	30	20	518598	25@12	CP_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
n41	30	20	518598	1@1	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n41	30	20	518598	1@49	CP_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
n41	30	20	518598	51@0	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
n41	30	20	518598	25@12	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	20	518598	1@1	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
n41	30	20	518598	1@49	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	20	518598	51@0	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
n41	30	20	518598	25@12	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS

n41	30	20	518598	1@1	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n41	30	20	518598	1@49	CP_256QAM	16.66	-0.98	15.68	36.98	2000	PASS
n41	30	20	535998	50@0	DFT_BPSK	22.60	-0.98	21.62	145.21	2000	PASS
n41	30	20	535998	25@12	DFT_BPSK	23.16	-0.98	22.18	165.20	2000	PASS
n41	30	20	535998	1@1	DFT_BPSK	22.95	-0.98	21.97	157.40	2000	PASS
n41	30	20	535998	1@49	DFT_BPSK	23.14	-0.98	22.16	164.44	2000	PASS
n41	30	20	535998	50@0	DFT_QPSK	22.11	-0.98	21.13	129.72	2000	PASS
n41	30	20	535998	25@12	DFT_QPSK	23.11	-0.98	22.13	163.31	2000	PASS
n41	30	20	535998	1@1	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
n41	30	20	535998	1@49	DFT_QPSK	23.15	-0.98	22.17	164.82	2000	PASS
n41	30	20	535998	50@0	DFT_16QAM	21.08	-0.98	20.10	102.33	2000	PASS
n41	30	20	535998	25@12	DFT_16QAM	22.05	-0.98	21.07	127.94	2000	PASS
n41	30	20	535998	1@1	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
n41	30	20	535998	1@49	DFT_16QAM	22.29	-0.98	21.31	135.21	2000	PASS
n41	30	20	535998	50@0	DFT_64QAM	20.62	-0.98	19.64	92.04	2000	PASS
n41	30	20	535998	25@12	DFT_64QAM	20.64	-0.98	19.66	92.47	2000	PASS
n41	30	20	535998	1@1	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
n41	30	20	535998	1@49	DFT_64QAM	20.72	-0.98	19.74	94.19	2000	PASS
n41	30	20	535998	50@0	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
n41	30	20	535998	25@12	DFT_256QAM	18.58	-0.98	17.60	57.54	2000	PASS
n41	30	20	535998	1@1	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
n41	30	20	535998	1@49	DFT_256QAM	18.77	-0.98	17.79	60.12	2000	PASS
n41	30	20	535998	51@0	CP_QPSK	20.16	-0.98	19.18	82.79	2000	PASS
n41	30	20	535998	25@12	CP_QPSK	21.61	-0.98	20.63	115.61	2000	PASS
n41	30	20	535998	1@1	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	20	535998	1@49	CP_QPSK	21.72	-0.98	20.74	118.58	2000	PASS
n41	30	20	535998	51@0	CP_16QAM	20.12	-0.98	19.14	82.04	2000	PASS
n41	30	20	535998	25@12	CP_16QAM	21.19	-0.98	20.21	104.95	2000	PASS
n41	30	20	535998	1@1	CP_16QAM	20.90	-0.98	19.92	98.17	2000	PASS
n41	30	20	535998	1@49	CP_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	20	535998	51@0	CP_64QAM	19.69	-0.98	18.71	74.30	2000	PASS
n41	30	20	535998	25@12	CP_64QAM	19.67	-0.98	18.69	73.96	2000	PASS
n41	30	20	535998	1@1	CP_64QAM	19.41	-0.98	18.43	69.66	2000	PASS
n41	30	20	535998	1@49	CP_64QAM	19.61	-0.98	18.63	72.95	2000	PASS
n41	30	20	535998	51@0	CP_256QAM	16.62	-0.98	15.64	36.64	2000	PASS
n41	30	20	535998	25@12	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
n41	30	20	535998	1@1	CP_256QAM	16.50	-0.98	15.52	35.65	2000	PASS
n41	30	20	535998	1@49	CP_256QAM	16.73	-0.98	15.75	37.58	2000	PASS
n41	30	30	502200	75@0	DFT_BPSK	22.55	-0.98	21.57	143.55	2000	PASS
n41	30	30	502200	36@18	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
n41	30	30	502200	1@1	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
n41	30	30	502200	1@76	DFT_BPSK	22.88	-0.98	21.90	154.88	2000	PASS
n41	30	30	502200	75@0	DFT_QPSK	22.05	-0.98	21.07	127.94	2000	PASS

n41	30	30	502200	36@18	DFT_QPSK	23.05	-0.98	22.07	161.06	2000	PASS
n41	30	30	502200	1@1	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
n41	30	30	502200	1@76	DFT_QPSK	22.88	-0.98	21.90	154.88	2000	PASS
n41	30	30	502200	75@0	DFT_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	30	502200	36@18	DFT_16QAM	22.10	-0.98	21.12	129.42	2000	PASS
n41	30	30	502200	1@1	DFT_16QAM	22.02	-0.98	21.04	127.06	2000	PASS
n41	30	30	502200	1@76	DFT_16QAM	22.00	-0.98	21.02	126.47	2000	PASS
n41	30	30	502200	75@0	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
n41	30	30	502200	36@18	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
n41	30	30	502200	1@1	DFT_64QAM	20.50	-0.98	19.52	89.54	2000	PASS
n41	30	30	502200	1@76	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
n41	30	30	502200	75@0	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
n41	30	30	502200	36@18	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
n41	30	30	502200	1@1	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	30	502200	1@76	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
n41	30	30	502200	78@0	CP_QPSK	20.08	-0.98	19.10	81.28	2000	PASS
n41	30	30	502200	39@19	CP_QPSK	21.57	-0.98	20.59	114.55	2000	PASS
n41	30	30	502200	1@1	CP_QPSK	21.39	-0.98	20.41	109.90	2000	PASS
n41	30	30	502200	1@76	CP_QPSK	21.38	-0.98	20.40	109.65	2000	PASS
n41	30	30	502200	78@0	CP_16QAM	20.05	-0.98	19.07	80.72	2000	PASS
n41	30	30	502200	39@19	CP_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
n41	30	30	502200	1@1	CP_16QAM	20.85	-0.98	19.87	97.05	2000	PASS
n41	30	30	502200	1@76	CP_16QAM	20.85	-0.98	19.87	97.05	2000	PASS
n41	30	30	502200	78@0	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
n41	30	30	502200	39@19	CP_64QAM	19.56	-0.98	18.58	72.11	2000	PASS
n41	30	30	502200	1@1	CP_64QAM	19.36	-0.98	18.38	68.87	2000	PASS
n41	30	30	502200	1@76	CP_64QAM	19.33	-0.98	18.35	68.39	2000	PASS
n41	30	30	502200	78@0	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
n41	30	30	502200	39@19	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
n41	30	30	502200	1@1	CP_256QAM	16.74	-0.98	15.76	37.67	2000	PASS
n41	30	30	502200	1@76	CP_256QAM	16.60	-0.98	15.62	36.48	2000	PASS
n41	30	30	518598	75@0	DFT_BPSK	22.53	-0.98	21.55	142.89	2000	PASS
n41	30	30	518598	36@18	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	30	518598	1@1	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
n41	30	30	518598	1@76	DFT_BPSK	23.22	-0.98	22.24	167.49	2000	PASS
n41	30	30	518598	75@0	DFT_QPSK	22.04	-0.98	21.06	127.64	2000	PASS
n41	30	30	518598	36@18	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	30	518598	1@1	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
n41	30	30	518598	1@76	DFT_QPSK	23.22	-0.98	22.24	167.49	2000	PASS
n41	30	30	518598	75@0	DFT_16QAM	21.06	-0.98	20.08	101.86	2000	PASS
n41	30	30	518598	36@18	DFT_16QAM	22.02	-0.98	21.04	127.06	2000	PASS
n41	30	30	518598	1@1	DFT_16QAM	22.04	-0.98	21.06	127.64	2000	PASS
n41	30	30	518598	1@76	DFT_16QAM	22.34	-0.98	21.36	136.77	2000	PASS

n41	30	30	518598	75@0	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
n41	30	30	518598	36@18	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	30	518598	1@1	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	30	518598	1@76	DFT_64QAM	20.81	-0.98	19.83	96.16	2000	PASS
n41	30	30	518598	75@0	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
n41	30	30	518598	36@18	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
n41	30	30	518598	1@1	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
n41	30	30	518598	1@76	DFT_256QAM	18.79	-0.98	17.81	60.39	2000	PASS
n41	30	30	518598	78@0	CP_QPSK	20.08	-0.98	19.10	81.28	2000	PASS
n41	30	30	518598	39@19	CP_QPSK	21.50	-0.98	20.52	112.72	2000	PASS
n41	30	30	518598	1@1	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
n41	30	30	518598	1@76	CP_QPSK	21.69	-0.98	20.71	117.76	2000	PASS
n41	30	30	518598	78@0	CP_16QAM	20.04	-0.98	19.06	80.54	2000	PASS
n41	30	30	518598	39@19	CP_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
n41	30	30	518598	1@1	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n41	30	30	518598	1@76	CP_16QAM	21.15	-0.98	20.17	103.99	2000	PASS
n41	30	30	518598	78@0	CP_64QAM	19.58	-0.98	18.60	72.44	2000	PASS
n41	30	30	518598	39@19	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n41	30	30	518598	1@1	CP_64QAM	19.38	-0.98	18.40	69.18	2000	PASS
n41	30	30	518598	1@76	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS
n41	30	30	518598	78@0	CP_256QAM	16.62	-0.98	15.64	36.64	2000	PASS
n41	30	30	518598	39@19	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
n41	30	30	518598	1@1	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
n41	30	30	518598	1@76	CP_256QAM	16.94	-0.98	15.96	39.45	2000	PASS
n41	30	30	534996	75@0	DFT_BPSK	22.59	-0.98	21.61	144.88	2000	PASS
n41	30	30	534996	36@18	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
n41	30	30	534996	1@1	DFT_BPSK	22.98	-0.98	22.00	158.49	2000	PASS
n41	30	30	534996	1@76	DFT_BPSK	23.17	-0.98	22.19	165.58	2000	PASS
n41	30	30	534996	75@0	DFT_QPSK	22.12	-0.98	21.14	130.02	2000	PASS
n41	30	30	534996	36@18	DFT_QPSK	23.05	-0.98	22.07	161.06	2000	PASS
n41	30	30	534996	1@1	DFT_QPSK	22.98	-0.98	22.00	158.49	2000	PASS
n41	30	30	534996	1@76	DFT_QPSK	23.14	-0.98	22.16	164.44	2000	PASS
n41	30	30	534996	75@0	DFT_16QAM	21.10	-0.98	20.12	102.80	2000	PASS
n41	30	30	534996	36@18	DFT_16QAM	22.11	-0.98	21.13	129.72	2000	PASS
n41	30	30	534996	1@1	DFT_16QAM	22.09	-0.98	21.11	129.12	2000	PASS
n41	30	30	534996	1@76	DFT_16QAM	22.29	-0.98	21.31	135.21	2000	PASS
n41	30	30	534996	75@0	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n41	30	30	534996	36@18	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	30	534996	1@1	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	30	534996	1@76	DFT_64QAM	20.82	-0.98	19.84	96.38	2000	PASS
n41	30	30	534996	75@0	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n41	30	30	534996	36@18	DFT_256QAM	18.65	-0.98	17.67	58.48	2000	PASS
n41	30	30	534996	1@1	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS

n41	30	30	534996	1@76	DFT_256QAM	18.79	-0.98	17.81	60.39	2000	PASS
n41	30	30	534996	78@0	CP_QPSK	20.14	-0.98	19.16	82.41	2000	PASS
n41	30	30	534996	39@19	CP_QPSK	21.60	-0.98	20.62	115.35	2000	PASS
n41	30	30	534996	1@1	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	30	534996	1@76	CP_QPSK	21.69	-0.98	20.71	117.76	2000	PASS
n41	30	30	534996	78@0	CP_16QAM	20.09	-0.98	19.11	81.47	2000	PASS
n41	30	30	534996	39@19	CP_16QAM	21.05	-0.98	20.07	101.62	2000	PASS
n41	30	30	534996	1@1	CP_16QAM	20.97	-0.98	19.99	99.77	2000	PASS
n41	30	30	534996	1@76	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
n41	30	30	534996	78@0	CP_64QAM	19.61	-0.98	18.63	72.95	2000	PASS
n41	30	30	534996	39@19	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	30	534996	1@1	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n41	30	30	534996	1@76	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS
n41	30	30	534996	78@0	CP_256QAM	16.68	-0.98	15.70	37.15	2000	PASS
n41	30	30	534996	39@19	CP_256QAM	16.63	-0.98	15.65	36.73	2000	PASS
n41	30	30	534996	1@1	CP_256QAM	16.75	-0.98	15.77	37.76	2000	PASS
n41	30	30	534996	1@76	CP_256QAM	16.90	-0.98	15.92	39.08	2000	PASS
n41	30	40	503202	100@0	DFT_BPSK	22.51	-0.98	21.53	142.23	2000	PASS
n41	30	40	503202	50@25	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	40	503202	1@1	DFT_BPSK	22.87	-0.98	21.89	154.53	2000	PASS
n41	30	40	503202	1@104	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS
n41	30	40	503202	100@0	DFT_QPSK	22.00	-0.98	21.02	126.47	2000	PASS
n41	30	40	503202	50@25	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	40	503202	1@1	DFT_QPSK	22.86	-0.98	21.88	154.17	2000	PASS
n41	30	40	503202	1@104	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
n41	30	40	503202	100@0	DFT_16QAM	20.98	-0.98	20.00	100.00	2000	PASS
n41	30	40	503202	50@25	DFT_16QAM	22.03	-0.98	21.05	127.35	2000	PASS
n41	30	40	503202	1@1	DFT_16QAM	21.99	-0.98	21.01	126.18	2000	PASS
n41	30	40	503202	1@104	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
n41	30	40	503202	100@0	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
n41	30	40	503202	50@25	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	40	503202	1@1	DFT_64QAM	20.48	-0.98	19.50	89.13	2000	PASS
n41	30	40	503202	1@104	DFT_64QAM	20.40	-0.98	19.42	87.50	2000	PASS
n41	30	40	503202	100@0	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
n41	30	40	503202	50@25	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
n41	30	40	503202	1@1	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	40	503202	1@104	DFT_256QAM	18.41	-0.98	17.43	55.34	2000	PASS
n41	30	40	503202	106@0	CP_QPSK	20.03	-0.98	19.05	80.35	2000	PASS
n41	30	40	503202	53@26	CP_QPSK	21.47	-0.98	20.49	111.94	2000	PASS
n41	30	40	503202	1@1	CP_QPSK	21.40	-0.98	20.42	110.15	2000	PASS
n41	30	40	503202	1@104	CP_QPSK	21.35	-0.98	20.37	108.89	2000	PASS
n41	30	40	503202	106@0	CP_16QAM	20.03	-0.98	19.05	80.35	2000	PASS
n41	30	40	503202	53@26	CP_16QAM	20.93	-0.98	19.95	98.86	2000	PASS

n41	30	40	503202	1@1	CP_16QAM	20.79	-0.98	19.81	95.72	2000	PASS
n41	30	40	503202	1@104	CP_16QAM	20.75	-0.98	19.77	94.84	2000	PASS
n41	30	40	503202	106@0	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n41	30	40	503202	53@26	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
n41	30	40	503202	1@1	CP_64QAM	19.34	-0.98	18.36	68.55	2000	PASS
n41	30	40	503202	1@104	CP_64QAM	19.27	-0.98	18.29	67.45	2000	PASS
n41	30	40	503202	106@0	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
n41	30	40	503202	53@26	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n41	30	40	503202	1@1	CP_256QAM	16.73	-0.98	15.75	37.58	2000	PASS
n41	30	40	503202	1@104	CP_256QAM	16.67	-0.98	15.69	37.07	2000	PASS
n41	30	40	518598	100@0	DFT_BPSK	22.55	-0.98	21.57	143.55	2000	PASS
n41	30	40	518598	50@25	DFT_BPSK	23.01	-0.98	22.03	159.59	2000	PASS
n41	30	40	518598	1@1	DFT_BPSK	22.82	-0.98	21.84	152.76	2000	PASS
n41	30	40	518598	1@104	DFT_BPSK	23.23	-0.98	22.25	167.88	2000	PASS
n41	30	40	518598	100@0	DFT_QPSK	22.07	-0.98	21.09	128.53	2000	PASS
n41	30	40	518598	50@25	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	40	518598	1@1	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS
n41	30	40	518598	1@104	DFT_QPSK	23.24	-0.98	22.26	168.27	2000	PASS
n41	30	40	518598	100@0	DFT_16QAM	21.05	-0.98	20.07	101.62	2000	PASS
n41	30	40	518598	50@25	DFT_16QAM	22.02	-0.98	21.04	127.06	2000	PASS
n41	30	40	518598	1@1	DFT_16QAM	21.95	-0.98	20.97	125.03	2000	PASS
n41	30	40	518598	1@104	DFT_16QAM	22.33	-0.98	21.35	136.46	2000	PASS
n41	30	40	518598	100@0	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
n41	30	40	518598	50@25	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
n41	30	40	518598	1@1	DFT_64QAM	20.42	-0.98	19.44	87.90	2000	PASS
n41	30	40	518598	1@104	DFT_64QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	40	518598	100@0	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n41	30	40	518598	50@25	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
n41	30	40	518598	1@1	DFT_256QAM	18.42	-0.98	17.44	55.46	2000	PASS
n41	30	40	518598	1@104	DFT_256QAM	18.83	-0.98	17.85	60.95	2000	PASS
n41	30	40	518598	106@0	CP_QPSK	20.08	-0.98	19.10	81.28	2000	PASS
n41	30	40	518598	53@26	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
n41	30	40	518598	1@1	CP_QPSK	21.39	-0.98	20.41	109.90	2000	PASS
n41	30	40	518598	1@104	CP_QPSK	21.76	-0.98	20.78	119.67	2000	PASS
n41	30	40	518598	106@0	CP_16QAM	20.05	-0.98	19.07	80.72	2000	PASS
n41	30	40	518598	53@26	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n41	30	40	518598	1@1	CP_16QAM	20.81	-0.98	19.83	96.16	2000	PASS
n41	30	40	518598	1@104	CP_16QAM	21.23	-0.98	20.25	105.93	2000	PASS
n41	30	40	518598	106@0	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
n41	30	40	518598	53@26	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	40	518598	1@1	CP_64QAM	19.31	-0.98	18.33	68.08	2000	PASS
n41	30	40	518598	1@104	CP_64QAM	19.70	-0.98	18.72	74.47	2000	PASS
n41	30	40	518598	106@0	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS

n41	30	40	518598	53@26	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
n41	30	40	518598	1@1	CP_256QAM	16.60	-0.98	15.62	36.48	2000	PASS
n41	30	40	518598	1@104	CP_256QAM	17.08	-0.98	16.10	40.74	2000	PASS
n41	30	40	534000	100@0	DFT_BPSK	22.63	-0.98	21.65	146.22	2000	PASS
n41	30	40	534000	50@25	DFT_BPSK	23.10	-0.98	22.12	162.93	2000	PASS
n41	30	40	534000	1@1	DFT_BPSK	22.97	-0.98	21.99	158.12	2000	PASS
n41	30	40	534000	1@104	DFT_BPSK	23.21	-0.98	22.23	167.11	2000	PASS
n41	30	40	534000	100@0	DFT_QPSK	22.13	-0.98	21.15	130.32	2000	PASS
n41	30	40	534000	50@25	DFT_QPSK	23.07	-0.98	22.09	161.81	2000	PASS
n41	30	40	534000	1@1	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	40	534000	1@104	DFT_QPSK	23.18	-0.98	22.20	165.96	2000	PASS
n41	30	40	534000	100@0	DFT_16QAM	21.13	-0.98	20.15	103.51	2000	PASS
n41	30	40	534000	50@25	DFT_16QAM	22.09	-0.98	21.11	129.12	2000	PASS
n41	30	40	534000	1@1	DFT_16QAM	22.11	-0.98	21.13	129.72	2000	PASS
n41	30	40	534000	1@104	DFT_16QAM	22.32	-0.98	21.34	136.14	2000	PASS
n41	30	40	534000	100@0	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
n41	30	40	534000	50@25	DFT_64QAM	20.62	-0.98	19.64	92.04	2000	PASS
n41	30	40	534000	1@1	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
n41	30	40	534000	1@104	DFT_64QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	40	534000	100@0	DFT_256QAM	18.69	-0.98	17.71	59.02	2000	PASS
n41	30	40	534000	50@25	DFT_256QAM	18.68	-0.98	17.70	58.88	2000	PASS
n41	30	40	534000	1@1	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
n41	30	40	534000	1@104	DFT_256QAM	18.83	-0.98	17.85	60.95	2000	PASS
n41	30	40	534000	106@0	CP_QPSK	20.14	-0.98	19.16	82.41	2000	PASS
n41	30	40	534000	53@26	CP_QPSK	21.56	-0.98	20.58	114.29	2000	PASS
n41	30	40	534000	1@1	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
n41	30	40	534000	1@104	CP_QPSK	21.71	-0.98	20.73	118.30	2000	PASS
n41	30	40	534000	106@0	CP_16QAM	20.16	-0.98	19.18	82.79	2000	PASS
n41	30	40	534000	53@26	CP_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
n41	30	40	534000	1@1	CP_16QAM	20.91	-0.98	19.93	98.40	2000	PASS
n41	30	40	534000	1@104	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
n41	30	40	534000	106@0	CP_64QAM	19.65	-0.98	18.67	73.62	2000	PASS
n41	30	40	534000	53@26	CP_64QAM	19.65	-0.98	18.67	73.62	2000	PASS
n41	30	40	534000	1@1	CP_64QAM	19.44	-0.98	18.46	70.15	2000	PASS
n41	30	40	534000	1@104	CP_64QAM	19.70	-0.98	18.72	74.47	2000	PASS
n41	30	40	534000	106@0	CP_256QAM	16.69	-0.98	15.71	37.24	2000	PASS
n41	30	40	534000	53@26	CP_256QAM	16.65	-0.98	15.67	36.90	2000	PASS
n41	30	40	534000	1@1	CP_256QAM	16.80	-0.98	15.82	38.19	2000	PASS
n41	30	40	534000	1@104	CP_256QAM	16.94	-0.98	15.96	39.45	2000	PASS
n41	30	50	504204	128@0	DFT_BPSK	22.50	-0.98	21.52	141.91	2000	PASS
n41	30	50	504204	64@32	DFT_BPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	50	504204	1@1	DFT_BPSK	22.86	-0.98	21.88	154.17	2000	PASS
n41	30	50	504204	1@131	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS

n41	30	50	504204	128@0	DFT_QPSK	21.99	-0.98	21.01	126.18	2000	PASS
n41	30	50	504204	64@32	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	50	504204	1@1	DFT_QPSK	22.86	-0.98	21.88	154.17	2000	PASS
n41	30	50	504204	1@131	DFT_QPSK	22.85	-0.98	21.87	153.82	2000	PASS
n41	30	50	504204	128@0	DFT_16QAM	21.00	-0.98	20.02	100.46	2000	PASS
n41	30	50	504204	64@32	DFT_16QAM	21.98	-0.98	21.00	125.89	2000	PASS
n41	30	50	504204	1@1	DFT_16QAM	22.02	-0.98	21.04	127.06	2000	PASS
n41	30	50	504204	1@131	DFT_16QAM	21.95	-0.98	20.97	125.03	2000	PASS
n41	30	50	504204	128@0	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n41	30	50	504204	64@32	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	50	504204	1@1	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
n41	30	50	504204	1@131	DFT_64QAM	20.42	-0.98	19.44	87.90	2000	PASS
n41	30	50	504204	128@0	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	50	504204	64@32	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n41	30	50	504204	1@1	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
n41	30	50	504204	1@131	DFT_256QAM	18.47	-0.98	17.49	56.10	2000	PASS
n41	30	50	504204	133@0	CP_QPSK	20.00	-0.98	19.02	79.80	2000	PASS
n41	30	50	504204	67@33	CP_QPSK	21.48	-0.98	20.50	112.20	2000	PASS
n41	30	50	504204	1@1	CP_QPSK	21.40	-0.98	20.42	110.15	2000	PASS
n41	30	50	504204	1@131	CP_QPSK	21.33	-0.98	20.35	108.39	2000	PASS
n41	30	50	504204	133@0	CP_16QAM	19.93	-0.98	18.95	78.52	2000	PASS
n41	30	50	504204	67@33	CP_16QAM	20.97	-0.98	19.99	99.77	2000	PASS
n41	30	50	504204	1@1	CP_16QAM	20.79	-0.98	19.81	95.72	2000	PASS
n41	30	50	504204	1@131	CP_16QAM	20.77	-0.98	19.79	95.28	2000	PASS
n41	30	50	504204	133@0	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n41	30	50	504204	67@33	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
n41	30	50	504204	1@1	CP_64QAM	19.28	-0.98	18.30	67.61	2000	PASS
n41	30	50	504204	1@131	CP_64QAM	19.28	-0.98	18.30	67.61	2000	PASS
n41	30	50	504204	133@0	CP_256QAM	16.47	-0.98	15.49	35.40	2000	PASS
n41	30	50	504204	67@33	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n41	30	50	504204	1@1	CP_256QAM	16.72	-0.98	15.74	37.50	2000	PASS
n41	30	50	504204	1@131	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
n41	30	50	518598	128@0	DFT_BPSK	22.59	-0.98	21.61	144.88	2000	PASS
n41	30	50	518598	64@32	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
n41	30	50	518598	1@1	DFT_BPSK	22.78	-0.98	21.80	151.36	2000	PASS
n41	30	50	518598	1@131	DFT_BPSK	23.21	-0.98	22.23	167.11	2000	PASS
n41	30	50	518598	128@0	DFT_QPSK	22.11	-0.98	21.13	129.72	2000	PASS
n41	30	50	518598	64@32	DFT_QPSK	23.04	-0.98	22.06	160.69	2000	PASS
n41	30	50	518598	1@1	DFT_QPSK	22.78	-0.98	21.80	151.36	2000	PASS
n41	30	50	518598	1@131	DFT_QPSK	23.20	-0.98	22.22	166.72	2000	PASS
n41	30	50	518598	128@0	DFT_16QAM	21.09	-0.98	20.11	102.57	2000	PASS
n41	30	50	518598	64@32	DFT_16QAM	22.00	-0.98	21.02	126.47	2000	PASS
n41	30	50	518598	1@1	DFT_16QAM	21.92	-0.98	20.94	124.17	2000	PASS

n41	30	50	518598	1@131	DFT_16QAM	22.34	-0.98	21.36	136.77	2000	PASS
n41	30	50	518598	128@0	DFT_64QAM	20.58	-0.98	19.60	91.20	2000	PASS
n41	30	50	518598	64@32	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	50	518598	1@1	DFT_64QAM	20.34	-0.98	19.36	86.30	2000	PASS
n41	30	50	518598	1@131	DFT_64QAM	20.77	-0.98	19.79	95.28	2000	PASS
n41	30	50	518598	128@0	DFT_256QAM	18.65	-0.98	17.67	58.48	2000	PASS
n41	30	50	518598	64@32	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n41	30	50	518598	1@1	DFT_256QAM	18.42	-0.98	17.44	55.46	2000	PASS
n41	30	50	518598	1@131	DFT_256QAM	18.80	-0.98	17.82	60.53	2000	PASS
n41	30	50	518598	133@0	CP_QPSK	20.12	-0.98	19.14	82.04	2000	PASS
n41	30	50	518598	67@33	CP_QPSK	21.56	-0.98	20.58	114.29	2000	PASS
n41	30	50	518598	1@1	CP_QPSK	21.32	-0.98	20.34	108.14	2000	PASS
n41	30	50	518598	1@131	CP_QPSK	21.75	-0.98	20.77	119.40	2000	PASS
n41	30	50	518598	133@0	CP_16QAM	20.11	-0.98	19.13	81.85	2000	PASS
n41	30	50	518598	67@33	CP_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
n41	30	50	518598	1@1	CP_16QAM	20.74	-0.98	19.76	94.62	2000	PASS
n41	30	50	518598	1@131	CP_16QAM	21.15	-0.98	20.17	103.99	2000	PASS
n41	30	50	518598	133@0	CP_64QAM	19.61	-0.98	18.63	72.95	2000	PASS
n41	30	50	518598	67@33	CP_64QAM	19.61	-0.98	18.63	72.95	2000	PASS
n41	30	50	518598	1@1	CP_64QAM	19.24	-0.98	18.26	66.99	2000	PASS
n41	30	50	518598	1@131	CP_64QAM	19.66	-0.98	18.68	73.79	2000	PASS
n41	30	50	518598	133@0	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
n41	30	50	518598	67@33	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
n41	30	50	518598	1@1	CP_256QAM	16.60	-0.98	15.62	36.48	2000	PASS
n41	30	50	518598	1@131	CP_256QAM	17.04	-0.98	16.06	40.36	2000	PASS
n41	30	50	532998	128@0	DFT_BPSK	22.63	-0.98	21.65	146.22	2000	PASS
n41	30	50	532998	64@32	DFT_BPSK	23.16	-0.98	22.18	165.20	2000	PASS
n41	30	50	532998	1@1	DFT_BPSK	22.96	-0.98	21.98	157.76	2000	PASS
n41	30	50	532998	1@131	DFT_BPSK	23.19	-0.98	22.21	166.34	2000	PASS
n41	30	50	532998	128@0	DFT_QPSK	22.16	-0.98	21.18	131.22	2000	PASS
n41	30	50	532998	64@32	DFT_QPSK	23.12	-0.98	22.14	163.68	2000	PASS
n41	30	50	532998	1@1	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
n41	30	50	532998	1@131	DFT_QPSK	23.17	-0.98	22.19	165.58	2000	PASS
n41	30	50	532998	128@0	DFT_16QAM	21.16	-0.98	20.18	104.23	2000	PASS
n41	30	50	532998	64@32	DFT_16QAM	22.11	-0.98	21.13	129.72	2000	PASS
n41	30	50	532998	1@1	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
n41	30	50	532998	1@131	DFT_16QAM	22.31	-0.98	21.33	135.83	2000	PASS
n41	30	50	532998	128@0	DFT_64QAM	20.65	-0.98	19.67	92.68	2000	PASS
n41	30	50	532998	64@32	DFT_64QAM	20.65	-0.98	19.67	92.68	2000	PASS
n41	30	50	532998	1@1	DFT_64QAM	20.50	-0.98	19.52	89.54	2000	PASS
n41	30	50	532998	1@131	DFT_64QAM	20.78	-0.98	19.80	95.50	2000	PASS
n41	30	50	532998	128@0	DFT_256QAM	18.71	-0.98	17.73	59.29	2000	PASS
n41	30	50	532998	64@32	DFT_256QAM	18.72	-0.98	17.74	59.43	2000	PASS

n41	30	50	532998	1@1	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n41	30	50	532998	1@131	DFT_256QAM	18.82	-0.98	17.84	60.81	2000	PASS
n41	30	50	532998	133@0	CP_QPSK	20.14	-0.98	19.16	82.41	2000	PASS
n41	30	50	532998	67@33	CP_QPSK	21.64	-0.98	20.66	116.41	2000	PASS
n41	30	50	532998	1@1	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
n41	30	50	532998	1@131	CP_QPSK	21.71	-0.98	20.73	118.30	2000	PASS
n41	30	50	532998	133@0	CP_16QAM	20.11	-0.98	19.13	81.85	2000	PASS
n41	30	50	532998	67@33	CP_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
n41	30	50	532998	1@1	CP_16QAM	20.88	-0.98	19.90	97.72	2000	PASS
n41	30	50	532998	1@131	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
n41	30	50	532998	133@0	CP_64QAM	19.62	-0.98	18.64	73.11	2000	PASS
n41	30	50	532998	67@33	CP_64QAM	19.68	-0.98	18.70	74.13	2000	PASS
n41	30	50	532998	1@1	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n41	30	50	532998	1@131	CP_64QAM	19.68	-0.98	18.70	74.13	2000	PASS
n41	30	50	532998	133@0	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
n41	30	50	532998	67@33	CP_256QAM	16.70	-0.98	15.72	37.33	2000	PASS
n41	30	50	532998	1@1	CP_256QAM	16.79	-0.98	15.81	38.11	2000	PASS
n41	30	50	532998	1@131	CP_256QAM	17.03	-0.98	16.05	40.27	2000	PASS
n41	30	60	505200	162@0	DFT_BPSK	22.37	-0.98	21.39	137.72	2000	PASS
n41	30	60	505200	81@40	DFT_BPSK	22.90	-0.98	21.92	155.60	2000	PASS
n41	30	60	505200	1@1	DFT_BPSK	22.78	-0.98	21.80	151.36	2000	PASS
n41	30	60	505200	1@160	DFT_BPSK	22.75	-0.98	21.77	150.31	2000	PASS
n41	30	60	505200	162@0	DFT_QPSK	21.92	-0.98	20.94	124.17	2000	PASS
n41	30	60	505200	81@40	DFT_QPSK	22.91	-0.98	21.93	155.96	2000	PASS
n41	30	60	505200	1@1	DFT_QPSK	22.76	-0.98	21.78	150.66	2000	PASS
n41	30	60	505200	1@160	DFT_QPSK	22.73	-0.98	21.75	149.62	2000	PASS
n41	30	60	505200	162@0	DFT_16QAM	20.89	-0.98	19.91	97.95	2000	PASS
n41	30	60	505200	81@40	DFT_16QAM	21.90	-0.98	20.92	123.59	2000	PASS
n41	30	60	505200	1@1	DFT_16QAM	21.89	-0.98	20.91	123.31	2000	PASS
n41	30	60	505200	1@160	DFT_16QAM	21.83	-0.98	20.85	121.62	2000	PASS
n41	30	60	505200	162@0	DFT_64QAM	20.39	-0.98	19.41	87.30	2000	PASS
n41	30	60	505200	81@40	DFT_64QAM	20.40	-0.98	19.42	87.50	2000	PASS
n41	30	60	505200	1@1	DFT_64QAM	20.37	-0.98	19.39	86.90	2000	PASS
n41	30	60	505200	1@160	DFT_64QAM	20.35	-0.98	19.37	86.50	2000	PASS
n41	30	60	505200	162@0	DFT_256QAM	18.40	-0.98	17.42	55.21	2000	PASS
n41	30	60	505200	81@40	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	60	505200	1@1	DFT_256QAM	18.33	-0.98	17.35	54.33	2000	PASS
n41	30	60	505200	1@160	DFT_256QAM	18.30	-0.98	17.32	53.95	2000	PASS
n41	30	60	505200	162@0	CP_QPSK	19.89	-0.98	18.91	77.80	2000	PASS
n41	30	60	505200	81@40	CP_QPSK	21.39	-0.98	20.41	109.90	2000	PASS
n41	30	60	505200	1@1	CP_QPSK	21.26	-0.98	20.28	106.66	2000	PASS
n41	30	60	505200	1@160	CP_QPSK	21.24	-0.98	20.26	106.17	2000	PASS
n41	30	60	505200	162@0	CP_16QAM	19.88	-0.98	18.90	77.62	2000	PASS

n41	30	60	505200	81@40	CP_16QAM	20.87	-0.98	19.89	97.50	2000	PASS
n41	30	60	505200	1@1	CP_16QAM	20.69	-0.98	19.71	93.54	2000	PASS
n41	30	60	505200	1@160	CP_16QAM	20.69	-0.98	19.71	93.54	2000	PASS
n41	30	60	505200	162@0	CP_64QAM	19.40	-0.98	18.42	69.50	2000	PASS
n41	30	60	505200	81@40	CP_64QAM	19.43	-0.98	18.45	69.98	2000	PASS
n41	30	60	505200	1@1	CP_64QAM	19.21	-0.98	18.23	66.53	2000	PASS
n41	30	60	505200	1@160	CP_64QAM	19.14	-0.98	18.16	65.46	2000	PASS
n41	30	60	505200	162@0	CP_256QAM	16.38	-0.98	15.40	34.67	2000	PASS
n41	30	60	505200	81@40	CP_256QAM	16.41	-0.98	15.43	34.91	2000	PASS
n41	30	60	505200	1@1	CP_256QAM	16.66	-0.98	15.68	36.98	2000	PASS
n41	30	60	505200	1@160	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
n41	30	60	518598	162@0	DFT_BPSK	22.55	-0.98	21.57	143.55	2000	PASS
n41	30	60	518598	81@40	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
n41	30	60	518598	1@1	DFT_BPSK	22.68	-0.98	21.70	147.91	2000	PASS
n41	30	60	518598	1@160	DFT_BPSK	23.15	-0.98	22.17	164.82	2000	PASS
n41	30	60	518598	162@0	DFT_QPSK	22.05	-0.98	21.07	127.94	2000	PASS
n41	30	60	518598	81@40	DFT_QPSK	23.01	-0.98	22.03	159.59	2000	PASS
n41	30	60	518598	1@1	DFT_QPSK	22.70	-0.98	21.72	148.59	2000	PASS
n41	30	60	518598	1@160	DFT_QPSK	23.14	-0.98	22.16	164.44	2000	PASS
n41	30	60	518598	162@0	DFT_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
n41	30	60	518598	81@40	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS
n41	30	60	518598	1@1	DFT_16QAM	21.79	-0.98	20.81	120.50	2000	PASS
n41	30	60	518598	1@160	DFT_16QAM	22.25	-0.98	21.27	133.97	2000	PASS
n41	30	60	518598	162@0	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
n41	30	60	518598	81@40	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
n41	30	60	518598	1@1	DFT_64QAM	20.32	-0.98	19.34	85.90	2000	PASS
n41	30	60	518598	1@160	DFT_64QAM	20.76	-0.98	19.78	95.06	2000	PASS
n41	30	60	518598	162@0	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
n41	30	60	518598	81@40	DFT_256QAM	18.63	-0.98	17.65	58.21	2000	PASS
n41	30	60	518598	1@1	DFT_256QAM	18.31	-0.98	17.33	54.08	2000	PASS
n41	30	60	518598	1@160	DFT_256QAM	18.77	-0.98	17.79	60.12	2000	PASS
n41	30	60	518598	162@0	CP_QPSK	20.06	-0.98	19.08	80.91	2000	PASS
n41	30	60	518598	81@40	CP_QPSK	21.53	-0.98	20.55	113.50	2000	PASS
n41	30	60	518598	1@1	CP_QPSK	21.22	-0.98	20.24	105.68	2000	PASS
n41	30	60	518598	1@160	CP_QPSK	21.69	-0.98	20.71	117.76	2000	PASS
n41	30	60	518598	162@0	CP_16QAM	20.04	-0.98	19.06	80.54	2000	PASS
n41	30	60	518598	81@40	CP_16QAM	21.00	-0.98	20.02	100.46	2000	PASS
n41	30	60	518598	1@1	CP_16QAM	20.68	-0.98	19.70	93.33	2000	PASS
n41	30	60	518598	1@160	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
n41	30	60	518598	162@0	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	60	518598	81@40	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
n41	30	60	518598	1@1	CP_64QAM	19.17	-0.98	18.19	65.92	2000	PASS
n41	30	60	518598	1@160	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS

n41	30	60	518598	162@0	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n41	30	60	518598	81@40	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
n41	30	60	518598	1@1	CP_256QAM	16.50	-0.98	15.52	35.65	2000	PASS
n41	30	60	518598	1@160	CP_256QAM	17.02	-0.98	16.04	40.18	2000	PASS
n41	30	60	531996	162@0	DFT_BPSK	22.61	-0.98	21.63	145.55	2000	PASS
n41	30	60	531996	81@40	DFT_BPSK	23.12	-0.98	22.14	163.68	2000	PASS
n41	30	60	531996	1@1	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
n41	30	60	531996	1@160	DFT_BPSK	23.19	-0.98	22.21	166.34	2000	PASS
n41	30	60	531996	162@0	DFT_QPSK	22.13	-0.98	21.15	130.32	2000	PASS
n41	30	60	531996	81@40	DFT_QPSK	23.12	-0.98	22.14	163.68	2000	PASS
n41	30	60	531996	1@1	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
n41	30	60	531996	1@160	DFT_QPSK	23.18	-0.98	22.20	165.96	2000	PASS
n41	30	60	531996	162@0	DFT_16QAM	21.11	-0.98	20.13	103.04	2000	PASS
n41	30	60	531996	81@40	DFT_16QAM	22.12	-0.98	21.14	130.02	2000	PASS
n41	30	60	531996	1@1	DFT_16QAM	22.01	-0.98	21.03	126.77	2000	PASS
n41	30	60	531996	1@160	DFT_16QAM	22.31	-0.98	21.33	135.83	2000	PASS
n41	30	60	531996	162@0	DFT_64QAM	20.63	-0.98	19.65	92.26	2000	PASS
n41	30	60	531996	81@40	DFT_64QAM	20.64	-0.98	19.66	92.47	2000	PASS
n41	30	60	531996	1@1	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
n41	30	60	531996	1@160	DFT_64QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	60	531996	162@0	DFT_256QAM	18.64	-0.98	17.66	58.34	2000	PASS
n41	30	60	531996	81@40	DFT_256QAM	18.66	-0.98	17.68	58.61	2000	PASS
n41	30	60	531996	1@1	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
n41	30	60	531996	1@160	DFT_256QAM	18.84	-0.98	17.86	61.09	2000	PASS
n41	30	60	531996	162@0	CP_QPSK	20.10	-0.98	19.12	81.66	2000	PASS
n41	30	60	531996	81@40	CP_QPSK	21.60	-0.98	20.62	115.35	2000	PASS
n41	30	60	531996	1@1	CP_QPSK	21.42	-0.98	20.44	110.66	2000	PASS
n41	30	60	531996	1@160	CP_QPSK	21.70	-0.98	20.72	118.03	2000	PASS
n41	30	60	531996	162@0	CP_16QAM	20.09	-0.98	19.11	81.47	2000	PASS
n41	30	60	531996	81@40	CP_16QAM	21.08	-0.98	20.10	102.33	2000	PASS
n41	30	60	531996	1@1	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	60	531996	1@160	CP_16QAM	21.17	-0.98	20.19	104.47	2000	PASS
n41	30	60	531996	162@0	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	60	531996	81@40	CP_64QAM	19.62	-0.98	18.64	73.11	2000	PASS
n41	30	60	531996	1@1	CP_64QAM	19.37	-0.98	18.39	69.02	2000	PASS
n41	30	60	531996	1@160	CP_64QAM	19.70	-0.98	18.72	74.47	2000	PASS
n41	30	60	531996	162@0	CP_256QAM	16.65	-0.98	15.67	36.90	2000	PASS
n41	30	60	531996	81@40	CP_256QAM	16.65	-0.98	15.67	36.90	2000	PASS
n41	30	60	531996	1@1	CP_256QAM	16.69	-0.98	15.71	37.24	2000	PASS
n41	30	60	531996	1@160	CP_256QAM	17.07	-0.98	16.09	40.64	2000	PASS
n41	30	80	507204	216@0	DFT_BPSK	22.45	-0.98	21.47	140.28	2000	PASS
n41	30	80	507204	108@54	DFT_BPSK	22.96	-0.98	21.98	157.76	2000	PASS
n41	30	80	507204	1@1	DFT_BPSK	22.89	-0.98	21.91	155.24	2000	PASS

