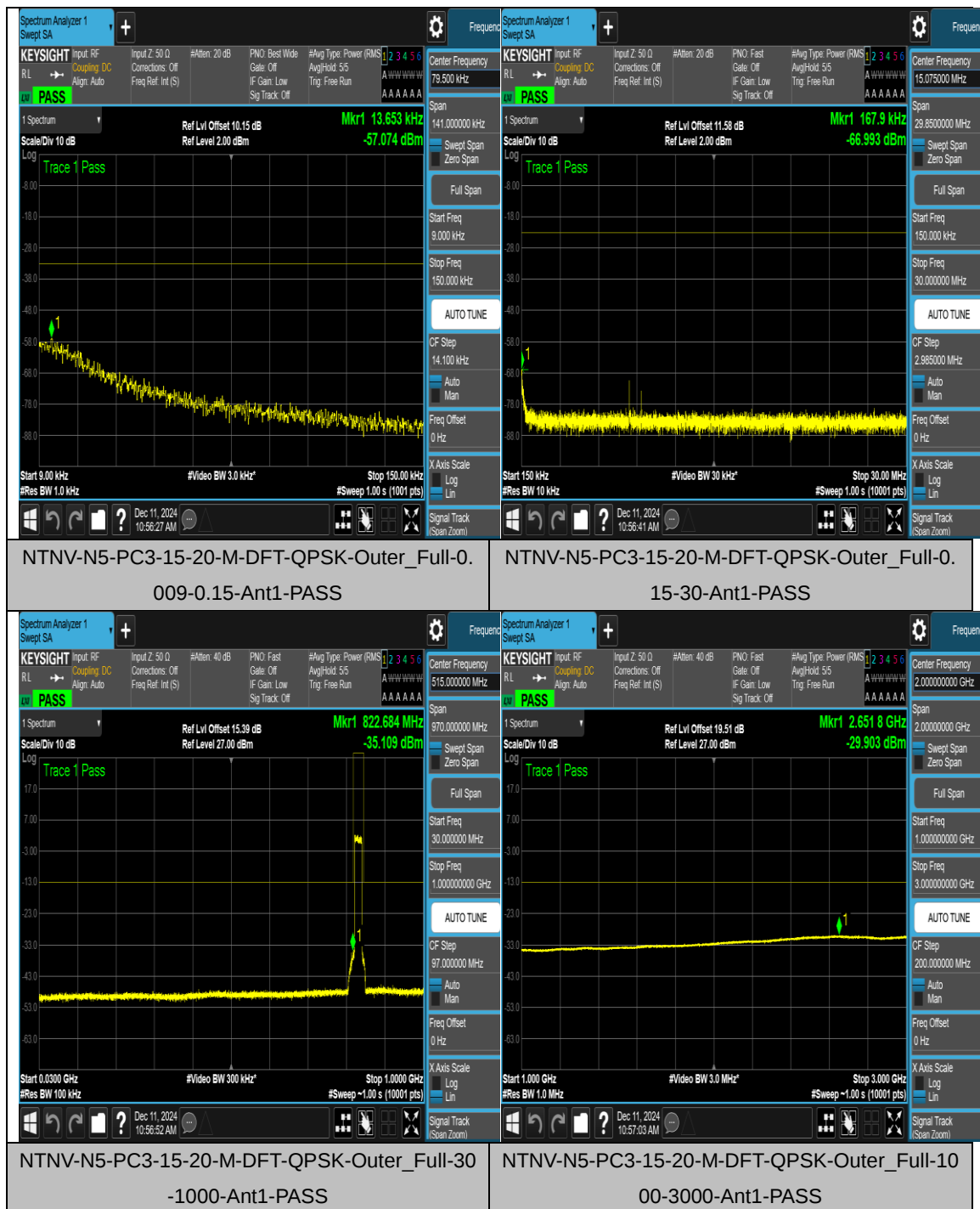
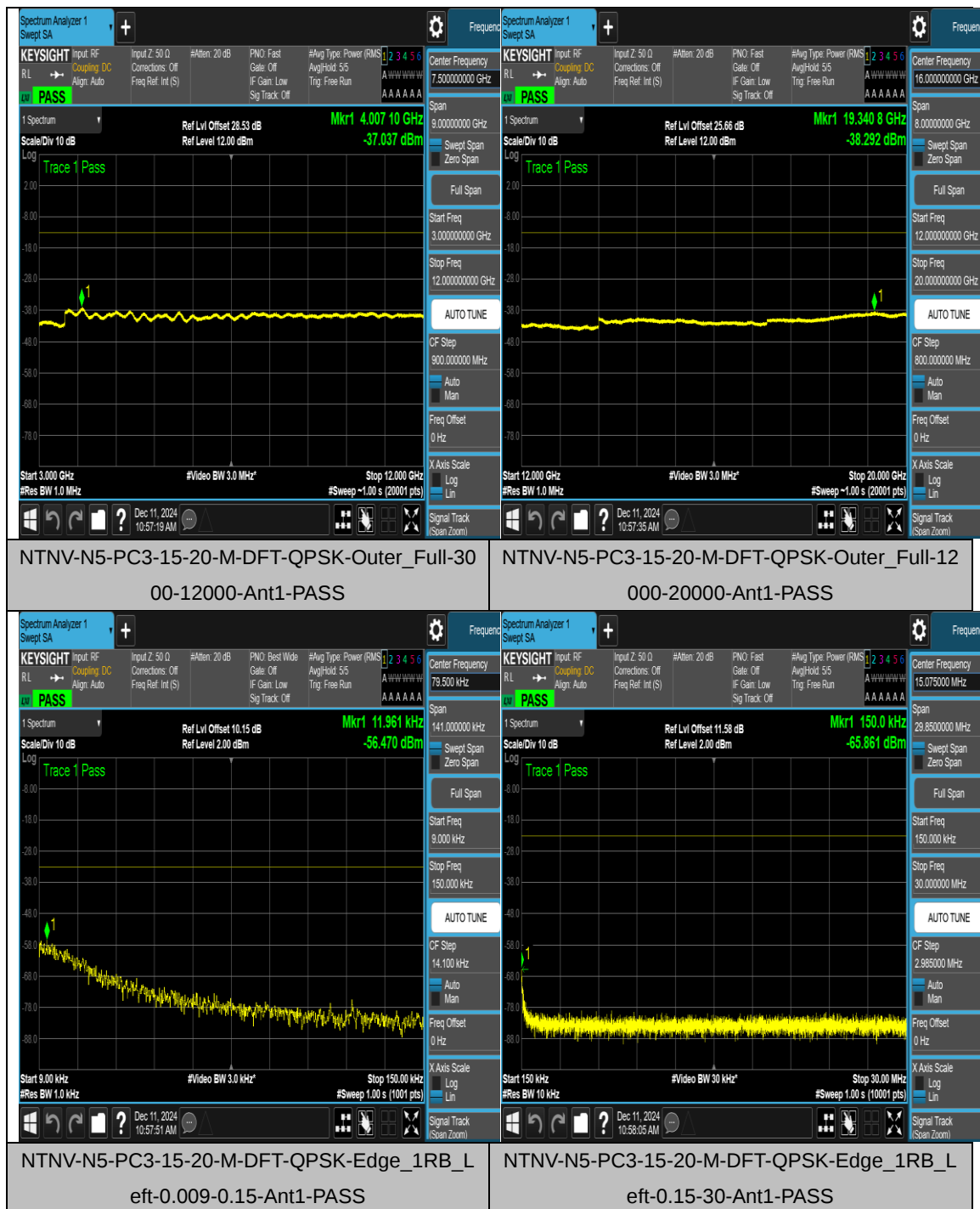
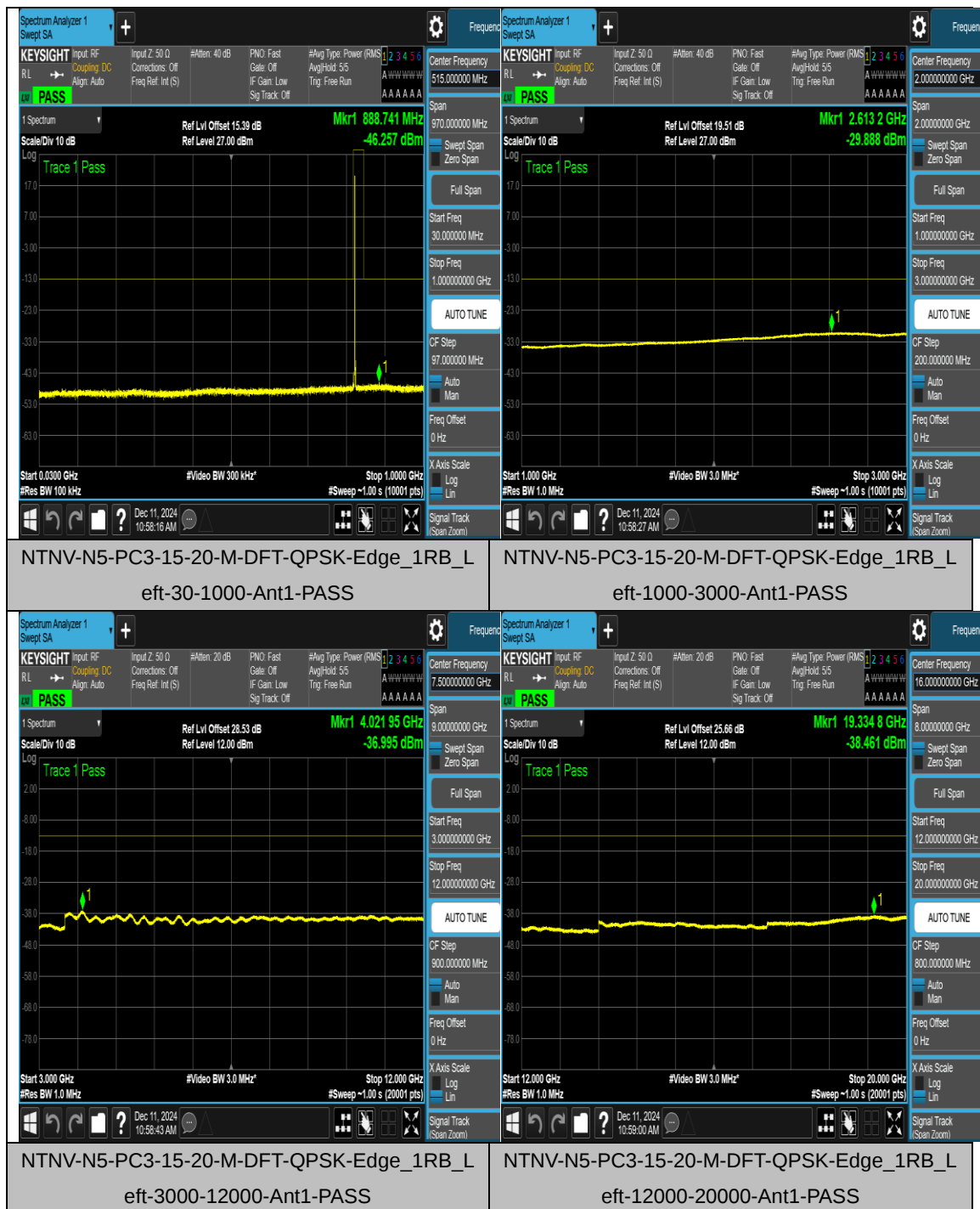
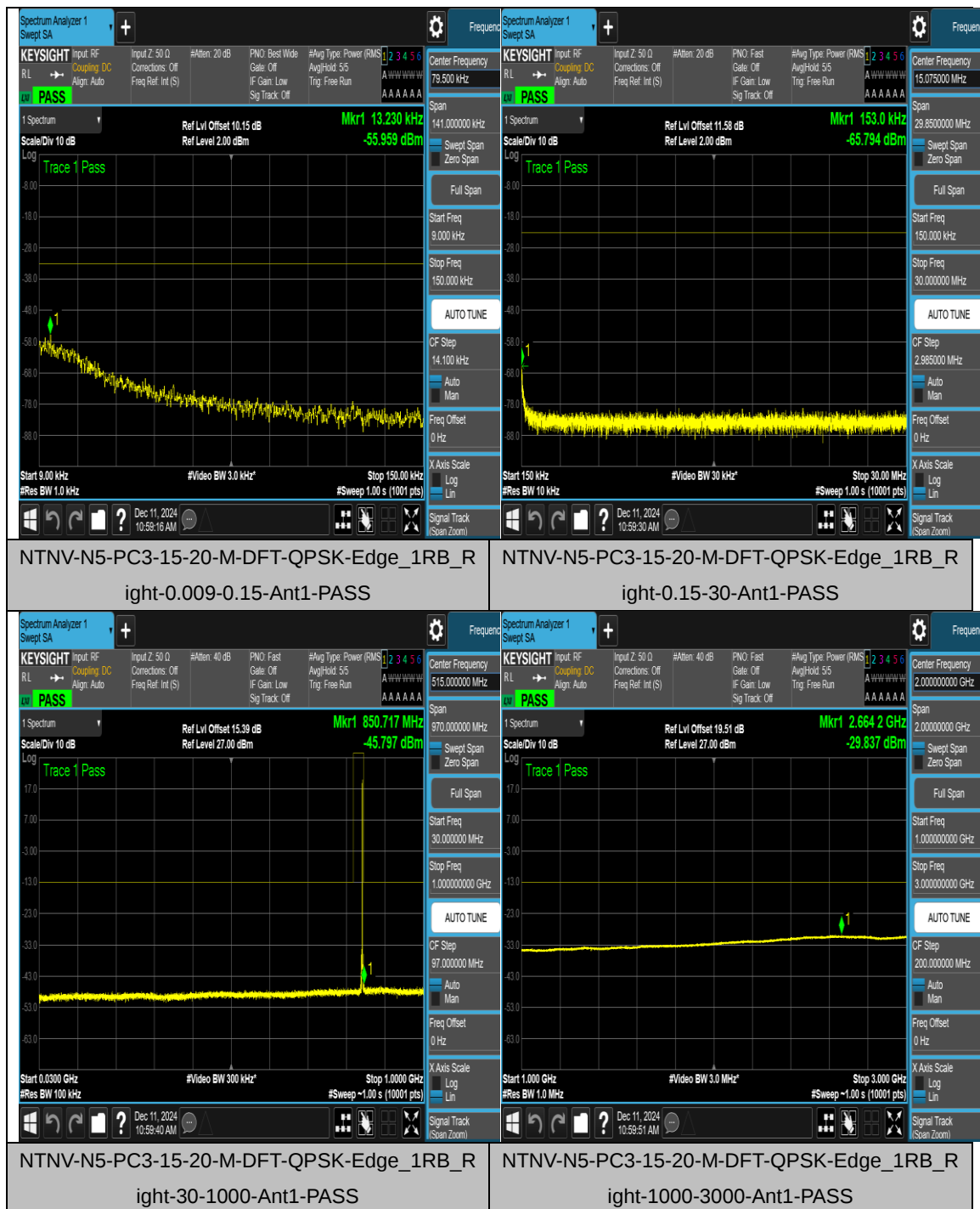


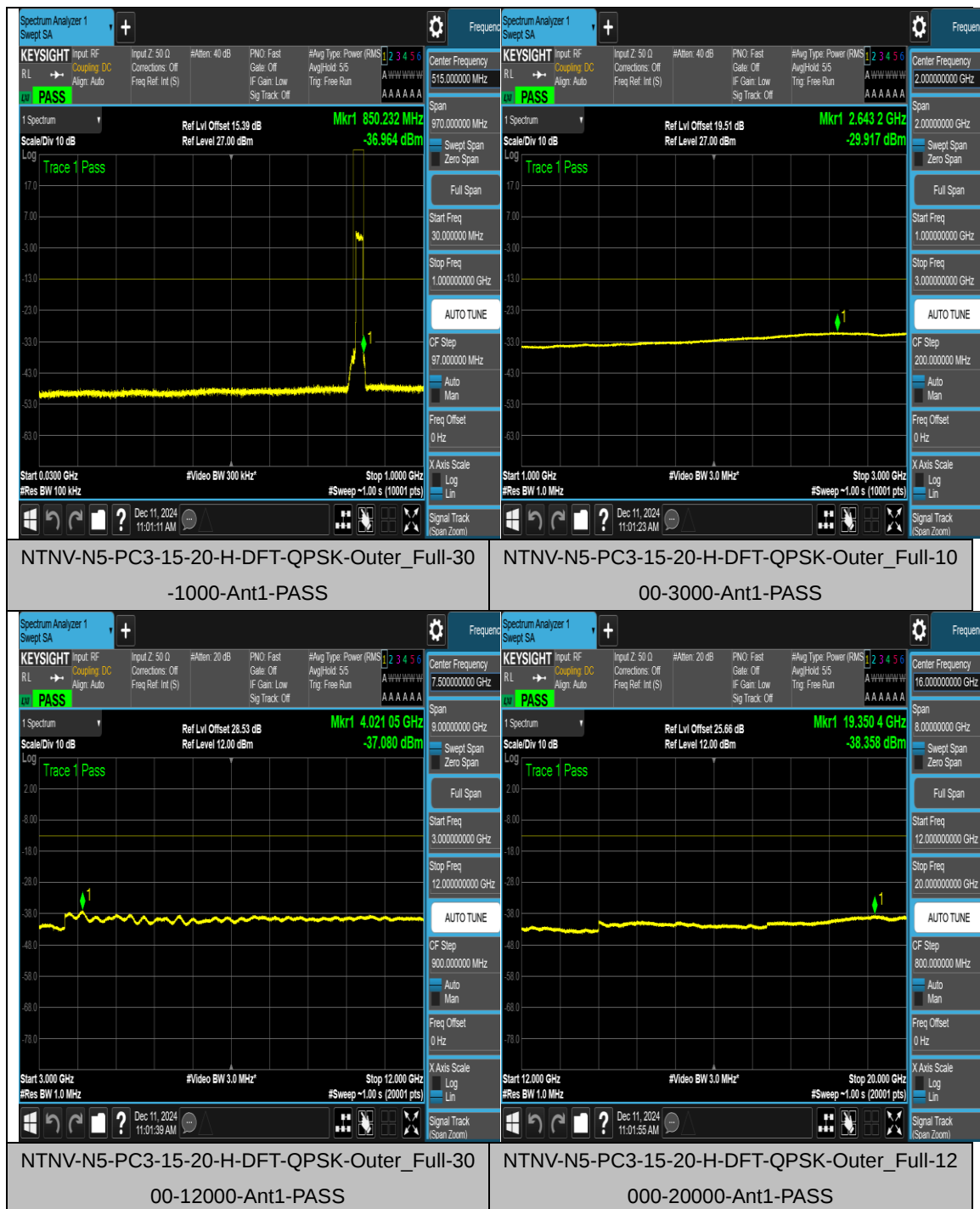


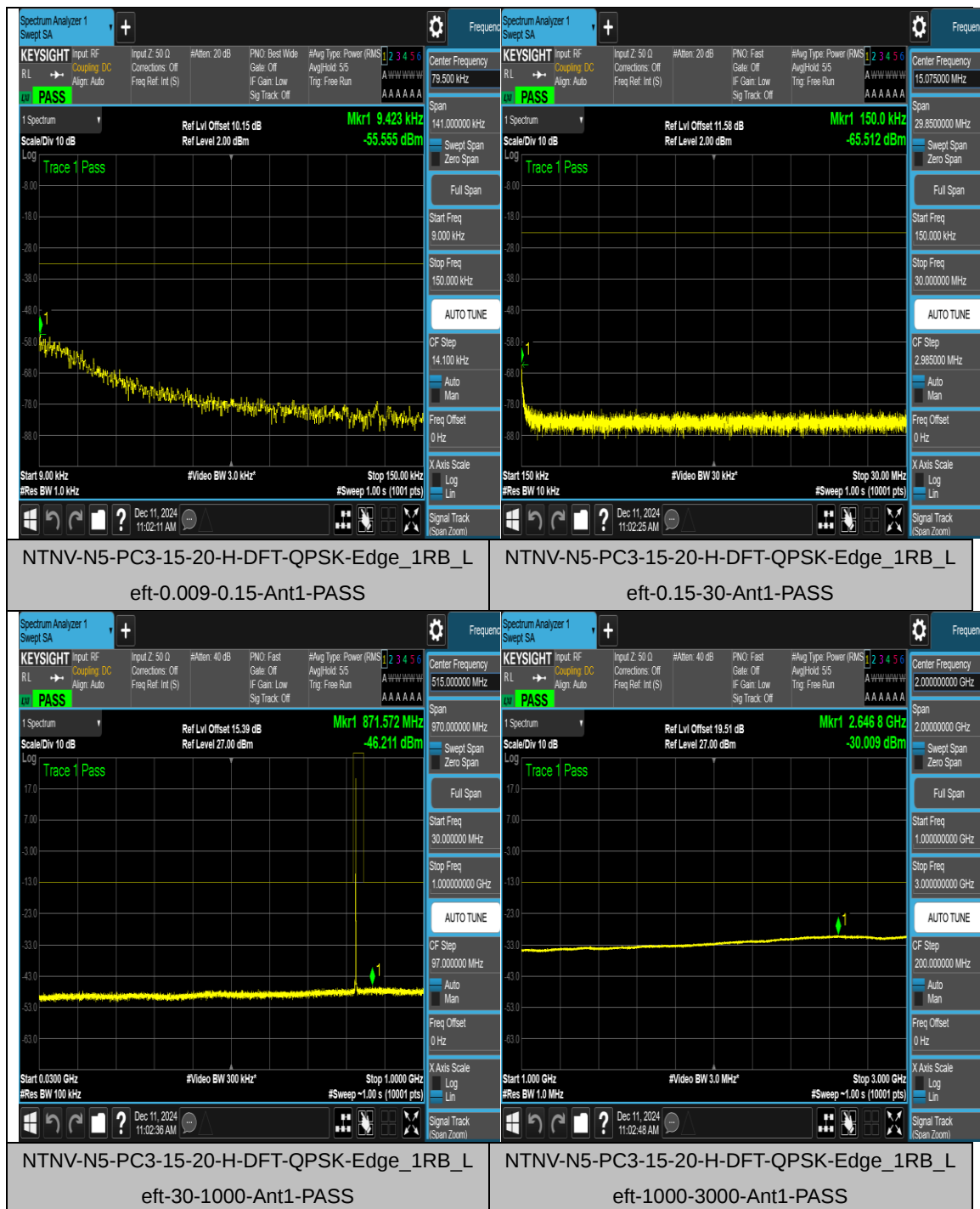




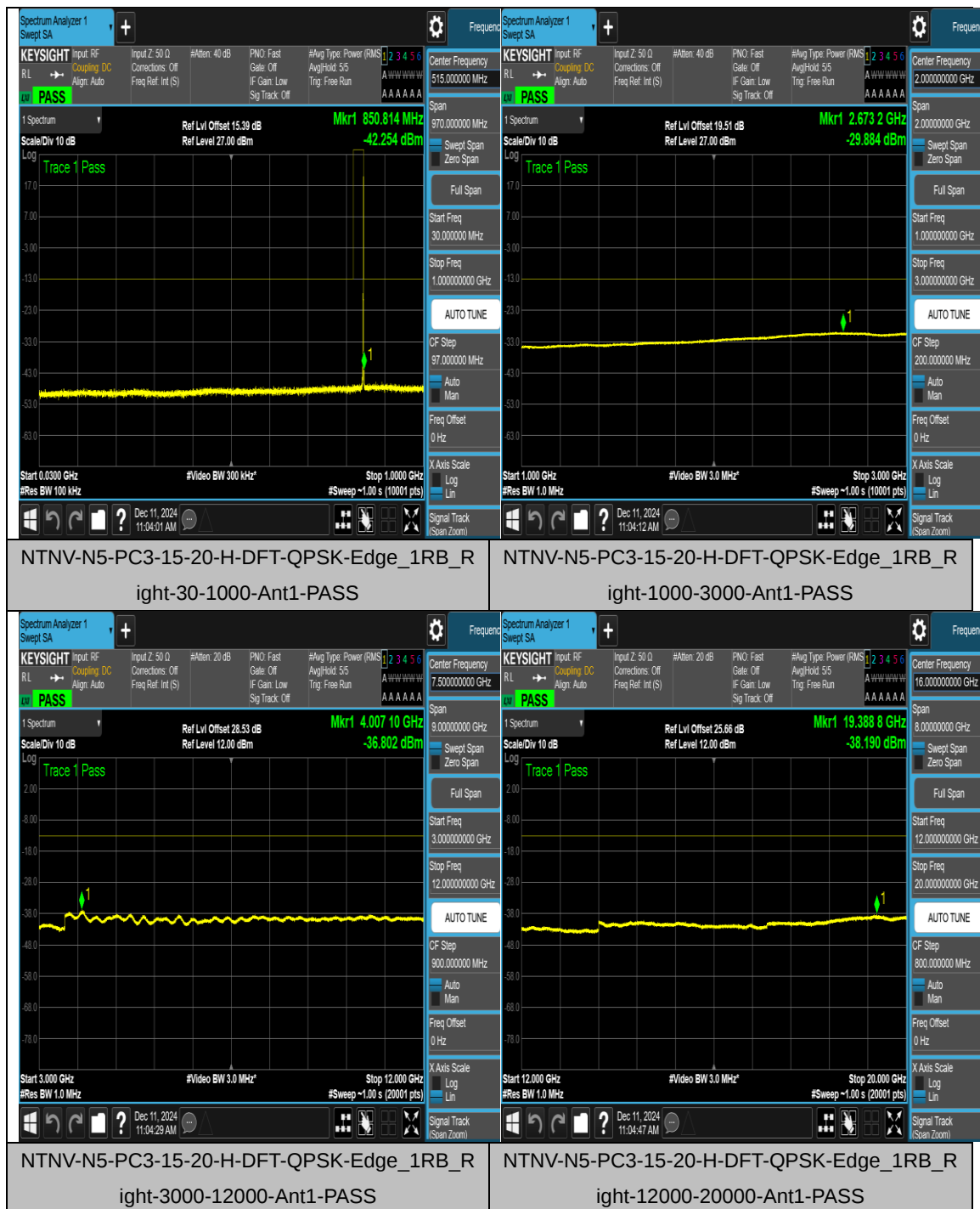












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	VL	NT	0.060000	0.000073	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-0.630000	-0.000762	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-0.240000	-0.000290	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VL	NT	0.070000	0.000085	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-0.210000	-0.000254	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-0.110000	-0.000133	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-0.120000	-0.000143	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-0.320000	-0.000383	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VH	NT	0.770000	0.000921	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VL	NT	0.650000	0.000777	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VN	NT	0.270000	0.000323	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VH	NT	0.930000	0.001112	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-0.120000	-0.000142	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VN	NT	0.490000	0.000579	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-0.410000	-0.000484	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-0.660000	-0.000780	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-1.000000	-0.001181	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-0.520000	-0.000614	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-2.009999	-0.002425	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-1.340000	-0.001616	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-2.410000	-0.002907	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-1.680000	-0.002027	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-2.080000	-0.002509	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-1.360000	-0.001641	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-1.250000	-0.001494	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-2.410000	-0.002881	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-1.780000	-0.002128	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-1.770000	-0.002116	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-1.620000	-0.001937	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-1.360000	-0.001626	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-2.770000	-0.003282	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-1.440000	-0.001706	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-1.450000	-0.001718	PASS

