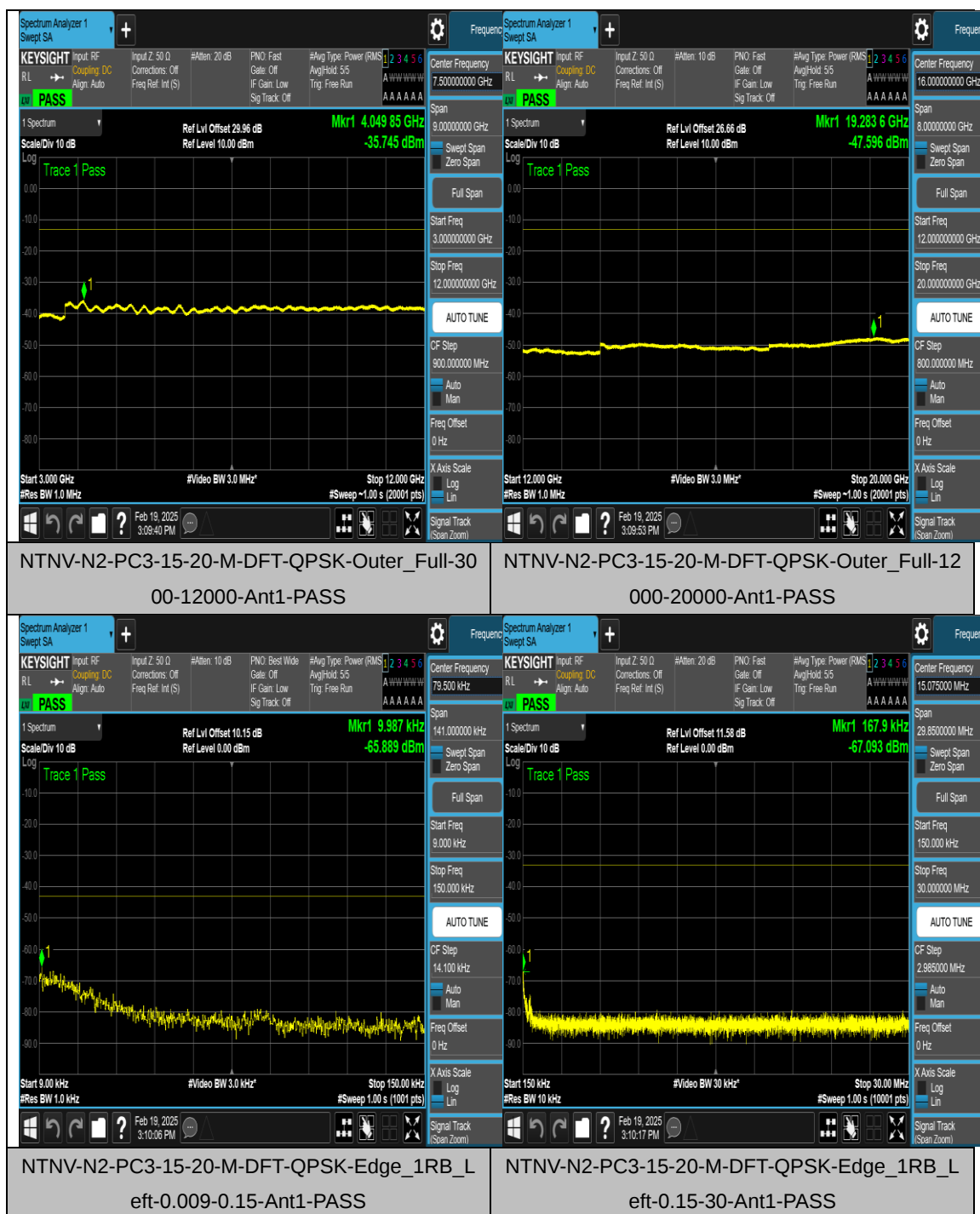
