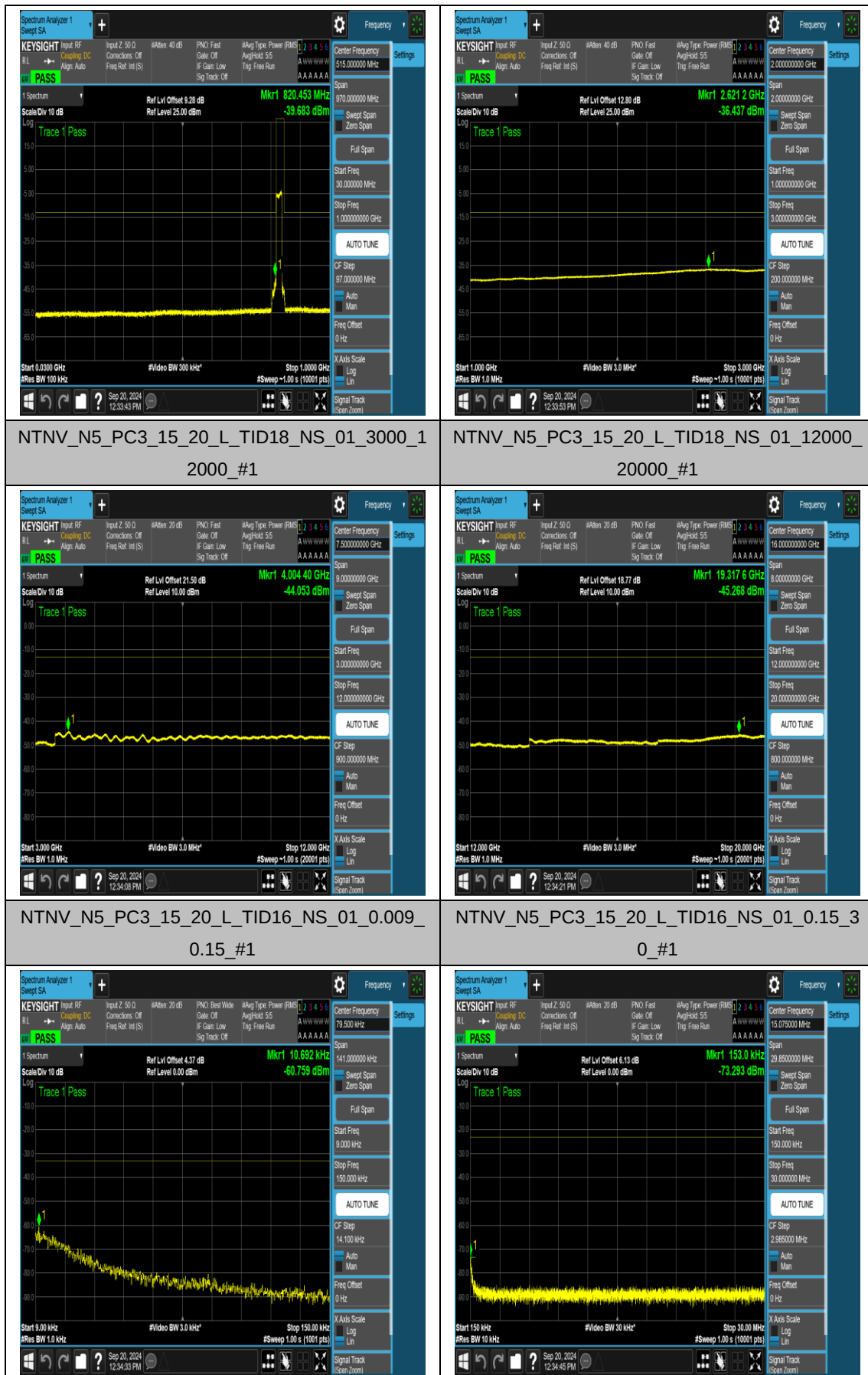
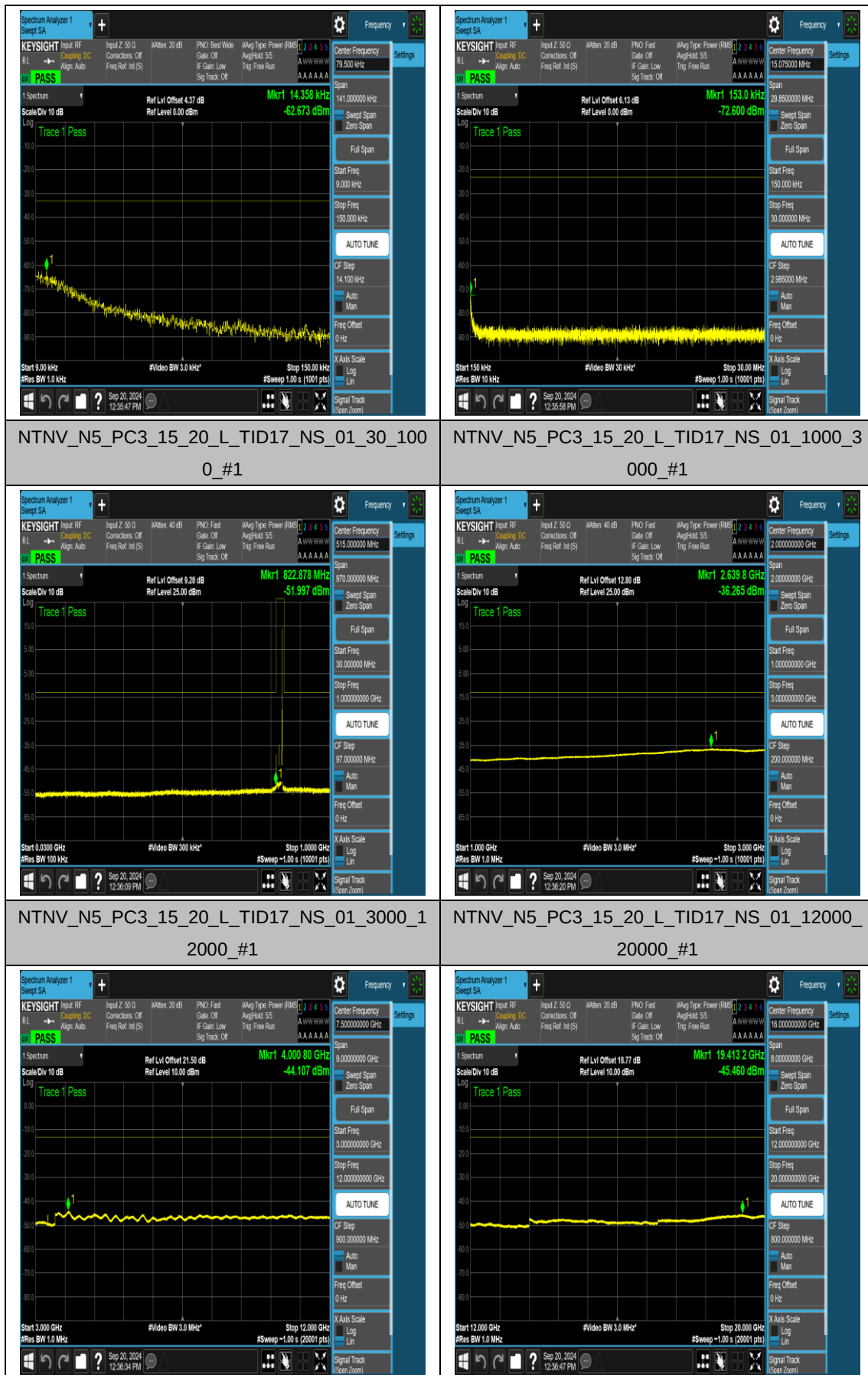
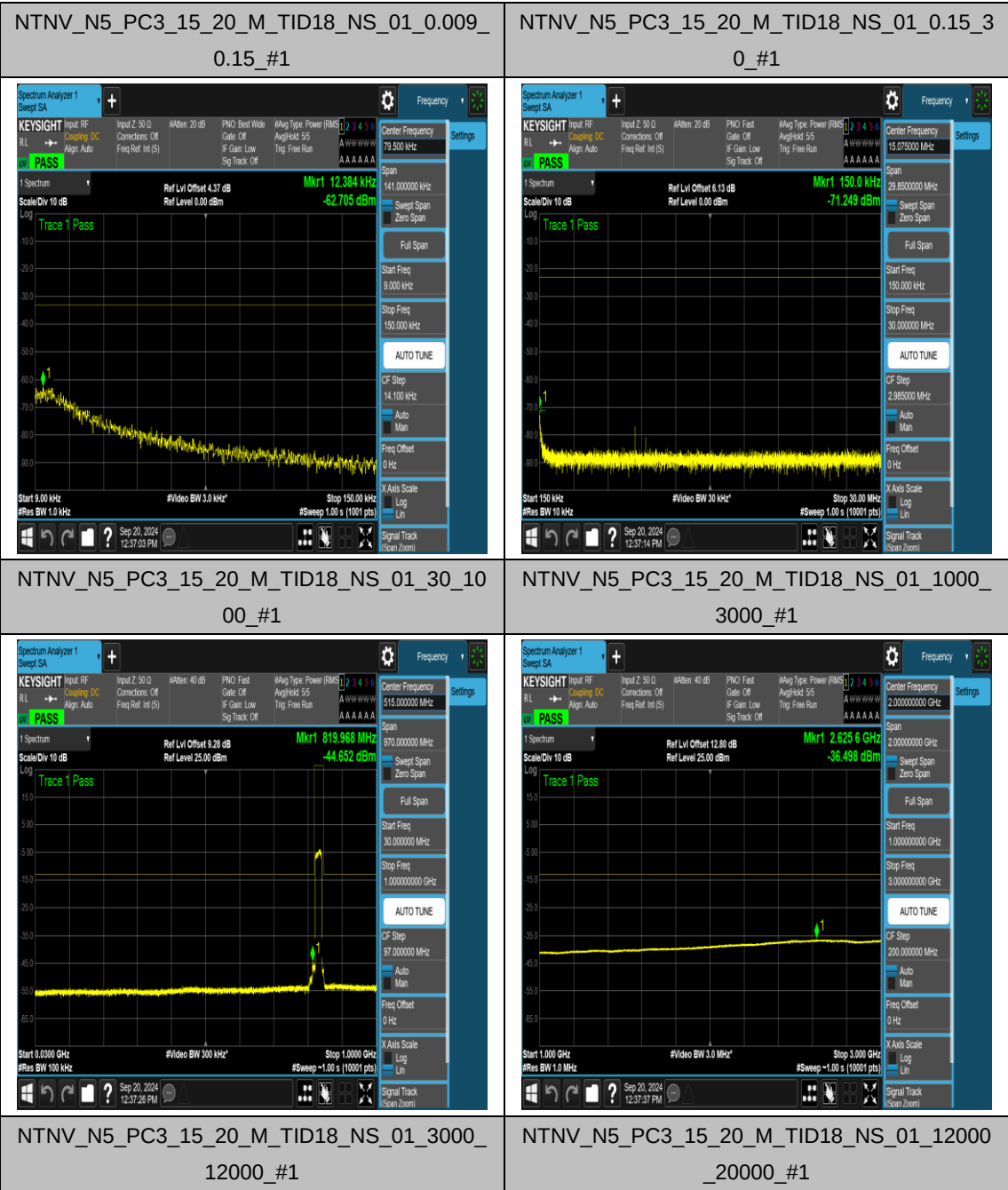
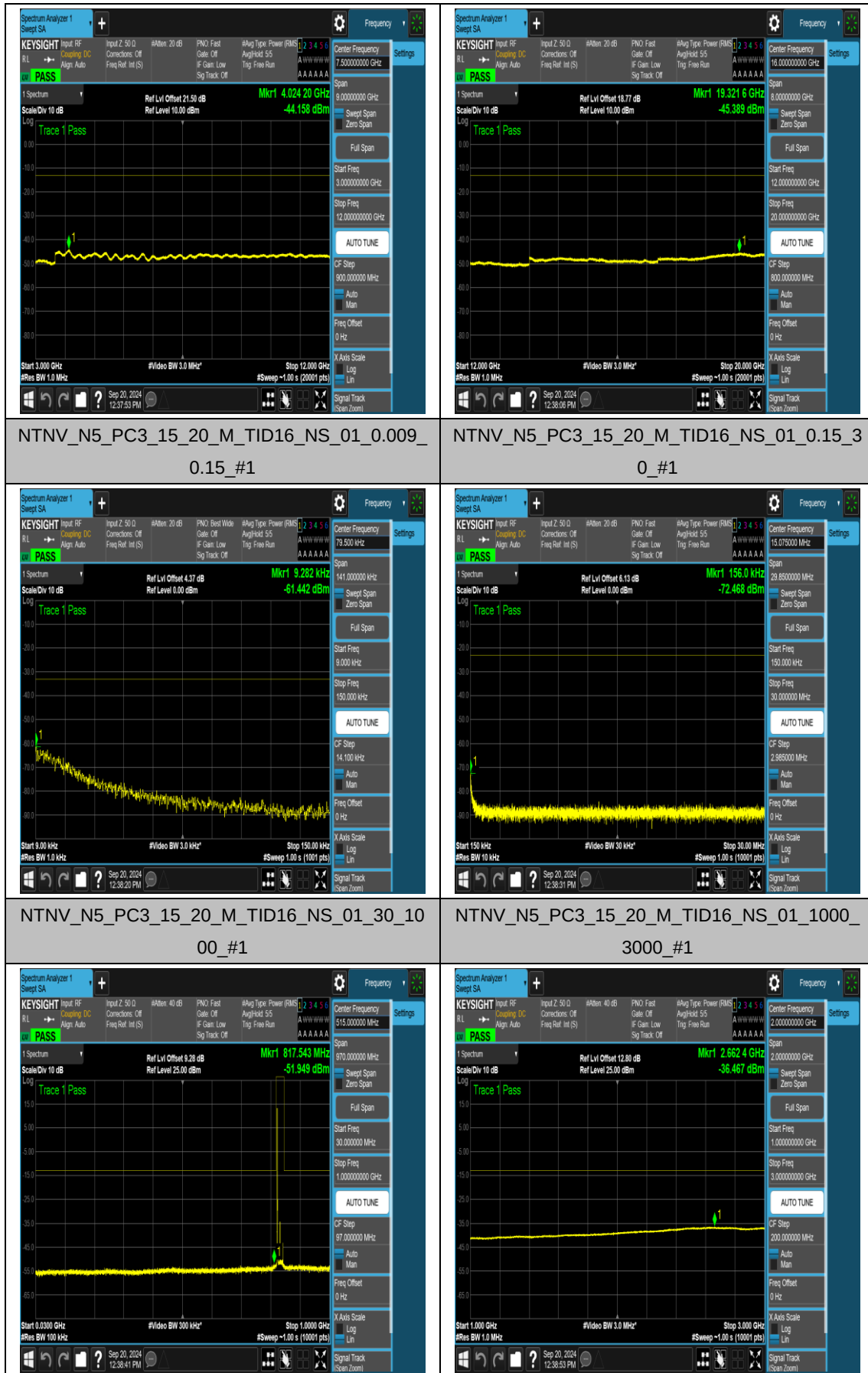




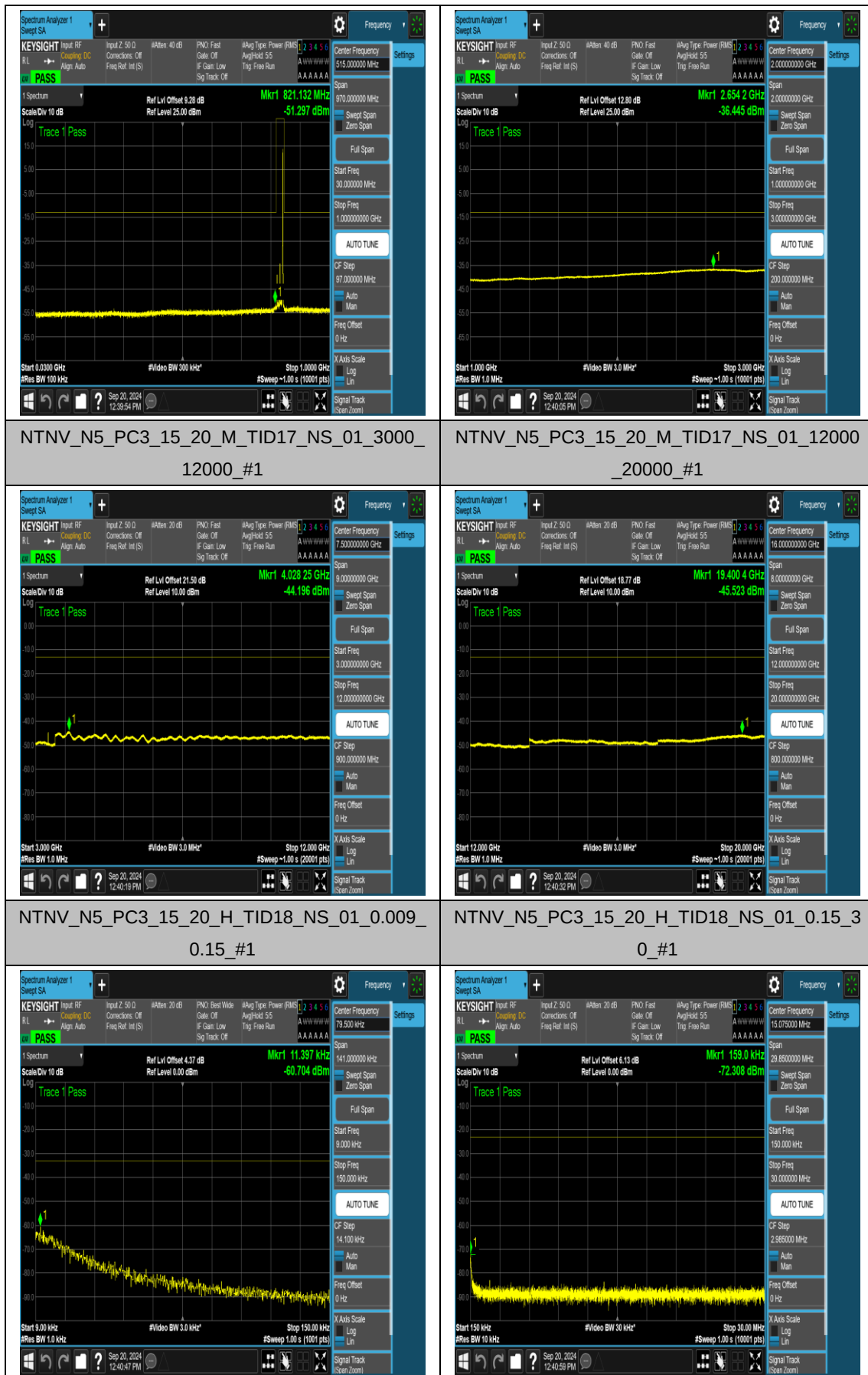




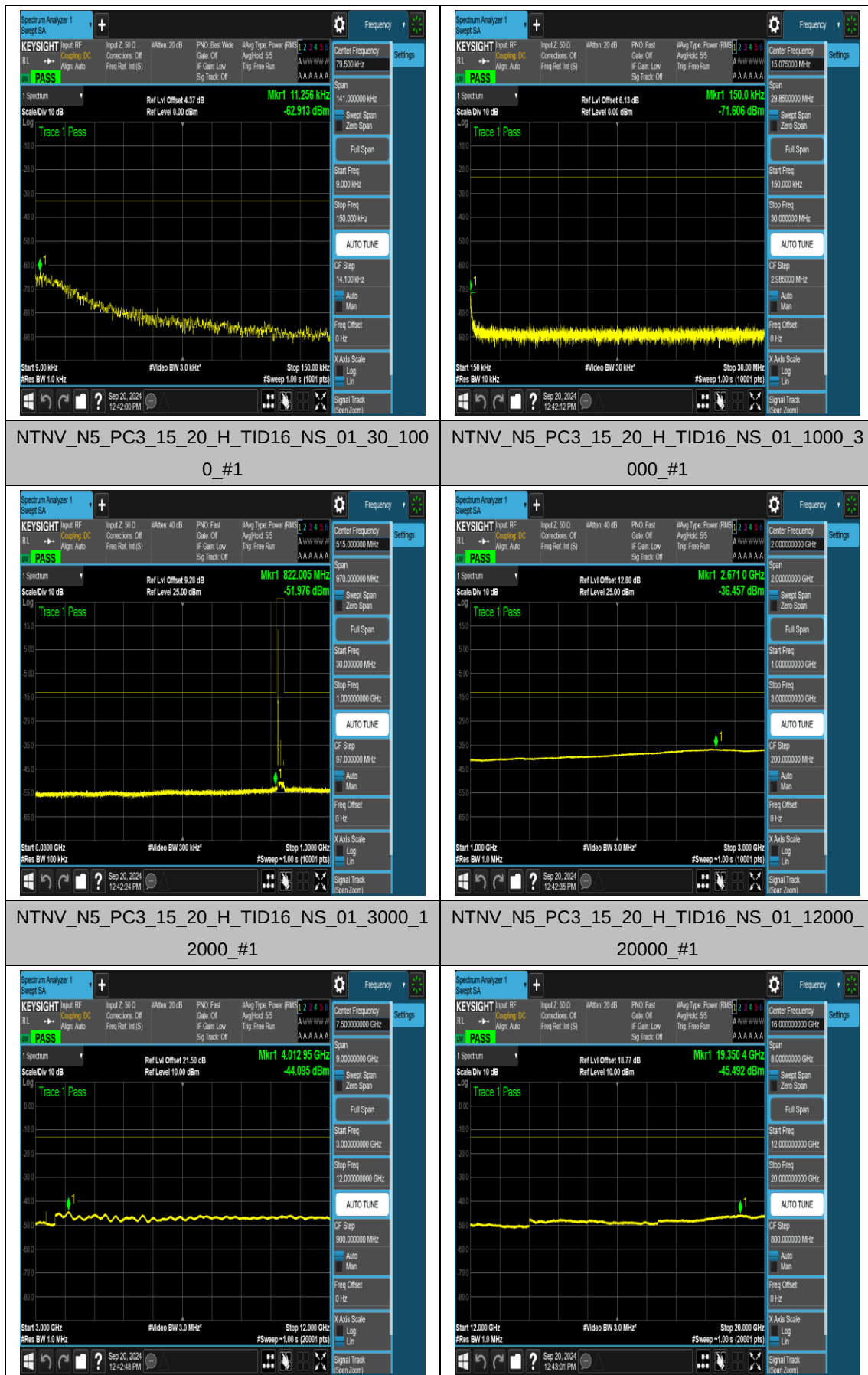


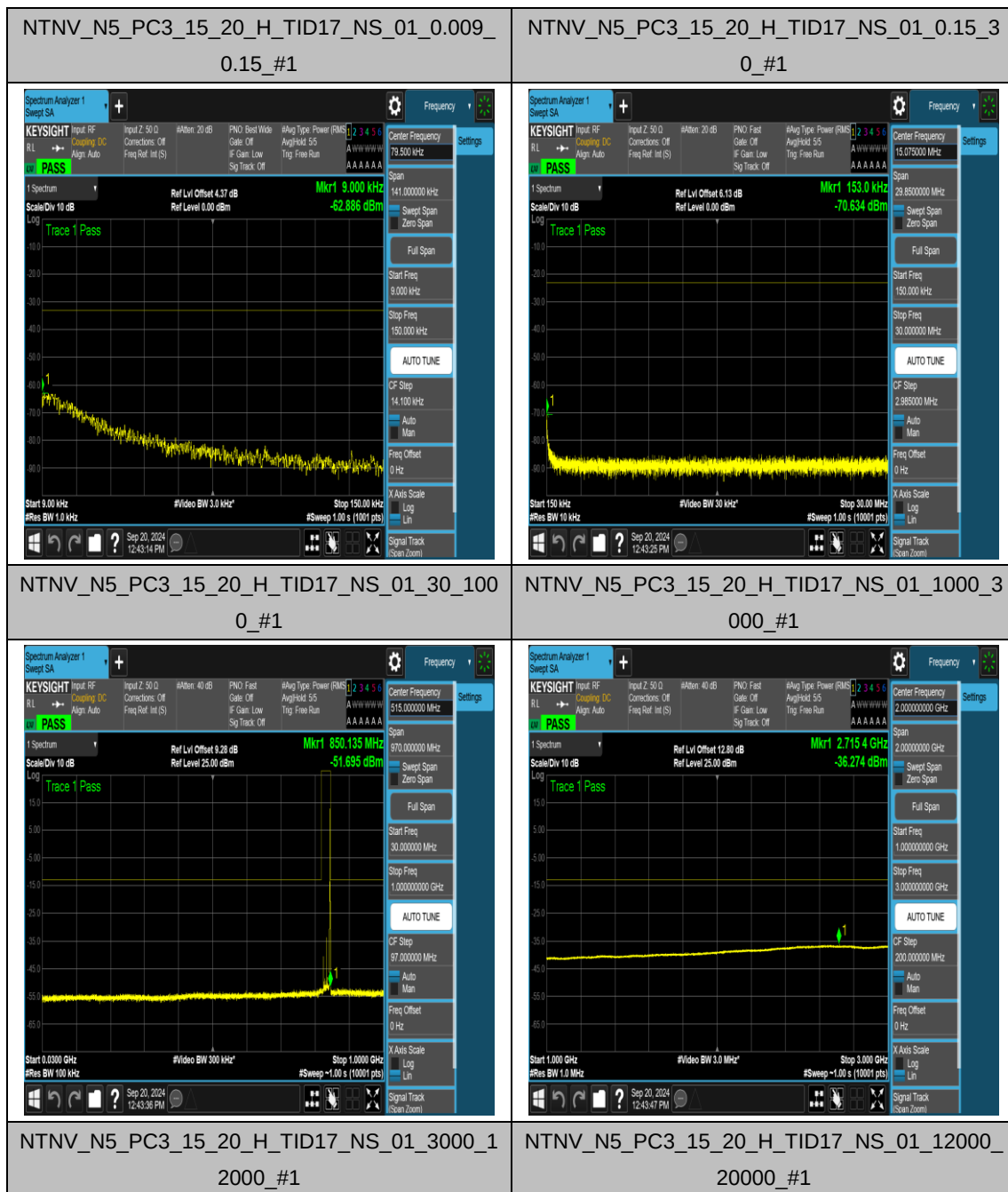


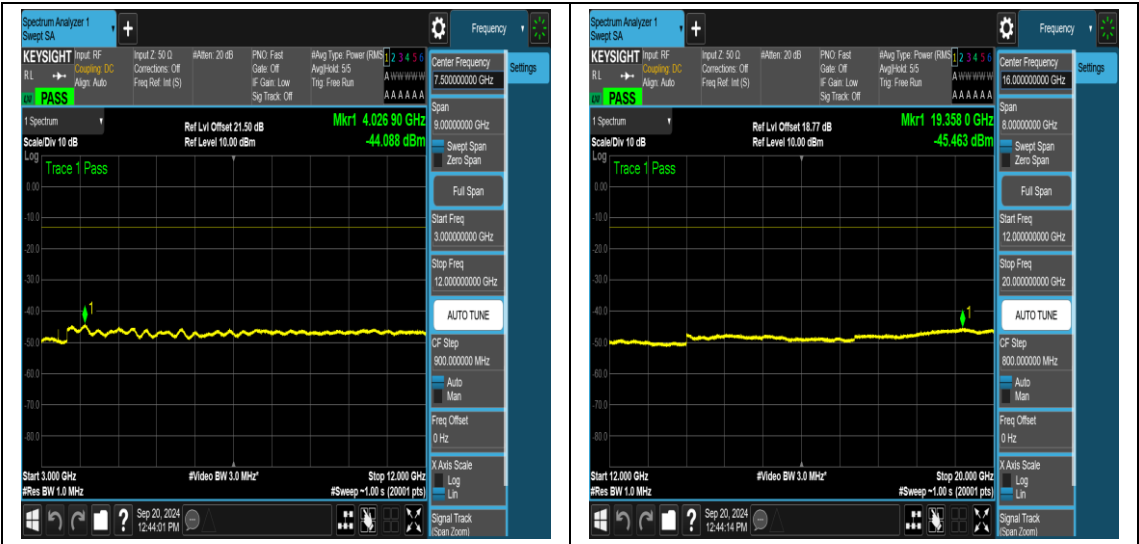












Appendix F: Frequency Stability for SA

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	-0.250000	-0.000302	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-0.080000	-0.000097	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	VH	NT	1.370000	0.001658	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-0.150000	-0.000181	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VN	NT	1.910000	0.002311	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VH	NT	1.010000	0.001222	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-6.050000	-0.007233	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-6.380000	-0.007627	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-4.110000	-0.004913	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-4.640000	-0.005547	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-6.630000	-0.007926	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-5.020000	-0.006001	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-5.270000	-0.006226	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-3.540000	-0.004182	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-3.710000	-0.004383	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-5.280000	-0.006237	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-7.180000	-0.008482	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-5.070000	-0.005989	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-2.080000	-0.002509	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-1.270000	-0.001532	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-4.820000	-0.005814	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-2.310000	-0.002786	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-4.110000	-0.004958	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-3.230000	-0.003896	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-1.190000	-0.001423	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-1.280000	-0.001530	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-1.260000	-0.001506	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-2.770000	-0.003311	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-4.490000	-0.005368	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-3.250000	-0.003885	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-7.080000	-0.008389	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-4.220000	-0.005000	PASS