N5	15	10	DFT-16QAM	H	Outer_Full	VL	NT	-1.640000	-0.001943	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-1.250000	-0.001481	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VH	NT	-2.000000	-0.002370	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-4.139999	-0.004979	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-3.840000	-0.004618	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-4.670000	-0.005616	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-4.780000	-0.005749	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VN	NT	-3.460000	-0.004161	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-3.990000	-0.004799	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-3.160000	-0.003778	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-3.010000	-0.003598	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-3.700000	-0.004423	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-3.100000	-0.003706	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-2.960000	-0.003539	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-3.520000	-0.004208	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VL	NT	-3.760000	-0.004468	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-3.560000	-0.004231	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-3.340000	-0.003969	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-3.580000	-0.004254	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-3.730000	-0.004433	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-3.670000	-0.004361	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-6.350000	-0.007614	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-5.840000	-0.007002	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-5.690000	-0.006823	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-5.720000	-0.006859	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-4.640000	-0.005564	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-5.280000	-0.006331	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-4.610000	-0.005511	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-5.090000	-0.006085	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-4.860000	-0.005810	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-5.300000	-0.006336	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-5.290000	-0.006324	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-5.090000	-0.006085	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-6.310000	-0.007521	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-5.860000	-0.006985	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-5.830000	-0.006949	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-6.450000	-0.007688	