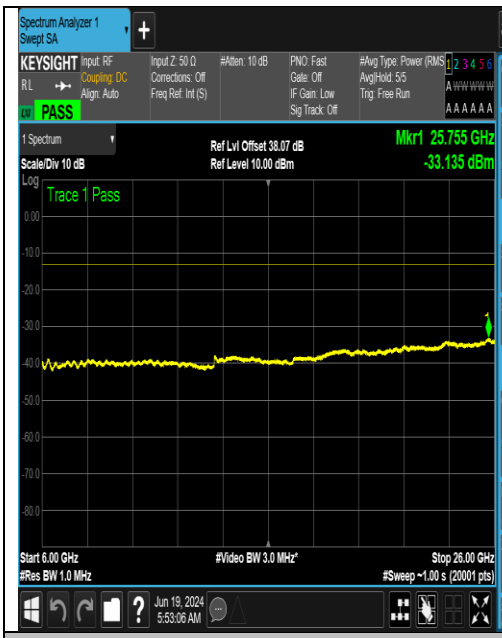
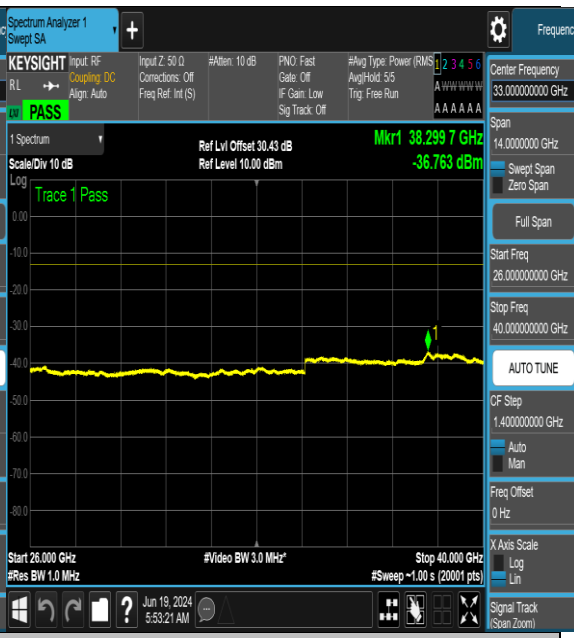


NTNV_DC_5A_n77A-3700-3980_PC2_30_5+100_M+H_TID8_NS_01_0.009_0.15_#1



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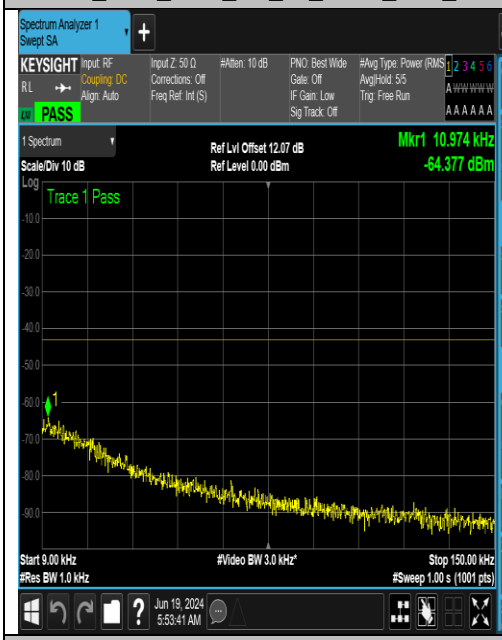

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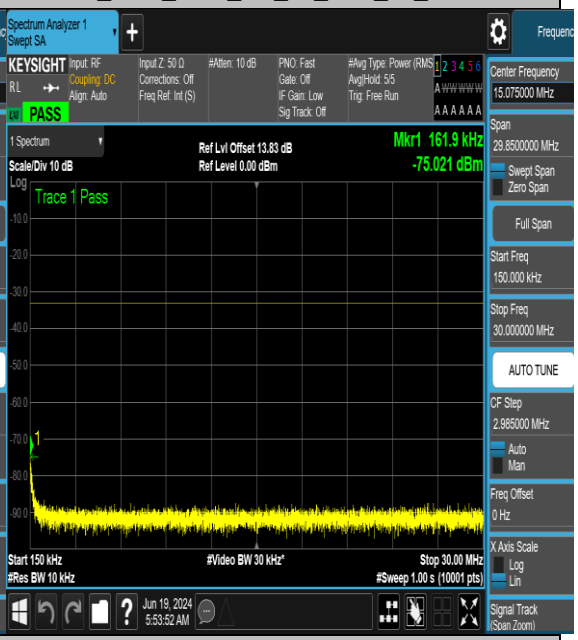
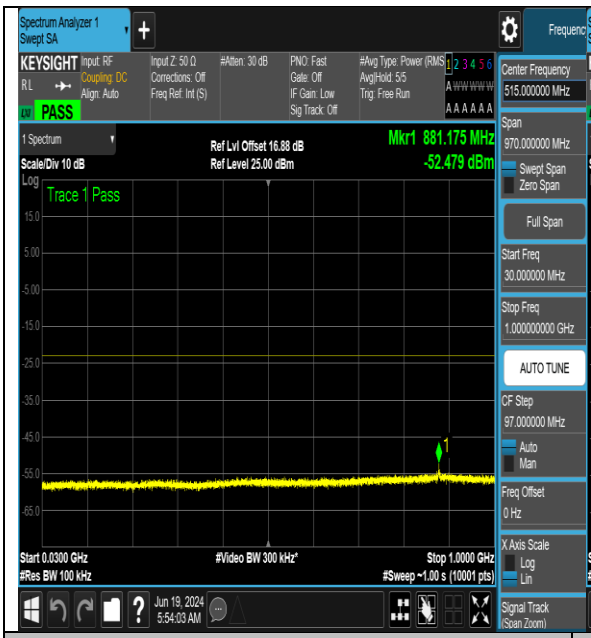
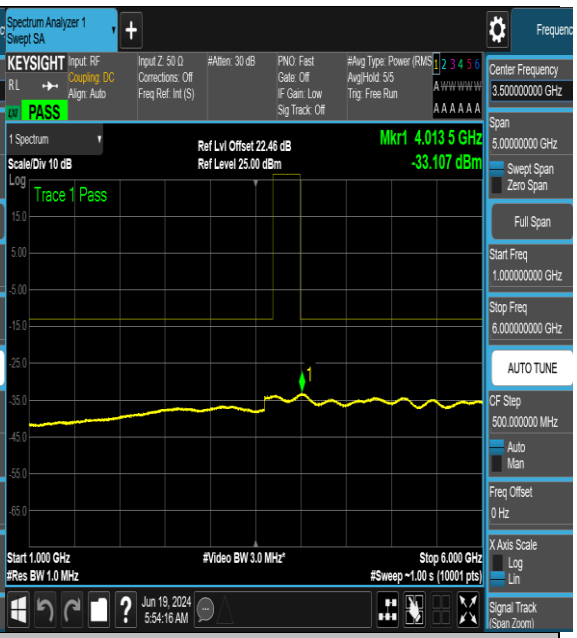


NTNV_DC_5A_n77A-3700-3980_PC2_30_5+100_M+H_TID8_NS_01_1000_6000_#1



NTNV_DC_5A_n77A-3700-3980_PC2_30_5+100_M+H_TID8_NS_01_6000_26000_#1



NTNV_DC_5A_n77A-3700-3980_PC2_30_5+100_M+H_TID8_NS_01_26000_40000_#1

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-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-12.890000	-0.003479	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-14.680000	-0.003962	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-11.050000	-0.002982	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.910000	-0.002675	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.730000	-0.002086	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.450000	-0.001741	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.100000	-0.000807	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-8.870000	-0.002310	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.900000	-0.001016	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.220000	-0.001099	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	2.120000	0.000552	PASS
DC_5A_	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-17.730000	-0.004617	PASS

n77A-37 00-3980										
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.120000	-0.000785	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.550000	-0.001899	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-11.660000	-0.002933	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-14.380000	-0.003618	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-5.310000	-0.001336	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.920000	-0.000483	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-11.160000	-0.003010	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-6.460000	-0.001742	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.320000	-0.002244	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-10.620000	-0.002864	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.500000	-0.002293	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-12.530000	-0.003380	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.580000	-0.001714	PASS
DC_5A_	30	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-8.180000	-0.002130	PASS

n77A-37 00-3980										
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-16.090000	-0.004190	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.740000	-0.002536	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-17.550000	-0.004570	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-20.310000	-0.005289	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-10.300000	-0.002593	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.860000	-0.003237	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.490000	-0.002137	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-17.880000	-0.004501	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.990000	-0.001003	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-13.850000	-0.003486	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-16.930000	-0.004563	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.270000	-0.001151	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.850000	-0.002116	PASS
DC_5A_	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.970000	-0.001340	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.810000	-0.002375	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-8.420000	-0.002270	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-8.560000	-0.002229	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-8.950000	-0.002331	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-9.730000	-0.002534	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-18.190000	-0.004737	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-14.710000	-0.003831	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-12.380000	-0.003224	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-13.640000	-0.003436	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-6.870000	-0.001730	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.680000	-0.001431	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-13.220000	-0.003330	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.370000	-0.002864	PASS
DC_5A_	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-7.760000	-0.001955	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-15.570000	-0.004191	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	0.670000	0.000180	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-17.520000	-0.004716	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-10.880000	-0.002929	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-13.840000	-0.003725	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	6.360000	0.001712	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	0.340000	0.000089	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.550000	-0.000924	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-13.110000	-0.003414	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-10.560000	-0.002750	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.000000	-0.001823	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-15.300000	-0.003983	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.940000	-0.001246	PASS
DC_5A_	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.420000	-0.000863	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.570000	-0.002414	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.330000	-0.001849	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.460000	-0.002890	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.890000	-0.001486	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-7.450000	-0.002003	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.870000	-0.001040	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.029999	-0.000546	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.150000	-0.002191	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.800000	-0.002097	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.310000	-0.000352	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.130000	-0.002898	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.890000	-0.001013	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-9.900000	-0.002578	PASS
DC_5A_	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.019999	-0.001047	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.450000	-0.001940	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-7.570000	-0.001971	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-14.540000	-0.003672	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-17.830000	-0.004503	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.110000	-0.002301	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-10.630000	-0.002684	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-10.200000	-0.002576	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-15.220000	-0.003843	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.110000	-0.002446	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.290000	-0.001957	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-11.600000	-0.003114	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.230000	-0.002478	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.130000	-0.001377	PASS
