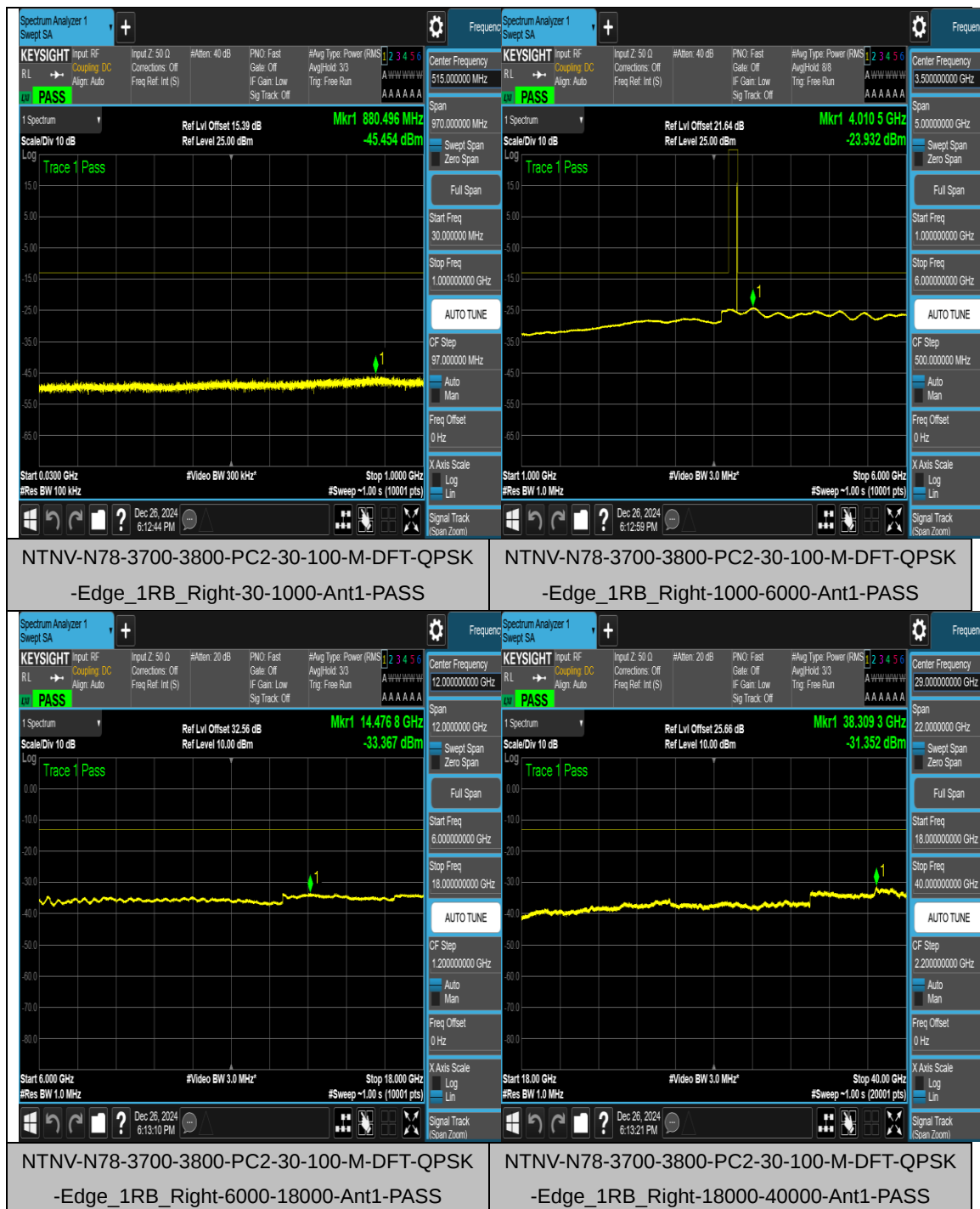
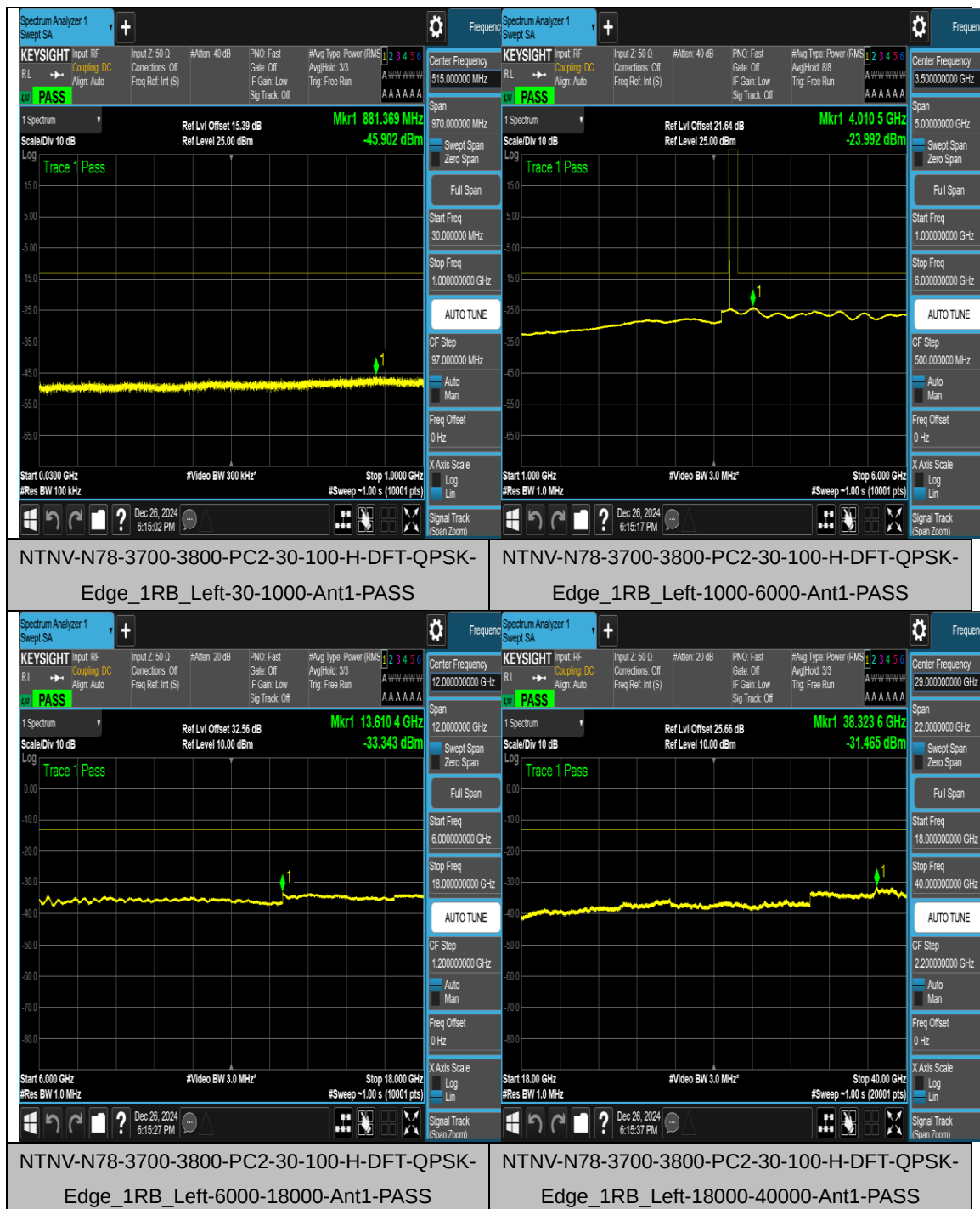