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-5.740000	-0.006841	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-6.090000	-0.007259	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-0.570000	-0.000690	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-20	0.430000	0.000520	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-10	0.360000	0.000436	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	0	-0.720000	-0.000871	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	10	-0.250000	-0.000302	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	20	-0.200000	-0.000242	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	30	0.240000	0.000290	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	40	-0.120000	-0.000145	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	50	-0.050000	-0.000060	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-30	0.380000	0.000460	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-0.110000	-0.000133	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-10	0.290000	0.000351	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	0	0.570000	0.000690	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	10	0.780000	0.000944	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	20	0.190000	0.000230	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	30	-0.050000	-0.000060	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	40	0.570000	0.000690	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	50	0.190000	0.000230	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-30	1.040000	0.001243	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-20	0.640000	0.000765	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-0.390000	-0.000466	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	0	-0.030000	-0.000036	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	10	0.600000	0.000717	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	20	1.550000	0.001853	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	30	0.730000	0.000873	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	40	1.180000	0.001411	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.590000	0.000705	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-30	0.470000	0.000562	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-20	0.010000	0.000012	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-10	0.260000	0.000311	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	0	0.330000	0.000395	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	10	0.350000	0.000418	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	20	-0.500000	-0.000598	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	30	0.740000	0.000885	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	40	-0.020000	-0.000024	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	50	0.100000	0.000120	PASS

