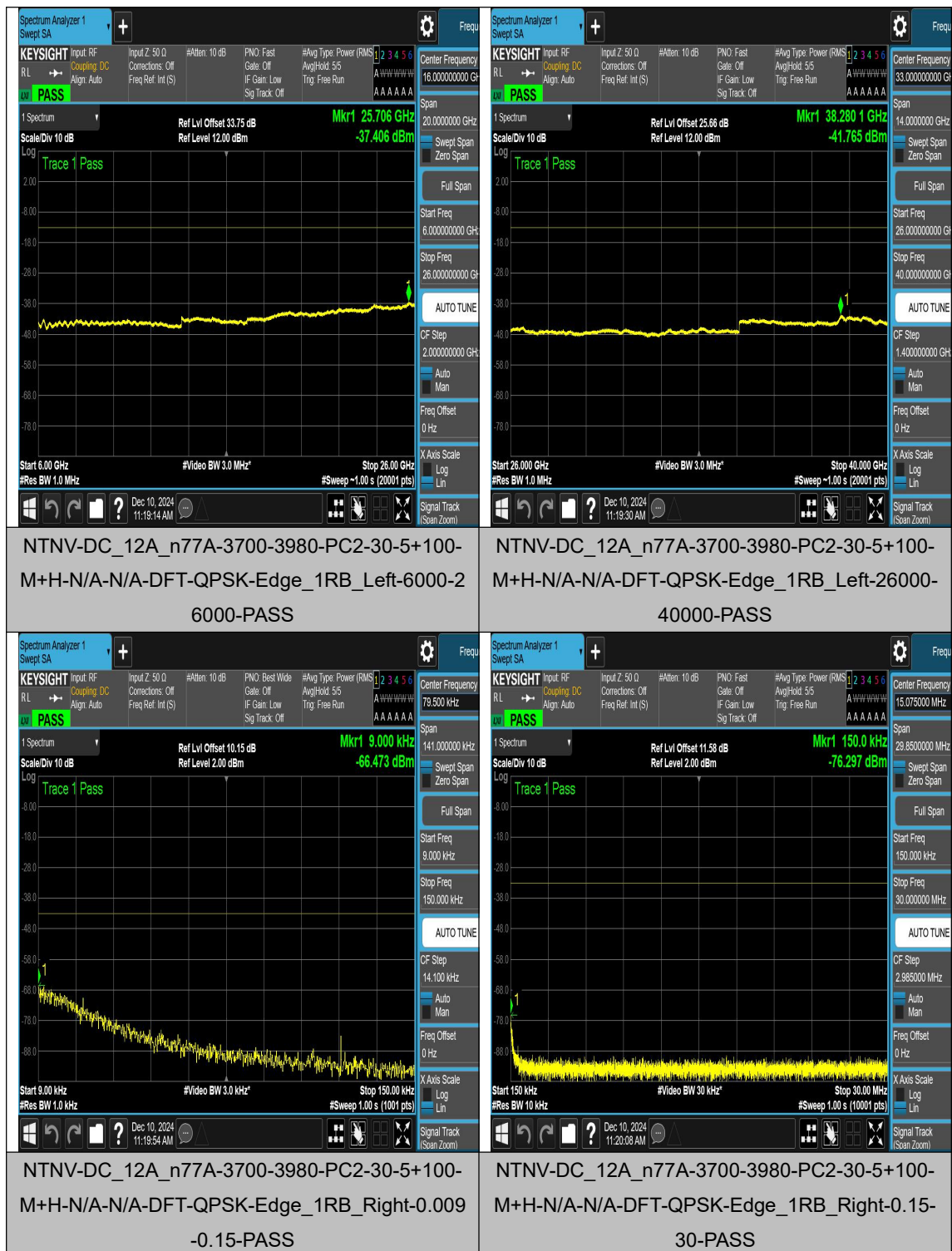






Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_12A_n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.440000	-0.000927	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-5.670000	-0.001528	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-15.520000	-0.004183	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-11.340000	-0.003057	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.630000	-0.001518	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-8.750000	-0.002358	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-13.610000	-0.003544	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-9.080000	-0.002365	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.530000	-0.000919	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.620000	-0.002505	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-19.810000	-0.005159	PASS
DC_12A_n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-10.640000	-0.002771	PASS

DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-13.590000	-0.003423	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.710000	-0.002194	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.090000	-0.001534	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-5.170000	-0.001302	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.620000	-0.001919	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.110000	-0.001287	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.940000	-0.002676	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.180000	-0.001933	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.780000	-0.002363	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.200000	-0.002476	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.700000	-0.002342	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-11.350000	-0.003055	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-9.720000	-0.002531	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-9.600000	-0.002500	PASS

DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-14.020000	-0.003651	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-10.600000	-0.002760	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-13.030000	-0.003393	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.690000	-0.000440	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.650000	-0.002938	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-6.760000	-0.001705	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-13.700000	-0.003455	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-18.450000	-0.004653	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-15.710000	-0.003962	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.040000	-0.003037	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-13.160000	-0.003538	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-6.900000	-0.001855	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.140000	-0.001382	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.610000	-0.000433	PASS

DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.930000	-0.002132	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-3.120000	-0.000839	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-8.750000	-0.002279	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.010000	-0.001044	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-12.890000	-0.003357	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.640000	-0.002510	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.970000	-0.002076	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-12.080000	-0.003146	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.520000	-0.000131	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.260000	-0.001833	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.570000	-0.002417	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.120000	-0.000030	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.270000	-0.002846	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.170000	-0.000801	PASS

DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-11.780000	-0.003158	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-8.230000	-0.002206	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-9.440000	-0.002531	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.460000	-0.000391	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.550000	-0.001756	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.560000	-0.001491	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-8.870000	-0.002310	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-14.590000	-0.003799	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.460000	-0.001161	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-16.320000	-0.004250	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.950000	-0.002331	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.380000	-0.001661	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-15.030000	-0.003805	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.720000	-0.000435	PASS

DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.360000	-0.001357	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-21.240000	-0.005377	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.360000	-0.002876	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-7.420000	-0.001878	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-10.900000	-0.002914	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-6.770000	-0.001810	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-9.050000	-0.002420	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.450000	-0.002259	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-12.130000	-0.003243	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	0.970000	0.000259	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-4.070000	-0.001060	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-9.840000	-0.002563	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.290000	-0.001638	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-12.560000	-0.003271	PASS

DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.540000	-0.000141	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-11.500000	-0.002995	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.700000	-0.001193	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-13.360000	-0.003391	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.720000	-0.002213	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-6.880000	-0.001746	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-14.780000	-0.003751	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-22.150000	-0.005622	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	0.440000	0.000117	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-9.210000	-0.002456	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.110000	-0.000029	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.880000	-0.002635	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.890000	-0.001837	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	0.290000	0.000077	PASS

DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-13.090000	-0.003409	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-17.840000	-0.004646	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-14.630000	-0.003810	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-13.910000	-0.003622	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-14.260000	-0.003714	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.090000	-0.000284	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.110000	-0.000537	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.270000	-0.001850	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.770000	-0.001723	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-12.190000	-0.003102	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.280000	-0.002870	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-11.190000	-0.002847	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-13.030000	-0.003512	PASS

DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.750000	-0.000202	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-10.050000	-0.002709	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-11.500000	-0.003100	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-16.300000	-0.004394	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-5.340000	-0.001439	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-6.570000	-0.001771	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-4.550000	-0.001226	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-9.950000	-0.002682	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.720000	-0.002889	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-13.380000	-0.003606	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-7.330000	-0.001976	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-8.680000	-0.002340	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-7.380000	-0.001988	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-6.700000	-0.001806	PASS

DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-2.100000	-0.000566	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-12.980000	-0.003499	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-13.050000	-0.003518	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-17.940000	-0.004672	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-17.760000	-0.004625	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-9.040000	-0.002354	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-14.790000	-0.003852	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-12.510000	-0.003258	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-11.500000	-0.002995	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-15.320000	-0.003989	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-10.250000	-0.002669	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-5.340000	-0.001391	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-16.480000	-0.004292	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-12.160000	-0.003167	PASS

DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-11.270000	-0.002935	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-11.040000	-0.002875	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-5.050000	-0.001315	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-7.020000	-0.001828	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-8.279999	-0.002156	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-12.600000	-0.003281	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-7.080000	-0.001844	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-14.860000	-0.003743	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-10.640000	-0.002680	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-15.500000	-0.003904	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-13.880000	-0.003496	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-8.480000	-0.002136	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-2.180000	-0.000549	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-14.540000	-0.003662	PASS

DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-10.270000	-0.002587	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-14.960000	-0.003768	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-10.520000	-0.002650	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-15.280000	-0.003849	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.910000	-0.002244	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-10.120000	-0.002549	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-7.350000	-0.001851	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-14.990000	-0.003776	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-6.090000	-0.001534	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-4.740000	-0.001194	PASS
DC_12A _n77A-3 700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-6.310000	-0.001589	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-7.870000	-0.002118	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.790000	-0.002635	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-16.160000	-0.004350	PASS

DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-8.500000	-0.002288	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-11.640000	-0.003133	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-16.079999	-0.004328	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-12.080000	-0.003252	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-6.360000	-0.001712	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-15.430000	-0.004153	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-7.380000	-0.001987	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-19.660000	-0.005292	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.190000	-0.000859	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-3.950000	-0.001063	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-10.330000	-0.002781	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-11.160000	-0.003004	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-6.060000	-0.001631	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-8.320000	-0.002240	PASS

DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-12.320000	-0.003316	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-10.460000	-0.002724	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.040000	-0.002615	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-11.590000	-0.003018	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-8.550000	-0.002227	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-14.840000	-0.003865	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-17.770000	-0.004628	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-8.670000	-0.002258	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-15.630000	-0.004070	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-11.600000	-0.003021	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-8.010000	-0.002086	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-13.540000	-0.003526	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-12.780000	-0.003328	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-8.050000	-0.002096	PASS

DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-8.400000	-0.002188	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-4.250000	-0.001107	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-11.870000	-0.003091	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-14.410000	-0.003753	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-19.360000	-0.005042	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-19.300000	-0.004868	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-11.580000	-0.002921	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-14.650000	-0.003695	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-11.270000	-0.002842	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-14.010000	-0.003533	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-9.320000	-0.002351	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-10.290000	-0.002595	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-5.570000	-0.001405	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-20.920000	-0.005276	PASS

DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-11.810000	-0.002979	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-9.910000	-0.002499	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.950000	-0.002257	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-6.980000	-0.001760	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-8.700000	-0.002194	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-12.490000	-0.003150	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-22.200000	-0.005599	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-9.410000	-0.002373	PASS
DC_12A _n77A-3 700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-9.660000	-0.002436	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-5.400000	-0.001452	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-6.260000	-0.001683	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-8.750000	-0.002352	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	2.040000	0.000548	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-11.520000	-0.003097	PASS

DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-5.120000	-0.001376	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	0.140000	0.000038	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-0.570000	-0.000153	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-0.960000	-0.000258	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.340000	-0.001435	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.000000	-0.001075	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-11.090000	-0.002981	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	0.100000	0.000027	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-5.170000	-0.001390	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-8.890000	-0.002390	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-7.510000	-0.002019	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-2.460000	-0.000661	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-5.240000	-0.001409	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-10.440000	-0.002719	PASS

DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-13.330000	-0.003471	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-10.010000	-0.002607	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-13.060000	-0.003401	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-5.930000	-0.001544	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-9.550000	-0.002487	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-7.330000	-0.001909	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-13.360000	-0.003479	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-14.200000	-0.003698	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.490000	-0.001690	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-16.290000	-0.004242	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-10.540000	-0.002745	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-6.130000	-0.001596	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-11.990000	-0.003122	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-13.340000	-0.003474	PASS

DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-13.040000	-0.003396	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-9.250000	-0.002409	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-9.200000	-0.002396	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.890000	-0.000477	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.510000	-0.000634	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-13.680000	-0.003455	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-17.470000	-0.004412	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-10.820000	-0.002732	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-3.930000	-0.000992	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-14.950000	-0.003775	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-17.520000	-0.004424	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-22.610000	-0.005710	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.540000	-0.001399	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-11.930000	-0.003013	PASS

DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.470000	-0.002644	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-8.500000	-0.002146	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-10.330000	-0.002609	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-10.630000	-0.002684	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-11.800000	-0.002980	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	0.610000	0.000154	PASS
DC_12A _n77A-3 700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-17.160000	-0.004333	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.810000	-0.002898	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.590000	-0.001499	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-7.470000	-0.002003	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-11.770000	-0.003155	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-6.080000	-0.001630	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-10.100000	-0.002708	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-9.170000	-0.002458	PASS

DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-8.980000	-0.002407	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-6.940000	-0.001861	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.430000	-0.000383	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.170000	-0.001118	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-8.279999	-0.002220	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-10.170000	-0.002727	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-10.090000	-0.002705	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-2.310000	-0.000619	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-13.590000	-0.003643	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	5.740000	0.001539	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-4.240000	-0.001137	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.700000	-0.001484	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.900000	-0.002839	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	1.240000	0.000323	PASS

DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-7.670000	-0.001997	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-10.280000	-0.002677	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-12.180000	-0.003172	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-12.150000	-0.003164	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-7.740000	-0.002016	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-11.090000	-0.002888	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.430000	-0.001414	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-12.590000	-0.003279	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-20.430000	-0.005320	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-9.580000	-0.002495	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-7.310000	-0.001904	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-13.660000	-0.003557	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-6.490000	-0.001690	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-7.510000	-0.001955	PASS

DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-19.280000	-0.005021	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.280000	-0.001590	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-12.760000	-0.003230	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.060000	-0.000268	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-9.280000	-0.002349	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-13.590000	-0.003441	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-12.940000	-0.003276	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-8.760000	-0.002218	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-1.240000	-0.000314	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-9.920000	-0.002511	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.650000	-0.001430	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-11.870000	-0.003005	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.179999	-0.001058	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-5.520000	-0.001397	PASS

DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-7.820000	-0.001980	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-6.670000	-0.001689	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-6.430000	-0.001628	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-11.220000	-0.002841	PASS
DC_12A _n77A-3 700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-10.270000	-0.002600	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-7.960000	-0.002128	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-23.270000	-0.006222	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-18.420000	-0.004925	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-11.920000	-0.003187	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-3.610000	-0.000965	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	2.240000	0.000599	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-3.640000	-0.000973	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-16.399999	-0.004385	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-5.290000	-0.001414	PASS

DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-8.220000	-0.002198	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.910000	-0.001580	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-14.230000	-0.003805	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-14.430000	-0.003858	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-8.010000	-0.002142	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-15.260000	-0.004080	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-7.820000	-0.002091	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-11.090000	-0.002965	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-4.460000	-0.001193	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-13.400000	-0.003490	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-8.810000	-0.002294	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-14.200000	-0.003698	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-9.830000	-0.002560	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-7.690000	-0.002003	PASS

DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-14.450000	-0.003763	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-13.510000	-0.003518	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-12.600000	-0.003281	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-11.280000	-0.002938	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-2.810000	-0.000732	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-15.170000	-0.003950	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-19.140000	-0.004984	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-10.510000	-0.002737	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-15.880000	-0.004135	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-14.780000	-0.003849	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-6.270000	-0.001633	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-8.730000	-0.002273	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-15.110000	-0.003935	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-11.510000	-0.002921	PASS

DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.260000	-0.000827	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-10.740000	-0.002726	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-9.900000	-0.002513	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-15.290000	-0.003881	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-12.800000	-0.003249	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-10.810000	-0.002744	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-15.160000	-0.003848	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-9.490000	-0.002409	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-12.010000	-0.003048	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-13.450000	-0.003414	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-13.090000	-0.003322	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-17.830000	-0.004525	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-14.750000	-0.003744	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-13.850000	-0.003515	PASS

DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-10.090000	-0.002561	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-14.360000	-0.003645	PASS
DC_12A _n77A-3 700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-17.610000	-0.004470	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.120000	-0.001099	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.730000	-0.000461	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	0.030000	0.000008	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-1.330000	-0.000355	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-5.040000	-0.001344	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-3.190000	-0.000851	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	2.230000	0.000595	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-1.730000	-0.000461	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	3.360000	0.000896	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.920000	-0.000779	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	0.970000	0.000259	PASS

DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	3.930000	0.001048	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-11.770000	-0.003139	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-8.540000	-0.002277	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-3.350000	-0.000893	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-4.510000	-0.001203	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-3.190000	-0.000851	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-2.680000	-0.000715	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-19.090000	-0.004971	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-16.160000	-0.004208	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-14.940000	-0.003891	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-16.100000	-0.004193	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-4.120000	-0.001073	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-12.100000	-0.003151	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-18.200000	-0.004740	PASS

DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-15.210000	-0.003961	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-8.880000	-0.002313	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-14.820000	-0.003859	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-12.340000	-0.003214	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-8.430000	-0.002195	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-14.910000	-0.003883	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-8.670000	-0.002258	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-13.010000	-0.003388	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-7.170000	-0.001867	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-7.450000	-0.001940	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-10.970000	-0.002857	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-17.340000	-0.004412	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.660000	-0.000677	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-12.870000	-0.003275	PASS

DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-14.620000	-0.003720	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-10.510000	-0.002674	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-11.300000	-0.002875	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-14.700000	-0.003740	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-13.150000	-0.003346	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-11.610000	-0.002954	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.650000	-0.000929	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-9.750000	-0.002481	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.520000	-0.001913	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-12.270000	-0.003122	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-9.510000	-0.002420	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-11.630000	-0.002959	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	-3.720000	-0.000947	PASS
DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-14.880000	-0.003786	PASS

DC_12A _n77A-3 700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-6.510000	-0.001656	PASS
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