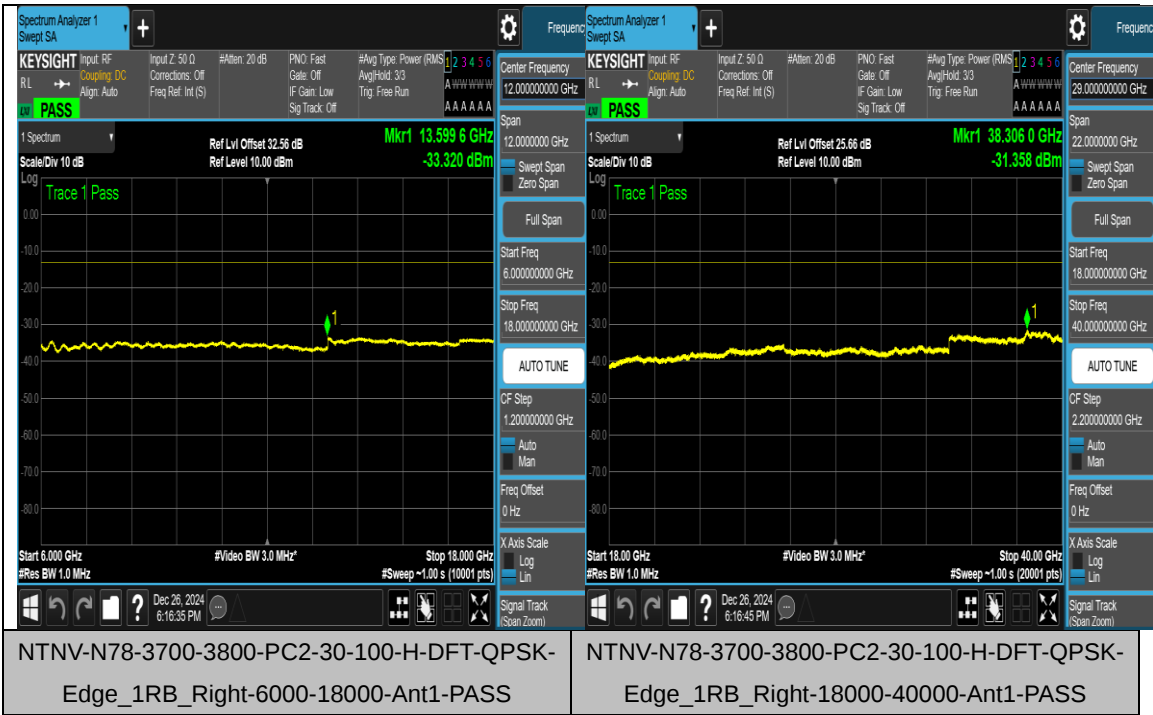












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	VL	NT	-10.390000	-0.002804	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-13.360000	-0.003606	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-8.920000	-0.002408	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	VL	NT	-14.670000	-0.003960	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	VN	NT	-16.600000	-0.004480	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	VH	NT	-11.050000	-0.002982	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-13.060000	-0.003483	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-9.370000	-0.002499	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-13.650000	-0.003640	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	VL	NT	-11.460000	-0.003056	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	VN	NT	-9.980000	-0.002661	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	VH	NT	-13.430000	-0.003581	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-9.170000	-0.002416	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	VN	NT	-11.300000	-0.002978	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	VH	NT	-16.540000	-0.004358	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	VL	NT	-10.200000	-0.002688	PASS
N78-370	30	10	DFT-16QAM	H	Outer_Full	VN	NT	-9.860000	-0.002598	PASS