N5	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-1.280000	-0.001512	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-0.140000	-0.000165	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-10	0.340000	0.000402	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	0	-0.220000	-0.000260	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	10	-0.610000	-0.000721	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	20	0.250000	0.000295	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	30	-0.220000	-0.000260	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	40	-0.150000	-0.000177	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	50	-1.040000	-0.001229	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-0.690000	-0.000815	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-1.240000	-0.001465	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-0.720000	-0.000851	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	0	-0.530000	-0.000626	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	10	-0.370000	-0.000437	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	20	-0.830000	-0.000981	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	30	-0.810000	-0.000957	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	40	-0.950000	-0.001122	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	50	-0.510000	-0.000602	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-1.550000	-0.001870	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-1.200000	-0.001448	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-1.660000	-0.002001	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	0	-2.540000	-0.003064	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	10	-1.930000	-0.002328	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	20	-1.870000	-0.002256	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	30	-1.560000	-0.001882	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	40	-1.300000	-0.001568	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	50	-0.990000	-0.001194	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-1.200000	-0.001448	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-0.950000	-0.001146	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-1.060000	-0.001279	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	0	-0.930000	-0.001122	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	10	-1.280000	-0.001544	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	20	-1.460000	-0.001761	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	30	-1.050000	-0.001267	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	40	-0.950000	-0.001146	