N5	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-3.780000	-0.004479	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VL	NT	-3.130000	-0.003709	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-2.820000	-0.003341	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VH	NT	-3.990000	-0.004727	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-8.119999	-0.009765	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-5.640000	-0.006783	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-6.050000	-0.007276	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-7.460000	-0.008972	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VN	NT	-4.570000	-0.005496	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-9.220000	-0.011088	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-4.850000	-0.005798	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-4.660000	-0.005571	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-5.260000	-0.006288	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-5.030000	-0.006013	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-3.620000	-0.004328	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-3.610000	-0.004316	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VL	NT	-3.680000	-0.004373	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-2.550000	-0.003030	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-2.750000	-0.003268	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-2.480000	-0.002947	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-3.340000	-0.003969	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-2.310000	-0.002745	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-4.670000	-0.005600	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-4.050000	-0.004856	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-5.590000	-0.006703	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-3.110000	-0.003729	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-4.920000	-0.005899	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-6.750000	-0.008094	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.640000	-0.006742	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-6.870000	-0.008213	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-6.210000	-0.007424	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-5.900000	-0.007053	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-5.580000	-0.006671	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-6.190000	-0.007400	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.620000	-0.005507	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-6.720000	-0.008010	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-5.620000	-0.006698	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-2.760000	-0.003290	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-4.890000	-0.005828	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-5.390000	-0.006424	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	-0.420000	-0.000508	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-20	0.520000	0.000629	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-1.440000	-0.001742	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	0	-0.230000	-0.000278	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	10	-0.860000	-0.001041	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	20	-0.720000	-0.000871	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	30	0.700000	0.000847	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	-2.410000	-0.002916	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-30	0.170000	0.000206	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-20	0.550000	0.000665	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-1.910000	-0.002311	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	0	-0.680000	-0.000823	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	10	-0.250000	-0.000302	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	-1.370000	-0.001658	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	40	-0.020000	-0.000024	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	50	-1.380000	-0.001670	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-4.250000	-0.005081	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-2.980000	-0.003562	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-3.290000	-0.003933	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	0	-4.850000	-0.005798	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	10	-6.750000	-0.008069	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	20	-6.120000	-0.007316	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	30	-3.700000	-0.004423	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	40	-4.520000	-0.005403	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	50	-2.430000	-0.002905	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-4.010000	-0.004794	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-20	-1.310000	-0.001566	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-10	-3.160000	-0.003778	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	0	-5.570000	-0.006659	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	10	-3.250000	-0.003885	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	20	-5.510000	-0.006587	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	30	-6.690000	-0.007998	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	40	-4.520000	-0.005403	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	50	-6.680000	-0.007986	PASS

