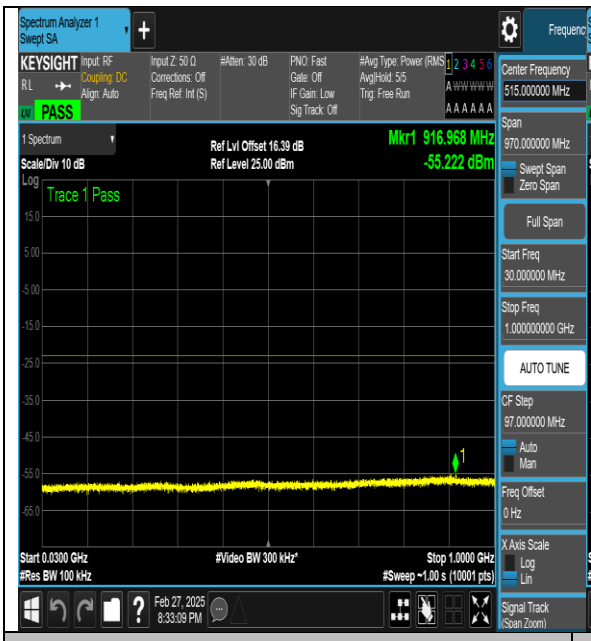
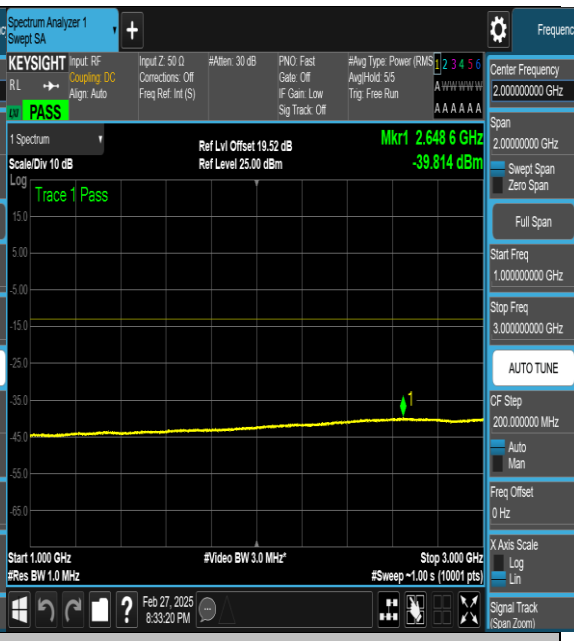
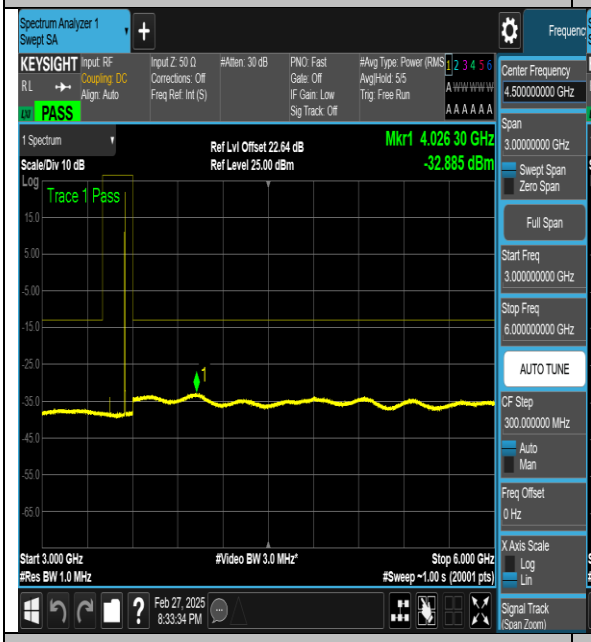


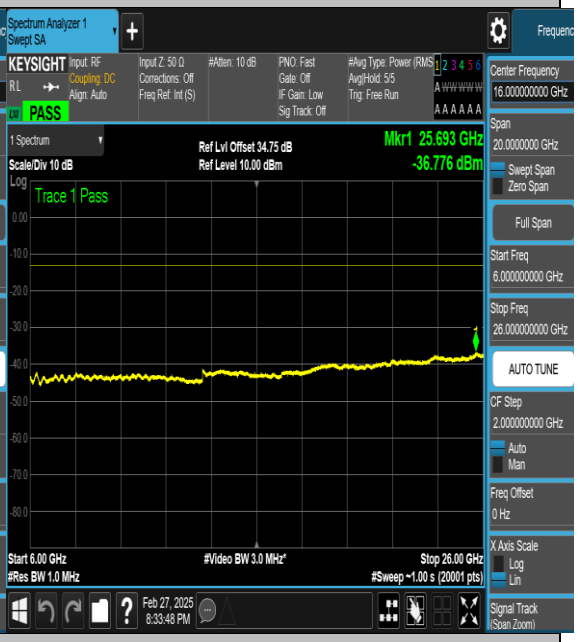
NTNV-DC_41A_n77A-3450-3550-PC2-30-5+100-M+H-N/A-N/A-DFT-QPSK-Edge_1RB_Right-30-1000-PASS



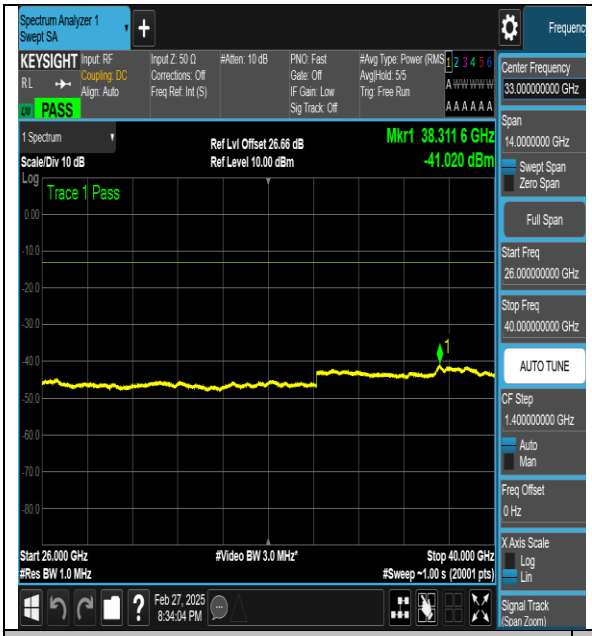
NTNV-DC_41A_n77A-3450-3550-PC2-30-5+100-M+H-N/A-N/A-DFT-QPSK-Edge_1RB_Right-1000-3000-PASS



NTNV-DC_41A_n77A-3450-3550-PC2-30-5+100-M+H-N/A-N/A-DFT-QPSK-Edge_1RB_Right-3000-6000-PASS



NTNV-DC_41A_n77A-3450-3550-PC2-30-5+100-M+H-N/A-N/A-DFT-QPSK-Edge_1RB_Right-6000-26000-PASS



NTNV-DC_41A_n77A-3450-3550-PC2-30-5+100-M+H-N/A-N/A-DFT-QPSK-Edge_1RB_Right-26000-40000-PASS	

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_41A_n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	1.630000	0.000472	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.670000	-0.001352	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.630000	-0.001051	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	1.780000	0.000515	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.960000	-0.000567	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	1.260000	0.000365	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.030000	-0.000294	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	1.070000	0.000306	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.330000	-0.001237	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	4.290000	0.001226	PASS
DC_41A_n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.320000	-0.000949	PASS
DC_41A_n77A-3	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.700000	-0.000771	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	2.990000	0.000843	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.760000	-0.000214	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.080000	-0.000305	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	3.110000	0.000877	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.080000	-0.000587	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.090000	-0.001718	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.570000	-0.000743	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.080000	-0.000891	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	5.020000	0.001452	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.710000	-0.001362	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.430000	-0.000703	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.260000	-0.001811	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.000000	-0.000286	PASS
DC_41A _n77A-3	30	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.320000	-0.000663	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.710000	-0.000774	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.990000	-0.000569	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.030000	-0.001151	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	0.770000	0.000220	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.420000	-0.000965	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	2.089999	0.000590	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.890000	-0.001945	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.340000	-0.000943	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.900000	-0.001101	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.140000	-0.001733	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.530000	-0.001598	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.360000	-0.002127	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.060000	-0.001751	PASS
DC_41A _n77A-3	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.470000	-0.000714	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.010000	-0.001737	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.090000	-0.001471	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.910000	-0.000831	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.820000	-0.000806	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.080000	-0.000309	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	1.440000	0.000411	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.970000	-0.001706	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	5.300000	0.001514	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-10.760000	-0.003040	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.890000	-0.000534	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.220000	-0.000345	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-5.440000	-0.001537	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.690000	-0.000195	PASS
DC_41A _n77A-3	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.640000	-0.001876	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.550000	-0.001890	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.770000	-0.000510	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.320000	-0.000958	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.140000	-0.000618	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.540000	-0.001887	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.220000	-0.001795	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-4.880000	-0.001394	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	3.410000	0.000974	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.330000	-0.000094	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.890000	-0.001397	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.710000	-0.000774	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.070000	-0.000877	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.170000	-0.002311	PASS
DC_41A _n77A-3	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.670000	-0.000472	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-4.990000	-0.001412	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.030000	-0.000291	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.560000	-0.001290	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.230000	-0.001762	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.850000	-0.000821	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-8.260000	-0.002380	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.720000	-0.001072	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.740000	-0.000790	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.610000	-0.000752	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.060000	-0.001458	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.170000	-0.000334	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.380000	-0.001823	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.900000	-0.000829	PASS
DC_41A _n77A-3	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	0.920000	0.000263	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.680000	-0.000766	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.730000	-0.001066	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	2.980000	0.000844	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	0.430000	0.000122	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-0.390000	-0.000110	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	1.260000	0.000357	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-5.060000	-0.001433	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.650000	-0.001317	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	0.680000	0.000196	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.480000	-0.000714	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.510000	-0.001873	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-9.170000	-0.002639	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.760000	-0.001658	PASS
