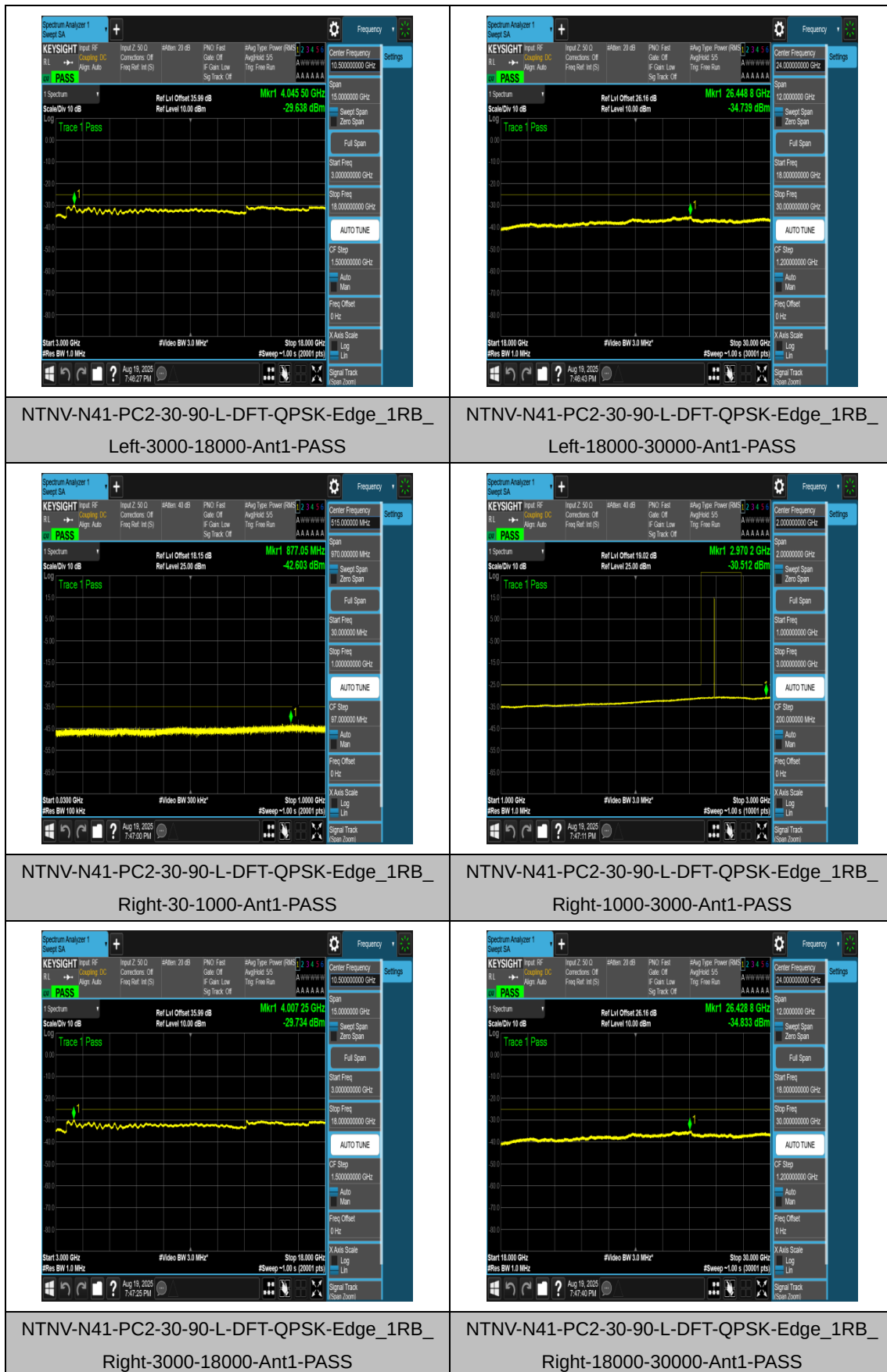
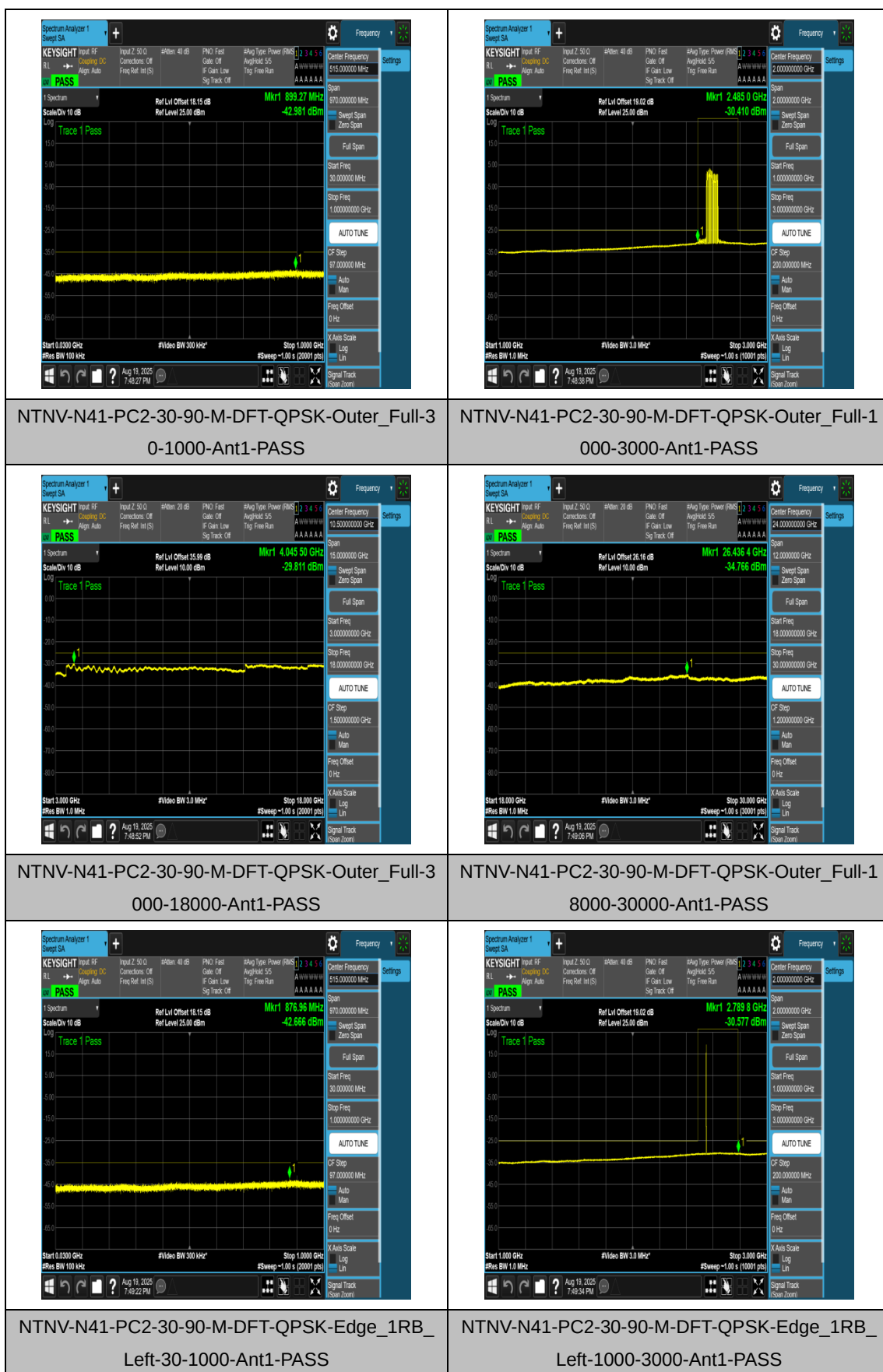
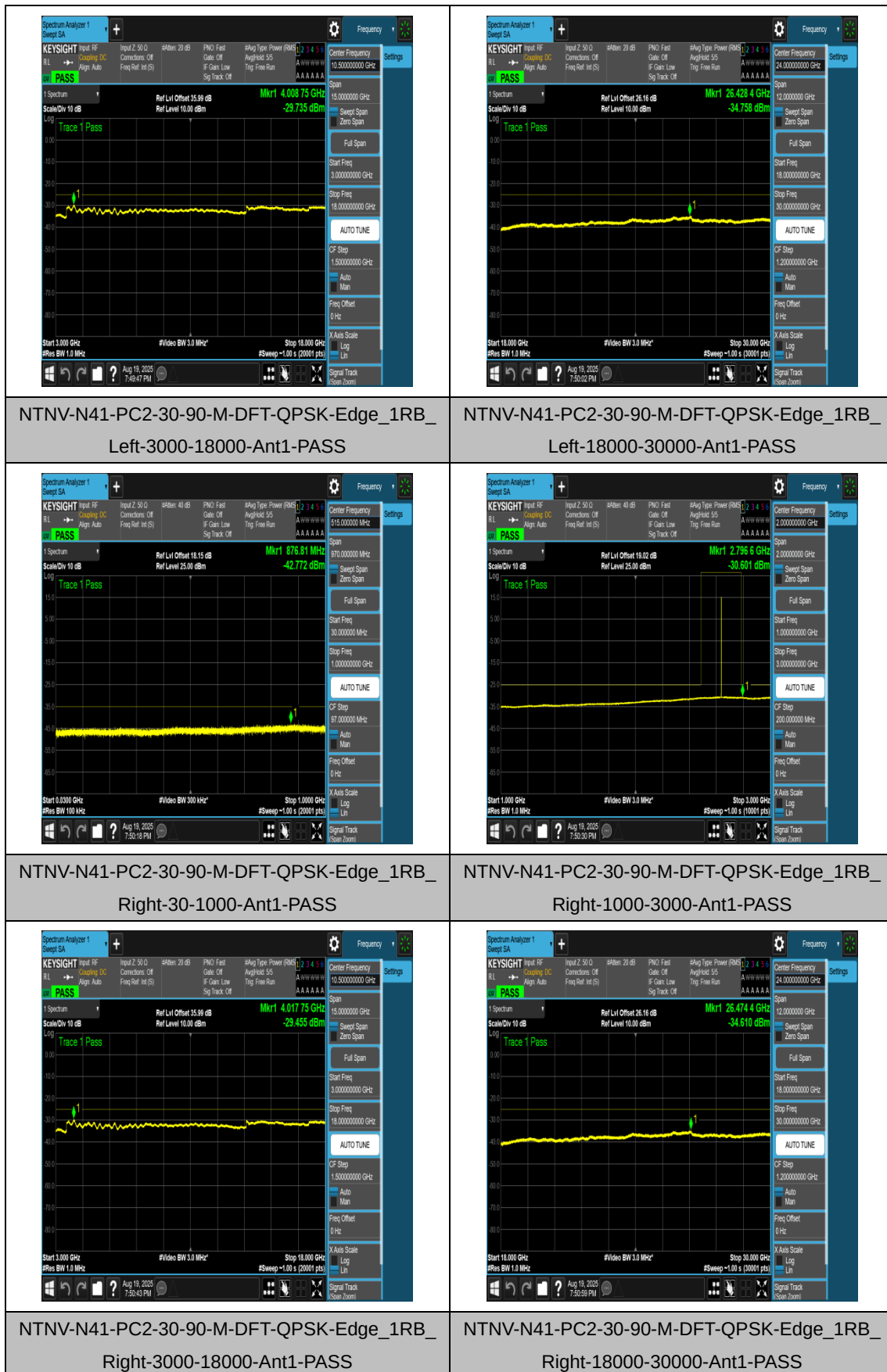