N5	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-6.040000	-0.007135	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-7.410000	-0.008754	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-7.680000	-0.009073	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	0	-9.110000	-0.010762	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	10	-5.180000	-0.006119	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	20	-6.320000	-0.007466	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	30	-5.770000	-0.006816	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	40	-6.900000	-0.008151	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	50	-6.220000	-0.007348	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-5.440000	-0.006426	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-6.880000	-0.008128	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-3.960000	-0.004678	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	0	-8.020000	-0.009474	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	10	-6.380000	-0.007537	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	20	-5.870000	-0.006934	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	30	-5.560000	-0.006568	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	40	-3.540000	-0.004182	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	50	-7.150000	-0.008447	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-30	0.130000	0.000157	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-2.340000	-0.002823	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-2.710000	-0.003269	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	0	-4.280000	-0.005163	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	10	-2.360000	-0.002847	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	20	-2.440000	-0.002943	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	30	-2.590000	-0.003124	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	40	-2.730000	-0.003293	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	50	-2.860000	-0.003450	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-4.710000	-0.005682	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-2.480000	-0.002992	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-1.370000	-0.001653	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	0	-2.009999	-0.002425	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	10	-1.130000	-0.001363	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	20	-3.030000	-0.003655	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	30	-1.820000	-0.002195	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	40	-4.900000	-0.005911	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	50	-1.960000	-0.002364	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-2.440000	-0.002917	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-2.930000	-0.003503	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-2.920000	-0.003491	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	0	-3.520000	-0.004208	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	10	-2.180000	-0.002606	PASS

N5	15	10	DFT-QPSK	M	Outer_Full	NV	20	-5.210000	-0.006228	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	30	-1.540000	-0.001841	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	40	-2.490000	-0.002977	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	50	-3.760000	-0.004495	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-2.480000	-0.002965	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-2.430000	-0.002905	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-3.980000	-0.004758	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	0	-0.390000	-0.000466	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	10	-3.270000	-0.003909	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	20	-4.139999	-0.004949	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	30	-4.550000	-0.005439	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	40	-0.490000	-0.000586	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	50	-0.720000	-0.000861	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-6.520000	-0.007725	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-4.420000	-0.005237	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-6.300000	-0.007464	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	0	-3.030000	-0.003590	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	10	-4.680000	-0.005545	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	20	-3.870000	-0.004585	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	30	-3.080000	-0.003649	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	40	-4.160000	-0.004929	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	50	-3.190000	-0.003780	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-2.890000	-0.003424	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-1.760000	-0.002085	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-5.030000	-0.005960	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	0	-4.940000	-0.005853	