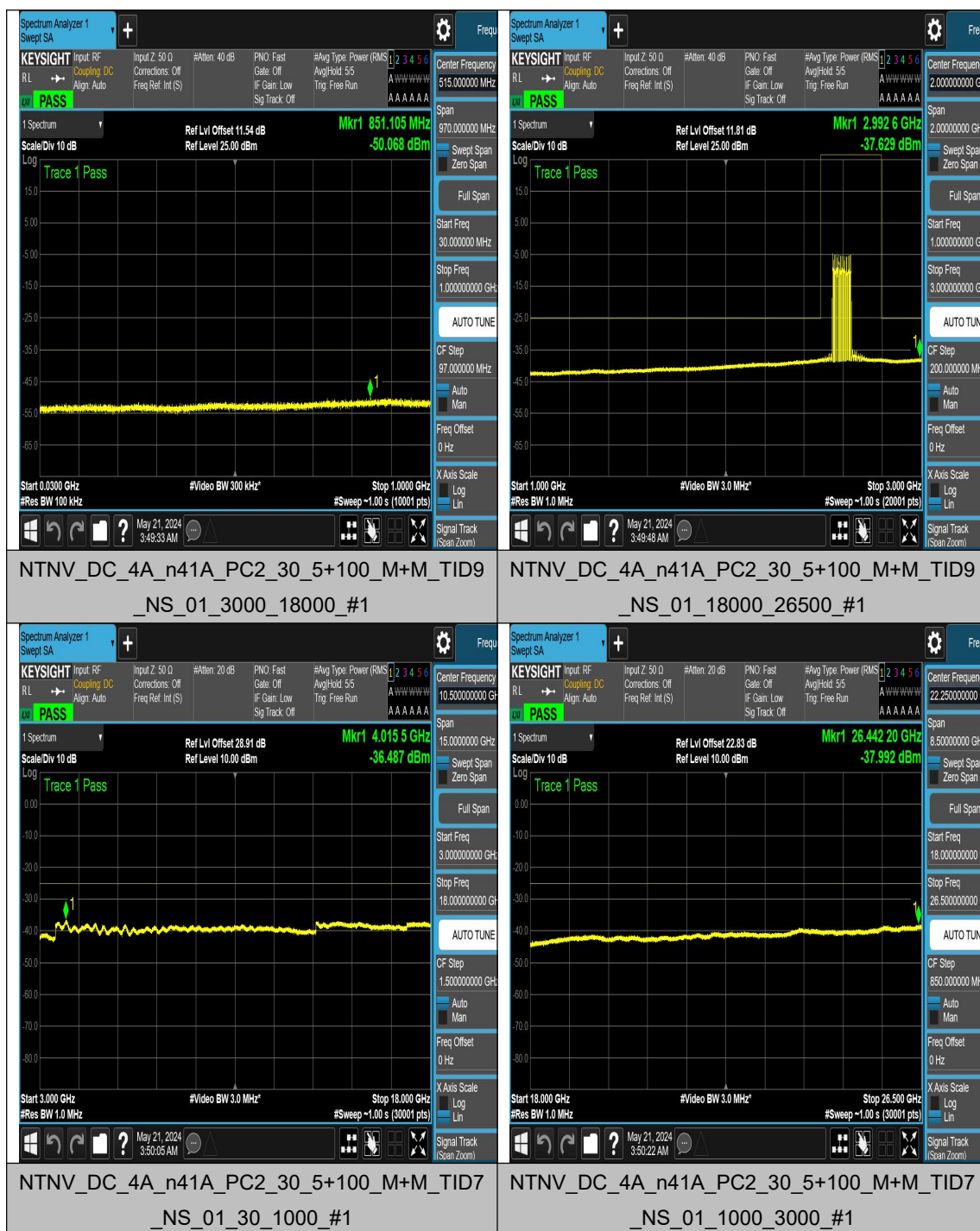
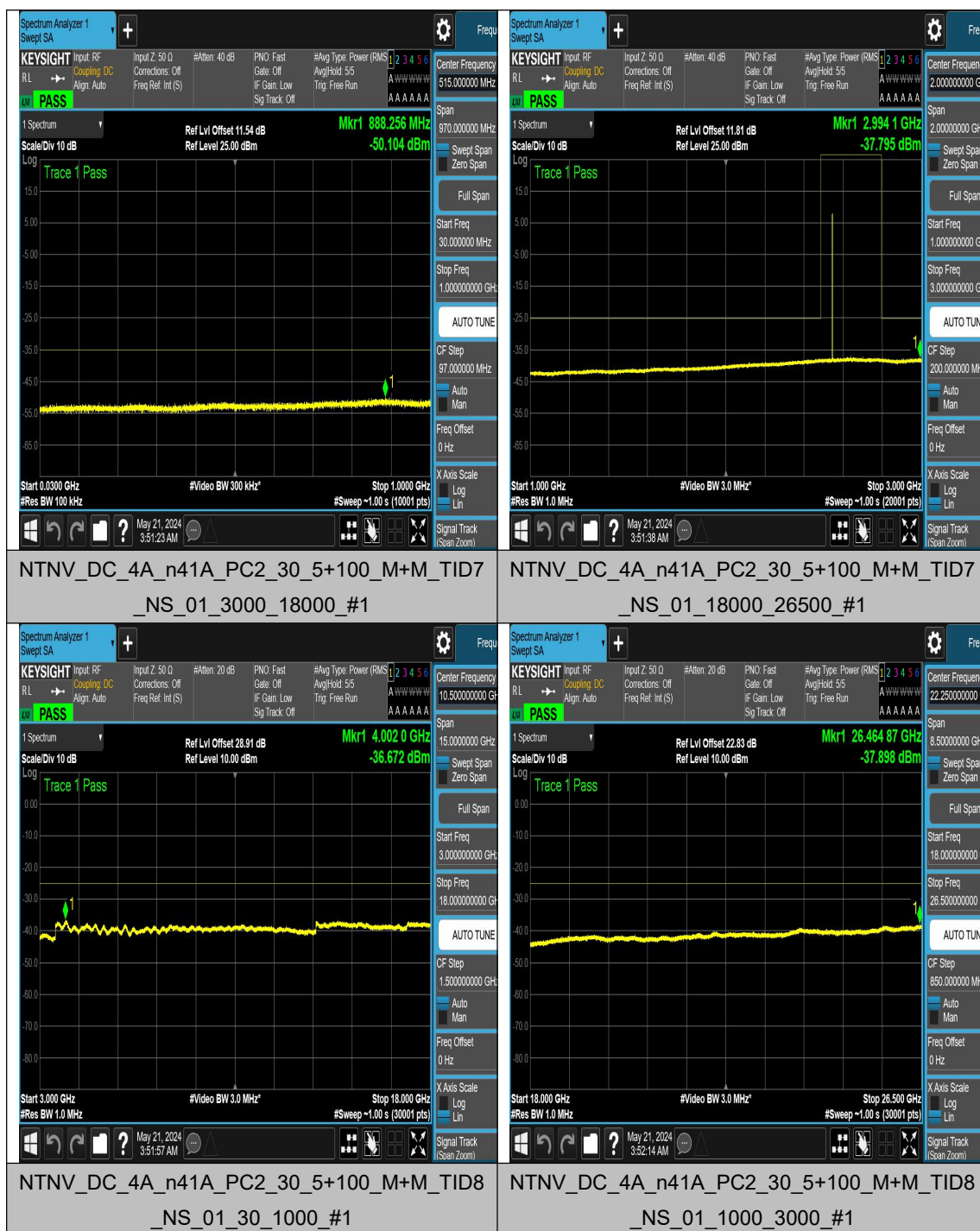