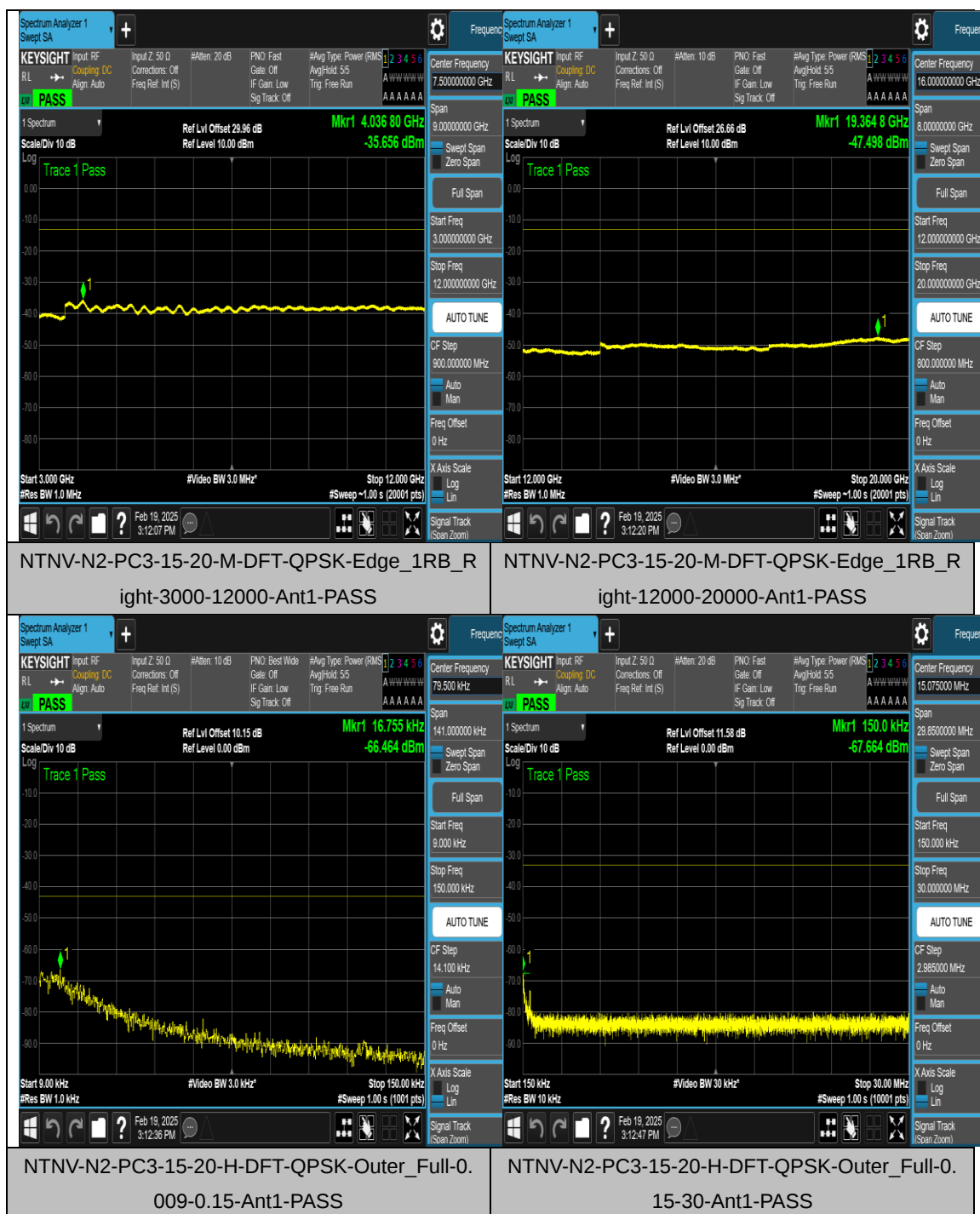






