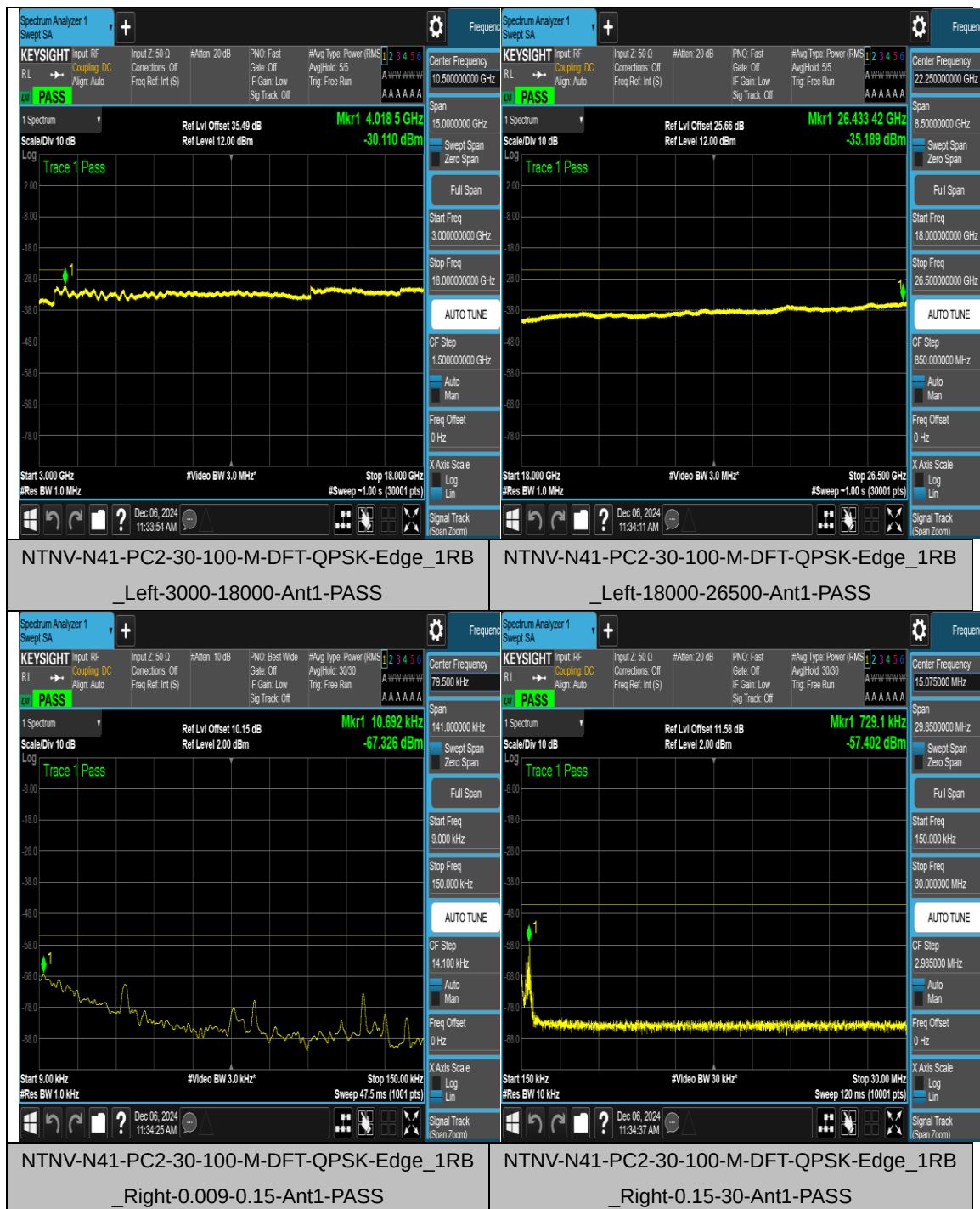
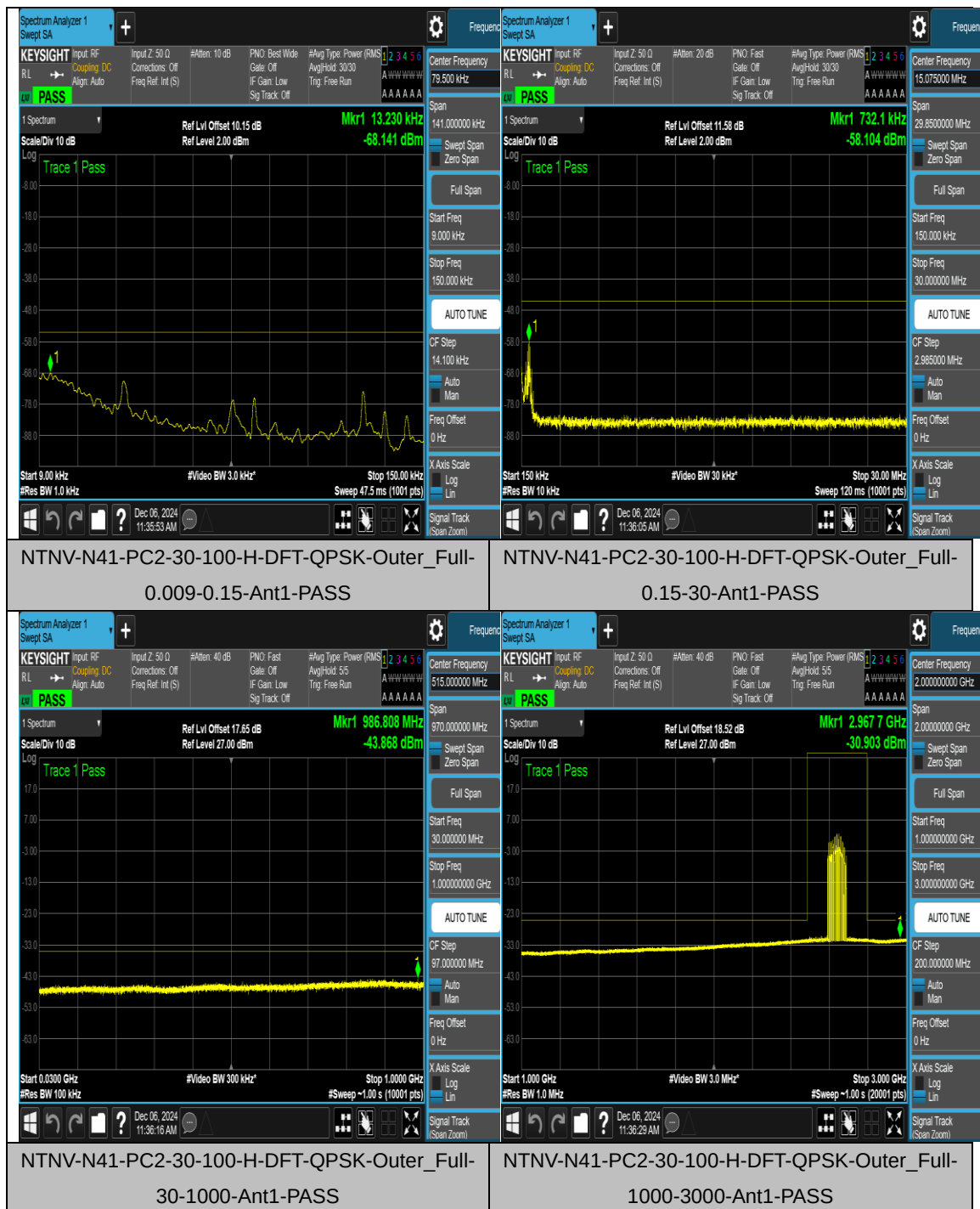
