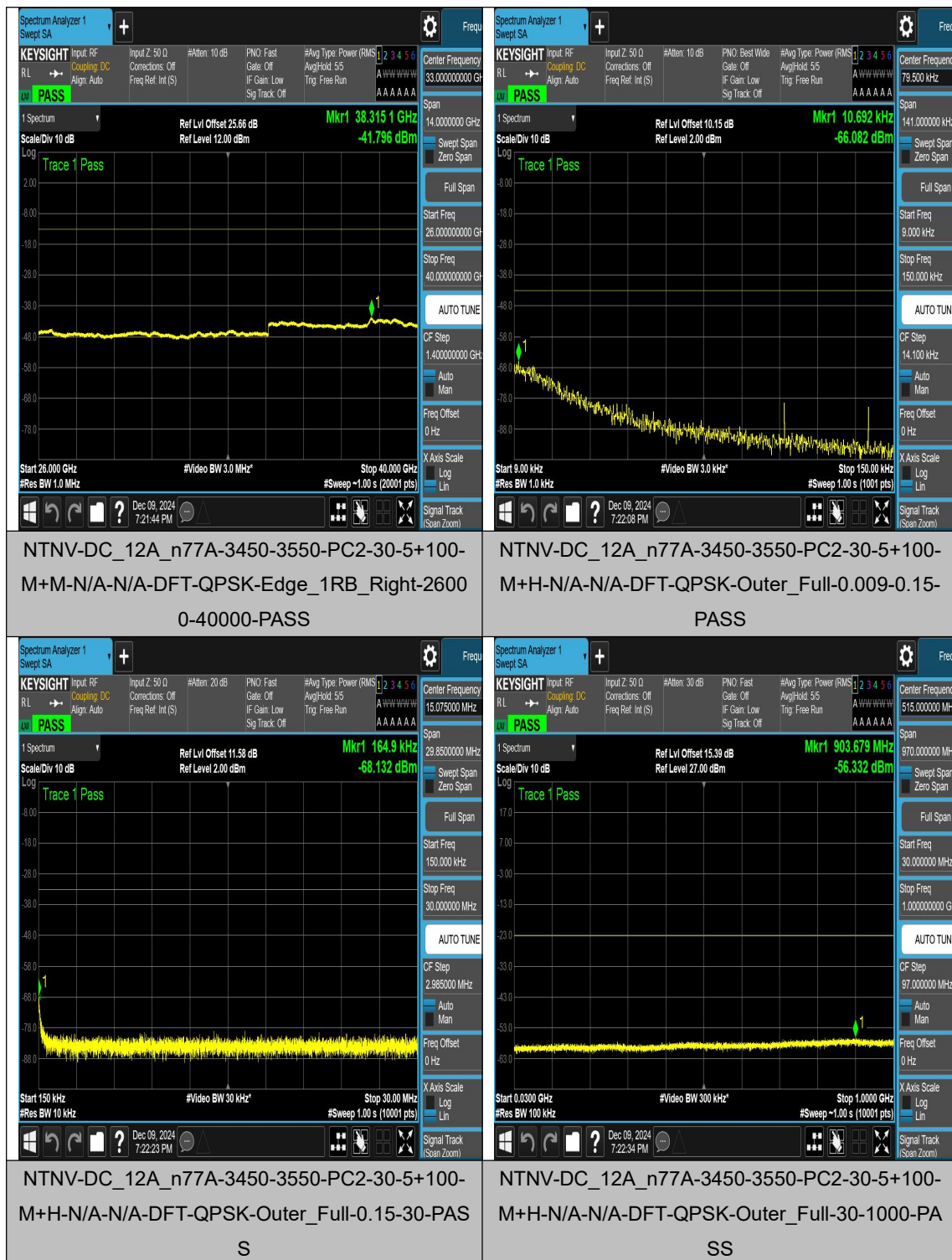