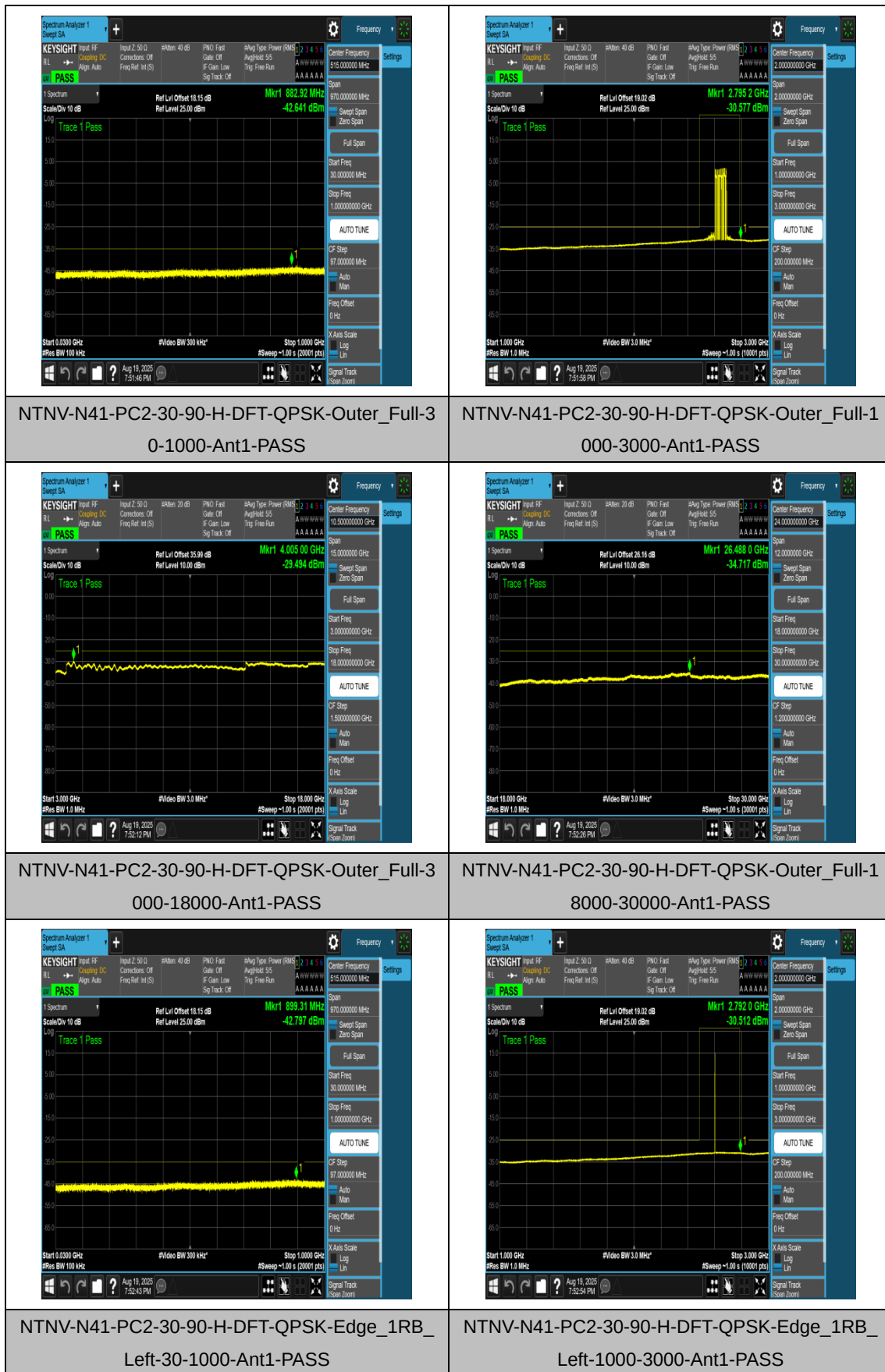
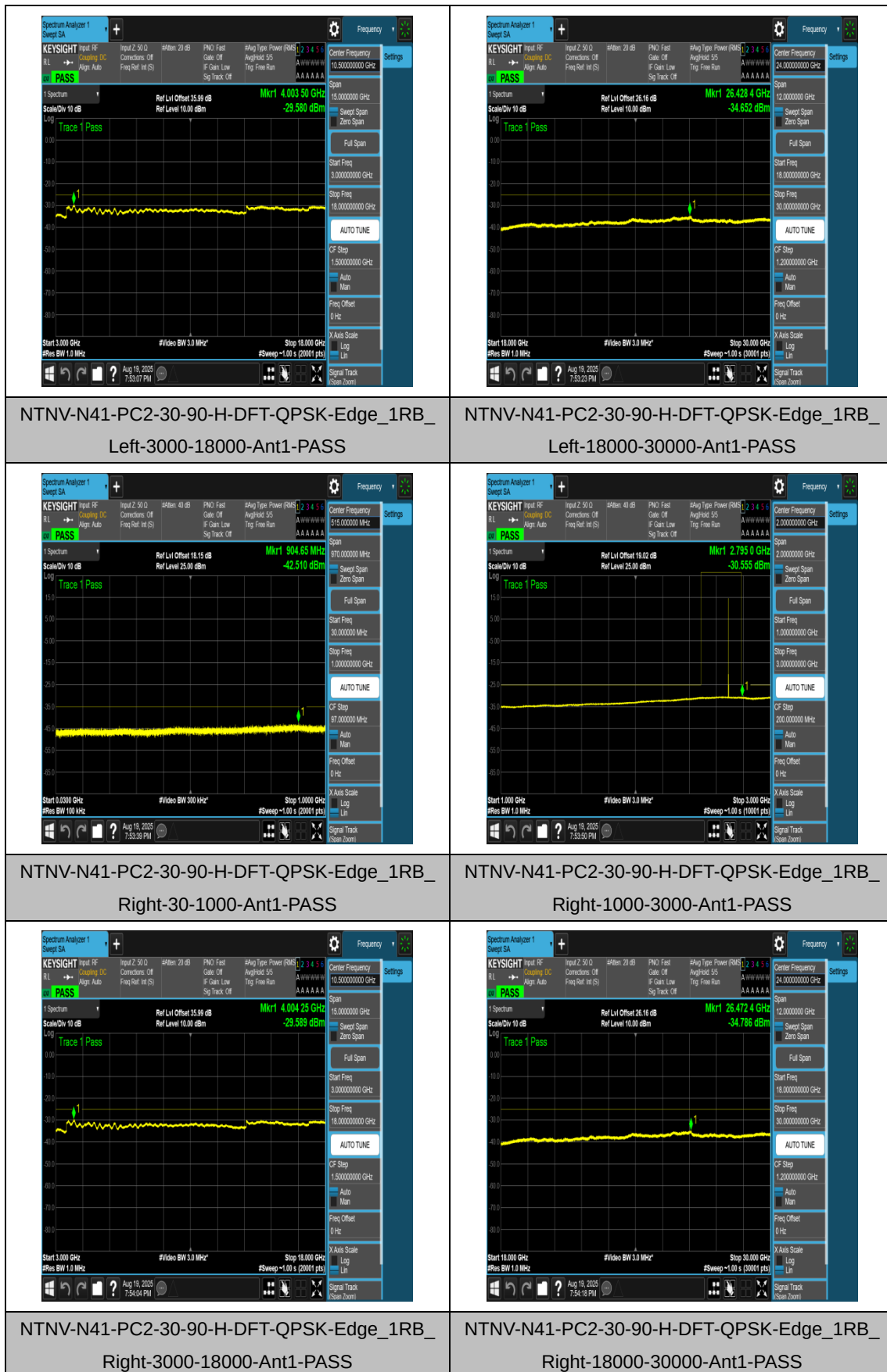


