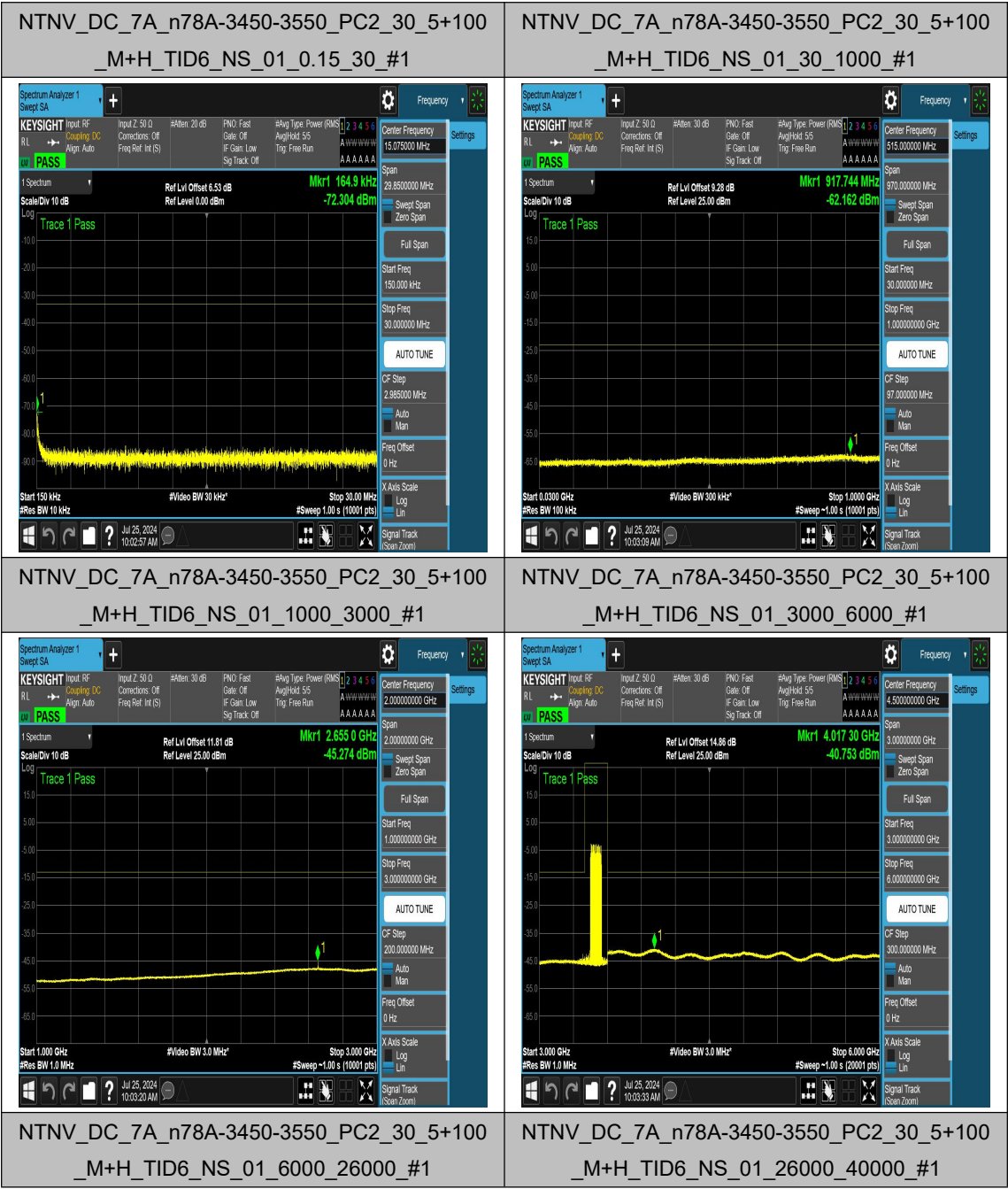
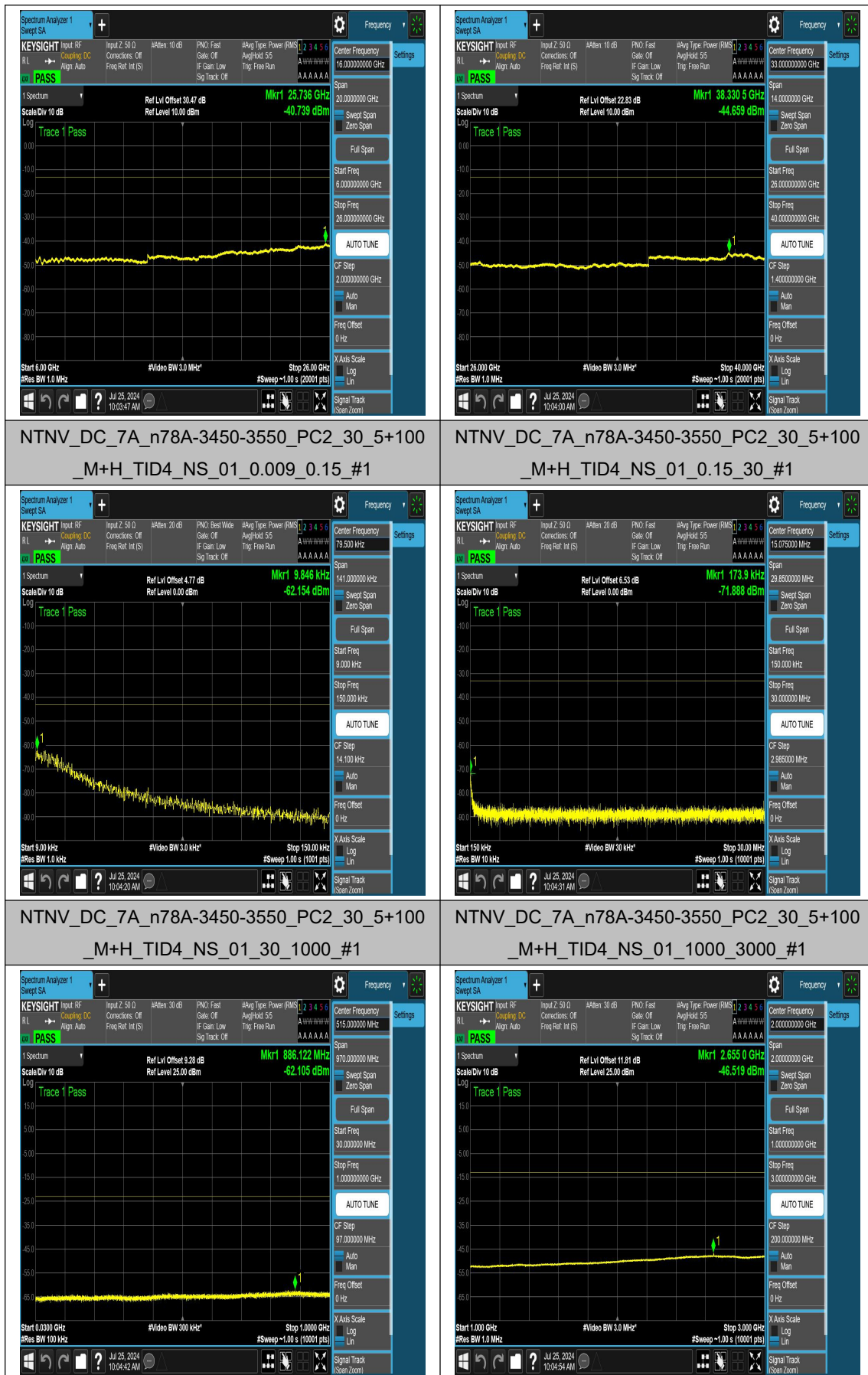
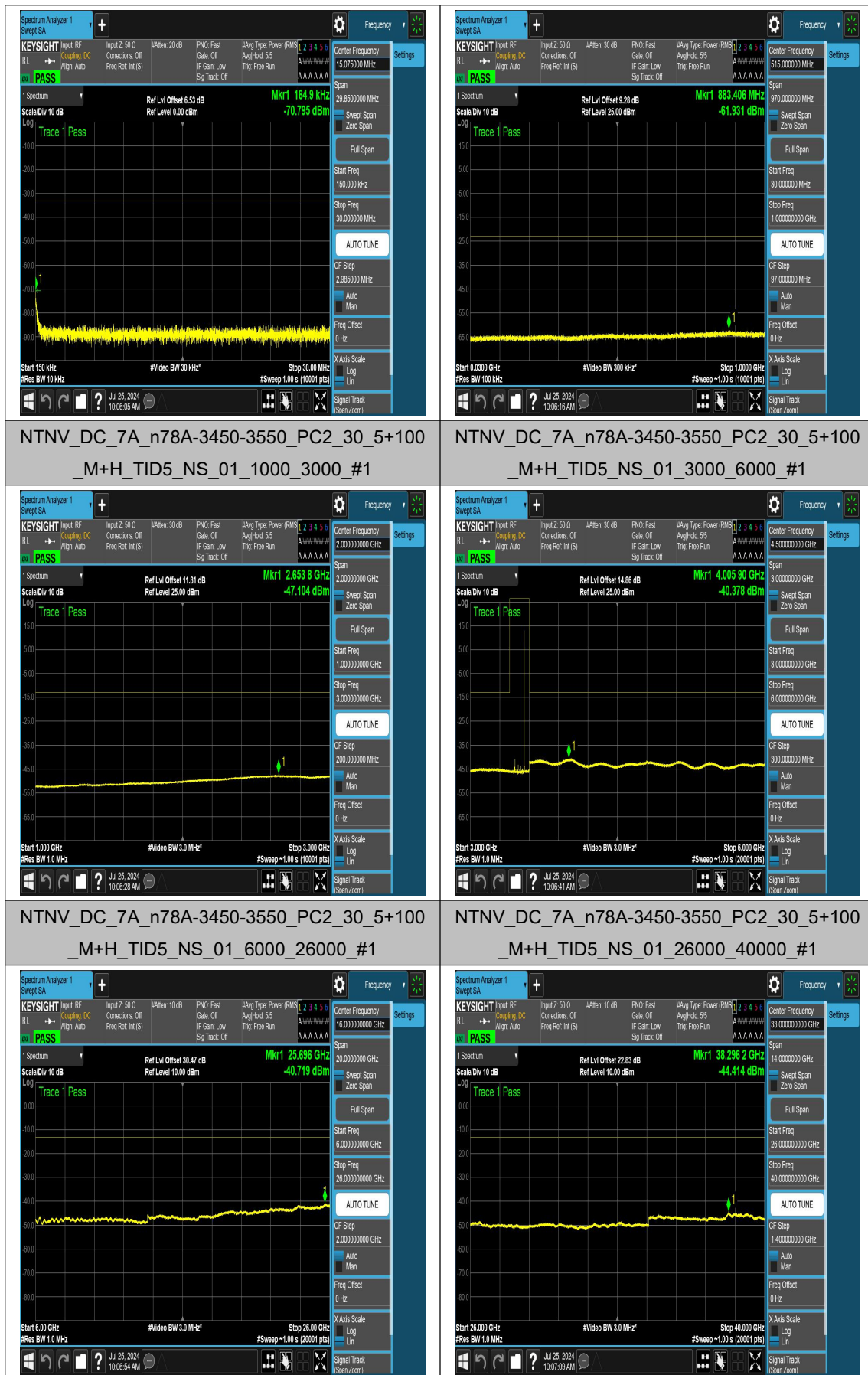










Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.880000	-0.001991	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-15.800000	-0.004573	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-12.100000	-0.003502	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-7.210000	-0.002087	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-14.240000	-0.004122	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.380000	-0.001847	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-10.970000	-0.003134	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-8.050000	-0.002300	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-11.110000	-0.003174	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-7.980000	-0.002280	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.770000	-0.002220	PASS
DC_7A_n78A-34	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-10.890000	-0.003111	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.180000	-0.001743	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.040000	-0.003396	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.330000	-0.002350	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-5.890000	-0.001661	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.740000	-0.002465	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.190000	-0.003439	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.180000	-0.001787	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-9.210000	-0.002664	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.850000	-0.002560	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.520000	-0.002464	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.140000	-0.002065	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-12.150000	-0.003514	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-9.370000	-0.002677	PASS
DC_7A_ n78A-34	30	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-10.750000	-0.003071	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-8.150000	-0.002329	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.740000	-0.001640	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-11.680000	-0.003337	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.890000	-0.002540	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.240000	-0.001761	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-10.980000	-0.003100	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-12.850000	-0.003627	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-6.220000	-0.001756	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.590000	-0.001013	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.560000	-0.001005	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-7.740000	-0.002237	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-10.840000	-0.003133	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-13.500000	-0.003902	PASS
DC_7A_ n78A-34	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-7.700000	-0.002225	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-9.510000	-0.002749	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.860000	-0.002850	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.570000	-0.002163	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-9.080000	-0.002594	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-10.110000	-0.002889	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-6.500000	-0.001857	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.180000	-0.002337	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-9.270000	-0.002649	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.160000	-0.002588	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-13.200000	-0.003729	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.630000	-0.001590	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.590000	-0.001297	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.920000	-0.001390	PASS
DC_7A_ n78A-34	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-10.410000	-0.002941	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-12.930000	-0.003726	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-16.100000	-0.004640	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-14.180000	-0.004086	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-11.520000	-0.003320	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.910000	-0.001991	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-8.540000	-0.002461	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-8.240000	-0.002354	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.500000	-0.003286	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-9.590000	-0.002740	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-8.670000	-0.002477	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.800000	-0.001657	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.350000	-0.001814	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.850000	-0.002790	PASS
DC_7A_ n78A-34	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-10.960000	-0.003105	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.570000	-0.002711	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-6.020000	-0.001705	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.400000	-0.001813	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-7.550000	-0.002139	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	-7.280000	-0.002095	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.750000	-0.002230	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-9.140000	-0.002630	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.680000	-0.002498	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-10.070000	-0.002898	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-13.080000	-0.003764	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.100000	-0.003171	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.730000	-0.002209	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	-9.610000	-0.002746	PASS
DC_7A_ n78A-34	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.210000	-0.002631	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.540000	-0.002440	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-11.500000	-0.003286	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-7.960000	-0.002258	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.060000	-0.002003	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.110000	-0.002584	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-9.530000	-0.002704	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.270000	-0.002346	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-8.300000	-0.002355	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.980000	-0.002868	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.050000	-0.002026	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.520000	-0.002161	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.340000	-0.002684	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.810000	-0.001670	PASS
