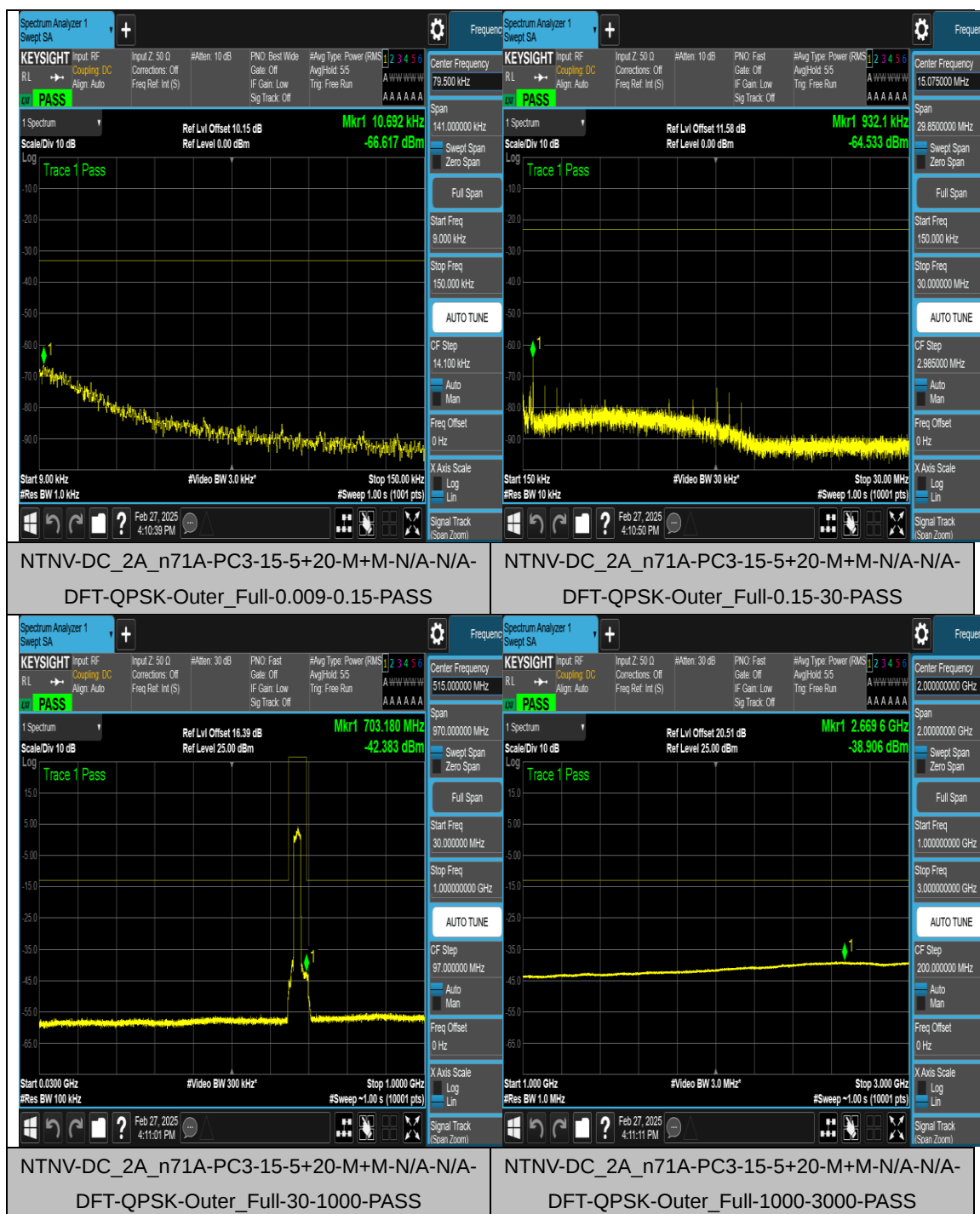


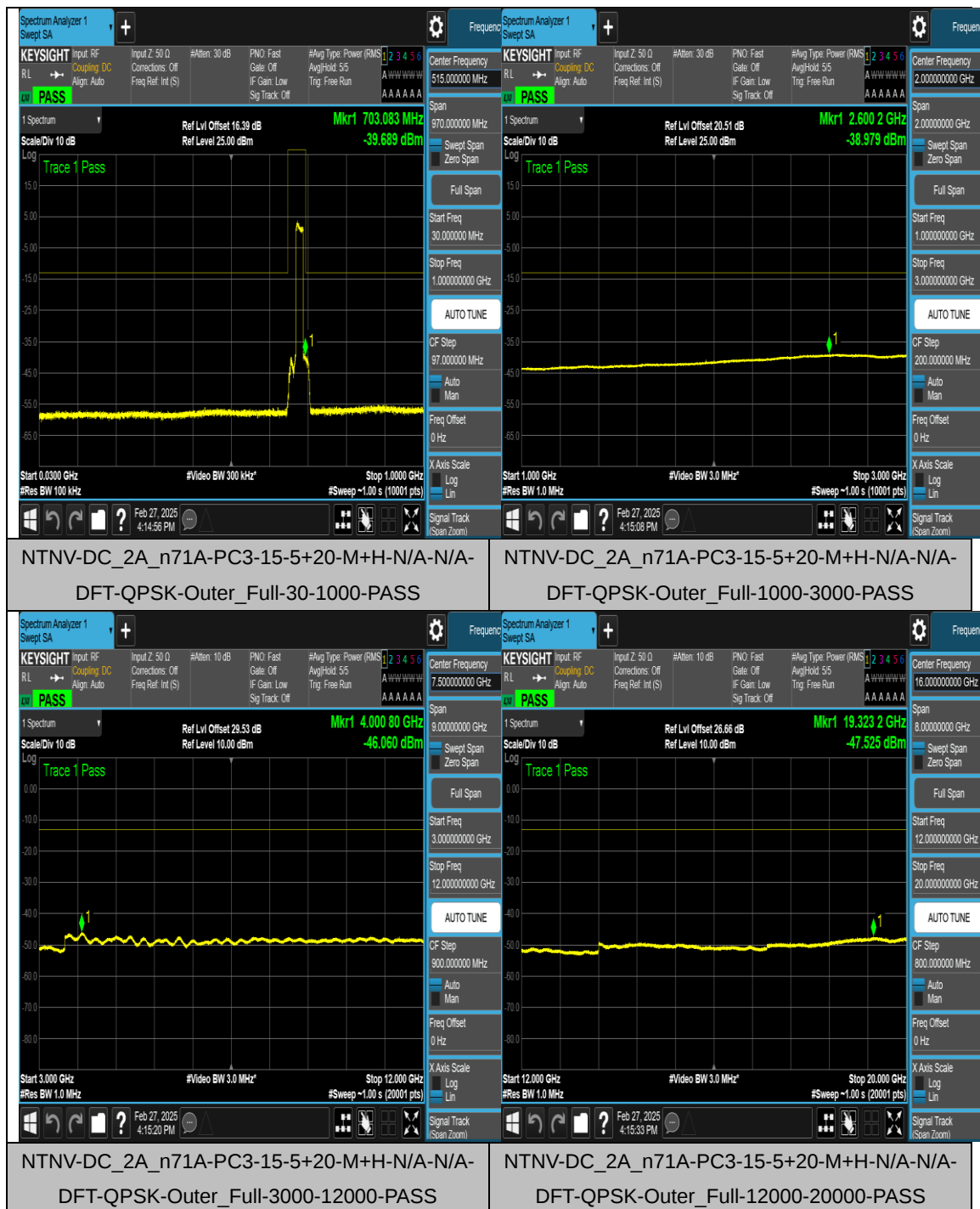


















Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.530000	-0.000796	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.050000	-0.000075	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.540000	-0.000811	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.950000	-0.001427	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.300000	-0.000451	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.930000	-0.001397	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.570000	-0.000838	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	-1.010000	-0.001484	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.600000	-0.000882	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.760000	-0.001117	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.310000	-0.000456	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.180000	-0.000265	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.980000	-0.001409	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.070000	-0.000101	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	0.010000	0.000014	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	0.160000	0.000230	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.150000	-0.001653	PASS
DC_2A_n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	0.480000	0.000690	PASS

n71A										
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.980000	-0.002964	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.530000	-0.003787	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.200000	-0.003293	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.870000	-0.002799	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.830000	-0.002740	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-2.310000	-0.003458	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.760000	-0.002586	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.310000	-0.003395	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.480000	-0.003644	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.580000	-0.003791	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.270000	-0.003336	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.660000	-0.002439	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.210000	-0.003189	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.680000	-0.002424	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.730000	-0.002496	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.470000	-0.002121	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.340000	-0.004820	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.280000	-0.003290	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.250000	-0.006339	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.620000	-0.006890	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.750000	-0.007084	PASS