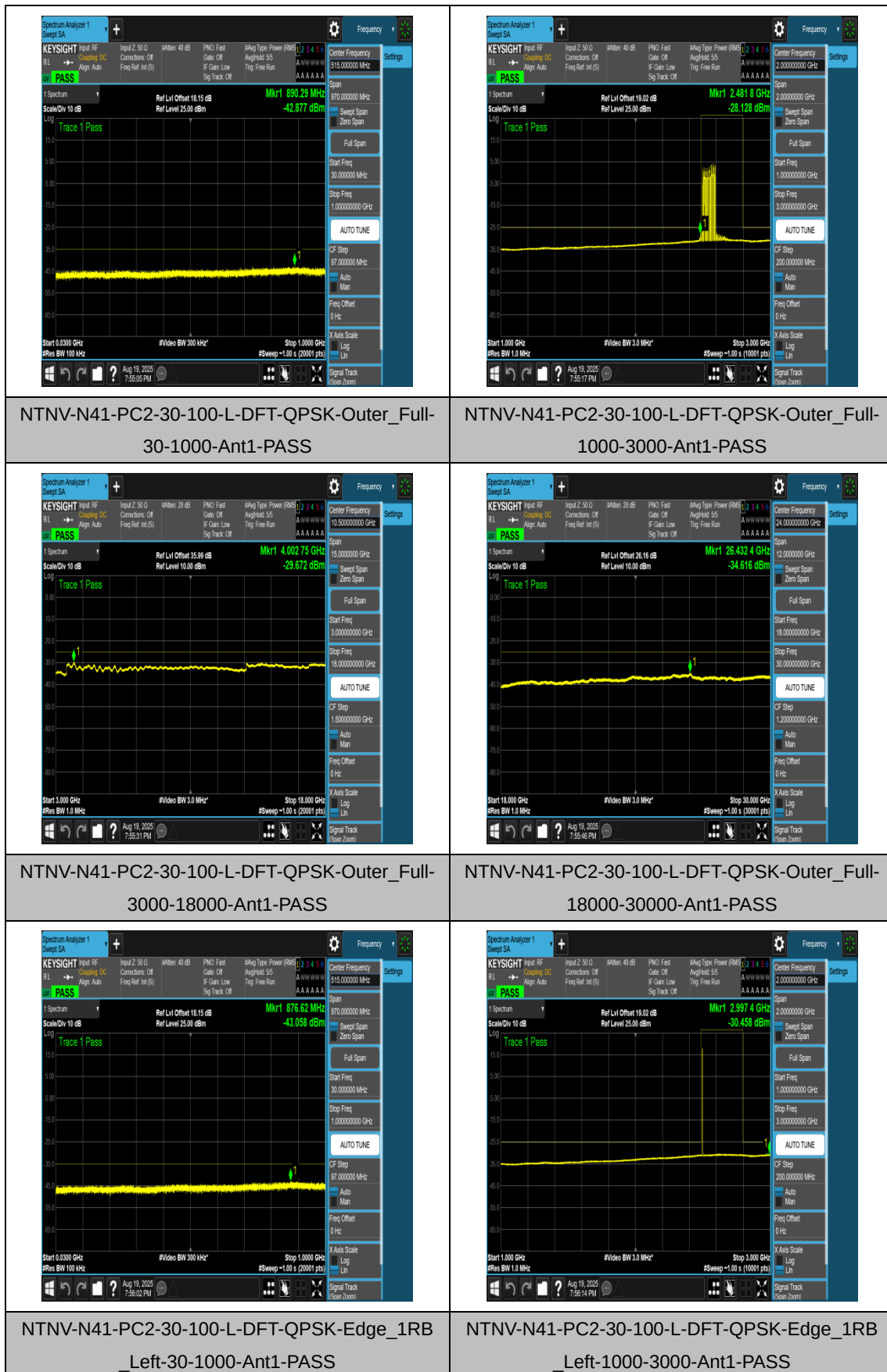


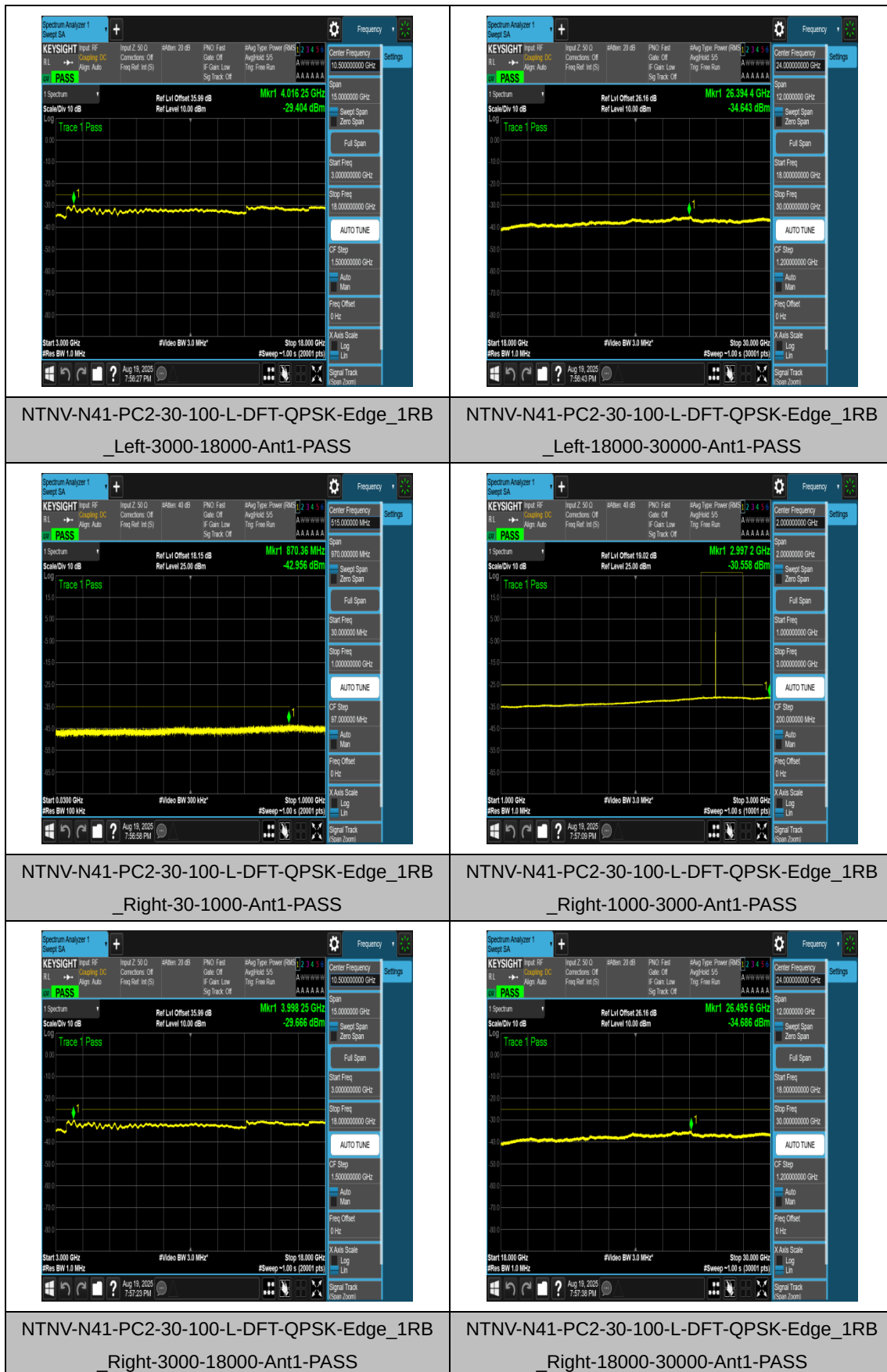


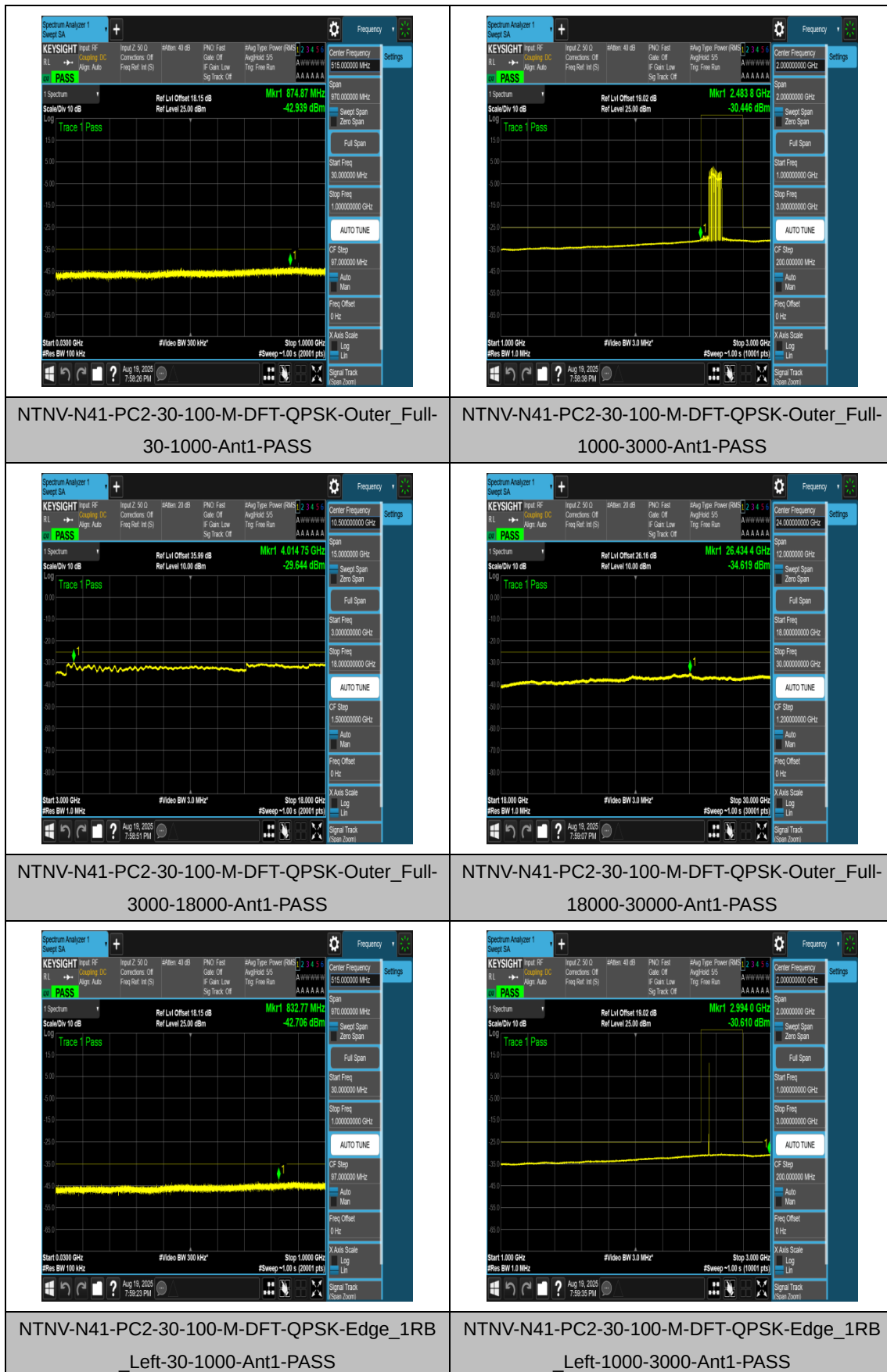


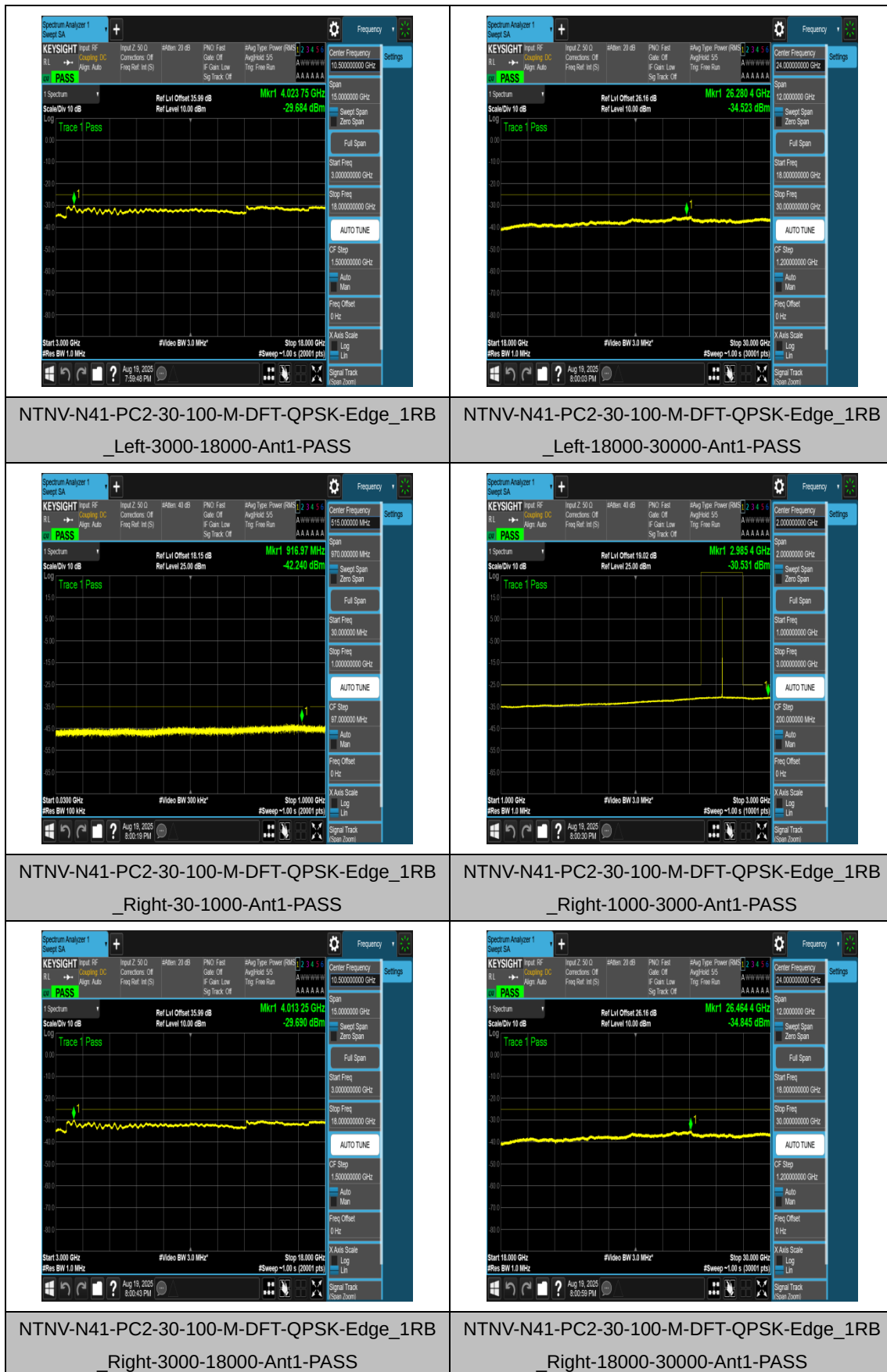


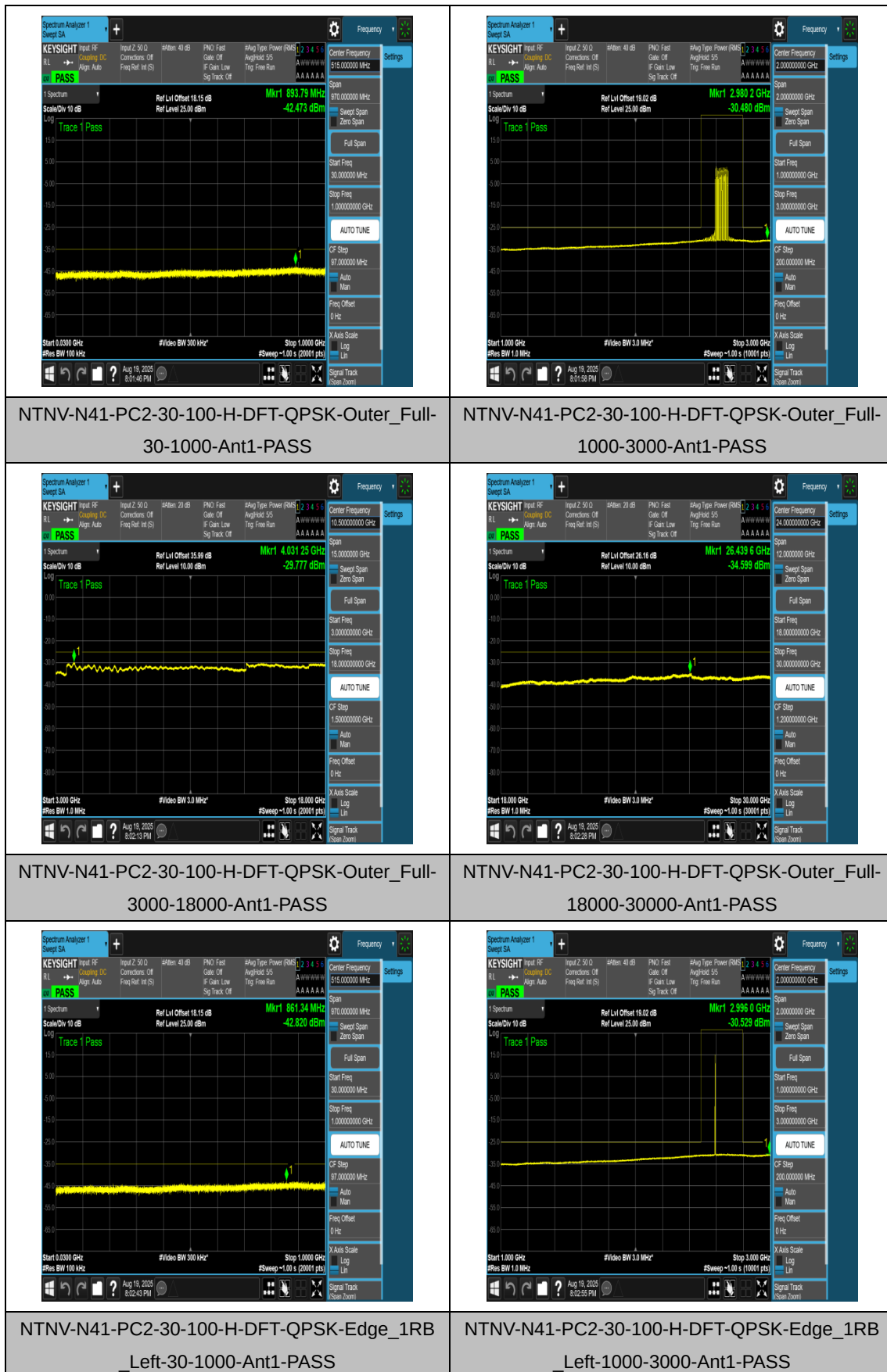


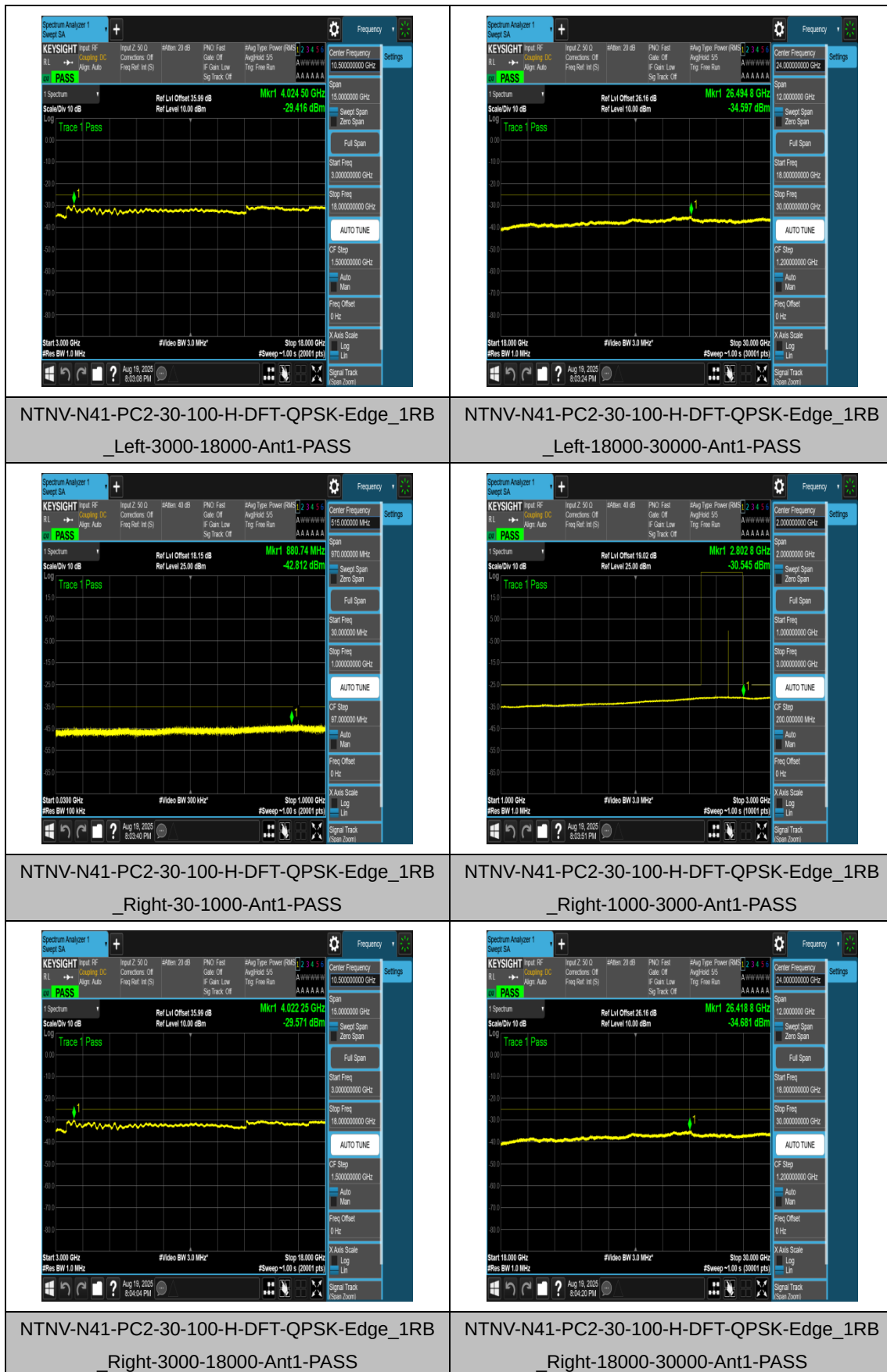












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	10	DFT-QPSK	L	Outer_Full	VL	NT	-6.590000	-0.002635	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-0.650000	-0.000260	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-2.380000	-0.000952	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	VL	NT	-5.650000	-0.002259	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	VN	NT	-8.400000	-0.003359	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	VH	NT	-6.910000	-0.002763	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-3.770000	-0.001454	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-11.300000	-0.004358	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	VH	NT	1.320000	0.000509	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	VL	NT	-24.120000	-0.009302	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	VN	NT	-11.770000	-0.004539	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	VH	NT	-16.190000	-0.006244	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	VL	NT	3.560000	0.001326	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	VN	NT	0.970000	0.000361	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	VH	NT	6.200000	0.002309	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	VL	NT	-4.240000	-0.001579	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	VN	NT	-3.760000	-0.001400	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	VH	NT	-1.110000	-0.000413	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-7.010000	-0.002800	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	VN	NT	-0.520000	-0.000208	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-8.660000	-0.003459	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	VL	NT	-3.810000	-0.001522	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	VN	NT	4.750000	0.001897	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	VH	NT	-7.440000	-0.002972	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-1.020000	-0.000393	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-2.260000	-0.000872	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-5.370000	-0.002071	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	VL	NT	-11.120000	-0.004288	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	VN	NT	-3.760000	-0.001450	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	VH	NT	-7.500000	-0.002892	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	VL	NT	-2.740000	-0.001021	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	VN	NT	-3.150000	-0.001174	PASS

N41	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-4.480000	-0.001670	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	VL	NT	-0.170000	-0.000063	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	VN	NT	-8.950000	-0.003336	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	VH	NT	3.400000	0.001267	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-14.010000	-0.005591	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-12.220000	-0.004876	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-13.550000	-0.005407	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-1.840000	-0.000734	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VN	NT	2.020000	0.000806	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-3.020000	-0.001205	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VL	NT	9.910000	0.003822	