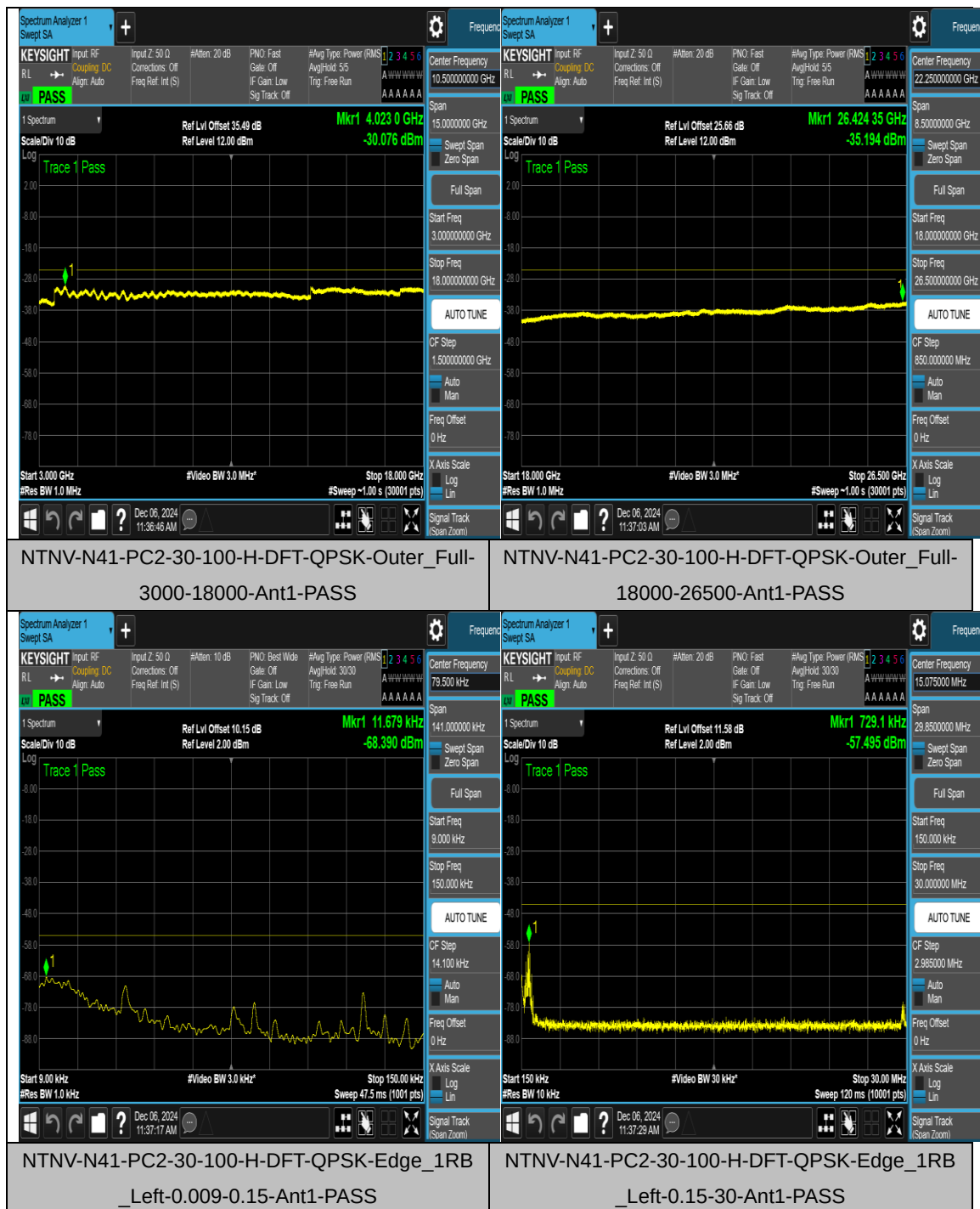