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	50	-1.310000	-0.001580	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-1.970000	-0.002355	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-1.780000	-0.002128	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-1.280000	-0.001530	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	0	-1.380000	-0.001650	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	10	-1.130000	-0.001351	PASS

N5	15	10	DFT-QPSK	M	Outer_Full	NV	20	-1.570000	-0.001877	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	30	-1.020000	-0.001219	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	40	-2.170000	-0.002594	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	50	-1.280000	-0.001530	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-1.210000	-0.001447	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-1.750000	-0.002092	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-1.000000	-0.001195	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	0	-1.440000	-0.001721	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	10	-1.380000	-0.001650	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	20	-1.250000	-0.001494	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	30	-1.230000	-0.001470	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	40	-0.800000	-0.000956	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	50	-1.470000	-0.001757	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-0.760000	-0.000900	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-1.500000	-0.001777	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-1.380000	-0.001635	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	0	-1.820000	-0.002156	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	10	-1.290000	-0.001528	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	20	-1.810000	-0.002145	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	30	-2.320000	-0.002749	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	40	-1.820000	-0.002156	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	50	-1.120000	-0.001327	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-1.450000	-0.001718	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-0.980000	-0.001161	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-0.700000	-0.000829	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	0	-1.350000	-0.001600	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	10	-1.320000	-0.001564	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	20	-1.620000	-0.001919	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	30	-2.049999	-0.002429	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	40	-1.980000	-0.002346	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	