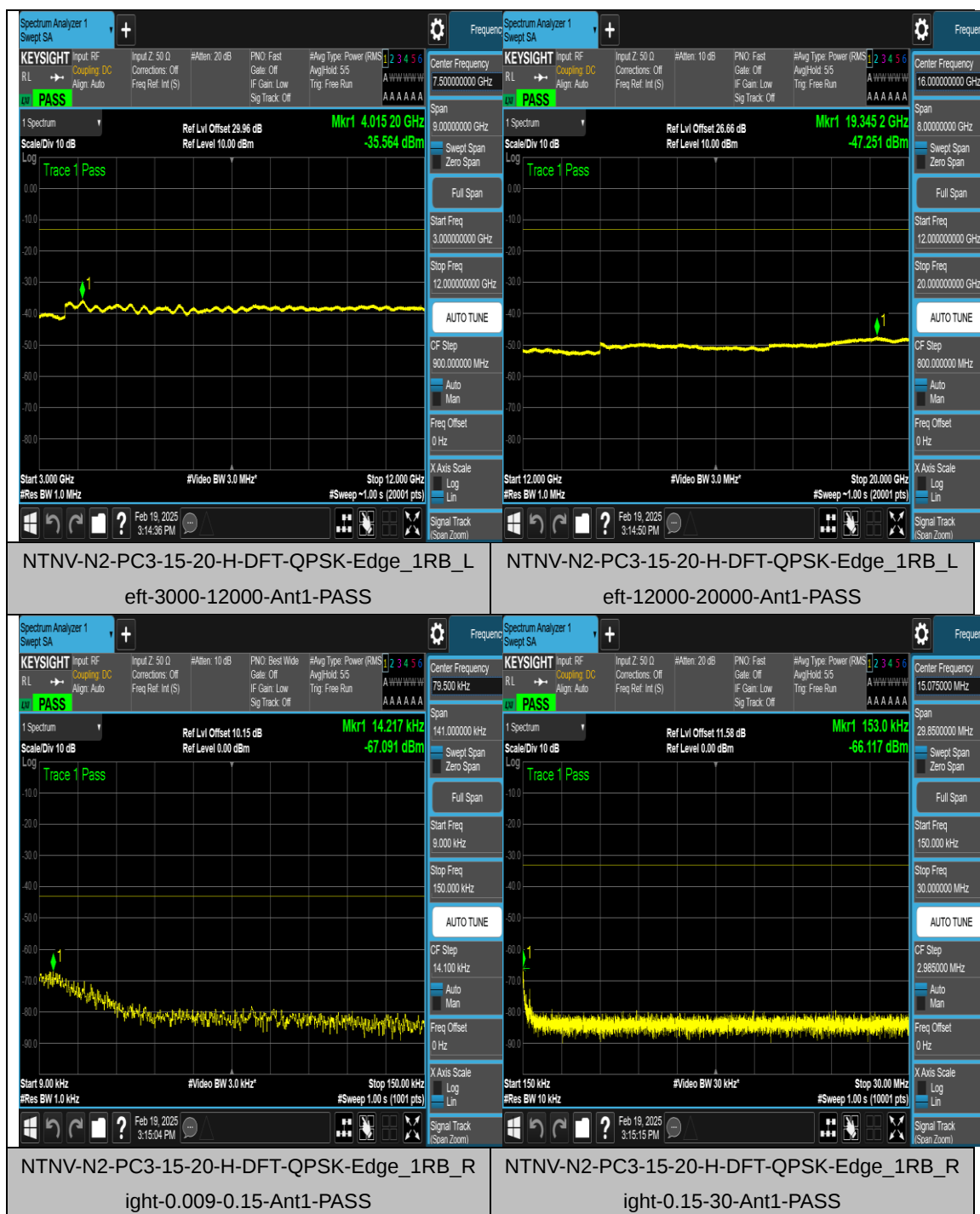














Appendix F: Frequency Stability for SA

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	-2.990000	-0.001614	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-2.450000	-0.001323	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-3.280000	-0.001771	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-3.520000	-0.001900	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-2.590000	-0.001398	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-2.140000	-0.001155	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VL	NT	0.310000	0.000165	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-1.440000	-0.000766	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VH	NT	0.880000	0.000468	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-1.210000	-0.000644	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-0.110000	-0.000059	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VH	NT	0.620000	0.000330	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VL	NT	2.560000	0.001342	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VN	NT	2.140000	0.001122	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VH	NT	1.000000	0.000524	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VL	NT	1.550000	0.000813	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VN	NT	1.380000	0.000723	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VH	NT	0.280000	0.000147	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-0.650000	-0.000350	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-2.820000	-0.001520	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-0.670000	-0.000361	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-3.050000	-0.001644	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-1.430000	-0.000771	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-0.280000	-0.000151	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VL	NT	0.080000	0.000043	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VN	NT	0.290000	0.000154	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VH	NT	1.090000	0.000580	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-1.180000	-0.000628	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-0.770000	-0.000410	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VH	NT	1.000000	0.000532	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VL	NT	2.150000	0.001129	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VN	NT	1.910000	0.001003	PASS