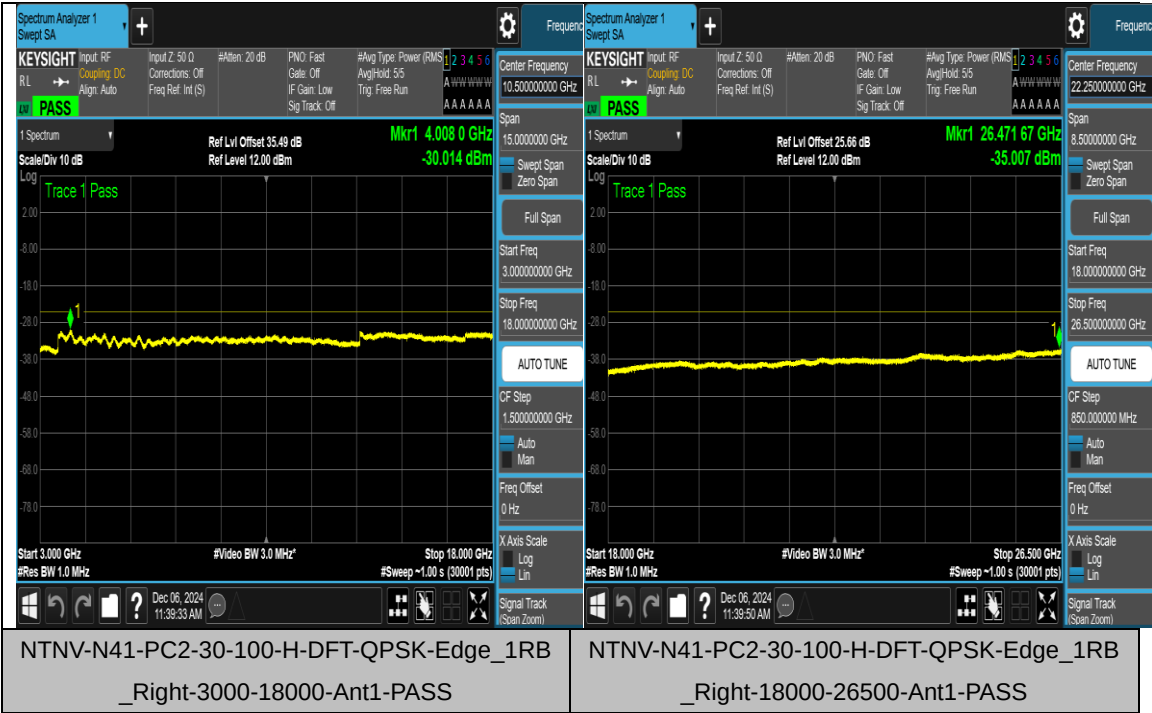












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-4.900000	-0.001955	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-0.800000	-0.000319	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-3.660000	-0.001460	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-1.400000	-0.000559	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-0.710000	-0.000283	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-4.340000	-0.001732	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-2.120000	-0.000818	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-1.750000	-0.000675	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-0.970000	-0.000374	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-0.960000	-0.000370	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VN	NT	1.350000	0.000521	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VH	NT	2.260000	0.000872	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-2.690000	-0.001003	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-2.730000	-0.001018	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-0.160000	-0.000060	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VL	NT	0.150000	0.000056	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-1.280000	-0.000478	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VH	NT	-2.520000	-0.000940	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-4.150000	-0.001653	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VN	NT	-4.070000	-0.001621	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-0.670000	-0.000267	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VL	NT	-6.990000	-0.002784	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VN	NT	-5.140000	-0.002047	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VH	NT	-6.130000	-0.002441	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-6.790000	-0.002619	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-9.770000	-0.003768	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-4.480000	-0.001728	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VL	NT	-6.670000	-0.002572	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VN	NT	2.870000	0.001107	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VH	NT	2.440000	0.000941	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VL	NT	-1.230000	-0.000460	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VN	NT	-1.310000	-0.000490	PASS

N41	30	30	DFT-QPSK	H	Outer_Full	VH	NT	-2.740000	-0.001024	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VL	NT	-10.900000	-0.004074	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VN	NT	-11.760000	-0.004396	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VH	NT	-4.210000	-0.001574	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VL	NT	0.230000	0.000091	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-1.120000	-0.000445	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-7.250000	-0.002882	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VL	NT	0.640000	0.000254	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-2.680000	-0.001065	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VH	NT	3.070000	0.001220	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-7.540000	-0.002908	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-4.520000	-0.001743	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-6.870000	-0.002649	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-3.250000	-0.001253	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-4.070000	-0.001570	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-4.980000	-0.001921	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-2.690000	-0.001007	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-3.630000	-0.001360	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-6.810000	-0.002551	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-6.300000	-0.002360	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-6.260000	-0.002345	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-2.520000	-0.000944	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-3.160000	-0.001253	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-4.690000	-0.001860	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-1.600000	-0.000635	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-5.590000	-0.002217	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-5.440000	-0.002158	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VH	NT	-4.240000	-0.001682	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-2.530000	-0.000976	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-3.190000	-0.001230	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-3.410000	-0.001315	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-3.210000	-0.001238	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-7.650000	-0.002950	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-4.150000	-0.001600	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-2.680000	-0.001006	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-4.670000	-0.001752	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-5.770000	-0.002165	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-0.260000	-0.000098	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-1.630000	-0.000612	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-8.060000	-0.003024	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-0.930000	-0.000368	PASS