50	-1.080000	-0.001280	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-30	-4.150000	-0.004991	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-3.870000	-0.004654	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-10	-3.900000	-0.004690	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	0	-3.490000	-0.004197	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	10	-4.150000	-0.004991	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	20	-3.440000	-0.004137	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	30	-4.260000	-0.005123	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	40	-4.650000	-0.005592	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	50	-3.460000	-0.004161	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-3.340000	-0.004016	PASS

N5	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-3.040000	-0.003656	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-3.390000	-0.004077	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	0	-4.210000	-0.005063	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	10	-4.690000	-0.005640	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	20	-4.530000	-0.005448	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	30	-4.560000	-0.005484	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	40	-4.650000	-0.005592	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	50	-4.630000	-0.005568	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-2.700000	-0.003228	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-2.770000	-0.003311	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-3.050000	-0.003646	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	0	-3.420000	-0.004087	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	10	-2.830000	-0.003383	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	20	-2.550000	-0.003048	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	30	-3.410000	-0.004077	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	40	-3.590000	-0.004292	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	50	-3.540000	-0.004232	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-2.470000	-0.002953	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-3.110000	-0.003718	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-3.550000	-0.004244	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	0	-4.040000	-0.004830	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	10	-3.560000	-0.004256	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	20	-3.540000	-0.004232	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	30	-3.910000	-0.004674	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	40	-3.130000	-0.003742	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	