n41	30	80	507204	1@215	DFT_BPSK	22.82	-0.98	21.84	152.76	2000	PASS
n41	30	80	507204	216@0	DFT_QPSK	21.95	-0.98	20.97	125.03	2000	PASS
n41	30	80	507204	108@54	DFT_QPSK	22.95	-0.98	21.97	157.40	2000	PASS
n41	30	80	507204	1@1	DFT_QPSK	22.90	-0.98	21.92	155.60	2000	PASS
n41	30	80	507204	1@215	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS
n41	30	80	507204	216@0	DFT_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
n41	30	80	507204	108@54	DFT_16QAM	21.92	-0.98	20.94	124.17	2000	PASS
n41	30	80	507204	1@1	DFT_16QAM	22.04	-0.98	21.06	127.64	2000	PASS
n41	30	80	507204	1@215	DFT_16QAM	21.91	-0.98	20.93	123.88	2000	PASS
n41	30	80	507204	216@0	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
n41	30	80	507204	108@54	DFT_64QAM	20.47	-0.98	19.49	88.92	2000	PASS
n41	30	80	507204	1@1	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
n41	30	80	507204	1@215	DFT_64QAM	20.43	-0.98	19.45	88.10	2000	PASS
n41	30	80	507204	216@0	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
n41	30	80	507204	108@54	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	80	507204	1@1	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
n41	30	80	507204	1@215	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
n41	30	80	507204	217@0	CP_QPSK	19.97	-0.98	18.99	79.25	2000	PASS
n41	30	80	507204	109@54	CP_QPSK	21.44	-0.98	20.46	111.17	2000	PASS
n41	30	80	507204	1@1	CP_QPSK	21.40	-0.98	20.42	110.15	2000	PASS
n41	30	80	507204	1@215	CP_QPSK	21.38	-0.98	20.40	109.65	2000	PASS
n41	30	80	507204	217@0	CP_16QAM	19.89	-0.98	18.91	77.80	2000	PASS
n41	30	80	507204	109@54	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
n41	30	80	507204	1@1	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	80	507204	1@215	CP_16QAM	20.80	-0.98	19.82	95.94	2000	PASS
n41	30	80	507204	217@0	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
n41	30	80	507204	109@54	CP_64QAM	19.45	-0.98	18.47	70.31	2000	PASS
n41	30	80	507204	1@1	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
n41	30	80	507204	1@215	CP_64QAM	19.34	-0.98	18.36	68.55	2000	PASS
n41	30	80	507204	217@0	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS
n41	30	80	507204	109@54	CP_256QAM	16.43	-0.98	15.45	35.08	2000	PASS
n41	30	80	507204	1@1	CP_256QAM	16.79	-0.98	15.81	38.11	2000	PASS
n41	30	80	507204	1@215	CP_256QAM	16.63	-0.98	15.65	36.73	2000	PASS
n41	30	80	518598	216@0	DFT_BPSK	22.59	-0.98	21.61	144.88	2000	PASS
n41	30	80	518598	108@54	DFT_BPSK	23.11	-0.98	22.13	163.31	2000	PASS
n41	30	80	518598	1@1	DFT_BPSK	22.81	-0.98	21.83	152.41	2000	PASS
n41	30	80	518598	1@215	DFT_BPSK	23.16	-0.98	22.18	165.20	2000	PASS
n41	30	80	518598	216@0	DFT_QPSK	22.09	-0.98	21.11	129.12	2000	PASS
n41	30	80	518598	108@54	DFT_QPSK	23.07	-0.98	22.09	161.81	2000	PASS
n41	30	80	518598	1@1	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
n41	30	80	518598	1@215	DFT_QPSK	23.17	-0.98	22.19	165.58	2000	PASS
n41	30	80	518598	216@0	DFT_16QAM	21.08	-0.98	20.10	102.33	2000	PASS
n41	30	80	518598	108@54	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS

n41	30	80	518598	1@1	DFT_16QAM	21.93	-0.98	20.95	124.45	2000	PASS
n41	30	80	518598	1@215	DFT_16QAM	22.29	-0.98	21.31	135.21	2000	PASS
n41	30	80	518598	216@0	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n41	30	80	518598	108@54	DFT_64QAM	20.59	-0.98	19.61	91.41	2000	PASS
n41	30	80	518598	1@1	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
n41	30	80	518598	1@215	DFT_64QAM	20.82	-0.98	19.84	96.38	2000	PASS
n41	30	80	518598	216@0	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
n41	30	80	518598	108@54	DFT_256QAM	18.60	-0.98	17.62	57.81	2000	PASS
n41	30	80	518598	1@1	DFT_256QAM	18.41	-0.98	17.43	55.34	2000	PASS
n41	30	80	518598	1@215	DFT_256QAM	18.78	-0.98	17.80	60.26	2000	PASS
n41	30	80	518598	217@0	CP_QPSK	20.10	-0.98	19.12	81.66	2000	PASS
n41	30	80	518598	109@54	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
n41	30	80	518598	1@1	CP_QPSK	21.36	-0.98	20.38	109.14	2000	PASS
n41	30	80	518598	1@215	CP_QPSK	21.65	-0.98	20.67	116.68	2000	PASS
n41	30	80	518598	217@0	CP_16QAM	20.09	-0.98	19.11	81.47	2000	PASS
n41	30	80	518598	109@54	CP_16QAM	21.08	-0.98	20.10	102.33	2000	PASS
n41	30	80	518598	1@1	CP_16QAM	20.82	-0.98	19.84	96.38	2000	PASS
n41	30	80	518598	1@215	CP_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
n41	30	80	518598	217@0	CP_64QAM	19.62	-0.98	18.64	73.11	2000	PASS
n41	30	80	518598	109@54	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	80	518598	1@1	CP_64QAM	19.35	-0.98	18.37	68.71	2000	PASS
n41	30	80	518598	1@215	CP_64QAM	19.66	-0.98	18.68	73.79	2000	PASS
n41	30	80	518598	217@0	CP_256QAM	16.60	-0.98	15.62	36.48	2000	PASS
n41	30	80	518598	109@54	CP_256QAM	16.58	-0.98	15.60	36.31	2000	PASS
n41	30	80	518598	1@1	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
n41	30	80	518598	1@215	CP_256QAM	17.01	-0.98	16.03	40.09	2000	PASS
n41	30	80	529998	216@0	DFT_BPSK	22.70	-0.98	21.72	148.59	2000	PASS
n41	30	80	529998	108@54	DFT_BPSK	23.23	-0.98	22.25	167.88	2000	PASS
n41	30	80	529998	1@1	DFT_BPSK	23.03	-0.98	22.05	160.32	2000	PASS
n41	30	80	529998	1@215	DFT_BPSK	23.31	-0.98	22.33	171.00	2000	PASS
n41	30	80	529998	216@0	DFT_QPSK	22.24	-0.98	21.26	133.66	2000	PASS
n41	30	80	529998	108@54	DFT_QPSK	23.23	-0.98	22.25	167.88	2000	PASS
n41	30	80	529998	1@1	DFT_QPSK	23.04	-0.98	22.06	160.69	2000	PASS
n41	30	80	529998	1@215	DFT_QPSK	23.31	-0.98	22.33	171.00	2000	PASS
n41	30	80	529998	216@0	DFT_16QAM	21.17	-0.98	20.19	104.47	2000	PASS
n41	30	80	529998	108@54	DFT_16QAM	22.21	-0.98	21.23	132.74	2000	PASS
n41	30	80	529998	1@1	DFT_16QAM	22.16	-0.98	21.18	131.22	2000	PASS
n41	30	80	529998	1@215	DFT_16QAM	22.45	-0.98	21.47	140.28	2000	PASS
n41	30	80	529998	216@0	DFT_64QAM	20.70	-0.98	19.72	93.76	2000	PASS
n41	30	80	529998	108@54	DFT_64QAM	20.73	-0.98	19.75	94.41	2000	PASS
n41	30	80	529998	1@1	DFT_64QAM	20.67	-0.98	19.69	93.11	2000	PASS
n41	30	80	529998	1@215	DFT_64QAM	20.99	-0.98	20.01	100.23	2000	PASS
n41	30	80	529998	216@0	DFT_256QAM	18.76	-0.98	17.78	59.98	2000	PASS

n41	30	80	529998	108@54	DFT_256QAM	18.75	-0.98	17.77	59.84	2000	PASS
n41	30	80	529998	1@1	DFT_256QAM	18.66	-0.98	17.68	58.61	2000	PASS
n41	30	80	529998	1@215	DFT_256QAM	18.98	-0.98	18.00	63.10	2000	PASS
n41	30	80	529998	217@0	CP_QPSK	20.18	-0.98	19.20	83.18	2000	PASS
n41	30	80	529998	109@54	CP_QPSK	21.70	-0.98	20.72	118.03	2000	PASS
n41	30	80	529998	1@1	CP_QPSK	21.53	-0.98	20.55	113.50	2000	PASS
n41	30	80	529998	1@215	CP_QPSK	21.84	-0.98	20.86	121.90	2000	PASS
n41	30	80	529998	217@0	CP_16QAM	20.19	-0.98	19.21	83.37	2000	PASS
n41	30	80	529998	109@54	CP_16QAM	21.22	-0.98	20.24	105.68	2000	PASS
n41	30	80	529998	1@1	CP_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
n41	30	80	529998	1@215	CP_16QAM	21.32	-0.98	20.34	108.14	2000	PASS
n41	30	80	529998	217@0	CP_64QAM	19.74	-0.98	18.76	75.16	2000	PASS
n41	30	80	529998	109@54	CP_64QAM	19.69	-0.98	18.71	74.30	2000	PASS
n41	30	80	529998	1@1	CP_64QAM	19.56	-0.98	18.58	72.11	2000	PASS
n41	30	80	529998	1@215	CP_64QAM	19.90	-0.98	18.92	77.98	2000	PASS
n41	30	80	529998	217@0	CP_256QAM	16.75	-0.98	15.77	37.76	2000	PASS
n41	30	80	529998	109@54	CP_256QAM	16.73	-0.98	15.75	37.58	2000	PASS
n41	30	80	529998	1@1	CP_256QAM	16.91	-0.98	15.93	39.17	2000	PASS
n41	30	80	529998	1@215	CP_256QAM	17.19	-0.98	16.21	41.78	2000	PASS
n41	30	90	508200	243@0	DFT_BPSK	22.58	-0.98	21.60	144.54	2000	PASS
n41	30	90	508200	120@60	DFT_BPSK	23.06	-0.98	22.08	161.44	2000	PASS
n41	30	90	508200	1@1	DFT_BPSK	23.01	-0.98	22.03	159.59	2000	PASS
n41	30	90	508200	1@243	DFT_BPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	90	508200	243@0	DFT_QPSK	22.07	-0.98	21.09	128.53	2000	PASS
n41	30	90	508200	120@60	DFT_QPSK	23.06	-0.98	22.08	161.44	2000	PASS
n41	30	90	508200	1@1	DFT_QPSK	22.97	-0.98	21.99	158.12	2000	PASS
n41	30	90	508200	1@243	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
n41	30	90	508200	243@0	DFT_16QAM	21.06	-0.98	20.08	101.86	2000	PASS
n41	30	90	508200	120@60	DFT_16QAM	22.08	-0.98	21.10	128.82	2000	PASS
n41	30	90	508200	1@1	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
n41	30	90	508200	1@243	DFT_16QAM	22.13	-0.98	21.15	130.32	2000	PASS
n41	30	90	508200	243@0	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
n41	30	90	508200	120@60	DFT_64QAM	20.62	-0.98	19.64	92.04	2000	PASS
n41	30	90	508200	1@1	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
n41	30	90	508200	1@243	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	90	508200	243@0	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
n41	30	90	508200	120@60	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS
n41	30	90	508200	1@1	DFT_256QAM	18.65	-0.98	17.67	58.48	2000	PASS
n41	30	90	508200	1@243	DFT_256QAM	18.65	-0.98	17.67	58.48	2000	PASS
n41	30	90	508200	245@0	CP_QPSK	20.05	-0.98	19.07	80.72	2000	PASS
n41	30	90	508200	123@61	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS
n41	30	90	508200	1@1	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
n41	30	90	508200	1@243	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS

n41	30	90	508200	245@0	CP_16QAM	20.01	-0.98	19.03	79.98	2000	PASS
n41	30	90	508200	123@61	CP_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
n41	30	90	508200	1@1	CP_16QAM	20.92	-0.98	19.94	98.63	2000	PASS
n41	30	90	508200	1@243	CP_16QAM	20.97	-0.98	19.99	99.77	2000	PASS
n41	30	90	508200	245@0	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	90	508200	123@61	CP_64QAM	19.56	-0.98	18.58	72.11	2000	PASS
n41	30	90	508200	1@1	CP_64QAM	19.50	-0.98	18.52	71.12	2000	PASS
n41	30	90	508200	1@243	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
n41	30	90	508200	245@0	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n41	30	90	508200	123@61	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
n41	30	90	508200	1@1	CP_256QAM	16.89	-0.98	15.91	38.99	2000	PASS
n41	30	90	508200	1@243	CP_256QAM	16.85	-0.98	15.87	38.64	2000	PASS
n41	30	90	518598	243@0	DFT_BPSK	22.61	-0.98	21.63	145.55	2000	PASS
n41	30	90	518598	120@60	DFT_BPSK	23.09	-0.98	22.11	162.55	2000	PASS
n41	30	90	518598	1@1	DFT_BPSK	22.82	-0.98	21.84	152.76	2000	PASS
n41	30	90	518598	1@243	DFT_BPSK	23.15	-0.98	22.17	164.82	2000	PASS
n41	30	90	518598	243@0	DFT_QPSK	22.10	-0.98	21.12	129.42	2000	PASS
n41	30	90	518598	120@60	DFT_QPSK	23.08	-0.98	22.10	162.18	2000	PASS
n41	30	90	518598	1@1	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
n41	30	90	518598	1@243	DFT_QPSK	23.16	-0.98	22.18	165.20	2000	PASS
n41	30	90	518598	243@0	DFT_16QAM	21.08	-0.98	20.10	102.33	2000	PASS
n41	30	90	518598	120@60	DFT_16QAM	22.10	-0.98	21.12	129.42	2000	PASS
n41	30	90	518598	1@1	DFT_16QAM	21.93	-0.98	20.95	124.45	2000	PASS
n41	30	90	518598	1@243	DFT_16QAM	22.27	-0.98	21.29	134.59	2000	PASS
n41	30	90	518598	243@0	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	90	518598	120@60	DFT_64QAM	20.63	-0.98	19.65	92.26	2000	PASS
n41	30	90	518598	1@1	DFT_64QAM	20.40	-0.98	19.42	87.50	2000	PASS
n41	30	90	518598	1@243	DFT_64QAM	20.73	-0.98	19.75	94.41	2000	PASS
n41	30	90	518598	243@0	DFT_256QAM	18.66	-0.98	17.68	58.61	2000	PASS
n41	30	90	518598	120@60	DFT_256QAM	18.66	-0.98	17.68	58.61	2000	PASS
n41	30	90	518598	1@1	DFT_256QAM	18.47	-0.98	17.49	56.10	2000	PASS
n41	30	90	518598	1@243	DFT_256QAM	18.80	-0.98	17.82	60.53	2000	PASS
n41	30	90	518598	245@0	CP_QPSK	20.13	-0.98	19.15	82.22	2000	PASS
n41	30	90	518598	123@61	CP_QPSK	21.59	-0.98	20.61	115.08	2000	PASS
n41	30	90	518598	1@1	CP_QPSK	21.41	-0.98	20.43	110.41	2000	PASS
n41	30	90	518598	1@243	CP_QPSK	21.71	-0.98	20.73	118.30	2000	PASS
n41	30	90	518598	245@0	CP_16QAM	20.11	-0.98	19.13	81.85	2000	PASS
n41	30	90	518598	123@61	CP_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	90	518598	1@1	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	90	518598	1@243	CP_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
n41	30	90	518598	245@0	CP_64QAM	19.64	-0.98	18.66	73.45	2000	PASS
n41	30	90	518598	123@61	CP_64QAM	19.61	-0.98	18.63	72.95	2000	PASS
n41	30	90	518598	1@1	CP_64QAM	19.34	-0.98	18.36	68.55	2000	PASS

n41	30	90	518598	1@243	CP_64QAM	19.69	-0.98	18.71	74.30	2000	PASS
n41	30	90	518598	245@0	CP_256QAM	16.62	-0.98	15.64	36.64	2000	PASS
n41	30	90	518598	123@61	CP_256QAM	16.62	-0.98	15.64	36.64	2000	PASS
n41	30	90	518598	1@1	CP_256QAM	16.60	-0.98	15.62	36.48	2000	PASS
n41	30	90	518598	1@243	CP_256QAM	17.06	-0.98	16.08	40.55	2000	PASS
n41	30	90	528996	243@0	DFT_BPSK	22.76	-0.98	21.78	150.66	2000	PASS
n41	30	90	528996	120@60	DFT_BPSK	23.22	-0.98	22.24	167.49	2000	PASS
n41	30	90	528996	1@1	DFT_BPSK	22.88	-0.98	21.90	154.88	2000	PASS
n41	30	90	528996	1@243	DFT_BPSK	23.27	-0.98	22.29	169.43	2000	PASS
n41	30	90	528996	243@0	DFT_QPSK	22.22	-0.98	21.24	133.05	2000	PASS
n41	30	90	528996	120@60	DFT_QPSK	23.23	-0.98	22.25	167.88	2000	PASS
n41	30	90	528996	1@1	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
n41	30	90	528996	1@243	DFT_QPSK	23.28	-0.98	22.30	169.82	2000	PASS
n41	30	90	528996	243@0	DFT_16QAM	21.24	-0.98	20.26	106.17	2000	PASS
n41	30	90	528996	120@60	DFT_16QAM	22.24	-0.98	21.26	133.66	2000	PASS
n41	30	90	528996	1@1	DFT_16QAM	22.03	-0.98	21.05	127.35	2000	PASS
n41	30	90	528996	1@243	DFT_16QAM	22.42	-0.98	21.44	139.32	2000	PASS
n41	30	90	528996	243@0	DFT_64QAM	20.72	-0.98	19.74	94.19	2000	PASS
n41	30	90	528996	120@60	DFT_64QAM	20.76	-0.98	19.78	95.06	2000	PASS
n41	30	90	528996	1@1	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
n41	30	90	528996	1@243	DFT_64QAM	20.95	-0.98	19.97	99.31	2000	PASS
n41	30	90	528996	243@0	DFT_256QAM	18.79	-0.98	17.81	60.39	2000	PASS
n41	30	90	528996	120@60	DFT_256QAM	18.76	-0.98	17.78	59.98	2000	PASS
n41	30	90	528996	1@1	DFT_256QAM	18.50	-0.98	17.52	56.49	2000	PASS
n41	30	90	528996	1@243	DFT_256QAM	18.95	-0.98	17.97	62.66	2000	PASS
n41	30	90	528996	245@0	CP_QPSK	20.22	-0.98	19.24	83.95	2000	PASS
n41	30	90	528996	123@61	CP_QPSK	21.75	-0.98	20.77	119.40	2000	PASS
n41	30	90	528996	1@1	CP_QPSK	21.43	-0.98	20.45	110.92	2000	PASS
n41	30	90	528996	1@243	CP_QPSK	21.85	-0.98	20.87	122.18	2000	PASS
n41	30	90	528996	245@0	CP_16QAM	20.26	-0.98	19.28	84.72	2000	PASS
n41	30	90	528996	123@61	CP_16QAM	21.22	-0.98	20.24	105.68	2000	PASS
n41	30	90	528996	1@1	CP_16QAM	20.89	-0.98	19.91	97.95	2000	PASS
n41	30	90	528996	1@243	CP_16QAM	21.34	-0.98	20.36	108.64	2000	PASS
n41	30	90	528996	245@0	CP_64QAM	19.73	-0.98	18.75	74.99	2000	PASS
n41	30	90	528996	123@61	CP_64QAM	19.74	-0.98	18.76	75.16	2000	PASS
n41	30	90	528996	1@1	CP_64QAM	19.40	-0.98	18.42	69.50	2000	PASS
n41	30	90	528996	1@243	CP_64QAM	19.93	-0.98	18.95	78.52	2000	PASS
n41	30	90	528996	245@0	CP_256QAM	16.73	-0.98	15.75	37.58	2000	PASS
n41	30	90	528996	123@61	CP_256QAM	16.77	-0.98	15.79	37.93	2000	PASS
n41	30	90	528996	1@1	CP_256QAM	16.79	-0.98	15.81	38.11	2000	PASS
n41	30	90	528996	1@243	CP_256QAM	17.24	-0.98	16.26	42.27	2000	PASS
n41	30	100	509202	270@0	DFT_BPSK	22.54	-0.98	21.56	143.22	2000	PASS
n41	30	100	509202	135@67	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS

n41	30	100	509202	1@1	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	100	509202	1@271	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	100	509202	270@0	DFT_QPSK	22.07	-0.98	21.09	128.53	2000	PASS
n41	30	100	509202	135@67	DFT_QPSK	23.03	-0.98	22.05	160.32	2000	PASS
n41	30	100	509202	1@1	DFT_QPSK	23.00	-0.98	22.02	159.22	2000	PASS
n41	30	100	509202	1@271	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
n41	30	100	509202	270@0	DFT_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	100	509202	135@67	DFT_16QAM	22.05	-0.98	21.07	127.94	2000	PASS
n41	30	100	509202	1@1	DFT_16QAM	22.12	-0.98	21.14	130.02	2000	PASS
n41	30	100	509202	1@271	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
n41	30	100	509202	270@0	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
n41	30	100	509202	135@67	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
n41	30	100	509202	1@1	DFT_64QAM	20.63	-0.98	19.65	92.26	2000	PASS
n41	30	100	509202	1@271	DFT_64QAM	20.65	-0.98	19.67	92.68	2000	PASS
n41	30	100	509202	270@0	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
n41	30	100	509202	135@67	DFT_256QAM	18.58	-0.98	17.60	57.54	2000	PASS
n41	30	100	509202	1@1	DFT_256QAM	18.65	-0.98	17.67	58.48	2000	PASS
n41	30	100	509202	1@271	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
n41	30	100	509202	273@0	CP_QPSK	20.01	-0.98	19.03	79.98	2000	PASS
n41	30	100	509202	137@68	CP_QPSK	21.50	-0.98	20.52	112.72	2000	PASS
n41	30	100	509202	1@1	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	100	509202	1@271	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	100	509202	273@0	CP_16QAM	20.03	-0.98	19.05	80.35	2000	PASS
n41	30	100	509202	137@68	CP_16QAM	20.99	-0.98	20.01	100.23	2000	PASS
n41	30	100	509202	1@1	CP_16QAM	20.97	-0.98	19.99	99.77	2000	PASS
n41	30	100	509202	1@271	CP_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
n41	30	100	509202	273@0	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
n41	30	100	509202	137@68	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
n41	30	100	509202	1@1	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
n41	30	100	509202	1@271	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
n41	30	100	509202	273@0	CP_256QAM	16.54	-0.98	15.56	35.97	2000	PASS
n41	30	100	509202	137@68	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
n41	30	100	509202	1@1	CP_256QAM	16.78	-0.98	15.80	38.02	2000	PASS
n41	30	100	509202	1@271	CP_256QAM	16.77	-0.98	15.79	37.93	2000	PASS
n41	30	100	518598	270@0	DFT_BPSK	22.58	-0.98	21.60	144.54	2000	PASS
n41	30	100	518598	135@67	DFT_BPSK	23.09	-0.98	22.11	162.55	2000	PASS
n41	30	100	518598	1@1	DFT_BPSK	22.81	-0.98	21.83	152.41	2000	PASS
n41	30	100	518598	1@271	DFT_BPSK	23.16	-0.98	22.18	165.20	2000	PASS
n41	30	100	518598	270@0	DFT_QPSK	22.08	-0.98	21.10	128.82	2000	PASS
n41	30	100	518598	135@67	DFT_QPSK	23.09	-0.98	22.11	162.55	2000	PASS
n41	30	100	518598	1@1	DFT_QPSK	22.80	-0.98	21.82	152.05	2000	PASS
n41	30	100	518598	1@271	DFT_QPSK	23.15	-0.98	22.17	164.82	2000	PASS
n41	30	100	518598	270@0	DFT_16QAM	21.11	-0.98	20.13	103.04	2000	PASS

n41	30	100	518598	135@67	DFT_16QAM	22.10	-0.98	21.12	129.42	2000	PASS
n41	30	100	518598	1@1	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
n41	30	100	518598	1@271	DFT_16QAM	22.27	-0.98	21.29	134.59	2000	PASS
n41	30	100	518598	270@0	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	100	518598	135@67	DFT_64QAM	20.60	-0.98	19.62	91.62	2000	PASS
n41	30	100	518598	1@1	DFT_64QAM	20.48	-0.98	19.50	89.13	2000	PASS
n41	30	100	518598	1@271	DFT_64QAM	20.80	-0.98	19.82	95.94	2000	PASS
n41	30	100	518598	270@0	DFT_256QAM	18.64	-0.98	17.66	58.34	2000	PASS
n41	30	100	518598	135@67	DFT_256QAM	18.68	-0.98	17.70	58.88	2000	PASS
n41	30	100	518598	1@1	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
n41	30	100	518598	1@271	DFT_256QAM	18.83	-0.98	17.85	60.95	2000	PASS
n41	30	100	518598	273@0	CP_QPSK	20.09	-0.98	19.11	81.47	2000	PASS
n41	30	100	518598	137@68	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
n41	30	100	518598	1@1	CP_QPSK	21.40	-0.98	20.42	110.15	2000	PASS
n41	30	100	518598	1@271	CP_QPSK	21.72	-0.98	20.74	118.58	2000	PASS
n41	30	100	518598	273@0	CP_16QAM	20.09	-0.98	19.11	81.47	2000	PASS
n41	30	100	518598	137@68	CP_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
n41	30	100	518598	1@1	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
n41	30	100	518598	1@271	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
n41	30	100	518598	273@0	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	100	518598	137@68	CP_64QAM	19.60	-0.98	18.62	72.78	2000	PASS
n41	30	100	518598	1@1	CP_64QAM	19.36	-0.98	18.38	68.87	2000	PASS
n41	30	100	518598	1@271	CP_64QAM	19.71	-0.98	18.73	74.64	2000	PASS
n41	30	100	518598	273@0	CP_256QAM	16.63	-0.98	15.65	36.73	2000	PASS
n41	30	100	518598	137@68	CP_256QAM	16.62	-0.98	15.64	36.64	2000	PASS
n41	30	100	518598	1@1	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
n41	30	100	518598	1@271	CP_256QAM	17.01	-0.98	16.03	40.09	2000	PASS
n41	30	100	528000	270@0	DFT_BPSK	22.71	-0.98	21.73	148.94	2000	PASS
n41	30	100	528000	135@67	DFT_BPSK	23.26	-0.98	22.28	169.04	2000	PASS
n41	30	100	528000	1@1	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS
n41	30	100	528000	1@271	DFT_BPSK	23.32	-0.98	22.34	171.40	2000	PASS
n41	30	100	528000	270@0	DFT_QPSK	22.22	-0.98	21.24	133.05	2000	PASS
n41	30	100	528000	135@67	DFT_QPSK	23.26	-0.98	22.28	169.04	2000	PASS
n41	30	100	528000	1@1	DFT_QPSK	22.81	-0.98	21.83	152.41	2000	PASS
n41	30	100	528000	1@271	DFT_QPSK	23.30	-0.98	22.32	170.61	2000	PASS
n41	30	100	528000	270@0	DFT_16QAM	21.24	-0.98	20.26	106.17	2000	PASS
n41	30	100	528000	135@67	DFT_16QAM	22.26	-0.98	21.28	134.28	2000	PASS
n41	30	100	528000	1@1	DFT_16QAM	21.96	-0.98	20.98	125.31	2000	PASS
n41	30	100	528000	1@271	DFT_16QAM	22.49	-0.98	21.51	141.58	2000	PASS
n41	30	100	528000	270@0	DFT_64QAM	20.74	-0.98	19.76	94.62	2000	PASS
n41	30	100	528000	135@67	DFT_64QAM	20.79	-0.98	19.81	95.72	2000	PASS
n41	30	100	528000	1@1	DFT_64QAM	20.43	-0.98	19.45	88.10	2000	PASS
n41	30	100	528000	1@271	DFT_64QAM	20.95	-0.98	19.97	99.31	2000	PASS

n41	30	100	528000	270@0	DFT_256QAM	18.74	-0.98	17.76	59.70	2000	PASS
n41	30	100	528000	135@67	DFT_256QAM	18.83	-0.98	17.85	60.95	2000	PASS
n41	30	100	528000	1@1	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
n41	30	100	528000	1@271	DFT_256QAM	19.01	-0.98	18.03	63.53	2000	PASS
n41	30	100	528000	273@0	CP_QPSK	20.18	-0.98	19.20	83.18	2000	PASS
n41	30	100	528000	137@68	CP_QPSK	21.71	-0.98	20.73	118.30	2000	PASS
n41	30	100	528000	1@1	CP_QPSK	21.31	-0.98	20.33	107.89	2000	PASS
n41	30	100	528000	1@271	CP_QPSK	21.88	-0.98	20.90	123.03	2000	PASS
n41	30	100	528000	273@0	CP_16QAM	20.23	-0.98	19.25	84.14	2000	PASS
n41	30	100	528000	137@68	CP_16QAM	21.23	-0.98	20.25	105.93	2000	PASS
n41	30	100	528000	1@1	CP_16QAM	20.79	-0.98	19.81	95.72	2000	PASS
n41	30	100	528000	1@271	CP_16QAM	21.31	-0.98	20.33	107.89	2000	PASS
n41	30	100	528000	273@0	CP_64QAM	19.73	-0.98	18.75	74.99	2000	PASS
n41	30	100	528000	137@68	CP_64QAM	19.74	-0.98	18.76	75.16	2000	PASS
n41	30	100	528000	1@1	CP_64QAM	19.32	-0.98	18.34	68.23	2000	PASS
n41	30	100	528000	1@271	CP_64QAM	19.90	-0.98	18.92	77.98	2000	PASS
n41	30	100	528000	273@0	CP_256QAM	16.74	-0.98	15.76	37.67	2000	PASS
n41	30	100	528000	137@68	CP_256QAM	16.83	-0.98	15.85	38.46	2000	PASS
n41	30	100	528000	1@1	CP_256QAM	16.63	-0.98	15.65	36.73	2000	PASS
n41	30	100	528000	1@271	CP_256QAM	17.26	-0.98	16.28	42.46	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	22.49	-0.98	21.51	141.58	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_BPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_BPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_QPSK	21.93	-0.98	20.95	124.45	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_QPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_QPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_QPSK	22.87	-0.98	21.89	154.53	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_16QAM	21.01	-0.98	20.03	100.69	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_16QAM	22	-0.98	21.02	126.47	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_16QAM	21.8	-0.98	20.82	120.78	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_16QAM	21.75	-0.98	20.77	119.4	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_64QAM	20.58	-0.98	19.6	91.2	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
DC_5A_n41A	30	10	500202	1@22	DFT_64QAM	20.34	-0.98	19.36	86.3	2000	PASS
DC_5A_n41A	30	10	500202	24@0	DFT_256QAM	18.48	-0.98	17.5	56.23	2000	PASS
DC_5A_n41A	30	10	500202	12@6	DFT_256QAM	18.67	-0.98	17.69	58.75	2000	PASS
DC_5A_n41A	30	10	500202	1@1	DFT_256QAM	18.5	-0.98	17.52	56.49	2000	PASS

DC_5A_n41A	30	10	500202	1@22	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_QPSK	19.92	-0.98	18.94	78.34	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_QPSK	21.36	-0.98	20.38	109.14	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_QPSK	21.42	-0.98	20.44	110.66	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_16QAM	19.89	-0.98	18.91	77.8	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_16QAM	21.11	-0.98	20.13	103.04	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_16QAM	21.01	-0.98	20.03	100.69	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_64QAM	19.24	-0.98	18.26	66.99	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_64QAM	19.22	-0.98	18.24	66.68	2000	PASS
DC_5A_n41A	30	10	500202	24@0	CP_256QAM	16.48	-0.98	15.5	35.48	2000	PASS
DC_5A_n41A	30	10	500202	12@6	CP_256QAM	16.5	-0.98	15.52	35.65	2000	PASS
DC_5A_n41A	30	10	500202	1@1	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	10	500202	1@22	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_BPSK	22.48	-0.98	21.5	141.25	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_BPSK	23.01	-0.98	22.03	159.59	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_BPSK	22.87	-0.98	21.89	154.53	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_BPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_QPSK	21.93	-0.98	20.95	124.45	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_QPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_16QAM	21.01	-0.98	20.03	100.69	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_16QAM	22.02	-0.98	21.04	127.06	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_16QAM	21.7	-0.98	20.72	118.03	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
DC_5A_n41A	30	10	518598	24@0	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
DC_5A_n41A	30	10	518598	12@6	DFT_256QAM	18.69	-0.98	17.71	59.02	2000	PASS
DC_5A_n41A	30	10	518598	1@1	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	10	518598	1@22	DFT_256QAM	18.5	-0.98	17.52	56.49	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_QPSK	19.96	-0.98	18.98	79.07	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_QPSK	21.35	-0.98	20.37	108.89	2000	PASS
DC_5A_n41A	30	10	518598	1@1	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_QPSK	21.7	-0.98	20.72	118.03	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_16QAM	19.84	-0.98	18.86	76.91	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_16QAM	21.12	-0.98	20.14	103.28	2000	PASS

DC_5A_n41A	30	10	518598	1@1	CP_16QAM	21.05	-0.98	20.07	101.62	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_16QAM	21.1	-0.98	20.12	102.8	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_64QAM	19.5	-0.98	18.52	71.12	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_64QAM	19.59	-0.98	18.61	72.61	2000	PASS
DC_5A_n41A	30	10	518598	1@1	CP_64QAM	19.31	-0.98	18.33	68.08	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_64QAM	19.35	-0.98	18.37	68.71	2000	PASS
DC_5A_n41A	30	10	518598	24@0	CP_256QAM	16.46	-0.98	15.48	35.32	2000	PASS
DC_5A_n41A	30	10	518598	12@6	CP_256QAM	16.48	-0.98	15.5	35.48	2000	PASS
DC_5A_n41A	30	10	518598	1@1	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	10	518598	1@22	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_BPSK	22.43	-0.98	21.45	139.64	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_BPSK	22.85	-0.98	21.87	153.82	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_BPSK	22.79	-0.98	21.81	151.71	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_BPSK	22.85	-0.98	21.87	153.82	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_QPSK	21.91	-0.98	20.93	123.88	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_QPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_QPSK	22.87	-0.98	21.89	154.53	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_16QAM	21.05	-0.98	20.07	101.62	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_16QAM	21.97	-0.98	20.99	125.6	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_16QAM	21.74	-0.98	20.76	119.12	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_64QAM	20.32	-0.98	19.34	85.9	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_64QAM	20.42	-0.98	19.44	87.9	2000	PASS
DC_5A_n41A	30	10	537000	24@0	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
DC_5A_n41A	30	10	537000	12@6	DFT_256QAM	18.82	-0.98	17.84	60.81	2000	PASS
DC_5A_n41A	30	10	537000	1@1	DFT_256QAM	18.44	-0.98	17.46	55.72	2000	PASS
DC_5A_n41A	30	10	537000	1@22	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_QPSK	19.88	-0.98	18.9	77.62	2000	PASS
DC_5A_n41A	30	10	537000	12@6	CP_QPSK	21.36	-0.98	20.38	109.14	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_QPSK	21.38	-0.98	20.4	109.65	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_QPSK	21.5	-0.98	20.52	112.72	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_16QAM	19.9	-0.98	18.92	77.98	2000	PASS
DC_5A_n41A	30	10	537000	12@6	CP_16QAM	21.09	-0.98	20.11	102.57	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_16QAM	20.96	-0.98	19.98	99.54	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
DC_5A_n41A	30	10	537000	12@6	CP_64QAM	19.69	-0.98	18.71	74.3	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_64QAM	19.22	-0.98	18.24	66.68	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_64QAM	19.32	-0.98	18.34	68.23	2000	PASS
DC_5A_n41A	30	10	537000	24@0	CP_256QAM	16.45	-0.98	15.47	35.24	2000	PASS

DC_5A_n41A	30	10	537000	12@6	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
DC_5A_n41A	30	10	537000	1@1	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
DC_5A_n41A	30	10	537000	1@22	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_BPSK	22.44	-0.98	21.46	139.96	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_BPSK	22.87	-0.98	21.89	154.53	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_BPSK	22.84	-0.98	21.86	153.46	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_QPSK	21.97	-0.98	20.99	125.6	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_QPSK	22.87	-0.98	21.89	154.53	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_QPSK	22.79	-0.98	21.81	151.71	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_16QAM	21.78	-0.98	20.8	120.23	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_16QAM	21.64	-0.98	20.66	116.41	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_64QAM	20.5	-0.98	19.52	89.54	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_64QAM	20.47	-0.98	19.49	88.92	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_64QAM	20.36	-0.98	19.38	86.7	2000	PASS
DC_5A_n41A	30	15	500700	36@0	DFT_256QAM	18.47	-0.98	17.49	56.1	2000	PASS
DC_5A_n41A	30	15	500700	18@9	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	15	500700	1@1	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	15	500700	1@36	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_QPSK	19.93	-0.98	18.95	78.52	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_QPSK	21.37	-0.98	20.39	109.4	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_16QAM	20.01	-0.98	19.03	79.98	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_16QAM	21	-0.98	20.02	100.46	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_16QAM	20.85	-0.98	19.87	97.05	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_16QAM	20.8	-0.98	19.82	95.94	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_64QAM	19.47	-0.98	18.49	70.63	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_64QAM	19.45	-0.98	18.47	70.31	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_64QAM	19.2	-0.98	18.22	66.37	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_64QAM	19.14	-0.98	18.16	65.46	2000	PASS
DC_5A_n41A	30	15	500700	38@0	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	15	500700	19@9	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
DC_5A_n41A	30	15	500700	1@1	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
DC_5A_n41A	30	15	500700	1@36	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_BPSK	22.46	-0.98	21.48	140.6	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_BPSK	22.96	-0.98	21.98	157.76	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_BPSK	22.87	-0.98	21.89	154.53	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_BPSK	22.93	-0.98	21.95	156.68	2000	PASS

DC_5A_n41A	30	15	518598	36@0	DFT_QPSK	21.99	-0.98	21.01	126.18	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_QPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_QPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_16QAM	21.66	-0.98	20.68	116.95	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_16QAM	21.75	-0.98	20.77	119.4	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_64QAM	20.4	-0.98	19.42	87.5	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
DC_5A_n41A	30	15	518598	36@0	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
DC_5A_n41A	30	15	518598	18@9	DFT_256QAM	18.5	-0.98	17.52	56.49	2000	PASS
DC_5A_n41A	30	15	518598	1@1	DFT_256QAM	18.48	-0.98	17.5	56.23	2000	PASS
DC_5A_n41A	30	15	518598	1@36	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_QPSK	20.02	-0.98	19.04	80.17	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_16QAM	20.03	-0.98	19.05	80.35	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_16QAM	20.82	-0.98	19.84	96.38	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_64QAM	19.49	-0.98	18.51	70.96	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_64QAM	19.44	-0.98	18.46	70.15	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_64QAM	19.22	-0.98	18.24	66.68	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_64QAM	19.3	-0.98	18.32	67.92	2000	PASS
DC_5A_n41A	30	15	518598	38@0	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
DC_5A_n41A	30	15	518598	19@9	CP_256QAM	16.54	-0.98	15.56	35.97	2000	PASS
DC_5A_n41A	30	15	518598	1@1	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
DC_5A_n41A	30	15	518598	1@36	CP_256QAM	16.69	-0.98	15.71	37.24	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_BPSK	22.4	-0.98	21.42	138.68	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_BPSK	22.81	-0.98	21.83	152.41	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_QPSK	21.89	-0.98	20.91	123.31	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_QPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_QPSK	22.81	-0.98	21.83	152.41	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_QPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_16QAM	21.86	-0.98	20.88	122.46	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_16QAM	21.66	-0.98	20.68	116.95	2000	PASS