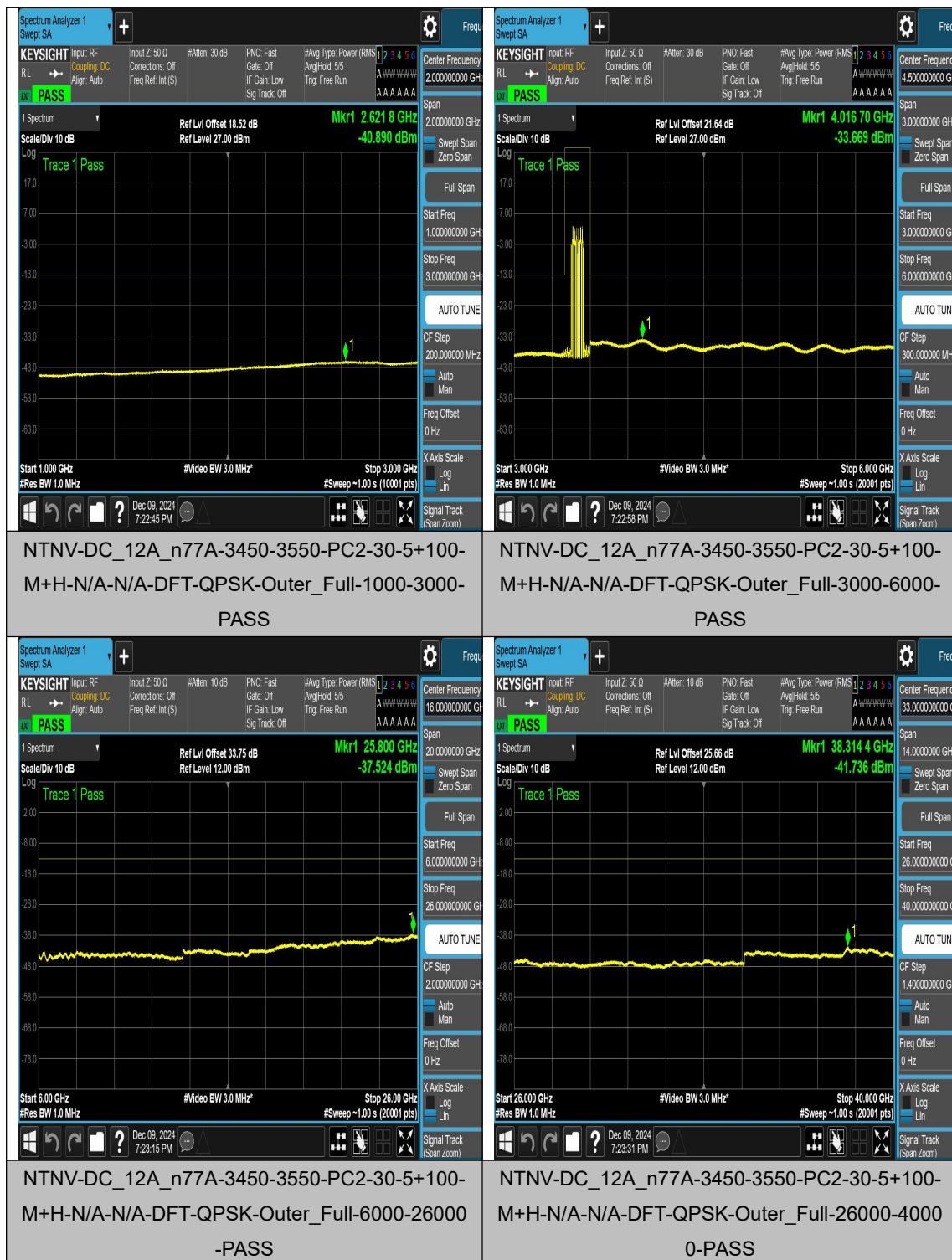