50	-3.700000	-0.004423	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-3.700000	-0.004397	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-3.360000	-0.003993	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-3.170000	-0.003767	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	0	-2.850000	-0.003387	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	10	-3.530000	-0.004195	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	20	-2.780000	-0.003304	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	30	-3.350000	-0.003981	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	40	-3.200000	-0.003803	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	50	-2.900000	-0.003446	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-4.370000	-0.005193	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-4.370000	-0.005193	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-4.310000	-0.005122	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	0	-4.310000	-0.005122	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	10	-4.010000	-0.004765	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	20	-3.150000	-0.003743	PASS

N5	15	15	DFT-16QAM	H	Outer_Full	NV	30	-3.090000	-0.003672	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	40	-3.450000	-0.004100	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	50	-3.290000	-0.003910	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-4.440000	-0.005324	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-4.830000	-0.005791	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-4.940000	-0.005923	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	0	-5.530000	-0.006631	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	10	-5.480000	-0.006571	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	20	-5.620000	-0.006739	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	30	-5.710000	-0.006847	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	40	-5.200000	-0.006235	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	50	-5.310000	-0.006367	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-5.050000	-0.006055	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-4.990000	-0.005983	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-5.610000	-0.006727	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	0	-5.190000	-0.006223	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	10	-5.420000	-0.006499	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	20	-5.770000	-0.006918	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	30	-6.160000	-0.007386	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	40	-5.790000	-0.006942	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	50	-5.430000	