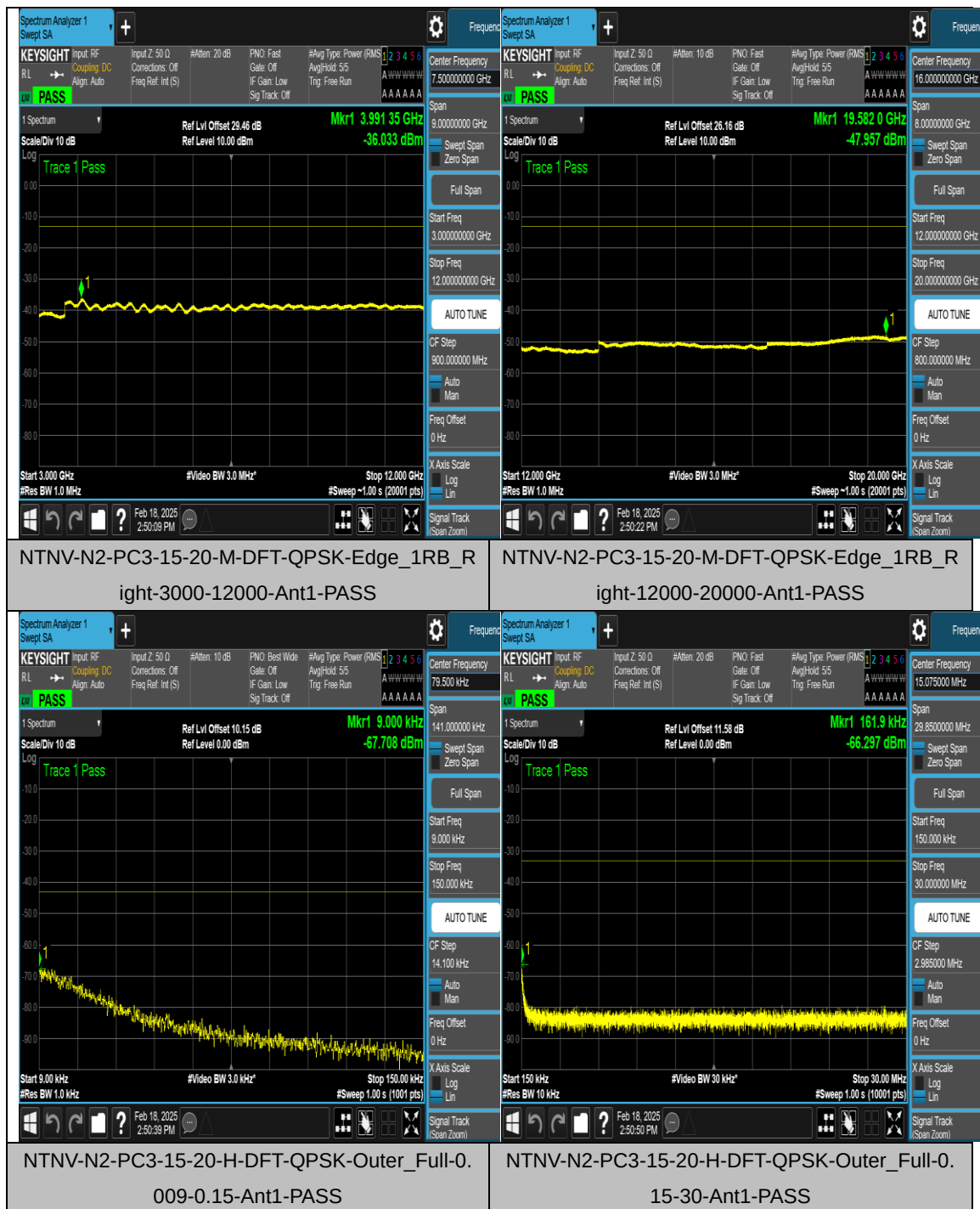


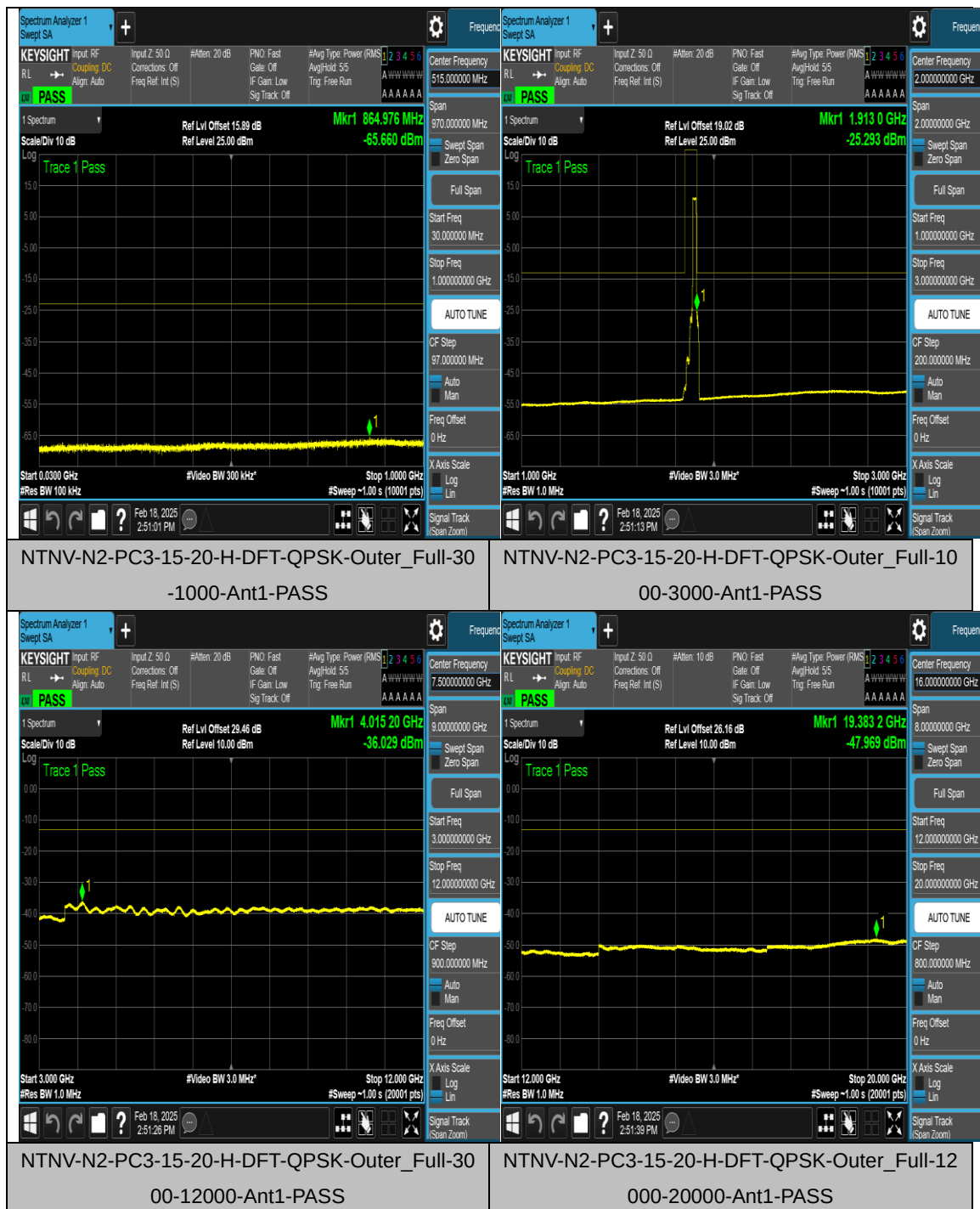


















Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	VL	NT	2.190000	0.001182	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VN	NT	1.380000	0.000745	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VH	NT	1.180000	0.000637	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VL	NT	0.570000	0.000308	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VN	NT	0.700000	0.000378	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VH	NT	1.740000	0.000939	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VL	NT	1.110000	0.000590	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VN	NT	0.460000	0.000245	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-0.480000	-0.000255	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-1.860000	-0.000989	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-0.280000	-0.000149	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VH	NT	0.040000	0.000021	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-0.450000	-0.000236	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VN	NT	0.850000	0.000446	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VH	NT	0.100000	0.000052	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VL	NT	1.170000	0.000613	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-0.140000	-0.000073	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-1.090000	-0.000571	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-0.620000	-0.000334	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VN	NT	2.029999	0.001094	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VH	NT	0.850000	0.000458	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VL	NT	0.380000	0.000205	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VN	NT	0.020000	0.000011	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VH	NT	0.390000	0.000210	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VL	NT	0.150000	0.000080	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-1.180000	-0.000628	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-0.050000	-0.000027	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-0.520000	-0.000277	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-1.280000	-0.000681	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-0.920000	-0.000488	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VL	NT	1.370000	0.000719	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VN	NT	0.420000	0.000220	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VH	NT	2.440000	0.001281	PASS

