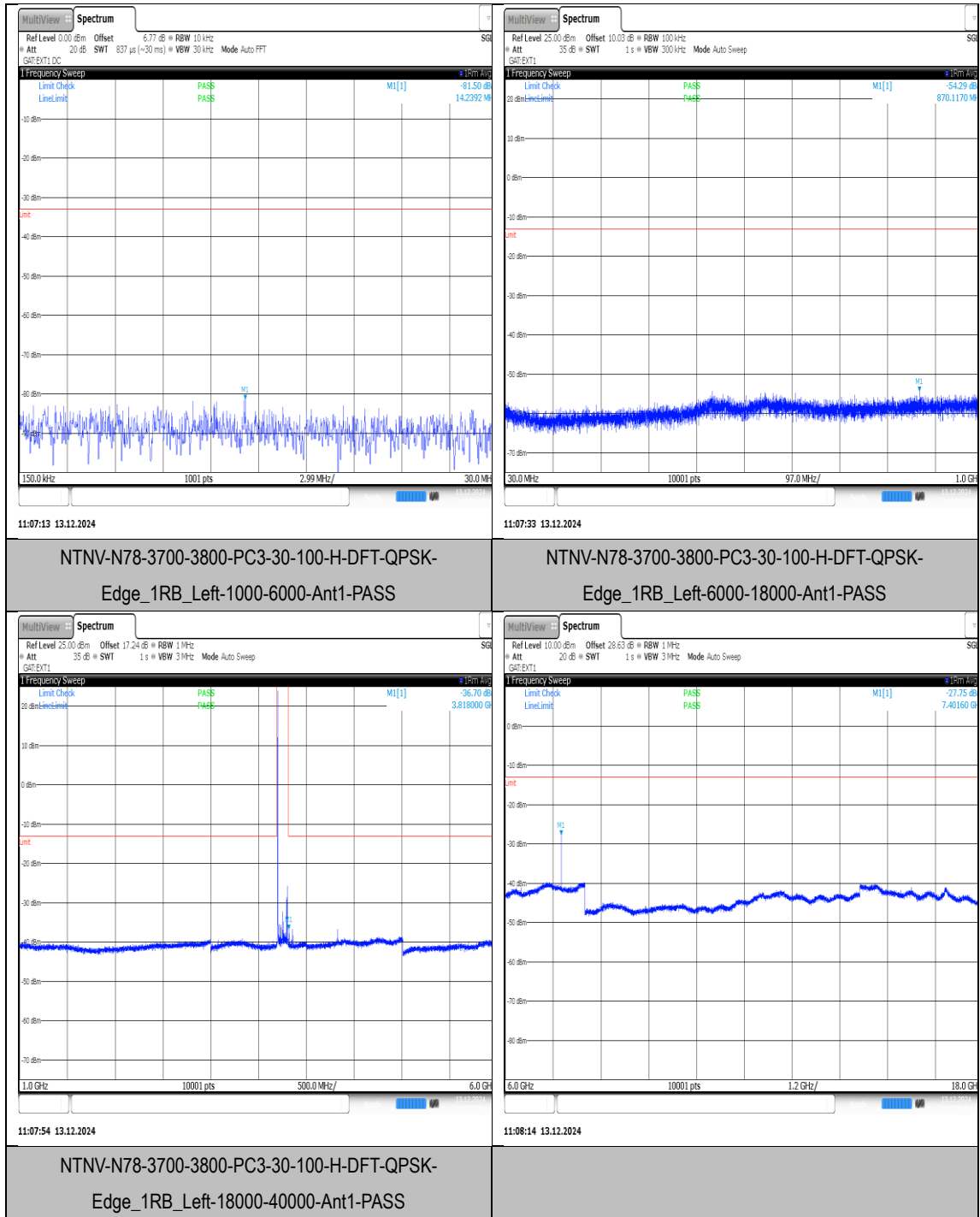
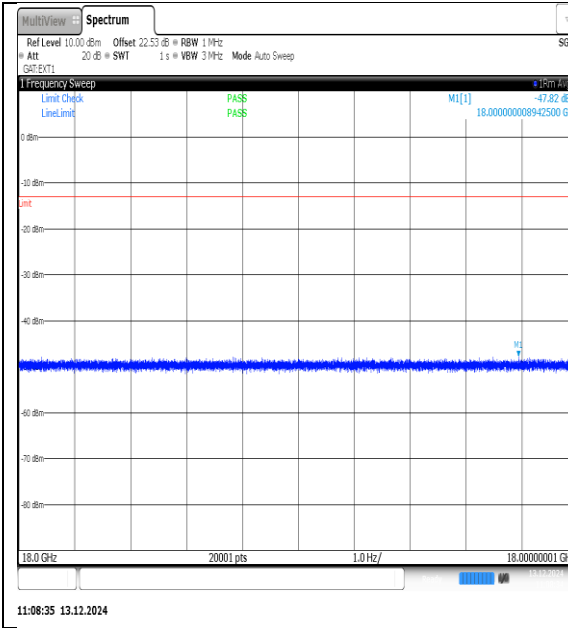






Appendix D: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	M	Outer_Full	VL	NT	2.080000	0.001106	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VN	NT	1.480000	0.000787	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VH	NT	1.970000	0.001048	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VL	NT	2.440000	0.001298	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VN	NT	1.090000	0.000580	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VH	NT	1.280000	0.000681	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-3.630000	-0.001931	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-3.440000	-0.001830	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-3.580000	-0.001904	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-3.210000	-0.001707	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-3.450000	-0.001835	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-1.760000	-0.000936	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-1.760000	-0.002104	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-2.580000	-0.003084	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-3.150000	-0.003766	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-5.110000	-0.006109	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-5.540000	-0.006623	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-2.410000	-0.002881	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-1.440000	-0.001721	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-1.200000	-0.001435	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-1.980000	-0.002367	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.420000	-0.006479	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-5.540000	-0.006623	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-5.560000	-0.006647	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-4.050000	-0.001598	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-5.000000	-0.001971	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-5.040000	-0.001988	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-5.970000	-0.002355	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-5.160000	-0.002036	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-4.820000	-0.001901	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-0.520000	-0.000205	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-1.670000	-0.000659	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VH	NT	0.650000	0.000256	PASS

