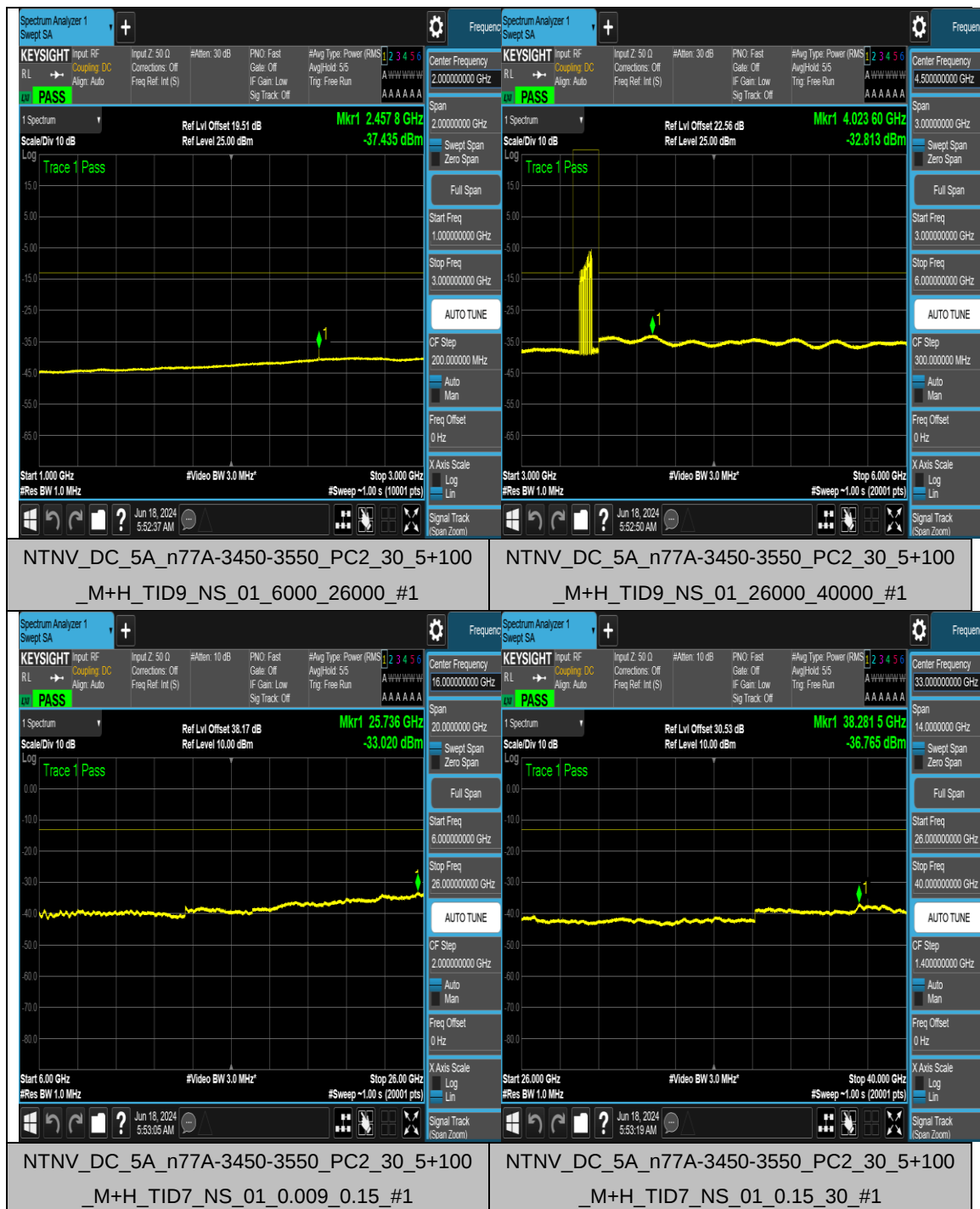
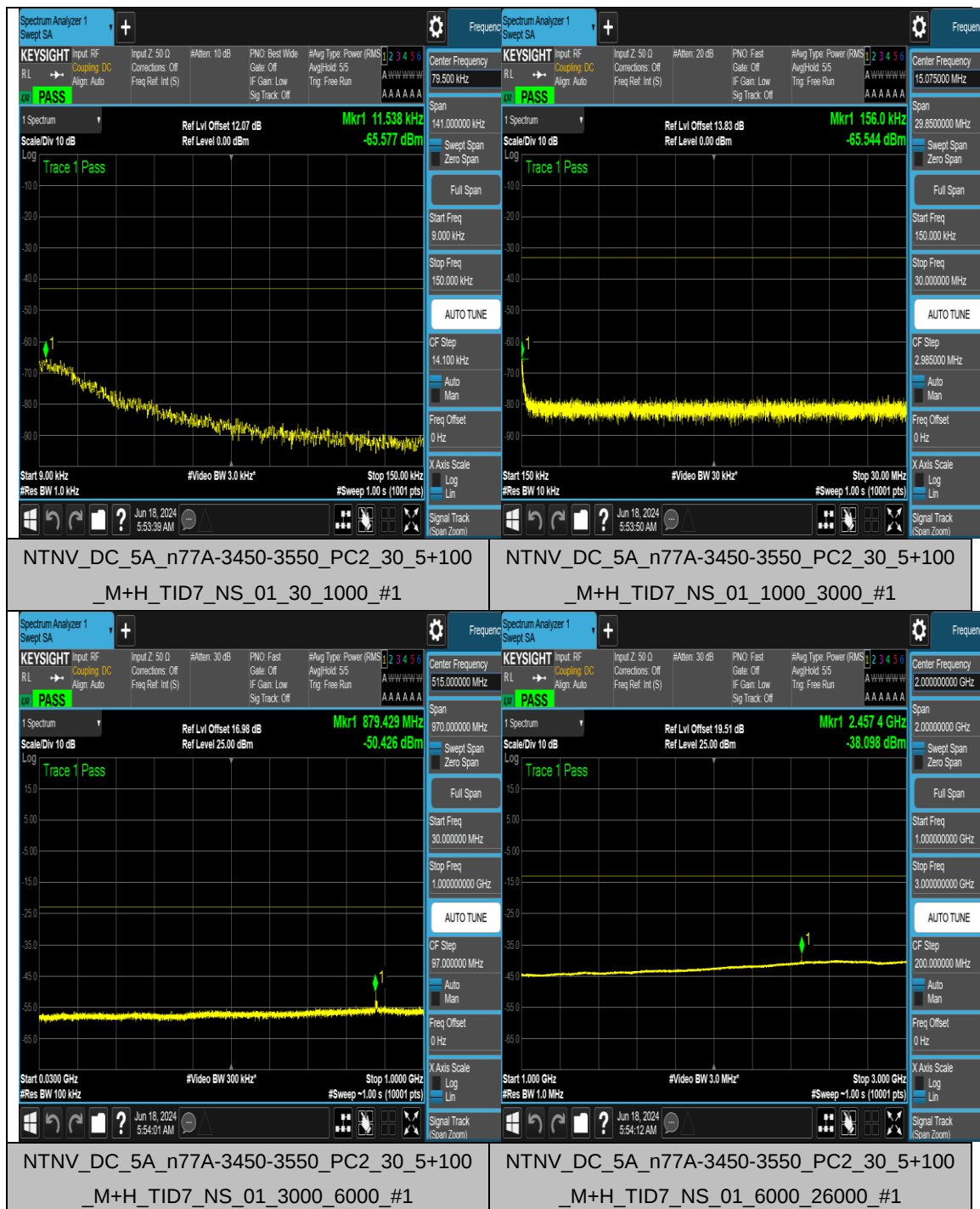


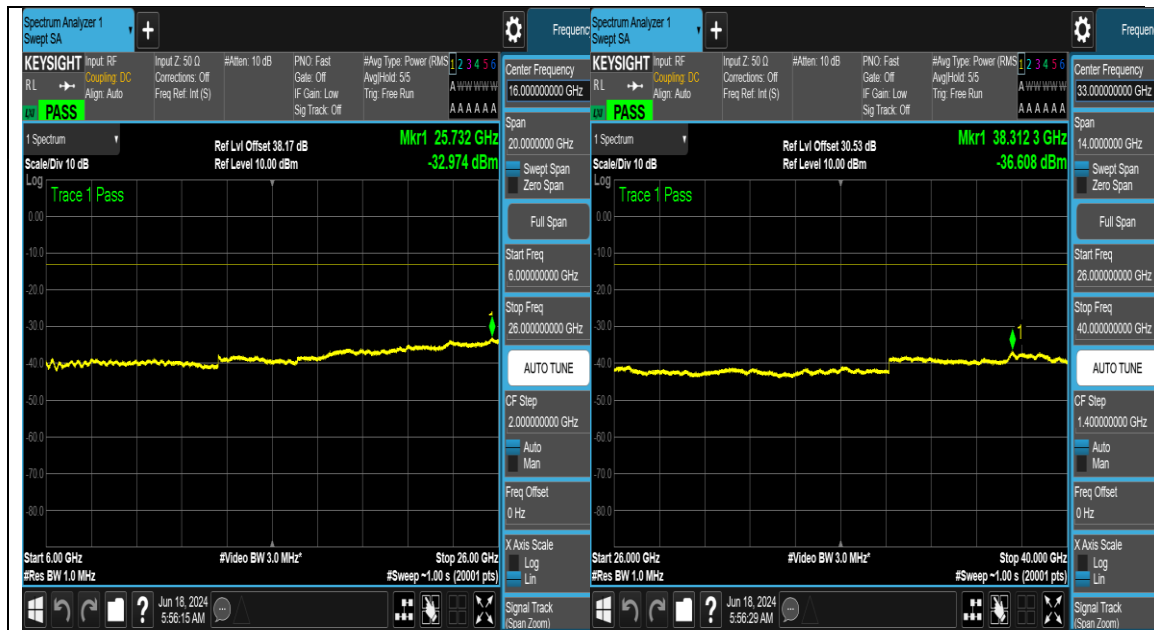












Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-7.500000	-0.002171	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-10.690000	-0.003094	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.830000	-0.001398	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.920000	-0.000845	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.640000	-0.002211	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.810000	-0.002839	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-12.530000	-0.003580	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.130000	-0.000609	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.520000	-0.001291	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-10.600000	-0.003029	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	1.650000	0.000471	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-11.630000	-0.003323	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-13.410000	-0.003783	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-10.900000	-0.003075	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.350000	-0.002355	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-15.360000	-0.004333	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.650000	-0.002158	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	0.070000	0.000020	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.480000	-0.002742	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.320000	-0.002117	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	0.050000	0.000014	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-13.590000	-0.003930	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.740000	-0.001371	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.060000	-0.001463	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.340000	-0.002669	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.460000	-0.001560	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.390000	-0.002397	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.250000	-0.003176	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.170000	-0.002306	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.180000	-0.002309	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-14.980000	-0.004229	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.970000	-0.002532	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-7.900000	-0.002230	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.420000	-0.002723	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.400000	-0.002139	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.280000	-0.002104	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-12.260000	-0.003543	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-11.190000	-0.003234	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-12.640000	-0.003653	PASS
DC_5A_	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.020000	-0.003149	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.740000	-0.003354	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.310000	-0.001517	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	0.130000	0.000037	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-6.630000	-0.001894	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-5.540000	-0.001583	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.110000	-0.000879	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.930000	-0.002240	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.640000	-0.002441	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-23.640000	-0.006678	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.720000	-0.001333	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.640000	-0.001876	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-8.520000	-0.002459	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-12.890000	-0.003720	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.130000	-0.002058	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-18.440000	-0.005322	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.470000	-0.000424	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-15.880000	-0.004583	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.950000	-0.001986	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-1.930000	-0.000551	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-15.880000	-0.004537	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.310000	-0.003231	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.690000	-0.001626	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.620000	-0.002463	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.500000	-0.002687	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.150000	-0.003437	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.310000	-0.002634	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-10.110000	-0.002860	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.320000	-0.000656	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-18.970000	-0.005366	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.550000	-0.001599	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.320000	-0.002110	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.330000	-0.001824	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-11.510000	-0.003317	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.140000	-0.002058	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.840000	-0.001395	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.680000	-0.002194	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.510000	-0.002146	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-20.390000	-0.005826	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.180000	-0.001480	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.650000	-0.001329	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-13.790000	-0.003940	PASS
DC_5A_	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.080000	-0.003139	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-16.960000	-0.004805	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.690000	-0.002745	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	2.290000	0.000649	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-12.520000	-0.003547	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.690000	-0.003595	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	-10.390000	-0.002990	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-16.780000	-0.004829	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.770000	-0.002524	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.830000	-0.001678	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.830000	-0.000527	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-7.220000	-0.002078	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.790000	-0.000510	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.530000	-0.003294	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.890000	-0.001111	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.490000	