DC_5A_	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-13.170000	-0.003536	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-16.780000	-0.004370	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-15.050000	-0.003918	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	-7.510000	-0.001955	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-7.410000	-0.001930	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-12.330000	-0.003211	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-14.600000	-0.003802	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.009999	-0.000508	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.140000	-0.001300	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-10.130000	-0.002561	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.470000	-0.001130	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.760000	-0.000951	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.190000	-0.000807	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-14.090000	-0.003777	PASS
DC_5A_	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-9.580000	-0.002568	PASS

n77A-37 00-3980										
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-11.210000	-0.003005	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.210000	-0.002469	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	1.520000	0.000408	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	-10.040000	-0.002692	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.570000	-0.001711	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-15.120000	-0.003937	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-9.680000	-0.002521	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-7.530000	-0.001961	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-6.630000	-0.001727	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-5.750000	-0.001497	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.900000	-0.002253	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-6.260000	-0.001585	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.260000	-0.000572	PASS
DC_5A_	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-14.420000	-0.003651	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.090000	-0.002048	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.870000	-0.000220	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.720000	-0.002602	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.270000	-0.000072	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	VH	NT	-9.100000	-0.002436	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.770000	-0.002348	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	-10.070000	-0.002696	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	-12.120000	-0.003245	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.610000	-0.000940	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.670000	-0.001216	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	-15.810000	-0.004117	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	-12.300000	-0.003203	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	2.700000	0.000703	PASS
DC_5A_	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	-13.880000	-0.003615	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.920000	-0.002261	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.370000	-0.000094	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	VH	NT	-4.330000	-0.001098	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	0.720000	0.000183	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.920000	-0.001247	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	-13.560000	-0.003437	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.020000	-0.001342	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.500000	-0.000668	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.560000	-0.002289	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-11.720000	-0.003134	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.150000	-0.000842	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-8.590000	-0.002297	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.730000	-0.000971	PASS
DC_5A_	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-12.740000	-0.003318	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.930000	-0.000242	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-12.960000	-0.003375	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-10.200000	-0.002656	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	1.620000	0.000422	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.520000	-0.000386	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-10.920000	-0.002772	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.370000	-0.001363	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-19.700000	-0.005000	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.280000	-0.000325	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.720000	-0.001452	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-7.370000	-0.001968	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-5.080000	-0.001356	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.560000	-0.001752	PASS
DC_5A_	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-8.950000	-0.002390	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.850000	-0.001829	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.320000	-0.001154	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-10.660000	-0.002776	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.790000	-0.002029	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-11.730000	-0.003055	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-6.910000	-0.001799	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.130000	-0.000815	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-10.080000	-0.002625	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.200000	-0.000559	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-9.310000	-0.002366	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-10.670000	-0.002712	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.110000	-0.000282	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-11.540000	-0.002933	PASS
DC_5A_	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.260000	-0.001591	PASS

n77A-37 00-3980										
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.640000	-0.000171	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.230000	-0.000595	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.380000	-0.001968	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.790000	-0.000744	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.970000	-0.000525	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.170000	-0.001645	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-9.640000	-0.002510	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-27.100000	-0.007057	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.170000	-0.000565	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-7.100000	-0.001849	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-10.470000	-0.002727	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.300000	-0.000599	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-14.670000	-0.003733	PASS