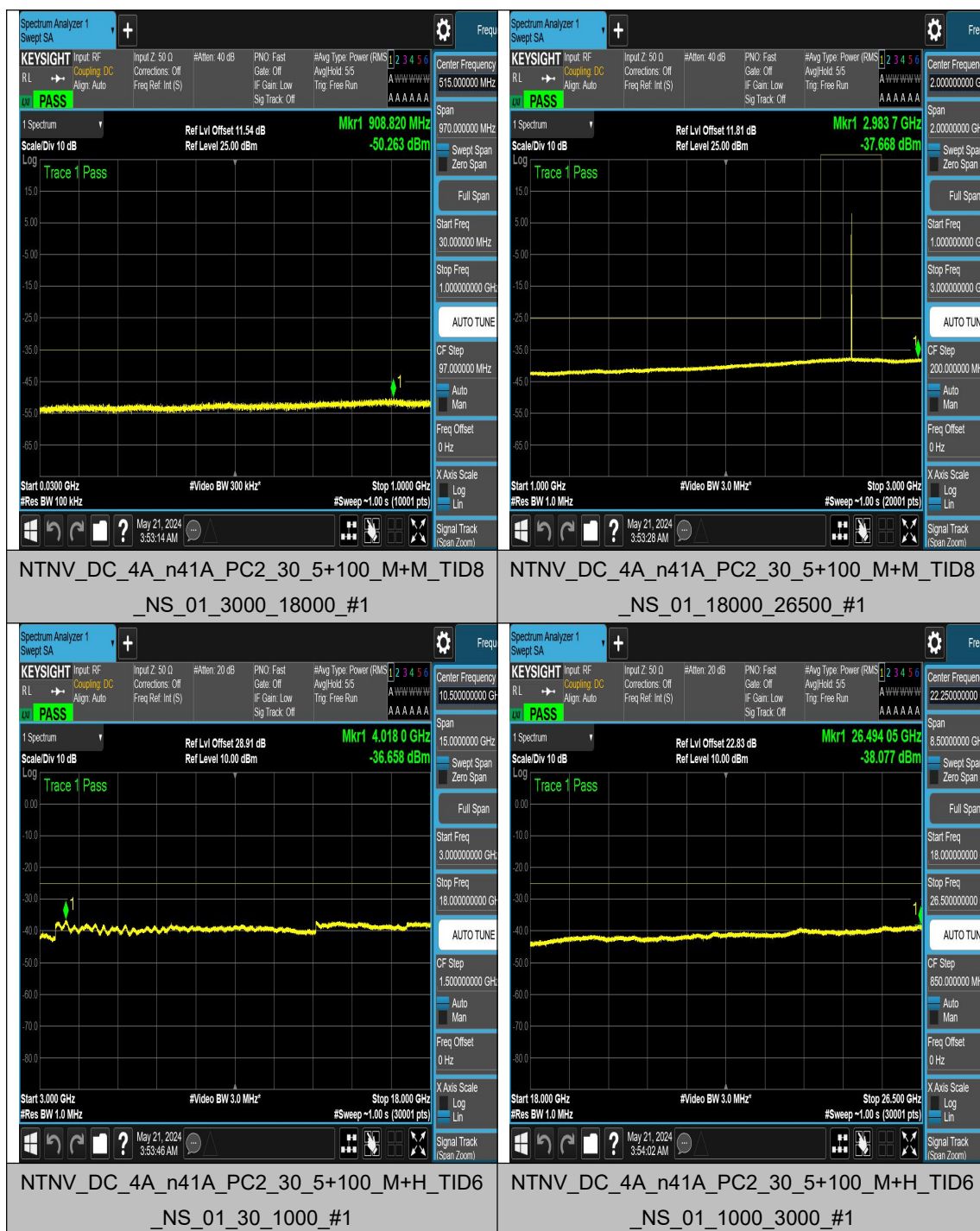