-0.003283	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-10.460000	-0.002989	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.090000	-0.000883	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.340000	-0.002366	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.440000	-0.003529	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-10.890000	-0.003089	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-11.910000	-0.003379	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-13.440000	-0.003813	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.730000	-0.001342	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-8.350000	-0.002399	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-17.910000	-0.005147	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.940000	-0.001132	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.060000	-0.001741	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-14.220000	-0.004086	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	7.330000	0.002106	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.040000	-0.000011	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-10.000000	-0.002857	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-7.090000	-0.002026	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.730000	-0.003351	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-12.570000	-0.003591	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.710000	-0.001917	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.390000	-0.003236	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.450000	-0.002116	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.820000	-0.001653	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-8.880000	-0.002523	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.350000	-0.002088	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.210000	-0.000060	PASS
DC_5A_	30	5+70	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.370000	-0.000106	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	VN	NT	-12.980000	-0.003725	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.810000	-0.001667	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.800000	-0.001377	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.480000	-0.002433	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	-11.050000	-0.003171	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.390000	-0.003254	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	2.080000	0.000594	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	0.970000	0.000277	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	0.880000	0.000250	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.530000	-0.002437	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.970000	-0.001134	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.770000	-0.001073	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.780000	-0.001075	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.880000	-0.001957	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.590000	-0.001888	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-17.680000	-0.005066	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-14.100000	-0.004040	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.550000	-0.000444	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-12.700000	-0.003639	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-11.400000	-0.003266	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.390000	-0.003254	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-10.520000	-0.003006	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	0.820000	0.000234	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.930000	-0.003409	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-13.030000	-0.003723	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.080000	-0.000023	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.100000	-0.001738	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-9.710000	-0.002766	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.040000	-0.002575	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.500000	-0.002137	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.500000	-0.000997	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-10.490000	-0.002989	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.070000	-0.002595	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.770000	-0.002223	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	-16.890000	-0.004833	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.890000	-0.001971	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.060000	-0.002020	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.200000	-0.000343	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-5.450000	-0.001557	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.650000	-0.001614	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.480000	-0.000423	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.240000	-0.001497	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.640000	-0.002183	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.850000	-0.000529	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	0.810000	0.000231	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-17.120000	-0.004884	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-22.830000	-0.006514	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-12.640000	-0.003606	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.230000	-0.002063	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.750000	-0.003638	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.850000	-0.001957	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.380000	-0.002109	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-11.120000	-0.003177	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.220000	-0.000349	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.780000	-0.002223	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-14.370000	-0.004106	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-12.760000	-0.003646	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-12.190000	-0.003483	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	8.770000	0.002506	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.400000	-0.001257	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-12.800000	-0.003657	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-10.970000	-0.003134	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-16.250000	-0.004643	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.100000	-0.002314	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.500000	-0.000714	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.070000	-0.001163	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	4.730000	0.001351	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.150000	-0.001186	PASS

Frequency Error VS. Temperature

Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.080000	-0.002628	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.610000	-0.001045	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.330000	-0.000385	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-7.860000	-0.002275	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-9.950000	-0.002880	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-6.120000	-0.001771	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-11.720000	-0.003392	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-10.690000	-0.003094	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-10.530000	-0.003048	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-7.740000	-0.002240	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-11.220000	-0.003247	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.260000	-0.000944	PASS
DC_5A_n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-4.950000	-0.001433	PASS
DC_5A_n77A-34	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-8.770000	-0.002538	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-2.540000	-0.000735	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	0.360000	0.000104	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-12.530000	-0.003627	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-2.800000	-0.000810	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.980000	-0.002566	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.490000	-0.000997	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	0.340000	0.000097	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-7.760000	-0.002217	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-15.040000	-0.004297	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-5.560000	-0.001589	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-11.010000	-0.003146	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-8.160000	-0.002331	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-1.230000	-0.000351	PASS
DC_5A_ n77A-34	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-8.090000	-0.002311	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-8.720000	-0.002491	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.480000	-0.001280	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-9.380000	-0.002680	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-7.420000	-0.002120	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-5.700000	-0.001629	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	3.870000	0.001106	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	4.580000	0.001309	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-10.170000	-0.002906	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.620000	-0.001021	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.560000	-0.002697	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.260000	-0.002612	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-3.890000	-0.001097	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-7.520000	-0.002121	PASS
DC_5A_ n77A-34	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-1.590000	-0.000449	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-16.800000	-0.004739	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-5.990000	-0.001690	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-20.510000	-0.005786	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-1.860000	-0.000525	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.880000	-0.001377	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.010000	-0.001977	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-11.860000	-0.003346	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-8.240000	-0.002324	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-8.700000	-0.002454	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-5.100000	-0.001439	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	4.310000	0.001216	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-8.570000	-0.002417	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.790000	-0.002832	PASS
DC_5A_ n77A-34	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-14.590000	-0.004220	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-20.860000	-0.006033	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-12.370000	-0.003578	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-12.510000	-0.003618	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-6.530000	-0.001889	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-11.260000	-0.003257	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-4.230000	-0.001223	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-6.410000	-0.001854	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.190000	-0.000633	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.220000	-0.001510	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.140000	-0.000619	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-10.950000	-0.003167	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-5.020000	-0.001452	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-11.040000	-0.003193	PASS
DC_5A_ n77A-34	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-6.550000	-0.001894	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-3.540000	-0.001024	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-6.060000	-0.001753	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-19.940000	-0.005697	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-15.430000	-0.004409	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.030000	-0.001151	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-5.570000	-0.001591	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-8.940000	-0.002554	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-6.290000	-0.001797	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-9.450000	-0.002700	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-12.890000	-0.003683	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-2.300000	-0.000657	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.730000	-0.001900	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-13.640000	-0.003850	PASS
DC_5A_ n77A-34	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.040000	-0.001705	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-8.150000	-0.002301	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-10.450000	-0.002950	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-9.050000	-0.002555	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-13.720000	-0.003873	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-2.770000	-0.000782	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-11.660000	-0.003291	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-9.960000	-0.002812	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-10.600000	-0.002992	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.610000	-0.002430	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-8.560000	-0.002416	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-13.090000	-0.003695	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-6.190000	-0.001747	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-21.240000	-0.005996	PASS