DC_41A _n77A-3	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-8.020000	-0.002308	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	0.440000	0.000126	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.670000	-0.001620	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	1.960000	0.000560	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.750000	-0.000786	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.850000	-0.000529	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.880000	-0.000250	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.650000	-0.002454	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.240000	-0.000635	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.950000	-0.000837	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-8.020000	-0.002275	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-1.550000	-0.000440	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.320000	-0.001509	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.220000	-0.000638	PASS
DC_41A _n77A-3	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.940000	-0.000557	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.450000	-0.001279	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.500000	-0.001293	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.300000	-0.000086	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.680000	-0.001632	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.670000	-0.001049	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	0.760000	0.000217	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.990000	-0.000283	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.810000	-0.000803	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.960000	-0.001703	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.880000	-0.000823	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-7.190000	-0.002043	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.570000	-0.001013	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.470000	-0.002406	PASS
DC_41A _n77A-3	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-8.890000	-0.002526	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	1.570000	0.000446	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-14.100000	-0.004006	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.180000	-0.001773	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.590000	-0.002178	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	-2.890000	-0.000829	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	1.190000	0.000340	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	1.770000	0.000506	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.640000	-0.001326	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	-8.840000	-0.002526	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.830000	-0.000809	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	2.140000	0.000611	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	VL	NT	0.220000	0.000063	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.580000	-0.000450	PASS
DC_41A _n77A-3	30	5+70	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.230000	-0.001772	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.860000	-0.001098	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	-5.660000	-0.001610	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.630000	-0.001602	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.840000	-0.001100	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-9.030000	-0.002587	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.150000	-0.002049	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.610000	-0.001607	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.130000	-0.001183	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.170000	-0.001481	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.850000	-0.001957	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.800000	-0.000800	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.150000	-0.001186	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.800000	-0.001086	PASS
DC_41A _n77A-3	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.530000	-0.000437	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.300000	-0.001800	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	0.390000	0.000111	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.680000	-0.001618	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.650000	-0.001610	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.520000	-0.002142	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-5.660000	-0.001613	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.590000	-0.000453	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.660000	-0.002764	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.550000	-0.001302	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.870000	-0.000821	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.380000	-0.000681	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.210000	-0.001777	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.940000	-0.000269	PASS
DC_41A _n77A-3	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.580000	-0.001880	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.790000	-0.001654	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.320000	-0.001806	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.730000	-0.001351	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.830000	-0.001094	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.540000	-0.001011	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.280000	-0.000936	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.760000	-0.001073	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.359999	-0.002385	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-10.830000	-0.003090	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-9.370000	-0.002673	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-8.170000	-0.002331	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.580000	-0.001309	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-8.580000	-0.002451	PASS
DC_41A _n77A-3	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.760000	-0.000217	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.090000	-0.001169	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	1.230000	0.000351	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-2.600000	-0.000743	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-4.220000	-0.001206	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.010000	-0.002003	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-7.780000	-0.002223	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.560000	-0.001303	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.860000	-0.001674	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-7.070000	-0.002020	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-10.570000	-0.003020	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.950000	-0.001129	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-3.470000	-0.000990	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.390000	-0.000969	PASS