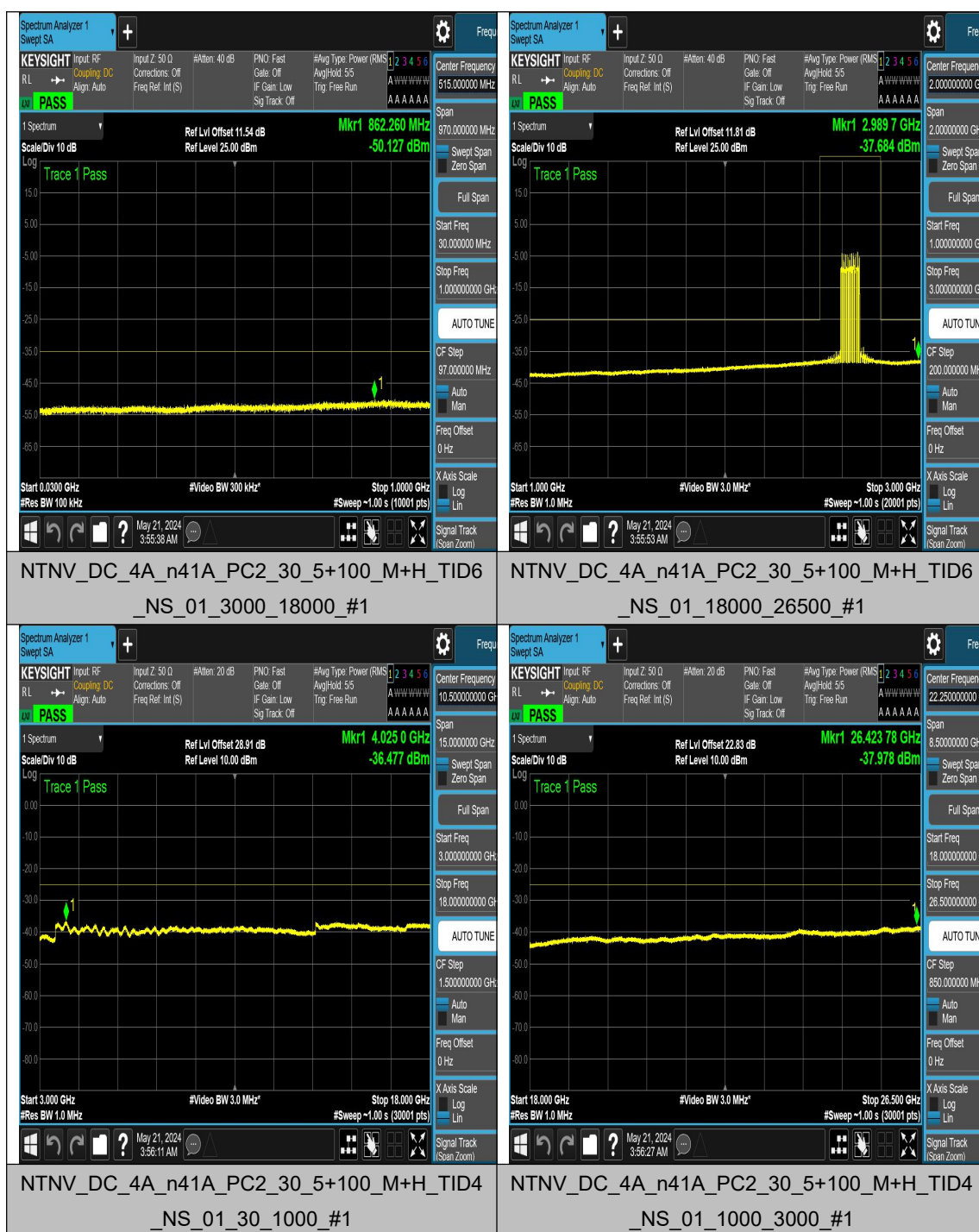
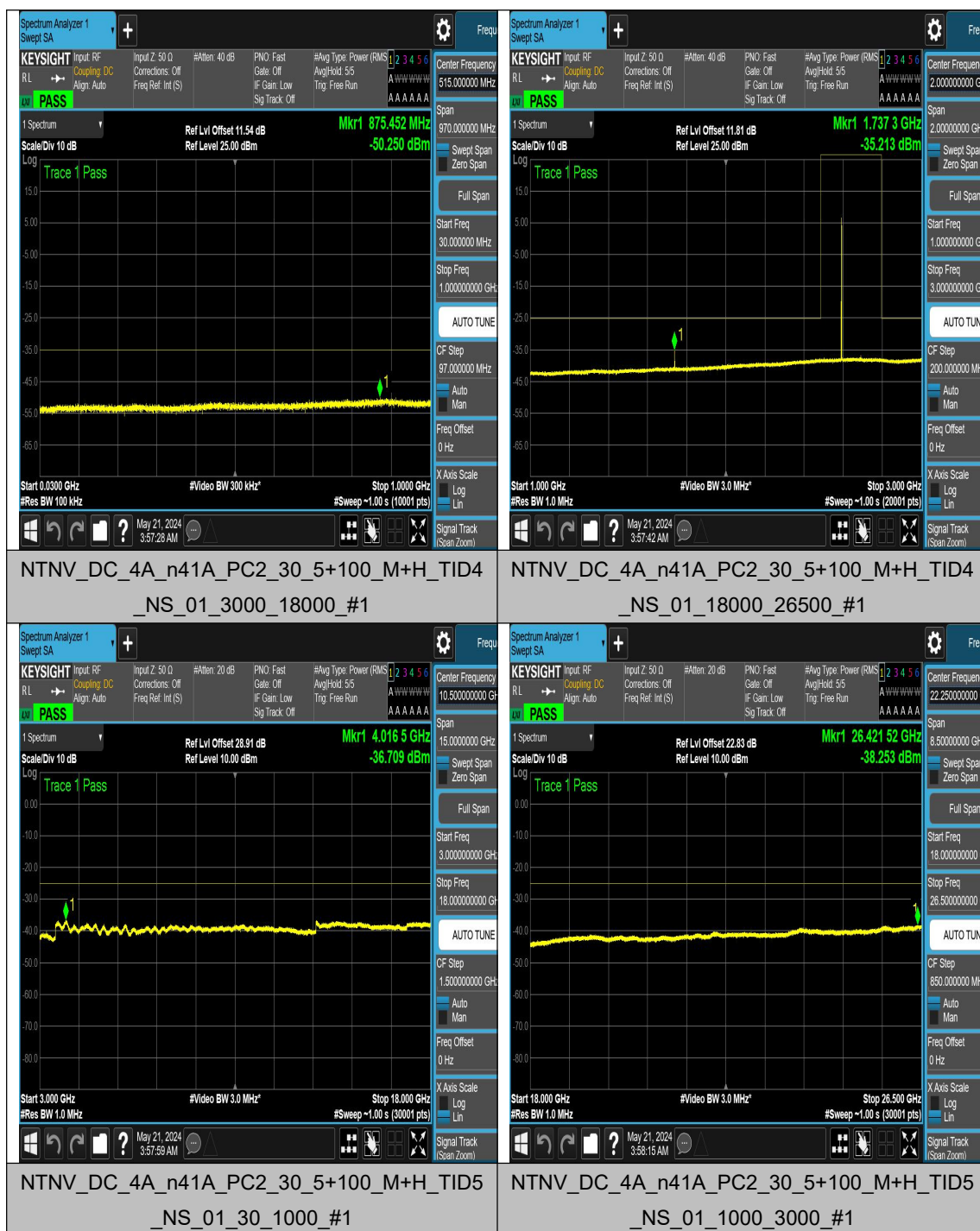