DC_7A_ n78A-34	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	-13.800000	-0.003966	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-13.160000	-0.003760	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-9.730000	-0.002780	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-10.250000	-0.002929	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-7.200000	-0.002057	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.130000	-0.002323	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.369999	-0.002391	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-12.110000	-0.003440	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-11.960000	-0.003398	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.400000	-0.002670	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-8.080000	-0.002295	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.980000	-0.001983	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-9.090000	-0.002582	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	VL	NT	-13.190000	-0.003785	PASS
DC_7A_ n78A-34	30	5+70	DFT-QPSK	M+L	Outer_Full	VN	NT	-13.140000	-0.003770	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	VH	NT	-9.450000	-0.002712	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.630000	-0.002476	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.900000	-0.002554	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	-8.180000	-0.002347	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	-12.930000	-0.003694	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	-13.480000	-0.003851	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	-11.450000	-0.003271	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	-10.600000	-0.003029	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	-11.940000	-0.003411	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	-7.740000	-0.002211	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	VL	NT	-12.960000	-0.003687	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	VN	NT	-9.660000	-0.002748	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	VH	NT	-10.060000	-0.002862	PASS
DC_7A_ n78A-34	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	-10.090000	-0.002871	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.650000	-0.001892	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	-9.760000	-0.002777	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.550000	-0.002736	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-9.340000	-0.002676	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.289999	-0.002375	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-10.160000	-0.002911	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.220000	-0.002355	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.750000	-0.002794	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.420000	-0.003263	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-12.770000	-0.003649	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-12.280000	-0.003509	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.400000	-0.002686	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-9.140000	-0.002611	PASS
DC_7A_ n78A-34	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-5.380000	-0.001537	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.990000	-0.002846	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-6.990000	-0.001991	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-11.970000	-0.003410	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-9.310000	-0.002652	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-10.610000	-0.003023	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-11.000000	-0.003134	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-12.230000	-0.003499	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-10.990000	-0.003144	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.119999	-0.002323	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-10.810000	-0.003093	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-9.620000	-0.002753	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.260000	-0.002649	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.400000	-0.002114	PASS
DC_7A_ n78A-34	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.310000	-0.001803	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-11.120000	-0.003177	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.560000	-0.002731	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-10.960000	-0.003131	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-9.290000	-0.002654	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.680000	-0.002476	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-9.330000	-0.002662	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-12.820000	-0.003658	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.040000	-0.002009	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.840000	-0.001952	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.250000	-0.001783	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-11.790000	-0.003369	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-11.720000	-0.003349	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-9.800000	-0.002800	PASS
DC_7A_ n78A-34	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.630000	-0.002751	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-9.340000	-0.002669	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.750000	-0.001643	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-9.190000	-0.002626	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-12.050000	-0.003443	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-12.440000	-0.003554	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-10.550000	-0.003014	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-12.940000	-0.003697	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.960000	-0.001988	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-10.280000	-0.002937	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.010000	-0.003431	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-12.720000	-0.003634	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-9.020000	-0.002577	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.630000	-0.001894	PASS
DC_7A_ n78A-34	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-10.070000	-0.002877	PASS

50-3550										