DC_41A _n77A-3	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.069999	-0.000591	PASS

450-3550										
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.700000	-0.001914	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.920000	-0.000556	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.610000	-0.000177	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	1.570000	0.000454	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-2.120000	-0.000614	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-3.340000	-0.000967	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	0.730000	0.000211	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	2.790000	0.000808	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-2.640000	-0.000764	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-0.930000	-0.000269	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.029999	-0.000588	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.870000	-0.001410	PASS
DC_41A	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	0.740000	0.000214	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-0.150000	-0.000043	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-0.580000	-0.000168	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	0.250000	0.000072	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-0.490000	-0.000142	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-3.020000	-0.000874	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-3.090000	-0.000894	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.290000	-0.000654	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.000000	-0.001143	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.680000	-0.001337	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	4.030000	0.001151	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-4.170000	-0.001191	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-5.580000	-0.001594	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-1.210000	-0.000346	PASS
DC_41A	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-1.630000	-0.000466	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-1.430000	-0.000409	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.960000	-0.001131	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.510000	-0.000717	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.630000	-0.000751	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-4.890000	-0.001397	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-0.050000	-0.000014	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-2.020000	-0.000577	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-4.290000	-0.001226	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	2.380000	0.000680	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-5.390000	-0.001540	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.420000	-0.001811	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.270000	-0.002615	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.540000	-0.000434	PASS
DC_41A	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-9.580000	-0.002702	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-1.280000	-0.000361	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-0.440000	-0.000124	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-3.720000	-0.001049	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	2.430000	0.000685	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-1.060000	-0.000299	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.580000	-0.001010	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.010000	-0.001131	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	0.920000	0.000260	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	2.560000	0.000722	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-3.030000	-0.000855	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-1.780000	-0.000501	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-1.320000	-0.000372	PASS
DC_41A _n77A-3 450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-4.980000	-0.001405	PASS
DC_41A	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-1.350000	-0.000381	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.630000	-0.001339	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.050000	-0.001171	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.030000	-0.000876	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-2.780000	-0.000804	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-7.540000	-0.002181	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-4.620000	-0.001336	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-7.700000	-0.002227	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-4.460000	-0.001290	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	2.400000	0.000694	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.820000	-0.001973	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.140000	-0.001487	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.850000	-0.001692	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	1.270000	0.000367	PASS
DC_41A	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-1.660000	-0.000480	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-4.010000	-0.001160	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-6.990000	-0.002022	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-0.150000	-0.000043	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-1.100000	-0.000318	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.990000	-0.000569	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.300000	-0.001229	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.690000	-0.000483	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	-3.140000	-0.000897	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-7.070000	-0.002020	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-4.960000	-0.001417	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-3.090000	-0.000883	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-4.740000	-0.001354	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	2.350000	0.000671	PASS
DC_41A	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	1.340000	0.000383	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.620000	-0.001034	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.590000	-0.001597	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	0.700000	0.000200	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-8.750000	-0.002500	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-3.450000	-0.000985	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-4.059999	-0.001160	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-5.400000	-0.001543	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	0.120000	0.000034	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.310000	-0.000370	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.540000	-0.000152	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.030000	-0.000291	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-3.990000	-0.001126	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-3.250000	-0.000917	PASS