N7	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.530000	-0.002181	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-5.370000	-0.002118	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-7.630000	-0.003010	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	VL	NT	-3.020000	-0.001191	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	VN	NT	-2.940000	-0.001160	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	VH	NT	-2.120000	-0.000836	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	VL	NT	-3.770000	-0.001487	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	VN	NT	-5.190000	-0.002047	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	VH	NT	-4.260000	-0.001680	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	VL	NT	-3.560000	-0.001404	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	VN	NT	-2.730000	-0.001077	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	VH	NT	-2.840000	-0.001120	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-0.510000	-0.000292	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VN	NT	0.180000	0.000103	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-0.170000	-0.000097	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-0.670000	-0.000384	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-0.600000	-0.000344	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VH	NT	0.430000	0.000246	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VL	NT	0.960000	0.000550	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VN	NT	0.870000	0.000499	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-0.700000	-0.000401	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-0.070000	-0.000040	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VN	NT	0.610000	0.000350	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VH	NT	2.089999	0.001198	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	VL	NT	0.070000	0.000040	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	VN	NT	-1.380000	-0.000791	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	VH	NT	-0.880000	-0.000504	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	VL	NT	0.640000	0.000367	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	VN	NT	1.480000	0.000848	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	VH	NT	0.950000	0.000544	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	VL	NT	0.420000	0.000241	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	VN	NT	0.740000	0.000424	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	VH	NT	-1.160000	-0.000665	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-1.540000	-0.002263	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-3.130000	-0.004600	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-3.770000	-0.005540	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-2.520000	-0.003703	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-2.780000	-0.004085	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-3.920000	-0.005760	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-1.650000	-0.002425	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-2.049999	-0.003012	PASS

N71	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-3.310000	-0.004864	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-2.080000	-0.003057	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-1.890000	-0.002777	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-2.970000	-0.004364	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-4.790000	-0.001846	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-2.370000	-0.000913	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-1.830000	-0.000705	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-0.890000	-0.000343	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-0.930000	-0.000358	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-1.820000	-0.000701	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.790000	-0.002231	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-6.780000	-0.002613	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-3.250000	-0.001252	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-0.490000	-0.000189	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	VN	NT	0.060000	0.000023	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-1.610000	-0.000620	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	VL	NT	0.420000	0.000162	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-1.890000	-0.000728	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-0.870000	-0.000335	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-2.870000	-0.001107	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-6.420000	-0.002476	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-5.410000	-0.002086	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-8.420000	-0.003247	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-6.520000	-0.002514	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-7.760000	-0.002993	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-3.890000	-0.001500	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-4.480000	-0.001728	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-3.130000	-0.001207	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-3.890000	-0.001500	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-3.160000	-0.001219	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-3.760000	-0.001450	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-8.170000	-0.003151	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-8.189999	-0.003159	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-5.790000	-0.002233	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-3.330000	-0.001284	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-6.590000	-0.002541	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-2.540000	-0.000980	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-4.980000	-0.001921	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-4.090000	-0.001577	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-8.930000	-0.003444	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-4.610000	-0.001778	PASS

N41	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-4.870000	-0.001878	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-6.680000	-0.002576	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-4.690000	-0.001809	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-6.580000	-0.002538	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-2.890000	-0.001115	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-3.340000	-0.001288	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-7.650000	-0.002950	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-7.660000	-0.002954	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-6.420000	-0.002476	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-7.750000	-0.002989	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-6.560000	-0.002530	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-4.000000	-0.001143	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-6.880000	-0.001965	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-2.250000	-0.000643	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-3.930000	-0.001123	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-4.540000	-0.001297	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-3.800000	-0.001086	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-0.690000	-0.000197	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-5.060000	-0.001446	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-6.070000	-0.001734	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VL	NT	-3.770000	-0.001077	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VN	NT	-4.030000	-0.001151	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VH	NT	-1.070000	-0.000306	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-2.950000	-0.000843	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-4.960000	-0.001417	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-4.160000	-0.001189	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-3.590000	-0.001026	PASS

3550										
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-4.270000	-0.001220	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-2.020000	-0.000577	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-3.040000	-0.000869	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-4.720000	-0.001349	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-3.470000	-0.000990	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-4.070000	-0.001163	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-3.000000	-0.000857	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-2.720000	-0.000777	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-4.570000	-0.001306	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-4.030000	-0.001151	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-5.480000	-0.001566	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-4.190000	-0.001197	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-3.160000	-0.000903	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-6.640000	-0.001897	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-4.570000	-0.001306	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-4.059999	-0.001160	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-7.310000	-0.002089	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-4.510000	-0.001289	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-4.640000	-0.001326	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-3.730000	-0.001066	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-5.190000	-0.001352	PASS