DC_5A_	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.180000	-0.001318	PASS

n77A-3700-3980										
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.540000	-0.000392	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.130000	-0.001814	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.150000	-0.001565	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.450000	-0.003168	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.890000	-0.002939	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-16.920000	-0.004567	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-13.380000	-0.003611	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-3.740000	-0.001008	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-12.340000	-0.003331	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-8.420000	-0.002273	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-18.920000	-0.005107	PASS
DC_5A_n77A-37	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	5.470000	0.001476	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-7.130000	-0.001924	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-9.790000	-0.002642	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-13.400000	-0.003617	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.100000	-0.001377	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-8.160000	-0.002202	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-14.910000	-0.004024	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-13.520000	-0.003649	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-6.190000	-0.001671	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-5.390000	-0.001455	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-11.590000	-0.003128	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-15.230000	-0.003966	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-8.560000	-0.002229	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.310000	-0.001383	PASS
DC_5A_n77A-37	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-14.990000	-0.003904	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-10.970000	-0.002857	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-9.070000	-0.002362	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-4.440000	-0.001156	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-22.150000	-0.005768	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-4.019999	-0.001047	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.690000	-0.001482	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.710000	-0.000445	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-11.750000	-0.003060	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-1.530000	-0.000398	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-17.120000	-0.004458	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-5.500000	-0.001432	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-13.290000	-0.003461	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-7.400000	-0.001927	PASS
DC_5A_n77A-37	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-6.400000	-0.001667	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.210000	-0.000304	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-6.640000	-0.001670	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.720000	-0.002445	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-11.280000	-0.002838	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-1.810000	-0.000455	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-0.270000	-0.000068	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-9.160000	-0.002304	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-3.490000	-0.000878	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-5.160000	-0.001298	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-11.890000	-0.002991	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-10.470000	-0.002634	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.620000	-0.000156	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-2.730000	-0.000687	PASS
DC_5A_n77A-37	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	4.190000	0.001054	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-7.700000	-0.001937	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-4.480000	-0.001127	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-11.220000	-0.002823	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-10.520000	-0.002647	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-15.410000	-0.004156	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-14.450000	-0.003897	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.300000	-0.001430	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-12.070000	-0.003256	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-24.130000	-0.006508	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-9.400000	-0.002535	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-5.220000	-0.001408	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-12.610000	-0.003401	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-14.440000	-0.003895	PASS
DC_5A_n77A-37	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-8.790000	-0.002371	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.179999	-0.001127	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-13.150000	-0.003547	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-5.520000	-0.001489	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-14.500000	-0.003911	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-15.960000	-0.004305	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-7.700000	-0.002077	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-17.480000	-0.004715	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-11.150000	-0.003007	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-13.110000	-0.003414	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-6.090000	-0.001586	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-21.460000	-0.005589	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	-8.240000	-0.002146	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-7.320000	-0.001906	PASS
DC_5A_n77A-37	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-10.580000	-0.002755	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-10.430000	-0.002716	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	5.560000	0.001448	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	-10.440000	-0.002719	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-10.460000	-0.002724	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-16.370000	-0.004263	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-12.510000	-0.003258	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-16.690000	-0.004346	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-9.230000	-0.002404	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-4.200000	-0.001094	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-10.610000	-0.002763	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-13.230000	-0.003445	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-5.810000	-0.001513	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-13.110000	-0.003300	PASS
