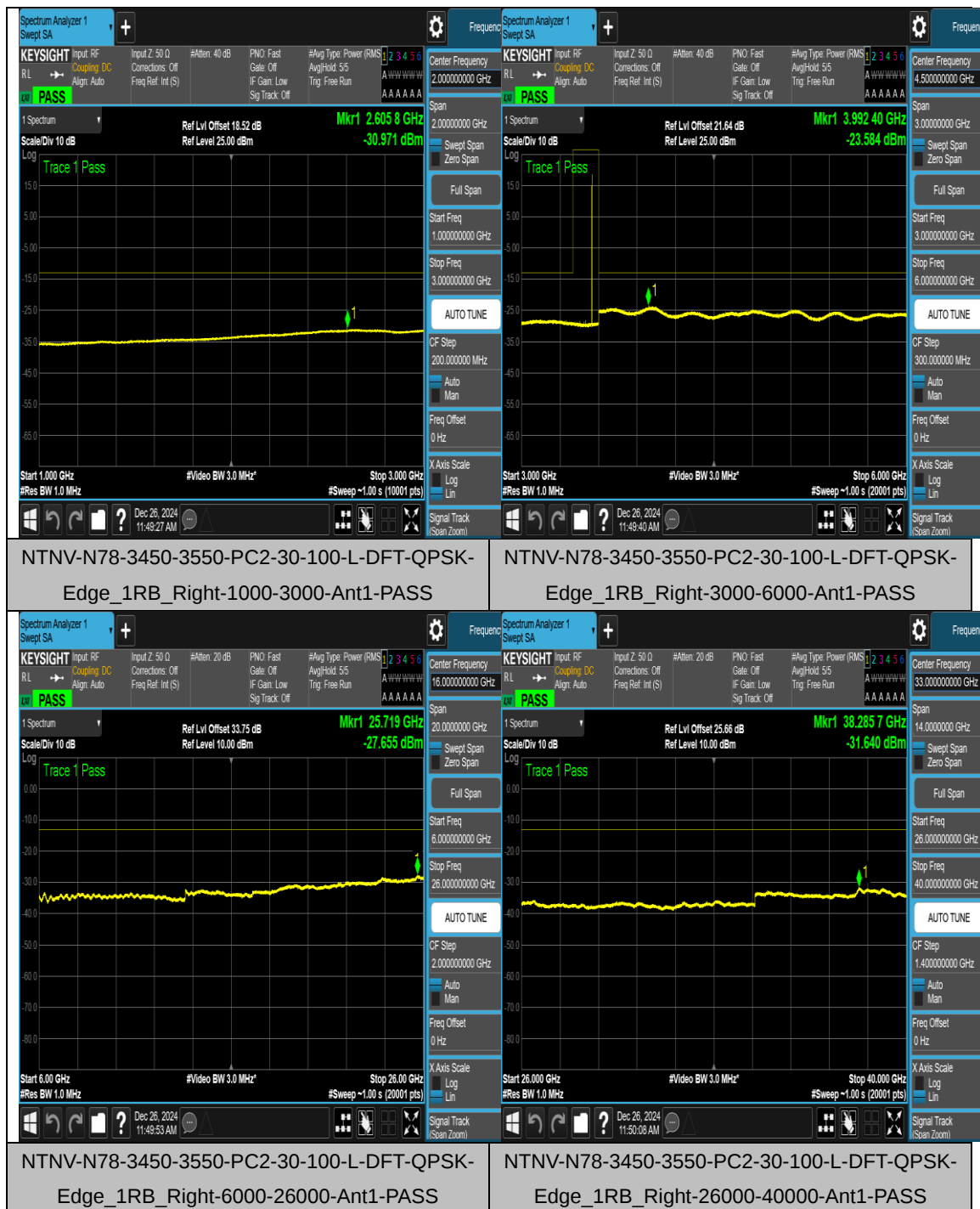
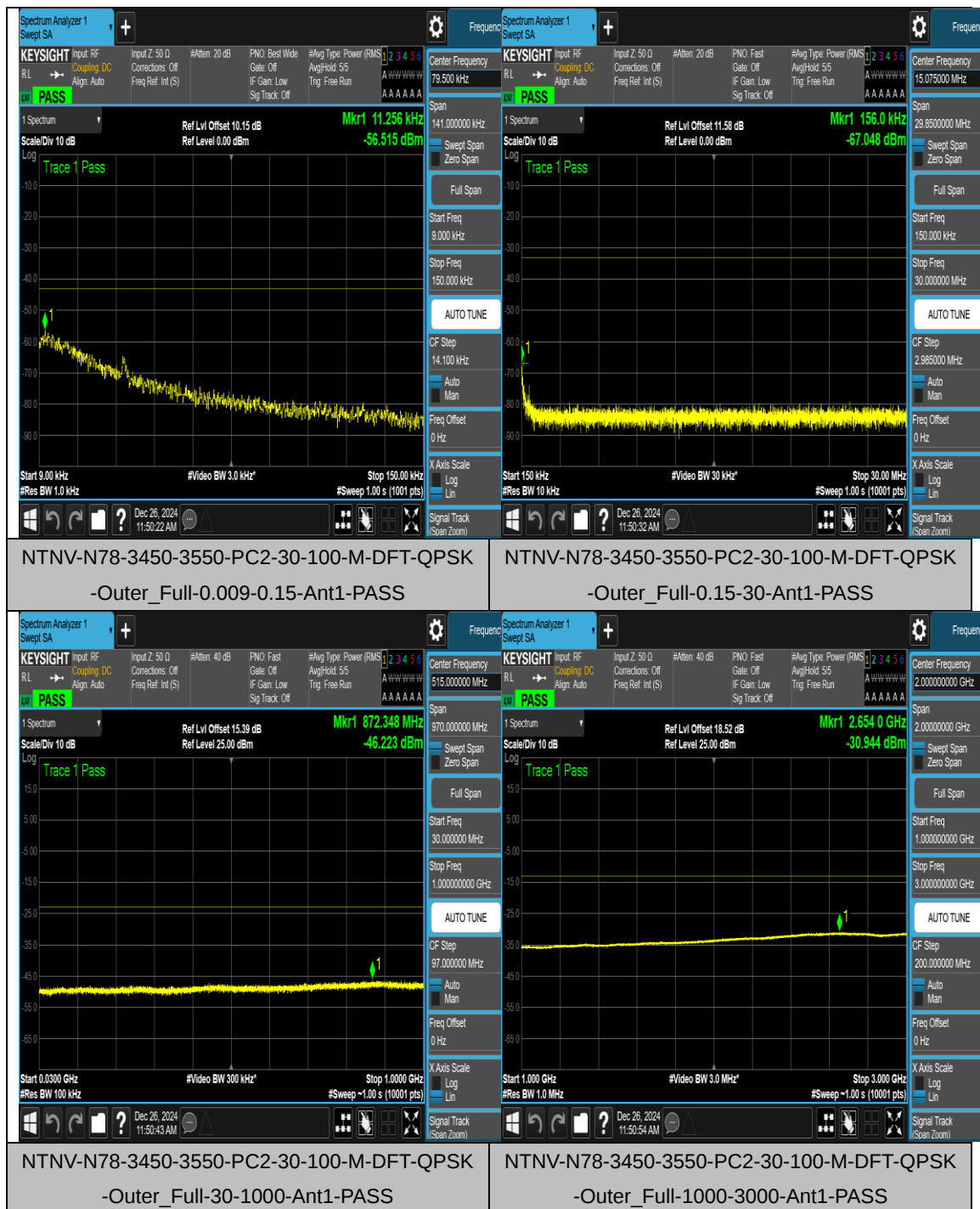








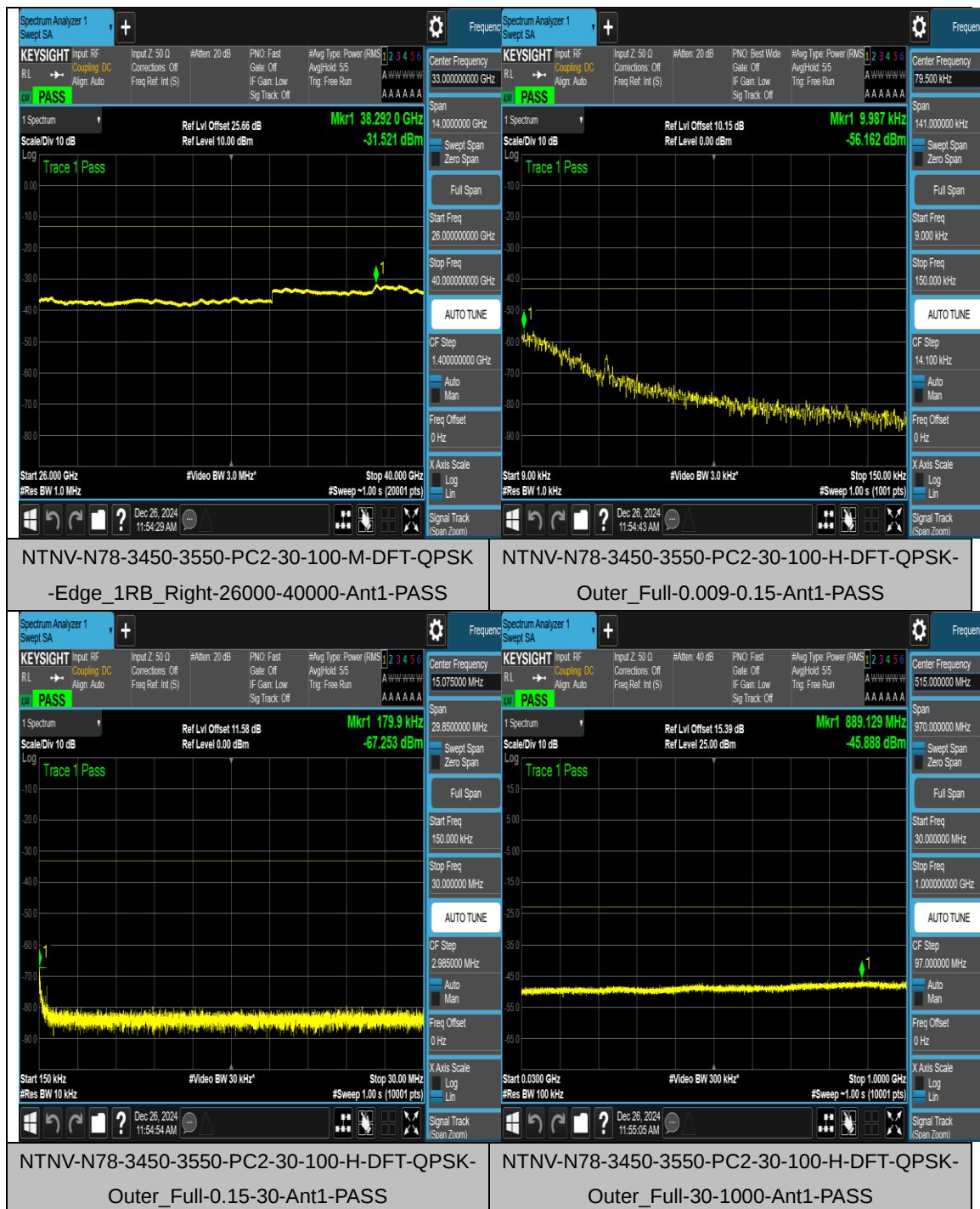


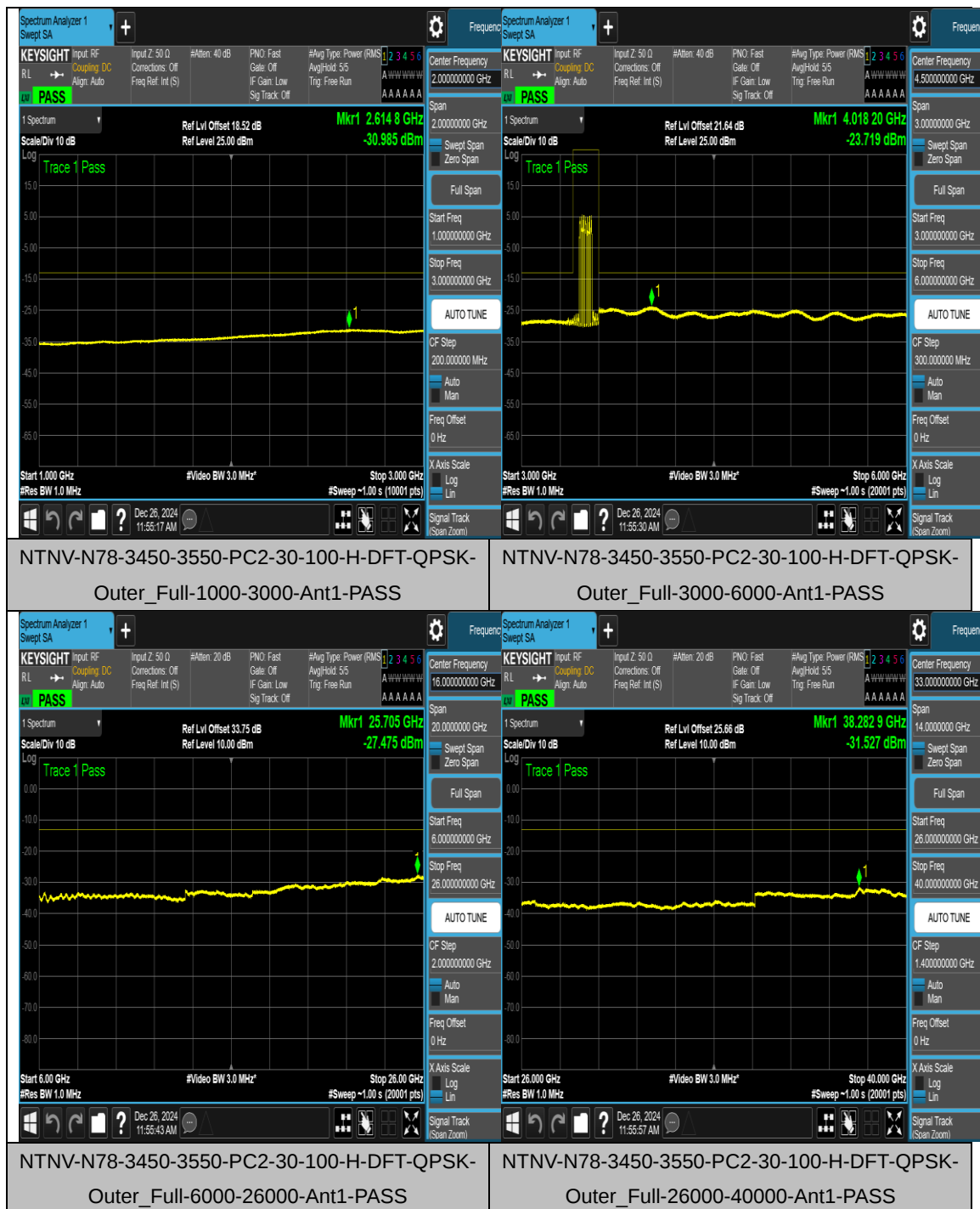


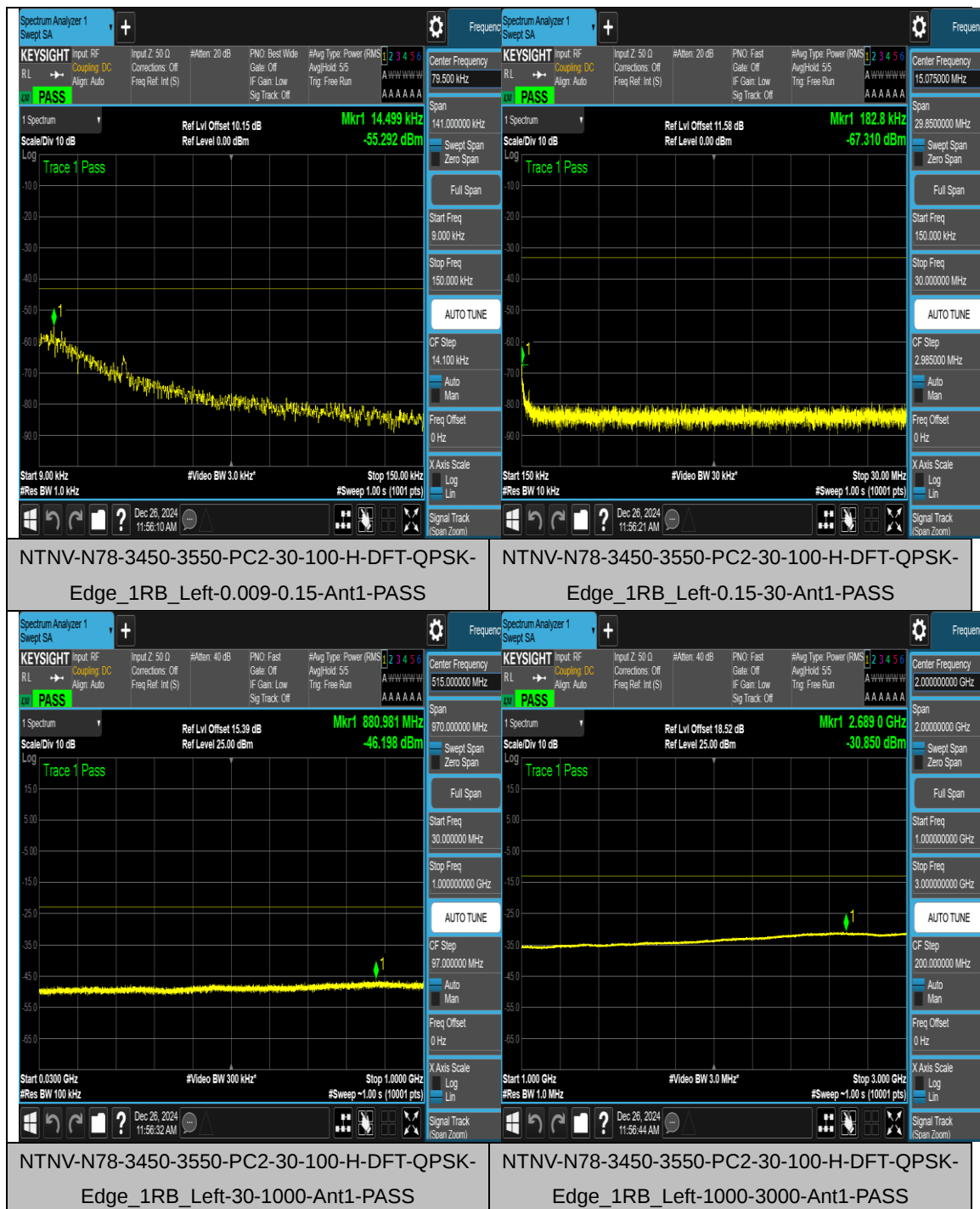


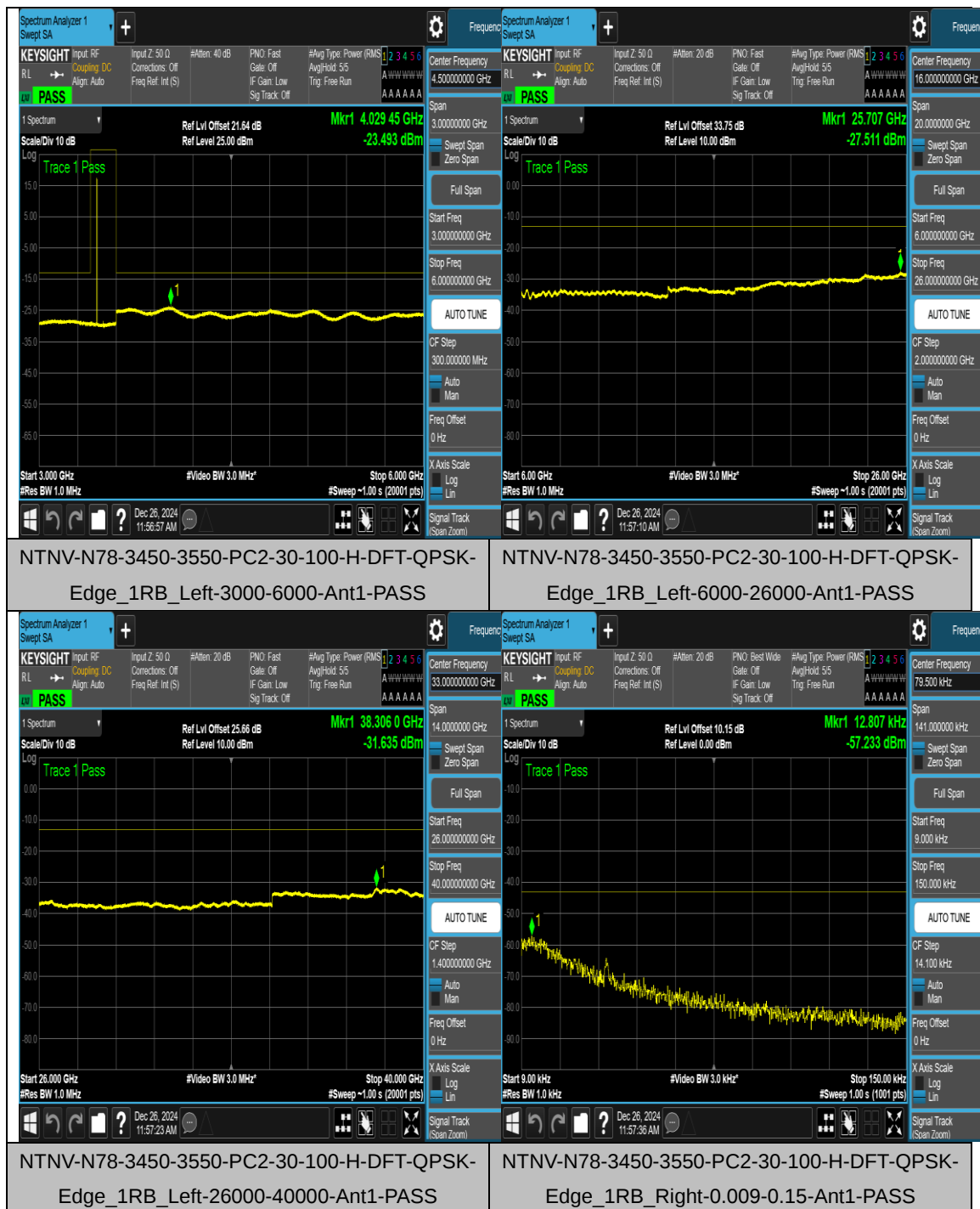


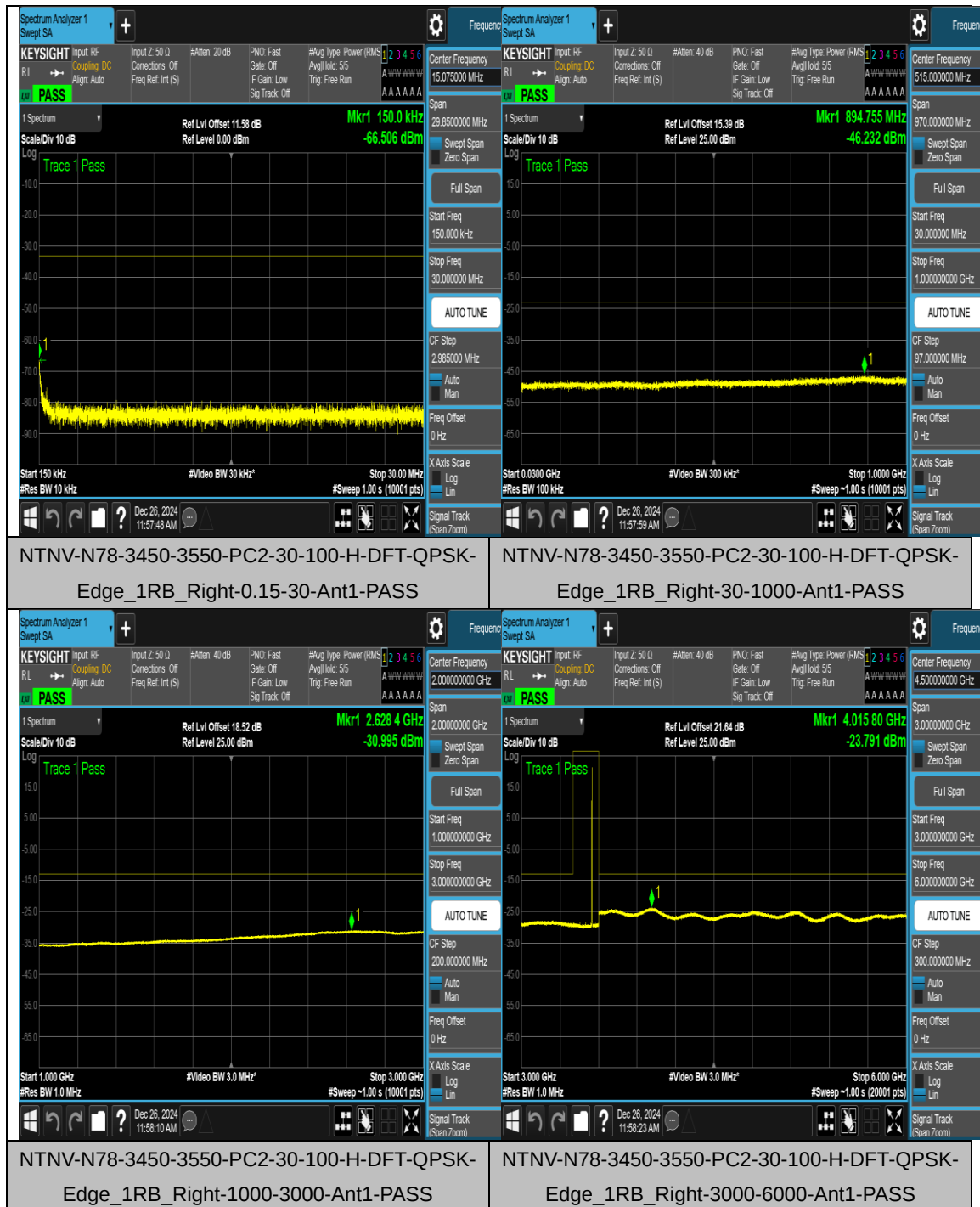


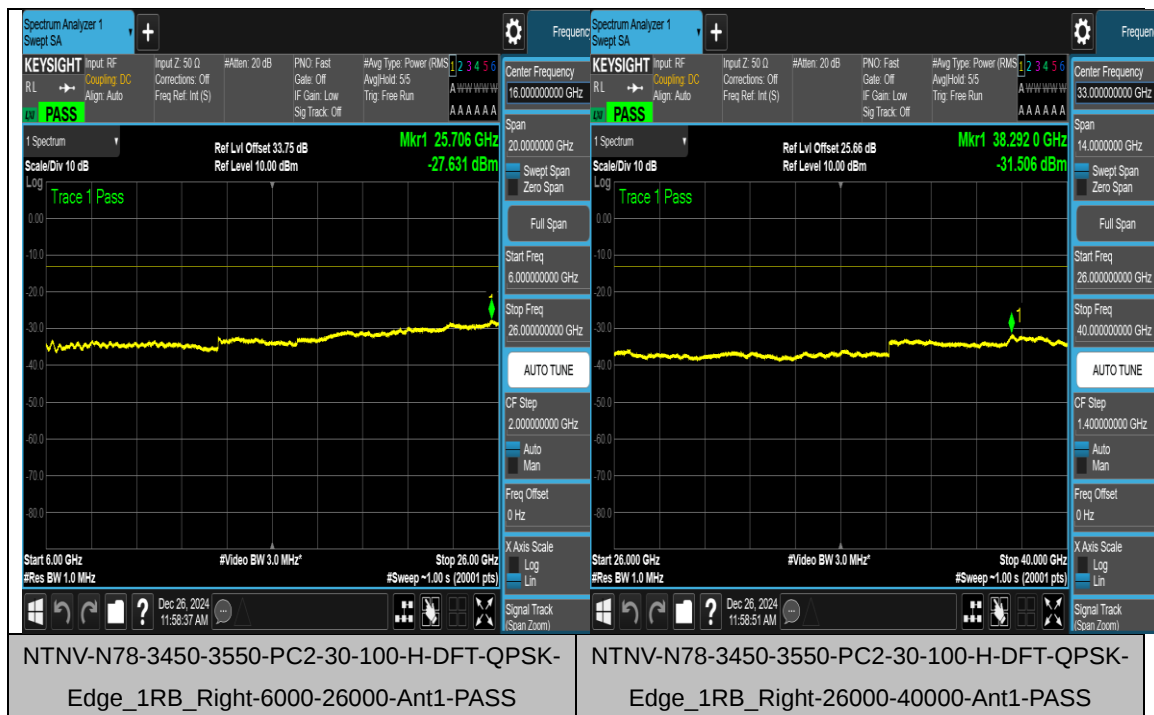












Appendix F: Frequency Stability for SA

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	10	DFT-QPSK	L	Outer_Full	VL	NT	-8.860000	-0.002564	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-15.000000	-0.004342	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-10.500000	-0.003039	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VL	NT	-15.200000	-0.004399	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VN	NT	-5.480000	-0.001586	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VH	NT	-13.310000	-0.003852	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-10.150000	-0.002900	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-10.300000	-0.002943	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-9.970000	-0.002849	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VL	NT	-11.720000	-0.003349	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VN	NT	-6.420000	-0.001834	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VH	NT	-10.910000	-0.003117	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-7.960000	-0.002245	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VN	NT	-6.630000	-0.001870	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VH	NT	-3.000000	-0.000846	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VL	NT	-13.090000	-0.003693	PASS
N78-345	30	10	DFT-16QAM	H	Outer_Full	VN	NT	-16.010000	-0.004516	PASS

0-3550										
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VH	NT	-14.960000	-0.004220	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-15.540000	-0.004495	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VN	NT	-13.820000	-0.003996	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-13.350000	-0.003861	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VL	NT	-7.530000	-0.002178	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VN	NT	-5.980000	-0.001730	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VH	NT	-13.360000	-0.003864	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-13.210000	-0.003774	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-7.600000	-0.002171	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-10.290000	-0.002940	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VL	NT	-8.480000	-0.002423	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VN	NT	-11.590000	-0.003311	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VH	NT	-12.730000	-0.003637	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VL	NT	-8.680000	-0.002450	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VN	NT	-7.290000	-0.002058	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-8.920000	-0.002518	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VL	NT	-11.580000	-0.003269	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VN	NT	-10.410000	-0.002939	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VH	NT	-6.800000	-0.001920	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-11.880000	-0.003434	PASS
N78-345	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-8.000000	-0.002312	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-8.160000	-0.002358	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-9.710000	-0.002806	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-13.210000	-0.003818	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-9.240000	-0.002671	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-9.180000	-0.002623	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-13.270000	-0.003791	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-10.670000	-0.003049	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-11.440000	-0.003269	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-11.390000	-0.003254	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-9.250000	-0.002643	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-11.780000	-0.003328	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-7.670000	-0.002167	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-7.670000	-0.002167	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VL	NT	-12.500000	-0.003531	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-7.910000	-0.002234	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VH	NT	-12.950000	-0.003658	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-7.960000	-0.002294	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-8.279999	-0.002386	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-7.410000	-0.002135	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-6.680000	-0.001925	PASS
N78-345	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-10.670000	-0.003075	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VH	NT	-9.710000	-0.002798	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-6.890000	-0.001968	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-7.430000	-0.002123	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-10.740000	-0.003069	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-11.640000	-0.003326	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-12.260000	-0.003503	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-13.730000	-0.003923	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-5.460000	-0.001547	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-9.260000	-0.002623	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-9.400000	-0.002663	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-7.930000	-0.002246	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-12.250000	-0.003470	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-11.190000	-0.003170	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-11.210000	-0.003226	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-14.240000	-0.004098	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-12.190000	-0.003508	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-8.690000	-0.002501	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-10.420000	-0.002999	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VH	NT	-9.530000	-0.002742	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-14.300000	-0.004086	PASS