DC_41A	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-1.200000	-0.000339	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-4.280000	-0.001208	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-8.540000	-0.002411	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-4.360000	-0.001231	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	0.300000	0.000085	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.100000	-0.001440	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.900000	-0.000819	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-5.630000	-0.001589	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-5.130000	-0.001448	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-9.390000	-0.002651	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-3.860000	-0.001090	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-6.160000	-0.001739	PASS
DC_41A _n77A-3 450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-3.390000	-0.000957	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.830000	-0.002841	PASS
DC_41A	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.940000	-0.000272	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	0.640000	0.000185	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-5.190000	-0.001500	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-4.200000	-0.001214	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-1.300000	-0.000376	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-0.830000	-0.000240	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-4.390000	-0.001269	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-4.550000	-0.001315	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.000000	-0.000867	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.680000	-0.001642	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.590000	-0.001038	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-7.590000	-0.002194	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-3.340000	-0.000965	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-2.150000	-0.000621	PASS
DC_41A	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-4.130000	-0.001194	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-2.130000	-0.000616	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-2.770000	-0.000801	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.690000	-0.001626	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	1.180000	0.000337	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.640000	-0.000754	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-4.820000	-0.001377	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	1.040000	0.000297	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-4.090000	-0.001169	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-9.470000	-0.002706	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-2.330000	-0.000666	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	0.140000	0.000040	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.530000	-0.000437	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.130000	-0.000894	PASS
DC_41A	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.480000	-0.000423	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-2.970000	-0.000849	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-4.400000	-0.001257	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-0.760000	-0.000217	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-4.050000	-0.001157	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-1.150000	-0.000329	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	2.290000	0.000654	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.690000	-0.001042	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	1.310000	0.000370	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.940000	-0.000548	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-3.480000	-0.000982	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-3.900000	-0.001102	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-4.179999	-0.001181	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-0.160000	-0.000045	PASS
DC_41A	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-2.380000	-0.000672	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-4.500000	-0.001271	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.200000	-0.000621	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.540000	-0.000718	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.390000	-0.000675	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-4.600000	-0.001299	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-6.470000	-0.001828	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-6.760000	-0.001910	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-6.300000	-0.001780	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	0.740000	0.000209	PASS
DC_41A _n77A-3 450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-5.840000	-0.001650	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.230000	-0.002375	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.460000	-0.000710	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.320000	-0.000381	PASS
DC_41A	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-3.530000	-0.001018	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-5.200000	-0.001501	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-5.850000	-0.001688	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-3.250000	-0.000938	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-2.390000	-0.000690	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-8.189999	-0.002364	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-0.350000	-0.000101	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.730000	-0.000499	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.950000	-0.000851	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-2.780000	-0.000802	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-7.210000	-0.002081	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-3.300000	-0.000952	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-3.080000	-0.000889	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-2.580000	-0.000745	PASS
DC_41A	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-3.830000	-0.001105	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.420000	-0.000691	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.370000	-0.001249	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.900000	-0.000257	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-1.110000	-0.000317	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-3.610000	-0.001031	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-4.030000	-0.001151	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-2.610000	-0.000746	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	2.140000	0.000611	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	0.920000	0.000263	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.630000	-0.000466	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.260000	-0.000360	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-6.320000	-0.001806	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	0.780000	0.000223	PASS