N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-2.240000	-0.000583	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-0.970000	-0.000253	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-4.930000	-0.001284	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-1.190000	-0.000310	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-6.250000	-0.001628	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-2.250000	-0.000586	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-4.050000	-0.001055	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-5.250000	-0.001367	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	VL	NT	-4.099999	-0.001068	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	VN	NT	-3.050000	-0.000794	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	VH	NT	-3.970000	-0.001034	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-5.110000	-0.001331	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-5.200000	-0.001354	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-2.049999	-0.000534	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-3.290000	-0.000857	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-2.260000	-0.000589	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-2.750000	-0.000716	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-3.990000	-0.001039	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-5.570000	-0.001451	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-4.660000	-0.001214	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-2.710000	-0.000706	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-3.730000	-0.000971	PASS

3980										
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-7.020000	-0.001828	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-3.410000	-0.000888	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-5.500000	-0.001432	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-7.460000	-0.001943	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-2.830000	-0.000737	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-6.780000	-0.001766	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-6.740000	-0.001755	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-6.130000	-0.001596	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-4.290000	-0.001117	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-4.670000	-0.001216	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-6.660000	-0.001734	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-4.450000	-0.001159	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-5.920000	-0.001542	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-2.640000	-0.000754	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-0.990000	-0.000283	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-3.950000	-0.001129	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-5.350000	-0.001529	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-0.740000	-0.000211	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-4.910000	-0.001403	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-1.250000	-0.000357	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-6.770000	-0.001934	PASS

N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-2.610000	-0.000746	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VL	NT	-6.110000	-0.001746	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VN	NT	-1.600000	-0.000457	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VH	NT	-4.550000	-0.001300	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-1.620000	-0.000463	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-2.340000	-0.000669	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-3.050000	-0.000871	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-4.410000	-0.001260	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-4.099999	-0.001171	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-2.320000	-0.000663	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-3.770000	-0.001077	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-4.920000	-0.001406	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-4.940000	-0.001411	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-3.360000	-0.000960	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-2.080000	-0.000594	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-3.530000	-0.001008	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-4.390000	-0.001254	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	0.090000	0.000026	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-3.440000	-0.000982	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-1.640000	-0.000469	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-5.730000	-0.001637	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-3.450000	-0.000985	PASS

3550										
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-5.280000	-0.001509	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-6.320000	-0.001806	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-2.220000	-0.000634	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-7.030000	-0.002009	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-3.490000	-0.000997	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-3.500000	-0.001000	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-6.560000	-0.001749	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-6.880000	-0.001835	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-3.770000	-0.001005	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-7.590000	-0.002024	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-7.040000	-0.001877	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-4.070000	-0.001085	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-4.930000	-0.001315	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-4.760000	-0.001269	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-4.990000	-0.001331	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	VL	NT	-6.380000	-0.001701	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	VN	NT	-4.620000	-0.001232	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	VH	NT	-6.250000	-0.001667	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-4.160000	-0.001109	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-8.920000	-0.002379	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-5.450000	-0.001453	PASS

N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-5.480000	-0.001461	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-6.740000	-0.001797	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-5.830000	-0.001555	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-6.000000	-0.001600	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-4.120000	-0.001099	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-6.250000	-0.001667	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-4.570000	-0.001219	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-6.110000	-0.001629	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-5.720000	-0.001525	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-5.440000	-0.001451	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-5.760000	-0.001536	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-3.700000	-0.000987	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-4.450000	-0.001187	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-5.770000	-0.001539	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-4.830000	-0.001288	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-3.760000	-0.001003	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-5.950000	-0.001587	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-5.410000	-0.001443	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-3.990000	-0.001064	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-7.320000	-0.001952	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-5.100000	-0.001360	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-30	2.840000	0.001511	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-20	2.540000	0.001351	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-10	4.410000	0.002346	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	0	2.290000	0.001218	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	10	0.370000	0.000197	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	20	2.170000	0.001154	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	30	-1.080000	-0.000574	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	40	-4.740000	-0.002521	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	50	-5.080000	-0.002702	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-30	2.220000	0.001181	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-20	1.050000	0.000559	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-10	0.530000	0.000282	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	0	0.530000	0.000282	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	10	2.260000	0.001202	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	20	-0.050000	-0.000027	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	30	2.640000	0.001404	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	40	1.510000	0.000803	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	50	1.190000	0.000633	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-2.840000	-0.001511	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.920000	-0.001021	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-4.830000	-0.002569	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	0	-3.430000	-0.001824	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	10	-5.570000	-0.002963	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	20	-3.180000	-0.001691	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	30	-1.500000	-0.000798	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	40	-4.150000	-0.002207	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	50	-4.510000	-0.002399	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-1.730000	-0.000920	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-2.060000	-0.001096	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-4.520000	-0.002404	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	0	-4.070000	-0.002165	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	10	-4.760000	-0.002532	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	20	-3.110000	-0.001654	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	30	-4.179999	-0.002223	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	40	-2.880000	-0.001532	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	50	-3.490000	-0.001856	PASS

N5	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-2.950000	-0.003527	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-3.240000	-0.003873	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-4.280000	-0.005117	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	0	-2.450000	-0.002929	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	10	-1.960000	-0.002343	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	20	-2.180000	-0.002606	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	30	-2.610000	-0.003120	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	40	-3.030000	-0.003622	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	50	-3.640000	-0.004351	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-2.140000	-0.002558	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-2.370000	-0.002833	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-2.670000	-0.003192	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	0	-3.020000	-0.003610	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	10	-3.010000	-0.003598	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	20	-3.210000	-0.003837	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	30	-3.820000	-0.004567	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	40	-4.070000	-0.004866	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	50	-4.010000	-0.004794	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-2.580000	-0.003084	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.120000	-0.001339	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-2.200000	-0.002630	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	0	-3.230000	-0.003861	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	10	-3.710000	-0.004435	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	20	-4.400000	-0.005260	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	30	-0.760000	-0.000909	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	40	-1.000000	-0.001195	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	50	-1.510000	-0.001805	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.450000	-0.004124	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-1.840000	-0.002200	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-3.150000	-0.003766	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	0	-2.230000	-0.002666	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	10	-2.820000	-0.003371	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	20	-2.420000	-0.002893	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	30	-2.330000	-0.002785	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	40	-2.600000	-0.003108	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	50	-2.630000	-0.003144	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-3.960000	-0.001562	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-5.040000	-0.001988	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-5.200000	-0.002051	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	0	-2.670000	-0.001053	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	10	-5.200000	-0.002051	PASS