DC_5A_n41A	30	15	536496	1@36	DFT_16QAM	21.65	-0.98	20.67	116.68	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_64QAM	20.4	-0.98	19.42	87.5	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_64QAM	20.42	-0.98	19.44	87.9	2000	PASS
DC_5A_n41A	30	15	536496	36@0	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	15	536496	18@9	DFT_256QAM	18.47	-0.98	17.49	56.1	2000	PASS
DC_5A_n41A	30	15	536496	1@1	DFT_256QAM	18.25	-0.98	17.27	53.33	2000	PASS
DC_5A_n41A	30	15	536496	1@36	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_QPSK	19.93	-0.98	18.95	78.52	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_QPSK	21.44	-0.98	20.46	111.17	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_QPSK	21.36	-0.98	20.38	109.14	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_16QAM	20	-0.98	19.02	79.8	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_16QAM	20.69	-0.98	19.71	93.54	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_16QAM	20.88	-0.98	19.9	97.72	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_64QAM	19.43	-0.98	18.45	69.98	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_64QAM	19.5	-0.98	18.52	71.12	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_64QAM	19.13	-0.98	18.15	65.31	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_64QAM	19.21	-0.98	18.23	66.53	2000	PASS
DC_5A_n41A	30	15	536496	38@0	CP_256QAM	16.5	-0.98	15.52	35.65	2000	PASS
DC_5A_n41A	30	15	536496	19@9	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
DC_5A_n41A	30	15	536496	1@1	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
DC_5A_n41A	30	15	536496	1@36	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_BPSK	22.38	-0.98	21.4	138.04	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_BPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_BPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_BPSK	22.74	-0.98	21.76	149.97	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_QPSK	21.92	-0.98	20.94	124.17	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_QPSK	22.81	-0.98	21.83	152.41	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_QPSK	22.74	-0.98	21.76	149.97	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_16QAM	21.84	-0.98	20.86	121.9	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_16QAM	21.76	-0.98	20.78	119.67	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_16QAM	21.65	-0.98	20.67	116.68	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_64QAM	20.32	-0.98	19.34	85.9	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_64QAM	20.41	-0.98	19.43	87.7	2000	PASS
DC_5A_n41A	30	20	501204	1@1	DFT_64QAM	20.32	-0.98	19.34	85.9	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_64QAM	20.25	-0.98	19.27	84.53	2000	PASS
DC_5A_n41A	30	20	501204	50@0	DFT_256QAM	18.36	-0.98	17.38	54.7	2000	PASS
DC_5A_n41A	30	20	501204	25@12	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS

DC_5A_n41A	30	20	501204	1@1	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
DC_5A_n41A	30	20	501204	1@49	DFT_256QAM	18.35	-0.98	17.37	54.58	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_QPSK	19.87	-0.98	18.89	77.45	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_QPSK	21.35	-0.98	20.37	108.89	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_QPSK	21.41	-0.98	20.43	110.41	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_QPSK	21.31	-0.98	20.33	107.89	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_16QAM	19.9	-0.98	18.92	77.98	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_16QAM	20.91	-0.98	19.93	98.4	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_16QAM	20.81	-0.98	19.83	96.16	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_16QAM	20.74	-0.98	19.76	94.62	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_64QAM	19.48	-0.98	18.5	70.79	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_64QAM	19.19	-0.98	18.21	66.22	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_64QAM	19.11	-0.98	18.13	65.01	2000	PASS
DC_5A_n41A	30	20	501204	51@0	CP_256QAM	16.43	-0.98	15.45	35.08	2000	PASS
DC_5A_n41A	30	20	501204	25@12	CP_256QAM	16.5	-0.98	15.52	35.65	2000	PASS
DC_5A_n41A	30	20	501204	1@1	CP_256QAM	16.5	-0.98	15.52	35.65	2000	PASS
DC_5A_n41A	30	20	501204	1@49	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_BPSK	22.49	-0.98	21.51	141.58	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_BPSK	22.96	-0.98	21.98	157.76	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_BPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_BPSK	22.97	-0.98	21.99	158.12	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_QPSK	21.97	-0.98	20.99	125.6	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_QPSK	22.95	-0.98	21.97	157.4	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_QPSK	22.97	-0.98	21.99	158.12	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_16QAM	21.93	-0.98	20.95	124.45	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_16QAM	21.75	-0.98	20.77	119.4	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_16QAM	21.81	-0.98	20.83	121.06	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_64QAM	20.48	-0.98	19.5	89.13	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_64QAM	20.35	-0.98	19.37	86.5	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
DC_5A_n41A	30	20	518598	50@0	DFT_256QAM	18.48	-0.98	17.5	56.23	2000	PASS
DC_5A_n41A	30	20	518598	25@12	DFT_256QAM	18.47	-0.98	17.49	56.1	2000	PASS
DC_5A_n41A	30	20	518598	1@1	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
DC_5A_n41A	30	20	518598	1@49	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_QPSK	19.97	-0.98	18.99	79.25	2000	PASS
DC_5A_n41A	30	20	518598	25@12	CP_QPSK	21.48	-0.98	20.5	112.2	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_QPSK	21.62	-0.98	20.64	115.88	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_16QAM	19.97	-0.98	18.99	79.25	2000	PASS

DC_5A_n41A	30	20	518598	25@12	CP_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_16QAM	20.92	-0.98	19.94	98.63	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_16QAM	20.93	-0.98	19.95	98.86	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_64QAM	19.47	-0.98	18.49	70.63	2000	PASS
DC_5A_n41A	30	20	518598	25@12	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_64QAM	19.26	-0.98	18.28	67.3	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_64QAM	19.36	-0.98	18.38	68.87	2000	PASS
DC_5A_n41A	30	20	518598	51@0	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	20	518598	25@12	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
DC_5A_n41A	30	20	518598	1@1	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
DC_5A_n41A	30	20	518598	1@49	CP_256QAM	16.67	-0.98	15.69	37.07	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_BPSK	22.47	-0.98	21.49	140.93	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_BPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_BPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_BPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_QPSK	21.96	-0.98	20.98	125.31	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_QPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_16QAM	21.92	-0.98	20.94	124.17	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_16QAM	21.75	-0.98	20.77	119.4	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_16QAM	21.74	-0.98	20.76	119.12	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_64QAM	20.5	-0.98	19.52	89.54	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_64QAM	20.44	-0.98	19.46	88.31	2000	PASS
DC_5A_n41A	30	20	535998	50@0	DFT_256QAM	18.42	-0.98	17.44	55.46	2000	PASS
DC_5A_n41A	30	20	535998	25@12	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
DC_5A_n41A	30	20	535998	1@1	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
DC_5A_n41A	30	20	535998	1@49	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
DC_5A_n41A	30	20	535998	51@0	CP_QPSK	19.97	-0.98	18.99	79.25	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_QPSK	21.4	-0.98	20.42	110.15	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
DC_5A_n41A	30	20	535998	51@0	CP_16QAM	20.01	-0.98	19.03	79.98	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_16QAM	20.98	-0.98	20	100	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_16QAM	20.87	-0.98	19.89	97.5	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
DC_5A_n41A	30	20	535998	51@0	CP_64QAM	19.45	-0.98	18.47	70.31	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_64QAM	19.2	-0.98	18.22	66.37	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_64QAM	19.27	-0.98	18.29	67.45	2000	PASS

DC_5A_n41A	30	20	535998	51@0	CP_256QAM	16.54	-0.98	15.56	35.97	2000	PASS
DC_5A_n41A	30	20	535998	25@12	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
DC_5A_n41A	30	20	535998	1@1	CP_256QAM	16.62	-0.98	15.64	36.64	2000	PASS
DC_5A_n41A	30	20	535998	1@49	CP_256QAM	16.65	-0.98	15.67	36.9	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_BPSK	22.37	-0.98	21.39	137.72	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_BPSK	22.84	-0.98	21.86	153.46	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_BPSK	22.77	-0.98	21.79	151.01	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_QPSK	21.92	-0.98	20.94	124.17	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_QPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_16QAM	20.9	-0.98	19.92	98.17	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_16QAM	21.9	-0.98	20.92	123.59	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_16QAM	21.59	-0.98	20.61	115.08	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_16QAM	21.63	-0.98	20.65	116.14	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_64QAM	20.43	-0.98	19.45	88.1	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_64QAM	20.37	-0.98	19.39	86.9	2000	PASS
DC_5A_n41A	30	30	502200	75@0	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
DC_5A_n41A	30	30	502200	36@18	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
DC_5A_n41A	30	30	502200	1@1	DFT_256QAM	18.41	-0.98	17.43	55.34	2000	PASS
DC_5A_n41A	30	30	502200	1@76	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_QPSK	19.93	-0.98	18.95	78.52	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_QPSK	21.37	-0.98	20.39	109.4	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_QPSK	21.37	-0.98	20.39	109.4	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_QPSK	21.41	-0.98	20.43	110.41	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_16QAM	19.94	-0.98	18.96	78.7	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_16QAM	20.7	-0.98	19.72	93.76	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_16QAM	20.7	-0.98	19.72	93.76	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_64QAM	19.4	-0.98	18.42	69.5	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_64QAM	19.15	-0.98	18.17	65.61	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_64QAM	19.13	-0.98	18.15	65.31	2000	PASS
DC_5A_n41A	30	30	502200	78@0	CP_256QAM	16.41	-0.98	15.43	34.91	2000	PASS
DC_5A_n41A	30	30	502200	39@19	CP_256QAM	16.41	-0.98	15.43	34.91	2000	PASS
DC_5A_n41A	30	30	502200	1@1	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	30	502200	1@76	CP_256QAM	16.46	-0.98	15.48	35.32	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_BPSK	22.52	-0.98	21.54	142.56	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_BPSK	22.98	-0.98	22	158.49	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_BPSK	22.89	-0.98	21.91	155.24	2000	PASS

DC_5A_n41A	30	30	518598	1@76	DFT_BPSK	23.11	-0.98	22.13	163.31	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_QPSK	22.04	-0.98	21.06	127.64	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_QPSK	22.97	-0.98	21.99	158.12	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_QPSK	22.95	-0.98	21.97	157.4	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_QPSK	23.14	-0.98	22.16	164.44	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_16QAM	21.01	-0.98	20.03	100.69	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_16QAM	22	-0.98	21.02	126.47	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_16QAM	21.76	-0.98	20.78	119.67	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_16QAM	21.98	-0.98	21	125.89	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_64QAM	20.41	-0.98	19.43	87.7	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_64QAM	20.64	-0.98	19.66	92.47	2000	PASS
DC_5A_n41A	30	30	518598	75@0	DFT_256QAM	18.58	-0.98	17.6	57.54	2000	PASS
DC_5A_n41A	30	30	518598	36@18	DFT_256QAM	18.5	-0.98	17.52	56.49	2000	PASS
DC_5A_n41A	30	30	518598	1@1	DFT_256QAM	18.47	-0.98	17.49	56.1	2000	PASS
DC_5A_n41A	30	30	518598	1@76	DFT_256QAM	18.69	-0.98	17.71	59.02	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_QPSK	20.02	-0.98	19.04	80.17	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_QPSK	21.49	-0.98	20.51	112.46	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_QPSK	21.56	-0.98	20.58	114.29	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_QPSK	21.74	-0.98	20.76	119.12	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_16QAM	20.05	-0.98	19.07	80.72	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_16QAM	21.01	-0.98	20.03	100.69	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_16QAM	21.1	-0.98	20.12	102.8	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_64QAM	19.22	-0.98	18.24	66.68	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_64QAM	19.41	-0.98	18.43	69.66	2000	PASS
DC_5A_n41A	30	30	518598	78@0	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
DC_5A_n41A	30	30	518598	39@19	CP_256QAM	16.5	-0.98	15.52	35.65	2000	PASS
DC_5A_n41A	30	30	518598	1@1	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
DC_5A_n41A	30	30	518598	1@76	CP_256QAM	16.82	-0.98	15.84	38.37	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_BPSK	22.53	-0.98	21.55	142.89	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_BPSK	22.96	-0.98	21.98	157.76	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_BPSK	22.94	-0.98	21.96	157.04	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_QPSK	21.98	-0.98	21	125.89	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_QPSK	22.94	-0.98	21.96	157.04	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_16QAM	22.01	-0.98	21.03	126.77	2000	PASS

DC_5A_n41A	30	30	534996	1@1	DFT_16QAM	21.78	-0.98	20.8	120.23	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_16QAM	21.79	-0.98	20.81	120.5	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_64QAM	20.52	-0.98	19.54	89.95	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_64QAM	20.48	-0.98	19.5	89.13	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
DC_5A_n41A	30	30	534996	75@0	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
DC_5A_n41A	30	30	534996	36@18	DFT_256QAM	18.45	-0.98	17.47	55.85	2000	PASS
DC_5A_n41A	30	30	534996	1@1	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
DC_5A_n41A	30	30	534996	1@76	DFT_256QAM	18.5	-0.98	17.52	56.49	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_QPSK	19.98	-0.98	19	79.43	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_QPSK	21.47	-0.98	20.49	111.94	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_QPSK	21.5	-0.98	20.52	112.72	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_QPSK	21.53	-0.98	20.55	113.5	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_16QAM	20.05	-0.98	19.07	80.72	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_16QAM	20.94	-0.98	19.96	99.08	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_64QAM	19.56	-0.98	18.58	72.11	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_64QAM	19.25	-0.98	18.27	67.14	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_64QAM	19.2	-0.98	18.22	66.37	2000	PASS
DC_5A_n41A	30	30	534996	78@0	CP_256QAM	16.54	-0.98	15.56	35.97	2000	PASS
DC_5A_n41A	30	30	534996	39@19	CP_256QAM	16.47	-0.98	15.49	35.4	2000	PASS
DC_5A_n41A	30	30	534996	1@1	CP_256QAM	16.65	-0.98	15.67	36.9	2000	PASS
DC_5A_n41A	30	30	534996	1@76	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_BPSK	22.37	-0.98	21.39	137.72	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_BPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_BPSK	22.81	-0.98	21.83	152.41	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_BPSK	22.78	-0.98	21.8	151.36	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_QPSK	21.86	-0.98	20.88	122.46	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_QPSK	22.81	-0.98	21.83	152.41	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_QPSK	22.8	-0.98	21.82	152.05	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_QPSK	22.8	-0.98	21.82	152.05	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_16QAM	20.83	-0.98	19.85	96.61	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_16QAM	21.78	-0.98	20.8	120.23	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_16QAM	21.61	-0.98	20.63	115.61	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_16QAM	21.63	-0.98	20.65	116.14	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_64QAM	20.41	-0.98	19.43	87.7	2000	PASS
DC_5A_n41A	30	40	503202	50@25	DFT_64QAM	20.34	-0.98	19.36	86.3	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_64QAM	20.28	-0.98	19.3	85.11	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_64QAM	20.29	-0.98	19.31	85.31	2000	PASS
DC_5A_n41A	30	40	503202	100@0	DFT_256QAM	18.38	-0.98	17.4	54.95	2000	PASS

DC_5A_n41A	30	40	503202	50@25	DFT_256QAM	18.35	-0.98	17.37	54.58	2000	PASS
DC_5A_n41A	30	40	503202	1@1	DFT_256QAM	18.32	-0.98	17.34	54.2	2000	PASS
DC_5A_n41A	30	40	503202	1@104	DFT_256QAM	18.27	-0.98	17.29	53.58	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_QPSK	19.88	-0.98	18.9	77.62	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_QPSK	21.34	-0.98	20.36	108.64	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_QPSK	21.33	-0.98	20.35	108.39	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_QPSK	21.37	-0.98	20.39	109.4	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_16QAM	19.89	-0.98	18.91	77.8	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_16QAM	20.8	-0.98	19.82	95.94	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_16QAM	20.69	-0.98	19.71	93.54	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_16QAM	20.69	-0.98	19.71	93.54	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_64QAM	19.4	-0.98	18.42	69.5	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_64QAM	19.14	-0.98	18.16	65.46	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_64QAM	19.08	-0.98	18.1	64.57	2000	PASS
DC_5A_n41A	30	40	503202	106@0	CP_256QAM	16.37	-0.98	15.39	34.59	2000	PASS
DC_5A_n41A	30	40	503202	53@26	CP_256QAM	16.35	-0.98	15.37	34.43	2000	PASS
DC_5A_n41A	30	40	503202	1@1	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
DC_5A_n41A	30	40	503202	1@104	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_BPSK	22.52	-0.98	21.54	142.56	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_BPSK	22.98	-0.98	22	158.49	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_BPSK	22.84	-0.98	21.86	153.46	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_BPSK	23.09	-0.98	22.11	162.55	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_QPSK	22.04	-0.98	21.06	127.64	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_QPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_QPSK	22.86	-0.98	21.88	154.17	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_QPSK	23.15	-0.98	22.17	164.82	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_16QAM	21.92	-0.98	20.94	124.17	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_16QAM	21.91	-0.98	20.93	123.88	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_64QAM	20.48	-0.98	19.5	89.13	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_64QAM	20.33	-0.98	19.35	86.1	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_64QAM	20.64	-0.98	19.66	92.47	2000	PASS
DC_5A_n41A	30	40	518598	100@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
DC_5A_n41A	30	40	518598	50@25	DFT_256QAM	18.49	-0.98	17.51	56.36	2000	PASS
DC_5A_n41A	30	40	518598	1@1	DFT_256QAM	18.4	-0.98	17.42	55.21	2000	PASS
DC_5A_n41A	30	40	518598	1@104	DFT_256QAM	18.67	-0.98	17.69	58.75	2000	PASS
DC_5A_n41A	30	40	518598	106@0	CP_QPSK	19.99	-0.98	19.01	79.62	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_QPSK	21.48	-0.98	20.5	112.2	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_QPSK	21.8	-0.98	20.82	120.78	2000	PASS

DC_5A_n41A	30	40	518598	106@0	CP_16QAM	20.08	-0.98	19.1	81.28	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_16QAM	20.77	-0.98	19.79	95.28	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_16QAM	21.06	-0.98	20.08	101.86	2000	PASS
DC_5A_n41A	30	40	518598	106@0	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_64QAM	19.17	-0.98	18.19	65.92	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
DC_5A_n41A	30	40	518598	106@0	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
DC_5A_n41A	30	40	518598	53@26	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	40	518598	1@1	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
DC_5A_n41A	30	40	518598	1@104	CP_256QAM	16.82	-0.98	15.84	38.37	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_BPSK	22.52	-0.98	21.54	142.56	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_BPSK	23.05	-0.98	22.07	161.06	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_BPSK	22.85	-0.98	21.87	153.82	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_BPSK	22.98	-0.98	22	158.49	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_QPSK	22.03	-0.98	21.05	127.35	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_QPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_QPSK	22.98	-0.98	22	158.49	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_16QAM	22.01	-0.98	21.03	126.77	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_16QAM	21.69	-0.98	20.71	117.76	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_16QAM	21.78	-0.98	20.8	120.23	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_64QAM	20.35	-0.98	19.37	86.5	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_64QAM	20.58	-0.98	19.6	91.2	2000	PASS
DC_5A_n41A	30	40	534000	100@0	DFT_256QAM	18.56	-0.98	17.58	57.28	2000	PASS
DC_5A_n41A	30	40	534000	50@25	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
DC_5A_n41A	30	40	534000	1@1	DFT_256QAM	18.4	-0.98	17.42	55.21	2000	PASS
DC_5A_n41A	30	40	534000	1@104	DFT_256QAM	18.6	-0.98	17.62	57.81	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_QPSK	20.01	-0.98	19.03	79.98	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	40	534000	1@104	CP_QPSK	21.55	-0.98	20.57	114.02	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_16QAM	20.05	-0.98	19.07	80.72	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_16QAM	20.99	-0.98	20.01	100.23	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_16QAM	20.78	-0.98	19.8	95.5	2000	PASS
DC_5A_n41A	30	40	534000	1@104	CP_16QAM	20.87	-0.98	19.89	97.5	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_64QAM	19.58	-0.98	18.6	72.44	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_64QAM	19.16	-0.98	18.18	65.77	2000	PASS

DC_5A_n41A	30	40	534000	1@104	CP_64QAM	19.34	-0.98	18.36	68.55	2000	PASS
DC_5A_n41A	30	40	534000	106@0	CP_256QAM	16.58	-0.98	15.6	36.31	2000	PASS
DC_5A_n41A	30	40	534000	53@26	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
DC_5A_n41A	30	40	534000	1@1	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
DC_5A_n41A	30	40	534000	1@104	CP_256QAM	16.73	-0.98	15.75	37.58	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_BPSK	22.4	-0.98	21.42	138.68	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_BPSK	22.85	-0.98	21.87	153.82	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_BPSK	22.73	-0.98	21.75	149.62	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_BPSK	22.75	-0.98	21.77	150.31	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_QPSK	21.88	-0.98	20.9	123.03	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_QPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_QPSK	22.74	-0.98	21.76	149.97	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_16QAM	20.91	-0.98	19.93	98.4	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_16QAM	21.83	-0.98	20.85	121.62	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_16QAM	21.55	-0.98	20.57	114.02	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_16QAM	21.62	-0.98	20.64	115.88	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_64QAM	20.41	-0.98	19.43	87.7	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_64QAM	20.38	-0.98	19.4	87.1	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_64QAM	20.27	-0.98	19.29	84.92	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_64QAM	20.27	-0.98	19.29	84.92	2000	PASS
DC_5A_n41A	30	50	504204	128@0	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
DC_5A_n41A	30	50	504204	64@32	DFT_256QAM	18.37	-0.98	17.39	54.83	2000	PASS
DC_5A_n41A	30	50	504204	1@1	DFT_256QAM	18.29	-0.98	17.31	53.83	2000	PASS
DC_5A_n41A	30	50	504204	1@131	DFT_256QAM	18.36	-0.98	17.38	54.7	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_QPSK	19.85	-0.98	18.87	77.09	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_QPSK	21.33	-0.98	20.35	108.39	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_QPSK	21.4	-0.98	20.42	110.15	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_QPSK	21.39	-0.98	20.41	109.9	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_16QAM	19.88	-0.98	18.9	77.62	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_16QAM	20.85	-0.98	19.87	97.05	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_16QAM	20.77	-0.98	19.79	95.28	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_16QAM	20.66	-0.98	19.68	92.9	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_64QAM	19.34	-0.98	18.36	68.55	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_64QAM	19.44	-0.98	18.46	70.15	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_64QAM	19.05	-0.98	18.07	64.12	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_64QAM	19.06	-0.98	18.08	64.27	2000	PASS
DC_5A_n41A	30	50	504204	133@0	CP_256QAM	16.52	-0.98	15.54	35.81	2000	PASS
DC_5A_n41A	30	50	504204	67@33	CP_256QAM	16.41	-0.98	15.43	34.91	2000	PASS
DC_5A_n41A	30	50	504204	1@1	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
DC_5A_n41A	30	50	504204	1@131	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_BPSK	22.57	-0.98	21.59	144.21	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_BPSK	23.01	-0.98	22.03	159.59	2000	PASS

