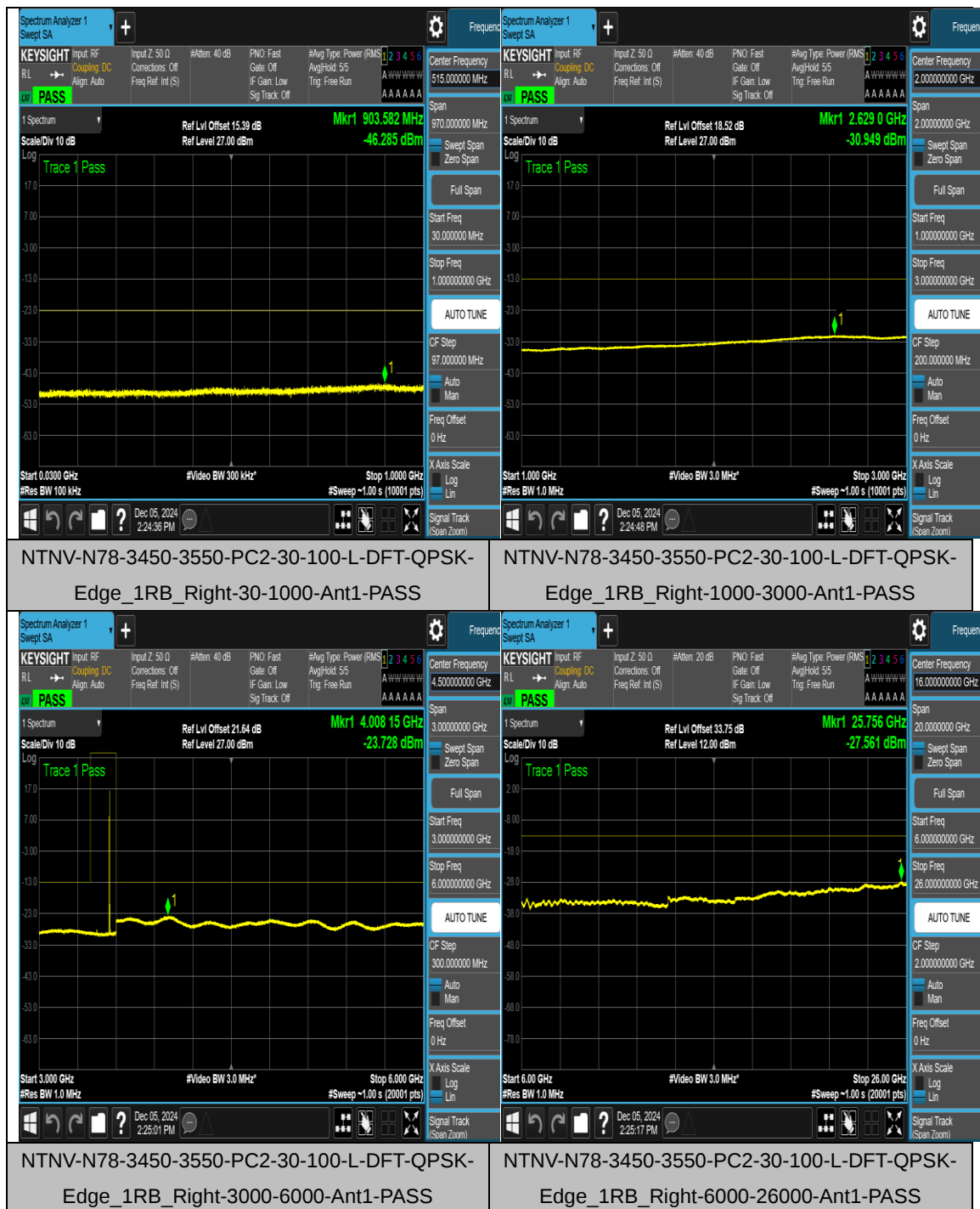
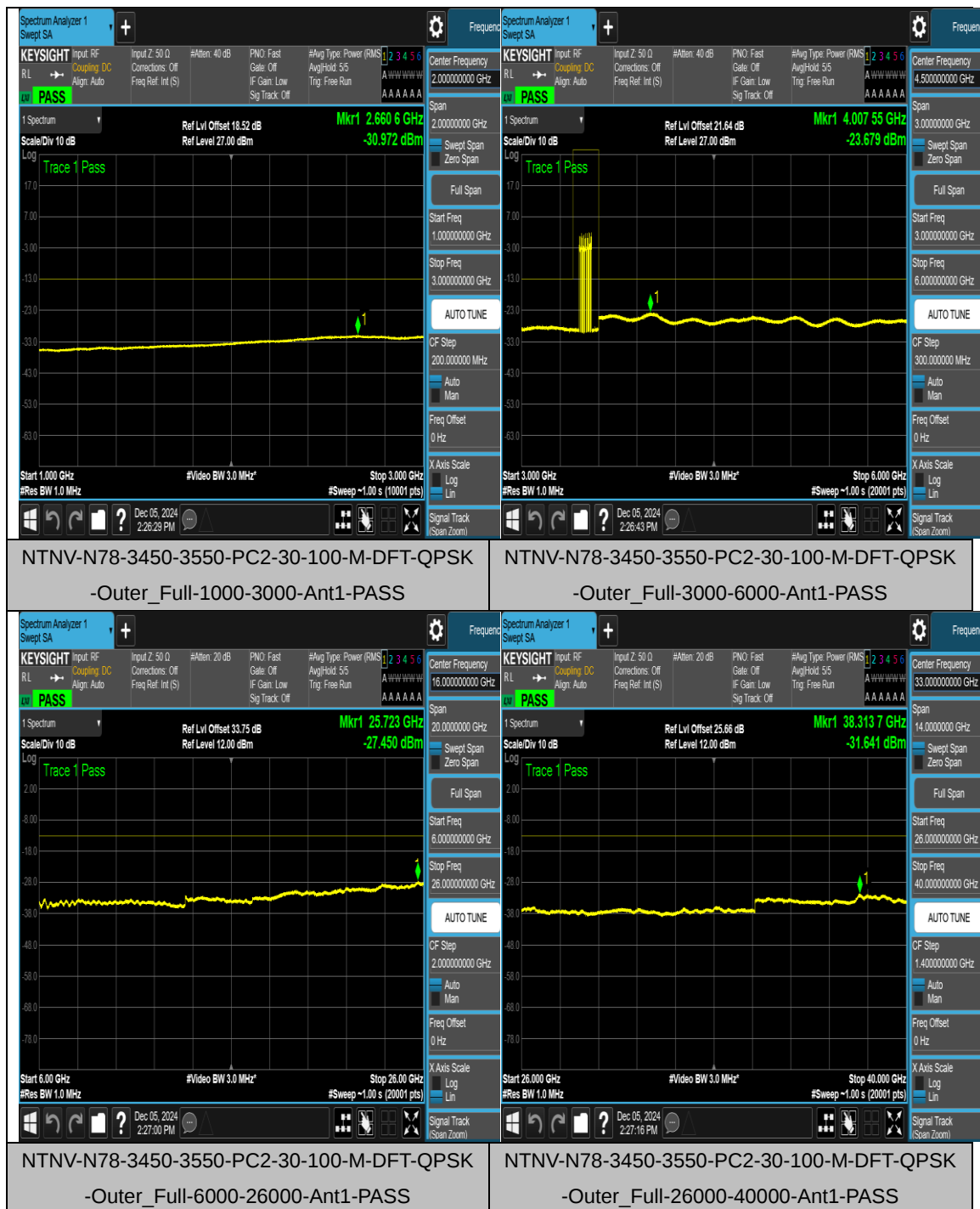