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-1.240000	-0.000478	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VH	NT	1.320000	0.000509	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-14.860000	-0.005731	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VN	NT	5.100000	0.001967	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-6.920000	-0.002669	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-1.960000	-0.000731	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-8.630000	-0.003220	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-6.270000	-0.002340	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VL	NT	0.640000	0.000239	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VN	NT	6.310000	0.002354	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VH	NT	6.040000	0.002254	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-3.950000	-0.001573	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VN	NT	-9.190000	-0.003660	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-2.280000	-0.000908	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VL	NT	-3.180000	-0.001266	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VN	NT	-0.050000	-0.000020	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VH	NT	-3.380000	-0.001346	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-2.700000	-0.001041	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VN	NT	1.250000	0.000482	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-0.210000	-0.000081	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VL	NT	-20.880000	-0.008052	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VN	NT	-27.900000	-0.010760	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VH	NT	-19.210000	-0.007408	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	4.030000	0.001507	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VH	NT	-6.700000	-0.002505	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VL	NT	2.440000	0.000912	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VN	NT	-2.350000	-0.000879	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VH	NT	11.460000	0.004284	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VL	NT	1.750000	0.000696	PASS

N41	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-4.390000	-0.001745	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-7.460000	-0.002965	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-0.810000	-0.000322	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-4.150000	-0.001649	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VH	NT	-1.890000	-0.000751	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-3.400000	-0.001311	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-1.910000	-0.000737	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-1.930000	-0.000744	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VL	NT	0.910000	0.000351	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-3.560000	-0.001373	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-6.810000	-0.002626	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VL	NT	6.480000	0.002427	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VN	NT	4.640000	0.001738	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VH	NT	9.600000	0.003596	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-3.650000	-0.001367	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-2.029999	-0.000760	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-2.670000	-0.001000	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VL	NT	5.060000	0.002007	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VN	NT	9.540000	0.003784	