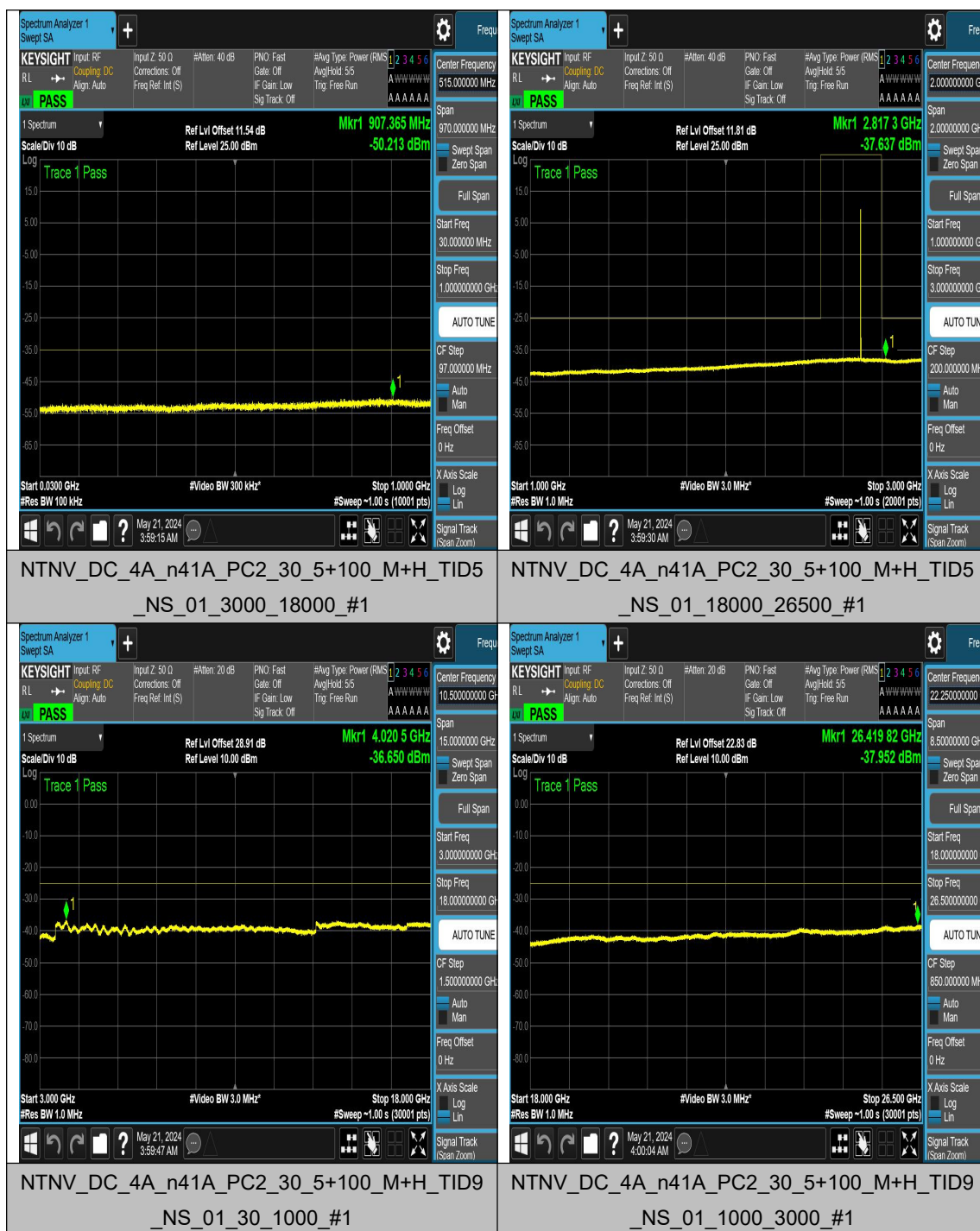


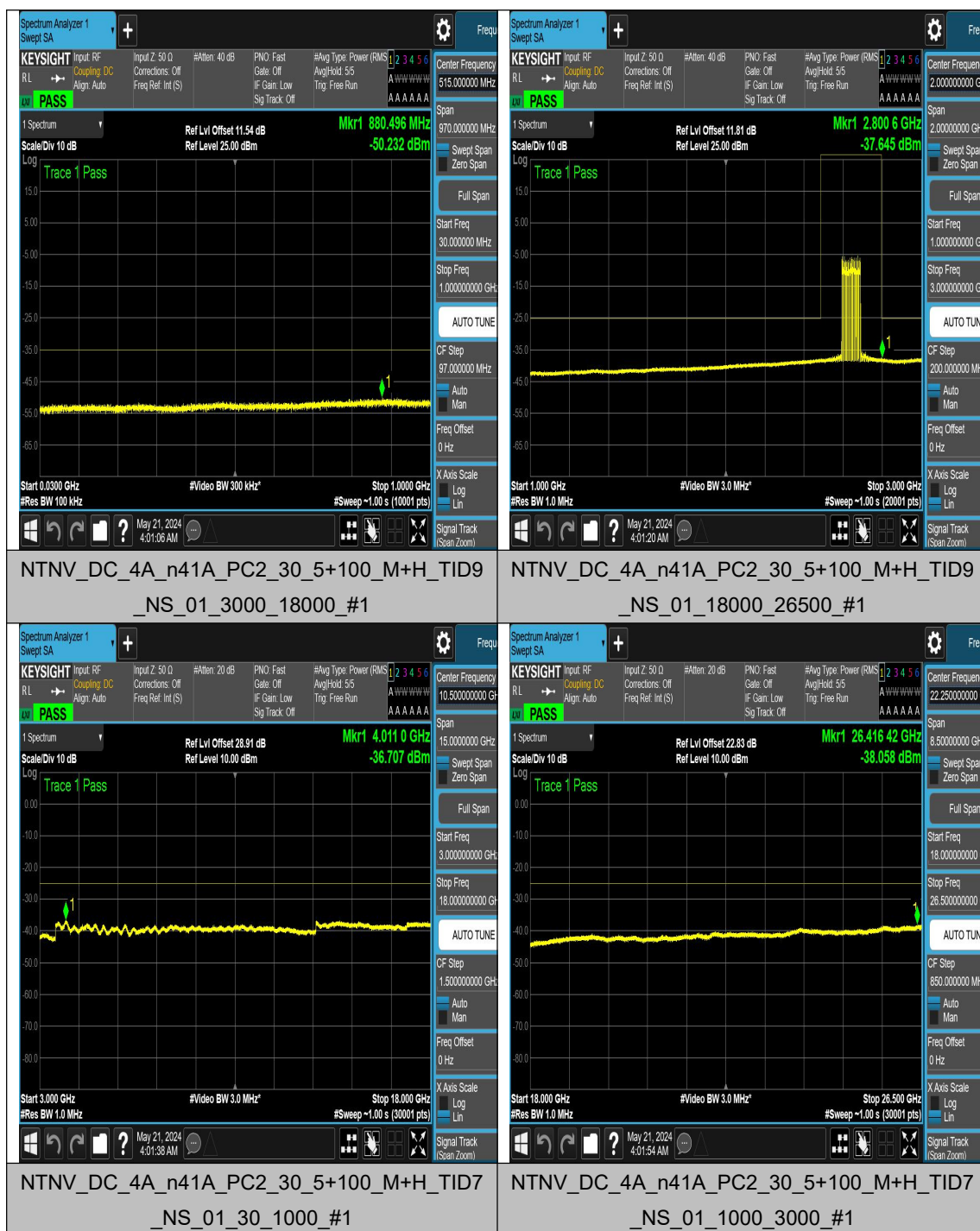


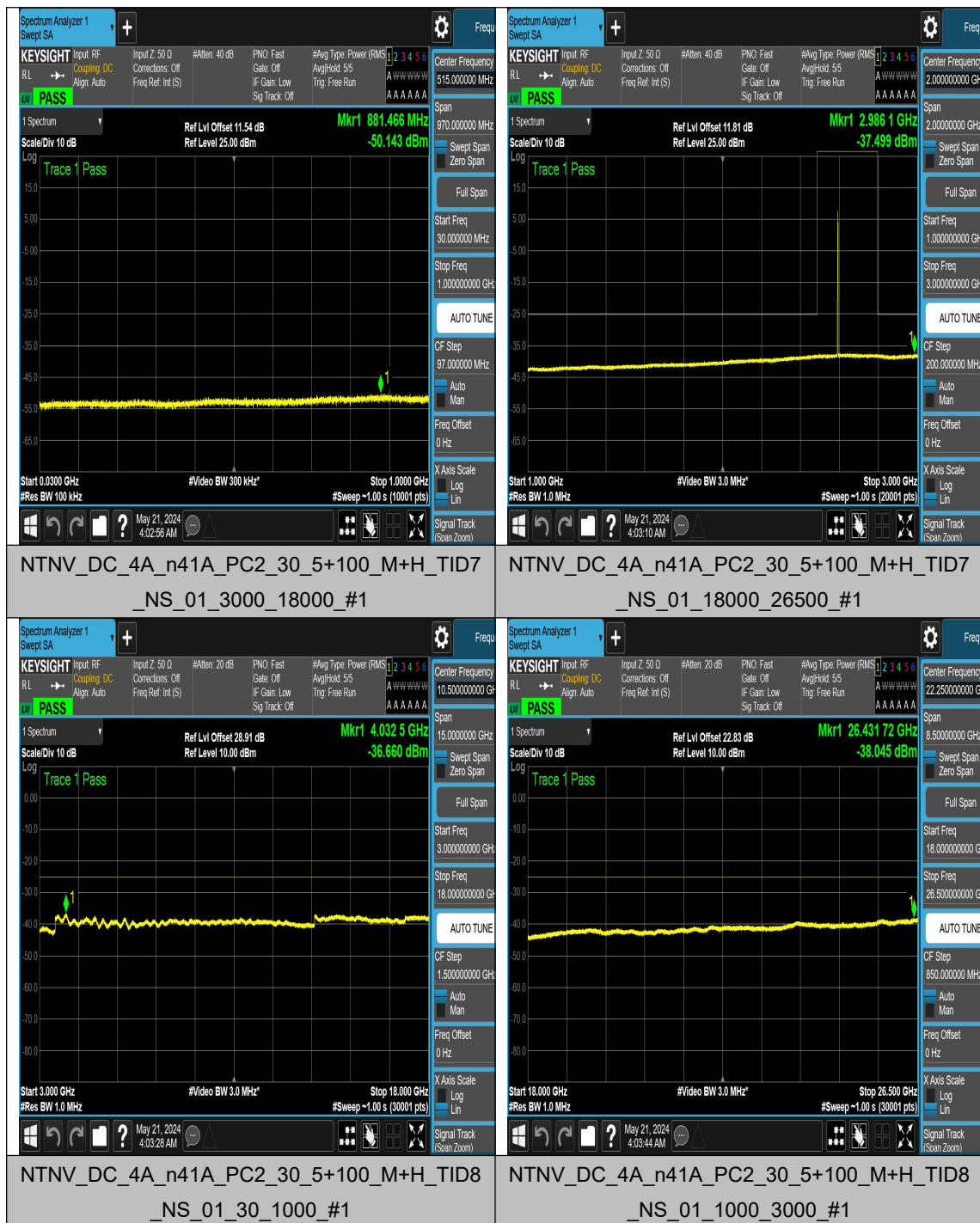














Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.77	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.70	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.73	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.76	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	1.05	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	0.29	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.56	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.65	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.19	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	0.62	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.58	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.43	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	1.41	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.92	0.00	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	0.53	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.69	0.00	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.47	0.00	PASS

DC_4A_n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	1.62	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.89	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.28	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.41	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.56	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.53	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-2.17	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.15	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-1.77	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.50	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.14	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.68	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.42	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.39	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	2.55	0.00	PASS
DC_4A_n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.26	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.92	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.43	0.00	PASS
DC_4A_n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	0.81	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	3.17	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	1.79	0.00	PASS

DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.91	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.66	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.19	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.75	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-5.69	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.78	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.77	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.13	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.07	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.26	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.37	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.90	0.00	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.37	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.68	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.44	0.00	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.16	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.26	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-5.00	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.78	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.23	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.08	0.00	PASS

DC_4A_n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.29	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	3.24	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	1.99	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.20	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.07	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.32	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.36	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.72	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.51	0.00	PASS
DC_4A_n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.36	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	3.81	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	4.04	0.00	PASS