n71A										
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.170000	-0.004728	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.770000	-0.007114	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.780000	-0.007129	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-4.010000	-0.005893	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.570000	-0.005246	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.950000	-0.005805	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.080000	-0.004526	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.380000	-0.006436	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.090000	-0.006010	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.810000	-0.005518	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-4.179999	-0.006054	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-4.490000	-0.006503	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.059999	-0.005880	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.050000	-0.005865	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.150000	-0.006010	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.420000	-0.008052	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-5.240000	-0.007786	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.670000	-0.008425	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.700000	-0.008470	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.120000	-0.007608	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.210000	-0.009227	PASS

n71A										
DC_2A_n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-5.620000	-0.008259	PASS
DC_2A_n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.860000	-0.008611	PASS
DC_2A_n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.680000	-0.008347	PASS
DC_2A_n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.470000	-0.008038	PASS
DC_2A_n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.340000	-0.007847	PASS
DC_2A_n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.140000	-0.009023	PASS
DC_2A_n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.950000	-0.007195	PASS
DC_2A_n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.700000	-0.008285	PASS
DC_2A_n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.240000	-0.009070	PASS
DC_2A_n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-5.540000	-0.008052	PASS
DC_2A_n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.010000	-0.008735	PASS
DC_2A_n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.530000	-0.008038	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.200000	-0.000301	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.440000	-0.000661	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.570000	-0.000856	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	0.450000	0.000676	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	-0.340000	-0.000510	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	-0.090000	-0.000135	PASS
DC_2A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	-0.620000	-0.000932	PASS

n71A										
DC_2A_ n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	-0.580000	-0.000872	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	-0.060000	-0.000090	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	0.010000	0.000015	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.490000	-0.000736	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.390000	-0.000586	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	-0.380000	-0.000571	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	0.290000	0.000436	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	-1.340000	-0.002014	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	-0.160000	-0.000240	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	-0.500000	-0.000751	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	-0.690000	-0.001037	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	-0.580000	-0.000852	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.160000	-0.000235	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	0.200000	0.000294	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	-0.460000	-0.000676	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	-0.540000	-0.000794	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	-0.320000	-0.000470	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	-0.890000	-0.001308	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	-0.900000	-0.001323	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	0.050000	0.000073	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	-0.270000	-0.000397	PASS

n71A										
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.150000	-0.000220	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	0.010000	0.000015	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	-1.090000	-0.001602	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	-0.630000	-0.000926	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	0.100000	0.000147	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	-1.030000	-0.001514	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	-0.470000	-0.000691	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	-0.100000	-0.000147	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	-0.910000	-0.001308	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.120000	-0.000173	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.490000	-0.000705	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	-0.460000	-0.000661	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	-0.240000	-0.000345	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	0.100000	0.000144	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	0.140000	0.000201	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	-1.230000	-0.001769	PASS
DC_2A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	-0.600000	-0.000863	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	-1.250000	-0.001797	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	0.100000	0.000144	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	0.160000	0.000230	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	-0.700000	-0.001006	PASS

n71A										
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	-0.150000	-0.000216	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	-0.390000	-0.000561	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	0.090000	0.000129	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	-0.660000	-0.000949	PASS
DC_2A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	-0.200000	-0.000288	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.560000	-0.003832	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.480000	-0.003713	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.660000	-0.002485	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-2.260000	-0.003383	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-2.220000	-0.003323	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-1.620000	-0.002425	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-1.580000	-0.002365	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-3.050000	-0.004566	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-1.460000	-0.002186	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.640000	-0.002455	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.370000	-0.003548	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-1.530000	-0.002290	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-2.350000	-0.003518	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-1.590000	-0.002380	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-1.670000	-0.002500	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-1.890000	-0.002829	PASS

n71A										
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-1.720000	-0.002575	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-1.920000	-0.002874	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.220000	-0.003262	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.150000	-0.003159	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.670000	-0.003924	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-2.590000	-0.003806	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-2.280000	-0.003350	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-2.310000	-0.003395	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-2.960000	-0.004350	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-2.530000	-0.003718	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-1.860000	-0.002733	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.260000	-0.004791	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.990000	-0.004394	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.009999	-0.002954	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-2.020000	-0.002968	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-2.020000	-0.002968	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-2.160000	-0.003174	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-2.430000	-0.003571	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-2.020000	-0.002968	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-1.320000	-0.001940	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.020000	-0.002915	PASS