DC_41A	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-3.610000	-0.001031	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-0.230000	-0.000066	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-0.360000	-0.000103	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-3.540000	-0.001011	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-5.320000	-0.001520	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.380000	-0.000673	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-5.920000	-0.001675	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.230000	-0.000065	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	3.180000	0.000900	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-2.880000	-0.000815	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-7.860000	-0.002223	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	0.280000	0.000079	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-6.360000	-0.001799	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	2.029999	0.000574	PASS
DC_41A	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.040000	-0.001709	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.060000	-0.000583	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.810000	-0.002209	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-5.530000	-0.001564	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-0.920000	-0.000260	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-2.630000	-0.000744	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-5.100000	-0.001443	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-4.860000	-0.001375	PASS
DC_41A _n77A-3 450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-2.130000	-0.000603	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	1.030000	0.000297	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.160000	-0.000046	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.950000	-0.000274	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-0.900000	-0.000259	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-4.330000	-0.001248	PASS
DC_41A	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-3.470000	-0.001000	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-1.460000	-0.000421	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-1.710000	-0.000492	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-2.770000	-0.000798	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-8.780000	-0.002530	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.080000	-0.000599	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.220000	-0.001216	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-2.470000	-0.000712	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-1.480000	-0.000427	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-2.770000	-0.000798	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-5.050000	-0.001455	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-1.630000	-0.000470	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	1.210000	0.000349	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	2.970000	0.000849	PASS
DC_41A	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.560000	-0.000731	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	4.130000	0.001180	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-3.070000	-0.000877	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-5.980000	-0.001709	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-1.460000	-0.000417	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-2.390000	-0.000683	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	1.690000	0.000483	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-2.340000	-0.000669	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.620000	-0.000463	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.059999	-0.001160	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	0.200000	0.000057	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-4.520000	-0.001291	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	0.170000	0.000049	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	1.000000	0.000286	PASS
DC_41A	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-1.070000	-0.000306	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-2.120000	-0.000606	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	3.700000	0.001057	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.860000	-0.001093	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	1.530000	0.000433	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.980000	-0.000278	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-3.230000	-0.000915	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	3.320000	0.000941	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	1.510000	0.000428	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-0.310000	-0.000088	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	3.680000	0.001042	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-9.210000	-0.002609	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	0.960000	0.000272	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.750000	-0.000496	PASS
DC_41A	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.370000	-0.001805	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-0.530000	-0.000150	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	1.800000	0.000510	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-0.060000	-0.000017	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-7.490000	-0.002122	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-1.410000	-0.000399	PASS
DC_41A _n77A-3 450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-5.650000	-0.001601	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.730000	-0.001361	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.690000	-0.002788	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.400000	-0.001554	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	-8.960000	-0.002578	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-3.870000	-0.001114	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-3.360000	-0.000967	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	-9.990000	-0.002875	PASS
DC_41A	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	-4.099999	-0.001180	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	1.020000	0.000294	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	2.790000	0.000803	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-3.350000	-0.000964	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.550000	-0.001309	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-1.850000	-0.000532	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-5.860000	-0.001686	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-6.870000	-0.001977	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-1.630000	-0.000469	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-7.940000	-0.002285	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-5.830000	-0.001678	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.800000	-0.002229	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.160000	-0.000617	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.210000	-0.001203	PASS