0-3800										
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	VH	NT	-11.950000	-0.003149	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-14.310000	-0.003860	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	VN	NT	-10.050000	-0.002711	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-8.880000	-0.002395	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	VL	NT	-11.730000	-0.003164	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	VN	NT	-14.270000	-0.003849	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	VH	NT	-12.700000	-0.003425	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-12.800000	-0.003413	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-9.360000	-0.002496	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-9.270000	-0.002472	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	VL	NT	-10.780000	-0.002875	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	VN	NT	-13.410000	-0.003576	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	VH	NT	-17.260000	-0.004603	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	VL	NT	-7.810000	-0.002059	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	VN	NT	-12.580000	-0.003317	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-5.520000	-0.001456	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	VL	NT	-12.870000	-0.003394	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	VN	NT	-12.430000	-0.003278	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	VH	NT	-11.830000	-0.003119	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-11.890000	-0.003205	PASS
N78-370	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-6.660000	-0.001795	PASS

0-3800										
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-9.540000	-0.002571	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-14.990000	-0.004040	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-13.630000	-0.003674	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-12.820000	-0.003456	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-11.160000	-0.002976	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-12.470000	-0.003325	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-7.800000	-0.002080	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-10.230000	-0.002728	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-9.330000	-0.002488	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-14.740000	-0.003930	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-16.000000	-0.004222	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-12.830000	-0.003385	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-9.260000	-0.002443	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	VL	NT	-14.110000	-0.003723	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-12.770000	-0.003369	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	VH	NT	-15.410000	-0.004066	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-9.040000	-0.002430	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-7.650000	-0.002056	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-10.760000	-0.002892	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-10.350000	-0.002782	PASS
N78-370	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-14.830000	-0.003987	PASS

0-3800										
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	VH	NT	-14.570000	-0.003917	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-11.910000	-0.003176	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-12.300000	-0.003280	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-16.100000	-0.004293	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-6.650000	-0.001773	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-9.320000	-0.002485	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-10.340000	-0.002757	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-11.360000	-0.003005	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-11.690000	-0.003093	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-12.350000	-0.003267	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-8.750000	-0.002315	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-8.540000	-0.002259	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-15.010000	-0.003970	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-9.460000	-0.002540	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-9.200000	-0.002470	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-13.450000	-0.003611	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-12.640000	-0.003393	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-12.360000	-0.003318	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	VH	NT	-15.300000	-0.004107	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-12.830000	-0.003421	PASS
N78-370	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-14.880000	-0.003968	PASS

0-3800										
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-8.850000	-0.002360	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-14.160000	-0.003776	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-9.910000	-0.002643	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-12.610000	-0.003363	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-4.810000	-0.001274	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-8.320000	-0.002204	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-9.840000	-0.002607	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-12.470000	-0.003303	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-9.490000	-0.002514	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-11.030000	-0.002922	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-12.540000	-0.003362	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-9.910000	-0.002657	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-9.130000	-0.002448	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-11.680000	-0.003131	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-12.230000	-0.003279	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-9.810000	-0.002630	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-14.010000	-0.003736	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-9.970000	-0.002659	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-11.110000	-0.002963	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-15.330000	-0.004087	PASS
N78-370	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-14.020000	-0.003739	PASS

0-3800										
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-17.160000	-0.004576	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-15.070000	-0.003996	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-13.620000	-0.003613	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-7.030000	-0.001865	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-9.230000	-0.002448	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-14.820000	-0.003930	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-14.040000	-0.003724	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-8.980000	-0.002404	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-7.640000	-0.002046	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-8.790000	-0.002353	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-13.040000	-0.003491	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-12.170000	-0.003258	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-9.380000	-0.002511	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-15.980000	-0.004261	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-10.040000	-0.002677	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-11.250000	-0.003000	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-11.070000	-0.002952	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-14.260000	-0.003803	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-10.520000	-0.002805	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-12.580000	-0.003341	PASS
N78-370	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-14.000000	-0.003718	PASS

0-3800										
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-10.030000	-0.002664	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-12.730000	-0.003381	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-13.290000	-0.003530	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-9.100000	-0.002417	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-15.610000	-0.004174	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-10.650000	-0.002848	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-11.660000	-0.003118	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-8.520000	-0.002278	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-12.440000	-0.003326	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-11.290000	-0.003019	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-11.360000	-0.003029	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-13.610000	-0.003629	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-10.040000	-0.002677	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-10.680000	-0.002848	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-10.050000	-0.002680	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-13.010000	-0.003469	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-10.850000	-0.002886	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-12.390000	-0.003295	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-10.810000	-0.002875	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-13.600000	-0.003617	PASS
N78-370	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-10.560000	-0.002809	PASS

0-3800										
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-16.520000	-0.004394	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-9.290000	-0.002481	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-14.550000	-0.003885	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-8.880000	-0.002371	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-9.950000	-0.002657	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-14.210000	-0.003794	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-10.040000	-0.002681	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-11.710000	-0.003123	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-14.600000	-0.003893	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-7.460000	-0.001988	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-13.880000	-0.003701	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-10.340000	-0.002757	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-11.130000	-0.002968	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-13.180000	-0.003510	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-8.460000	-0.002253	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-15.070000	-0.004013	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-2.370000	-0.000631	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-13.910000	-0.003704	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-16.160000	-0.004304	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-7.170000	-0.001912	PASS
N78-370	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-11.810000	-0.003149	PASS