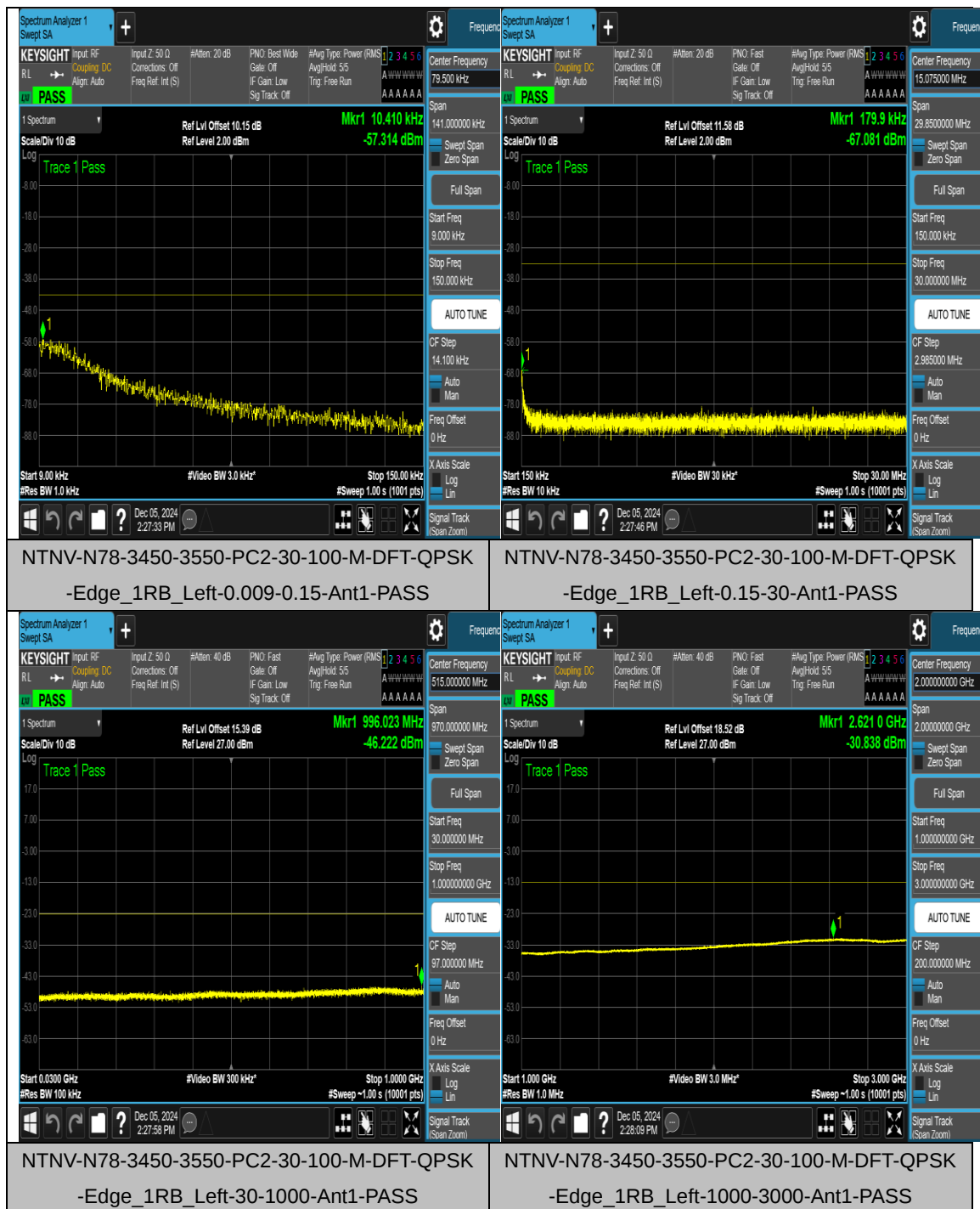