DC_5A_n41A	30	50	518598	1@1	DFT_BPSK	22.8	-0.98	21.82	152.05	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_BPSK	23.11	-0.98	22.13	163.31	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_QPSK	22.04	-0.98	21.06	127.64	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_QPSK	23.13	-0.98	22.15	164.06	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_16QAM	21.67	-0.98	20.69	117.22	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_16QAM	22.01	-0.98	21.03	126.77	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_64QAM	20.58	-0.98	19.6	91.2	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_64QAM	20.3	-0.98	19.32	85.51	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
DC_5A_n41A	30	50	518598	128@0	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
DC_5A_n41A	30	50	518598	64@32	DFT_256QAM	18.51	-0.98	17.53	56.62	2000	PASS
DC_5A_n41A	30	50	518598	1@1	DFT_256QAM	18.3	-0.98	17.32	53.95	2000	PASS
DC_5A_n41A	30	50	518598	1@131	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_QPSK	20.07	-0.98	19.09	81.1	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_QPSK	21.39	-0.98	20.41	109.9	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_QPSK	21.72	-0.98	20.74	118.58	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_16QAM	20.1	-0.98	19.12	81.66	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_16QAM	20.71	-0.98	19.73	93.97	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_64QAM	19.58	-0.98	18.6	72.44	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_64QAM	19.6	-0.98	18.62	72.78	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_64QAM	19.16	-0.98	18.18	65.77	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_64QAM	19.45	-0.98	18.47	70.31	2000	PASS
DC_5A_n41A	30	50	518598	133@0	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
DC_5A_n41A	30	50	518598	67@33	CP_256QAM	16.58	-0.98	15.6	36.31	2000	PASS
DC_5A_n41A	30	50	518598	1@1	CP_256QAM	16.48	-0.98	15.5	35.48	2000	PASS
DC_5A_n41A	30	50	518598	1@131	CP_256QAM	16.81	-0.98	15.83	38.28	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_BPSK	22.52	-0.98	21.54	142.56	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_BPSK	23.1	-0.98	22.12	162.93	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_BPSK	22.85	-0.98	21.87	153.82	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_BPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_QPSK	22.05	-0.98	21.07	127.94	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_QPSK	23.09	-0.98	22.11	162.55	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_QPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_QPSK	22.98	-0.98	22	158.49	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_16QAM	21.06	-0.98	20.08	101.86	2000	PASS

DC_5A_n41A	30	50	532998	64@32	DFT_16QAM	22.01	-0.98	21.03	126.77	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_16QAM	21.88	-0.98	20.9	123.03	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_64QAM	20.6	-0.98	19.62	91.62	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_64QAM	20.3	-0.98	19.32	85.51	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_64QAM	20.5	-0.98	19.52	89.54	2000	PASS
DC_5A_n41A	30	50	532998	128@0	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
DC_5A_n41A	30	50	532998	64@32	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS
DC_5A_n41A	30	50	532998	1@1	DFT_256QAM	18.38	-0.98	17.4	54.95	2000	PASS
DC_5A_n41A	30	50	532998	1@131	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_QPSK	20	-0.98	19.02	79.8	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_QPSK	21.43	-0.98	20.45	110.92	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_QPSK	21.58	-0.98	20.6	114.82	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_16QAM	20.03	-0.98	19.05	80.35	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_16QAM	20.86	-0.98	19.88	97.27	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_16QAM	20.91	-0.98	19.93	98.4	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_64QAM	19.66	-0.98	18.68	73.79	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_64QAM	19.2	-0.98	18.22	66.37	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
DC_5A_n41A	30	50	532998	133@0	CP_256QAM	16.55	-0.98	15.57	36.06	2000	PASS
DC_5A_n41A	30	50	532998	67@33	CP_256QAM	16.63	-0.98	15.65	36.73	2000	PASS
DC_5A_n41A	30	50	532998	1@1	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
DC_5A_n41A	30	50	532998	1@131	CP_256QAM	16.7	-0.98	15.72	37.33	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_BPSK	22.32	-0.98	21.34	136.14	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_BPSK	22.82	-0.98	21.84	152.76	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_BPSK	22.7	-0.98	21.72	148.59	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_BPSK	22.71	-0.98	21.73	148.94	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_QPSK	21.8	-0.98	20.82	120.78	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_QPSK	22.78	-0.98	21.8	151.36	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_QPSK	22.69	-0.98	21.71	148.25	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_QPSK	22.73	-0.98	21.75	149.62	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_16QAM	20.76	-0.98	19.78	95.06	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_16QAM	21.82	-0.98	20.84	121.34	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_16QAM	21.48	-0.98	20.5	112.2	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_16QAM	21.5	-0.98	20.52	112.72	2000	PASS
DC_5A_n41A	30	60	505200	162@0	DFT_64QAM	20.32	-0.98	19.34	85.9	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_64QAM	20.33	-0.98	19.35	86.1	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_64QAM	20.22	-0.98	19.24	83.95	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_64QAM	20.24	-0.98	19.26	84.33	2000	PASS

DC_5A_n41A	30	60	505200	162@0	DFT_256QAM	18.32	-0.98	17.34	54.2	2000	PASS
DC_5A_n41A	30	60	505200	81@40	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
DC_5A_n41A	30	60	505200	1@1	DFT_256QAM	18.23	-0.98	17.25	53.09	2000	PASS
DC_5A_n41A	30	60	505200	1@160	DFT_256QAM	18.22	-0.98	17.24	52.97	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_QPSK	19.8	-0.98	18.82	76.21	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_QPSK	21.29	-0.98	20.31	107.4	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_QPSK	21.22	-0.98	20.24	105.68	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_QPSK	21.3	-0.98	20.32	107.65	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_16QAM	19.8	-0.98	18.82	76.21	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_16QAM	20.8	-0.98	19.82	95.94	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_16QAM	20.57	-0.98	19.59	90.99	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_16QAM	20.65	-0.98	19.67	92.68	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_64QAM	19.32	-0.98	18.34	68.23	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_64QAM	19.37	-0.98	18.39	69.02	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_64QAM	18.93	-0.98	17.95	62.37	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_64QAM	19.01	-0.98	18.03	63.53	2000	PASS
DC_5A_n41A	30	60	505200	162@0	CP_256QAM	16.33	-0.98	15.35	34.28	2000	PASS
DC_5A_n41A	30	60	505200	81@40	CP_256QAM	16.35	-0.98	15.37	34.43	2000	PASS
DC_5A_n41A	30	60	505200	1@1	CP_256QAM	16.42	-0.98	15.44	34.99	2000	PASS
DC_5A_n41A	30	60	505200	1@160	CP_256QAM	16.36	-0.98	15.38	34.51	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_BPSK	22.5	-0.98	21.52	141.91	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_BPSK	22.69	-0.98	21.71	148.25	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_QPSK	22.02	-0.98	21.04	127.06	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_QPSK	22.97	-0.98	21.99	158.12	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_QPSK	22.73	-0.98	21.75	149.62	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_QPSK	23.11	-0.98	22.13	163.31	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_16QAM	21	-0.98	20.02	100.46	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_16QAM	21.98	-0.98	21	125.89	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_16QAM	21.55	-0.98	20.57	114.02	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_16QAM	21.88	-0.98	20.9	123.03	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_64QAM	20.53	-0.98	19.55	90.16	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_64QAM	20.6	-0.98	19.62	91.62	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_64QAM	20.24	-0.98	19.26	84.33	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
DC_5A_n41A	30	60	518598	162@0	DFT_256QAM	18.54	-0.98	17.56	57.02	2000	PASS
DC_5A_n41A	30	60	518598	81@40	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
DC_5A_n41A	30	60	518598	1@1	DFT_256QAM	18.22	-0.98	17.24	52.97	2000	PASS
DC_5A_n41A	30	60	518598	1@160	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_QPSK	20.04	-0.98	19.06	80.54	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_QPSK	21.35	-0.98	20.37	108.89	2000	PASS

DC_5A_n41A	30	60	518598	1@160	CP_QPSK	21.72	-0.98	20.74	118.58	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_16QAM	20.02	-0.98	19.04	80.17	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_16QAM	21	-0.98	20.02	100.46	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_16QAM	20.62	-0.98	19.64	92.04	2000	PASS
DC_5A_n41A	30	60	518598	1@160	CP_16QAM	21.08	-0.98	20.1	102.33	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_64QAM	19.54	-0.98	18.56	71.78	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_64QAM	19.01	-0.98	18.03	63.53	2000	PASS
DC_5A_n41A	30	60	518598	1@160	CP_64QAM	19.41	-0.98	18.43	69.66	2000	PASS
DC_5A_n41A	30	60	518598	162@0	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
DC_5A_n41A	30	60	518598	81@40	CP_256QAM	16.51	-0.98	15.53	35.73	2000	PASS
DC_5A_n41A	30	60	518598	1@1	CP_256QAM	16.34	-0.98	15.36	34.36	2000	PASS
DC_5A_n41A	30	60	518598	1@160	CP_256QAM	16.75	-0.98	15.77	37.76	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_BPSK	22.52	-0.98	21.54	142.56	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_BPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_BPSK	22.97	-0.98	21.99	158.12	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_QPSK	22.02	-0.98	21.04	127.06	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_QPSK	23.03	-0.98	22.05	160.32	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_QPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_QPSK	23	-0.98	22.02	159.22	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_16QAM	22.06	-0.98	21.08	128.23	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_16QAM	21.78	-0.98	20.8	120.23	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_16QAM	21.8	-0.98	20.82	120.78	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_64QAM	20.56	-0.98	19.58	90.78	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_64QAM	20.34	-0.98	19.36	86.3	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
DC_5A_n41A	30	60	531996	162@0	DFT_256QAM	18.56	-0.98	17.58	57.28	2000	PASS
DC_5A_n41A	30	60	531996	81@40	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
DC_5A_n41A	30	60	531996	1@1	DFT_256QAM	18.44	-0.98	17.46	55.72	2000	PASS
DC_5A_n41A	30	60	531996	1@160	DFT_256QAM	18.55	-0.98	17.57	57.15	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_QPSK	20.03	-0.98	19.05	80.35	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_QPSK	21.52	-0.98	20.54	113.24	2000	PASS
DC_5A_n41A	30	60	531996	1@1	CP_QPSK	21.43	-0.98	20.45	110.92	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_QPSK	21.61	-0.98	20.63	115.61	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_16QAM	20.01	-0.98	19.03	79.98	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_16QAM	21.04	-0.98	20.06	101.39	2000	PASS
DC_5A_n41A	30	60	531996	1@1	CP_16QAM	20.87	-0.98	19.89	97.5	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_16QAM	20.92	-0.98	19.94	98.63	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_64QAM	19.53	-0.98	18.55	71.61	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_64QAM	19.61	-0.98	18.63	72.95	2000	PASS

DC_5A_n41A	30	60	531996	1@1	CP_64QAM	19.23	-0.98	18.25	66.83	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_64QAM	19.34	-0.98	18.36	68.55	2000	PASS
DC_5A_n41A	30	60	531996	162@0	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	60	531996	81@40	CP_256QAM	16.63	-0.98	15.65	36.73	2000	PASS
DC_5A_n41A	30	60	531996	1@1	CP_256QAM	16.53	-0.98	15.55	35.89	2000	PASS
DC_5A_n41A	30	60	531996	1@160	CP_256QAM	16.66	-0.98	15.68	36.98	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_BPSK	22.36	-0.98	21.38	137.4	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_BPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_BPSK	22.79	-0.98	21.81	151.71	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_BPSK	22.82	-0.98	21.84	152.76	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_QPSK	21.89	-0.98	20.91	123.31	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_QPSK	22.8	-0.98	21.82	152.05	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_QPSK	22.89	-0.98	21.91	155.24	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_16QAM	21.88	-0.98	20.9	123.03	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_16QAM	21.63	-0.98	20.65	116.14	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_16QAM	21.68	-0.98	20.7	117.49	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_64QAM	20.35	-0.98	19.37	86.5	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_64QAM	20.43	-0.98	19.45	88.1	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_64QAM	20.36	-0.98	19.38	86.7	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_64QAM	20.42	-0.98	19.44	87.9	2000	PASS
DC_5A_n41A	30	80	507204	216@0	DFT_256QAM	18.42	-0.98	17.44	55.46	2000	PASS
DC_5A_n41A	30	80	507204	108@54	DFT_256QAM	18.43	-0.98	17.45	55.59	2000	PASS
DC_5A_n41A	30	80	507204	1@1	DFT_256QAM	18.35	-0.98	17.37	54.58	2000	PASS
DC_5A_n41A	30	80	507204	1@215	DFT_256QAM	18.41	-0.98	17.43	55.34	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_QPSK	19.88	-0.98	18.9	77.62	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_QPSK	21.39	-0.98	20.41	109.9	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_QPSK	21.38	-0.98	20.4	109.65	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_16QAM	19.9	-0.98	18.92	77.98	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_16QAM	20.86	-0.98	19.88	97.27	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_16QAM	20.72	-0.98	19.74	94.19	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_16QAM	20.79	-0.98	19.81	95.72	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_64QAM	19.39	-0.98	18.41	69.34	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_64QAM	19.42	-0.98	18.44	69.82	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_64QAM	19.17	-0.98	18.19	65.92	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_64QAM	19.2	-0.98	18.22	66.37	2000	PASS
DC_5A_n41A	30	80	507204	217@0	CP_256QAM	16.39	-0.98	15.41	34.75	2000	PASS
DC_5A_n41A	30	80	507204	109@54	CP_256QAM	16.39	-0.98	15.41	34.75	2000	PASS
DC_5A_n41A	30	80	507204	1@1	CP_256QAM	16.47	-0.98	15.49	35.4	2000	PASS
DC_5A_n41A	30	80	507204	1@215	CP_256QAM	16.48	-0.98	15.5	35.48	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_BPSK	22.54	-0.98	21.56	143.22	2000	PASS

DC_5A_n41A	30	80	518598	108@54	DFT_BPSK	23.02	-0.98	22.04	159.96	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_BPSK	22.77	-0.98	21.79	151.01	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_BPSK	23.12	-0.98	22.14	163.68	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_QPSK	22.04	-0.98	21.06	127.64	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_QPSK	23.04	-0.98	22.06	160.69	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_QPSK	22.84	-0.98	21.86	153.46	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_QPSK	23.21	-0.98	22.23	167.11	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_16QAM	21.05	-0.98	20.07	101.62	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_16QAM	22.04	-0.98	21.06	127.64	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_16QAM	21.6	-0.98	20.62	115.35	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_16QAM	22.02	-0.98	21.04	127.06	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_64QAM	20.58	-0.98	19.6	91.2	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_64QAM	20.39	-0.98	19.41	87.3	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_64QAM	20.72	-0.98	19.74	94.19	2000	PASS
DC_5A_n41A	30	80	518598	216@0	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
DC_5A_n41A	30	80	518598	108@54	DFT_256QAM	18.61	-0.98	17.63	57.94	2000	PASS
DC_5A_n41A	30	80	518598	1@1	DFT_256QAM	18.34	-0.98	17.36	54.45	2000	PASS
DC_5A_n41A	30	80	518598	1@215	DFT_256QAM	18.75	-0.98	17.77	59.84	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_QPSK	20.06	-0.98	19.08	80.91	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_QPSK	21.49	-0.98	20.51	112.46	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_QPSK	21.4	-0.98	20.42	110.15	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_QPSK	21.72	-0.98	20.74	118.58	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_16QAM	20.07	-0.98	19.09	81.1	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_16QAM	21.03	-0.98	20.05	101.16	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_16QAM	20.8	-0.98	19.82	95.94	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_16QAM	21.1	-0.98	20.12	102.8	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_64QAM	19.57	-0.98	18.59	72.28	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_64QAM	19.17	-0.98	18.19	65.92	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_64QAM	19.52	-0.98	18.54	71.45	2000	PASS
DC_5A_n41A	30	80	518598	217@0	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
DC_5A_n41A	30	80	518598	109@54	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS
DC_5A_n41A	30	80	518598	1@1	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	80	518598	1@215	CP_256QAM	16.85	-0.98	15.87	38.64	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_BPSK	22.61	-0.98	21.63	145.55	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_BPSK	23.16	-0.98	22.18	165.2	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_BPSK	22.93	-0.98	21.95	156.68	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_BPSK	23.12	-0.98	22.14	163.68	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_QPSK	22.09	-0.98	21.11	129.12	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_QPSK	23.17	-0.98	22.19	165.58	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_QPSK	22.96	-0.98	21.98	157.76	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_QPSK	23.13	-0.98	22.15	164.06	2000	PASS

DC_5A_n41A	30	80	529998	216@0	DFT_16QAM	21.09	-0.98	20.11	102.57	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_16QAM	22.14	-0.98	21.16	130.62	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_16QAM	21.93	-0.98	20.95	124.45	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_64QAM	20.57	-0.98	19.59	90.99	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_64QAM	20.72	-0.98	19.74	94.19	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_64QAM	20.45	-0.98	19.47	88.51	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_64QAM	20.66	-0.98	19.68	92.9	2000	PASS
DC_5A_n41A	30	80	529998	216@0	DFT_256QAM	18.7	-0.98	17.72	59.16	2000	PASS
DC_5A_n41A	30	80	529998	108@54	DFT_256QAM	18.71	-0.98	17.73	59.29	2000	PASS
DC_5A_n41A	30	80	529998	1@1	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
DC_5A_n41A	30	80	529998	1@215	DFT_256QAM	18.69	-0.98	17.71	59.02	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_QPSK	20.12	-0.98	19.14	82.04	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_QPSK	21.67	-0.98	20.69	117.22	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_QPSK	21.54	-0.98	20.56	113.76	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_QPSK	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_16QAM	20.11	-0.98	19.13	81.85	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_16QAM	20.88	-0.98	19.9	97.72	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_16QAM	21.06	-0.98	20.08	101.86	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_64QAM	19.59	-0.98	18.61	72.61	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_64QAM	19.68	-0.98	18.7	74.13	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_64QAM	19.32	-0.98	18.34	68.23	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
DC_5A_n41A	30	80	529998	217@0	CP_256QAM	16.7	-0.98	15.72	37.33	2000	PASS
DC_5A_n41A	30	80	529998	109@54	CP_256QAM	16.71	-0.98	15.73	37.41	2000	PASS
DC_5A_n41A	30	80	529998	1@1	CP_256QAM	16.64	-0.98	15.66	36.81	2000	PASS
DC_5A_n41A	30	80	529998	1@215	CP_256QAM	16.85	-0.98	15.87	38.64	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_BPSK	22.48	-0.98	21.5	141.25	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_BPSK	23	-0.98	22.02	159.22	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_BPSK	22.92	-0.98	21.94	156.31	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_BPSK	22.95	-0.98	21.97	157.4	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_QPSK	22.01	-0.98	21.03	126.77	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_QPSK	23.01	-0.98	22.03	159.59	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_QPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_QPSK	23.02	-0.98	22.04	159.96	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_16QAM	21.01	-0.98	20.03	100.69	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_16QAM	22.01	-0.98	21.03	126.77	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_16QAM	21.73	-0.98	20.75	118.85	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_16QAM	21.83	-0.98	20.85	121.62	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_64QAM	20.49	-0.98	19.51	89.33	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_64QAM	20.39	-0.98	19.41	87.3	2000	PASS