DC_41A	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-1.880000	-0.000537	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	-1.140000	-0.000326	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-0.590000	-0.000169	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-6.980000	-0.001994	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-6.200000	-0.001771	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-1.730000	-0.000494	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.240000	-0.000354	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.510000	-0.001003	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.660000	-0.000760	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	1.280000	0.000366	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-4.580000	-0.001309	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-4.630000	-0.001323	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-7.680000	-0.002194	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-1.630000	-0.000466	PASS
DC_41A	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-4.090000	-0.001169	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-10.410000	-0.002953	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.260000	-0.000641	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.610000	-0.001591	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-2.510000	-0.000712	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-8.210000	-0.002329	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-1.170000	-0.000332	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-6.140000	-0.001742	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-5.370000	-0.001523	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-3.590000	-0.001018	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.900000	-0.000823	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.590000	-0.000451	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.580000	-0.001299	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-7.740000	-0.002196	PASS
DC_41A	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	0.650000	0.000184	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-5.380000	-0.001526	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-6.160000	-0.001748	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-7.070000	-0.002006	PASS
DC_41A _n77A-3 450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-2.270000	-0.000644	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.630000	-0.002480	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.640000	-0.001333	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.520000	-0.000724	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	1.350000	0.000388	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-3.180000	-0.000914	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-1.840000	-0.000529	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-5.540000	-0.001592	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-5.440000	-0.001563	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-6.390000	-0.001836	PASS
DC_41A	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.290000	-0.000945	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.340000	-0.000672	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-7.970000	-0.002290	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-0.690000	-0.000198	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-6.210000	-0.001784	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-5.260000	-0.001511	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-0.780000	-0.000224	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-2.970000	-0.000853	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-2.100000	-0.000603	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-5.660000	-0.001617	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.120000	-0.000034	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.330000	-0.001237	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	0.770000	0.000220	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-2.150000	-0.000614	PASS
DC_41A	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-2.180000	-0.000623	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-3.600000	-0.001029	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-3.710000	-0.001060	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-5.140000	-0.001469	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.140000	-0.001754	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.920000	-0.001406	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.740000	-0.001069	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-5.180000	-0.001480	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-3.190000	-0.000911	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-0.660000	-0.000189	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-1.490000	-0.000426	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-4.880000	-0.001394	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-1.190000	-0.000340	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-5.230000	-0.001486	PASS
DC_41A	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.570000	-0.000730	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.470000	-0.002122	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-2.260000	-0.000642	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-5.140000	-0.001460	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-3.710000	-0.001054	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-3.820000	-0.001085	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-4.790000	-0.001361	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-8.550000	-0.002429	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.320000	-0.001795	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.160000	-0.001750	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.620000	-0.003017	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-6.460000	-0.001835	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-10.410000	-0.002957	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-4.059999	-0.001153	PASS
DC_41A	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-8.330000	-0.002366	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-6.400000	-0.001818	PASS
DC_41A _n77A-3 450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-1.840000	-0.000523	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-30	-4.760000	-0.001366	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.490000	-0.001575	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.670000	-0.001340	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	0	-5.000000	-0.001435	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	10	-4.260000	-0.001222	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	20	-0.430000	-0.000123	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	30	-5.840000	-0.001676	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	40	-1.330000	-0.000382	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	50	-7.080000	-0.002032	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.400000	-0.001257	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-20	-5.720000	-0.001634	PASS