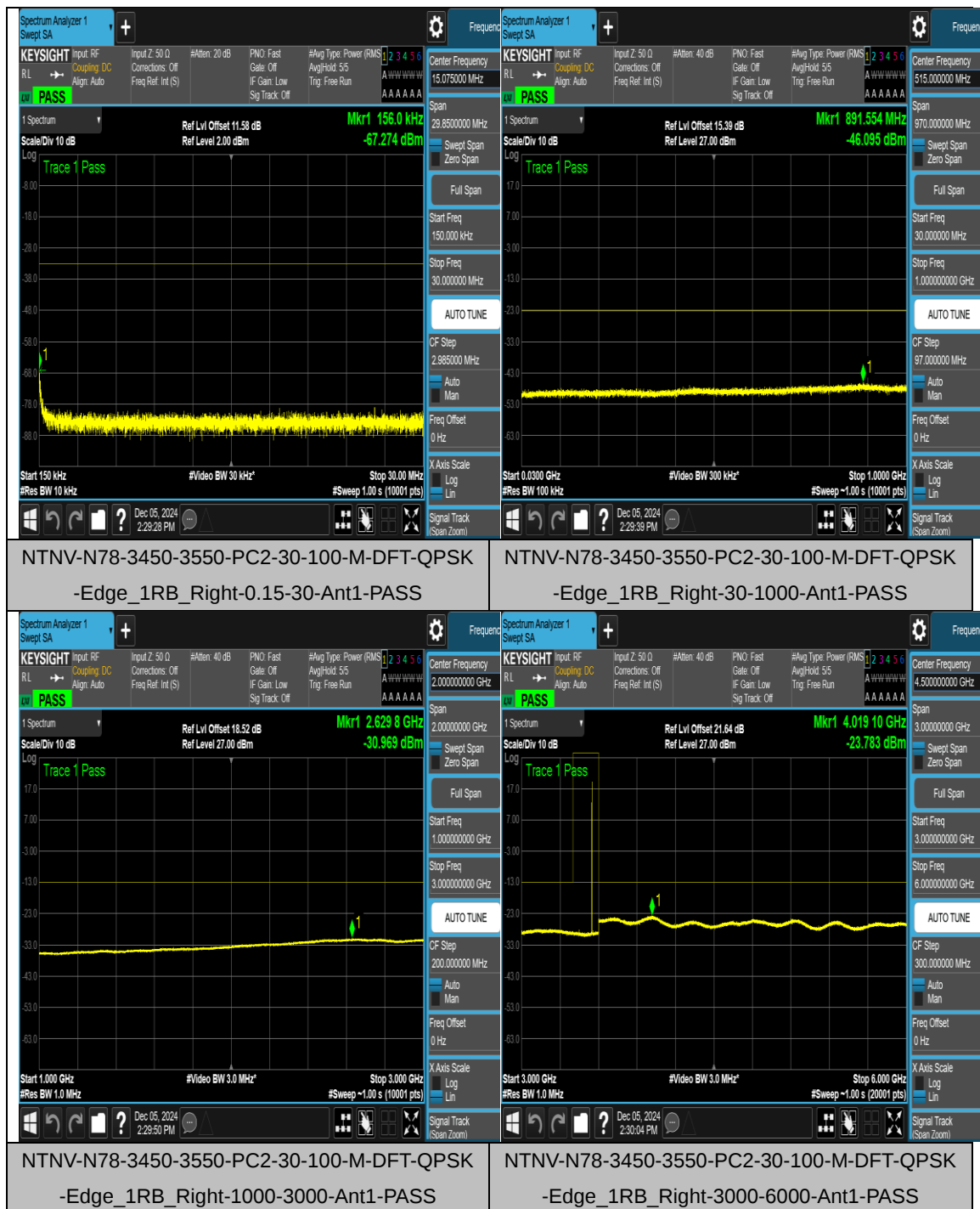




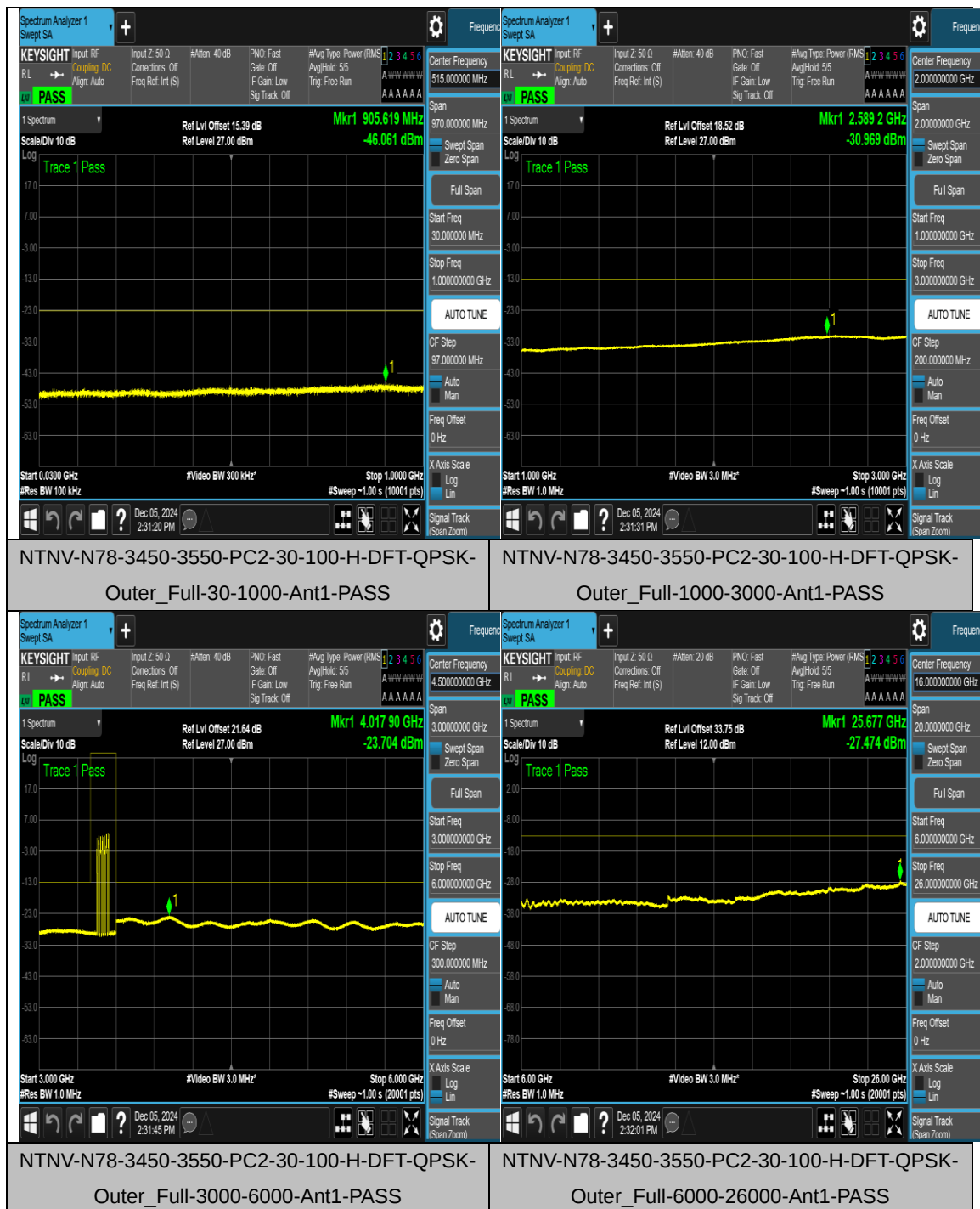




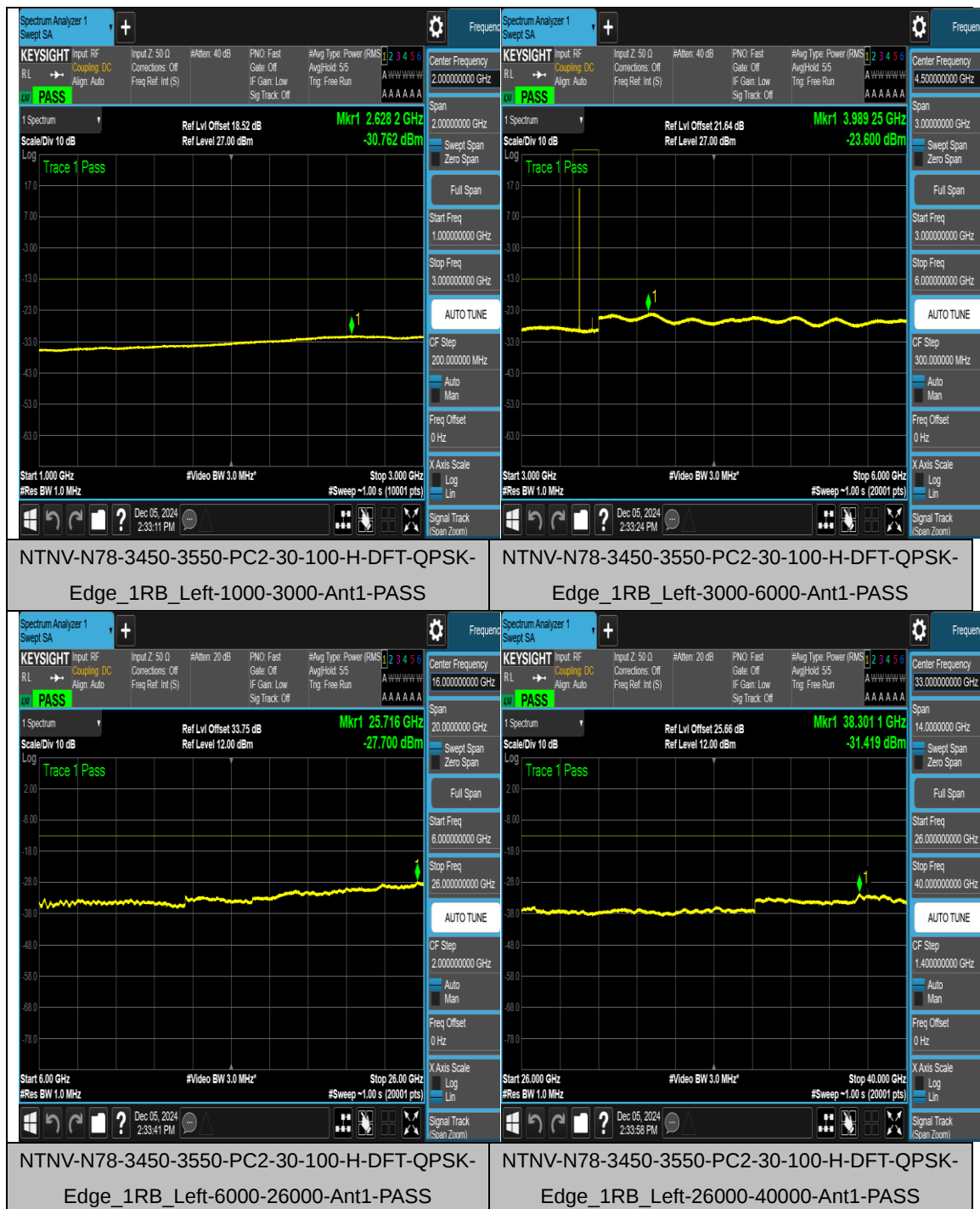




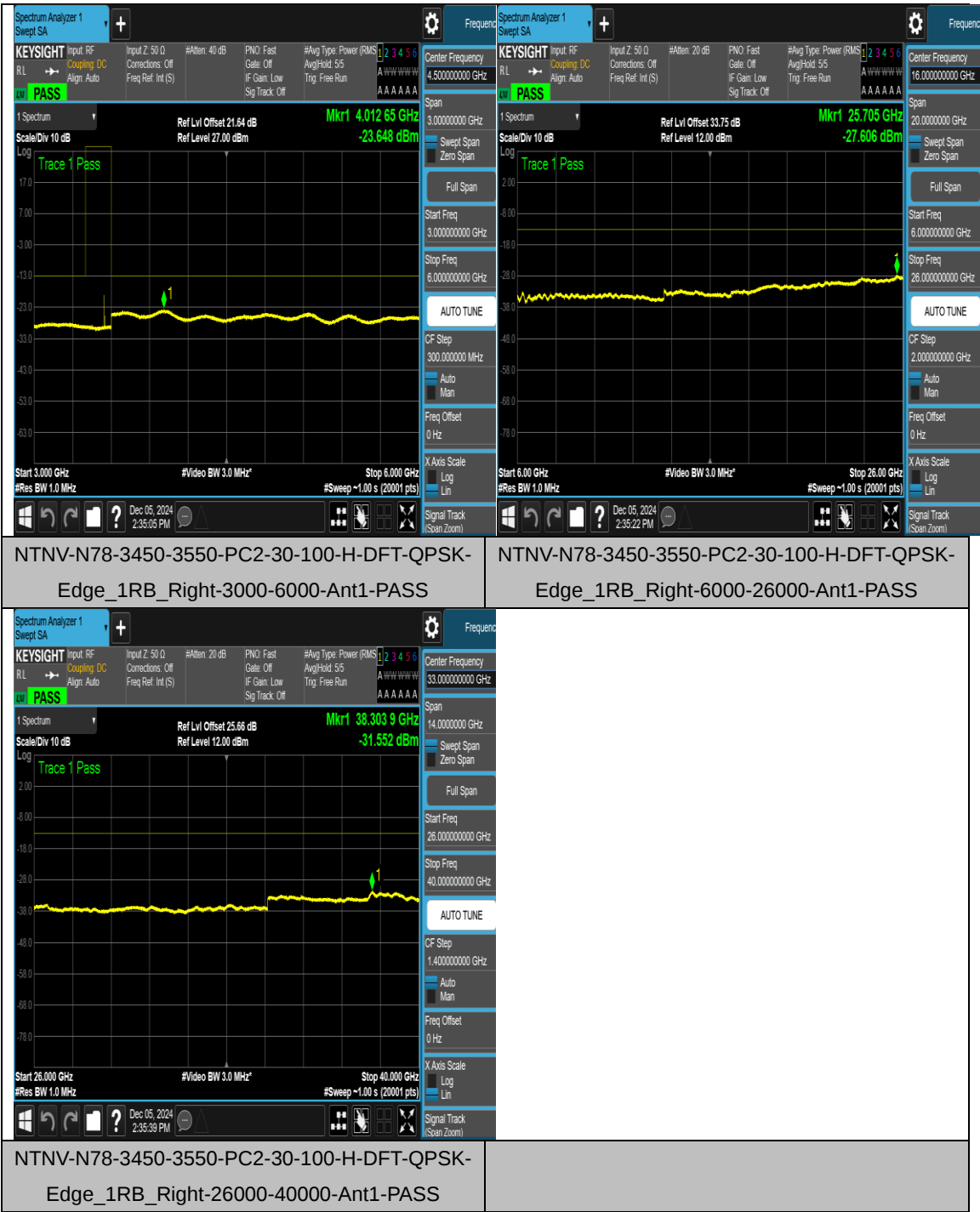












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-2.270000	-0.000656	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	0.380000	0.000110	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-1.590000	-0.000460	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-1.600000	-0.000462	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-0.500000	-0.000145	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-3.660000	-0.001058	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	0.920000	0.000263	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-1.830000	-0.000523	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	2.960000	0.000846	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VL	NT	1.250000	0.000357	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VN	NT	1.880000	0.000537	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VH	NT	2.720000	0.000777	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	2.640000	0.000746	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	2.360000	0.000667	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	5.210000	0.001472	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VL	NT	-3.800000	-0.001073	PASS
N78-345	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-1.500000	-0.000424	PASS

0-3550										
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VH	NT	0.360000	0.000102	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-6.620000	-0.001911	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VN	NT	-2.380000	-0.000687	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-9.280000	-0.002678	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	VL	NT	-13.190000	-0.003807	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	VN	NT	-5.380000	-0.001553	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	VH	NT	-3.210000	-0.000926	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-10.970000	-0.003134	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-2.600000	-0.000743	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VH	NT	2.870000	0.000820	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	VL	NT	-14.030000	-0.004009	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	VN	NT	-6.810000	-0.001946	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	VH	NT	-2.340000	-0.000669	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VL	NT	-10.220000	-0.002891	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VN	NT	-14.310000	-0.004048	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VH	NT	-4.410000	-0.001248	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	VL	NT	-10.070000	-0.002849	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	VN	NT	-11.300000	-0.003197	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	VH	NT	-9.030000	-0.002554	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	2.780000	0.000801	PASS
N78-345	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-2.820000	-0.000813	PASS

0-3550										
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-1.120000	-0.000323	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-3.650000	-0.001052	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VN	NT	2.250000	0.000648	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VH	NT	-1.200000	-0.000346	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-1.430000	-0.000409	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	2.810000	0.000803	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	0.730000	0.000209	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-7.860000	-0.002246	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VN	NT	2.140000	0.000611	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VH	NT	2.340000	0.000669	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-1.650000	-0.000467	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	0.950000	0.000269	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	2.650000	0.000751	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-4.470000	-0.001266	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-1.990000	-0.000564	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-0.380000	-0.000108	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-3.070000	-0.000883	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-2.340000	-0.000673	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-3.880000	-0.001117	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-8.740000	-0.002515	PASS
N78-345	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-4.480000	-0.001289	PASS

0-3550										
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VH	NT	1.640000	0.000472	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-4.520000	-0.001291	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	0.970000	0.000277	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	3.020000	0.000863	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VL	NT	0.780000	0.000223	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-5.400000	-0.001543	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VH	NT	2.620000	0.000749	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-3.500000	-0.000993	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-4.430000	-0.001257	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-1.930000	-0.000548	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VL	NT	0.840000	0.000238	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-2.029999	-0.000576	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-0.500000	-0.000142	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-4.010000	-0.001152	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-6.860000	-0.001971	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-5.360000	-0.001540	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-0.780000	-0.000224	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-10.340000	-0.002971	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-5.350000	-0.001537	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	1.340000	0.000383	PASS