N78-345	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-13.530000	-0.003866	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-9.430000	-0.002694	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-9.680000	-0.002766	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-10.010000	-0.002860	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-8.039999	-0.002297	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-6.120000	-0.001736	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-5.000000	-0.001418	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-10.050000	-0.002851	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-6.340000	-0.001799	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-12.820000	-0.003637	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-15.910000	-0.004513	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-6.130000	-0.001761	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-9.980000	-0.002868	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-12.000000	-0.003448	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-4.590000	-0.001319	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-10.720000	-0.003080	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-12.440000	-0.003575	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-12.850000	-0.003671	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-10.740000	-0.003069	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-10.120000	-0.002891	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-10.220000	-0.002920	PASS
N78-345	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-13.720000	-0.003920	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-10.030000	-0.002866	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-10.790000	-0.003065	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-8.199999	-0.002330	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-10.540000	-0.002994	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-11.320000	-0.003216	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-10.510000	-0.002986	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-10.600000	-0.003011	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-10.070000	-0.002890	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-10.180000	-0.002921	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-12.280000	-0.003524	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-11.330000	-0.003251	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-8.480000	-0.002433	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-12.790000	-0.003670	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-13.220000	-0.003777	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-11.080000	-0.003166	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-9.680000	-0.002766	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-9.640000	-0.002754	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-12.020000	-0.003434	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-15.720000	-0.004491	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-10.710000	-0.003047	PASS
N78-345	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-14.200000	-0.004040	PASS

0-3550										
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-9.960000	-0.002834	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-10.560000	-0.003004	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-12.410000	-0.003531	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-9.020000	-0.002566	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-7.870000	-0.002255	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-12.880000	-0.003691	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-8.310000	-0.002381	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-10.570000	-0.003029	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-14.040000	-0.004022	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-5.830000	-0.001670	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-11.580000	-0.003309	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-11.670000	-0.003334	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-10.300000	-0.002943	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-13.080000	-0.003737	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-6.050000	-0.001729	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-16.190000	-0.004626	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-7.200000	-0.002051	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-7.280000	-0.002074	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-5.650000	-0.001610	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-8.170000	-0.002328	PASS
N78-345	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-5.700000	-0.001624	PASS

0-3550										