0-3800										
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-12.570000	-0.003352	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-10.730000	-0.002861	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-16.500000	-0.004400	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-14.910000	-0.003976	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-13.640000	-0.003637	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-10.770000	-0.002872	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-11.530000	-0.003075	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-12.330000	-0.003288	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-8.610000	-0.002296	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-9.900000	-0.002640	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-9.620000	-0.002565	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-14.990000	-0.003996	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-17.860000	-0.004763	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-11.750000	-0.003133	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-14.700000	-0.003920	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-16.320000	-0.004352	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	-30	-10.000000	-0.002699	PASS
N78-370	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-11.610000	-0.003134	PASS

0-3800										
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-13.690000	-0.003695	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	0	-13.400000	-0.003617	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	10	-13.150000	-0.003549	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	20	-11.060000	-0.002985	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	30	-12.370000	-0.003339	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	40	-7.120000	-0.001922	PASS
N78-370 0-3800	30	10	DFT-QPSK	L	Outer_Full	NV	50	-8.490000	-0.002292	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	-30	-15.090000	-0.004073	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	-20	-10.270000	-0.002772	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	-10	-9.380000	-0.002532	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	0	-13.820000	-0.003730	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	10	-12.220000	-0.003298	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	20	-13.140000	-0.003547	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	30	-6.320000	-0.001706	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	40	-12.370000	-0.003339	PASS
N78-370 0-3800	30	10	DFT-16QAM	L	Outer_Full	NV	50	-11.600000	-0.003131	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-12.640000	-0.003371	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-12.370000	-0.003299	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-9.110000	-0.002429	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	0	-13.960000	-0.003723	PASS
N78-370	30	10	DFT-QPSK	M	Outer_Full	NV	10	-10.500000	-0.002800	PASS

0-3800										
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	20	-14.000000	-0.003733	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	30	-9.670000	-0.002579	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	40	-6.470000	-0.001725	PASS
N78-370 0-3800	30	10	DFT-QPSK	M	Outer_Full	NV	50	-13.990000	-0.003731	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	-30	-13.890000	-0.003704	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	-20	-15.170000	-0.004045	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	-10	-14.910000	-0.003976	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	0	-12.420000	-0.003312	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	10	-15.480000	-0.004128	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	20	-13.150000	-0.003507	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	30	-14.630000	-0.003901	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	40	-12.540000	-0.003344	PASS
N78-370 0-3800	30	10	DFT-16QAM	M	Outer_Full	NV	50	-15.220000	-0.004059	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-9.190000	-0.002422	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-11.560000	-0.003046	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-10.820000	-0.002851	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	0	-6.330000	-0.001668	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	10	-4.290000	-0.001130	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	20	-13.680000	-0.003605	PASS
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	30	-6.810000	-0.001794	PASS
N78-370	30	10	DFT-QPSK	H	Outer_Full	NV	40	-12.560000	-0.003310	PASS

0-3800										
N78-370 0-3800	30	10	DFT-QPSK	H	Outer_Full	NV	50	-10.700000	-0.002820	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	-30	-10.720000	-0.002825	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	-20	-10.030000	-0.002643	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	-10	-19.150000	-0.005046	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	0	-11.230000	-0.002959	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	10	-13.530000	-0.003565	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	20	-16.930000	-0.004461	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	30	-15.540000	-0.004094	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	40	-12.870000	-0.003391	PASS
N78-370 0-3800	30	10	DFT-16QAM	H	Outer_Full	NV	50	-13.410000	-0.003534	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	-30	-9.640000	-0.002600	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-11.630000	-0.003137	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-8.310000	-0.002241	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	0	-13.600000	-0.003668	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	10	-9.450000	-0.002549	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	20	-12.810000	-0.003455	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	30	-11.930000	-0.003218	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	40	-9.030000	-0.002436	PASS
N78-370 0-3800	30	15	DFT-QPSK	L	Outer_Full	NV	50	-6.700000	-0.001807	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	-30	-12.800000	-0.003452	PASS
N78-370	30	15	DFT-16QAM	L	Outer_Full	NV	-20	-10.350000	-0.002792	PASS

0-3800										
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	-10	-13.280000	-0.003582	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	0	-11.400000	-0.003075	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	10	-10.560000	-0.002848	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	20	-17.480000	-0.004715	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	30	-9.040000	-0.002438	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	40	-10.810000	-0.002916	PASS
N78-370 0-3800	30	15	DFT-16QAM	L	Outer_Full	NV	50	-9.890000	-0.002668	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-12.460000	-0.003323	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-7.570000	-0.002019	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-11.600000	-0.003093	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	0	-7.540000	-0.002011	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	10	-9.630000	-0.002568	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	20	-5.640000	-0.001504	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	30	-8.840000	-0.002357	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	40	-9.880000	-0.002635	PASS
N78-370 0-3800	30	15	DFT-QPSK	M	Outer_Full	NV	50	-9.990000	-0.002664	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	-30	-15.460000	-0.004123	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	-20	-11.850000	-0.003160	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	-10	-15.660000	-0.004176	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	0	-15.570000	-0.004152	PASS
N78-370	30	15	DFT-16QAM	M	Outer_Full	NV	10	-9.680000	-0.002581	PASS