N78-345	30	60	DFT-QPSK	M	Outer_Full	VN	NT	0.240000	0.000069	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	4.000000	0.001143	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VL	NT	1.640000	0.000469	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VN	NT	0.320000	0.000091	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-3.460000	-0.000989	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-1.560000	-0.000443	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-1.530000	-0.000435	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-2.850000	-0.000810	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VL	NT	0.180000	0.000051	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-2.350000	-0.000668	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-7.520000	-0.002136	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-2.000000	-0.000574	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-0.270000	-0.000077	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-6.060000	-0.001739	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-2.930000	-0.000841	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-5.090000	-0.001461	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VH	NT	5.840000	0.001676	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-3.770000	-0.001077	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	3.680000	0.001051	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-3.600000	-0.001029	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VL	NT	0.110000	0.000031	PASS
N78-345	30	70	DFT-16QAM	M	Outer_Full	VN	NT	4.790000	0.001369	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-3.060000	-0.000874	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-1.940000	-0.000552	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VN	NT	3.250000	0.000925	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	1.510000	0.000430	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-1.010000	-0.000287	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VN	NT	1.640000	0.000467	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VH	NT	2.800000	0.000797	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-7.660000	-0.002195	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	3.130000	0.000897	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-5.360000	-0.001536	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VL	NT	4.440000	0.001272	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-2.080000	-0.000596	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-8.530000	-0.002444	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-1.700000	-0.000486	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	4.960000	0.001417	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	3.700000	0.001057	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VL	NT	2.690000	0.000769	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-4.570000	-0.001306	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VH	NT	5.960000	0.001703	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	2.820000	0.000803	PASS
N78-345	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-2.680000	-0.000764	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-0.190000	-0.000054	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-7.760000	-0.002211	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-5.140000	-0.001464	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VH	NT	1.680000	0.000479	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-0.420000	-0.000120	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-3.010000	-0.000861	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	1.180000	0.000338	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-2.350000	-0.000672	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-2.260000	-0.000647	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-6.670000	-0.001908	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-1.990000	-0.000569	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	4.350000	0.001243	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-5.870000	-0.001677	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VL	NT	8.950000	0.002557	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-0.580000	-0.000166	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-1.550000	-0.000443	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-2.880000	-0.000822	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-0.550000	-0.000157	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	2.510000	0.000716	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-3.410000	-0.000973	PASS