N41	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-0.620000	-0.000245	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-2.560000	-0.001013	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-0.570000	-0.000226	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-0.710000	-0.000281	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-3.100000	-0.001227	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-2.640000	-0.001018	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-1.070000	-0.000413	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-0.830000	-0.000320	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-3.380000	-0.001304	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-1.100000	-0.000424	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-3.120000	-0.001203	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-2.790000	-0.001049	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VN	NT	0.170000	0.000064	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-2.660000	-0.001000	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-0.790000	-0.000297	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-2.300000	-0.000865	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-1.720000	-0.000647	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VL	NT	3.340000	0.001320	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VN	NT	0.580000	0.000229	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-1.880000	-0.000743	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-1.210000	-0.000478	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-2.320000	-0.000917	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-0.750000	-0.000296	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-4.720000	-0.001820	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-0.320000	-0.000123	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-4.070000	-0.001570	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-5.590000	-0.002156	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-1.110000	-0.000428	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-3.000000	-0.001157	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-2.630000	-0.000990	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-4.280000	-0.001612	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-6.020000	-0.002267	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-4.150000	-0.001563	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-5.080000	-0.001913	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-1.730000	-0.000652	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-2.049999	-0.000808	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-4.750000	-0.001873	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-0.710000	-0.000280	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-2.960000	-0.001167	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-4.120000	-0.001625	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-1.490000	-0.000588	PASS

N41	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-2.660000	-0.001026	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-6.150000	-0.002372	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-4.330000	-0.001670	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-1.670000	-0.000644	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-2.620000	-0.001010	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-2.170000	-0.000837	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-2.650000	-0.001000	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-4.730000	-0.001785	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VH	NT	0.750000	0.000283	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-5.510000	-0.002079	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-2.630000	-0.000992	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-5.320000	-0.002007	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-3.060000	-0.001204	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-1.220000	-0.000480	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-0.650000	-0.000256	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-3.680000	-0.001448	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-6.590000	-0.002593	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-5.420000	-0.002133	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-0.240000	-0.000093	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VN	NT	0.830000	0.000320	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-0.550000	-0.000212	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VL	NT	2.250000	0.000868	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-3.430000	-0.001323	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-0.450000	-0.000174	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-2.780000	-0.001051	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-1.250000	-0.000473	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-2.930000	-0.001108	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-1.800000	-0.000681	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-0.050000	-0.000019	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-1.640000	-0.000620	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-1.970000	-0.000774	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-5.030000	-0.001976	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-2.260000	-0.000888	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-4.770000	-0.001874	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-0.020000	-0.000008	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VH	NT	1.400000	0.000550	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-2.820000	-0.001088	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-3.130000	-0.001207	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-1.960000	-0.000756	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-5.110000	-0.001971	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-6.570000	-0.002534	PASS

