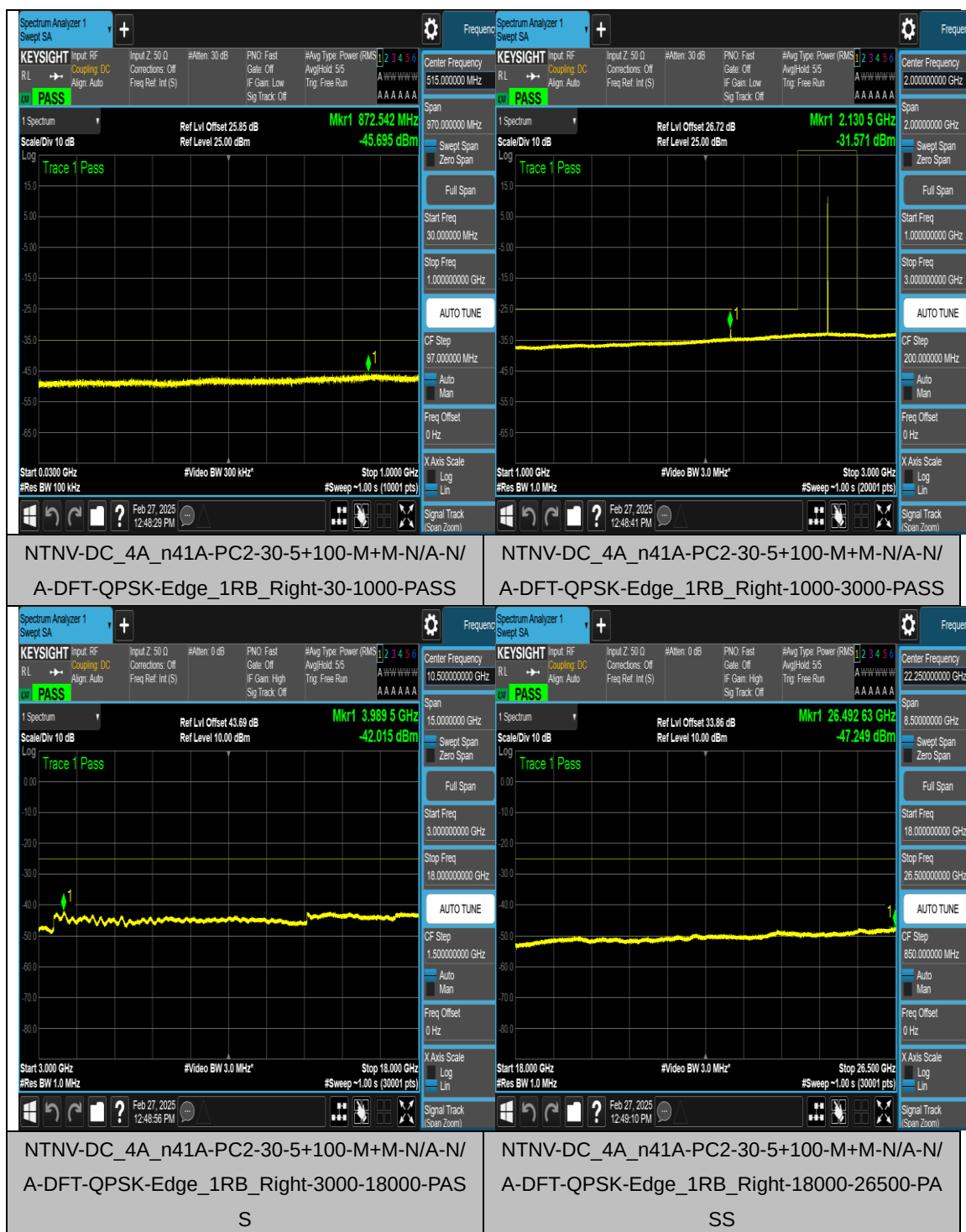


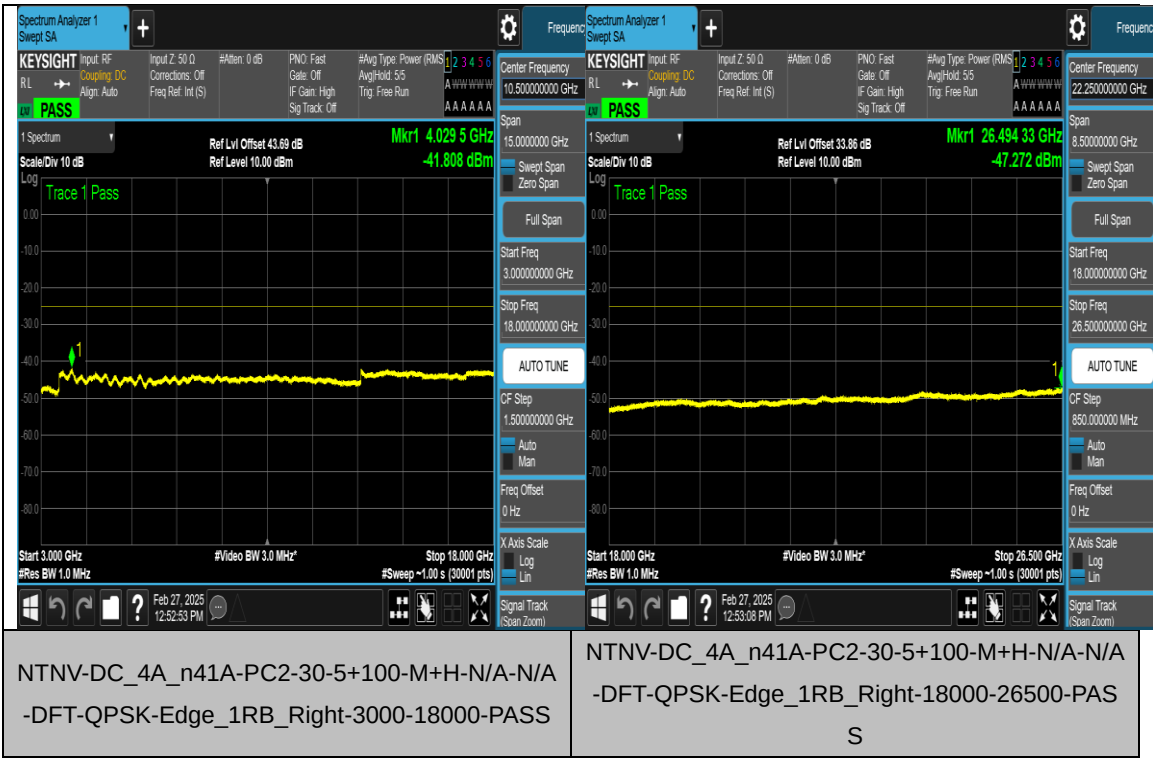












Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	2.180000	0.000870	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.680000	-0.000670	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	1.700000	0.000678	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	0.840000	0.000335	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	5.540000	0.002211	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	2.630000	0.001049	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	2.290000	0.000883	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	4.560000	0.001759	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	3.000000	0.001157	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.420000	-0.000933	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	4.130000	0.001593	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	0.080000	0.000031	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	2.820000	0.001052	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.760000	-0.001030	PASS
DC_4A_n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	2.400000	0.000896	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.970000	-0.000735	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.490000	-0.002422	PASS
DC_4A_n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.770000	-0.000660	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.880000	-0.002342	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.550000	-0.000617	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.940000	-0.000374	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.460000	-0.000581	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.850000	-0.001932	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	0.490000	0.000195	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.210000	-0.001238	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.900000	-0.001118	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.770000	-0.000683	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.060000	-0.000023	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.100000	-0.002738	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.060000	-0.000023	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	2.840000	0.001062	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-6.120000	-0.002288	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.560000	-0.000957	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	0.180000	0.000067	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	0.420000	0.000157	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.980000	-0.002609	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.150000	-0.002047	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	0.220000	0.000087	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	1.840000	0.000731	PASS