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Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.390000	-0.003007	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-18.800000	-0.005441	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.040000	-0.002616	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-11.350000	-0.003285	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-9.580000	-0.002773	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-12.310000	-0.003563	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-11.160000	-0.003230	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-16.239999	-0.004700	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-11.400000	-0.003300	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.340000	-0.002993	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-10.320000	-0.002987	PASS
DC_7A_n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-10.220000	-0.002958	PASS
DC_7A_n78A-34	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-9.710000	-0.002810	PASS

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50-3550										
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-12.380000	-0.003583	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-10.610000	-0.003071	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-11.690000	-0.003383	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-9.320000	-0.002698	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-11.790000	-0.003412	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-9.040000	-0.002583	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-9.010000	-0.002574	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.790000	-0.002511	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-12.560000	-0.003589	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-9.150000	-0.002614	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-10.640000	-0.003040	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-12.930000	-0.003694	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-9.320000	-0.002663	PASS
DC_7A_ n78A-34	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-9.800000	-0.002800	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.470000	-0.000990	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-6.360000	-0.001817	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-8.880000	-0.002537	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-10.970000	-0.003134	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-5.970000	-0.001706	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-14.210000	-0.004060	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-10.990000	-0.003140	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-6.700000	-0.001914	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-5.210000	-0.001489	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-13.790000	-0.003890	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-10.360000	-0.002922	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-12.220000	-0.003447	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-11.710000	-0.003303	PASS
DC_7A_ n78A-34	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-12.040000	-0.003396	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-16.290000	-0.004595	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-8.400000	-0.002370	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-10.500000	-0.002962	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-10.950000	-0.003089	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.440000	-0.001252	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.820000	-0.001924	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-9.140000	-0.002578	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-10.370000	-0.002925	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-8.730000	-0.002463	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-7.070000	-0.001994	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-12.090000	-0.003410	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-12.910000	-0.003642	PASS
DC_7A_ n78A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-10.510000	-0.002965	PASS
DC_7A_ n78A-34	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.880000	-0.002858	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.480000	-0.002742	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-10.960000	-0.003170	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-11.290000	-0.003265	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-9.070000	-0.002623	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-7.920000	-0.002291	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-8.119999	-0.002349	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-11.270000	-0.003260	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-10.950000	-0.003167	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-9.320000	-0.002696	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-9.040000	-0.002615	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-12.020000	-0.003477	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-9.990000	-0.002889	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-7.460000	-0.002158	PASS
DC_7A_ n78A-34	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-6.620000	-0.001915	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-9.340000	-0.002701	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-10.360000	-0.002996	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-7.340000	-0.002123	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.100000	-0.002029	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-9.000000	-0.002571	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.900000	-0.002543	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	-4.150000	-0.001186	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-9.010000	-0.002574	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-6.550000	-0.001871	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-10.970000	-0.003134	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-8.820000	-0.002520	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	-10.820000	-0.003091	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.360000	-0.001817	PASS
DC_7A_ n78A-34	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-7.650000	-0.002186	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-7.080000	-0.002023	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-4.410000	-0.001260	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-4.500000	-0.001286	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-8.600000	-0.002457	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-9.250000	-0.002643	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-8.150000	-0.002329	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-7.430000	-0.002123	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-7.930000	-0.002239	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-8.050000	-0.002272	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-11.270000	-0.003181	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-8.180000	-0.002309	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-9.550000	-0.002696	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-7.000000	-0.001976	PASS