DC_5A_n77A-37	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.270000	-0.002334	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-15.050000	-0.003789	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-10.610000	-0.002671	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-5.020000	-0.001264	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-8.289999	-0.002087	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-10.840000	-0.002729	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-6.760000	-0.001702	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-13.630000	-0.003431	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.090000	-0.001281	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.180000	-0.001304	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-16.760000	-0.004219	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-10.250000	-0.002580	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-14.100000	-0.003549	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-3.230000	-0.000813	PASS
DC_5A_n77A-37	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-11.570000	-0.002913	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-11.870000	-0.002988	PASS
DC_5A_n77A-3700-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-16.770000	-0.004222	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-7.810000	-0.002105	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.570000	-0.002580	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-8.690000	-0.002342	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-9.220000	-0.002485	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-10.460000	-0.002819	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-1.580000	-0.000426	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-15.700000	-0.004232	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-16.260000	-0.004383	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-20.220000	-0.005450	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-14.190000	-0.003825	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	4.019999	0.001084	PASS
DC_5A_n77A-37	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-10.660000	-0.002873	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	9.290000	0.002504	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-14.150000	-0.003814	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-9.680000	-0.002609	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-7.440000	-0.002004	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-16.850000	-0.004542	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-13.830000	-0.003728	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.800000	-0.002030	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-5.000000	-0.001302	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.820000	-0.001255	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-4.040000	-0.001052	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-2.820000	-0.000734	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-9.560000	-0.002490	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-4.170000	-0.001086	PASS
DC_5A_n77A-37	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-13.880000	-0.003615	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-10.050000	-0.002617	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-11.690000	-0.003044	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-13.690000	-0.003565	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-14.490000	-0.003773	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-12.380000	-0.003224	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-7.890000	-0.002055	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-2.640000	-0.000688	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-4.179999	-0.001089	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-11.200000	-0.002917	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-12.060000	-0.003141	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.020000	-0.002272	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.230000	-0.000814	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-13.530000	-0.003408	PASS
DC_5A_n77A-37	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	3.470000	0.000874	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-4.019999	-0.001013	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-7.800000	-0.001965	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-8.630000	-0.002174	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-8.860000	-0.002232	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-12.520000	-0.003154	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-11.090000	-0.002793	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-11.870000	-0.002990	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.850000	-0.002733	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-4.200000	-0.001058	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	0.780000	0.000196	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-12.760000	-0.003214	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-0.960000	-0.000242	PASS
DC_5A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-0.190000	-0.000048	PASS
DC_5A_n77A-37	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-4.240000	-0.001068	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.260000	-0.002493	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.460000	-0.002816	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.040000	-0.001357	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	3.690000	0.000993	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-4.720000	-0.001271	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-16.719999	-0.004501	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-12.380000	-0.003332	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-8.460000	-0.002277	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-14.590000	-0.003927	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.410000	-0.002802	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-21.810000	-0.005871	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-9.500000	-0.002557	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-10.720000	-0.002886	PASS
DC_5A_n77A-37	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-2.820000	-0.000759	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-11.860000	-0.003192	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-1.880000	-0.000506	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-12.900000	-0.003472	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-6.680000	-0.001798	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.970000	-0.001034	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.470000	-0.001164	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-10.650000	-0.002773	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-13.960000	-0.003635	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-10.710000	-0.002789	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-3.380000	-0.000880	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-6.380000	-0.001661	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-14.000000	-0.003646	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	2.250000	0.000586	PASS