N2	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-0.110000	-0.000058	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VL	NT	1.830000	0.000961	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-0.350000	-0.000184	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VH	NT	1.070000	0.000562	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VL	NT	0.780000	0.000420	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VN	NT	1.600000	0.000861	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-0.020000	-0.000011	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-0.610000	-0.000328	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VN	NT	-0.720000	-0.000388	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-0.110000	-0.000059	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VL	NT	2.960000	0.001574	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VN	NT	1.670000	0.000888	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-0.860000	-0.000457	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VL	NT	1.130000	0.000601	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-1.220000	-0.000649	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-2.150000	-0.001144	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VL	NT	0.100000	0.000053	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VN	NT	1.620000	0.000852	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VH	NT	0.690000	0.000363	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-1.600000	-0.000841	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VN	NT	0.710000	0.000373	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VH	NT	2.060000	0.001083	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-2.310000	-0.001242	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-1.650000	-0.000887	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-2.080000	-0.001118	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-3.300000	-0.001774	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-3.060000	-0.001645	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-2.820000	-0.001516	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-4.120000	-0.002191	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-2.190000	-0.001165	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-5.030000	-0.002676	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-5.300000	-0.002819	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-2.700000	-0.001436	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-5.110000	-0.002718	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.810000	-0.002532	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-4.050000	-0.002132	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-5.720000	-0.003011	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-6.220000	-0.003274	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-7.560000	-0.003979	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-5.810000	-0.003058	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	-3.180000	-0.001717	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-2.220000	-0.001198	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-1.510000	-0.000815	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	0	-0.710000	-0.000383	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	10	-4.070000	-0.002197	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	20	-1.080000	-0.000583	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	30	-1.690000	-0.000912	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	40	-2.180000	-0.001177	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	50	-2.049999	-0.001107	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-2.100000	-0.001134	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-3.950000	-0.002132	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-3.990000	-0.002154	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	0	-3.700000	-0.001997	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	10	-1.830000	-0.000988	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	20	-4.460000	-0.002408	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	30	-2.200000	-0.001188	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	40	-2.900000	-0.001565	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	50	-2.420000	-0.001306	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-2.580000	-0.001372	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-20	1.300000	0.000691	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-10	2.080000	0.001106	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	0	-1.110000	-0.000590	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	10	-1.040000	-0.000553	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	20	1.010000	0.000537	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	30	-0.120000	-0.000064	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	40	0.620000	0.000330	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.560000	0.000298	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-0.110000	-0.000059	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-20	2.140000	0.001138	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	0.380000	0.000202	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	10	-0.070000	-0.000037	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	20	-0.200000	-0.000106	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	30	0.220000	0.000117	PASS

N2	15	5	DFT-16QAM	M	Outer_Full	NV	40	-0.050000	-0.000027	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	50	-0.190000	-0.000101	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-30	3.000000	0.001573	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-0.510000	-0.000267	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-10	2.060000	0.001080	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	0	2.990000	0.001567	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	10	0.050000	0.000026	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	20	0.590000	0.000309	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	30	3.790000	0.001987	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	40	3.970000	0.002081	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	50	2.810000	0.001473	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-30	1.140000	0.000598	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-20	2.600000	0.001363	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-10	0.310000	0.000163	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	0	1.090000	0.000571	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	10	1.160000	0.000608	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	20	3.150000	0.001651	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	30	1.800000	0.000944	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	40	2.520000	0.001321	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	50	1.510000	0.000792	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-2.170000	-0.001170	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-0.890000	-0.000480	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-0.070000	-0.000038	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	0	-1.140000	-0.000615	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	10	0.240000	0.000129	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	20	-2.350000	-0.001267	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	30	-1.440000	-0.000776	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	40	-1.460000	-0.000787	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	50	-2.420000	-0.001305	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-30	0.310000	0.000167	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-0.290000	-0.000156	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-2.100000	-0.001132	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	0	-2.390000	-0.001288	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	10	0.560000	0.000302	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	20	-3.620000	-0.001951	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	30	-0.420000	-0.000226	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	40	0.360000	0.000194	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	50	-0.670000	-0.000361	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-30	0.330000	0.000176	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-20	1.800000	0.000957	PASS

N2	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-0.900000	-0.000479	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	0	0.050000	0.000027	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	10	0.290000	0.000154	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	20	-0.580000	-0.000309	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	30	-1.040000	-0.000553	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	40	-0.800000	-0.000426	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	50	-0.620000	-0.000330	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-1.650000	-0.000878	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-20	0.410000	0.000218	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-0.460000	-0.000245	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	0	-2.430000	-0.001293	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	10	-1.270000	-0.000676	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	20	-1.600000	-0.000851	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	30	-0.310000	-0.000165	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	40	0.630000	0.000335	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	50	-1.090000	-0.000580	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-30	0.790000	0.000415	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-0.140000	-0.000073	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-10	0.910000	0.000478	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	0	1.800000	0.000945	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	10	2.890000	0.001517	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	20	2.390000	0.001255	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	30	2.340000	0.001228	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	40	0.950000	0.000499	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	50	0.350000	0.000184	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-30	0.560000	0.000294	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-1.190000	-0.000625	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-1.010000	-0.000530	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	0	-0.900000	-0.000472	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	10	-0.720000	-0.000378	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	20	1.250000	0.000656	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	30	-0.870000	-0.000457	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	40	-1.240000	-0.000651	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	50	1.240000	0.000651	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-30	-2.900000	-0.001561	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-0.370000	-0.000199	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-10	0.270000	0.000145	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	0	0.950000	0.000510	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	10	1.470000	0.000791	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	20	-0.370000	-0.000199	PASS