DC_7A_ n78A-34	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-10.510000	-0.002967	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-8.750000	-0.002470	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-9.580000	-0.002704	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.160000	-0.000892	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.620000	-0.001304	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.020000	-0.001981	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-8.450000	-0.002385	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-8.710000	-0.002459	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-7.660000	-0.002162	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-6.690000	-0.001889	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-5.520000	-0.001558	PASS
DC_7A_ n78A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-6.660000	-0.001880	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-11.340000	-0.003277	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-11.800000	-0.003410	PASS
DC_7A_ n78A-34	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.270000	-0.002679	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-9.420000	-0.002723	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-7.980000	-0.002306	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-12.820000	-0.003705	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-10.010000	-0.002893	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-10.760000	-0.003110	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-8.790000	-0.002540	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.050000	-0.002905	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-10.690000	-0.003090	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-8.840000	-0.002555	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-6.630000	-0.001916	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-8.810000	-0.002546	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-10.970000	-0.003171	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-10.060000	-0.002908	PASS
DC_7A_ n78A-34	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-11.630000	-0.003361	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-8.240000	-0.002382	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-6.670000	-0.001906	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.490000	-0.002140	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-7.590000	-0.002169	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-7.350000	-0.002100	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-9.240000	-0.002640	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-9.350000	-0.002671	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-8.670000	-0.002477	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-9.670000	-0.002763	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-10.380000	-0.002966	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.970000	-0.001420	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-7.010000	-0.002003	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-8.800000	-0.002514	PASS
DC_7A_ n78A-34	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-9.270000	-0.002649	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-8.790000	-0.002511	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-7.730000	-0.002209	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-12.540000	-0.003583	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-7.330000	-0.002094	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-5.940000	-0.001697	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.700000	-0.001328	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-7.980000	-0.002254	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-8.550000	-0.002415	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-8.260000	-0.002333	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-7.520000	-0.002124	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-8.600000	-0.002429	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-9.640000	-0.002723	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-9.290000	-0.002624	PASS
DC_7A_ n78A-34	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-5.810000	-0.001641	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.200000	-0.001186	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.760000	-0.002475	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.560000	-0.002418	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-11.750000	-0.003319	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-6.740000	-0.001904	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-9.250000	-0.002613	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-7.150000	-0.002020	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-7.470000	-0.002110	PASS
DC_7A_ n78A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-5.520000	-0.001559	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-13.690000	-0.003944	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-13.790000	-0.003974	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.820000	-0.002830	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-10.590000	-0.003052	PASS
DC_7A_ n78A-34	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-9.990000	-0.002879	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-11.080000	-0.003193	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-10.170000	-0.002931	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-11.470000	-0.003305	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-7.590000	-0.002187	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-11.120000	-0.003205	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.890000	-0.002274	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-8.160000	-0.002352	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-8.490000	-0.002447	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-6.850000	-0.001974	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-11.110000	-0.003202	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-8.070000	-0.002326	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-11.780000	-0.003395	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-12.200000	-0.003516	PASS