N78-345	30	90	DFT-16QAM	H	Outer_Full	VN	NT	1.740000	0.000496	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-3.600000	-0.001027	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-3.540000	-0.001011	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-2.990000	-0.000854	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-1.950000	-0.000557	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-4.400000	-0.001257	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VN	NT	3.060000	0.000874	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VH	NT	0.460000	0.000131	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-1.070000	-0.000306	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-2.810000	-0.000803	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	3.970000	0.001134	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-0.550000	-0.000157	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-4.230000	-0.001209	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-0.710000	-0.000203	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	0.860000	0.000246	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-4.690000	-0.001340	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	1.620000	0.000463	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VL	NT	1.880000	0.000537	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VN	NT	0.750000	0.000214	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VH	NT	4.930000	0.001409	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-2.760000	-0.000798	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	7.170000	0.002072	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	2.750000	0.000795	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	3.230000	0.000934	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	0.080000	0.000023	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-1.560000	-0.000451	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	3.130000	0.000905	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	0.980000	0.000283	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-2.840000	-0.000821	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-30	3.370000	0.000974	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-0.840000	-0.000243	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-1.600000	-0.000462	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	0	1.630000	0.000471	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	10	0.840000	0.000243	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	20	0.640000	0.000185	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	30	0.250000	0.000072	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	40	3.050000	0.000882	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	50	-1.870000	-0.000540	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.070000	-0.000877	PASS
N78-345	30	20	DFT-QPSK	M	Outer_Full	NV	-20	5.130000	0.001466	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-0.060000	-0.000017	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-0.100000	-0.000029	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-0.450000	-0.000129	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	1.720000	0.000491	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	3.610000	0.001031	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	5.380000	0.001537	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-1.410000	-0.000403	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-30	6.450000	0.001843	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-20	0.650000	0.000186	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-0.580000	-0.000166	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	0	4.370000	0.001249	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	10	-0.340000	-0.000097	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	20	1.210000	0.000346	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	30	-6.310000	-0.001803	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	40	6.490000	0.001854	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	50	3.490000	0.000997	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	1.290000	0.000364	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	3.200000	0.000904	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	2.240000	0.000633	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	7.200000	0.002033	PASS
N78-345	30	20	DFT-QPSK	H	Outer_Full	NV	10	-3.610000	-0.001020	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	2.200000	0.000621	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	0.010000	0.000003	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	0.010000	0.000003	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	3.100000	0.000876	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-30	0.300000	0.000085	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-20	0.660000	0.000186	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-3.140000	-0.000887	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	0	2.200000	0.000621	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	10	2.390000	0.000675	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	20	-3.920000	-0.001107	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	30	2.020000	0.000571	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	40	-4.360000	-0.001232	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	50	2.740000	0.000774	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-8.660000	-0.002499	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-20	-3.240000	-0.000935	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-10	-9.120000	-0.002632	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	0	-12.450000	-0.003593	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	10	-0.120000	-0.000035	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	20	-8.830000	-0.002548	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	30	-7.720000	-0.002228	PASS
N78-345	30	30	DFT-QPSK	L	Outer_Full	NV	40	-8.770000	-0.002531	PASS