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VH	NT	7.400000	0.002935	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-1.550000	-0.000615	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VN	NT	0.020000	0.000008	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VH	NT	4.920000	0.001952	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VL	NT	12.270000	0.004732	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VN	NT	12.200000	0.004705	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VH	NT	8.450000	0.003259	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-6.190000	-0.002387	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-5.880000	-0.002268	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-8.430000	-0.003251	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-8.640000	-0.003242	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VN	NT	1.670000	0.000627	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-2.240000	-0.000841	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-7.220000	-0.002709	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-4.330000	-0.001625	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-4.160000	-0.001561	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-0.030000	-0.000012	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-1.620000	-0.000641	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-3.340000	-0.001322	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-1.940000	-0.000768	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-0.470000	-0.000186	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-0.500000	-0.000198	PASS

N41	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-0.370000	-0.000143	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-2.240000	-0.000864	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-7.160000	-0.002761	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-8.410000	-0.003243	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-2.940000	-0.001134	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-1.840000	-0.000710	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-0.790000	-0.000297	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-2.240000	-0.000842	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-1.520000	-0.000571	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-2.450000	-0.000921	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-3.190000	-0.001199	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-9.410000	-0.003538	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-5.250000	-0.002070	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-22.020000	-0.008683	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-24.630000	-0.009712	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VL	NT	4.840000	0.001909	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-0.990000	-0.000390	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VH	NT	1.440000	0.000568	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-2.690000	-0.001037	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VN	NT	1.800000	0.000694	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VH	NT	0.200000	0.000077	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-3.220000	-0.001242	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-9.120000	-0.003517	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-9.920000	-0.003826	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-1.240000	-0.000468	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-4.280000	-0.001615	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-4.099999	-0.001547	