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	10	-5.800000	-0.006872	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	20	-2.800000	-0.003318	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	30	-3.580000	-0.004242	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	40	-2.600000	-0.003081	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	50	-5.610000	-0.006647	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-30	-5.440000	-0.006542	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-4.800000	-0.005773	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-10	-5.730000	-0.006891	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	0	-4.190000	-0.005039	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	10	-4.070000	-0.004895	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	20	-5.660000	-0.006807	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	30	-6.860000	-0.008250	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	40	-6.550000	-0.007877	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	50	-5.780000	-0.006951	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-5.970000	-0.007180	PASS

N5	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-5.840000	-0.007023	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-7.790000	-0.009369	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	0	-7.750000	-0.009321	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	10	-6.190000	-0.007444	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	20	-6.230000	-0.007492	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	30	-6.830000	-0.008214	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-5.380000	-0.006432	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-2.830000	-0.003383	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-3.180000	-0.003802	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	0	-3.320000	-0.003969	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-4.150000	-0.004961	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-6.690000	-0.007998	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-7.500000	-0.008966	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	0	-3.730000	-0.004459	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	10	-4.790000	-0.005726	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	20	-4.640000	-0.005547	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	30	-5.850000	-0.006993	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	40	-3.930000	-0.004698	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	50	-7.520000	-0.008990	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-3.240000	-0.003850	