N7	15	5	DFT-QPSK	M	Outer_Full	NV	20	-5.360000	-0.002114	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	30	-3.670000	-0.001448	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	40	-2.410000	-0.000951	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	50	-4.800000	-0.001893	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-6.560000	-0.002588	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-5.860000	-0.002312	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-4.620000	-0.001822	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	0	-5.120000	-0.002020	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	10	-4.300000	-0.001696	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	20	-6.330000	-0.002497	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	30	-3.680000	-0.001452	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	40	-4.810000	-0.001897	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	50	-5.870000	-0.002316	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-1.760000	-0.000694	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.250000	-0.000492	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-2.200000	-0.000868	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	0	-1.020000	-0.000402	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	10	0.090000	0.000036	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	20	-0.160000	-0.000063	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	30	-0.540000	-0.000213	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	40	-0.410000	-0.000162	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	50	-1.590000	-0.000627	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-4.590000	-0.001811	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.970000	-0.002355	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-4.840000	-0.001909	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	0	-7.170000	-0.002828	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	10	-6.190000	-0.002442	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	20	-6.600000	-0.002604	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	30	-5.170000	-0.002039	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	40	-6.600000	-0.002604	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	50	-5.150000	-0.002032	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	-30	-1.110000	-0.000438	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	-20	-0.510000	-0.000201	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	-10	0.020000	0.000008	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	0	-0.840000	-0.000331	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	10	-2.410000	-0.000951	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	20	-1.980000	-0.000781	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	30	-1.710000	-0.000675	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	40	-1.280000	-0.000505	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	50	-2.940000	-0.001160	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	-30	-4.099999	-0.001617	PASS

N7	15	30	DFT-QPSK	M	Outer_Full	NV	-20	-5.730000	-0.002260	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	-10	-4.780000	-0.001886	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	0	-5.070000	-0.002000	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	10	-6.190000	-0.002442	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	20	-4.470000	-0.001763	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	30	-5.190000	-0.002047	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	40	-7.080000	-0.002793	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	50	-4.390000	-0.001732	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	-30	-4.450000	-0.001755	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	-20	-6.050000	-0.002387	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	-10	-4.860000	-0.001917	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	0	-3.350000	-0.001321	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	10	-2.750000	-0.001085	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	20	-5.030000	-0.001984	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	30	-5.130000	-0.002024	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	40	-3.100000	-0.001223	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	50	-4.520000	-0.001783	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	-30	0.840000	0.000481	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	-20	1.500000	0.000860	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	-10	1.200000	0.000688	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	0	-0.650000	-0.000372	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	10	-0.060000	-0.000034	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	20	0.990000	0.000567	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	30	2.009999	0.001152	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	40	-0.670000	-0.000384	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.740000	0.000424	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	-30	0.500000	0.000287	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-1.350000	-0.000774	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	-10	0.430000	0.000246	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	0	-0.980000	-0.000562	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	10	-0.610000	-0.000350	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	20	0.800000	0.000458	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	30	-0.450000	-0.000258	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	40	-0.390000	-0.000223	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	50	0.570000	0.000327	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-0.350000	-0.000201	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	-20	0.020000	0.000011	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	-10	0.040000	0.000023	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	0	0.300000	0.000172	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	10	1.140000	0.000653	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	20	1.170000	0.000670	PASS

N66	15	15	DFT-QPSK	M	Outer_Full	NV	30	-0.470000	-0.000269	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	40	-1.310000	-0.000751	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	50	-1.420000	-0.000814	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-0.200000	-0.000115	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-20	0.790000	0.000453	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-10	1.450000	0.000831	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	0	1.480000	0.000848	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	10	2.190000	0.001255	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	20	1.740000	0.000997	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	30	-0.390000	-0.000223	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	40	0.350000	0.000201	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	50	0.820000	0.000470	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	-30	-1.710000	-0.000980	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	-20	-1.180000	-0.000676	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	-10	-1.260000	-0.000722	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	0	-1.980000	-0.001135	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	10	-1.830000	-0.001049	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	20	-2.330000	-0.001335	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	30	-1.850000	-0.001060	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	40	-1.760000	-0.001008	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	NV	50	-2.550000	-0.001461	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	-30	1.660000	0.000951	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	-20	1.070000	0.000613	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	-10	1.440000	0.000825	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	0	1.450000	0.000831	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	10	-0.010000	-0.000006	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	20	0.150000	0.000086	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	30	3.350000	0.001920	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	40	2.560000	0.001467	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	NV	50	0.140000	0.000080	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	-30	1.050000	0.000602	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	-20	0.140000	0.000080	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	-10	-0.660000	-0.000378	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	0	0.560000	0.000321	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	10	-0.180000	-0.000103	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	20	-0.230000	-0.000132	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	30	0.910000	0.000521	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	40	-1.330000	-0.000762	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	50	0.350000	0.000201	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-4.780000	-0.007024	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-1.520000	-0.002234	PASS