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-9.160000	-0.003457	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-3.450000	-0.001302	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-8.660000	-0.003268	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-2.029999	-0.000799	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-8.350000	-0.003286	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-13.990000	-0.005506	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-5.740000	-0.002259	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-6.620000	-0.002605	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-6.460000	-0.002542	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-1.400000	-0.000540	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-3.600000	-0.001388	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VH	NT	4.070000	0.001570	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-3.780000	-0.001458	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-0.620000	-0.000239	PASS

N41	30	90	DFT-16QAM	M	Outer_Full	VH	NT	7.270000	0.002804	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VL	NT	2.440000	0.000923	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-0.410000	-0.000155	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-1.050000	-0.000397	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-8.010000	-0.003028	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-8.189999	-0.003096	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-5.270000	-0.001991	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-15.620000	-0.006135	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-27.830000	-0.010931	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-5.630000	-0.002211	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VL	NT	3.230000	0.001269	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VN	NT	0.200000	0.000079	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-1.490000	-0.000585	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-7.460000	-0.002877	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VN	NT	1.020000	0.000393	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-2.049999	-0.000791	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-5.060000	-0.001951	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VN	NT	1.180000	0.000455	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-2.980000	-0.001149	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-3.800000	-0.001439	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-5.140000	-0.001947	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-2.100000	-0.000795	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-0.430000	-0.000163	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-3.890000	-0.001473	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VH	NT	0.180000	0.000068	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	10	DFT-QPSK	L	Outer_Full	NV	-30	3.850000	0.001539	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-8.890000	-0.003555	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-1.630000	-0.000652	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	0	-1.410000	-0.000564	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	10	-0.450000	-0.000180	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	20	-6.550000	-0.002619	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	30	-5.230000	-0.002091	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	40	-7.920000	-0.003167	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	NV	50	-2.270000	-0.000908	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	-30	-0.860000	-0.000344	PASS