0-3800										
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	20	-12.240000	-0.003264	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	30	-11.710000	-0.003123	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	40	-6.670000	-0.001779	PASS
N78-370 0-3800	30	15	DFT-16QAM	M	Outer_Full	NV	50	-9.070000	-0.002419	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-20.570000	-0.005424	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	-20	-14.020000	-0.003697	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-12.010000	-0.003167	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	0	-9.750000	-0.002571	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	10	-16.219999	-0.004277	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	20	-13.700000	-0.003612	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	30	-16.059999	-0.004235	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	40	-10.320000	-0.002721	PASS
N78-370 0-3800	30	15	DFT-QPSK	H	Outer_Full	NV	50	-10.140000	-0.002674	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	-30	-15.570000	-0.004105	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	-20	-16.940000	-0.004467	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	-10	-16.250000	-0.004285	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	0	-8.900000	-0.002347	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	10	-11.100000	-0.002927	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	20	-12.090000	-0.003188	PASS
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	30	-11.000000	-0.002900	PASS
N78-370	30	15	DFT-16QAM	H	Outer_Full	NV	40	-8.480000	-0.002236	PASS

0-3800										
N78-370 0-3800	30	15	DFT-16QAM	H	Outer_Full	NV	50	-13.970000	-0.003684	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-13.830000	-0.003728	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-12.060000	-0.003251	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-8.760000	-0.002361	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	0	-9.000000	-0.002426	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	10	-9.030000	-0.002434	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	20	-13.470000	-0.003631	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	30	-8.220000	-0.002216	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	40	-10.850000	-0.002925	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	50	-8.310000	-0.002240	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-7.570000	-0.002040	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-14.240000	-0.003838	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-14.290000	-0.003852	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	0	-9.320000	-0.002512	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	10	-11.090000	-0.002989	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	20	-12.290000	-0.003313	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	30	-5.620000	-0.001515	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	40	-10.020000	-0.002701	PASS
N78-370 0-3800	30	20	DFT-16QAM	L	Outer_Full	NV	50	-12.210000	-0.003291	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-10.440000	-0.002784	PASS
N78-370	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-12.430000	-0.003315	PASS

0-3800										
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-8.420000	-0.002245	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	0	-4.460000	-0.001189	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	10	-9.840000	-0.002624	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	20	-16.410000	-0.004376	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	30	-9.160000	-0.002443	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	40	-18.990000	-0.005064	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	50	-15.530000	-0.004141	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-7.430000	-0.001981	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-12.750000	-0.003400	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-13.360000	-0.003563	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	0	-19.500000	-0.005200	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	10	-10.270000	-0.002739	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	20	-13.830000	-0.003688	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	30	-19.320000	-0.005152	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	40	-12.740000	-0.003397	PASS
N78-370 0-3800	30	20	DFT-16QAM	M	Outer_Full	NV	50	-12.420000	-0.003312	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-12.820000	-0.003383	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-13.480000	-0.003557	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-9.500000	-0.002507	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	0	-8.660000	-0.002285	PASS
N78-370	30	20	DFT-QPSK	H	Outer_Full	NV	10	-13.760000	-0.003631	PASS

0-3800										
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	20	-15.790000	-0.004166	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	30	-9.960000	-0.002628	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	40	-9.180000	-0.002422	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	50	-13.410000	-0.003538	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-9.790000	-0.002583	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-14.030000	-0.003702	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-8.610000	-0.002272	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	0	-11.840000	-0.003124	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	10	-7.560000	-0.001994	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	20	-10.960000	-0.002892	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	30	-15.360000	-0.004053	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	40	-14.780000	-0.003900	PASS
N78-370 0-3800	30	20	DFT-16QAM	H	Outer_Full	NV	50	-9.720000	-0.002565	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-10.780000	-0.002898	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-12.290000	-0.003304	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-10.350000	-0.002782	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	0	-8.420000	-0.002263	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	10	-4.840000	-0.001301	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	20	-10.640000	-0.002860	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	30	-16.010000	-0.004304	PASS
N78-370	30	40	DFT-QPSK	L	Outer_Full	NV	40	-8.670000	-0.002331	PASS

0-3800										
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	50	-5.890000	-0.001583	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-16.010000	-0.004304	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-9.600000	-0.002581	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	-10	-11.600000	-0.003118	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	0	-12.010000	-0.003228	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	10	-11.320000	-0.003043	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	20	-11.210000	-0.003013	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	30	-8.840000	-0.002376	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	40	-9.360000	-0.002516	PASS
N78-370 0-3800	30	40	DFT-16QAM	L	Outer_Full	NV	50	-13.690000	-0.003680	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-8.010000	-0.002136	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-16.070000	-0.004285	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-13.260000	-0.003536	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	0	-11.670000	-0.003112	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	10	-15.940000	-0.004251	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	20	-12.370000	-0.003299	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	30	-12.300000	-0.003280	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	40	-13.710000	-0.003656	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	50	-12.160000	-0.003243	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-12.570000	-0.003352	PASS
N78-370	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-12.210000	-0.003256	PASS