n41A										
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.230000	-0.002079	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	0.120000	0.000048	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.430000	-0.000568	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.370000	-0.000914	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.720000	-0.002977	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.250000	-0.001253	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	1.050000	0.000405	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.400000	-0.000926	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.540000	-0.001365	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.120000	-0.000419	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.180000	-0.000067	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.600000	-0.002097	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-9.290000	-0.003479	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	1.040000	0.000390	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.710000	-0.001390	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.490000	-0.000194	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-5.790000	-0.002297	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.990000	-0.000789	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	1.930000	0.000766	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.860000	-0.001134	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	3.560000	0.001412	PASS

n41A										
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.920000	-0.001512	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	0.560000	0.000216	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	0.490000	0.000189	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.670000	-0.000644	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.840000	-0.001481	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	0.660000	0.000255	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.019999	-0.001508	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.250000	-0.000094	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.790000	-0.000672	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.640000	-0.002867	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.080000	-0.001531	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	0.920000	0.000345	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.560000	-0.000222	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-8.720000	-0.003452	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.220000	-0.001275	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	0.220000	0.000087	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.900000	-0.001940	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	4.580000	0.001813	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.840000	-0.001095	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.610000	-0.001392	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.510000	-0.001739	PASS

n41A										
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.220000	-0.000470	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.390000	-0.000150	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.980000	-0.002692	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.580000	-0.000970	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.440000	-0.000917	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.250000	-0.001974	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.960000	-0.000361	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.490000	-0.004320	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.840000	-0.000692	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.190000	-0.000075	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.550000	-0.000612	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	VH	NT	0.360000	0.000142	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	0.220000	0.000087	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.230000	-0.000091	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.370000	-0.000146	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.180000	-0.001226	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.190000	-0.001616	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.700000	-0.002198	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.930000	-0.000359	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.620000	-0.001010	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.690000	-0.000652	PASS

n41A										
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	VL	NT	-5.890000	-0.002218	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.300000	-0.000113	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	VH	NT	2.310000	0.000870	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.140000	-0.000053	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.680000	-0.000633	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.890000	-0.000712	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.220000	-0.000481	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.260000	-0.000497	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.840000	-0.001120	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.200000	-0.000079	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	3.000000	0.001183	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.110000	-0.000043	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.960000	-0.000756	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.160000	-0.001219	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.320000	-0.001280	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	1.390000	0.000536	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.970000	-0.000760	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.710000	-0.001045	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.160000	-0.001570	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.720000	-0.001404	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.359999	-0.003155	PASS

n41A										
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.720000	-0.001781	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.280000	-0.000483	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.080000	-0.001917	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.860000	-0.001913	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.660000	-0.001440	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	1.720000	0.000677	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.750000	-0.000689	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.000000	-0.001968	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.660000	-0.002227	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.490000	-0.001346	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.350000	-0.002835	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.610000	-0.001392	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.040000	-0.000787	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.630000	-0.001786	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.780000	-0.001072	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.610000	-0.001365	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.770000	-0.002181	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.600000	-0.002117	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.190000	-0.000828	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.840000	-0.001074	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-10.430000	-0.003943	PASS

n41A										
DC_4A_n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	0.210000	0.000082	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.290000	-0.000506	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.230000	-0.000876	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.340000	-0.000134	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.600000	-0.001021	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	0.290000	0.000114	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.140000	-0.000440	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.230000	-0.000089	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.680000	-0.000648	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.380000	-0.000147	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.950000	-0.002295	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-5.750000	-0.002218	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	2.290000	0.000867	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.910000	-0.000723	PASS
DC_4A_n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-4.940000	-0.001871	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.740000	-0.000280	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.000000	-0.000758	PASS
DC_4A_n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.210000	-0.000080	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_4A_n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	0.650000	0.000259	PASS