N41	30	100	DFT-16QAM	M	Outer_Full	VH	NT	2.120000	0.000818	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-3.490000	-0.001322	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-1.550000	-0.000587	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VH	NT	0.980000	0.000371	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-1.600000	-0.000606	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-4.240000	-0.001606	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-4.260000	-0.001614	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-30	0.980000	0.000391	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-2.360000	-0.000942	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-3.070000	-0.001225	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	0	-0.390000	-0.000156	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	10	-1.250000	-0.000499	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	20	0.260000	0.000104	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	30	-3.940000	-0.001572	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	40	-2.690000	-0.001073	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	50	-6.970000	-0.002781	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-1.800000	-0.000718	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-20	0.540000	0.000215	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-10	0.330000	0.000132	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	0	-5.690000	-0.002271	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	10	-2.260000	-0.000902	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	20	-2.940000	-0.001173	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	30	-2.020000	-0.000806	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	40	3.000000	0.001197	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	50	-0.670000	-0.000267	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-0.020000	-0.000008	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-3.460000	-0.001334	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-1.070000	-0.000413	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	0	0.060000	0.000023	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	10	3.220000	0.001242	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	20	-3.790000	-0.001462	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	30	-2.900000	-0.001118	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	40	-0.360000	-0.000139	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	50	1.820000	0.000702	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-3.490000	-0.001346	PASS

N41	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-1.800000	-0.000694	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-0.950000	-0.000366	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	0	-2.770000	-0.001068	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	10	-3.450000	-0.001331	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	20	-0.200000	-0.000077	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	30	-0.140000	-0.000054	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	40	-2.320000	-0.000895	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	50	0.180000	0.000069	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-3.340000	-0.001246	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-20	1.960000	0.000731	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-0.670000	-0.000250	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	0	-2.029999	-0.000757	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	10	-1.840000	-0.000687	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	20	-3.170000	-0.001183	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	30	-2.280000	-0.000851	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	40	-2.620000	-0.000977	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	50	-4.450000	-0.001660	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-3.970000	-0.001481	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-1.840000	-0.000687	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-2.690000	-0.001003	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	0	0.500000	0.000187	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	10	-0.220000	-0.000082	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	20	-2.860000	-0.001067	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	30	2.420000	0.000903	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	40	-2.150000	-0.000802	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	50	2.150000	0.000802	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-0.370000	-0.000147	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-20	-4.770000	-0.001900	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-10	-3.280000	-0.001306	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	0	-6.630000	-0.002640	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	10	0.090000	0.000036	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	20	-4.690000	-0.001868	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	30	-7.330000	-0.002919	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	40	-7.430000	-0.002959	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	50	-5.030000	-0.002003	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-30	-10.660000	-0.004245	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-20	-3.760000	-0.001497	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-10	-3.320000	-0.001322	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	0	-3.820000	-0.001521	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	10	-3.460000	-0.001378	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	20	-2.650000	-0.001055	PASS

N41	30	30	DFT-16QAM	L	Outer_Full	NV	30	-4.650000	-0.001852	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	40	-2.690000	-0.001071	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	50	-5.780000	-0.002302	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-7.210000	-0.002781	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-7.260000	-0.002800	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-3.140000	-0.001211	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	0	-5.900000	-0.002275	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	10	-7.410000	-0.002858	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	20	-6.320000	-0.002437	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	30	-3.950000	-0.001523	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	40	-5.350000	-0.002063	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	50	-5.440000	-0.002098	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-30	-7.460000	-0.002877	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-20	-9.380000	-0.003617	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-10	-5.140000	-0.001981	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	0	-3.460000	-0.001334	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	10	-9.400000	-0.003625	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	20	-3.770000	-0.001454	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	30	-7.890000	-0.003043	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	40	-9.450000	-0.003644	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	50	-6.290000	-0.002426	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-7.030000	-0.002628	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-3.040000	-0.001136	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-10	0.430000	0.000161	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	0	-3.770000	-0.001409	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	10	-3.430000	-0.001282	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	20	-1.690000	-0.000632	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	30	-6.880000	-0.002572	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	40	-6.880000	-0.002572	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	50	-5.140000	-0.001922	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-30	-7.070000	-0.002643	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-20	-2.830000	-0.001058	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-10	-1.290000	-0.000482	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	0	1.700000	0.000636	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	10	-3.360000	-0.001256	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	20	-4.780000	-0.001787	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	30	-0.920000	-0.000344	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	40	-3.440000	-0.001286	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	50	-5.690000	-0.002127	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-2.740000	-0.001089	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-1.010000	-0.000401	PASS