0-3800										
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-10.640000	-0.002837	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	0	-8.930000	-0.002381	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	10	-10.020000	-0.002672	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	20	-13.430000	-0.003581	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	30	-9.560000	-0.002549	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	40	-15.980000	-0.004261	PASS
N78-370 0-3800	30	40	DFT-16QAM	M	Outer_Full	NV	50	-11.070000	-0.002952	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-14.740000	-0.003899	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-11.860000	-0.003138	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-8.670000	-0.002294	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	0	-14.160000	-0.003746	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	10	-8.340000	-0.002206	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	20	-12.470000	-0.003299	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	30	-11.250000	-0.002976	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	40	-12.400000	-0.003280	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	50	-10.380000	-0.002746	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-10.650000	-0.002817	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-9.860000	-0.002608	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	-10	-7.790000	-0.002061	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	0	-8.490000	-0.002246	PASS
N78-370	30	40	DFT-16QAM	H	Outer_Full	NV	10	-13.520000	-0.003577	PASS

0-3800										
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	20	-18.160000	-0.004804	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	30	-12.530000	-0.003315	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	40	-15.810000	-0.004183	PASS
N78-370 0-3800	30	40	DFT-16QAM	H	Outer_Full	NV	50	-11.120000	-0.002942	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-9.790000	-0.002628	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-13.110000	-0.003519	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-13.540000	-0.003635	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	0	-13.900000	-0.003732	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	10	-9.400000	-0.002523	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	20	-8.440000	-0.002266	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	30	-13.670000	-0.003670	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	40	-15.000000	-0.004027	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	50	-13.940000	-0.003742	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-16.730000	-0.004491	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-10.070000	-0.002703	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-11.290000	-0.003031	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	0	-13.230000	-0.003552	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	10	-13.160000	-0.003533	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	20	-11.710000	-0.003144	PASS
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	30	-12.500000	-0.003356	PASS
N78-370	30	50	DFT-16QAM	L	Outer_Full	NV	40	-12.550000	-0.003369	PASS

0-3800										
N78-370 0-3800	30	50	DFT-16QAM	L	Outer_Full	NV	50	-15.770000	-0.004234	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-10.200000	-0.002720	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-18.680000	-0.004981	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-12.760000	-0.003403	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	0	-12.490000	-0.003331	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	10	-17.090000	-0.004557	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	20	-11.460000	-0.003056	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	30	-16.610000	-0.004429	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	40	-13.760000	-0.003669	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	50	-15.010000	-0.004002	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-11.520000	-0.003072	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-8.890000	-0.002371	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-10.730000	-0.002861	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	0	-15.020000	-0.004005	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	10	-9.070000	-0.002419	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	20	-16.160000	-0.004309	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	30	-19.410000	-0.005176	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	40	-13.430000	-0.003581	PASS
N78-370 0-3800	30	50	DFT-16QAM	M	Outer_Full	NV	50	-13.460000	-0.003589	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-11.880000	-0.003147	PASS
N78-370	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-13.300000	-0.003523	PASS

0-3800										
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-10.630000	-0.002816	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	0	-12.110000	-0.003208	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	10	-13.700000	-0.003629	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	20	-12.810000	-0.003393	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	30	-14.510000	-0.003844	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	40	-9.260000	-0.002453	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	50	-13.060000	-0.003460	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-12.060000	-0.003195	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-10.360000	-0.002744	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-9.350000	-0.002477	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	0	-12.140000	-0.003216	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	10	-9.940000	-0.002633	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	20	-13.150000	-0.003483	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	30	-10.390000	-0.002752	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	40	-9.970000	-0.002641	PASS
N78-370 0-3800	30	50	DFT-16QAM	H	Outer_Full	NV	50	-9.540000	-0.002527	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-14.530000	-0.003895	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-6.840000	-0.001834	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-12.850000	-0.003445	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	0	-11.860000	-0.003180	PASS
N78-370	30	60	DFT-QPSK	L	Outer_Full	NV	10	-10.940000	-0.002933	PASS

0-3800										
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	20	-13.160000	-0.003528	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	30	-10.090000	-0.002705	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	40	-12.640000	-0.003389	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	50	-12.800000	-0.003432	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-12.390000	-0.003322	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-10.090000	-0.002705	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-10.810000	-0.002898	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	0	-14.270000	-0.003826	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	10	-17.400000	-0.004665	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	20	-16.360000	-0.004386	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	30	-10.240000	-0.002745	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	40	-8.230000	-0.002206	PASS
N78-370 0-3800	30	60	DFT-16QAM	L	Outer_Full	NV	50	-10.490000	-0.002812	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-14.570000	-0.003885	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-16.090000	-0.004291	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-14.590000	-0.003891	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	0	-8.630000	-0.002301	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	10	-15.090000	-0.004024	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	20	-10.880000	-0.002901	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	30	-14.070000	-0.003752	PASS
N78-370	30	60	DFT-QPSK	M	Outer_Full	NV	40	-13.410000	-0.003576	PASS

0-3800										
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	50	-17.040000	-0.004544	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	-30	-13.350000	-0.003560	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-11.330000	-0.003021	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	-10	-8.930000	-0.002381	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	0	-12.410000	-0.003309	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	10	-12.750000	-0.003400	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	20	-15.440000	-0.004117	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	30	-11.870000	-0.003165	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	40	-6.940000	-0.001851	PASS
N78-370 0-3800	30	60	DFT-16QAM	M	Outer_Full	NV	50	-11.350000	-0.003027	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-9.770000	-0.002592	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-6.950000	-0.001844	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-15.090000	-0.004002	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	0	-14.760000	-0.003915	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	10	-11.440000	-0.003035	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	20	-13.150000	-0.003488	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	30	-12.750000	-0.003382	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	40	-13.930000	-0.003695	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	50	-11.930000	-0.003164	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-15.240000	-0.004041	PASS
N78-370	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-11.260000	-0.002987	PASS