0-3550										
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	50	-0.240000	-0.000069	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	-30	-3.410000	-0.000984	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	-20	-8.760000	-0.002528	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	-10	-10.330000	-0.002981	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	0	-4.950000	-0.001429	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	10	-9.900000	-0.002857	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	20	-9.580000	-0.002765	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	30	-6.210000	-0.001792	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	40	-8.820000	-0.002545	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	50	-13.400000	-0.003867	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-8.480000	-0.002423	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-9.730000	-0.002780	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-10.630000	-0.003037	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	0	-1.990000	-0.000569	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	10	-9.570000	-0.002734	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	20	-4.570000	-0.001306	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	30	-9.350000	-0.002671	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	40	-10.890000	-0.003111	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	50	-4.350000	-0.001243	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	-30	-2.510000	-0.000717	PASS
N78-345	30	30	DFT-16QAM	M	Outer_Full	NV	-20	1.550000	0.000443	PASS

0-3550										
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	-10	-1.440000	-0.000411	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	0	-9.790000	-0.002797	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	10	-9.560000	-0.002731	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	20	-1.500000	-0.000429	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	30	-5.270000	-0.001506	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	40	-3.570000	-0.001020	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	50	-10.180000	-0.002909	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-8.090000	-0.002289	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-10.760000	-0.003044	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-10	-11.240000	-0.003180	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	0	-8.310000	-0.002351	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	10	-14.630000	-0.004139	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	20	-14.750000	-0.004173	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	30	-9.390000	-0.002656	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	40	-9.960000	-0.002818	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	50	-6.950000	-0.001965	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	-30	-5.100000	-0.001443	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	-20	-11.660000	-0.003298	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	-10	-17.790000	-0.005033	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	0	-14.790000	-0.004184	PASS
N78-345	30	30	DFT-16QAM	H	Outer_Full	NV	10	-10.410000	-0.002945	PASS

0-3550										
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	20	-10.800000	-0.003055	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	30	-13.840000	-0.003915	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	40	-5.210000	-0.001474	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	50	-12.080000	-0.003417	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-0.080000	-0.000023	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-2.009999	-0.000579	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-6.280000	-0.001810	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	2.650000	0.000764	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	0.800000	0.000231	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-2.000000	-0.000576	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	30	-1.840000	-0.000530	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	40	1.770000	0.000510	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	3.340000	0.000963	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-30	8.890000	0.002562	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-1.570000	-0.000452	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-10	3.690000	0.001063	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	0	-2.760000	-0.000795	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	10	0.170000	0.000049	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	20	0.850000	0.000245	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	30	5.760000	0.001660	PASS
N78-345	30	40	DFT-16QAM	L	Outer_Full	NV	40	0.420000	0.000121	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	50	-0.800000	-0.000231	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	3.590000	0.001026	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	3.570000	0.001020	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	1.830000	0.000523	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-7.010000	-0.002003	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-3.010000	-0.000860	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	3.600000	0.001029	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-11.930000	-0.003409	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-0.600000	-0.000171	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	2.060000	0.000589	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-0.680000	-0.000194	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-5.670000	-0.001620	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-1.650000	-0.000471	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	0	-3.270000	-0.000934	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	10	3.780000	0.001080	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	20	2.250000	0.000643	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	30	-3.660000	-0.001046	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	40	-5.570000	-0.001591	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	50	-3.700000	-0.001057	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	4.730000	0.001340	PASS
N78-345	30	40	DFT-QPSK	H	Outer_Full	NV	-20	1.630000	0.000462	PASS