DC_5A_n77A-37	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.250000	-0.000846	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-13.760000	-0.003583	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.850000	-0.000482	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-10.280000	-0.002677	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-16.890000	-0.004398	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-9.890000	-0.002576	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-19.770000	-0.005148	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-5.890000	-0.001534	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-15.080000	-0.003927	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	3.880000	0.000979	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-5.580000	-0.001407	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-10.090000	-0.002545	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-14.060000	-0.003546	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-2.640000	-0.000666	PASS
DC_5A_n77A-37	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-2.080000	-0.000525	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-14.260000	-0.003596	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-9.960000	-0.002512	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-11.820000	-0.002981	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-10.220000	-0.002578	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-10.990000	-0.002772	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.810000	-0.002726	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-11.700000	-0.002951	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-2.280000	-0.000575	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-17.290000	-0.004361	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-18.120000	-0.004570	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-8.980000	-0.002265	PASS
DC_5A_n77A-3700-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-4.059999	-0.001024	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.540000	-0.001220	PASS
DC_5A_n77A-37	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	2.370000	0.000637	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-11.220000	-0.003016	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-11.620000	-0.003124	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-10.970000	-0.002949	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-2.440000	-0.000656	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-7.630000	-0.002051	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	1.820000	0.000488	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-1.710000	-0.000460	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	2.310000	0.000621	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-20.200000	-0.005430	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-10.980000	-0.002952	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	0.820000	0.000220	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-1.280000	-0.000344	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-4.820000	-0.001296	PASS
DC_5A_n77A-37	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-4.850000	-0.001304	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-3.750000	-0.001008	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-5.040000	-0.001355	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.590000	-0.001195	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-19.030000	-0.004956	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.630000	-0.002247	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-2.900000	-0.000755	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-7.400000	-0.001927	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-9.840000	-0.002563	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-14.660000	-0.003818	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-8.950000	-0.002331	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-8.189999	-0.002133	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.520000	-0.001958	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.110000	-0.000810	PASS
DC_5A_n77A-37	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-6.350000	-0.001654	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-6.450000	-0.001680	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-0.820000	-0.000214	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	3.650000	0.000951	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-14.120000	-0.003677	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-6.150000	-0.001602	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-10.220000	-0.002661	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.690000	-0.000427	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-14.010000	-0.003538	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	3.380000	0.000854	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-14.300000	-0.003611	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-11.180000	-0.002823	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-5.240000	-0.001323	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-11.740000	-0.002965	PASS
DC_5A_n77A-37	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-1.790000	-0.000452	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	2.330000	0.000588	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-10.670000	-0.002694	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-12.520000	-0.003162	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.170000	-0.002568	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-9.990000	-0.002523	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	3.830000	0.000967	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-5.360000	-0.001354	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-4.160000	-0.001051	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-12.000000	-0.003030	PASS
DC_5A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-6.820000	-0.001722	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.410000	-0.000915	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.210000	-0.000325	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	-12.640000	-0.003393	PASS
DC_5A_n77A-37	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	-7.400000	-0.001987	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-2.580000	-0.000693	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-6.310000	-0.001694	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	2.870000	0.000770	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	2.080000	0.000558	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	-5.350000	-0.001436	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	2.490000	0.000668	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.210000	-0.001936	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	1.840000	0.000494	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-12.060000	-0.003238	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-3.250000	-0.000872	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-6.290000	-0.001689	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	4.550000	0.001221	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-10.330000	-0.002773	PASS
DC_5A_n77A-37	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-5.980000	-0.001605	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-0.570000	-0.000148	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-13.850000	-0.003607	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.770000	-0.001763	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-4.010000	-0.001044	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	-15.970000	-0.004159	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-4.530000	-0.001180	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-14.690000	-0.003826	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-4.810000	-0.001253	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-9.910000	-0.002581	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-12.590000	-0.003279	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-13.680000	-0.003563	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.300000	-0.001380	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-8.540000	-0.002224	PASS