0-3800										
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-18.870000	-0.005005	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	0	-10.810000	-0.002867	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	10	-10.500000	-0.002785	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	20	-14.880000	-0.003947	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	30	-11.100000	-0.002944	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	40	-14.520000	-0.003851	PASS
N78-370 0-3800	30	60	DFT-16QAM	H	Outer_Full	NV	50	-16.719999	-0.004435	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	-30	-14.500000	-0.003882	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-9.780000	-0.002618	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-10.300000	-0.002758	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	0	-11.530000	-0.003087	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	10	-8.850000	-0.002369	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	20	-16.680000	-0.004466	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	30	-10.760000	-0.002881	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	40	-12.400000	-0.003320	PASS
N78-370 0-3800	30	70	DFT-QPSK	L	Outer_Full	NV	50	-9.780000	-0.002618	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-14.870000	-0.003981	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-9.700000	-0.002597	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-14.220000	-0.003807	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	0	-12.680000	-0.003395	PASS
N78-370	30	70	DFT-16QAM	L	Outer_Full	NV	10	-16.070000	-0.004303	PASS

0-3800										
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	20	-10.450000	-0.002798	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	30	-10.880000	-0.002913	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	40	-11.500000	-0.003079	PASS
N78-370 0-3800	30	70	DFT-16QAM	L	Outer_Full	NV	50	-14.120000	-0.003780	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-10.220000	-0.002725	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-7.810000	-0.002083	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-8.940000	-0.002384	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	0	-11.600000	-0.003093	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	10	-15.850000	-0.004227	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	20	-14.430000	-0.003848	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	30	-14.140000	-0.003771	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	40	-11.390000	-0.003037	PASS
N78-370 0-3800	30	70	DFT-QPSK	M	Outer_Full	NV	50	-11.780000	-0.003141	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-8.800000	-0.002347	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-17.730000	-0.004728	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	-10	-10.080000	-0.002688	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	0	-7.820000	-0.002085	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	10	-15.130000	-0.004035	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	20	-12.620000	-0.003365	PASS
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	30	-12.920000	-0.003445	PASS
N78-370	30	70	DFT-16QAM	M	Outer_Full	NV	40	-8.720000	-0.002325	PASS

0-3800										
N78-370 0-3800	30	70	DFT-16QAM	M	Outer_Full	NV	50	-11.550000	-0.003080	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-14.270000	-0.003790	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-7.940000	-0.002109	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-11.480000	-0.003049	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	0	-13.950000	-0.003705	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	10	-8.600000	-0.002284	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	20	-10.250000	-0.002722	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	30	-8.700000	-0.002311	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	40	-13.750000	-0.003652	PASS
N78-370 0-3800	30	70	DFT-QPSK	H	Outer_Full	NV	50	-12.820000	-0.003405	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	-30	-10.660000	-0.002831	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-14.890000	-0.003955	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-10.050000	-0.002669	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	0	-12.220000	-0.003246	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	10	-16.070000	-0.004268	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	20	-15.140000	-0.004021	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	30	-16.050000	-0.004263	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	40	-14.390000	-0.003822	PASS
N78-370 0-3800	30	70	DFT-16QAM	H	Outer_Full	NV	50	-15.140000	-0.004021	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-12.530000	-0.003350	PASS
N78-370	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-10.930000	-0.002922	PASS

0-3800										
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-7.430000	-0.001987	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	0	-9.300000	-0.002487	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	10	-13.150000	-0.003516	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	20	-13.460000	-0.003599	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	30	-11.150000	-0.002981	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	40	-9.880000	-0.002642	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	50	-8.039999	-0.002150	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-11.230000	-0.003003	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-6.650000	-0.001778	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-12.230000	-0.003270	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	0	-10.410000	-0.002783	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	10	-15.630000	-0.004179	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	20	-13.560000	-0.003626	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	30	-9.990000	-0.002671	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	40	-15.790000	-0.004222	PASS
N78-370 0-3800	30	80	DFT-16QAM	L	Outer_Full	NV	50	-7.680000	-0.002053	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-13.230000	-0.003528	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-9.490000	-0.002531	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-12.260000	-0.003269	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	0	-15.960000	-0.004256	PASS
N78-370	30	80	DFT-QPSK	M	Outer_Full	NV	10	-13.660000	-0.003643	PASS

0-3800										
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	20	-13.720000	-0.003659	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	30	-11.380000	-0.003035	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	40	-7.350000	-0.001960	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	50	-11.180000	-0.002981	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-17.390000	-0.004637	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-8.050000	-0.002147	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-12.380000	-0.003301	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	0	-14.430000	-0.003848	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	10	-14.050000	-0.003747	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	20	-14.110000	-0.003763	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	30	-13.150000	-0.003507	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	40	-13.630000	-0.003635	PASS
N78-370 0-3800	30	80	DFT-16QAM	M	Outer_Full	NV	50	-8.109999	-0.002163	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-4.620000	-0.001229	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-8.550000	-0.002274	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-9.980000	-0.002654	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	0	-12.140000	-0.003229	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	10	-18.310000	-0.004870	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	20	-12.630000	-0.003359	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	30	-13.900000	-0.003697	PASS
N78-370	30	80	DFT-QPSK	H	Outer_Full	NV	40	-11.260000	-0.002995	PASS