DC_4A_n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	2.56	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.62	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	0.71	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.63	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	0.69	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.30	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	0.19	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.11	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.93	0.00	PASS

DC_4A_n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.13	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	1.49	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.89	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.36	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.66	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.29	0.00	PASS
DC_4A_n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-0.75	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.23	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.22	0.00	PASS
DC_4A_n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.27	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.52	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.47	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.44	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.72	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	1.94	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	0.44	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.33	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.16	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.59	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.86	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.11	0.00	PASS

DC_4A_n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.18	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.16	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-4.47	0.00	PASS
DC_4A_n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	0.37	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	0.04	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.01	0.00	PASS
DC_4A_n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.81	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.49	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.68	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.92	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.69	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.65	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.20	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.33	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.02	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.29	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.23	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.43	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.64	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	2.68	0.00	PASS
DC_4A_n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	2.39	0.00	PASS

DC_4A_n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	3.97	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.17	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.62	0.00	PASS
DC_4A_n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.52	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.58	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.28	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	1.56	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.92	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	0.24	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.33	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.26	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.26	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.56	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.75	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.85	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.44	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	3.96	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	0.73	0.00	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	0.12	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	1.27	0.00	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	3.56	0.00	PASS

DC_4A_n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.56	0.00	PASS
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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.969498	-0.001987	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.760914	-0.001904	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.655074	-0.001461	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-0.564056	-0.000226	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-0.523087	-0.000209	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-0.224067	-0.000090	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-4.042658	-0.001616	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-0.165734	-0.000066	PASS
DC_4A_n41A	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-1.642241	-0.000657	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.318982	-0.000527	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.925061	-0.001170	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.471877	-0.000988	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-3.686994	-0.001474	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-3.640059	-0.001455	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-0.175083	-0.000070	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	0.339419	0.000136	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-1.300384	-0.000520	PASS
DC_4A_n41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-0.314439	-0.000126	PASS

n41A										
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.702713	-0.001814	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.960280	-0.000370	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.801343	-0.001466	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-6.512290	-0.002511	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-1.654876	-0.000638	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	1.829242	0.000705	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-2.874314	-0.001108	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-0.254410	-0.000098	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	0.965032	0.000372	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	0.902902	0.000348	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.204507	-0.000079	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.430527	-0.000937	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-0.677790	-0.000261	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	2.240541	0.000864	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-3.036534	-0.001171	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-1.254744	-0.000484	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	1.177091	0.000454	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	1.164257	0.000449	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	2.391888	0.000891	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	0.720134	0.000268	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	1.007345	0.000375	PASS

n41A										
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	0.575668	0.000214	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-0.490786	-0.000183	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	1.156515	0.000431	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	0.228924	0.000085	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	2.840494	0.001058	PASS
DC_4A_ n41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	0.003405	0.000001	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.995049	-0.000371	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-0.479254	-0.000178	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-1.319164	-0.000491	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-0.292130	-0.000109	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-0.603966	-0.000225	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	1.510962	0.000563	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	0.096416	0.000036	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-0.209700	-0.000078	PASS
DC_4A_ n41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-0.694446	-0.000259	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.280661	-0.001310	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.872073	-0.001147	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.846770	-0.001936	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-4.066782	-0.001624	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-1.950924	-0.000779	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-1.721664	-0.000688	PASS