N71	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-2.300000	-0.003380	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	0	-2.740000	-0.004026	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	10	-3.500000	-0.005143	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	20	-4.600000	-0.006760	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	30	-2.310000	-0.003395	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	40	-2.860000	-0.004203	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	50	-3.960000	-0.005819	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-0.650000	-0.000955	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-1.210000	-0.001778	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-2.060000	-0.003027	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	0	-2.220000	-0.003262	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	10	-2.680000	-0.003937	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	20	-3.100000	-0.004555	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	30	-3.630000	-0.005334	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	40	-0.490000	-0.000720	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	50	-1.590000	-0.002337	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-1.450000	-0.002131	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.500000	-0.002204	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-2.260000	-0.003321	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	0	-2.700000	-0.003968	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	10	-2.900000	-0.004262	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	20	-3.440000	-0.005055	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	30	-3.810000	-0.005599	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	40	-0.830000	-0.001220	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	50	-1.190000	-0.001749	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.470000	-0.005099	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-4.400000	-0.006466	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-3.550000	-0.005217	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-2.810000	-0.004129	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-3.470000	-0.005099	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-4.090000	-0.006010	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-4.640000	-0.006819	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-5.450000	-0.008009	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-1.870000	-0.002748	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-2.029999	-0.000782	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-4.139999	-0.001595	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-3.590000	-0.001383	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	0	-4.310000	-0.001661	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	10	-1.750000	-0.000674	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	20	-3.950000	-0.001522	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	30	-3.690000	-0.001422	PASS

N38	30	10	DFT-QPSK	M	Outer_Full	NV	40	-2.260000	-0.000871	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	NV	50	-3.890000	-0.001499	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	-30	1.200000	0.000462	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	-20	1.770000	0.000682	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-0.040000	-0.000015	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	0	1.410000	0.000543	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	10	0.370000	0.000143	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	20	-1.600000	-0.000617	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	30	-0.530000	-0.000204	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	40	1.030000	0.000397	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	NV	50	0.310000	0.000119	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-4.780000	-0.001842	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.240000	-0.002019	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-4.540000	-0.001750	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	0	-4.030000	-0.001553	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	10	-5.970000	-0.002301	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	20	-7.270000	-0.002802	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	30	-4.970000	-0.001915	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	40	-7.950000	-0.003064	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	NV	50	-4.840000	-0.001865	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	-30	0.460000	0.000177	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	-20	1.700000	0.000655	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	-10	1.910000	0.000736	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	0	-1.850000	-0.000713	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	10	-1.570000	-0.000605	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	20	-0.380000	-0.000146	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	30	-0.530000	-0.000204	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	40	0.930000	0.000358	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	NV	50	1.850000	0.000713	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-0.440000	-0.000170	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-1.110000	-0.000428	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-0.340000	-0.000131	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	0	-1.700000	-0.000655	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	10	0.050000	0.000019	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	20	0.900000	0.000347	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	30	-0.490000	-0.000189	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	40	1.590000	0.000613	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	50	1.830000	0.000705	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-6.490000	-0.002503	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-6.660000	-0.002568	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-6.350000	-0.002449	PASS

N41	30	10	DFT-QPSK	M	Outer_Full	NV	0	-6.880000	-0.002653	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	10	-6.340000	-0.002445	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	20	-9.220000	-0.003556	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	30	-6.540000	-0.002522	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	40	-7.650000	-0.002950	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	50	-3.200000	-0.001234	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-8.350000	-0.003220	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-7.680000	-0.002962	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-8.070000	-0.003112	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	0	-8.420000	-0.003247	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	10	-7.870000	-0.003035	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	20	-5.660000	-0.002183	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	30	-7.260000	-0.002800	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	40	-7.970000	-0.003074	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	50	-7.960000	-0.003070	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-4.750000	-0.001832	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-3.150000	-0.001215	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-6.850000	-0.002642	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	0	-2.560000	-0.000987	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	10	-3.690000	-0.001423	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	20	-3.870000	-0.001492	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	30	-6.530000	-0.002518	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	40	-3.390000	-0.001307	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	50	-4.400000	-0.001697	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-2.700000	-0.001041	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-5.230000	-0.002017	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-3.470000	-0.001338	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	0	-2.200000	-0.000848	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	10	-2.620000	-0.001010	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	20	-5.120000	-0.001975	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	30	-6.910000	-0.002665	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	40	-4.470000	-0.001724	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	50	-3.710000	-0.001431	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-8.930000	-0.003444	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-6.110000	-0.002356	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-7.930000	-0.003058	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	0	-5.140000	-0.001981	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	10	-8.650000	-0.003336	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	20	-6.370000	-0.002457	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	30	-6.790000	-0.002619	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	40	-5.470000	-0.002110	PASS

N41	30	40	DFT-QPSK	M	Outer_Full	NV	50	-7.160000	-0.002761	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-7.670000	-0.002958	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-1.230000	-0.000474	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-5.890000	-0.002272	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	0	-5.130000	-0.001978	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	10	-4.179999	-0.001612	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	20	-8.710000	-0.003359	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	30	-4.390000	-0.001693	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	40	-6.060000	-0.002337	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	50	-4.760000	-0.001836	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-10.550000	-0.004068	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-8.310000	-0.003205	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-10.030000	-0.003868	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	0	-7.060000	-0.002723	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	10	-5.040000	-0.001944	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	20	-7.570000	-0.002919	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	30	-7.550000	-0.002912	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	40	-8.570000	-0.003305	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	50	-8.840000	-0.003409	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-6.130000	-0.002364	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-7.540000	-0.002908	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-4.940000	-0.001905	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	0	-8.000000	-0.003085	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	10	-5.270000	-0.002032	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	20	-5.610000	-0.002164	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	30	-8.420000	-0.003247	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	40	-8.440000	-0.003255	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	50	-8.650000	-0.003336	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-3.440000	-0.001327	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-7.160000	-0.002761	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-6.570000	-0.002534	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	0	-4.360000	-0.001681	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	10	-3.250000	-0.001253	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	20	-0.210000	-0.000081	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	30	-5.920000	-0.002283	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	40	-2.830000	-0.001091	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	50	-2.960000	-0.001142	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-10.420000	-0.004019	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-8.510000	-0.003282	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-8.350000	-0.003220	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	0	-7.340000	-0.002831	PASS