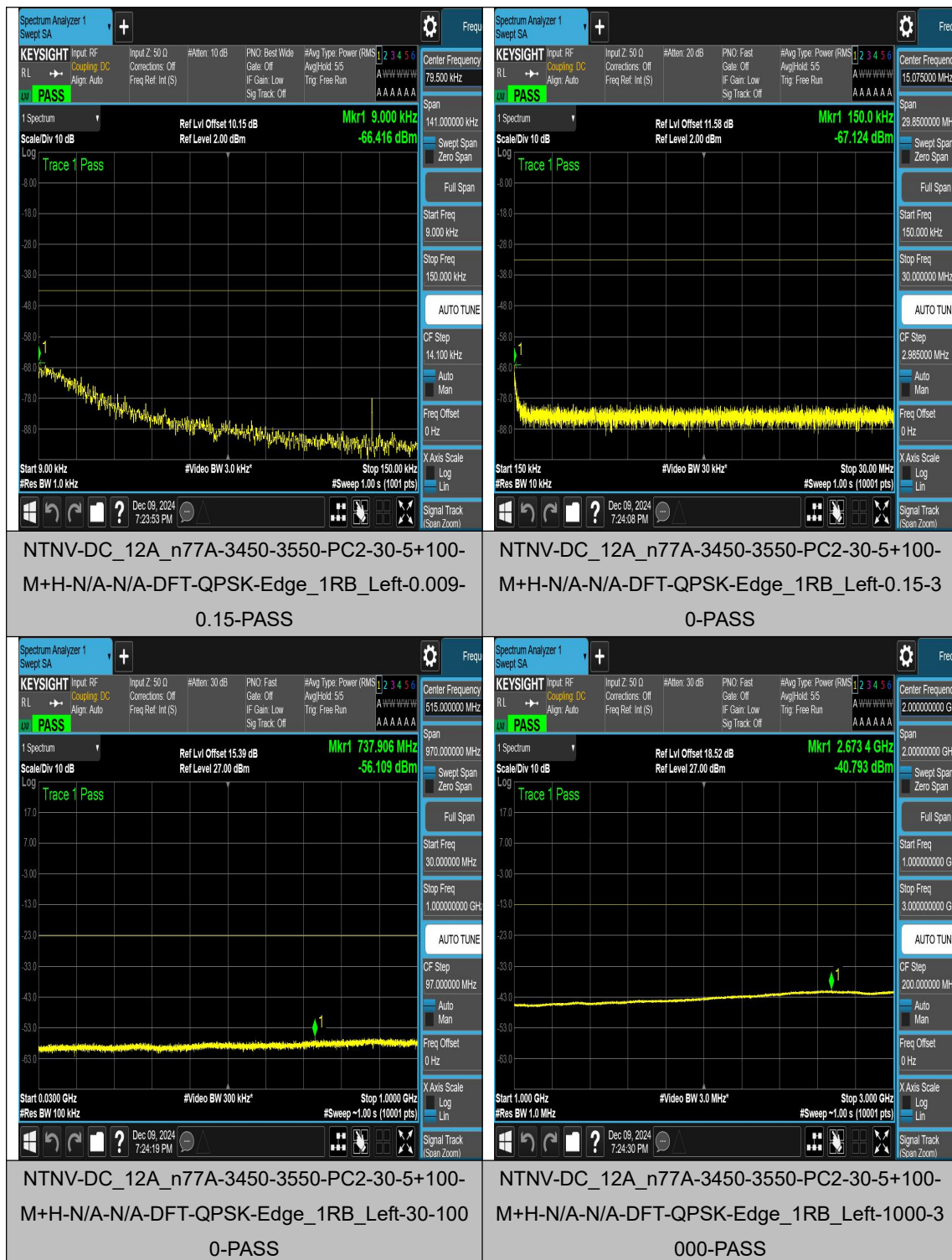