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-11.690000	-0.003330	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-8.520000	-0.002438	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-11.840000	-0.003388	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-2.870000	-0.000821	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-12.130000	-0.003471	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-12.070000	-0.003454	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-11.960000	-0.003422	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-15.820000	-0.004520	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-7.130000	-0.002037	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-5.300000	-0.001514	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-6.030000	-0.001723	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-10.400000	-0.002971	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-10.230000	-0.002923	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-11.800000	-0.003367	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-9.270000	-0.002645	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-8.080000	-0.002305	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-7.900000	-0.002254	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-11.360000	-0.003241	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-13.200000	-0.003766	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-10.480000	-0.002994	PASS
N78-345	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-7.490000	-0.002140	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-10.000000	-0.002857	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-6.720000	-0.001920	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-10.560000	-0.003017	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-13.440000	-0.003840	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-10.190000	-0.002911	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-8.540000	-0.002440	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-7.010000	-0.002003	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-12.550000	-0.003586	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-10.280000	-0.002937	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-8.790000	-0.002511	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-8.189999	-0.002340	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-11.790000	-0.003369	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-12.570000	-0.003591	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-11.630000	-0.003323	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-7.350000	-0.002100	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-11.490000	-0.003283	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	10	DFT-QPSK	L	Outer_Full	NV	-30	-6.410000	-0.001855	PASS
N78-345	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-11.960000	-0.003462	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-9.570000	-0.002770	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	0	-0.510000	-0.000148	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	10	-3.940000	-0.001140	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	20	-4.950000	-0.001433	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	30	-9.800000	-0.002836	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	40	-14.510000	-0.004200	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	50	-12.560000	-0.003635	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-30	-13.630000	-0.003944	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-20	-8.180000	-0.002368	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-10	-12.990000	-0.003760	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	0	-12.990000	-0.003760	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	10	-10.650000	-0.003082	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	20	-14.120000	-0.004087	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	30	-6.940000	-0.002009	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	40	-11.530000	-0.003337	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	50	-3.340000	-0.000967	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-11.350000	-0.003243	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-12.750000	-0.003643	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-7.830000	-0.002237	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	-7.120000	-0.002033	PASS
N78-345	30	10	DFT-QPSK	M	Outer_Full	NV	10	-5.620000	-0.001606	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-13.240000	-0.003783	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-10.280000	-0.002937	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-11.970000	-0.003420	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	-9.600000	-0.002743	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-30	-14.570000	-0.004163	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-20	-11.120000	-0.003177	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-10	-11.510000	-0.003289	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	0	-11.850000	-0.003386	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	10	-10.020000	-0.002863	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	20	-7.930000	-0.002266	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	30	-6.040000	-0.001726	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	40	-10.710000	-0.003060	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	50	-9.870000	-0.002820	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-9.810000	-0.002767	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-3.330000	-0.000939	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-11.350000	-0.003202	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	0	-7.520000	-0.002121	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	10	-11.360000	-0.003205	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	20	-9.330000	-0.002632	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	30	-7.030000	-0.001983	PASS