N2	15	10	DFT-16QAM	H	Outer_Full	VL	NT	3.450000	0.001811	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VN	NT	1.110000	0.000583	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VH	NT	1.950000	0.001024	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-0.790000	-0.000425	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-0.430000	-0.000231	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-0.580000	-0.000312	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-0.060000	-0.000032	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VN	NT	1.140000	0.000614	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-1.100000	-0.000592	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VL	NT	0.860000	0.000457	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VN	NT	0.650000	0.000346	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VH	NT	1.290000	0.000686	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-0.830000	-0.000441	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VN	NT	0.180000	0.000096	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-1.400000	-0.000745	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VL	NT	1.150000	0.000604	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VN	NT	0.960000	0.000505	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-0.320000	-0.000168	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-0.640000	-0.000336	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-0.250000	-0.000131	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VH	NT	1.180000	0.000620	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-4.040000	-0.002172	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-4.250000	-0.002285	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-4.580000	-0.002462	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-3.280000	-0.001763	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-2.710000	-0.001457	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-4.820000	-0.002591	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.200000	-0.002766	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-6.720000	-0.003574	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-5.710000	-0.003037	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-6.020000	-0.003202	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-4.650000	-0.002473	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-5.760000	-0.003064	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-5.280000	-0.002779	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-6.010000	-0.003163	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-4.690000	-0.002468	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-5.640000	-0.002968	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-5.500000	-0.002895	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-4.040000	-0.002126	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	L	Outer_Full	NV	-30	2.640000	0.001425	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-20	1.740000	0.000939	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-10	0.560000	0.000302	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	0	1.560000	0.000842	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	10	-0.330000	-0.000178	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	20	-0.030000	-0.000016	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	30	1.360000	0.000734	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	40	1.560000	0.000842	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	50	2.630000	0.001420	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-30	1.620000	0.000874	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-20	2.650000	0.001430	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-0.180000	-0.000097	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	0	2.460000	0.001328	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	10	3.550000	0.001916	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	20	1.940000	0.001047	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	30	2.060000	0.001112	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	40	2.630000	0.001420	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	50	1.790000	0.000966	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-1.220000	-0.000649	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-0.990000	-0.000527	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-10	1.220000	0.000649	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	0	-1.020000	-0.000543	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	10	-0.850000	-0.000452	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	20	-1.720000	-0.000915	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	30	-0.220000	-0.000117	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	40	-1.170000	-0.000622	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	50	-0.480000	-0.000255	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-30	0.770000	0.000410	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-20	1.040000	0.000553	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-10	-0.540000	-0.000287	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	0	-0.650000	-0.000346	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	10	-1.490000	-0.000793	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	20	0.120000	0.000064	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	30	-0.740000	-0.000394	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	40	1.400000	0.000745	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	50	-0.660000	-0.000351	PASS

N2	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-0.400000	-0.000210	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-20	0.570000	0.000299	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-10	0.960000	0.000503	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	0	0.800000	0.000419	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	10	0.120000	0.000063	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	20	-1.100000	-0.000577	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	30	0.830000	0.000435	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	40	-0.080000	-0.000042	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	50	-1.220000	-0.000640	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-1.000000	-0.000524	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-0.370000	-0.000194	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-10	0.100000	0.000052	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	0	-0.850000	-0.000446	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	10	-0.170000	-0.000089	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	20	0.540000	0.000283	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	30	1.840000	0.000965	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	40	-0.350000	-0.000183	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	50	0.780000	0.000409	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-30	0.890000	0.000480	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-20	1.320000	0.000712	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-10	0.650000	0.000350	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	0	2.009999	0.001084	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	10	-0.230000	-0.000124	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	20	-1.150000	-0.000620	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	30	1.980000	0.001067	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	40	0.410000	0.000221	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	50	1.440000	0.000776	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-0.330000	-0.000178	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-20	0.060000	0.000032	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-10	0.500000	0.000270	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	0	-0.240000	-0.000129	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	10	0.660000	0.000356	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	20	0.620000	0.000334	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	30	2.670000	0.001439	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	40	0.400000	0.000216	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	50	0.610000	0.000329	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-30	0.120000	0.000064	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-1.960000	-0.001043	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-0.980000	-0.000521	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	0	0.750000	0.000399	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	10	0.000000	0.000000	PASS