DC_5A_n77A-37	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-6.490000	-0.001690	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-8.430000	-0.002195	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-9.840000	-0.002563	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-9.930000	-0.002586	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-6.010000	-0.001565	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.020000	-0.001522	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-20.730000	-0.005241	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-13.320000	-0.003368	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-17.010000	-0.004301	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-5.540000	-0.001401	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-13.240000	-0.003348	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-7.830000	-0.001980	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-5.930000	-0.001499	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-8.420000	-0.002129	PASS
DC_5A_n77A-37	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-9.260000	-0.002341	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-13.090000	-0.003310	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.260000	-0.001583	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-14.570000	-0.003684	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	-10.260000	-0.002594	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-9.220000	-0.002331	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-2.610000	-0.000660	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	1.080000	0.000273	PASS
DC_5A_n77A-3700-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-12.840000	-0.003247	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-7.700000	-0.002064	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.040000	-0.001083	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.220000	-0.000327	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-3.390000	-0.000909	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-7.610000	-0.002040	PASS
DC_5A_n77A-37	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-4.540000	-0.001217	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-2.069999	-0.000555	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-0.330000	-0.000088	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-3.630000	-0.000973	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.910000	-0.001853	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-3.500000	-0.000938	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.300000	-0.000885	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-11.660000	-0.003126	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-8.150000	-0.002185	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-2.590000	-0.000694	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-9.160000	-0.002456	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-13.760000	-0.003689	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-4.840000	-0.001298	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.190000	-0.001872	PASS
DC_5A_n77A-37	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-13.570000	-0.003534	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.160000	-0.000042	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-0.380000	-0.000099	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-11.030000	-0.002872	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-8.060000	-0.002099	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-4.179999	-0.001089	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-16.660000	-0.004339	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-7.910000	-0.002060	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-15.400000	-0.004009	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-12.220000	-0.003182	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.930000	-0.001544	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-7.480000	-0.001948	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-8.590000	-0.002237	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-9.400000	-0.002448	PASS
DC_5A_n77A-37	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	0.040000	0.000010	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-10.010000	-0.002607	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-0.020000	-0.000005	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-13.900000	-0.003519	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.830000	-0.000970	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.100000	-0.002304	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	2.170000	0.000549	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-4.500000	-0.001139	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-11.000000	-0.002785	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-7.970000	-0.002017	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-2.650000	-0.000671	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-11.020000	-0.002790	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.550000	-0.000646	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-12.300000	-0.003114	PASS
DC_5A_n77A-37	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.050000	-0.001785	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	2.440000	0.000618	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-6.880000	-0.001742	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-15.910000	-0.004028	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-10.180000	-0.002577	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-8.820000	-0.002233	PASS
DC_5A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-9.420000	-0.002385	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-30	7.990000	0.002139	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-20	-13.200000	-0.003534	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-10	-11.370000	-0.003044	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	0	-3.120000	-0.000835	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	10	-13.410000	-0.003590	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	20	-8.880000	-0.002378	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	30	-14.040000	-0.003759	PASS
DC_5A_n77A-37	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	40	-0.900000	-0.000241	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	50	-11.050000	-0.002959	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-30	-9.420000	-0.002522	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-20	-3.750000	-0.001003	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-10	-20.000000	-0.005355	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	0	-11.230000	-0.003007	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	10	-12.340000	-0.003304	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	20	-9.110000	-0.002439	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	30	-1.350000	-0.000361	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	40	-10.960000	-0.002934	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	50	1.770000	0.000474	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.250000	-0.002148	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-20	5.250000	0.001367	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-10	4.110000	0.001070	PASS