N78-345	30	10	DFT-QPSK	H	Outer_Full	NV	40	-9.820000	-0.002770	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	50	-9.470000	-0.002671	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-30	-9.790000	-0.002762	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-20	-13.820000	-0.003898	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-10	-7.940000	-0.002240	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	0	-13.870000	-0.003913	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	10	-5.340000	-0.001506	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	20	-8.640000	-0.002437	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	30	-0.320000	-0.000090	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	40	-5.700000	-0.001608	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	50	-9.460000	-0.002669	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-30	-7.690000	-0.002224	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-12.910000	-0.003734	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-15.070000	-0.004359	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	0	-5.090000	-0.001472	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	10	-10.070000	-0.002913	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	20	-8.690000	-0.002513	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	30	-9.320000	-0.002696	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	40	-15.170000	-0.004388	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	50	-8.450000	-0.002444	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-30	-8.900000	-0.002574	PASS
N78-345	30	15	DFT-16QAM	L	Outer_Full	NV	-20	-11.340000	-0.003280	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-10	-12.670000	-0.003664	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	0	-6.000000	-0.001735	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	10	-15.040000	-0.004350	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	20	-12.720000	-0.003679	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	30	-13.030000	-0.003769	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	40	-11.040000	-0.003193	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	50	-13.070000	-0.003780	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-13.190000	-0.003769	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-10.720000	-0.003063	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-10.380000	-0.002966	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	-11.140000	-0.003183	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-11.180000	-0.003194	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-12.540000	-0.003583	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-12.890000	-0.003683	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-12.220000	-0.003491	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-10.490000	-0.002997	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-30	-11.860000	-0.003389	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-20	-13.280000	-0.003794	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-10	-8.550000	-0.002443	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	0	-5.150000	-0.001471	PASS
N78-345	30	15	DFT-16QAM	M	Outer_Full	NV	10	-12.330000	-0.003523	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	20	-8.710000	-0.002489	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	30	-11.740000	-0.003354	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	40	-7.370000	-0.002106	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	50	-11.870000	-0.003391	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-12.470000	-0.003520	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-20	-10.020000	-0.002829	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-8.189999	-0.002312	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	0	-14.940000	-0.004217	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	10	-12.500000	-0.003529	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	20	-13.180000	-0.003721	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	30	-9.020000	-0.002546	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	40	-7.480000	-0.002112	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	50	-8.210000	-0.002318	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-30	-5.400000	-0.001524	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-20	-7.240000	-0.002043	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-10	-15.020000	-0.004240	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	0	-18.320000	-0.005172	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	10	-9.910000	-0.002797	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	20	-6.990000	-0.001973	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	30	-10.540000	-0.002975	PASS