N41	30	10	DFT-16QAM	L	Outer_Full	NV	-20	8.500000	0.003399	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	-10	-6.480000	-0.002591	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	0	-5.090000	-0.002035	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	10	-1.350000	-0.000540	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	20	-3.800000	-0.001519	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	30	1.320000	0.000528	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	40	-7.830000	-0.003131	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	NV	50	-1.710000	-0.000684	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-4.660000	-0.001797	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-6.700000	-0.002584	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-4.240000	-0.001635	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	0	-20.840000	-0.008037	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	10	-27.060000	-0.010436	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	20	-26.830000	-0.010347	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	30	-23.630000	-0.009113	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	40	-24.860000	-0.009587	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	NV	50	-25.300000	-0.009757	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	-30	-11.480000	-0.004427	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	-20	-15.670000	-0.006043	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	-10	-7.880000	-0.003039	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	0	12.450000	0.004801	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	10	5.090000	0.001963	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	20	0.140000	0.000054	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	30	1.260000	0.000486	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	40	8.100000	0.003124	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	NV	50	4.960000	0.001913	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-9.710000	-0.003616	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	-20	3.610000	0.001345	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-5.830000	-0.002171	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	0	-7.970000	-0.002968	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	10	-8.430000	-0.003140	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	20	-0.250000	-0.000093	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	30	-6.320000	-0.002354	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	40	-2.630000	-0.000980	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	NV	50	4.040000	0.001505	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	-30	1.780000	0.000663	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	-20	-0.780000	-0.000291	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	-10	-8.530000	-0.003177	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	0	-2.910000	-0.001084	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	10	3.210000	0.001196	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	20	-3.570000	-0.001330	PASS

N41	30	10	DFT-16QAM	H	Outer_Full	NV	30	-2.520000	-0.000939	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	40	6.450000	0.002402	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	NV	50	0.650000	0.000242	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	-30	3.130000	0.001250	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-0.030000	-0.000012	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-5.960000	-0.002381	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	0	-1.060000	-0.000423	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	10	-0.150000	-0.000060	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	20	-6.030000	-0.002409	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	30	-7.110000	-0.002840	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	40	2.250000	0.000899	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	NV	50	-4.420000	-0.001766	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	-30	3.140000	0.001254	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	-20	-7.500000	-0.002996	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	-10	12.930000	0.005165	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	0	-8.109999	-0.003239	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	10	3.750000	0.001498	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	20	4.300000	0.001718	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	30	-2.780000	-0.001110	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	40	-6.460000	-0.002580	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	NV	50	1.060000	0.000423	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-1.770000	-0.000683	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-2.610000	-0.001007	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-8.020000	-0.003093	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	0	-6.420000	-0.002476	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	10	2.540000	0.000980	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	20	-7.790000	-0.003004	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	30	-7.560000	-0.002916	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	40	-6.380000	-0.002460	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	NV	50	-11.480000	-0.004427	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	-30	-12.790000	-0.004933	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	-20	-10.260000	-0.003956	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	-10	-11.230000	-0.004331	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	0	-5.930000	-0.002287	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	10	-0.710000	-0.000274	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	20	-5.460000	-0.002106	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	30	-5.080000	-0.001958	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	40	-1.900000	-0.000733	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	NV	50	1.770000	0.000683	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-0.480000	-0.000179	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	-20	2.670000	0.000995	PASS

N41	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-4.700000	-0.001752	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	0	-6.290000	-0.002345	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	10	-5.640000	-0.002103	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	20	-7.030000	-0.002621	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	30	-0.250000	-0.000093	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	40	-1.030000	-0.000384	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	NV	50	-7.600000	-0.002833	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	-30	-2.180000	-0.000813	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	-20	-3.990000	-0.001487	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	-10	-4.310000	-0.001607	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	0	-8.080000	-0.003012	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	10	-11.540000	-0.004302	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	20	-1.120000	-0.000418	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	30	-8.650000	-0.003225	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	40	-9.290000	-0.003463	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	NV	50	-6.060000	-0.002259	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-15.040000	-0.006002	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-3.270000	-0.001305	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-10	15.310000	0.006109	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	0	24.040000	0.009593	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	10	16.110000	0.006429	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	20	8.000000	0.003192	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	30	6.300000	0.002514	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	40	-6.170000	-0.002462	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	50	6.730000	0.002686	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-3.850000	-0.001536	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-2.360000	-0.000942	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-1.260000	-0.000503	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	0	-0.970000	-0.000387	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	10	-6.320000	-0.002522	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	20	-1.830000	-0.000730	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	30	-3.710000	-0.001480	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	40	1.520000	0.000607	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	50	-1.680000	-0.000670	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-1.410000	-0.000544	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-0.500000	-0.000193	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-10	10.150000	0.003914	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	0	-0.190000	-0.000073	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	10	7.050000	0.002719	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	20	-6.070000	-0.002341	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	30	-1.820000	-0.000702	PASS

N41	30	20	DFT-QPSK	M	Outer_Full	NV	40	-4.630000	-0.001786	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	50	0.460000	0.000177	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-0.930000	-0.000359	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-7.880000	-0.003039	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-5.060000	-0.001951	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	0	-5.100000	-0.001967	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	10	2.610000	0.001007	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	20	3.440000	0.001327	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	30	-2.570000	-0.000990	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	40	-1.840000	-0.000710	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	50	1.710000	0.000659	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-7.330000	-0.002735	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-4.080000	-0.001522	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-7.180000	-0.002679	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	0	-6.970000	-0.002601	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	10	-4.490000	-0.001675	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	20	2.580000	0.000963	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	30	3.530000	0.001317	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	40	-1.370000	-0.000510	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	50	3.700000	0.001381	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-30	2.060000	0.000769	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-0.590000	-0.000220	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-10	6.460000	0.002410	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	0	1.770000	0.000660	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	10	4.420000	0.001649	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	20	0.860000	0.000321	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	30	1.180000	0.000440	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	40	2.390000	0.000892	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	50	1.300000	0.000485	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-7.960000	-0.003170	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-20	-4.220000	-0.001681	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-10	0.060000	0.000024	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	0	-4.240000	-0.001689	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	10	-6.420000	-0.002557	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	20	-3.860000	-0.001537	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	30	-6.150000	-0.002449	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	40	-0.350000	-0.000139	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	50	-6.030000	-0.002401	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-30	2.110000	0.000840	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-20	0.270000	0.000108	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-10	2.110000	0.000840	PASS

N41	30	30	DFT-16QAM	L	Outer_Full	NV	0	-0.950000	-0.000378	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	10	-5.890000	-0.002346	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	20	-2.850000	-0.001135	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	30	-4.340000	-0.001728	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	40	-2.890000	-0.001151	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	50	-8.560000	-0.003409	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-3.830000	-0.001477	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-2.280000	-0.000879	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-3.360000	-0.001296	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	0	-4.740000	-0.001828	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	10	-3.220000	-0.001242	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	20	1.450000	0.000559	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	30	-4.850000	-0.001870	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	40	-16.860000	-0.006502	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	50	-18.440000	-0.007111	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-30	-13.300000	-0.005129	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-20	-24.270000	-0.009360	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-10	-8.029999	-0.003097	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	0	-22.750000	-0.008774	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	10	-2.330000	-0.000899	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	20	3.260000	0.001257	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	30	8.450000	0.003259	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	40	8.520000	0.003286	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	50	3.730000	0.001438	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-7.770000	-0.002905	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-8.020000	-0.002998	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-10	-5.020000	-0.001877	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	0	0.790000	0.000295	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	10	-5.440000	-0.002033	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	20	0.470000	0.000176	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	30	3.600000	0.001346	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	40	0.210000	0.000079	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	50	2.760000	0.001032	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-30	-9.130000	-0.003413	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-20	-4.090000	-0.001529	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-10	3.770000	0.001409	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	0	0.320000	0.000120	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	10	-1.560000	-0.000583	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	20	0.050000	0.000019	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	30	-1.810000	-0.000677	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	40	-5.690000	-0.002127	PASS