N2	15	10	DFT-QPSK	M	Outer_Full	NV	20	-0.180000	-0.000096	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	30	0.540000	0.000287	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	40	-0.510000	-0.000271	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	50	-0.390000	-0.000207	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-0.880000	-0.000468	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-1.340000	-0.000713	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-0.300000	-0.000160	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	0	-0.540000	-0.000287	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	10	0.070000	0.000037	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	20	0.510000	0.000271	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	30	-0.080000	-0.000043	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	40	0.080000	0.000043	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	50	-0.020000	-0.000011	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-30	2.700000	0.001417	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-20	0.570000	0.000299	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-10	2.170000	0.001139	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	0	1.470000	0.000772	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	10	0.650000	0.000341	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	20	1.600000	0.000840	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	30	1.580000	0.000829	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	40	1.390000	0.000730	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	50	2.600000	0.001365	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-30	0.890000	0.000467	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-20	1.450000	0.000761	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-10	2.610000	0.001370	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	0	2.360000	0.001239	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	10	-0.220000	-0.000115	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	20	1.920000	0.001008	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	30	0.420000	0.000220	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	40	1.040000	0.000546	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	50	2.650000	0.001391	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-30	0.060000	0.000032	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-0.590000	-0.000318	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-10	0.810000	0.000436	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	0	-0.690000	-0.000371	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	10	-0.930000	-0.000501	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	20	0.250000	0.000135	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	30	-2.060000	-0.001109	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	40	-1.560000	-0.000840	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	50	0.250000	0.000135	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-30	0.720000	0.000388	PASS

N2	15	15	DFT-16QAM	L	Outer_Full	NV	-20	0.710000	0.000382	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-10	0.660000	0.000355	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	0	0.520000	0.000280	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	10	0.610000	0.000328	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	20	0.060000	0.000032	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	30	-0.140000	-0.000075	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	40	0.810000	0.000436	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	50	-0.870000	-0.000468	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-1.420000	-0.000755	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.040000	-0.000553	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-10	0.090000	0.000048	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	0	-0.470000	-0.000250	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	10	-0.940000	-0.000500	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	20	-0.600000	-0.000319	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	30	1.800000	0.000957	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	40	-0.750000	-0.000399	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	50	-0.380000	-0.000202	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-30	0.810000	0.000431	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-0.840000	-0.000447	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-1.570000	-0.000835	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	0	-1.520000	-0.000809	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	10	0.330000	0.000176	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	20	-0.140000	-0.000074	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	30	1.050000	0.000559	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	40	-0.280000	-0.000149	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	50	-1.550000	-0.000824	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-0.470000	-0.000247	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-0.250000	-0.000131	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-1.420000	-0.000746	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	0	-0.890000	-0.000468	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	10	-0.450000	-0.000237	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	20	-0.630000	-0.000331	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	30	0.540000	0.000284	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	40	-1.560000	-0.000820	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	50	0.180000	0.000095	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-30	0.190000	0.000100	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-0.070000	-0.000037	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-10	0.270000	0.000142	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	0	-0.710000	-0.000373	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	10	0.330000	0.000173	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	20	-0.670000	-0.000352	PASS

N2	15	15	DFT-16QAM	H	Outer_Full	NV	30	-0.250000	-0.000131	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	40	-0.700000	-0.000368	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	50	-0.550000	-0.000289	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-5.230000	-0.002812	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-4.080000	-0.002194	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-3.860000	-0.002075	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	0	-5.640000	-0.003032	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	10	-5.360000	-0.002882	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	20	-4.290000	-0.002306	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	30	-3.930000	-0.002113	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	40	-4.080000	-0.002194	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	50	-4.370000	-0.002349	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-2.830000	-0.001522	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-3.200000	-0.001720	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-4.470000	-0.002403	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	0	-3.160000	-0.001699	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	10	-5.660000	-0.003043	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	20	-4.480000	-0.002409	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	30	-3.640000	-0.001957	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	40	-2.970000	-0.001597	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	50	-3.190000	-0.001715	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-6.290000	-0.003346	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-4.470000	-0.002378	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-6.460000	-0.003436	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	0	-5.980000	-0.003181	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	10	-5.640000	-0.003000	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	20	-5.270000	-0.002803	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	30	-6.340000	-0.003372	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	40	-4.990000	-0.002654	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	50	-6.220000	-0.003309	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-5.300000	-0.002819	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-4.610000	-0.002452	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-6.480000	-0.003447	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	0	-6.460000	-0.003436	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	10	-5.540000	-0.002947	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	20	-5.670000	-0.003016	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	30	-6.260000	-0.003330	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	40	-6.430000	-0.003420	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	50	-5.910000	-0.003144	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-5.330000	-0.002805	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-4.750000	-0.002500	PASS

N2	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-5.680000	-0.002989	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	0	-4.870000	-0.002563	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	10	-4.790000	-0.002521	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	20	-4.940000	-0.002600	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	30	-4.410000	-0.002321	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	40	-5.770000	-0.003037	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	50	-6.500000	-0.003421	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-3.510000	-0.001847	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-5.110000	-0.002689	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-5.160000	-0.002716	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.750000	-0.003026	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	10	-4.830000	-0.002542	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	20	-6.070000	-0.003195	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	30	-4.320000	-0.002274	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	40	-5.770000	-0.003037	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	50	-5.610000	-0.002953	PASS