DC_5A_ n77A-34	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-12.970000	-0.003661	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-15.840000	-0.004471	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-14.150000	-0.004090	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-7.330000	-0.002119	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.690000	-0.002801	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-13.530000	-0.003910	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-2.260000	-0.000653	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-16.430000	-0.004749	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-16.579999	-0.004792	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-19.480000	-0.005630	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-4.010000	-0.001159	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-11.150000	-0.003223	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-16.230000	-0.004691	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.060000	-0.001462	PASS
DC_5A_ n77A-34	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-4.230000	-0.001223	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-0.930000	-0.000269	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-4.560000	-0.001318	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-8.830000	-0.002552	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-7.310000	-0.002113	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-12.720000	-0.003676	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-12.260000	-0.003503	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.350000	-0.001243	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.680000	-0.001909	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-10.930000	-0.003123	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-11.280000	-0.003223	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-4.750000	-0.001357	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-9.010000	-0.002574	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-0.160000	-0.000046	PASS
DC_5A_ n77A-34	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-2.400000	-0.000686	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-9.580000	-0.002737	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-10.160000	-0.002903	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-6.480000	-0.001851	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-7.090000	-0.002026	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-7.640000	-0.002183	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-11.260000	-0.003217	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-7.120000	-0.002033	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-10.230000	-0.002923	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-14.370000	-0.004106	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.360000	-0.002644	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-10.790000	-0.003048	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.360000	-0.002644	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-6.290000	-0.001777	PASS
DC_5A_ n77A-34	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-5.510000	-0.001556	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-10.600000	-0.002994	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-8.570000	-0.002421	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-2.049999	-0.000579	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-15.270000	-0.004314	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-15.080000	-0.004260	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.810000	-0.000794	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.280000	-0.001209	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-12.940000	-0.003655	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-9.220000	-0.002605	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-12.380000	-0.003497	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-15.610000	-0.004410	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-19.120000	-0.005401	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-13.190000	-0.003726	PASS
DC_5A_ n77A-34	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.520000	-0.002459	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.500000	-0.001587	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-12.840000	-0.003706	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-13.660000	-0.003942	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-6.130000	-0.001769	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-12.210000	-0.003524	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-5.430000	-0.001567	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-6.790000	-0.001960	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-7.720000	-0.002228	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.880000	-0.003140	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-13.590000	-0.003922	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.530000	-0.001307	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-10.840000	-0.003128	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-3.300000	-0.000952	PASS
DC_5A_ n77A-34	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-11.900000	-0.003434	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-4.710000	-0.001359	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-5.580000	-0.001610	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	2.150000	0.000620	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.110000	-0.000889	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-12.600000	-0.003600	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-15.080000	-0.004309	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-4.340000	-0.001240	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-0.590000	-0.000169	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-14.690000	-0.004197	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-10.650000	-0.003043	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-2.170000	-0.000620	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-11.060000	-0.003160	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.270000	-0.002077	PASS
DC_5A_ n77A-34	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.870000	-0.001677	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-0.740000	-0.000211	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-4.580000	-0.001309	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-5.270000	-0.001506	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-10.360000	-0.002960	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-4.560000	-0.001303	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-5.000000	-0.001429	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-8.350000	-0.002386	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.080000	-0.001154	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-11.780000	-0.003332	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.640000	-0.002161	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-6.040000	-0.001709	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-20.930000	-0.005921	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-8.780000	-0.002484	PASS