n41A										
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	4.550000	0.001816	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	2.740000	0.001093	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	2.480000	0.000990	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	2.610000	0.001041	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	1.740000	0.000694	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	0.150000	0.000060	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	4.580000	0.001828	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	3.910000	0.001560	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	5.540000	0.002211	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	3.290000	0.001313	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	3.080000	0.001229	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	3.000000	0.001197	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	5.730000	0.002286	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	1.310000	0.000523	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	2.069999	0.000826	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-0.980000	-0.000391	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	7.000000	0.002793	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.210000	-0.000852	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	2.610000	0.001007	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	0.380000	0.000147	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-0.840000	-0.000324	PASS

n41A										
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	2.620000	0.001010	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	1.270000	0.000490	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	5.040000	0.001944	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	1.740000	0.000671	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	0.850000	0.000328	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	2.300000	0.000887	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.880000	-0.000725	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.340000	-0.000902	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-2.310000	-0.000891	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	0.150000	0.000058	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-0.070000	-0.000027	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	3.380000	0.001304	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-0.080000	-0.000031	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	2.490000	0.000960	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.390000	-0.002384	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	0.270000	0.000101	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.160000	-0.000060	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-4.570000	-0.001705	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-4.820000	-0.001799	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-7.280000	-0.002716	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	0.220000	0.000082	PASS

n41A										
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-0.250000	-0.000093	PASS
DC_4A_ n41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-2.820000	-0.001052	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.810000	-0.000302	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	1.660000	0.000619	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.440000	-0.000910	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-1.720000	-0.000642	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-1.420000	-0.000530	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-5.820000	-0.002172	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-2.980000	-0.001112	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-0.380000	-0.000142	PASS
DC_4A_ n41A	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	0.610000	0.000228	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.320000	-0.000526	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.300000	-0.000119	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.310000	-0.001318	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-1.740000	-0.000693	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-3.470000	-0.001382	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-4.860000	-0.001935	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-6.510000	-0.002593	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-0.920000	-0.000366	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-5.540000	-0.002206	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.350000	-0.001334	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.980000	-0.002780	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.150000	-0.001254	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-3.110000	-0.001239	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	2.890000	0.001151	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	1.090000	0.000434	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	2.250000	0.000896	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-6.730000	-0.002680	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-2.460000	-0.000980	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.330000	-0.001284	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.120000	-0.001203	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.720000	-0.001049	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-7.420000	-0.002862	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	1.490000	0.000575	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-6.490000	-0.002503	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-6.490000	-0.002503	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-2.670000	-0.001030	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-2.780000	-0.001072	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	0.010000	0.000004	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.580000	-0.001766	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.620000	-0.001396	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-6.740000	-0.002599	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-2.360000	-0.000910	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	0.160000	0.000062	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-1.580000	-0.000609	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-0.630000	-0.000243	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-0.600000	-0.000231	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-8.330000	-0.003114	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.740000	-0.000650	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-8.770000	-0.003279	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-5.530000	-0.002067	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-2.049999	-0.000766	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-2.770000	-0.001036	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-7.000000	-0.002617	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-4.610000	-0.001723	PASS
DC_4A_ n41A	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-6.230000	-0.002329	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.090000	-0.003024	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-9.050000	-0.003383	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.590000	-0.000968	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-7.660000	-0.002864	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-1.010000	-0.000378	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-1.930000	-0.000722	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-8.250000	-0.003084	PASS

n41A										
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-7.320000	-0.002736	PASS
DC_4A_ n41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-6.100000	-0.002280	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	0.240000	0.000095	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.139999	-0.001645	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	2.049999	0.000815	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-2.470000	-0.000982	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-0.310000	-0.000123	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-1.520000	-0.000604	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-3.990000	-0.001586	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	2.890000	0.001149	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-3.780000	-0.001502	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.580000	-0.002218	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.280000	-0.000906	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-1.450000	-0.000576	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	0.310000	0.000123	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	2.510000	0.000998	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	1.800000	0.000715	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-2.240000	-0.000890	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-5.270000	-0.002095	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-2.350000	-0.000934	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.800000	-0.001851	PASS