N41	30	30	DFT-16QAM	H	Outer_Full	NV	50	-2.450000	-0.000916	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-5.720000	-0.002273	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-9.130000	-0.003629	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-9.930000	-0.003947	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	0	-14.030000	-0.005576	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	10	-1.560000	-0.000620	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	20	-5.730000	-0.002277	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	30	-9.260000	-0.003680	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	40	-1.240000	-0.000492	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	50	-4.030000	-0.001602	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-4.170000	-0.001657	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-12.800000	-0.005087	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-10	2.220000	0.000882	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	0	-1.740000	-0.000692	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	10	-5.810000	-0.002309	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	20	-7.360000	-0.002925	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	30	-9.400000	-0.003736	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	40	-5.100000	-0.002027	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	50	-5.640000	-0.002242	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-30	0.570000	0.000220	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-5.360000	-0.002067	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-10	1.580000	0.000609	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	0	-1.780000	-0.000686	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	10	-1.960000	-0.000756	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	20	-1.520000	-0.000586	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	30	-4.410000	-0.001701	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	40	-6.320000	-0.002437	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	50	-5.940000	-0.002291	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-5.480000	-0.002113	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-7.220000	-0.002784	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-7.410000	-0.002858	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	0	0.260000	0.000100	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	10	-9.920000	-0.003826	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	20	-3.030000	-0.001169	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	30	-1.660000	-0.000640	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	40	-5.230000	-0.002017	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	50	1.710000	0.000659	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-3.460000	-0.001296	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-2.620000	-0.000981	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-3.620000	-0.001356	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	0	-6.090000	-0.002281	PASS

N41	30	40	DFT-QPSK	H	Outer_Full	NV	10	-0.700000	-0.000262	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	20	-8.279999	-0.003101	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	30	-1.200000	-0.000449	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	40	-5.130000	-0.001921	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	50	4.920000	0.001843	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-5.130000	-0.001921	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-2.190000	-0.000820	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-10	2.220000	0.000831	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	0	-3.680000	-0.001378	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	10	-4.420000	-0.001655	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	20	-2.700000	-0.001011	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	30	-1.000000	-0.000375	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	40	-3.850000	-0.001442	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	50	-7.150000	-0.002678	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-30	0.510000	0.000202	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-0.010000	-0.000004	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-10	0.520000	0.000206	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	0	0.650000	0.000258	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	10	0.030000	0.000012	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	20	0.390000	0.000155	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	30	2.160000	0.000857	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	40	1.230000	0.000488	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	50	6.710000	0.002662	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-0.860000	-0.000341	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-20	0.040000	0.000016	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-10	0.140000	0.000056	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	0	0.290000	0.000115	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	10	3.040000	0.001206	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	20	6.640000	0.002634	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	30	-12.020000	-0.004768	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	40	-16.920000	-0.006712	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	50	-24.900000	-0.009877	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-30	1.970000	0.000760	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-20	3.220000	0.001242	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-10	4.840000	0.001867	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	0	-0.160000	-0.000062	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	10	-1.050000	-0.000405	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	20	2.540000	0.000980	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	30	6.920000	0.002669	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	40	-3.700000	-0.001427	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	50	-6.610000	-0.002549	PASS

N41	30	50	DFT-16QAM	M	Outer_Full	NV	-30	4.640000	0.001789	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-2.620000	-0.001010	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-1.630000	-0.000629	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	0	-2.760000	-0.001064	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	10	3.450000	0.001331	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	20	9.260000	0.003571	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	30	-1.120000	-0.000432	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	40	2.550000	0.000982	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	50	-3.810000	-0.001469	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-3.960000	-0.001486	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-4.820000	-0.001809	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-3.910000	-0.001467	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	0	-4.760000	-0.001786	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	10	-7.340000	-0.002754	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	20	-2.840000	-0.001066	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	30	-8.080000	-0.003032	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	40	-6.980000	-0.002619	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	50	-9.310000	-0.003493	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-5.990000	-0.002248	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-8.740000	-0.003280	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-4.050000	-0.001520	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	0	-7.410000	-0.002780	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	10	-3.950000	-0.001482	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	20	-5.160000	-0.001936	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	30	-1.480000	-0.000555	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	40	-3.080000	-0.001156	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	50	-6.200000	-0.002326	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-30	4.910000	0.001944	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-1.430000	-0.000566	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-4.139999	-0.001639	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	0	6.630000	0.002625	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	10	-6.130000	-0.002427	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	20	1.050000	0.000416	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	30	0.160000	0.000063	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	40	-4.840000	-0.001916	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	50	-1.650000	-0.000653	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-4.820000	-0.001908	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-3.740000	-0.001481	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-5.510000	-0.002181	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	0	-4.030000	-0.001595	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	10	-4.170000	-0.001651	PASS

N41	30	60	DFT-16QAM	L	Outer_Full	NV	20	-2.540000	-0.001006	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	30	-4.120000	-0.001631	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	40	-5.370000	-0.002126	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	50	-3.470000	-0.001374	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-4.520000	-0.001743	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-2.960000	-0.001142	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-1.420000	-0.000548	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	0	-6.360000	-0.002453	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	10	0.800000	0.000309	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	20	-4.840000	-0.001867	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	30	-1.960000	-0.000756	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	40	-4.410000	-0.001701	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	50	0.160000	0.000062	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-30	-3.740000	-0.001442	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-20	4.860000	0.001874	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-10	2.650000	0.001021	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	0	-5.490000	-0.002117	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	10	-4.730000	-0.001824	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	20	-1.110000	-0.000428	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	30	-6.030000	-0.002326	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	40	-4.630000	-0.001786	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	50	-3.690000	-0.001423	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-4.480000	-0.001684	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-20	3.140000	0.001180	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-4.480000	-0.001684	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	0	-6.230000	-0.002342	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	10	-1.290000	-0.000485	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	20	-6.430000	-0.002417	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	30	-7.300000	-0.002744	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	40	-1.650000	-0.000620	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	50	-5.340000	-0.002007	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-4.260000	-0.001602	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-3.810000	-0.001432	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-0.030000	-0.000011	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	0	-2.850000	-0.001071	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	10	-12.280000	-0.004617	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	20	-2.240000	-0.000842	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	30	-9.900000	-0.003722	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	40	-5.770000	-0.002169	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	50	-6.450000	-0.002425	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-24.460000	-0.009645	PASS

N41	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-17.320000	-0.006830	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-11.200000	-0.004416	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	0	-17.500000	-0.006901	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	10	-21.240000	-0.008375	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	20	-7.020000	-0.002768	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	30	7.820000	0.003084	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	40	7.450000	0.002938	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	50	5.030000	0.001983	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-5.460000	-0.002153	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-1.310000	-0.000517	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-0.550000	-0.000217	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	0	-1.520000	-0.000599	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	10	-3.000000	-0.001183	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	20	1.720000	0.000678	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	30	-0.600000	-0.000237	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	40	-1.230000	-0.000485	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	50	-6.280000	-0.002476	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-4.720000	-0.001820	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-7.790000	-0.003004	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-3.370000	-0.001300	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	0	-9.650000	-0.003722	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	10	-6.590000	-0.002541	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	20	-6.490000	-0.002503	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	30	-11.700000	-0.004512	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	40	-5.000000	-0.001928	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	50	-3.610000	-0.001392	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-4.500000	-0.001735	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-20	2.029999	0.000783	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-1.180000	-0.000455	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	0	-6.940000	-0.002676	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	10	-5.860000	-0.002260	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	20	-8.330000	-0.003213	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	30	-8.870000	-0.003421	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	40	-9.360000	-0.003610	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	50	-8.390000	-0.003236	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-3.510000	-0.001325	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-20	1.100000	0.000415	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-10.770000	-0.004064	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	0	-8.440000	-0.003185	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	10	-10.450000	-0.003943	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	20	-4.210000	-0.001589	PASS