N78-345	30	15	DFT-16QAM	H	Outer_Full	NV	40	-9.520000	-0.002687	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	50	-12.450000	-0.003514	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-10.460000	-0.003023	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-10.890000	-0.003147	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-11.370000	-0.003286	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-10.190000	-0.002945	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-7.970000	-0.002303	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-10.520000	-0.003040	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-13.930000	-0.004026	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-8.000000	-0.002312	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-4.800000	-0.001387	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-10.550000	-0.003049	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-7.670000	-0.002217	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-6.260000	-0.001809	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	0	-9.370000	-0.002708	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	10	-6.760000	-0.001954	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	20	-12.000000	-0.003468	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	30	-8.600000	-0.002486	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	40	-11.880000	-0.003434	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	50	-7.100000	-0.002052	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-5.980000	-0.001709	PASS
N78-345	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-8.980000	-0.002566	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-9.710000	-0.002774	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-15.200000	-0.004343	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-10.500000	-0.003000	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-11.100000	-0.003171	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-14.450000	-0.004129	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-9.410000	-0.002689	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-5.250000	-0.001500	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-8.670000	-0.002477	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-13.040000	-0.003726	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-10.080000	-0.002880	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	0	-6.910000	-0.001974	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	10	-7.560000	-0.002160	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	20	-10.240000	-0.002926	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	30	-13.850000	-0.003956	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	40	-15.310000	-0.004374	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	50	-12.860000	-0.003674	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-8.340000	-0.002356	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-7.870000	-0.002223	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-13.590000	-0.003839	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	-8.250000	-0.002331	PASS
N78-345	30	20	DFT-QPSK	H	Outer_Full	NV	10	-11.060000	-0.003124	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	-8.050000	-0.002274	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-6.700000	-0.001893	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	-10.710000	-0.003025	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-9.980000	-0.002819	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-10.820000	-0.003056	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-2.790000	-0.000788	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-10.820000	-0.003056	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	0	-13.250000	-0.003743	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	10	-13.700000	-0.003870	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	20	-8.359999	-0.002362	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	30	-12.350000	-0.003489	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	40	-8.810000	-0.002489	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	50	-11.890000	-0.003359	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-10.380000	-0.002991	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-7.350000	-0.002118	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-8.430000	-0.002429	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	-12.270000	-0.003536	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	-1.780000	-0.000513	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-11.870000	-0.003421	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	30	-8.369999	-0.002412	PASS
N78-345	30	40	DFT-QPSK	L	Outer_Full	NV	40	-17.320000	-0.004991	PASS

0-3550										
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	-10.350000	-0.002983	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-12.840000	-0.003700	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-6.820000	-0.001965	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-10	-9.600000	-0.002767	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	0	-12.240000	-0.003527	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	10	-11.120000	-0.003205	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	20	-10.820000	-0.003118	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	30	-8.780000	-0.002530	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	40	-8.220000	-0.002369	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	50	-12.930000	-0.003726	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-6.000000	-0.001714	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-11.960000	-0.003417	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-15.020000	-0.004291	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-8.680000	-0.002480	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-10.630000	-0.003037	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	-13.100000	-0.003743	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-9.580000	-0.002737	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-6.770000	-0.001934	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-5.360000	-0.001531	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-8.250000	-0.002357	PASS