N41	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-7.220000	-0.002870	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	0	-1.470000	-0.000584	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	10	-3.150000	-0.001252	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	20	-4.850000	-0.001928	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	30	-2.210000	-0.000878	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	40	-6.340000	-0.002520	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	50	-3.520000	-0.001399	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-1.590000	-0.000632	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-5.480000	-0.002178	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-10	-1.810000	-0.000719	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	0	-4.220000	-0.001677	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	10	-0.930000	-0.000370	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	20	-4.059999	-0.001614	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	30	-6.740000	-0.002679	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	40	-0.240000	-0.000095	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	50	-1.010000	-0.000401	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-5.160000	-0.001990	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-2.250000	-0.000868	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-4.420000	-0.001705	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	0	0.810000	0.000312	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	10	-5.720000	-0.002206	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	20	-4.900000	-0.001890	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	30	-5.600000	-0.002160	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	40	-4.690000	-0.001809	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	50	-3.910000	-0.001508	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-3.090000	-0.001192	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-6.310000	-0.002433	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-8.510000	-0.003282	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	0	-6.460000	-0.002491	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	10	-3.690000	-0.001423	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	20	-5.540000	-0.002137	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	30	-6.020000	-0.002322	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	40	-5.610000	-0.002164	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	50	-2.470000	-0.000953	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-9.150000	-0.003427	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-7.450000	-0.002790	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-6.780000	-0.002539	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	0	-9.180000	-0.003438	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	10	-5.370000	-0.002011	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	20	-6.860000	-0.002569	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	30	-2.380000	-0.000891	PASS

N41	30	40	DFT-QPSK	H	Outer_Full	NV	40	-7.210000	-0.002700	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	50	-9.280000	-0.003476	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-5.220000	-0.001955	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-4.480000	-0.001678	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-10	-4.930000	-0.001846	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	0	-2.650000	-0.000993	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	10	-2.580000	-0.000966	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	20	-3.090000	-0.001157	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	30	-3.640000	-0.001363	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	40	-5.690000	-0.002131	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	50	-3.420000	-0.001281	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-7.350000	-0.002915	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-3.290000	-0.001305	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-4.680000	-0.001856	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	0	-0.530000	-0.000210	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	10	1.250000	0.000496	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	20	-4.820000	-0.001912	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	30	-0.390000	-0.000155	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	40	0.880000	0.000349	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	50	-3.810000	-0.001511	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-30	0.530000	0.000210	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-3.650000	-0.001448	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-2.020000	-0.000801	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	0	0.580000	0.000230	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	10	-4.520000	-0.001793	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	20	-1.600000	-0.000635	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	30	-3.940000	-0.001563	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	40	-0.720000	-0.000286	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	50	-4.030000	-0.001599	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-1.500000	-0.000578	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-20	2.130000	0.000821	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-10	0.000000	0.000000	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	0	-5.680000	-0.002191	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	10	-1.120000	-0.000432	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	20	-4.850000	-0.001870	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	30	-4.800000	-0.001851	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	40	-6.660000	-0.002568	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	50	-2.620000	-0.001010	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-2.340000	-0.000902	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-20	2.950000	0.001138	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-2.320000	-0.000895	PASS

N41	30	50	DFT-16QAM	M	Outer_Full	NV	0	-4.200000	-0.001620	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	10	-1.930000	-0.000744	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	20	-0.750000	-0.000289	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	30	-1.570000	-0.000605	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	40	-2.000000	-0.000771	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	50	-4.019999	-0.001550	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-4.270000	-0.001602	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-4.560000	-0.001711	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-3.380000	-0.001268	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	0	-0.680000	-0.000255	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	10	-3.090000	-0.001159	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	20	-2.930000	-0.001099	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	30	-2.920000	-0.001096	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	40	0.260000	0.000098	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	50	-2.990000	-0.001122	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-2.370000	-0.000889	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-2.170000	-0.000814	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-2.760000	-0.001036	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	0	-3.500000	-0.001313	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	10	-4.220000	-0.001583	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	20	-0.440000	-0.000165	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	30	-4.650000	-0.001745	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	40	-1.930000	-0.000724	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	50	-2.100000	-0.000788	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-0.960000	-0.000380	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-3.200000	-0.001267	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-1.200000	-0.000475	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	0	-0.130000	-0.000051	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	10	-2.340000	-0.000926	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	20	-2.650000	-0.001049	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	30	-4.560000	-0.001805	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	40	-2.610000	-0.001033	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	50	-3.660000	-0.001449	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-2.350000	-0.000930	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-3.780000	-0.001496	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-10	2.120000	0.000839	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	0	-3.870000	-0.001532	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	10	-0.260000	-0.000103	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	20	3.210000	0.001271	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	30	-1.570000	-0.000622	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	40	-2.250000	-0.000891	PASS