DC_7A_ n78A-34	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.630000	-0.002180	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-8.860000	-0.002531	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-10.810000	-0.003089	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-10.760000	-0.003074	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-9.400000	-0.002686	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-7.540000	-0.002154	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-13.160000	-0.003760	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-6.130000	-0.001751	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-9.140000	-0.002611	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-10.320000	-0.002949	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-7.940000	-0.002269	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-7.550000	-0.002157	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-9.180000	-0.002623	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-7.460000	-0.002131	PASS
DC_7A_ n78A-34	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-9.540000	-0.002726	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-9.790000	-0.002797	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-6.500000	-0.001857	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-5.870000	-0.001677	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-10.950000	-0.003102	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-8.180000	-0.002317	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.140000	-0.002589	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-9.050000	-0.002564	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-8.460000	-0.002397	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-7.420000	-0.002102	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-6.960000	-0.001971	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-5.510000	-0.001561	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-8.760000	-0.002482	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.940000	-0.001965	PASS
DC_7A_ n78A-34	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-11.480000	-0.003252	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.890000	-0.001669	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-10.070000	-0.002853	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-5.590000	-0.001584	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-8.210000	-0.002326	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-7.980000	-0.002261	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-5.260000	-0.001490	PASS
DC_7A_ n78A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-7.220000	-0.002045	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-12.690000	-0.003652	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-8.960000	-0.002578	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	-12.930000	-0.003721	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	-8.600000	-0.002475	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-13.800000	-0.003970	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-11.170000	-0.003214	PASS
DC_7A_ n78A-34	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	-8.340000	-0.002400	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	-8.980000	-0.002584	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	-8.670000	-0.002495	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	-7.760000	-0.002233	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.790000	-0.002530	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	-12.000000	-0.003453	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-8.660000	-0.002492	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-11.630000	-0.003347	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-10.320000	-0.002970	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-7.920000	-0.002279	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-6.770000	-0.001948	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-9.020000	-0.002596	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-10.130000	-0.002894	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-8.279999	-0.002366	PASS
DC_7A_ n78A-34	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-10.610000	-0.003031	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-10.330000	-0.002951	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	-5.770000	-0.001649	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-13.390000	-0.003826	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-8.340000	-0.002383	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-11.480000	-0.003280	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-9.400000	-0.002686	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-10.040000	-0.002869	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-7.100000	-0.002029	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-12.470000	-0.003563	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-16.079999	-0.004594	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-6.850000	-0.001957	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-8.950000	-0.002557	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-7.360000	-0.002103	PASS
DC_7A_ n78A-34	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-7.090000	-0.002026	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-10.850000	-0.003100	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-7.600000	-0.002156	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-7.660000	-0.002173	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.710000	-0.002755	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-7.300000	-0.002071	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-9.070000	-0.002573	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-11.810000	-0.003350	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-6.580000	-0.001867	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-9.800000	-0.002780	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-9.680000	-0.002746	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.720000	-0.001906	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-11.270000	-0.003197	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-9.450000	-0.002681	PASS
DC_7A_ n78A-34	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-9.870000	-0.002800	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	-7.240000	-0.002054	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-7.220000	-0.002048	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-8.570000	-0.002431	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-9.680000	-0.002746	PASS