n41A										
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-8.530000	-0.003290	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.950000	-0.001523	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-5.170000	-0.001994	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-0.840000	-0.000324	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-5.180000	-0.001998	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-5.020000	-0.001936	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-4.810000	-0.001855	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-1.500000	-0.000578	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.180000	-0.001226	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.700000	-0.001813	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.110000	-0.001585	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-10.100000	-0.003895	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	0.100000	0.000039	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-4.920000	-0.001897	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-2.730000	-0.001053	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-0.400000	-0.000154	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-3.990000	-0.001539	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.680000	-0.001003	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.980000	-0.000367	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-8.990000	-0.003367	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-0.250000	-0.000094	PASS

n41A										
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	1.900000	0.000712	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-7.760000	-0.002906	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	1.850000	0.000693	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-4.360000	-0.001633	PASS
DC_4A_ n41A	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-3.590000	-0.001345	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.820000	-0.001431	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.760000	-0.002157	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-1.400000	-0.000524	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-2.760000	-0.001034	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	2.080000	0.000779	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-3.350000	-0.001255	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-1.580000	-0.000592	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	1.580000	0.000592	PASS
DC_4A_ n41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	0.640000	0.000240	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.390000	-0.000155	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.570000	-0.000226	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	6.520000	0.002586	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	4.010000	0.001591	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-5.640000	-0.002237	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	4.099999	0.001626	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	0.880000	0.000349	PASS

n41A										
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	1.420000	0.000563	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	-0.820000	-0.000325	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.360000	-0.000539	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.530000	-0.000607	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	0.420000	0.000167	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-4.840000	-0.001920	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-0.380000	-0.000151	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-4.940000	-0.001960	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-0.550000	-0.000218	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-1.770000	-0.000702	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-3.670000	-0.001456	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.970000	-0.001917	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.290000	-0.000883	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	1.880000	0.000725	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-2.520000	-0.000972	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	-0.100000	-0.000039	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-1.180000	-0.000455	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-3.050000	-0.001176	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	0.770000	0.000297	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-3.430000	-0.001323	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.970000	-0.000760	PASS

n41A										
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-7.960000	-0.003070	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	0.020000	0.000008	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-3.620000	-0.001396	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-5.740000	-0.002214	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-7.010000	-0.002703	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-3.200000	-0.001234	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-2.240000	-0.000864	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-6.090000	-0.002349	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-7.790000	-0.002923	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	0.250000	0.000094	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.150000	-0.001932	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-3.830000	-0.001437	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-5.520000	-0.002071	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-7.130000	-0.002675	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-1.340000	-0.000503	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-1.010000	-0.000379	PASS
DC_4A_ n41A	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	1.710000	0.000642	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	0.040000	0.000015	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-0.920000	-0.000345	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.190000	-0.001947	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-6.140000	-0.002304	PASS

n41A										
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	0.250000	0.000094	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	1.810000	0.000679	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-5.240000	-0.001965	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-3.730000	-0.001400	PASS
DC_4A_ n41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-2.760000	-0.001036	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-6.190000	-0.002451	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.220000	-0.002067	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.340000	-0.000135	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-4.910000	-0.001944	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-6.350000	-0.002514	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	0.010000	0.000004	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-1.590000	-0.000629	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-0.070000	-0.000028	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-2.190000	-0.000867	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.350000	-0.002118	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	0.500000	0.000198	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.440000	-0.001758	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-2.450000	-0.000970	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-3.890000	-0.001540	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-1.950000	-0.000772	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-1.380000	-0.000546	PASS

n41A										
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-3.000000	-0.001188	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-2.190000	-0.000867	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	1.540000	0.000594	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-5.250000	-0.002025	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.170000	-0.001994	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	0.330000	0.000127	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-2.850000	-0.001099	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-4.280000	-0.001651	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-4.050000	-0.001562	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-7.710000	-0.002973	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-2.430000	-0.000937	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.230000	-0.002017	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.810000	-0.000312	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.350000	-0.000906	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-5.460000	-0.002106	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-1.160000	-0.000447	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	2.470000	0.000953	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-0.530000	-0.000204	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-5.700000	-0.002198	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-6.060000	-0.002337	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	1.770000	0.000665	PASS