N78-345	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-12.200000	-0.003486	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-9.190000	-0.002626	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	0	-8.320000	-0.002377	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	10	-14.800000	-0.004229	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	20	-9.790000	-0.002797	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	30	-11.600000	-0.003314	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	40	-10.710000	-0.003060	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	50	-7.870000	-0.002249	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-11.990000	-0.003397	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-6.640000	-0.001881	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-9.560000	-0.002708	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	-11.190000	-0.003170	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-10.730000	-0.003040	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	-8.189999	-0.002320	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-8.750000	-0.002479	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-11.690000	-0.003312	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-9.000000	-0.002550	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-6.560000	-0.001858	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-6.940000	-0.001965	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-10	-7.720000	-0.002187	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	0	-11.710000	-0.003317	PASS
N78-345	30	40	DFT-16QAM	H	Outer_Full	NV	10	-8.130000	-0.002303	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	20	-8.920000	-0.002527	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	30	-10.840000	-0.003071	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	40	-10.550000	-0.002989	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	50	-9.240000	-0.002618	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-8.400000	-0.002417	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-9.170000	-0.002639	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-9.550000	-0.002748	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-7.580000	-0.002181	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	10	-10.600000	-0.003050	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-7.580000	-0.002181	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-9.810000	-0.002823	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	-6.710000	-0.001931	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-8.060000	-0.002319	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-12.030000	-0.003462	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-13.210000	-0.003801	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-9.120000	-0.002624	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	0	-7.060000	-0.002032	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	10	-14.510000	-0.004176	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	20	-8.600000	-0.002475	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	30	-11.030000	-0.003174	PASS
N78-345	30	50	DFT-16QAM	L	Outer_Full	NV	40	-2.380000	-0.000685	PASS

0-3550										
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	50	-9.630000	-0.002771	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-10.580000	-0.003023	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-5.970000	-0.001706	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-15.710000	-0.004489	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-9.790000	-0.002797	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-5.470000	-0.001563	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	-8.000000	-0.002286	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-6.130000	-0.001751	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-8.150000	-0.002329	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-9.930000	-0.002837	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-8.480000	-0.002423	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-16.820000	-0.004806	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-15.040000	-0.004297	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	0	-14.320000	-0.004091	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	10	-13.770000	-0.003934	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	20	-9.650000	-0.002757	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	30	-11.950000	-0.003414	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	40	-10.180000	-0.002909	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	50	-16.340000	-0.004669	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-9.680000	-0.002746	PASS
N78-345	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-11.770000	-0.003339	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-9.540000	-0.002706	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-14.180000	-0.004022	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	-8.380000	-0.002377	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-14.510000	-0.004116	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-13.000000	-0.003688	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	-6.090000	-0.001728	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-8.540000	-0.002423	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-10.530000	-0.002987	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-10.580000	-0.003001	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-9.940000	-0.002820	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	0	-6.170000	-0.001750	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	10	-6.420000	-0.001821	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	20	-11.700000	-0.003319	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	30	-13.160000	-0.003733	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	40	-12.320000	-0.003495	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	50	-14.160000	-0.004016	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-7.950000	-0.002284	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-9.130000	-0.002624	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-12.310000	-0.003537	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	0	-9.490000	-0.002727	PASS