DC_7A_ n78A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-9.210000	-0.002613	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.680000	-0.003069	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.060000	-0.002891	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-12.190000	-0.003503	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-10.150000	-0.002917	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-8.369999	-0.002405	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-10.490000	-0.003014	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-10.690000	-0.003072	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-11.030000	-0.003170	PASS
DC_7A_ n78A-34	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-7.420000	-0.002132	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-8.039999	-0.002310	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-9.920000	-0.002851	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-8.420000	-0.002420	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-10.640000	-0.003057	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-13.190000	-0.003790	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-6.150000	-0.001767	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-12.080000	-0.003471	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-10.440000	-0.003000	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-9.810000	-0.002819	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.180000	-0.002337	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.910000	-0.003117	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-9.560000	-0.002731	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-10.770000	-0.003077	PASS
DC_7A_ n78A-34	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-9.210000	-0.002631	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-9.350000	-0.002671	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-6.830000	-0.001951	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-10.840000	-0.003097	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-9.320000	-0.002663	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-8.460000	-0.002417	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-10.100000	-0.002886	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.880000	-0.002823	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-9.240000	-0.002640	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-9.330000	-0.002666	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-5.770000	-0.001649	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-9.920000	-0.002834	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-5.960000	-0.001703	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-8.890000	-0.002540	PASS
DC_7A_ n78A-34	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.010000	-0.002560	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.000000	-0.002557	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-11.230000	-0.003190	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-10.150000	-0.002884	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-8.279999	-0.002352	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-6.850000	-0.001946	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-9.830000	-0.002793	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-8.199999	-0.002330	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-10.410000	-0.002957	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-9.330000	-0.002651	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.090000	-0.002298	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-12.440000	-0.003534	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-7.310000	-0.002077	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-7.280000	-0.002068	PASS
DC_7A_ n78A-34	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-13.490000	-0.003832	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-7.880000	-0.002239	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-8.220000	-0.002335	PASS
DC_7A_ n78A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-11.250000	-0.003196	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-30	-13.870000	-0.003980	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.050000	-0.002884	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-10	-8.279999	-0.002376	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	0	-8.970000	-0.002574	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	10	-11.740000	-0.003369	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	20	-9.930000	-0.002849	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	30	-8.770000	-0.002516	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	40	-8.550000	-0.002453	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	50	-11.530000	-0.003308	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-30	-9.740000	-0.002795	PASS
DC_7A_ n78A-34	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-20	-9.940000	-0.002852	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-10	-14.400000	-0.004132	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	0	-9.950000	-0.002855	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	10	-10.910000	-0.003131	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	20	-8.470000	-0.002430	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	30	-12.210000	-0.003504	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	40	-11.330000	-0.003251	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	50	-7.770000	-0.002230	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.320000	-0.002377	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-20	-8.970000	-0.002563	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-10	-9.080000	-0.002594	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	0	-8.750000	-0.002500	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	10	-12.110000	-0.003460	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	20	-12.290000	-0.003511	PASS
DC_7A_ n78A-34	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	30	-12.170000	-0.003477	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	40	-10.310000	-0.002946	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	50	-11.480000	-0.003280	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-30	-8.760000	-0.002503	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-20	-9.180000	-0.002623	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.900000	-0.001686	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	0	-7.690000	-0.002197	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	10	-9.810000	-0.002803	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	20	-10.170000	-0.002906	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	30	-8.270000	-0.002363	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	40	-7.570000	-0.002163	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	50	-5.900000	-0.001686	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-30	-10.180000	-0.002896	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-20	-11.230000	-0.003195	PASS