N41	30	60	DFT-16QAM	L	Outer_Full	NV	50	0.280000	0.000111	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-2.310000	-0.000891	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-1.830000	-0.000706	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-4.200000	-0.001620	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	0	-3.230000	-0.001246	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	10	0.300000	0.000116	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	20	-0.560000	-0.000216	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	30	-2.530000	-0.000976	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	40	-0.280000	-0.000108	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	50	-6.080000	-0.002345	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-30	2.390000	0.000922	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-2.440000	-0.000941	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-10	-0.300000	-0.000116	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	0	-0.660000	-0.000255	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	10	-0.890000	-0.000343	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	20	-5.140000	-0.001981	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	30	-4.580000	-0.001766	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	40	-1.330000	-0.000513	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	50	-1.870000	-0.000721	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-4.810000	-0.001808	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-4.110000	-0.001545	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-1.190000	-0.000447	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	0	-5.970000	-0.002244	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	10	-1.060000	-0.000398	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	20	-1.600000	-0.000602	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	30	-1.220000	-0.000459	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	40	0.050000	0.000019	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	50	-0.870000	-0.000327	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-3.810000	-0.001432	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-1.120000	-0.000421	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-5.140000	-0.001932	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	0	-5.320000	-0.002000	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	10	-0.320000	-0.000120	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	20	-0.160000	-0.000060	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	30	0.620000	0.000233	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	40	-0.260000	-0.000098	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	50	-4.270000	-0.001605	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-30	1.840000	0.000727	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-20	0.460000	0.000182	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-10	0.080000	0.000032	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	0	-0.170000	-0.000067	PASS

N41	30	70	DFT-QPSK	L	Outer_Full	NV	10	2.660000	0.001051	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	20	-0.740000	-0.000292	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	30	-0.710000	-0.000281	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	40	-0.430000	-0.000170	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	50	1.130000	0.000446	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-0.200000	-0.000079	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-0.300000	-0.000119	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-1.410000	-0.000557	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	0	-2.330000	-0.000921	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	10	-2.890000	-0.001142	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	20	-0.190000	-0.000075	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	30	-3.380000	-0.001335	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	40	-2.710000	-0.001071	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	50	-5.310000	-0.002098	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-0.300000	-0.000116	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-1.110000	-0.000428	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-3.000000	-0.001157	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	0	-6.020000	-0.002322	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	10	-7.690000	-0.002966	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	20	-4.040000	-0.001558	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	30	0.590000	0.000228	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	40	-4.570000	-0.001762	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	50	-3.340000	-0.001288	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-1.540000	-0.000594	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-2.000000	-0.000771	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-10	2.160000	0.000833	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	0	-4.680000	-0.001805	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	10	0.660000	0.000255	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	20	-2.180000	-0.000841	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	30	-1.630000	-0.000629	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	40	-1.310000	-0.000505	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	50	-5.320000	-0.002052	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-1.200000	-0.000452	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-0.400000	-0.000151	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-1.610000	-0.000606	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	0	-0.860000	-0.000324	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	10	-4.560000	-0.001718	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	20	-1.460000	-0.000550	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	30	-0.840000	-0.000316	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	40	-2.210000	-0.000832	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	50	-2.810000	-0.001058	PASS

N41	30	70	DFT-16QAM	H	Outer_Full	NV	-30	0.400000	0.000151	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-0.280000	-0.000105	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-3.860000	-0.001454	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	0	-3.150000	-0.001186	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	10	3.550000	0.001337	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	20	-3.460000	-0.001303	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	30	-1.560000	-0.000588	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	40	-3.250000	-0.001224	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	50	-3.670000	-0.001382	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-0.810000	-0.000319	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-4.370000	-0.001723	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-4.550000	-0.001794	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	0	-2.840000	-0.001120	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	10	-0.920000	-0.000363	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	20	-4.760000	-0.001877	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	30	-3.190000	-0.001258	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	40	-0.720000	-0.000284	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	50	-0.600000	-0.000237	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-30	1.270000	0.000501	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-2.510000	-0.000990	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-0.560000	-0.000221	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	0	-2.820000	-0.001112	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	10	-2.640000	-0.001041	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	20	-3.420000	-0.001349	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	30	-0.660000	-0.000260	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	40	-4.420000	-0.001743	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	50	-5.530000	-0.002181	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-6.630000	-0.002557	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-4.030000	-0.001554	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-6.170000	-0.002379	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	0	-2.550000	-0.000982	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	10	-3.630000	-0.001400	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	20	-5.750000	-0.002218	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	30	-1.860000	-0.000717	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	40	-2.850000	-0.001099	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	50	-4.240000	-0.001635	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-4.700000	-0.001813	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-5.480000	-0.002113	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-6.430000	-0.002480	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	0	-1.210000	-0.000467	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	10	-2.510000	-0.000968	PASS