DC_5A_ n77A-34	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-3.040000	-0.000860	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-10.650000	-0.003013	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-9.620000	-0.002721	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.350000	-0.000948	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.650000	-0.001033	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.100000	-0.002857	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-4.800000	-0.001358	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-7.290000	-0.002062	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-6.770000	-0.001915	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-9.250000	-0.002617	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-4.860000	-0.001375	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-12.360000	-0.003496	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.130000	-0.002919	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.350000	-0.001254	PASS
DC_5A_ n77A-34	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.490000	-0.001870	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-4.030000	-0.001161	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-5.340000	-0.001539	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-4.320000	-0.001245	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-9.740000	-0.002807	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-1.490000	-0.000429	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-0.670000	-0.000193	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.640000	-0.001625	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	2.700000	0.000778	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	0.520000	0.000150	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-5.180000	-0.001493	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-3.920000	-0.001130	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-7.380000	-0.002127	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-13.000000	-0.003746	PASS
DC_5A_ n77A-34	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-2.600000	-0.000749	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-6.610000	-0.001905	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-18.060000	-0.005160	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.990000	-0.003426	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.920000	-0.002549	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-4.530000	-0.001294	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-5.810000	-0.001660	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-8.820000	-0.002520	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-14.730000	-0.004209	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-5.560000	-0.001589	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-15.120000	-0.004320	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-2.460000	-0.000703	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.780000	-0.001366	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.220000	-0.002634	PASS
DC_5A_ n77A-34	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-14.660000	-0.004189	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-3.490000	-0.000997	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-7.110000	-0.002030	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-8.119999	-0.002320	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-3.360000	-0.000960	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-7.260000	-0.002074	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.750000	-0.001346	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.370000	-0.000955	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-8.119999	-0.002300	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-7.830000	-0.002218	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-2.790000	-0.000790	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-13.760000	-0.003898	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-4.019999	-0.001139	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-12.120000	-0.003433	PASS
DC_5A_ n77A-34	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-5.820000	-0.001649	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.930000	-0.000263	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.500000	-0.000425	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	2.340000	0.000663	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-4.460000	-0.001263	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-10.390000	-0.002943	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-10.080000	-0.002856	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-0.110000	-0.000031	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-6.500000	-0.001841	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-10.280000	-0.002912	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.150000	-0.000906	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.290000	-0.000659	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.760000	-0.002809	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	-7.930000	-0.002282	PASS
DC_5A_ n77A-34	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-11.630000	-0.003347	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-3.900000	-0.001122	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	-4.150000	-0.001194	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	-10.080000	-0.002901	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	-11.910000	-0.003427	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.200000	-0.001784	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.060000	-0.002319	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.360000	-0.000967	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-8.279999	-0.002383	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-5.490000	-0.001580	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-10.180000	-0.002930	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-3.910000	-0.001125	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-11.450000	-0.003295	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-9.850000	-0.002835	PASS
DC_5A_ n77A-34	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.530000	-0.002437	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.520000	-0.003291	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-13.220000	-0.003777	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-2.420000	-0.000691	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	2.780000	0.000794	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-6.100000	-0.001743	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-3.850000	-0.001100	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-10.070000	-0.002877	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-6.430000	-0.001837	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.870000	-0.002249	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.640000	-0.001040	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.510000	-0.001574	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-7.960000	-0.002274	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-5.470000	-0.001563	PASS