DC_7A_ n78A-34	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.930000	-0.002256	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	0	-12.320000	-0.003505	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	10	-11.000000	-0.003129	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	20	-8.630000	-0.002455	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	30	-8.930000	-0.002541	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	40	-9.710000	-0.002762	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	50	-7.970000	-0.002267	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.010000	-0.002279	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.500000	-0.002418	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.390000	-0.002102	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	0	-10.910000	-0.003104	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	10	-11.330000	-0.003223	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	20	-10.300000	-0.002930	PASS
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	30	-7.690000	-0.002188	PASS
DC_7A_ n78A-34	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	40	-9.660000	-0.002748	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	50	-8.530000	-0.002427	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.760000	-0.003083	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-7.280000	-0.002086	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-8.980000	-0.002573	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-9.780000	-0.002802	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-8.020000	-0.002298	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-12.130000	-0.003476	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-10.060000	-0.002883	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-8.930000	-0.002559	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-10.960000	-0.003140	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-12.710000	-0.003642	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.280000	-0.001226	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-8.440000	-0.002418	PASS
DC_7A_ n78A-34	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-11.790000	-0.003378	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-9.460000	-0.002711	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-11.200000	-0.003209	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-7.150000	-0.002049	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-10.270000	-0.002943	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-11.200000	-0.003209	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-10.620000	-0.003034	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.760000	-0.003074	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.279999	-0.002366	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-8.500000	-0.002429	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-10.090000	-0.002883	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-12.060000	-0.003446	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-9.360000	-0.002674	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-8.410000	-0.002403	PASS
DC_7A_ n78A-34	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-9.600000	-0.002743	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-9.160000	-0.002617	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-9.500000	-0.002714	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-14.300000	-0.004086	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-9.080000	-0.002594	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-9.160000	-0.002617	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-10.250000	-0.002929	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-13.980000	-0.003994	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-8.470000	-0.002420	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-12.700000	-0.003629	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-11.980000	-0.003413	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-7.600000	-0.002165	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.350000	-0.002664	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-11.940000	-0.003402	PASS
DC_7A_ n78A-34	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-7.680000	-0.002188	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-8.810000	-0.002510	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-10.110000	-0.002880	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-10.280000	-0.002929	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-14.010000	-0.003990	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-10.120000	-0.002883	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.199999	-0.002336	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.490000	-0.002419	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-7.140000	-0.002033	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-6.920000	-0.001971	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-10.860000	-0.003094	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-12.500000	-0.003561	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-12.450000	-0.003547	PASS
DC_7A_ n78A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-6.930000	-0.001974	PASS
DC_7A_ n78A-34	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.450000	-0.002704	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.470000	-0.002996	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	-7.400000	-0.002117	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	-10.950000	-0.003133	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-9.940000	-0.002844	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-8.220000	-0.002352	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-9.540000	-0.002730	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-10.440000	-0.002987	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	-10.030000	-0.002870	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.310000	-0.002950	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	-11.700000	-0.003348	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.570000	-0.001880	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-6.580000	-0.001883	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-9.070000	-0.002595	PASS