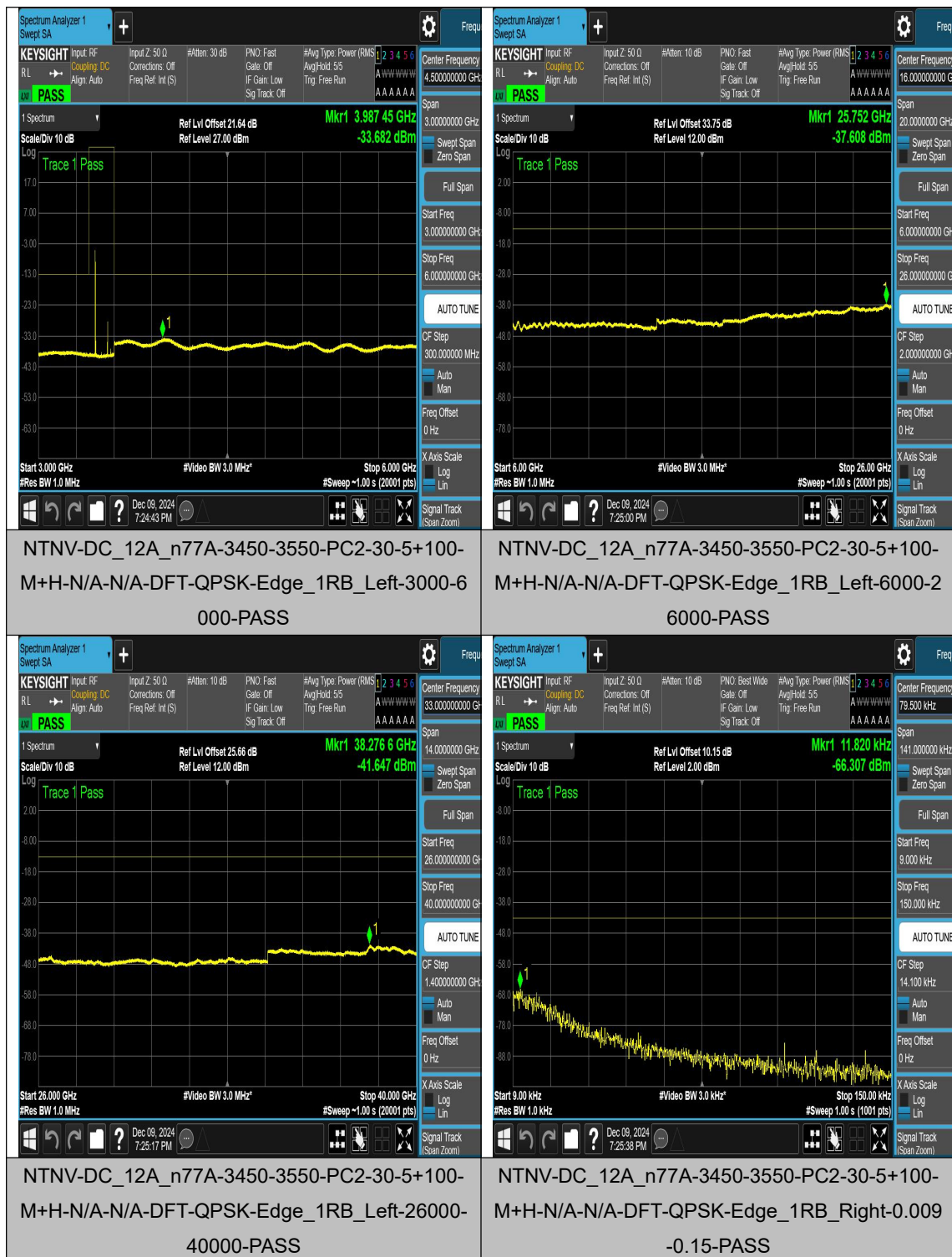