DC_5A_n77A-37	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	0	-11.590000	-0.003018	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	10	-3.950000	-0.001029	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	20	-11.050000	-0.002878	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	30	-14.730000	-0.003836	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	40	-8.050000	-0.002096	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	50	-11.120000	-0.002896	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.230000	-0.001362	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-20	-8.010000	-0.002086	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-10	-12.230000	-0.003185	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	0	-9.930000	-0.002586	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	10	-6.110000	-0.001591	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	20	-6.120000	-0.001594	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	30	-14.200000	-0.003698	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	40	-6.740000	-0.001755	PASS
DC_5A_n77A-37	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	50	-10.170000	-0.002648	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.870000	-0.002502	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-20	-12.620000	-0.003199	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-10	0.970000	0.000246	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	0	-5.150000	-0.001305	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	10	-2.840000	-0.000720	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	20	-10.170000	-0.002578	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	30	-9.980000	-0.002530	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	40	-7.910000	-0.002004	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	50	-15.520000	-0.003934	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.030000	-0.001275	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-20	-12.550000	-0.003181	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.610000	-0.001422	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	0	4.110000	0.001042	PASS
DC_5A_n77A-37	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	10	-3.890000	-0.000985	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	20	1.380000	0.000350	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	30	-4.370000	-0.001108	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	40	-4.490000	-0.001138	PASS
DC_5A_n77A-3700-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	50	-3.720000	-0.000943	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-11.350000	-0.003035	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.810000	-0.001286	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	0.720000	0.000193	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-9.880000	-0.002642	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-17.240000	-0.004610	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-5.990000	-0.001602	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-2.330000	-0.000623	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-17.470000	-0.004671	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-15.150000	-0.004051	PASS
DC_5A_n77A-37	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-11.010000	-0.002944	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.120000	-0.001636	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	1.480000	0.000396	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	11.280000	0.003016	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-6.510000	-0.001741	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-1.060000	-0.000283	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-11.530000	-0.003083	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-7.830000	-0.002094	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-9.900000	-0.002647	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-11.060000	-0.002880	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.400000	-0.002969	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.090000	-0.001326	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-6.940000	-0.001807	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-10.240000	-0.002667	PASS
DC_5A_n77A-37	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-1.370000	-0.000357	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-7.210000	-0.001878	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	4.870000	0.001268	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-6.060000	-0.001578	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.130000	-0.001857	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-10.760000	-0.002802	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-7.370000	-0.001919	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-13.910000	-0.003622	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-4.710000	-0.001227	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-11.230000	-0.002924	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-5.980000	-0.001557	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-5.400000	-0.001406	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-10.560000	-0.002750	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.410000	-0.000865	PASS
DC_5A_n77A-37	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-6.470000	-0.001642	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-8.020000	-0.002036	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-0.790000	-0.000201	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-11.880000	-0.003015	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-7.830000	-0.001987	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-13.150000	-0.003338	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-11.860000	-0.003010	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-1.220000	-0.000310	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.790000	-0.002231	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-7.790000	-0.001977	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.300000	-0.001345	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-10.790000	-0.002739	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-9.910000	-0.002515	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-10.720000	-0.002721	PASS
DC_5A_n77A-37	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-7.370000	-0.001871	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-14.360000	-0.003645	PASS
DC_5A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-7.260000	-0.001843	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-7.180000	-0.001917	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-12.460000	-0.003327	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	3.690000	0.000985	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	-7.300000	-0.001949	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-11.630000	-0.003105	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-4.330000	-0.001156	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-6.940000	-0.001853	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-7.110000	-0.001899	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	-4.080000	-0.001089	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	1.450000	0.000387	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.000000	-0.002136	PASS