N41	30	80	DFT-16QAM	M	Outer_Full	NV	20	-2.720000	-0.001049	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	30	-5.000000	-0.001928	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	40	-3.860000	-0.001489	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	50	-3.510000	-0.001354	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-4.530000	-0.001709	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-20	0.110000	0.000042	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-4.730000	-0.001785	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	0	-0.970000	-0.000366	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	10	-2.980000	-0.001125	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	20	-4.200000	-0.001585	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	30	-2.730000	-0.001030	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	40	-2.600000	-0.000981	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	50	-5.600000	-0.002113	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-0.500000	-0.000189	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-4.200000	-0.001585	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-10	-4.450000	-0.001679	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	0	-4.660000	-0.001758	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	10	-0.540000	-0.000204	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	20	-1.340000	-0.000506	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	30	-2.540000	-0.000958	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	40	-2.870000	-0.001083	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	50	-3.400000	-0.001283	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-3.040000	-0.001196	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-0.130000	-0.000051	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-4.160000	-0.001637	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	0	-4.370000	-0.001720	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	10	-3.180000	-0.001251	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	20	-1.180000	-0.000464	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	30	-1.890000	-0.000744	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	40	0.470000	0.000185	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	50	-2.960000	-0.001165	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-0.830000	-0.000327	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-1.360000	-0.000535	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-3.490000	-0.001373	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	0	-3.190000	-0.001255	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	10	-0.820000	-0.000323	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	20	0.740000	0.000291	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	30	-3.160000	-0.001244	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	40	-2.450000	-0.000964	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	50	0.780000	0.000307	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-6.010000	-0.002318	PASS

N41	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-0.730000	-0.000282	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-5.980000	-0.002306	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	0	-1.950000	-0.000752	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	10	-3.270000	-0.001261	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	20	-5.400000	-0.002083	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	30	-6.970000	-0.002688	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	40	-1.510000	-0.000582	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	50	-4.580000	-0.001766	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-30	-4.370000	-0.001685	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-3.190000	-0.001230	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-2.730000	-0.001053	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	0	0.170000	0.000066	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	10	-1.720000	-0.000663	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	20	-2.300000	-0.000887	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	30	-5.530000	-0.002133	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	40	-0.710000	-0.000274	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	50	-2.810000	-0.001084	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-2.980000	-0.001127	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-2.140000	-0.000809	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-2.800000	-0.001059	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	0	-4.099999	-0.001550	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	10	-3.440000	-0.001301	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	20	-6.300000	-0.002382	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	30	-1.450000	-0.000548	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	40	-2.880000	-0.001089	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	50	-1.750000	-0.000662	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-30	0.780000	0.000295	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-1.430000	-0.000541	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-3.760000	-0.001422	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	0	1.960000	0.000741	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	10	-1.790000	-0.000677	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	20	-2.870000	-0.001085	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	30	-1.310000	-0.000495	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	40	-1.620000	-0.000612	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	50	-1.520000	-0.000575	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-30	-1.160000	-0.000456	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-2.060000	-0.000809	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-2.069999	-0.000813	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	0	-1.690000	-0.000664	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	10	-2.560000	-0.001005	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	20	-1.010000	-0.000397	PASS

N41	30	100	DFT-QPSK	L	Outer_Full	NV	30	3.780000	0.001485	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	40	-1.470000	-0.000577	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	50	2.340000	0.000919	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-1.530000	-0.000601	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-20	1.790000	0.000703	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-10	1.600000	0.000628	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	0	-2.110000	-0.000829	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	10	-2.220000	-0.000872	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	20	-0.730000	-0.000287	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	30	-3.430000	-0.001347	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	40	-2.040000	-0.000801	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	50	0.110000	0.000043	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-2.830000	-0.001091	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-1.160000	-0.000447	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-0.490000	-0.000189	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	0	0.730000	0.000282	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	10	-5.440000	-0.002098	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	20	-2.830000	-0.001091	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	30	-2.060000	-0.000794	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	40	-0.820000	-0.000316	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	50	-2.650000	-0.001021	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-3.690000	-0.001423	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-3.410000	-0.001315	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-5.450000	-0.002102	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	0	-2.580000	-0.000995	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	10	-4.030000	-0.001554	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	20	-4.590000	-0.001770	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	30	-2.560000	-0.000987	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	40	-2.590000	-0.000999	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	50	-3.440000	-0.001327	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-6.560000	-0.002485	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-0.510000	-0.000193	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-4.110000	-0.001557	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	0	-2.060000	-0.000780	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	10	-5.230000	-0.001981	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	20	-3.870000	-0.001466	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	30	-1.440000	-0.000545	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	40	1.570000	0.000595	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	50	-3.030000	-0.001148	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-0.960000	-0.000364	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-20	-1.220000	-0.000462	PASS

N41	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-0.580000	-0.000220	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	0	-3.260000	-0.001235	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	10	0.720000	0.000273	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	20	-4.010000	-0.001519	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	30	-1.870000	-0.000708	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	40	-2.410000	-0.000913	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	50	-4.380000	-0.001659	PASS