DC_5A_ n77A-34	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-2.790000	-0.000797	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-5.900000	-0.001686	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-13.030000	-0.003723	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-4.930000	-0.001409	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.850000	-0.000525	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-7.650000	-0.002170	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-17.760000	-0.005038	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-7.610000	-0.002159	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-11.640000	-0.003302	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-9.720000	-0.002757	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-13.150000	-0.003730	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-6.960000	-0.001974	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-7.180000	-0.002037	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-12.370000	-0.003509	PASS
DC_5A_ n77A-34	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.770000	-0.002488	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.730000	-0.001342	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-14.930000	-0.004235	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	-7.770000	-0.002204	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-10.870000	-0.003084	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-4.050000	-0.001149	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-2.790000	-0.000791	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-8.720000	-0.002474	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.860000	-0.001397	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.280000	-0.000943	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-11.120000	-0.003195	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-7.590000	-0.002181	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-8.840000	-0.002540	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-10.060000	-0.002891	PASS
DC_5A_ n77A-34	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-9.410000	-0.002704	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-12.040000	-0.003460	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-17.790000	-0.005112	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	5.990000	0.001721	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.710000	-0.002216	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.690000	-0.001922	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-2.060000	-0.000592	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-7.040000	-0.002023	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-7.290000	-0.002095	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-3.600000	-0.001034	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-9.470000	-0.002721	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-5.790000	-0.001664	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-10.010000	-0.002860	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.510000	-0.003289	PASS
DC_5A_ n77A-34	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.240000	-0.002354	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-7.390000	-0.002111	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-12.370000	-0.003534	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-1.200000	-0.000343	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-7.010000	-0.002003	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-7.660000	-0.002189	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-7.780000	-0.002223	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-11.930000	-0.003409	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.020000	-0.000006	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-14.650000	-0.004186	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-4.580000	-0.001309	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-6.800000	-0.001943	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-3.210000	-0.000917	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-6.200000	-0.001771	PASS
DC_5A_ n77A-34	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-15.240000	-0.004354	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-7.870000	-0.002249	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.400000	-0.002670	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-11.310000	-0.003213	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.230000	-0.001770	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-6.090000	-0.001730	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-15.160000	-0.004307	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-10.360000	-0.002943	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-7.220000	-0.002051	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-21.690000	-0.006162	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-8.850000	-0.002514	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.289999	-0.002355	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-15.820000	-0.004494	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.900000	-0.003097	PASS
DC_5A_ n77A-34	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-8.840000	-0.002511	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-8.580000	-0.002438	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-9.920000	-0.002818	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-2.630000	-0.000747	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-10.060000	-0.002858	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-14.240000	-0.004045	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-30	1.350000	0.000387	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.990000	-0.001719	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.730000	-0.002792	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	0	-10.570000	-0.003033	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	10	-5.420000	-0.001555	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	20	-8.940000	-0.002565	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	30	-8.359999	-0.002399	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	40	-4.640000	-0.001331	PASS
DC_5A_ n77A-34	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	50	-13.090000	-0.003756	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-30	-11.030000	-0.003165	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.960000	-0.001423	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-10	-10.520000	-0.003019	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	0	-9.480000	-0.002720	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	10	-12.010000	-0.003446	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	20	-8.150000	-0.002339	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	30	-5.450000	-0.001564	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	40	-7.490000	-0.002149	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	50	-12.040000	-0.003455	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.480000	-0.000994	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.940000	-0.000840	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-10	-12.080000	-0.003451	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	0	-7.390000	-0.002111	PASS