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-5.130000	-0.006096	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-5.260000	-0.006251	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	0	-2.170000	-0.002579	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	10	-1.630000	-0.001937	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	20	-2.150000	-0.002555	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	30	-2.860000	-0.003399	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	40	-1.530000	-0.001818	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	50	-2.160000	-0.002567	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-5.740000	-0.006821	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-3.200000	-0.003803	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-2.360000	-0.002805	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	0	-2.590000	-0.003078	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	10	-4.600000	-0.005466	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	20	-5.230000	-0.006215	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	30	-2.920000	-0.003470	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	40	-3.470000	-0.004124	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	50	-3.680000	-0.004373	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-5.500000	-0.006595	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-6.390000	-0.007662	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-4.930000	-0.005911	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	0	-5.450000	-0.006535	PASS

N5	15	20	DFT-QPSK	L	Outer_Full	NV	10	-4.810000	-0.005767	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	20	-7.120000	-0.008537	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	30	-6.940000	-0.008321	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	40	-5.190000	-0.006223	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	50	-5.630000	-0.006751	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-6.790000	-0.008141	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-4.240000	-0.005084	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-2.150000	-0.002578	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	0	-4.950000	-0.005935	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	10	-4.179999	-0.005012	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	20	-4.670000	-0.005600	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	30	-4.840000	-0.005803	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	40	-4.450000	-0.005336	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	50	-5.140000	-0.006163	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-7.190000	