0-3550										
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	2.660000	0.000754	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	1.480000	0.000419	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-0.680000	-0.000193	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	6.300000	0.001785	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-2.660000	-0.000754	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-1.860000	-0.000527	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-1.150000	-0.000326	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-2.670000	-0.000756	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-2.320000	-0.000657	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-10	0.620000	0.000176	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	0	2.900000	0.000822	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	10	1.150000	0.000326	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	20	-4.120000	-0.001167	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	30	-1.990000	-0.000564	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	40	0.330000	0.000093	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	50	0.140000	0.000040	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-1.210000	-0.000348	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-0.850000	-0.000245	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-0.520000	-0.000150	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-5.990000	-0.001724	PASS
N78-345	30	50	DFT-QPSK	L	Outer_Full	NV	10	-2.680000	-0.000771	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-4.690000	-0.001350	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-1.340000	-0.000386	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	3.830000	0.001102	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-1.920000	-0.000553	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-11.340000	-0.003263	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-0.710000	-0.000204	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-2.540000	-0.000731	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	0	-0.530000	-0.000153	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	10	2.150000	0.000619	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	20	-6.330000	-0.001822	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	30	1.450000	0.000417	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	40	4.940000	0.001422	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	50	-2.840000	-0.000817	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	0.180000	0.000051	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-0.130000	-0.000037	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	2.530000	0.000723	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-2.280000	-0.000651	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	0.130000	0.000037	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	4.040000	0.001154	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	1.230000	0.000351	PASS
N78-345	30	50	DFT-QPSK	M	Outer_Full	NV	40	-0.950000	-0.000271	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-1.270000	-0.000363	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-30	3.510000	0.001003	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-0.420000	-0.000120	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-2.130000	-0.000609	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	0	1.920000	0.000549	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	10	-0.580000	-0.000166	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	20	-0.630000	-0.000180	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	30	0.610000	0.000174	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	40	-0.740000	-0.000211	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	50	-3.330000	-0.000951	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-2.340000	-0.000664	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-3.660000	-0.001038	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-0.830000	-0.000235	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-2.810000	-0.000797	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	-8.500000	-0.002411	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-5.370000	-0.001523	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-0.910000	-0.000258	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	0.600000	0.000170	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-2.830000	-0.000803	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-1.370000	-0.000389	PASS
N78-345	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-2.770000	-0.000786	PASS

0-3550										
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-3.270000	-0.000928	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	0	-7.260000	-0.002060	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	10	-0.830000	-0.000235	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	20	1.780000	0.000505	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	30	-0.370000	-0.000105	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	40	-5.130000	-0.001455	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	50	-0.780000	-0.000221	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-3.780000	-0.001086	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-8.119999	-0.002333	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-3.350000	-0.000963	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	0	-4.790000	-0.001376	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	10	0.000000	0.000000	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	3.690000	0.001060	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-1.110000	-0.000319	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-10.800000	-0.003103	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-2.540000	-0.000730	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-4.270000	-0.001227	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-1.360000	-0.000391	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-10	5.670000	0.001629	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	0	-5.950000	-0.001710	PASS
N78-345	30	60	DFT-16QAM	L	Outer_Full	NV	10	2.120000	0.000609	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	20	-4.340000	-0.001247	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	30	-5.570000	-0.001601	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	40	-1.080000	-0.000310	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	50	7.990000	0.002296	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	0.620000	0.000177	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-0.230000	-0.000066	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	1.440000	0.000411	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-8.550000	-0.002443	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-0.810000	-0.000231	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	2.120000	0.000606	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	-3.050000	-0.000871	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	0.920000	0.000263	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	6.940000	0.001983	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-30	1.960000	0.000560	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-20	1.300000	0.000371	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-10	6.460000	0.001846	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	0	-0.470000	-0.000134	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	10	2.530000	0.000723	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	20	-4.280000	-0.001223	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	30	0.950000	0.000271	PASS
N78-345	30	60	DFT-16QAM	M	Outer_Full	NV	40	-3.590000	-0.001026	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	50	0.870000	0.000248	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-5.250000	-0.001491	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	3.550000	0.001008	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-6.980000	-0.001983	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-5.290000	-0.001503	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-3.170000	-0.000901	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	0.020000	0.000006	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	-4.720000	-0.001341	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	-2.560000	-0.000727	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	-1.500000	-0.000426	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-6.850000	-0.001946	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-3.820000	-0.001085	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-1.860000	-0.000528	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	0	-5.700000	-0.001619	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	10	-8.670000	-0.002463	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	20	-5.140000	-0.001460	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	30	-2.830000	-0.000804	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	40	-5.990000	-0.001702	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	50	-4.240000	-0.001205	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	3.600000	0.001033	PASS
N78-345	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-2.510000	-0.000720	PASS

0-3550										
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-1.180000	-0.000339	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	-3.020000	-0.000867	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-6.300000	-0.001808	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-0.880000	-0.000253	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	-2.460000	-0.000706	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	5.010000	0.001438	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-0.560000	-0.000161	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-2.270000	-0.000651	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-1.680000	-0.000482	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-1.080000	-0.000310	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	0	5.220000	0.001498	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	10	-3.740000	-0.001073	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	20	-5.910000	-0.001696	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	30	-4.720000	-0.001354	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	40	-2.260000	-0.000648	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	50	-2.940000	-0.000844	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-8.420000	-0.002406	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	0.090000	0.000026	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	9.570000	0.002734	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-1.450000	-0.000414	PASS
N78-345	30	70	DFT-QPSK	M	Outer_Full	NV	10	-0.030000	-0.000009	PASS

0-3550										
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-3.630000	-0.001037	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-0.120000	-0.000034	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	1.780000	0.000509	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-5.030000	-0.001437	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-2.250000	-0.000643	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-1.090000	-0.000311	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-10	2.830000	0.000809	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	0	-3.140000	-0.000897	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	10	-10.530000	-0.003009	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	20	2.049999	0.000586	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	30	-3.830000	-0.001094	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	40	1.780000	0.000509	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	50	-1.210000	-0.000346	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-2.370000	-0.000674	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-3.050000	-0.000868	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-0.310000	-0.000088	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-2.630000	-0.000748	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-1.090000	-0.000310	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	0.920000	0.000262	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-4.019999	-0.001144	PASS
N78-345	30	70	DFT-QPSK	H	Outer_Full	NV	40	1.360000	0.000387	PASS