DC_5A_ n77A-34	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	10	-4.019999	-0.001149	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	20	-4.400000	-0.001257	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	30	-4.620000	-0.001320	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	40	-10.160000	-0.002903	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	50	-13.150000	-0.003757	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-30	0.490000	0.000140	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.730000	-0.001351	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.800000	-0.001657	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	0	-11.230000	-0.003209	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	10	-14.210000	-0.004060	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	20	-7.950000	-0.002271	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	30	-10.920000	-0.003120	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	40	-8.700000	-0.002486	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	50	-6.180000	-0.001766	PASS
DC_5A_ n77A-34	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.090000	-0.001448	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.490000	-0.000708	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-10	-9.770000	-0.002780	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	0	-14.070000	-0.004002	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	10	-0.880000	-0.000250	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	20	-8.800000	-0.002504	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	30	-9.630000	-0.002740	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	40	-8.220000	-0.002339	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	50	-17.660000	-0.005024	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.009999	-0.000576	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-13.620000	-0.003903	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.790000	-0.000799	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-0.890000	-0.000255	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-11.820000	-0.003387	PASS
DC_5A_ n77A-34	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-10.610000	-0.003040	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-14.410000	-0.004129	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-6.170000	-0.001768	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-0.340000	-0.000097	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.110000	-0.001751	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.300000	-0.002092	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.880000	-0.001971	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-9.930000	-0.002845	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-7.970000	-0.002284	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-12.310000	-0.003527	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-13.000000	-0.003725	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	1.780000	0.000510	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-12.170000	-0.003487	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-14.030000	-0.004009	PASS
DC_5A_ n77A-34	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-9.080000	-0.002594	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.760000	-0.001360	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-3.010000	-0.000860	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-6.690000	-0.001911	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-6.820000	-0.001949	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-4.350000	-0.001243	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	0.940000	0.000269	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-12.970000	-0.003706	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.440000	-0.001840	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-11.820000	-0.003377	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-12.920000	-0.003691	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-6.060000	-0.001731	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-3.970000	-0.001134	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-11.270000	-0.003220	PASS
DC_5A_ n77A-34	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-7.590000	-0.002169	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-6.360000	-0.001817	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-7.080000	-0.002023	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-11.500000	-0.003276	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-6.550000	-0.001866	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.930000	-0.001689	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-11.660000	-0.003322	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-4.810000	-0.001370	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-4.990000	-0.001422	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-16.469999	-0.004692	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-7.510000	-0.002140	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-11.790000	-0.003359	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-9.580000	-0.002729	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-15.650000	-0.004459	PASS
DC_5A_ n77A-34	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.860000	-0.001954	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-10.740000	-0.003060	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-13.230000	-0.003769	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-8.119999	-0.002313	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-6.290000	-0.001792	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-3.730000	-0.001063	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-8.800000	-0.002507	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.990000	-0.002858	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.240000	-0.002930	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.600000	-0.001888	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	-7.570000	-0.002166	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-3.080000	-0.000881	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-9.800000	-0.002804	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-1.170000	-0.000335	PASS