-0.008595	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-7.070000	-0.008452	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-6.390000	-0.007639	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	0	-5.500000	-0.006575	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	10	-4.090000	-0.004889	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	20	-5.900000	-0.007053	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	30	-6.470000	-0.007735	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	40	-6.630000	-0.007926	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	50	-6.510000	-0.007782	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-7.770000	-0.009289	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-4.179999	-0.004997	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-5.160000	-0.006169	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	0	-4.670000	-0.005583	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	10	-4.160000	-0.004973	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	20	-7.170000	-0.008571	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	30	-4.160000	-0.004973	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	40	-6.310000	-0.007543	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	50	-7.550000	-0.009026	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-5.520000	-0.006579	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-3.830000	-0.004565	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-3.850000	-0.004589	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	0	-4.650000	-0.005542	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	10	-5.730000	-0.006830	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	20	-6.300000	-0.007509	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	30	-5.220000	-0.006222	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	40	-4.690000	-0.005590	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	50	-4.400000	-0.005244	PASS

N5	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-4.570000	-0.005447	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-6.020000	-0.007175	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-4.680000	-0.005578	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.760000	-0.006865	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	10	-5.660000	-0.006746	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	20	-3.420000	-0.004075	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	30	-3.670000	-0.004374	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	40	-7.270000	-0.008665	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	50	-6.250000	-0.007449	PASS