n41A										
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-3.905598	-0.001560	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-2.735384	-0.001093	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-3.615886	-0.001444	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.051279	-0.001219	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.242607	-0.001695	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.561259	-0.001822	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-2.949723	-0.001178	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-4.710345	-0.001882	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-3.837906	-0.001533	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-0.187315	-0.000075	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-1.333890	-0.000533	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-1.723338	-0.000688	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.764960	-0.002223	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.981520	-0.001150	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.008462	-0.000775	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	-2.546529	-0.000982	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-3.725162	-0.001437	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-3.300260	-0.001273	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-2.267638	-0.000875	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-3.034037	-0.001170	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	-4.149021	-0.001600	PASS

n41A										
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-2.206399	-0.000851	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.741973	-0.001057	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.394485	-0.000923	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-2.090257	-0.000806	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-3.354301	-0.001294	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-2.313568	-0.000892	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-1.164004	-0.000449	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-4.926115	-0.001900	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-2.605810	-0.001005	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-0.283812	-0.000106	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	2.027777	0.000756	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	1.534469	0.000572	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	0.752215	0.000280	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-1.010573	-0.000377	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	1.477767	0.000551	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	0.065396	0.000024	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-0.096504	-0.000036	PASS
DC_4A_ n41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	1.332611	0.000497	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.796314	-0.000297	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.534039	-0.000572	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.997154	-0.000372	PASS

n41A										
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	0.234688	0.000087	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-2.556042	-0.000953	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	1.645382	0.000613	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	0.871656	0.000325	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-1.244644	-0.000464	PASS
DC_4A_ n41A	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-0.866106	-0.000323	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.350907	-0.000140	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	0.805015	0.000321	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	4.007751	0.001599	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	0.859358	0.000343	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-0.281894	-0.000112	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	0.445105	0.000178	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	1.848393	0.000738	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	1.833515	0.000732	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	2.123732	0.000847	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	0.171068	0.000068	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.293647	-0.000117	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.977215	-0.000390	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-0.355666	-0.000142	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-0.867344	-0.000346	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	1.634667	0.000652	PASS

n41A										
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	0.473324	0.000189	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	0.928517	0.000371	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-0.057220	-0.000023	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.566185	-0.000604	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.457087	-0.000948	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.915233	-0.000353	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-6.614110	-0.002551	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-1.690412	-0.000652	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	0.601017	0.000232	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-2.137126	-0.000824	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-2.900727	-0.001119	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-0.362681	-0.000140	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.615510	-0.000623	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.876792	-0.001881	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.490058	-0.001346	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-3.922817	-0.001513	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-2.508928	-0.000968	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-1.957348	-0.000755	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-1.134444	-0.000438	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	1.644994	0.000634	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	0.219704	0.000085	PASS

n41A										
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.949096	-0.001474	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.332315	-0.001243	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.584831	-0.001338	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-0.855756	-0.000319	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-4.308107	-0.001608	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-2.746316	-0.001025	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-3.653288	-0.001363	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-1.777497	-0.000663	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-1.919884	-0.000716	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.452257	-0.000915	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.105435	-0.002278	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.078496	-0.001522	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-5.362207	-0.002001	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	0.354610	0.000132	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-2.120992	-0.000791	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-3.403420	-0.001270	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-3.582381	-0.001337	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-2.812743	-0.001050	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.837277	-0.001130	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.030317	-0.000410	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.350510	-0.000538	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-3.762200	-0.001498	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-1.088583	-0.000434	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-2.853821	-0.001137	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-2.688739	-0.001071	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-2.297056	-0.000915	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-4.164035	-0.001658	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.560621	-0.000622	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.128483	-0.000449	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	0.559671	0.000223	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	0.383199	0.000153	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	0.622539	0.000248	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	0.581008	0.000231	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-2.144872	-0.000854	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	0.872728	0.000348	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	1.385500	0.000552	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	1.613577	0.000622	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	1.306032	0.000504	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	2.433647	0.000939	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-2.095674	-0.000808	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-3.577292	-0.001380	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-1.696661	-0.000654	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-2.072634	-0.000799	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-1.160491	-0.000448	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-0.797997	-0.000308	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.358880	-0.001681	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.999173	-0.000385	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.575485	-0.001379	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-2.808105	-0.001083	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-2.295557	-0.000885	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-1.597960	-0.000616	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-1.835554	-0.000708	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-1.843613	-0.000711	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-3.484024	-0.001344	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-0.138106	-0.000052	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.511638	-0.000191	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	0.479950	0.000179	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-1.137199	-0.000425	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-2.517972	-0.000941	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-4.123105	-0.001541	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	6.803936	0.002544	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	3.636951	0.001360	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	0.187489	0.000070	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	2.513558	0.000940	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	3.797198	0.001420	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	3.860592	0.001443	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	7.993128	0.002988	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	4.943810	0.001848	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	1.875848	0.000701	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	3.524503	0.001318	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	4.312190	0.001612	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	1.988504	0.000743	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	1.261204	0.000501	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.986877	-0.000392	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.496448	-0.000197	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-2.030942	-0.000807	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-2.776459	-0.001104	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-1.249603	-0.000497	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-2.894721	-0.001151	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-0.062865	-0.000025	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-3.389972	-0.001347	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	2.852082	0.001134	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.166245	-0.000464	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.237224	-0.000094	PASS

n41A										
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	0.859802	0.000342	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-1.673538	-0.000665	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-1.588103	-0.000631	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	0.827086	0.000329	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-1.486858	-0.000591	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	0.613673	0.000244	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	1.126572	0.000434	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	2.517843	0.000971	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	3.091804	0.001192	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-0.246471	-0.000095	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	1.948385	0.000751	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	2.434508	0.000939	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-0.070407	-0.000027	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-2.066849	-0.000797	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	1.060730	0.000409	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	2.277211	0.000878	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.507476	-0.000581	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.407151	-0.001314	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	2.160438	0.000833	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	1.593736	0.000615	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-0.787988	-0.000304	PASS