N78-345	30	60	DFT-QPSK	L	Outer_Full	NV	10	-4.350000	-0.001250	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	-9.420000	-0.002707	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-3.860000	-0.001109	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-10.430000	-0.002997	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-11.790000	-0.003388	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-11.400000	-0.003276	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-10.980000	-0.003155	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-13.270000	-0.003813	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	0	-11.150000	-0.003204	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	10	-13.390000	-0.003848	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	20	-11.020000	-0.003167	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	30	-11.020000	-0.003167	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	40	-6.770000	-0.001945	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	50	-8.720000	-0.002506	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-6.390000	-0.001826	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-8.080000	-0.002309	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-8.070000	-0.002306	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-12.680000	-0.003623	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-8.590000	-0.002454	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-9.030000	-0.002580	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	-10.230000	-0.002923	PASS
N78-345	30	60	DFT-QPSK	M	Outer_Full	NV	40	-10.440000	-0.002983	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	-8.100000	-0.002314	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-30	-6.970000	-0.001991	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-8.410000	-0.002403	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-10	-11.460000	-0.003274	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	0	-9.700000	-0.002771	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	10	-13.080000	-0.003737	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	20	-14.000000	-0.004000	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	30	-11.680000	-0.003337	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	40	-12.620000	-0.003606	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	50	-9.380000	-0.002680	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-6.490000	-0.001844	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-8.430000	-0.002395	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-9.620000	-0.002733	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-11.220000	-0.003188	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-8.550000	-0.002429	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	-11.730000	-0.003332	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	-6.300000	-0.001790	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	-8.070000	-0.002293	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	-7.990000	-0.002270	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-11.430000	-0.003247	PASS
N78-345	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-10.780000	-0.003063	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-12.530000	-0.003560	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	0	-10.240000	-0.002909	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	10	-9.640000	-0.002739	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	20	-10.110000	-0.002872	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	30	-14.750000	-0.004190	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	40	-9.990000	-0.002838	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	50	-9.130000	-0.002594	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	-5.730000	-0.001644	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-5.650000	-0.001621	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-3.130000	-0.000898	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	-6.850000	-0.001965	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-6.870000	-0.001971	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-9.960000	-0.002858	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	-7.220000	-0.002072	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	-9.050000	-0.002597	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-11.480000	-0.003294	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-10.520000	-0.003019	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-15.200000	-0.004362	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-13.630000	-0.003911	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	0	-12.650000	-0.003630	PASS