N41	30	90	DFT-QPSK	M	Outer_Full	NV	10	-8.100000	-0.003124	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	20	-9.500000	-0.003664	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	30	-7.940000	-0.003062	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	40	-8.340000	-0.003216	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	50	-7.360000	-0.002838	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-7.510000	-0.002896	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-7.690000	-0.002966	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-6.620000	-0.002553	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	0	-9.190000	-0.003544	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	10	-11.750000	-0.004531	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	20	-6.720000	-0.002592	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	30	-8.340000	-0.003216	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	40	-9.230000	-0.003560	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	50	-7.130000	-0.002750	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-4.350000	-0.001243	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-2.640000	-0.000754	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-3.840000	-0.001097	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	-3.760000	-0.001074	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	10	-3.410000	-0.000974	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-4.260000	-0.001217	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-3.400000	-0.000971	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-2.520000	-0.000720	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	-3.560000	-0.001016	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-3.810000	-0.001089	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-2.300000	-0.000657	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-4.330000	-0.001237	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	-4.190000	-0.001197	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-1.380000	-0.000394	PASS

N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-2.640000	-0.000754	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-4.650000	-0.001329	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-5.010000	-0.001431	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-5.170000	-0.001477	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.300000	-0.000943	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-4.570000	-0.001306	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-3.230000	-0.000923	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-4.300000	-0.001229	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-3.970000	-0.001134	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-1.100000	-0.000314	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-5.530000	-0.001580	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-2.570000	-0.000734	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-1.940000	-0.000554	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-30	-3.700000	-0.001057	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-20	-3.250000	-0.000929	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-10	-4.230000	-0.001209	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	0	-5.680000	-0.001623	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	10	-3.210000	-0.000917	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	20	-2.490000	-0.000711	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	30	-4.200000	-0.001200	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	40	-4.620000	-0.001320	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	50	-2.260000	-0.000646	PASS

3550										
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-1.590000	-0.000454	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-7.070000	-0.002020	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-0.130000	-0.000037	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	0	-5.140000	-0.001469	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	10	0.270000	0.000077	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	20	-3.440000	-0.000982	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	30	-5.790000	-0.001654	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	40	-3.380000	-0.000966	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	50	-2.420000	-0.000691	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-3.550000	-0.001013	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-1.600000	-0.000457	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-4.830000	-0.001380	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-3.620000	-0.001034	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-4.200000	-0.001200	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	0.750000	0.000214	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-6.720000	-0.001920	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-4.870000	-0.001391	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-2.230000	-0.000637	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-2.740000	-0.000783	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-5.520000	-0.001577	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-5.590000	-0.001597	PASS

N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-3.310000	-0.000946	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-4.090000	-0.001169	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	-2.540000	-0.000726	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-4.500000	-0.001286	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-4.630000	-0.001323	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-3.580000	-0.001023	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-0.120000	-0.000034	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-5.590000	-0.001597	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-6.460000	-0.001846	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-2.740000	-0.000783	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-4.940000	-0.001411	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-0.250000	-0.000071	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	-6.370000	-0.001820	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	-2.280000	-0.000651	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	-2.690000	-0.000769	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-3.170000	-0.000906	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-3.810000	-0.001089	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-4.010000	-0.001146	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-2.940000	-0.000840	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-3.920000	-0.001120	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-1.510000	-0.000431	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-1.170000	-0.000334	PASS

3550										
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-3.120000	-0.000891	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-3.080000	-0.000880	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-4.390000	-0.001254	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-5.280000	-0.001509	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-3.130000	-0.000894	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	-3.980000	-0.001137	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	-4.120000	-0.001177	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-5.070000	-0.001449	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-3.640000	-0.001040	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-4.850000	-0.001386	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-3.820000	-0.001091	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-4.050000	-0.001157	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-4.350000	-0.001243	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-2.240000	-0.000640	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-2.580000	-0.000737	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-6.620000	-0.001891	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-5.380000	-0.001537	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-6.790000	-0.001940	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-4.980000	-0.001423	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-3.140000	-0.000897	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-3.310000	-0.000946	PASS

N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-4.430000	-0.001266	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-5.620000	-0.001606	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-1.870000	-0.000534	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-5.210000	-0.001489	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-6.030000	-0.001723	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-8.890000	-0.002540	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-1.530000	-0.000437	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-2.290000	-0.000654	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-3.820000	-0.000995	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-4.540000	-0.001182	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-6.040000	-0.001573	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	0	-6.500000	-0.001693	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	10	-3.750000	-0.000977	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	20	-6.430000	-0.001674	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	30	-2.550000	-0.000664	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	40	-3.160000	-0.000823	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	NV	50	-4.780000	-0.001245	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-2.230000	-0.000581	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-3.430000	-0.000893	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-4.590000	-0.001195	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	0	-7.700000	-0.002004	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	10	-1.570000	-0.000409	PASS