DC_5A_n41A	30	90	508200	1@243	DFT_64QAM	20.55	-0.98	19.57	90.57	2000	PASS
DC_5A_n41A	30	90	508200	243@0	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
DC_5A_n41A	30	90	508200	120@60	DFT_256QAM	18.53	-0.98	17.55	56.89	2000	PASS
DC_5A_n41A	30	90	508200	1@1	DFT_256QAM	18.46	-0.98	17.48	55.98	2000	PASS
DC_5A_n41A	30	90	508200	1@243	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_QPSK	20	-0.98	19.02	79.8	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_QPSK	21.46	-0.98	20.48	111.69	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_QPSK	21.5	-0.98	20.52	112.72	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_QPSK	21.58	-0.98	20.6	114.82	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_16QAM	19.98	-0.98	19	79.43	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_16QAM	20.99	-0.98	20.01	100.23	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_16QAM	20.85	-0.98	19.87	97.05	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_16QAM	20.91	-0.98	19.93	98.4	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_64QAM	19.48	-0.98	18.5	70.79	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_64QAM	19.47	-0.98	18.49	70.63	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_64QAM	19.26	-0.98	18.28	67.3	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_64QAM	19.37	-0.98	18.39	69.02	2000	PASS
DC_5A_n41A	30	90	508200	245@0	CP_256QAM	16.49	-0.98	15.51	35.56	2000	PASS
DC_5A_n41A	30	90	508200	123@61	CP_256QAM	16.47	-0.98	15.49	35.4	2000	PASS
DC_5A_n41A	30	90	508200	1@1	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
DC_5A_n41A	30	90	508200	1@243	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_BPSK	22.58	-0.98	21.6	144.54	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_BPSK	22.76	-0.98	21.78	150.66	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_BPSK	23.12	-0.98	22.14	163.68	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_QPSK	22.06	-0.98	21.08	128.23	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_QPSK	23.07	-0.98	22.09	161.81	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_QPSK	22.82	-0.98	21.84	152.76	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_QPSK	23.17	-0.98	22.19	165.58	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_16QAM	21.06	-0.98	20.08	101.86	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_16QAM	21.66	-0.98	20.68	116.95	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_16QAM	21.98	-0.98	21	125.89	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_64QAM	20.58	-0.98	19.6	91.2	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_64QAM	20.6	-0.98	19.62	91.62	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_64QAM	20.37	-0.98	19.39	86.9	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_64QAM	20.7	-0.98	19.72	93.76	2000	PASS
DC_5A_n41A	30	90	518598	243@0	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
DC_5A_n41A	30	90	518598	120@60	DFT_256QAM	18.63	-0.98	17.65	58.21	2000	PASS
DC_5A_n41A	30	90	518598	1@1	DFT_256QAM	18.39	-0.98	17.41	55.08	2000	PASS
DC_5A_n41A	30	90	518598	1@243	DFT_256QAM	18.76	-0.98	17.78	59.98	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_QPSK	20.12	-0.98	19.14	82.04	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_QPSK	21.5	-0.98	20.52	112.72	2000	PASS

DC_5A_n41A	30	90	518598	1@1	CP_QPSK	21.45	-0.98	20.47	111.43	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_QPSK	21.84	-0.98	20.86	121.9	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_16QAM	20.08	-0.98	19.1	81.28	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_16QAM	21.02	-0.98	20.04	100.93	2000	PASS
DC_5A_n41A	30	90	518598	1@1	CP_16QAM	20.74	-0.98	19.76	94.62	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_16QAM	21.11	-0.98	20.13	103.04	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_64QAM	19.6	-0.98	18.62	72.78	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_64QAM	19.56	-0.98	18.58	72.11	2000	PASS
DC_5A_n41A	30	90	518598	1@1	CP_64QAM	19.18	-0.98	18.2	66.07	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_64QAM	19.51	-0.98	18.53	71.29	2000	PASS
DC_5A_n41A	30	90	518598	245@0	CP_256QAM	16.61	-0.98	15.63	36.56	2000	PASS
DC_5A_n41A	30	90	518598	123@61	CP_256QAM	16.6	-0.98	15.62	36.48	2000	PASS
DC_5A_n41A	30	90	518598	1@1	CP_256QAM	16.37	-0.98	15.39	34.59	2000	PASS
DC_5A_n41A	30	90	518598	1@243	CP_256QAM	16.85	-0.98	15.87	38.64	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_BPSK	22.67	-0.98	21.69	147.57	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_BPSK	23.15	-0.98	22.17	164.82	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_BPSK	22.83	-0.98	21.85	153.11	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_BPSK	23.07	-0.98	22.09	161.81	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_QPSK	22.13	-0.98	21.15	130.32	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_QPSK	23.16	-0.98	22.18	165.2	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_QPSK	22.88	-0.98	21.9	154.88	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_QPSK	23.12	-0.98	22.14	163.68	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_16QAM	22.16	-0.98	21.18	131.22	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_16QAM	21.7	-0.98	20.72	118.03	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_16QAM	21.94	-0.98	20.96	124.74	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_64QAM	20.64	-0.98	19.66	92.47	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_64QAM	20.68	-0.98	19.7	93.33	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_64QAM	20.42	-0.98	19.44	87.9	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_64QAM	20.66	-0.98	19.68	92.9	2000	PASS
DC_5A_n41A	30	90	528996	243@0	DFT_256QAM	18.73	-0.98	17.75	59.57	2000	PASS
DC_5A_n41A	30	90	528996	120@60	DFT_256QAM	18.68	-0.98	17.7	58.88	2000	PASS
DC_5A_n41A	30	90	528996	1@1	DFT_256QAM	18.42	-0.98	17.44	55.46	2000	PASS
DC_5A_n41A	30	90	528996	1@243	DFT_256QAM	18.73	-0.98	17.75	59.57	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_QPSK	20.14	-0.98	19.16	82.41	2000	PASS
DC_5A_n41A	30	90	528996	123@61	CP_QPSK	21.63	-0.98	20.65	116.14	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_QPSK	21.48	-0.98	20.5	112.2	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_QPSK	21.75	-0.98	20.77	119.4	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_16QAM	20.13	-0.98	19.15	82.22	2000	PASS
DC_5A_n41A	30	90	528996	123@61	CP_16QAM	21.15	-0.98	20.17	103.99	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_16QAM	21.1	-0.98	20.12	102.8	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_64QAM	19.65	-0.98	18.67	73.62	2000	PASS

DC_5A_n41A	30	90	528996	123@61	CP_64QAM	19.68	-0.98	18.7	74.13	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_64QAM	19.18	-0.98	18.2	66.07	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_64QAM	19.5	-0.98	18.52	71.12	2000	PASS
DC_5A_n41A	30	90	528996	245@0	CP_256QAM	16.67	-0.98	15.69	37.07	2000	PASS
DC_5A_n41A	30	90	528996	123@61	CP_256QAM	16.77	-0.98	15.79	37.93	2000	PASS
DC_5A_n41A	30	90	528996	1@1	CP_256QAM	16.56	-0.98	15.58	36.14	2000	PASS
DC_5A_n41A	30	90	528996	1@243	CP_256QAM	16.88	-0.98	15.9	38.9	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_BPSK	22.5	-0.98	21.52	141.91	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_BPSK	22.99	-0.98	22.01	158.85	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_BPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_BPSK	22.91	-0.98	21.93	155.96	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_QPSK	21.99	-0.98	21.01	126.18	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_QPSK	22.9	-0.98	21.92	155.6	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_QPSK	22.99	-0.98	22.01	158.85	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_16QAM	20.95	-0.98	19.97	99.31	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_16QAM	22	-0.98	21.02	126.47	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_16QAM	21.88	-0.98	20.9	123.03	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_16QAM	21.81	-0.98	20.83	121.06	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_64QAM	20.51	-0.98	19.53	89.74	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_64QAM	20.46	-0.98	19.48	88.72	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_64QAM	20.54	-0.98	19.56	90.36	2000	PASS
DC_5A_n41A	30	100	509202	270@0	DFT_256QAM	18.48	-0.98	17.5	56.23	2000	PASS
DC_5A_n41A	30	100	509202	135@67	DFT_256QAM	18.59	-0.98	17.61	57.68	2000	PASS
DC_5A_n41A	30	100	509202	1@1	DFT_256QAM	18.52	-0.98	17.54	56.75	2000	PASS
DC_5A_n41A	30	100	509202	1@271	DFT_256QAM	18.57	-0.98	17.59	57.41	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_QPSK	19.99	-0.98	19.01	79.62	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_QPSK	21.47	-0.98	20.49	111.94	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_QPSK	21.49	-0.98	20.51	112.46	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_QPSK	21.61	-0.98	20.63	115.61	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_16QAM	20	-0.98	19.02	79.8	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_16QAM	20.98	-0.98	20	100	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_16QAM	20.84	-0.98	19.86	96.83	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_16QAM	20.92	-0.98	19.94	98.63	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_64QAM	19.46	-0.98	18.48	70.47	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_64QAM	19.51	-0.98	18.53	71.29	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_64QAM	19.18	-0.98	18.2	66.07	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_64QAM	19.28	-0.98	18.3	67.61	2000	PASS
DC_5A_n41A	30	100	509202	273@0	CP_256QAM	16.5	-0.98	15.52	35.65	2000	PASS
DC_5A_n41A	30	100	509202	137@68	CP_256QAM	16.48	-0.98	15.5	35.48	2000	PASS
DC_5A_n41A	30	100	509202	1@1	CP_256QAM	16.46	-0.98	15.48	35.32	2000	PASS
DC_5A_n41A	30	100	509202	1@271	CP_256QAM	16.57	-0.98	15.59	36.22	2000	PASS

DC_5A_n41A	30	100	518598	270@0	DFT_BPSK	22.56	-0.98	21.58	143.88	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_BPSK	23.04	-0.98	22.06	160.69	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_BPSK	22.74	-0.98	21.76	149.97	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_BPSK	23.08	-0.98	22.1	162.18	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_QPSK	22.03	-0.98	21.05	127.35	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_QPSK	23.03	-0.98	22.05	160.32	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_QPSK	22.81	-0.98	21.83	152.41	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_QPSK	23.14	-0.98	22.16	164.44	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_16QAM	21.07	-0.98	20.09	102.09	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_16QAM	22.07	-0.98	21.09	128.53	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_16QAM	21.59	-0.98	20.61	115.08	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_16QAM	21.95	-0.98	20.97	125.03	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_64QAM	20.61	-0.98	19.63	91.83	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_64QAM	20.41	-0.98	19.43	87.7	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_64QAM	20.65	-0.98	19.67	92.68	2000	PASS
DC_5A_n41A	30	100	518598	270@0	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
DC_5A_n41A	30	100	518598	135@67	DFT_256QAM	18.62	-0.98	17.64	58.08	2000	PASS
DC_5A_n41A	30	100	518598	1@1	DFT_256QAM	18.38	-0.98	17.4	54.95	2000	PASS
DC_5A_n41A	30	100	518598	1@271	DFT_256QAM	18.73	-0.98	17.75	59.57	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_QPSK	20.08	-0.98	19.1	81.28	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_QPSK	21.51	-0.98	20.53	112.98	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_QPSK	21.4	-0.98	20.42	110.15	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_QPSK	21.74	-0.98	20.76	119.12	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_16QAM	20.09	-0.98	19.11	81.47	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_16QAM	21.06	-0.98	20.08	101.86	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_16QAM	20.77	-0.98	19.79	95.28	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_16QAM	21.08	-0.98	20.1	102.33	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_64QAM	19.59	-0.98	18.61	72.61	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_64QAM	19.55	-0.98	18.57	71.94	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_64QAM	19.19	-0.98	18.21	66.22	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_64QAM	19.48	-0.98	18.5	70.79	2000	PASS
DC_5A_n41A	30	100	518598	273@0	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
DC_5A_n41A	30	100	518598	137@68	CP_256QAM	16.59	-0.98	15.61	36.39	2000	PASS
DC_5A_n41A	30	100	518598	1@1	CP_256QAM	16.39	-0.98	15.41	34.75	2000	PASS
DC_5A_n41A	30	100	518598	1@271	CP_256QAM	16.83	-0.98	15.85	38.46	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_BPSK	22.63	-0.98	21.65	146.22	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_BPSK	23.18	-0.98	22.2	165.96	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_BPSK	22.77	-0.98	21.79	151.01	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_BPSK	23.12	-0.98	22.14	163.68	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_QPSK	22.1	-0.98	21.12	129.42	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_QPSK	23.17	-0.98	22.19	165.58	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_QPSK	22.83	-0.98	21.85	153.11	2000	PASS

DC_5A_n41A	30	100	528000	1@271	DFT_QPSK	23.15	-0.98	22.17	164.82	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_16QAM	21.12	-0.98	20.14	103.28	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_16QAM	22.2	-0.98	21.22	132.43	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_16QAM	21.66	-0.98	20.68	116.95	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_16QAM	21.99	-0.98	21.01	126.18	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_64QAM	20.66	-0.98	19.68	92.9	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_64QAM	20.73	-0.98	19.75	94.41	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_64QAM	20.35	-0.98	19.37	86.5	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_64QAM	20.74	-0.98	19.76	94.62	2000	PASS
DC_5A_n41A	30	100	528000	270@0	DFT_256QAM	18.73	-0.98	17.75	59.57	2000	PASS
DC_5A_n41A	30	100	528000	135@67	DFT_256QAM	18.76	-0.98	17.78	59.98	2000	PASS
DC_5A_n41A	30	100	528000	1@1	DFT_256QAM	18.38	-0.98	17.4	54.95	2000	PASS
DC_5A_n41A	30	100	528000	1@271	DFT_256QAM	18.74	-0.98	17.76	59.7	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_QPSK	20.12	-0.98	19.14	82.04	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_QPSK	21.62	-0.98	20.64	115.88	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_QPSK	21.47	-0.98	20.49	111.94	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_QPSK	21.78	-0.98	20.8	120.23	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_16QAM	20.15	-0.98	19.17	82.6	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_16QAM	21.18	-0.98	20.2	104.71	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_16QAM	20.79	-0.98	19.81	95.72	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_16QAM	21.14	-0.98	20.16	103.75	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_64QAM	19.67	-0.98	18.69	73.96	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_64QAM	19.66	-0.98	18.68	73.79	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_64QAM	19.18	-0.98	18.2	66.07	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_64QAM	19.6	-0.98	18.62	72.78	2000	PASS
DC_5A_n41A	30	100	528000	273@0	CP_256QAM	16.67	-0.98	15.69	37.07	2000	PASS
DC_5A_n41A	30	100	528000	137@68	CP_256QAM	16.8	-0.98	15.82	38.19	2000	PASS
DC_5A_n41A	30	100	528000	1@1	CP_256QAM	16.41	-0.98	15.43	34.91	2000	PASS
DC_5A_n41A	30	100	528000	1@271	CP_256QAM	16.87	-0.98	15.89	38.82	2000	PASS

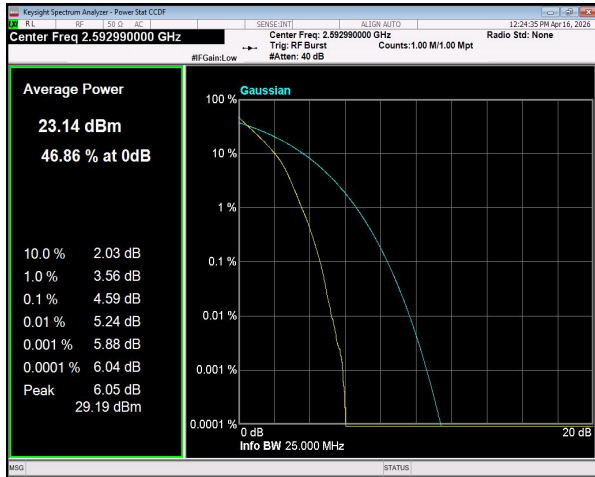
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	3.84	n41	30	100	518598	270@0	DFT_BPSK	-2.5	-0.00096	PASS
20	3	n41	30	100	518598	270@0	DFT_BPSK	-3.6	-0.00139	PASS
20	4.35	n41	30	100	518598	270@0	DFT_BPSK	-7	-0.0027	PASS
-30	3.84	n41	30	100	518598	270@0	DFT_BPSK	-2.2	-0.00085	PASS
-20	3.84	n41	30	100	518598	270@0	DFT_BPSK	-4.3	-0.00166	PASS
-10	3.84	n41	30	100	518598	270@0	DFT_BPSK	-0.3	-0.00012	PASS
0	3.84	n41	30	100	518598	270@0	DFT_BPSK	-6.3	-0.00243	PASS
10	3.84	n41	30	100	518598	270@0	DFT_BPSK	-1	-0.00039	PASS
30	3.84	n41	30	100	518598	270@0	DFT_BPSK	-2.1	-0.00081	PASS
40	3.84	n41	30	100	518598	270@0	DFT_BPSK	-7.8	-0.00301	PASS
50	3.84	n41	30	100	518598	270@0	DFT_BPSK	0.8	0.00031	PASS

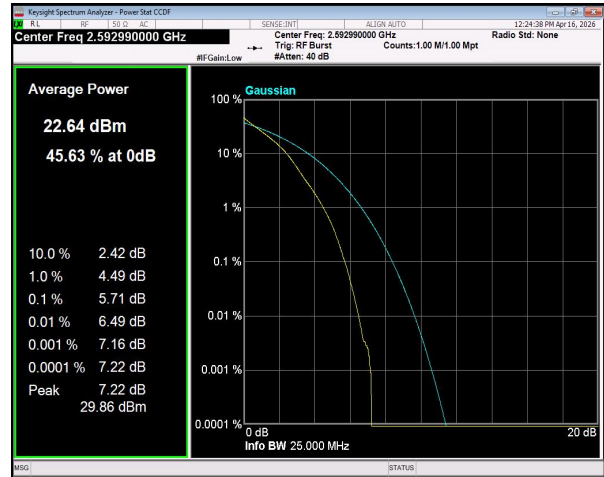
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

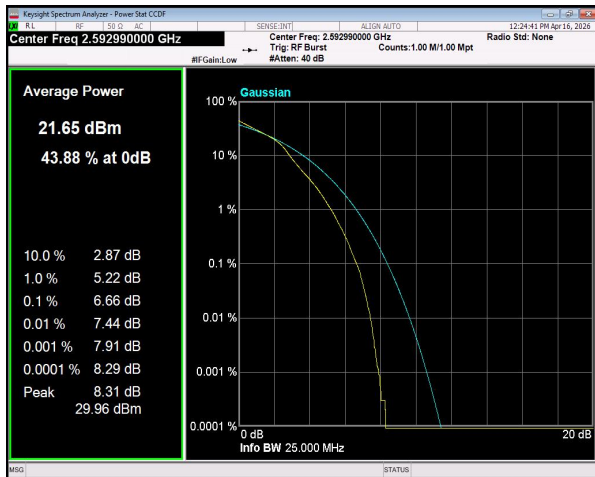
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n41	30	20	518598	50@0	DFT_BPSK	4.59	13	PASS
n41	30	20	518598	50@0	DFT_QPSK	5.71	13	PASS
n41	30	20	518598	50@0	DFT_16QAM	6.66	13	PASS
n41	30	20	518598	50@0	DFT_64QAM	6.67	13	PASS
n41	30	20	518598	50@0	DFT_256QAM	6.84	13	PASS



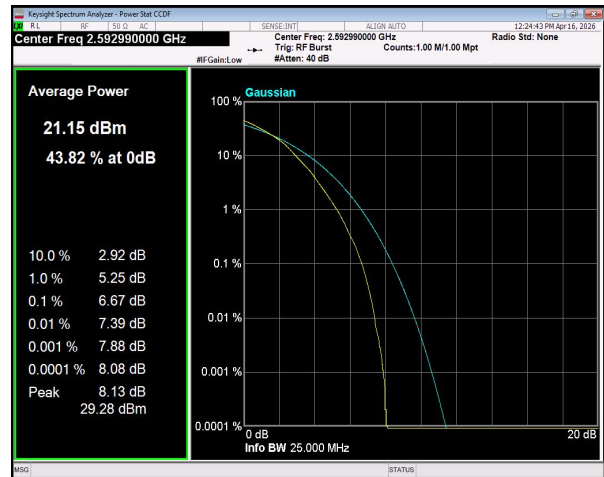
n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598
RB=50@0