n41A										
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-5.240000	-0.001970	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.070000	-0.002282	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-2.940000	-0.001105	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-6.640000	-0.002496	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-3.100000	-0.001165	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-4.030000	-0.001515	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-8.560000	-0.003218	PASS
DC_4A_ n41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-6.340000	-0.002383	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.810000	-0.002184	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.390000	-0.000523	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.650000	-0.002124	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-2.980000	-0.001120	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-3.780000	-0.001421	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-1.670000	-0.000628	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-2.750000	-0.001034	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-2.840000	-0.001068	PASS
DC_4A_ n41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-1.360000	-0.000510	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.230000	-0.000486	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.830000	-0.000723	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.470000	-0.000581	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	0	-3.490000	-0.001379	PASS

n41A										
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	10	1.400000	0.000553	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	20	6.360000	0.002513	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	30	-0.400000	-0.000158	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	40	-5.530000	-0.002185	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	50	1.190000	0.000470	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.820000	-0.001114	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-20	1.540000	0.000608	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.980000	-0.002363	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	0	0.020000	0.000008	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	10	-0.800000	-0.000316	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	20	-10.020000	-0.003959	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	30	-0.750000	-0.000296	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	40	-2.190000	-0.000865	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	50	-3.320000	-0.001312	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.360000	-0.000910	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.880000	-0.001496	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.360000	-0.000910	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	0	-3.790000	-0.001462	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	10	-2.690000	-0.001037	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	20	-8.430000	-0.003251	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	30	-0.430000	-0.000166	PASS

n41A										
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	40	-0.510000	-0.000197	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	50	-5.580000	-0.002152	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.560000	-0.001373	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-20	-6.030000	-0.002326	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.420000	-0.000548	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	0	-0.660000	-0.000255	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	10	-1.860000	-0.000717	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	20	0.610000	0.000235	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	30	-0.560000	-0.000216	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	40	0.000000	0.000000	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	50	-3.350000	-0.001292	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.560000	-0.001341	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.460000	-0.000173	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.360000	-0.001642	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	0	-0.180000	-0.000068	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	10	1.990000	0.000750	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	20	-4.880000	-0.001838	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	30	-0.680000	-0.000256	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	40	-3.660000	-0.001379	PASS
DC_4A_ n41A	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	50	-1.320000	-0.000497	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-30	-1.440000	-0.000542	PASS

n41A										
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.270000	-0.001608	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-10	3.330000	0.001254	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	0	-0.560000	-0.000211	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	10	-4.120000	-0.001552	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	20	-1.900000	-0.000716	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	30	-2.930000	-0.001104	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	40	-0.320000	-0.000121	PASS
DC_4A_ n41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	50	0.190000	0.000072	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.930000	-0.000367	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.820000	-0.000323	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	0.300000	0.000118	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	0.460000	0.000181	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	0.930000	0.000367	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-0.520000	-0.000205	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	4.900000	0.001932	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-1.570000	-0.000619	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-1.850000	-0.000729	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	1.270000	0.000501	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	3.050000	0.001203	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	3.070000	0.001211	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	4.460000	0.001759	PASS

n41A										
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-1.050000	-0.000414	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	1.160000	0.000457	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	0.120000	0.000047	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	0.060000	0.000024	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	1.670000	0.000659	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.680000	-0.001805	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.100000	-0.000810	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.280000	-0.002422	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-2.020000	-0.000779	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-2.220000	-0.000856	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-2.400000	-0.000926	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-1.230000	-0.000474	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-4.690000	-0.001809	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-4.210000	-0.001624	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	0.070000	0.000027	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.830000	-0.002248	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.950000	-0.001138	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-2.700000	-0.001041	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-6.200000	-0.002391	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-3.510000	-0.001354	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-1.490000	-0.000575	PASS