DC_41A	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.360000	-0.000674	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	0	-4.980000	-0.001423	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	10	-4.190000	-0.001197	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	20	-5.660000	-0.001617	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	30	-5.200000	-0.001486	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	40	-1.390000	-0.000397	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	50	-0.660000	-0.000189	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.210000	-0.001203	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.470000	-0.000990	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.450000	-0.001271	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	0	-4.099999	-0.001171	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	10	-1.330000	-0.000380	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	20	-9.050000	-0.002586	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	30	-1.890000	-0.000540	PASS
DC_41A	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	40	-8.570000	-0.002449	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	50	-0.180000	-0.000051	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.610000	-0.001027	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.790000	-0.000509	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.360000	-0.000387	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	0	-2.500000	-0.000711	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	10	-4.170000	-0.001186	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	20	-1.280000	-0.000364	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	30	-1.700000	-0.000484	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	40	-2.290000	-0.000651	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-QPSK	M+H	Outer_Full	NV	50	-3.580000	-0.001018	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.990000	-0.000851	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.760000	-0.001923	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-10	-1.300000	-0.000370	PASS
DC_41A	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	0	-4.620000	-0.001314	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	10	-4.560000	-0.001297	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	20	-2.220000	-0.000632	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	30	-6.180000	-0.001758	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	40	-2.720000	-0.000774	PASS
DC_41A _n77A-3 450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	50	-5.170000	-0.001471	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	0.210000	0.000060	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-6.070000	-0.001739	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.330000	-0.001241	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-10.580000	-0.003032	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-7.240000	-0.002075	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-7.150000	-0.002049	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-9.350000	-0.002679	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-8.390000	-0.002404	PASS
DC_41A	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-4.380000	-0.001255	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.430000	-0.000982	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.220000	-0.000350	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-9.250000	-0.002650	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-5.520000	-0.001582	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-2.940000	-0.000842	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-7.060000	-0.002023	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-8.740000	-0.002504	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-5.010000	-0.001436	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-9.720000	-0.002785	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.780000	-0.000794	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.660000	-0.002189	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.960000	-0.000846	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-0.920000	-0.000263	PASS
DC_41A	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-5.070000	-0.001449	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-0.980000	-0.000280	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-8.199999	-0.002343	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-1.210000	-0.000346	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-0.950000	-0.000271	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.670000	-0.000477	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.830000	-0.001666	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.760000	-0.001074	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-5.720000	-0.001634	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-2.910000	-0.000831	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-8.670000	-0.002477	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-5.550000	-0.001586	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-1.810000	-0.000517	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-5.600000	-0.001600	PASS
DC_41A	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-5.240000	-0.001493	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.700000	-0.000199	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.970000	-0.001701	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-5.630000	-0.001604	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-6.070000	-0.001729	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-3.540000	-0.001008	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-2.460000	-0.000701	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-5.840000	-0.001664	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-2.550000	-0.000726	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.750000	-0.001353	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.200000	-0.001481	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.580000	-0.000165	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-7.550000	-0.002151	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-7.560000	-0.002154	PASS
DC_41A	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-5.290000	-0.001507	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-4.570000	-0.001302	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-3.640000	-0.001037	PASS
DC_41A _n77A-3 450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-2.280000	-0.000650	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.400000	-0.000973	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.340000	-0.000670	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.050000	-0.000873	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	-4.220000	-0.001207	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-7.870000	-0.002252	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-7.400000	-0.002117	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-1.850000	-0.000529	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-8.410000	-0.002406	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	-0.400000	-0.000114	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.520000	-0.001579	PASS