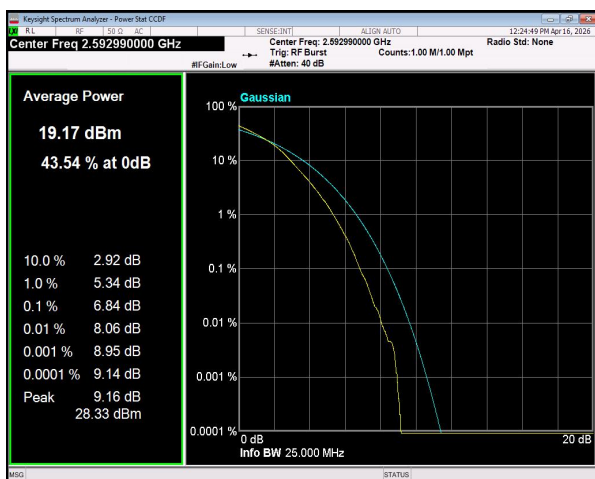
n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598
RB=50@0



n41 SCS=30kHz DFT_16QAM BW=20MHz Channel=518598
RB=50@0



n41 SCS=30kHz DFT_64QAM BW=20MHz Channel=518598
RB=50@0

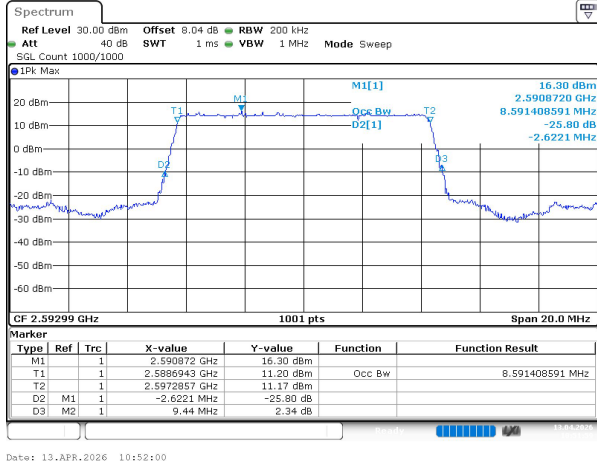


n41 SCS=30kHz DFT_256QAM BW=20MHz Channel=518598
RB=50@0

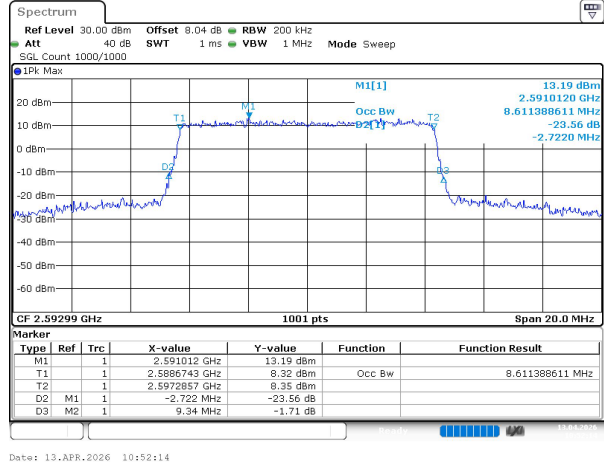
4. Occupied Bandwidth

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	8.591	9.440	PASS
n41	30	10	518598	2592.99	24@0	CP_QPSK	8.611	9.340	PASS
n41	30	10	518598	2592.99	24@0	CP_16QAM	8.631	9.420	PASS
n41	30	10	518598	2592.99	24@0	CP_64QAM	8.631	9.360	PASS
n41	30	10	518598	2592.99	24@0	CP_256QAM	8.611	9.420	PASS
n41	30	15	518598	2592.99	36@0	DFT_BPSK	12.947	13.740	PASS
n41	30	15	518598	2592.99	38@0	CP_QPSK	13.606	16.830	PASS
n41	30	15	518598	2592.99	38@0	CP_16QAM	13.606	14.580	PASS
n41	30	15	518598	2592.99	38@0	CP_64QAM	13.636	14.640	PASS
n41	30	15	518598	2592.99	38@0	CP_256QAM	13.636	14.640	PASS
n41	30	20	518598	2592.99	50@0	DFT_BPSK	18.062	19.200	PASS
n41	30	20	518598	2592.99	51@0	CP_QPSK	18.302	19.640	PASS
n41	30	20	518598	2592.99	51@0	CP_16QAM	18.262	19.560	PASS
n41	30	20	518598	2592.99	51@0	CP_64QAM	18.302	19.520	PASS
n41	30	20	518598	2592.99	51@0	CP_256QAM	18.302	19.600	PASS
n41	30	30	518598	2592.99	75@0	DFT_BPSK	27.153	29.160	PASS
n41	30	30	518598	2592.99	78@0	CP_QPSK	28.172	30.240	PASS
n41	30	30	518598	2592.99	78@0	CP_16QAM	28.172	30.420	PASS
n41	30	30	518598	2592.99	78@0	CP_64QAM	28.172	30.300	PASS
n41	30	30	518598	2592.99	78@0	CP_256QAM	28.232	30.240	PASS
n41	30	40	518598	2592.99	100@0	DFT_BPSK	35.964	38.160	PASS
n41	30	40	518598	2592.99	106@0	CP_QPSK	37.962	40.320	PASS
n41	30	40	518598	2592.99	106@0	CP_16QAM	37.962	40.320	PASS
n41	30	40	518598	2592.99	106@0	CP_64QAM	38.042	40.560	PASS
n41	30	40	518598	2592.99	106@0	CP_256QAM	37.962	40.400	PASS
n41	30	50	518598	2592.99	128@0	DFT_BPSK	45.754	48.300	PASS
n41	30	50	518598	2592.99	133@0	CP_QPSK	47.552	50.100	PASS
n41	30	50	518598	2592.99	133@0	CP_16QAM	47.652	50.300	PASS
n41	30	50	518598	2592.99	133@0	CP_64QAM	47.552	50.100	PASS
n41	30	50	518598	2592.99	133@0	CP_256QAM	47.652	50.300	PASS
n41	30	60	518598	2592.99	162@0	DFT_BPSK	58.262	62.400	PASS
n41	30	60	518598	2592.99	162@0	CP_QPSK	58.621	62.880	PASS
n41	30	60	518598	2592.99	162@0	CP_16QAM	58.501	62.760	PASS
n41	30	60	518598	2592.99	162@0	CP_64QAM	58.621	62.880	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	81.920	PASS
n41	30	80	518598	2592.99	217@0	CP_QPSK	77.842	82.560	PASS
n41	30	80	518598	2592.99	217@0	CP_16QAM	78.162	82.400	PASS
n41	30	80	518598	2592.99	217@0	CP_64QAM	77.842	82.720	PASS

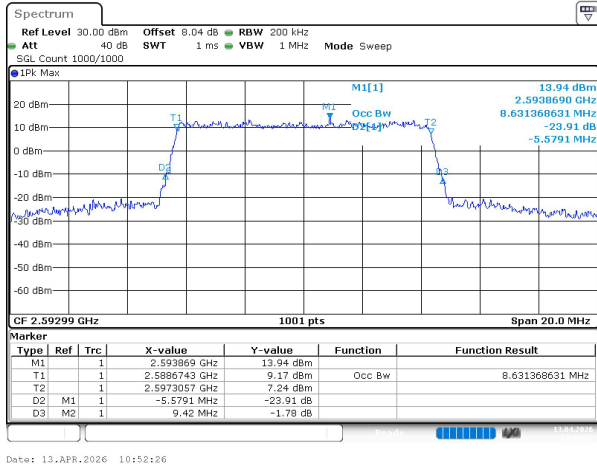
n41	30	80	518598	2592.99	217@0	CP_256QAM	77.842	82.720	PASS
n41	30	90	518598	2592.99	243@0	DFT_BPSK	86.853	91.620	PASS
n41	30	90	518598	2592.99	245@0	CP_QPSK	87.932	92.700	PASS
n41	30	90	518598	2592.99	245@0	CP_16QAM	87.752	92.700	PASS
n41	30	90	518598	2592.99	245@0	CP_64QAM	87.752	92.700	PASS
n41	30	90	518598	2592.99	245@0	CP_256QAM	88.112	92.700	PASS
n41	30	100	518598	2592.99	270@0	DFT_BPSK	96.703	101.400	PASS
n41	30	100	518598	2592.99	273@0	CP_QPSK	97.702	102.800	PASS
n41	30	100	518598	2592.99	273@0	CP_16QAM	97.702	102.600	PASS
n41	30	100	518598	2592.99	273@0	CP_64QAM	97.702	102.800	PASS
n41	30	100	518598	2592.99	273@0	CP_256QAM	97.702	102.800	PASS



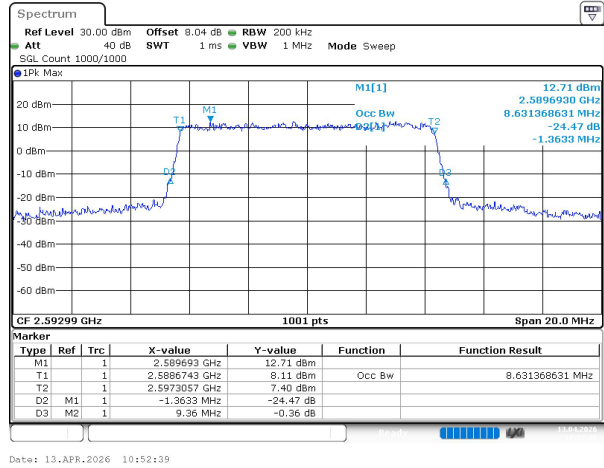
n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=518598
RB=24@0



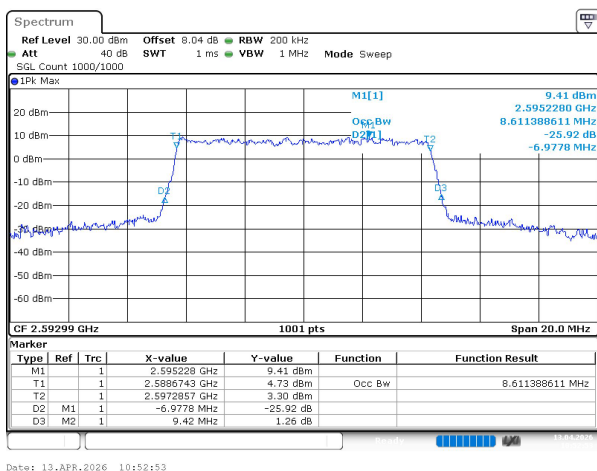
n41 SCS=30kHz CP_QPSK BW=10MHz Channel=518598
RB=24@0



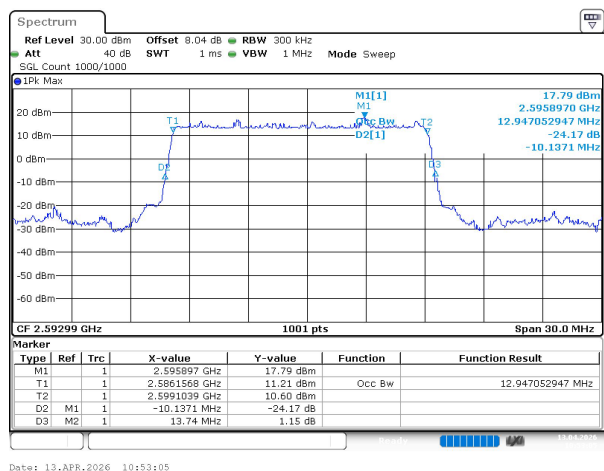
n41 SCS=30kHz CP_16QAM BW=10MHz Channel=518598
RB=24@0



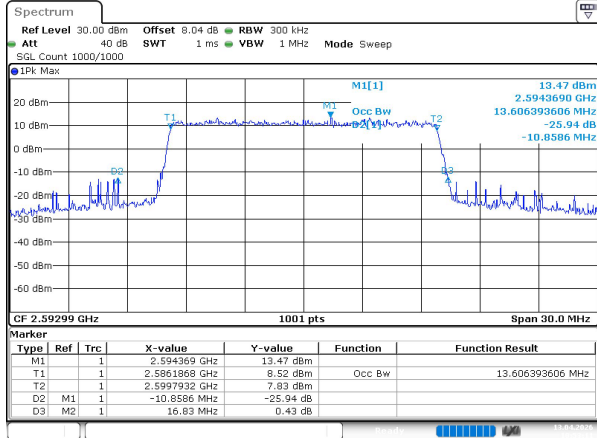
n41 SCS=30kHz CP_64QAM BW=10MHz Channel=518598
RB=24@0



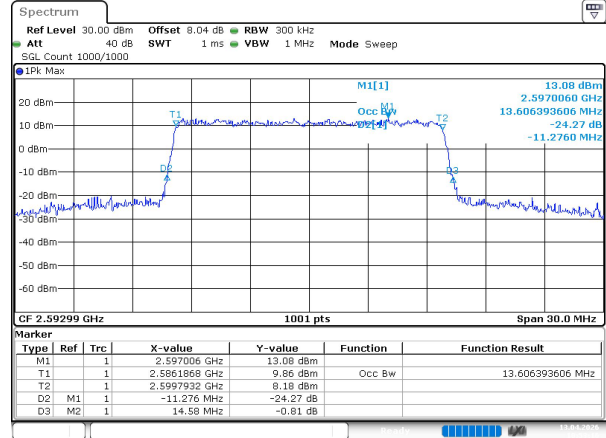
n41 SCS=30kHz CP_256QAM BW=10MHz Channel=518598
RB=24@0



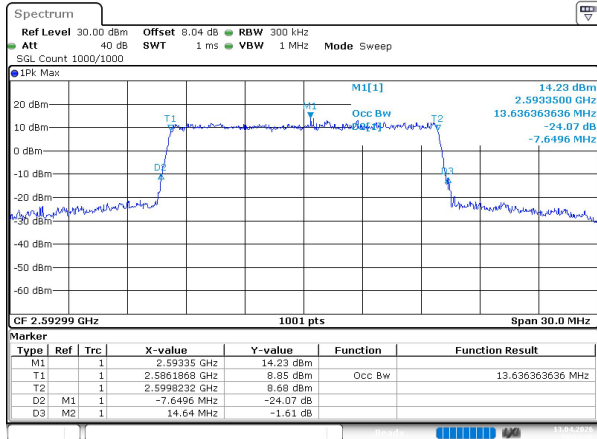
n41 SCS=30kHz DFT_BPSK BW=15MHz Channel=518598
RB=36@0



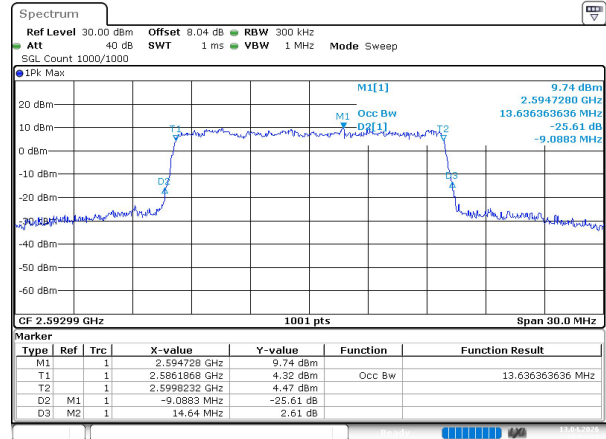
n41 SCS=30kHz CP_QPSK BW=15MHz Channel=518598
RB=38@0



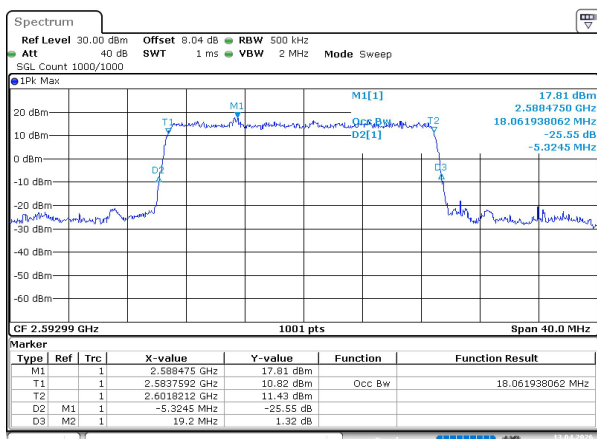
n41 SCS=30kHz CP_16QAM BW=15MHz Channel=518598
RB=38@0



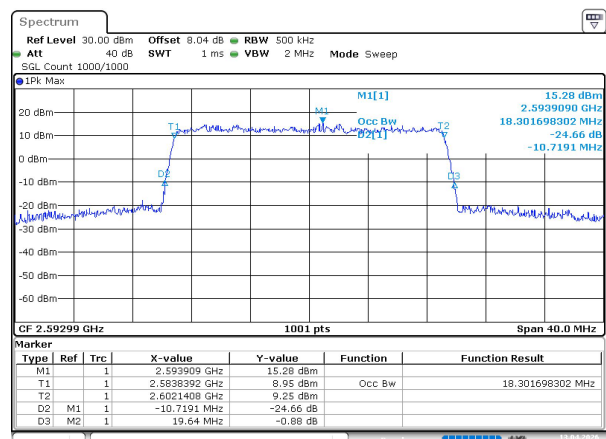
n41 SCS=30kHz CP_64QAM BW=15MHz Channel=518598
RB=38@0



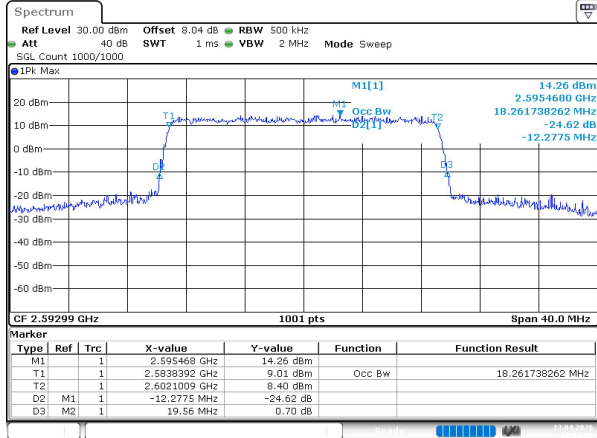
n41 SCS=30kHz CP_256QAM BW=15MHz Channel=518598
RB=38@0



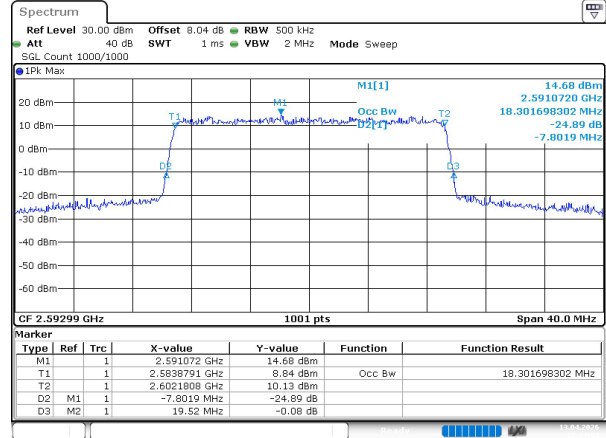
n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598
RB=50@0



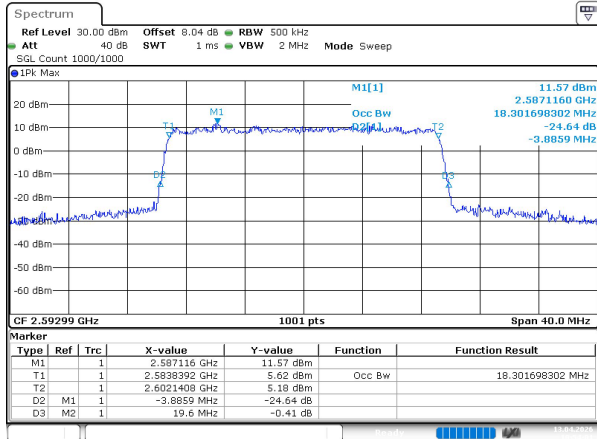
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598
RB=51@0



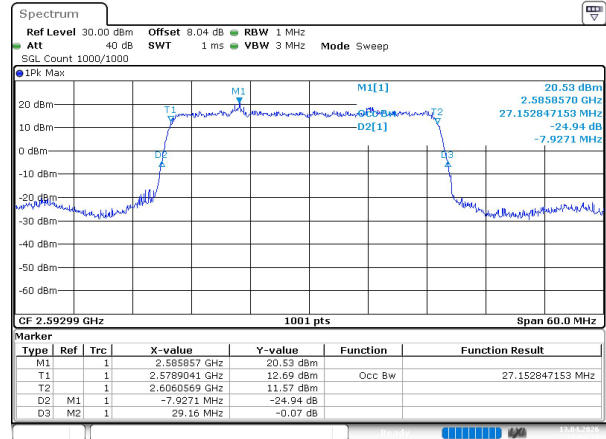
n41 SCS=30kHz CP_16QAM BW=20MHz Channel=518598
RB=51@0



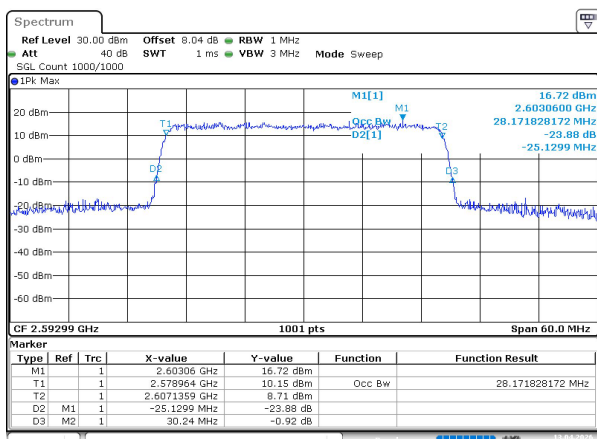
n41 SCS=30kHz CP_64QAM BW=20MHz Channel=518598
RB=51@0



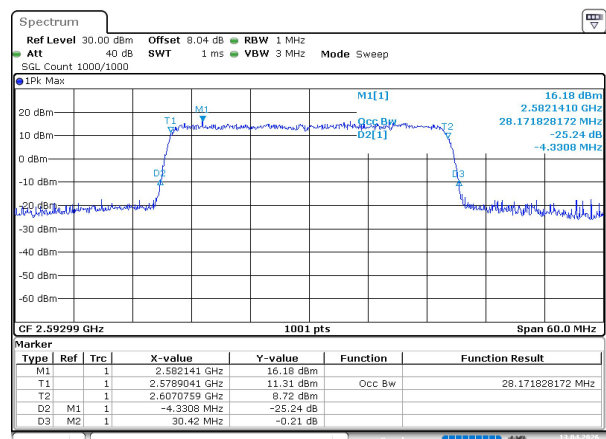
n41 SCS=30kHz CP_256QAM BW=20MHz Channel=518598
RB=51@0



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