DC_5A_n77A-37	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.450000	-0.000921	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-5.840000	-0.001559	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-4.560000	-0.001218	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-3.960000	-0.001057	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	-10.820000	-0.002889	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	0.790000	0.000211	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	-10.670000	-0.002849	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	0.450000	0.000117	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-10.040000	-0.002615	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.470000	-0.001424	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-12.050000	-0.003138	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	0.830000	0.000216	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	-6.740000	-0.001755	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-3.730000	-0.000971	PASS
DC_5A_n77A-37	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-13.600000	-0.003542	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	-5.840000	-0.001521	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.130000	-0.001336	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-9.250000	-0.002409	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.060000	-0.000536	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-4.280000	-0.001115	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-1.620000	-0.000422	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-5.590000	-0.001456	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-10.050000	-0.002617	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-0.410000	-0.000107	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	-9.140000	-0.002380	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.680000	-0.002460	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.560000	-0.000396	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.500000	-0.001144	PASS
DC_5A_n77A-37	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-11.950000	-0.003037	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-8.090000	-0.002056	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-2.670000	-0.000679	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	3.270000	0.000831	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-12.380000	-0.003146	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-5.760000	-0.001464	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-10.630000	-0.002701	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-7.570000	-0.001924	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-12.210000	-0.003103	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-9.860000	-0.002506	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-8.630000	-0.002193	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-1.040000	-0.000264	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	0.810000	0.000206	PASS
DC_5A_n77A-3700-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-12.040000	-0.003060	PASS
DC_5A_n77A-37	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-8.210000	-0.002086	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.980000	-0.002661	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.050000	-0.001347	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-10.880000	-0.002901	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-7.030000	-0.001875	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-4.590000	-0.001224	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-1.330000	-0.000355	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-2.750000	-0.000733	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-7.970000	-0.002125	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	-9.290000	-0.002477	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-7.520000	-0.002004	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.570000	-0.001752	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	0.890000	0.000237	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-10.340000	-0.002757	PASS
DC_5A_n77A-37	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-10.020000	-0.002672	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-1.470000	-0.000392	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-14.920000	-0.003979	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-6.670000	-0.001779	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-12.230000	-0.003261	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.110000	-0.001852	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.770000	-0.002023	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-12.000000	-0.003125	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-6.190000	-0.001612	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-2.310000	-0.000602	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-16.739999	-0.004359	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	1.150000	0.000299	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-7.960000	-0.002073	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-4.290000	-0.001117	PASS
DC_5A_n77A-37	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.850000	-0.002043	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-18.710000	-0.004872	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.890000	-0.000492	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-1.190000	-0.000310	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-6.850000	-0.001784	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-9.640000	-0.002510	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-6.570000	-0.001711	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	0.200000	0.000052	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-1.410000	-0.000367	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-0.950000	-0.000242	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	7.300000	0.001858	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.770000	-0.001977	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-6.130000	-0.001560	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-5.560000	-0.001415	PASS
DC_5A_n77A-37	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-5.390000	-0.001372	PASS

00-3980										
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-7.480000	-0.001903	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-11.490000	-0.002924	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-5.210000	-0.001326	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-16.399999	-0.004173	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.010000	-0.001020	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.530000	-0.001916	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-3.920000	-0.000997	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-10.570000	-0.002690	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-26.460000	-0.006733	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	-0.370000	-0.000094	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-20.400000	-0.005191	PASS
DC_5A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-9.920000	-0.002524	PASS