3980										
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	20	-2.710000	-0.000706	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	30	-4.640000	-0.001208	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	40	-4.820000	-0.001255	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	NV	50	-4.530000	-0.001180	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.250000	-0.000846	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-4.260000	-0.001109	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-4.740000	-0.001234	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	0	-4.510000	-0.001174	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	10	-6.270000	-0.001633	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	20	-6.410000	-0.001669	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	30	-1.150000	-0.000299	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	40	-3.000000	-0.000781	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	50	-3.830000	-0.000997	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	-30	-3.500000	-0.000911	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	-20	-4.510000	-0.001174	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	-10	-6.220000	-0.001620	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	0	-1.520000	-0.000396	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	10	-7.030000	-0.001831	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	20	-3.250000	-0.000846	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	30	-3.830000	-0.000997	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	40	-8.160000	-0.002125	PASS

N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	NV	50	-6.510000	-0.001695	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-5.800000	-0.001510	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-5.480000	-0.001427	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-3.150000	-0.000820	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	0	-4.380000	-0.001141	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	10	-6.310000	-0.001643	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	20	-4.019999	-0.001047	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	30	-4.730000	-0.001232	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	40	-1.290000	-0.000336	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	NV	50	-3.110000	-0.000810	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-5.790000	-0.001508	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-5.310000	-0.001383	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-8.490000	-0.002211	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	0	-4.900000	-0.001276	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	10	-4.280000	-0.001115	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	20	-6.700000	-0.001745	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	30	-4.400000	-0.001146	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	40	-6.530000	-0.001701	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	NV	50	-5.170000	-0.001346	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-3.610000	-0.000940	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-4.560000	-0.001188	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-4.930000	-0.001284	PASS

3980										
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	0	-3.620000	-0.000943	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	10	-3.490000	-0.000909	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	20	-4.310000	-0.001122	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	30	-5.200000	-0.001354	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	40	-3.070000	-0.000799	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	NV	50	-2.780000	-0.000724	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-3.850000	-0.001003	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-2.330000	-0.000607	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-3.990000	-0.001039	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	0	-8.550000	-0.002227	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	10	-4.270000	-0.001112	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	20	-1.850000	-0.000482	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	30	-3.900000	-0.001016	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	40	-6.870000	-0.001789	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	NV	50	-6.320000	-0.001646	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-2.450000	-0.000638	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-5.220000	-0.001359	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-1.880000	-0.000490	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	0	-5.090000	-0.001326	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	10	-5.780000	-0.001505	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	20	-5.330000	-0.001388	PASS

N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	30	-6.400000	-0.001667	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	40	-3.510000	-0.000914	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	NV	50	-3.460000	-0.000901	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-5.020000	-0.001307	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-5.010000	-0.001305	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-2.290000	-0.000596	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	0	-4.530000	-0.001180	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	10	-4.080000	-0.001063	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	20	-6.470000	-0.001685	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	30	-3.090000	-0.000805	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	40	-4.590000	-0.001195	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	NV	50	-1.230000	-0.000320	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-2.250000	-0.000586	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-3.300000	-0.000859	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-1.920000	-0.000500	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	0	-4.960000	-0.001292	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	10	-6.440000	-0.001677	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	20	-3.980000	-0.001036	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	30	-3.470000	-0.000904	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	40	-7.030000	-0.001831	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	NV	50	-5.310000	-0.001383	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-4.860000	-0.001266	PASS

3980										
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-3.060000	-0.000797	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-3.180000	-0.000828	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	0	-3.120000	-0.000813	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	10	-7.760000	-0.002020	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	20	-4.210000	-0.001096	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	30	-6.550000	-0.001706	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	40	-2.290000	-0.000596	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	50	-3.000000	-0.000781	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-4.290000	-0.001226	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-3.260000	-0.000931	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-3.160000	-0.000903	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	-5.640000	-0.001611	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	10	-4.730000	-0.001351	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-4.050000	-0.001157	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-3.180000	-0.000909	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-3.350000	-0.000957	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	-3.740000	-0.001069	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-0.680000	-0.000194	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-2.780000	-0.000794	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-3.200000	-0.000914	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	-3.210000	-0.000917	PASS

N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-3.810000	-0.001089	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-4.970000	-0.001420	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-4.010000	-0.001146	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-3.360000	-0.000960	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-4.990000	-0.001426	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-2.340000	-0.000669	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.330000	-0.001523	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-2.880000	-0.000823	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-1.290000	-0.000369	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-3.030000	-0.000866	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-3.680000	-0.001051	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-2.950000	-0.000843	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-3.580000	-0.001023	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-3.770000	-0.001077	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-30	-4.300000	-0.001229	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-20	-2.940000	-0.000840	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-10	-4.790000	-0.001369	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	0	-2.300000	-0.000657	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	10	-3.010000	-0.000860	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	20	-5.500000	-0.001571	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	30	-3.240000	-0.000926	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	40	-4.440000	-0.001269	PASS

3550										
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	50	-5.910000	-0.001689	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-2.040000	-0.000583	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-3.200000	-0.000914	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-10	1.130000	0.000323	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	0	-3.180000	-0.000909	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	10	-4.900000	-0.001400	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	20	-3.610000	-0.001031	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	30	-1.100000	-0.000314	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	40	-3.700000	-0.001057	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	50	-4.660000	-0.001331	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-1.080000	-0.000309	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-6.980000	-0.001994	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-5.640000	-0.001611	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-4.170000	-0.001191	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-3.350000	-0.000957	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	-3.020000	-0.000863	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-3.020000	-0.000863	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-3.010000	-0.000860	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-0.870000	-0.000248	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-1.880000	-0.000537	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-2.470000	-0.000706	PASS