N2	15	15	DFT-QPSK	L	Outer_Full	NV	30	2.360000	0.001271	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	40	0.120000	0.000065	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	50	0.920000	0.000495	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-0.150000	-0.000081	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-20	2.130000	0.001147	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-0.120000	-0.000065	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	0	0.330000	0.000178	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	10	-1.020000	-0.000549	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	20	1.750000	0.000942	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	30	-0.520000	-0.000280	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	40	-1.210000	-0.000651	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	50	1.840000	0.000990	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-30	2.210000	0.001176	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-0.180000	-0.000096	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-10	3.240000	0.001723	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	0	1.460000	0.000777	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	10	-0.420000	-0.000223	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	20	1.510000	0.000803	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	30	-1.050000	-0.000559	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	40	1.930000	0.001027	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	50	2.890000	0.001537	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-30	0.330000	0.000176	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-20	3.500000	0.001862	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-10	2.060000	0.001096	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	0	0.720000	0.000383	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	10	2.690000	0.001431	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	20	-1.980000	-0.001053	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	30	1.920000	0.001021	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	40	0.840000	0.000447	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	50	2.310000	0.001229	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-0.700000	-0.000368	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-1.160000	-0.000610	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-0.030000	-0.000016	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	0	-0.210000	-0.000110	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	10	3.150000	0.001656	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	20	-0.260000	-0.000137	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	30	-1.180000	-0.000620	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	40	0.970000	0.000510	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	50	1.320000	0.000694	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-30	0.550000	0.000289	PASS

N2	15	15	DFT-16QAM	H	Outer_Full	NV	-20	1.270000	0.000668	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-10	0.600000	0.000315	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	0	-0.400000	-0.000210	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	10	0.950000	0.000499	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	20	1.250000	0.000657	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	30	-0.210000	-0.000110	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	40	1.710000	0.000899	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	50	1.830000	0.000962	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-4.170000	-0.002242	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-2.300000	-0.001237	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-4.710000	-0.002532	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	0	-3.950000	-0.002124	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	10	-1.670000	-0.000898	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	20	-2.370000	-0.001274	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	-2.700000	-0.001452	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	50	-3.600000	-0.001935	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-1.710000	-0.000919	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-2.300000	-0.001237	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-5.190000	-0.002790	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	0	-1.760000	-0.000946	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	10	-2.700000	-0.001452	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	20	-2.770000	-0.001489	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	30	-1.700000	-0.000914	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	40	-4.810000	-0.002586	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	50	-3.440000	-0.001849	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-7.080000	-0.003766	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-4.330000	-0.002303	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-7.090000	-0.003771	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	0	-4.620000	-0.002457	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	10	-5.000000	-0.002660	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	20	-4.910000	-0.002612	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	30	-4.380000	-0.002330	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	40	-4.840000	-0.002574	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	50	-7.080000	-0.003766	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-4.520000	-0.002404	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-3.270000	-0.001739	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-5.140000	-0.002734	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	0	-3.740000	-0.001988	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	10	-5.310000	-0.002824	PASS

N2	15	20	DFT-16QAM	M	Outer_Full	NV	20	-4.090000	-0.002176	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	30	-4.460000	-0.002372	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	40	-2.810000	-0.001495	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	50	-4.410000	-0.002346	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-4.420000	-0.002326	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-3.710000	-0.001953	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-5.020000	-0.002642	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	0	-5.390000	-0.002837	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	10	-3.300000	-0.001737	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	20	-4.130000	-0.002174	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	30	-3.150000	-0.001658	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	40	-4.870000	-0.002563	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	50	-2.680000	-0.001411	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-3.720000	-0.001958	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-4.030000	-0.002121	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-3.520000	-0.001853	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	0	-4.580000	-0.002411	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	10	-3.970000	-0.002089	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	30	-3.560000	-0.001874	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	40	-4.190000	-0.002205	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	50	-3.910000	-0.002058	PASS