n41A										
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	2.019834	0.000779	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-2.141949	-0.000826	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-0.692546	-0.000267	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	0.150324	0.000056	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.400362	-0.001274	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.093365	-0.001533	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-1.272093	-0.000476	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-3.453263	-0.001293	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-1.798049	-0.000673	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-3.944405	-0.001477	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	0.442392	0.000166	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-1.403752	-0.000526	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.354017	-0.000882	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	0.030704	0.000011	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.490624	-0.000933	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-2.028303	-0.000760	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-0.145895	-0.000055	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-0.830175	-0.000311	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-3.902321	-0.001462	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-2.266105	-0.000849	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-4.129094	-0.001546	PASS

n41A										
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.558250	-0.001013	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.913216	-0.000757	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.841858	-0.001125	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-3.097693	-0.001226	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-4.610328	-0.001825	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-1.327016	-0.000525	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-0.774526	-0.000307	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-1.451280	-0.000575	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-3.737632	-0.001480	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	2.055964	0.000814	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	0.192014	0.000076	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	2.211369	0.000875	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	1.422788	0.000563	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	1.572876	0.000623	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-1.503623	-0.000595	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	2.490091	0.000986	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	1.572539	0.000623	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-0.685340	-0.000271	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.686729	-0.000650	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.148293	-0.000057	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.959384	-0.000756	PASS

n41A										
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	1.385518	0.000534	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-1.905770	-0.000735	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	0.570524	0.000220	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-1.645860	-0.000635	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	1.541075	0.000594	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	2.977179	0.001148	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	1.202149	0.000464	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.343571	-0.000132	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-0.322605	-0.000124	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-0.330748	-0.000128	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	0.007223	0.000003	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	1.103838	0.000426	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-1.209690	-0.000467	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-0.342907	-0.000132	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-0.669550	-0.000258	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.339592	-0.000880	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.057866	-0.001150	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.022631	-0.001136	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-3.240370	-0.001218	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-3.543313	-0.001332	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-1.950395	-0.000733	PASS

n41A										
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-2.378607	-0.000894	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-1.381662	-0.000519	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-3.463562	-0.001302	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.144891	-0.000806	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	0.807988	0.000304	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.930617	-0.000350	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-1.651461	-0.000621	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-3.043281	-0.001144	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	0.972885	0.000366	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	0.379642	0.000143	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-0.907663	-0.000341	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-4.197424	-0.001578	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	1.470629	0.000580	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.458677	-0.000181	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	1.347821	0.000531	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	2.071929	0.000817	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	0.769071	0.000303	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	1.301653	0.000513	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-0.592687	-0.000234	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	1.655307	0.000653	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-0.246880	-0.000097	PASS

n41A										
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	2.060261	0.000812	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	1.065261	0.000420	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.792169	-0.000312	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	0.018571	0.000007	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	1.520385	0.000600	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-0.143756	-0.000057	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	0.378341	0.000149	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-0.777854	-0.000307	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	1.310978	0.000517	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.980263	-0.001921	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.684565	-0.001035	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.735817	-0.000669	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-1.836672	-0.000708	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-2.922212	-0.001127	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-2.402341	-0.000926	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-3.420780	-0.001319	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-1.375338	-0.000530	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-0.521926	-0.000201	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.086907	-0.001190	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.064547	-0.000025	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.566543	-0.001375	PASS

n41A										
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-3.596546	-0.001387	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	0.155635	0.000060	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-2.520463	-0.000972	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-0.798859	-0.000308	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-4.091188	-0.001578	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-1.931962	-0.000745	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	6.361433	0.002401	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	2.671147	0.001008	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	5.411759	0.002042	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	2.340955	0.000883	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	3.646439	0.001376	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	2.197899	0.000829	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	5.000785	0.001887	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	3.485324	0.001315	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	3.215473	0.001213	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.761040	-0.001042	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.151133	-0.001189	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.434558	-0.000164	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-0.484947	-0.000183	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-3.847314	-0.001452	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-1.554119	-0.000586	PASS

n41A										
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-2.738899	-0.001034	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-3.724087	-0.001405	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-4.012344	-0.001514	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.281257	-0.000110	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.089165	-0.000821	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	0.600551	0.000236	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-0.837795	-0.000329	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-0.214018	-0.000084	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-2.143553	-0.000842	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-3.583163	-0.001407	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	0.146425	0.000058	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	3.028829	0.001190	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-0.183319	-0.000072	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.620045	-0.000244	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.793783	-0.000312	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	2.357111	0.000926	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-4.022691	-0.001580	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	3.987190	0.001566	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	2.032200	0.000798	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	5.524487	0.002170	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	1.171816	0.000460	PASS

n41A										
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.816205	-0.001086	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.456269	-0.000947	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.058610	-0.000023	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-2.004682	-0.000773	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-3.542151	-0.001366	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-2.821306	-0.001088	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-3.309181	-0.001276	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-1.065652	-0.000411	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-4.959410	-0.001913	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-2.325848	-0.000897	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.935730	-0.001518	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.372533	-0.000915	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-1.887188	-0.000728	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-1.338247	-0.000516	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-3.658711	-0.001411	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-0.387244	-0.000149	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-1.928477	-0.000744	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-1.517601	-0.000585	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	2.487414	0.000942	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	0.456281	0.000173	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	1.281816	0.000486	PASS

n41A										
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-0.994879	-0.000377	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	1.742504	0.000660	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	3.063637	0.001160	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-2.471169	-0.000936	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	0.742230	0.000281	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	1.913491	0.000725	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	0.650073	0.000246	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	0.141058	0.000053	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.636097	-0.000241	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	2.933269	0.001111	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	2.205091	0.000835	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-1.114739	-0.000422	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	1.295840	0.000491	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	3.315669	0.001256	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	3.823436	0.001448	PASS