DC_5A_ n77A-34	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-10.850000	-0.003104	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	-1.260000	-0.000361	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	-14.800000	-0.004235	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	-11.220000	-0.003210	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-11.270000	-0.003225	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-2.330000	-0.000667	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-14.160000	-0.004052	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-5.120000	-0.001465	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	-12.490000	-0.003574	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	-7.730000	-0.002212	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	-5.280000	-0.001511	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.950000	-0.001129	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.930000	-0.002266	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-10.690000	-0.003054	PASS
DC_5A_ n77A-34	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-10.820000	-0.003091	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	-3.640000	-0.001040	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	2.730000	0.000780	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-7.910000	-0.002260	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-10.550000	-0.003014	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	-2.470000	-0.000706	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.700000	-0.001629	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-6.940000	-0.001983	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.510000	-0.001003	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-6.730000	-0.001923	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-16.780000	-0.004794	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-8.000000	-0.002286	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-6.530000	-0.001866	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-6.320000	-0.001806	PASS
DC_5A_ n77A-34	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	-9.710000	-0.002774	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.390000	-0.001253	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-16.350000	-0.004665	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-13.690000	-0.003906	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-9.770000	-0.002787	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-10.190000	-0.002907	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-14.420000	-0.004114	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	-10.380000	-0.002961	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-4.059999	-0.001158	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-11.490000	-0.003278	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-12.270000	-0.003501	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.180000	-0.001763	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.930000	-0.001692	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-4.640000	-0.001324	PASS
DC_5A_ n77A-34	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-7.840000	-0.002237	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-10.160000	-0.002899	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	-9.470000	-0.002702	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-10.870000	-0.003101	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-1.070000	-0.000305	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.359999	-0.002389	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.150000	-0.002614	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.350000	-0.001529	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-9.030000	-0.002580	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-8.820000	-0.002520	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-6.450000	-0.001843	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-12.040000	-0.003440	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-12.020000	-0.003434	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	-4.730000	-0.001351	PASS
DC_5A_ n77A-34	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.370000	-0.001820	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-15.370000	-0.004391	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-15.150000	-0.004329	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-3.670000	-0.001049	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	3.120000	0.000891	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-8.350000	-0.002386	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-3.930000	-0.001123	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-8.080000	-0.002309	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-4.870000	-0.001391	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-11.160000	-0.003189	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-1.450000	-0.000414	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-12.010000	-0.003431	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-13.860000	-0.003960	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-15.560000	-0.004446	PASS
DC_5A_ n77A-34	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-7.960000	-0.002274	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-3.700000	-0.001057	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-4.400000	-0.001257	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-7.270000	-0.002077	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.870000	-0.002249	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.120000	-0.000606	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.630000	-0.002751	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-18.470000	-0.005277	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-14.370000	-0.004106	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-12.120000	-0.003463	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-12.100000	-0.003457	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-4.410000	-0.001260	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-5.720000	-0.001634	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-10.700000	-0.003057	PASS
DC_5A_ n77A-34	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.650000	-0.000757	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.820000	-0.001949	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	3.260000	0.000931	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-12.830000	-0.003666	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-6.420000	-0.001834	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-13.610000	-0.003889	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-1.930000	-0.000551	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-7.150000	-0.002043	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.260000	-0.002360	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.550000	-0.001300	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.760000	-0.003074	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-5.380000	-0.001537	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-15.340000	-0.004383	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-10.710000	-0.003060	PASS
DC_5A_ n77A-34	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	4.510000	0.001289	PASS

50-3550										
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-9.250000	-0.002643	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-3.850000	-0.001100	PASS