N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-4.350000	-0.001243	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-1.730000	-0.000494	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-6.090000	-0.001740	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	-3.020000	-0.000863	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-2.680000	-0.000766	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-4.620000	-0.001320	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-3.670000	-0.001049	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-3.450000	-0.000985	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-2.630000	-0.000751	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-2.660000	-0.000760	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-3.290000	-0.000940	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-5.040000	-0.001440	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-2.610000	-0.000746	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	-3.190000	-0.000911	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	-0.520000	-0.000149	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	-5.210000	-0.001489	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-6.660000	-0.001903	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-6.230000	-0.001780	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-4.870000	-0.001391	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-5.550000	-0.001586	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-4.430000	-0.001266	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-5.500000	-0.001571	PASS

3550										
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-6.870000	-0.001963	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-2.250000	-0.000643	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-5.320000	-0.001520	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-4.260000	-0.001217	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-6.470000	-0.001849	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-2.810000	-0.000803	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	-5.710000	-0.001631	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	-3.940000	-0.001126	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-4.890000	-0.001397	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-1.350000	-0.000386	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-3.440000	-0.000982	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-3.780000	-0.001080	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-5.790000	-0.001654	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-1.400000	-0.000400	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-6.110000	-0.001746	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-4.590000	-0.001311	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-2.170000	-0.000620	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-7.180000	-0.002051	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-1.850000	-0.000529	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-2.840000	-0.000811	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-2.069999	-0.000591	PASS

N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-6.800000	-0.001943	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-1.000000	-0.000286	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-7.560000	-0.002160	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-3.110000	-0.000889	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-6.500000	-0.001857	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-3.450000	-0.000985	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-5.500000	-0.001571	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-5.720000	-0.001634	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-2.840000	-0.000811	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-5.400000	-0.001440	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-4.780000	-0.001275	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-5.450000	-0.001453	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	0	-2.820000	-0.000752	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	10	-4.480000	-0.001195	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	20	-4.610000	-0.001229	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	30	-3.350000	-0.000893	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	40	-5.420000	-0.001445	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	NV	50	-4.920000	-0.001312	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-5.310000	-0.001416	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-6.650000	-0.001773	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-5.650000	-0.001507	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	0	-5.140000	-0.001371	PASS

3800										
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	10	-4.850000	-0.001293	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	20	-5.230000	-0.001395	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	30	-4.530000	-0.001208	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	40	-5.200000	-0.001387	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	NV	50	-4.620000	-0.001232	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-5.650000	-0.001507	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-4.210000	-0.001123	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-6.070000	-0.001619	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	0	-3.500000	-0.000933	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	10	-7.510000	-0.002003	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	20	-7.640000	-0.002037	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	30	-7.600000	-0.002027	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	40	-3.150000	-0.000840	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	NV	50	-4.750000	-0.001267	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	-30	-3.080000	-0.000821	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	-20	-4.200000	-0.001120	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	-10	-5.670000	-0.001512	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	0	-6.090000	-0.001624	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	10	-6.220000	-0.001659	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	20	-9.420000	-0.002512	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	30	-7.620000	-0.002032	PASS

N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	40	-4.890000	-0.001304	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	NV	50	-1.390000	-0.000371	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-4.890000	-0.001304	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-3.060000	-0.000816	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-3.770000	-0.001005	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	0	-6.140000	-0.001637	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	10	-3.980000	-0.001061	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	20	-4.720000	-0.001259	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	30	-6.700000	-0.001787	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	40	-4.740000	-0.001264	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	NV	50	-5.540000	-0.001477	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-7.880000	-0.002101	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-7.630000	-0.002035	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-6.470000	-0.001725	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	0	-4.450000	-0.001187	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	10	-6.050000	-0.001613	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	20	-5.890000	-0.001571	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	30	-8.480000	-0.002261	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	40	-5.670000	-0.001512	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	NV	50	-6.160000	-0.001643	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-7.680000	-0.002048	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-2.790000	-0.000744	PASS

3800										
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-5.260000	-0.001403	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	0	-6.280000	-0.001675	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	10	-7.800000	-0.002080	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	20	-7.470000	-0.001991	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	30	-6.820000	-0.001819	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	40	-3.810000	-0.001016	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	NV	50	-8.010000	-0.002136	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-4.550000	-0.001213	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-7.800000	-0.002080	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-5.680000	-0.001515	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	0	-5.180000	-0.001381	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	10	-4.260000	-0.001136	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	20	-5.010000	-0.001336	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	30	-6.020000	-0.001605	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	40	-2.730000	-0.000728	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	NV	50	-5.150000	-0.001373	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-5.970000	-0.001592	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-4.190000	-0.001117	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-4.540000	-0.001211	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	0	-2.470000	-0.000659	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	10	-5.890000	-0.001571	PASS

N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	20	-5.510000	-0.001469	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	30	-3.880000	-0.001035	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	40	-5.060000	-0.001349	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	NV	50	-6.490000	-0.001731	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-6.560000	-0.001749	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-5.140000	-0.001371	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-3.090000	-0.000824	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	0	-5.320000	-0.001419	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	10	-7.420000	-0.001978	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	20	-6.650000	-0.001773	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	30	-6.950000	-0.001853	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	40	-6.700000	-0.001787	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	NV	50	-6.430000	-0.001715	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-4.310000	-0.001149	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-5.970000	-0.001592	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-5.760000	-0.001536	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	0	-6.820000	-0.001819	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	10	-6.810000	-0.001816	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	20	-3.960000	-0.001056	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	30	-2.910000	-0.000776	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	40	-4.600000	-0.001227	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	NV	50	-6.300000	-0.001680	PASS

3800										
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-4.600000	-0.001227	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-5.950000	-0.001587	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-4.760000	-0.001269	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	0	-5.690000	-0.001517	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	10	-8.330000	-0.002221	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	20	-7.620000	-0.002032	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	30	-4.880000	-0.001301	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	40	-3.820000	-0.001018	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	NV	50	-6.720000	-0.001792	PASS