0-3550										
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	2.660000	0.000757	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-30	1.440000	0.000410	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-2.820000	-0.000802	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-0.590000	-0.000168	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	0	-2.780000	-0.000791	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	10	1.640000	0.000467	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	20	-7.110000	-0.002023	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	30	-2.510000	-0.000714	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	40	-0.320000	-0.000091	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	50	-5.850000	-0.001664	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-2.270000	-0.000650	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-2.420000	-0.000693	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-3.860000	-0.001106	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	2.880000	0.000825	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-9.470000	-0.002713	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	2.830000	0.000811	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-3.250000	-0.000931	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	-0.310000	-0.000089	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-3.300000	-0.000946	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-10.130000	-0.002903	PASS
N78-345	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-3.090000	-0.000885	PASS

0-3550										
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-5.180000	-0.001484	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	0	0.860000	0.000246	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	10	-1.240000	-0.000355	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	20	-1.650000	-0.000473	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	30	-7.160000	-0.002052	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	40	-5.360000	-0.001536	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	50	5.220000	0.001496	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-5.480000	-0.001566	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	0.400000	0.000114	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	8.130000	0.002323	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	2.360000	0.000674	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	-1.360000	-0.000389	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-0.160000	-0.000046	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-4.460000	-0.001274	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-3.980000	-0.001137	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-5.340000	-0.001526	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-30	1.260000	0.000360	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-2.200000	-0.000629	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-10	3.120000	0.000891	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	0	-3.340000	-0.000954	PASS
N78-345	30	80	DFT-16QAM	M	Outer_Full	NV	10	1.050000	0.000300	PASS

0-3550										
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	20	-2.080000	-0.000594	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	30	1.560000	0.000446	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	40	-5.960000	-0.001703	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	50	0.250000	0.000071	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-3.160000	-0.000900	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-0.790000	-0.000225	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-4.070000	-0.001160	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	0	-3.540000	-0.001008	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	1.320000	0.000376	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	0.720000	0.000205	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	30	-3.520000	-0.001003	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	40	1.890000	0.000538	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	0.940000	0.000268	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-30	1.370000	0.000390	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-20	0.920000	0.000262	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-10	2.940000	0.000838	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	0	-1.730000	-0.000492	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	10	2.890000	0.000823	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	20	2.540000	0.000724	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	30	-5.760000	-0.001641	PASS
N78-345	30	80	DFT-16QAM	H	Outer_Full	NV	40	-1.800000	-0.000513	PASS

0-3550										
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	50	0.840000	0.000239	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-1.360000	-0.000389	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	1.320000	0.000378	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-2.790000	-0.000798	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	0.290000	0.000083	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-3.850000	-0.001102	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	-3.760000	-0.001076	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-6.380000	-0.001825	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	4.660000	0.001333	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-0.590000	-0.000169	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-6.640000	-0.001900	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-20	0.680000	0.000195	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-2.790000	-0.000798	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	0	-1.220000	-0.000349	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	10	5.040000	0.001442	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	20	3.050000	0.000873	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	30	-1.740000	-0.000497	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	40	-2.190000	-0.000627	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	50	-4.400000	-0.001259	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-0.850000	-0.000243	PASS
N78-345	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-4.790000	-0.001369	PASS

0-3550										
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-6.500000	-0.001857	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-3.710000	-0.001060	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	2.680000	0.000766	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	3.010000	0.000860	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-1.770000	-0.000506	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	0.340000	0.000097	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-3.830000	-0.001094	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-30	1.840000	0.000526	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-1.650000	-0.000471	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-6.880000	-0.001965	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	0	-2.790000	-0.000797	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	10	1.510000	0.000431	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	20	-3.420000	-0.000977	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	30	-0.330000	-0.000094	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	40	3.510000	0.001003	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	50	8.020000	0.002291	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	3.340000	0.000953	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-0.640000	-0.000183	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-5.290000	-0.001509	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	2.380000	0.000679	PASS
N78-345	30	90	DFT-QPSK	H	Outer_Full	NV	10	4.500000	0.001284	PASS

0-3550										
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-3.420000	-0.000976	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	0.910000	0.000260	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-0.180000	-0.000051	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-1.700000	-0.000485	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-4.040000	-0.001153	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-8.810000	-0.002514	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-6.130000	-0.001749	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	0	-6.570000	-0.001874	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	10	-2.530000	-0.000722	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	20	-1.780000	-0.000508	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	30	-3.970000	-0.001133	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	40	-1.890000	-0.000539	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	50	-2.250000	-0.000642	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-30	-1.010000	-0.000289	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-3.750000	-0.001071	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-10	1.690000	0.000483	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	0	1.060000	0.000303	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	10	-3.360000	-0.000960	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	20	-0.030000	-0.000009	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	30	-5.320000	-0.001520	PASS
N78-345	30	100	DFT-QPSK	L	Outer_Full	NV	40	1.390000	0.000397	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	50	-6.640000	-0.001897	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-30	9.880000	0.002823	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-20	-4.410000	-0.001260	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-3.190000	-0.000911	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	0	0.530000	0.000151	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	10	-4.090000	-0.001169	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	20	-8.410000	-0.002403	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	30	-0.610000	-0.000174	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	40	-1.370000	-0.000391	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	50	-4.490000	-0.001283	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	1.600000	0.000457	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	1.000000	0.000286	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-4.260000	-0.001217	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-5.780000	-0.001651	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-4.550000	-0.001300	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	1.280000	0.000366	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-3.710000	-0.001060	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-3.160000	-0.000903	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	2.890000	0.000826	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	3.090000	0.000883	PASS
N78-345	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-1.330000	-0.000380	PASS

0-3550										
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	0.540000	0.000154	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	-3.790000	-0.001083	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	-7.700000	-0.002200	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	-1.280000	-0.000366	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	-2.160000	-0.000617	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	1.390000	0.000397	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	-0.230000	-0.000066	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-1.540000	-0.000440	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-5.260000	-0.001503	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-2.600000	-0.000743	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	0	0.850000	0.000243	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	10	-9.380000	-0.002680	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	20	0.030000	0.000009	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	30	-0.890000	-0.000254	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	40	-0.760000	-0.000217	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	50	-1.720000	-0.000491	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-5.080000	-0.001451	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-20	2.580000	0.000737	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-3.210000	-0.000917	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	0	-3.530000	-0.001008	PASS
N78-345	30	100	DFT-16QAM	H	Outer_Full	NV	10	-4.700000	-0.001343	PASS

0-3550										
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	20	0.330000	0.000094	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	30	3.250000	0.000929	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	40	-2.320000	-0.000663	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	50	-2.330000	-0.000666	PASS