DC_41A	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.890000	-0.001685	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.780000	-0.001368	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-8.109999	-0.002320	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-7.320000	-0.002094	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-2.390000	-0.000684	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	-4.350000	-0.001245	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	-5.380000	-0.001539	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	-6.680000	-0.001911	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	-6.280000	-0.001794	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.240000	-0.002069	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.460000	-0.002417	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-2.890000	-0.000826	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	-8.039999	-0.002297	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	-4.160000	-0.001189	PASS
DC_41A	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-6.740000	-0.001926	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-3.330000	-0.000951	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	0.220000	0.000063	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.510000	-0.002146	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.830000	-0.001666	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-6.180000	-0.001766	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-3.500000	-0.001000	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-4.940000	-0.001411	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-7.340000	-0.002097	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-3.730000	-0.001066	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-3.070000	-0.000877	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	-3.690000	-0.001054	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-5.940000	-0.001695	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-5.750000	-0.001641	PASS
DC_41A	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.850000	-0.002240	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-8.720000	-0.002488	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-9.660000	-0.002756	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-3.900000	-0.001113	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	-4.220000	-0.001204	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-6.160000	-0.001757	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-6.720000	-0.001917	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-7.000000	-0.001997	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.710000	-0.002485	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.840000	-0.002237	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-7.270000	-0.002074	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-5.450000	-0.001555	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-9.040000	-0.002579	PASS
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	-4.510000	-0.001287	PASS
DC_41A	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-6.500000	-0.001854	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-7.840000	-0.002237	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-6.220000	-0.001777	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-6.120000	-0.001749	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.280000	-0.001794	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-4.380000	-0.001251	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-4.150000	-0.001186	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-2.670000	-0.000763	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-1.040000	-0.000297	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-2.110000	-0.000603	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	0.060000	0.000017	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.350000	-0.000957	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.250000	-0.001214	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.600000	-0.001029	PASS
DC_41A	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-0.950000	-0.000271	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-5.800000	-0.001657	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-5.860000	-0.001674	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-4.019999	-0.001149	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-1.460000	-0.000417	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-0.100000	-0.000029	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.700000	-0.001343	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-1.320000	-0.000377	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.550000	-0.001871	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-5.220000	-0.001491	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-5.940000	-0.001697	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-3.570000	-0.001020	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-8.680000	-0.002480	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-1.440000	-0.000411	PASS
DC_41A	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-3.070000	-0.000877	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.040000	-0.000869	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.050000	-0.001157	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-8.080000	-0.002309	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-3.970000	-0.001134	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-6.930000	-0.001980	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-2.340000	-0.000669	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-6.490000	-0.001854	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-1.350000	-0.000386	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-3.840000	-0.001097	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	0.070000	0.000020	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.240000	-0.000640	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.750000	-0.001071	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-4.090000	-0.001169	PASS
DC_41A	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-3.630000	-0.001037	PASS

_n77A-3 450-3550										
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-7.650000	-0.002186	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-6.090000	-0.001740	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-3.170000	-0.000906	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-5.570000	-0.001591	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.420000	-0.002406	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.320000	-0.001806	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.750000	-0.001357	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-6.200000	-0.001771	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-9.080000	-0.002594	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-5.240000	-0.001497	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	-4.230000	-0.001209	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-5.370000	-0.001534	PASS
DC_41A _n77A-3 450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-6.590000	-0.001883	PASS