0-3800										
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	50	-9.530000	-0.002535	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-16.780000	-0.004463	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-13.790000	-0.003668	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	-10	-13.160000	-0.003500	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	0	-11.240000	-0.002989	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	10	-16.940000	-0.004505	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	20	-15.280000	-0.004064	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	30	-12.650000	-0.003364	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	40	-11.190000	-0.002976	PASS
N78-370 0-3800	30	80	DFT-16QAM	H	Outer_Full	NV	50	-12.070000	-0.003210	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-8.390000	-0.002240	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-9.880000	-0.002638	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-9.170000	-0.002449	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	0	-11.720000	-0.003129	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	10	-11.150000	-0.002977	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	20	-10.520000	-0.002809	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	30	-11.320000	-0.003023	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	40	-15.550000	-0.004152	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	50	-13.190000	-0.003522	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-16.360000	-0.004368	PASS
N78-370	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-10.720000	-0.002862	PASS

0-3800										
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-14.680000	-0.003920	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	0	-17.580000	-0.004694	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	10	-10.920000	-0.002916	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	20	-8.600000	-0.002296	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	30	-9.460000	-0.002526	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	40	-11.930000	-0.003186	PASS
N78-370 0-3800	30	90	DFT-16QAM	L	Outer_Full	NV	50	-15.960000	-0.004262	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-11.150000	-0.002973	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-12.280000	-0.003275	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-2.860000	-0.000763	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	0	-14.220000	-0.003792	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	10	-9.360000	-0.002496	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	20	-6.480000	-0.001728	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	30	-14.730000	-0.003928	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	40	-12.020000	-0.003205	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	50	-15.470000	-0.004125	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	-30	-15.440000	-0.004117	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-12.030000	-0.003208	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-16.649999	-0.004440	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	0	-16.140000	-0.004304	PASS
N78-370	30	90	DFT-16QAM	M	Outer_Full	NV	10	-10.830000	-0.002888	PASS

0-3800										
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	20	-9.880000	-0.002635	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	30	-9.410000	-0.002509	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	40	-13.030000	-0.003475	PASS
N78-370 0-3800	30	90	DFT-16QAM	M	Outer_Full	NV	50	-14.460000	-0.003856	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-9.540000	-0.002541	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-15.770000	-0.004200	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-9.600000	-0.002557	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	0	-13.030000	-0.003470	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	10	-10.310000	-0.002746	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	20	-10.670000	-0.002842	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	30	-13.360000	-0.003558	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	40	-5.790000	-0.001542	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	50	-12.890000	-0.003433	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-9.190000	-0.002447	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-13.810000	-0.003678	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-12.600000	-0.003356	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	0	-11.460000	-0.003052	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	10	-12.810000	-0.003411	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	20	-15.570000	-0.004146	PASS
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	30	-10.330000	-0.002751	PASS
N78-370	30	90	DFT-16QAM	H	Outer_Full	NV	40	-11.670000	-0.003108	PASS

0-3800										
N78-370 0-3800	30	90	DFT-16QAM	H	Outer_Full	NV	50	-10.050000	-0.002676	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	-30	-8.420000	-0.002245	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-13.140000	-0.003504	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-8.600000	-0.002293	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	0	-14.320000	-0.003819	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	10	-13.730000	-0.003661	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	20	-10.660000	-0.002843	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	30	-12.620000	-0.003365	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	40	-13.990000	-0.003731	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	50	-10.860000	-0.002896	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-18.900000	-0.005040	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	-20	-14.520000	-0.003872	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-13.310000	-0.003549	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	0	-15.720000	-0.004192	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	10	-11.750000	-0.003133	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	20	-13.400000	-0.003573	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	30	-11.860000	-0.003163	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	40	-13.240000	-0.003531	PASS
N78-370 0-3800	30	100	DFT-16QAM	L	Outer_Full	NV	50	-11.610000	-0.003096	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-11.310000	-0.003016	PASS
N78-370	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-9.600000	-0.002560	PASS

0-3800										
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-11.390000	-0.003037	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	0	-13.140000	-0.003504	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	10	-11.490000	-0.003064	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	20	-11.610000	-0.003096	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	30	-14.380000	-0.003835	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	40	-9.390000	-0.002504	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	50	-9.090000	-0.002424	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-11.290000	-0.003011	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-9.090000	-0.002424	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-12.570000	-0.003352	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	0	-10.990000	-0.002931	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	10	-17.150000	-0.004573	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	20	-17.870000	-0.004765	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	30	-9.850000	-0.002627	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	40	-11.320000	-0.003019	PASS
N78-370 0-3800	30	100	DFT-16QAM	M	Outer_Full	NV	50	-12.660000	-0.003376	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-17.460000	-0.004656	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-12.980000	-0.003461	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-9.350000	-0.002493	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	0	-16.219999	-0.004325	PASS
N78-370	30	100	DFT-QPSK	H	Outer_Full	NV	10	-8.460000	-0.002256	PASS

0-3800										
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	20	-7.120000	-0.001899	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	30	-17.680000	-0.004715	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	40	-20.060000	-0.005349	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	50	-11.740000	-0.003131	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-15.320000	-0.004085	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	-20	-11.090000	-0.002957	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-12.060000	-0.003216	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	0	-11.340000	-0.003024	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	10	-14.090000	-0.003757	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	20	-14.170000	-0.003779	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	30	-14.090000	-0.003757	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	40	-12.130000	-0.003235	PASS
N78-370 0-3800	30	100	DFT-16QAM	H	Outer_Full	NV	50	-11.320000	-0.003019	PASS