n41A										
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-5.050000	-0.001948	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-0.960000	-0.000370	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-7.000000	-0.002642	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-4.670000	-0.001762	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-2.340000	-0.000883	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	0.600000	0.000226	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-4.970000	-0.001875	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-6.060000	-0.002287	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-5.860000	-0.002211	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-4.400000	-0.001660	PASS
DC_4A_ n41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	0.290000	0.000109	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.810000	-0.002192	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.070000	-0.001536	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.360000	-0.002777	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-1.790000	-0.000675	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-1.460000	-0.000551	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-2.850000	-0.001075	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-8.760000	-0.003306	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-2.630000	-0.000992	PASS
DC_4A_ n41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-1.240000	-0.000468	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-5.070000	-0.001994	PASS

n41A										
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.120000	-0.000047	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	1.440000	0.000567	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	0.900000	0.000354	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-3.790000	-0.001492	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-1.030000	-0.000405	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-1.270000	-0.000500	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-3.870000	-0.001523	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	3.190000	0.001255	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	-0.080000	-0.000031	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	1.040000	0.000409	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.650000	-0.001436	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-1.770000	-0.000697	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-3.040000	-0.001196	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-4.220000	-0.001661	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	3.280000	0.001291	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	-0.580000	-0.000228	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	0.400000	0.000157	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.110000	-0.002742	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.770000	-0.001068	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.070000	-0.001570	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-4.139999	-0.001597	PASS

n41A										
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	0.250000	0.000096	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	-4.610000	-0.001778	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-4.630000	-0.001786	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-5.870000	-0.002264	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	0.880000	0.000339	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.550000	-0.000598	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.200000	-0.001234	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-7.880000	-0.003039	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-9.380000	-0.003617	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-5.040000	-0.001944	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-1.190000	-0.000459	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-1.840000	-0.000710	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-0.060000	-0.000023	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	0.270000	0.000104	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.040000	-0.000393	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-10.800000	-0.004083	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.190000	-0.001206	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-2.049999	-0.000775	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-3.760000	-0.001422	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-4.430000	-0.001675	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	-7.030000	-0.002658	PASS

n41A										
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-3.970000	-0.001501	PASS
DC_4A_ n41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-3.490000	-0.001319	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-7.350000	-0.002779	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.170000	-0.001955	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.440000	-0.001679	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-7.760000	-0.002934	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-2.620000	-0.000990	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-2.170000	-0.000820	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	-2.740000	-0.001036	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-3.790000	-0.001433	PASS
DC_4A_ n41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-4.190000	-0.001584	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.490000	-0.000192	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	0.280000	0.000110	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.210000	-0.001261	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-2.480000	-0.000974	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-2.880000	-0.001131	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	0.140000	0.000055	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-3.400000	-0.001335	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-1.930000	-0.000758	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	1.820000	0.000715	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.320000	-0.000518	PASS

n41A										
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.070000	-0.000027	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.220000	-0.000872	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-2.880000	-0.001131	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	0.600000	0.000236	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-1.820000	-0.000715	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-3.260000	-0.001280	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-0.410000	-0.000161	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-7.730000	-0.003036	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-6.410000	-0.002472	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	2.020000	0.000779	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.630000	-0.001013	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-2.390000	-0.000922	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-1.960000	-0.000756	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-3.920000	-0.001512	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-2.009999	-0.000775	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-4.210000	-0.001624	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-1.980000	-0.000764	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-0.440000	-0.000170	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.800000	-0.002237	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.890000	-0.001886	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-2.600000	-0.001003	PASS

n41A										
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-3.610000	-0.001392	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-1.800000	-0.000694	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-3.870000	-0.001492	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-3.530000	-0.001361	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	1.170000	0.000451	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.190000	-0.000451	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.870000	-0.000330	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.550000	-0.002860	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	0.550000	0.000208	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-6.300000	-0.002386	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-1.930000	-0.000731	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-7.270000	-0.002754	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	2.630000	0.000995	PASS
DC_4A_ n41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-2.670000	-0.001011	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.060000	-0.000023	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.570000	-0.000595	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.410000	-0.002807	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-4.700000	-0.001780	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-6.430000	-0.002436	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-1.540000	-0.000583	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	-1.590000	-0.000602	PASS

n41A										
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	1.910000	0.000723	PASS
DC_4A_ n41A	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-1.860000	-0.000705	PASS