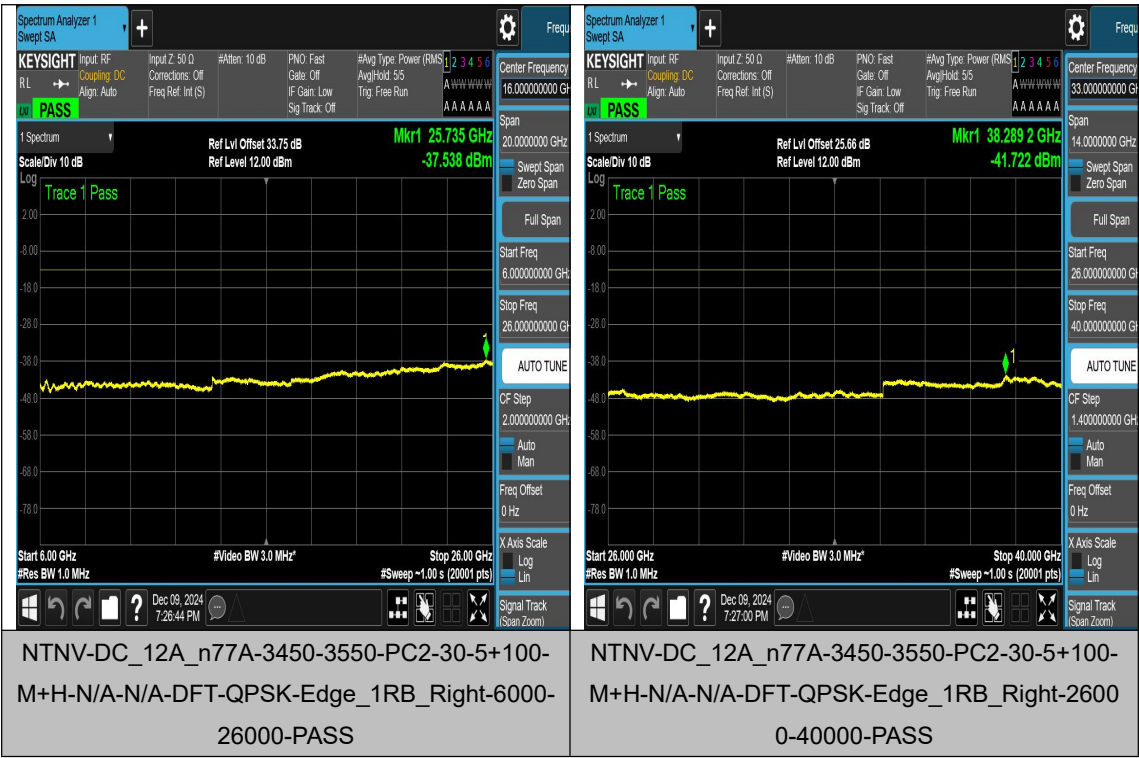












Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
DC_12A_n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.320000	-0.000960	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	2.080000	0.000601	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-10.820000	-0.003127	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.760000	-0.001087	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.010000	-0.002315	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.870000	-0.002853	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.850000	-0.001100	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.130000	-0.003180	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.590000	-0.001883	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.650000	-0.002757	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.890000	-0.001111	PASS
DC_12A_n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.780000	-0.001366	PASS

DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	1.740000	0.000492	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.430000	-0.001534	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-7.100000	-0.002006	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.970000	-0.001121	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.700000	-0.002458	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-8.020000	-0.002266	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.410000	-0.000696	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-12.450000	-0.003593	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-18.800000	-0.005426	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-14.170000	-0.004088	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-12.090000	-0.003489	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-7.120000	-0.002055	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.320000	-0.002091	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.620000	-0.001606	PASS

DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-13.160000	-0.003760	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-8.830000	-0.002523	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.190000	-0.000911	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-10.640000	-0.003040	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.270000	-0.000925	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.620000	-0.001590	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.670000	-0.002453	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.860000	-0.001375	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-10.270000	-0.002905	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.560000	-0.001290	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.030000	-0.001738	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.200000	-0.001210	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.960000	-0.000565	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	0.270000	0.000078	PASS

DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.230000	-0.002084	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.260000	-0.002669	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.860000	-0.001960	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.290000	-0.001797	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.760000	-0.001931	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-12.440000	-0.003554	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-13.750000	-0.003929	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.700000	-0.002486	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-7.420000	-0.002102	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.950000	-0.003669	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.980000	-0.001694	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.960000	-0.001405	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.950000	-0.001402	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.220000	-0.000629	PASS

DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-15.200000	-0.004368	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-6.590000	-0.001894	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-15.860000	-0.004557	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-12.350000	-0.003549	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.110000	-0.002043	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	-2.270000	-0.000652	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	1.010000	0.000289	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-8.520000	-0.002434	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.870000	-0.001677	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.050000	-0.001157	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.390000	-0.002397	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-14.600000	-0.004171	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.050000	-0.001719	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-25.320000	-0.007193	PASS

DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-11.600000	-0.003295	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.900000	-0.001392	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.189999	-0.002327	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-13.190000	-0.003747	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-8.550000	-0.002450	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-8.289999	-0.002375	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-16.940000	-0.004854	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-16.120000	-0.004619	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-13.630000	-0.003905	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-15.980000	-0.004579	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-8.189999	-0.002340	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.600000	-0.001314	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.410000	-0.001546	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-15.730000	-0.004494	PASS

DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-11.420000	-0.003263	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.130000	-0.002323	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	0.260000	0.000074	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.150000	-0.000613	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-15.690000	-0.004470	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-14.290000	-0.004071	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.650000	-0.000755	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.850000	-0.001097	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-8.910000	-0.002546	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-10.110000	-0.002889	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.620000	-0.001320	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-14.270000	-0.004077	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-11.240000	-0.003211	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-13.750000	-0.003929	PASS

DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.720000	-0.002206	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.550000	-0.003300	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.960000	-0.001988	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-8.039999	-0.002297	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-9.850000	-0.002814	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-13.770000	-0.003934	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.200000	-0.000057	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-9.050000	-0.002586	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.350000	-0.002386	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.280000	-0.000366	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.260000	-0.002074	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-9.100000	-0.002600	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.850000	-0.002558	PASS

DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.470000	-0.002737	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-8.540000	-0.002468	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-3.140000	-0.000908	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-3.700000	-0.001069	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-7.990000	-0.002309	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-12.740000	-0.003682	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-5.480000	-0.001584	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-4.190000	-0.001211	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-8.800000	-0.002543	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.890000	-0.002280	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.380000	-0.001555	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	1.690000	0.000488	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-5.040000	-0.001457	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-7.170000	-0.002072	PASS

DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-3.070000	-0.000887	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-12.530000	-0.003621	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-2.600000	-0.000751	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.620000	-0.001606	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.900000	-0.000829	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-14.060000	-0.004016	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-9.410000	-0.002689	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-7.000000	-0.002000	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-11.980000	-0.003423	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-8.670000	-0.002477	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-4.270000	-0.001220	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-8.570000	-0.002449	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-10.100000	-0.002886	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.680000	-0.000480	PASS

DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.140000	-0.000897	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	6.630000	0.001894	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-5.990000	-0.001711	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-0.190000	-0.000054	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-2.950000	-0.000843	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-6.180000	-0.001766	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-9.140000	-0.002611	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.490000	-0.001268	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.570000	-0.000726	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-10.590000	-0.002992	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-4.300000	-0.001215	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-1.540000	-0.000435	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-2.390000	-0.000675	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-8.680000	-0.002452	PASS

DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-8.830000	-0.002494	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-6.490000	-0.001833	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.139999	-0.001169	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.190000	-0.000619	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	0.550000	0.000155	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-2.700000	-0.000763	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-4.690000	-0.001325	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-7.540000	-0.002130	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-5.520000	-0.001559	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-7.860000	-0.002220	PASS
DC_12A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-2.540000	-0.000718	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.720000	-0.002517	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.640000	-0.003071	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.510000	-0.001302	PASS

DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-9.420000	-0.002719	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-15.140000	-0.004369	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-6.300000	-0.001818	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-5.430000	-0.001567	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-6.520000	-0.001882	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-5.640000	-0.001628	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-4.890000	-0.001411	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.960000	-0.000566	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-14.290000	-0.004124	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-14.320000	-0.004133	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-4.790000	-0.001382	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-9.960000	-0.002874	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-10.830000	-0.003126	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-6.590000	-0.001902	PASS

DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-14.660000	-0.004231	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.440000	-0.002411	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.870000	-0.003106	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.070000	-0.001734	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-10.100000	-0.002886	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-9.280000	-0.002651	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-2.069999	-0.000591	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-8.250000	-0.002357	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-10.940000	-0.003126	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-14.340000	-0.004097	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.830000	-0.001666	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-6.640000	-0.001897	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.090000	-0.001169	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-11.940000	-0.003411	PASS

DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-5.460000	-0.001560	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-1.980000	-0.000566	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-11.880000	-0.003394	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-7.040000	-0.002011	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-10.540000	-0.003011	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.370000	-0.002651	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-13.220000	-0.003740	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.750000	-0.001627	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-16.970000	-0.004801	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-10.710000	-0.003030	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-13.350000	-0.003777	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-9.330000	-0.002639	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-3.450000	-0.000976	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-11.050000	-0.003126	PASS

DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-14.700000	-0.004158	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.470000	-0.002396	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.790000	-0.002487	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-13.750000	-0.003890	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-5.810000	-0.001644	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-14.960000	-0.004232	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-13.520000	-0.003825	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-11.950000	-0.003380	PASS
DC_12A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-18.280000	-0.005171	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.370000	-0.000971	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.990000	-0.001438	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-11.330000	-0.003265	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-11.240000	-0.003239	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-1.570000	-0.000452	PASS

DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-7.940000	-0.002288	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-12.300000	-0.003545	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-1.340000	-0.000386	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-8.210000	-0.002366	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.720000	-0.001937	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.200000	-0.000346	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.850000	-0.001686	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-11.790000	-0.003398	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-7.800000	-0.002248	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-12.380000	-0.003568	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-8.720000	-0.002513	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-5.910000	-0.001703	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-4.170000	-0.001202	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-9.500000	-0.002714	PASS

DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.180000	-0.000623	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-11.220000	-0.003206	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-4.150000	-0.001186	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-1.490000	-0.000426	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-13.260000	-0.003789	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-7.400000	-0.002114	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-18.120000	-0.005177	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-5.760000	-0.001646	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.830000	-0.001666	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.470000	-0.001563	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-8.950000	-0.002557	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-12.140000	-0.003469	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-6.600000	-0.001886	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-9.910000	-0.002831	PASS

DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-5.400000	-0.001543	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-9.670000	-0.002763	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-20.450000	-0.005843	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-8.670000	-0.002456	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-14.430000	-0.004087	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-11.670000	-0.003306	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-2.680000	-0.000759	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-15.810000	-0.004479	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-5.270000	-0.001493	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-8.750000	-0.002479	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-6.040000	-0.001711	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-13.120000	-0.003717	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.610000	-0.001873	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.250000	-0.001487	PASS

DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.470000	-0.001833	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-9.220000	-0.002612	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-8.220000	-0.002329	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-5.430000	-0.001538	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-15.730000	-0.004456	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-12.830000	-0.003635	PASS
DC_12A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-6.790000	-0.001924	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.150000	-0.002629	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	0.020000	0.000006	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.460000	-0.000707	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-13.810000	-0.003968	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-12.090000	-0.003474	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-6.400000	-0.001839	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-5.150000	-0.001480	PASS

DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-1.590000	-0.000457	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-4.890000	-0.001405	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.530000	-0.000440	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-15.910000	-0.004572	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-16.399999	-0.004713	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-12.580000	-0.003615	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-8.050000	-0.002313	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-3.240000	-0.000931	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-4.130000	-0.001187	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-17.960000	-0.005161	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-13.130000	-0.003773	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-9.050000	-0.002586	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.190000	-0.002911	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.930000	-0.001409	PASS

DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-11.030000	-0.003151	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-6.140000	-0.001754	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-6.300000	-0.001800	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-5.460000	-0.001560	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-12.370000	-0.003534	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-9.460000	-0.002703	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-13.440000	-0.003840	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-8.690000	-0.002483	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.170000	-0.001477	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-12.190000	-0.003483	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-3.790000	-0.001083	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-8.300000	-0.002371	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-5.310000	-0.001517	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-10.840000	-0.003097	PASS

DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-3.370000	-0.000963	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-7.830000	-0.002224	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-14.730000	-0.004185	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.810000	-0.001935	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-8.300000	-0.002358	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-10.160000	-0.002886	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-7.410000	-0.002105	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-8.400000	-0.002386	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-4.370000	-0.001241	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-9.330000	-0.002651	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.520000	-0.001568	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-13.040000	-0.003705	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.570000	-0.001866	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-5.730000	-0.001628	PASS

DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-14.680000	-0.004170	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-17.350000	-0.004929	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-16.149999	-0.004588	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-9.940000	-0.002824	PASS
DC_12A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-12.060000	-0.003426	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.220000	-0.002355	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.290000	-0.000943	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.150000	-0.001762	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-0.630000	-0.000181	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-8.450000	-0.002421	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-3.990000	-0.001143	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-12.790000	-0.003665	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-5.580000	-0.001599	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-6.470000	-0.001854	PASS

DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.480000	-0.000997	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.920000	-0.002556	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-13.080000	-0.003748	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-5.570000	-0.001596	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-6.510000	-0.001865	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-6.350000	-0.001819	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-10.630000	-0.003046	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-19.670000	-0.005636	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-6.730000	-0.001928	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-11.180000	-0.003194	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.360000	-0.000674	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.050000	-0.001729	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-6.030000	-0.001723	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-9.370000	-0.002677	PASS

DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-0.050000	-0.000014	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-5.490000	-0.001569	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-12.040000	-0.003440	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-12.260000	-0.003503	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.220000	-0.002063	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-9.360000	-0.002674	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-7.000000	-0.002000	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-6.510000	-0.001860	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-4.400000	-0.001257	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-5.160000	-0.001474	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-8.330000	-0.002380	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-3.780000	-0.001080	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-5.370000	-0.001534	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-8.320000	-0.002370	PASS

DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.440000	-0.002689	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.110000	-0.002026	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-7.250000	-0.002066	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-5.520000	-0.001573	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-14.920000	-0.004251	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-9.460000	-0.002695	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-14.300000	-0.004074	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-6.070000	-0.001729	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	1.750000	0.000499	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-13.680000	-0.003897	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.210000	-0.002054	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-7.370000	-0.002100	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-4.510000	-0.001285	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-7.310000	-0.002083	PASS

DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-1.210000	-0.000345	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-11.320000	-0.003225	PASS
DC_12A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-9.540000	-0.002718	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.170000	-0.002334	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-6.100000	-0.001743	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.930000	-0.001123	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-11.510000	-0.003289	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-16.090000	-0.004597	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-13.250000	-0.003786	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-14.390000	-0.004111	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-12.640000	-0.003611	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	-12.640000	-0.003611	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-13.540000	-0.003869	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-15.320000	-0.004377	PASS

DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-16.469999	-0.004706	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	2.960000	0.000846	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-8.810000	-0.002517	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-2.150000	-0.000614	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-1.280000	-0.000366	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-7.070000	-0.002020	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-11.110000	-0.003174	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.320000	-0.001520	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-15.790000	-0.004511	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-9.830000	-0.002809	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-11.510000	-0.003289	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-8.620000	-0.002463	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-13.440000	-0.003840	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-6.440000	-0.001840	PASS

DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-12.070000	-0.003449	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-4.930000	-0.001409	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-13.550000	-0.003871	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-12.240000	-0.003497	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-13.090000	-0.003740	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-8.810000	-0.002517	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-12.140000	-0.003469	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-3.970000	-0.001134	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-0.530000	-0.000151	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-16.000000	-0.004571	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-12.300000	-0.003514	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-10.470000	-0.002991	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-5.490000	-0.001569	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.870000	-0.001963	PASS

DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-11.980000	-0.003423	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-9.480000	-0.002709	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-13.350000	-0.003814	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-9.900000	-0.002829	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-7.290000	-0.002083	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-6.150000	-0.001757	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-7.540000	-0.002154	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-10.960000	-0.003131	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.750000	-0.001357	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-5.940000	-0.001697	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-7.550000	-0.002157	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	3.100000	0.000886	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	0.430000	0.000123	PASS
DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-4.560000	-0.001303	PASS

DC_12A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-2.150000	-0.000614	PASS
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