-0.006511	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-5.080000	-0.006073	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.460000	-0.006527	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-5.730000	-0.006850	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	0	-6.050000	-0.007233	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	10	-5.630000	-0.006730	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	20	-5.520000	-0.006599	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	30	-6.280000	-0.007507	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	40	-5.590000	-0.006683	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	50	-5.710000	-0.006826	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-5.700000	-0.006814	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-5.310000	-0.006348	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-4.880000	-0.005834	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	0	-5.350000	-0.006396	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	10	-5.300000	-0.006336	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	20	-5.410000	-0.006467	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	30	-5.490000	-0.006563	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	40	-5.130000	-0.006133	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	50	-5.240000	-0.006264	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-5.870000	-0.006996	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-6.540000	-0.007795	PASS

N5	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-6.570000	-0.007830	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	0	-6.710000	-0.007998	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	10	-5.970000	-0.007116	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	20	-6.320000	-0.007533	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	30	-6.480000	-0.007723	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	40	-6.420000	-0.007652	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	50	-6.280000	-0.007485	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-5.410000	-0.006448	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-5.340000	-0.006365	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-5.310000	-0.006329	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.410000	-0.006448	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	10	-5.330000	-0.006353	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	20	-5.530000	-0.006591	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	30	-5.140000	-0.006126	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	40	-4.960000	-0.005912	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	50	-5.920000	-0.007056	PASS