n71A										
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.620000	-0.003781	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-2.330000	-0.003362	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-2.820000	-0.004068	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-2.250000	-0.003247	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-2.300000	-0.003319	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-2.230000	-0.003218	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-2.180000	-0.003146	PASS
DC_2A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-2.029999	-0.002929	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.180000	-0.003146	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.870000	-0.002698	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.360000	-0.003405	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-2.060000	-0.002973	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-2.240000	-0.003232	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-2.240000	-0.003232	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-2.540000	-0.003665	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-2.660000	-0.003838	PASS
DC_2A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-2.029999	-0.002929	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.179999	-0.006234	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.870000	-0.005772	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.260000	-0.006353	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-4.040000	-0.006025	PASS

n71A										
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-4.050000	-0.006040	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-3.730000	-0.005563	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-4.340000	-0.006473	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-4.340000	-0.006473	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-3.650000	-0.005444	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.810000	-0.005682	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.070000	-0.006070	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.260000	-0.006353	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-3.880000	-0.005787	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-4.190000	-0.006249	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-3.560000	-0.005309	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-3.660000	-0.005459	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-2.870000	-0.004280	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-4.190000	-0.006249	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.900000	-0.007201	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.950000	-0.005805	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.210000	-0.006187	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	-3.660000	-0.005378	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-3.800000	-0.005584	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-3.430000	-0.005040	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-4.340000	-0.006378	PASS

n71A										
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-4.099999	-0.006025	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	-3.920000	-0.005760	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.360000	-0.006407	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.760000	-0.006995	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.240000	-0.006231	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-4.160000	-0.006113	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-4.130000	-0.006069	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-2.980000	-0.004379	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-4.330000	-0.006363	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-4.590000	-0.006745	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-4.710000	-0.006921	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.660000	-0.005301	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-4.880000	-0.007067	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.550000	-0.005141	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-3.460000	-0.005011	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-4.570000	-0.006618	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-3.760000	-0.005445	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-4.120000	-0.005967	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-4.270000	-0.006184	PASS
DC_2A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-4.099999	-0.005938	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.170000	-0.006039	PASS

n71A										
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.960000	-0.005735	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.099999	-0.005938	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-3.840000	-0.005561	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-5.070000	-0.007343	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-3.790000	-0.005489	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-4.190000	-0.006068	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-4.900000	-0.007096	PASS
DC_2A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-3.810000	-0.005518	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-6.060000	-0.009004	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.860000	-0.008707	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.310000	-0.007889	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-5.780000	-0.008588	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-5.480000	-0.008142	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-5.580000	-0.008291	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-5.610000	-0.008336	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-5.800000	-0.008618	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-6.110000	-0.009079	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.750000	-0.008544	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.400000	-0.009510	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.190000	-0.007712	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-5.360000	-0.007964	PASS

n71A										
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-6.410000	-0.009525	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-5.720000	-0.008499	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-6.130000	-0.009108	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-5.980000	-0.008886	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-5.080000	-0.007548	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.880000	-0.008641	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-5.640000	-0.008288	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.050000	-0.007421	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-5.280000	-0.007759	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-5.850000	-0.008597	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-5.830000	-0.008567	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-5.650000	-0.008303	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-5.940000	-0.008729	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-5.710000	-0.008391	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.840000	-0.008582	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.240000	-0.007700	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.690000	-0.008361	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-5.570000	-0.008185	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-5.170000	-0.007597	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-4.990000	-0.007333	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-5.520000	-0.008111	PASS

n71A										
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-5.160000	-0.007583	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-5.320000	-0.007818	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-5.760000	-0.008372	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-4.800000	-0.006977	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.410000	-0.009317	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-5.560000	-0.008081	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-5.690000	-0.008270	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-5.710000	-0.008299	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-4.780000	-0.006948	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-5.140000	-0.007471	PASS
DC_2A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-5.380000	-0.007820	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.910000	-0.008590	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.810000	-0.008445	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.180000	-0.007529	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-6.030000	-0.008765	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-5.220000	-0.007587	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-6.790000	-0.009869	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-6.150000	-0.008939	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-5.440000	-0.007907	PASS
DC_2A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-5.770000	-0.008387	PASS