DC_7A_ n78A-34	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-9.770000	-0.002795	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	-9.840000	-0.002815	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	-7.190000	-0.002057	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	-9.350000	-0.002675	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	-12.160000	-0.003474	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.180000	-0.002909	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.520000	-0.002434	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-8.490000	-0.002426	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	-11.190000	-0.003197	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	-10.680000	-0.003051	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-7.400000	-0.002114	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-9.700000	-0.002771	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	-9.160000	-0.002617	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.220000	-0.002063	PASS
DC_7A_ n78A-34	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.800000	-0.001657	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.740000	-0.002783	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-8.230000	-0.002351	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-8.230000	-0.002351	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-9.650000	-0.002757	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-7.820000	-0.002234	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-10.050000	-0.002871	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	-9.640000	-0.002754	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-8.460000	-0.002414	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.310000	-0.002656	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-12.030000	-0.003432	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-11.050000	-0.003153	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-7.880000	-0.002248	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-12.420000	-0.003544	PASS
DC_7A_ n78A-34	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	-7.470000	-0.002131	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-11.380000	-0.003247	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-8.640000	-0.002465	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.760000	-0.002499	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-10.940000	-0.003121	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.620000	-0.003030	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-12.670000	-0.003615	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-12.290000	-0.003506	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-9.540000	-0.002722	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	-12.490000	-0.003563	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-8.410000	-0.002399	PASS
DC_7A_ n78A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-9.580000	-0.002733	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.370000	-0.002963	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-11.420000	-0.003263	PASS
DC_7A_ n78A-34	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-12.700000	-0.003629	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-7.400000	-0.002114	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-13.570000	-0.003877	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-9.110000	-0.002603	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-9.370000	-0.002677	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-10.700000	-0.003057	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	-9.690000	-0.002769	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-9.890000	-0.002826	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.640000	-0.002469	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-11.120000	-0.003177	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-11.600000	-0.003314	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-7.640000	-0.002183	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-10.800000	-0.003086	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-7.640000	-0.002183	PASS
DC_7A_ n78A-34	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-9.810000	-0.002803	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-10.020000	-0.002863	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.920000	-0.002263	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-5.160000	-0.001474	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-12.290000	-0.003511	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-11.630000	-0.003323	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-7.070000	-0.002020	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-8.930000	-0.002551	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-9.770000	-0.002791	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-10.190000	-0.002911	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-8.800000	-0.002514	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.410000	-0.002117	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-8.220000	-0.002349	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.380000	-0.002680	PASS
DC_7A_ n78A-34	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-10.060000	-0.002874	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-7.990000	-0.002283	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-7.060000	-0.002017	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-10.270000	-0.002934	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-8.820000	-0.002520	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-8.130000	-0.002323	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-8.990000	-0.002569	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-8.600000	-0.002457	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.070000	-0.002591	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-7.280000	-0.002080	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-10.820000	-0.003091	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-10.710000	-0.003060	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-12.840000	-0.003669	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-12.050000	-0.003443	PASS
DC_7A_ n78A-34	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-10.690000	-0.003054	PASS

50-3550										
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-11.900000	-0.003400	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.580000	-0.001309	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.920000	-0.002549	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-11.230000	-0.003209	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-8.520000	-0.002434	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-11.280000	-0.003223	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	-9.480000	-0.002709	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-9.150000	-0.002614	PASS
DC_7A_ n78A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-11.240000	-0.003211	PASS