N78-345	30	70	DFT-16QAM	L	Outer_Full	NV	10	-13.360000	-0.003834	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	20	-9.560000	-0.002743	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	30	-11.560000	-0.003317	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	40	-9.570000	-0.002746	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	50	-4.550000	-0.001306	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-7.180000	-0.002051	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-8.980000	-0.002566	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-14.960000	-0.004274	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-10.590000	-0.003026	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-12.430000	-0.003551	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-13.930000	-0.003980	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-11.570000	-0.003306	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-11.100000	-0.003171	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-9.550000	-0.002729	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-11.930000	-0.003409	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-5.290000	-0.001511	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-10	-14.540000	-0.004154	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	0	-11.370000	-0.003249	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	10	-11.640000	-0.003326	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	20	-10.530000	-0.003009	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	30	-13.020000	-0.003720	PASS
N78-345	30	70	DFT-16QAM	M	Outer_Full	NV	40	-9.980000	-0.002851	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	50	-9.810000	-0.002803	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-11.230000	-0.003195	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-10.710000	-0.003047	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-10.870000	-0.003092	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-14.720000	-0.004188	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-9.010000	-0.002563	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	-8.640000	-0.002458	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-11.380000	-0.003238	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	40	-15.560000	-0.004427	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	-11.320000	-0.003220	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-30	-9.180000	-0.002612	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-14.650000	-0.004168	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-14.600000	-0.004154	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	0	-6.160000	-0.001752	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	10	-10.240000	-0.002913	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	20	-10.140000	-0.002885	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	30	-9.220000	-0.002623	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	40	-7.890000	-0.002245	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	50	-7.560000	-0.002151	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-8.289999	-0.002375	PASS
N78-345	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-10.900000	-0.003123	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-14.000000	-0.004011	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	-9.040000	-0.002590	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-10.400000	-0.002980	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	-9.010000	-0.002582	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-7.680000	-0.002201	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	-12.780000	-0.003662	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-11.270000	-0.003229	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-12.860000	-0.003685	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-8.600000	-0.002464	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-6.890000	-0.001974	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	0	-6.610000	-0.001894	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	10	-15.020000	-0.004304	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	20	-9.900000	-0.002837	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	30	-10.330000	-0.002960	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	40	-8.840000	-0.002533	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	50	-13.070000	-0.003745	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-11.020000	-0.003149	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-11.700000	-0.003343	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-11.260000	-0.003217	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	-6.430000	-0.001837	PASS
N78-345	30	80	DFT-QPSK	M	Outer_Full	NV	10	-14.450000	-0.004129	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-8.620000	-0.002463	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-10.410000	-0.002974	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-11.880000	-0.003394	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-9.740000	-0.002783	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-11.610000	-0.003317	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-11.830000	-0.003380	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-9.220000	-0.002634	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	0	-8.189999	-0.002340	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	10	-9.140000	-0.002611	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	20	-8.119999	-0.002320	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	30	-9.930000	-0.002837	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	40	-13.480000	-0.003851	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	50	-14.160000	-0.004046	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-8.060000	-0.002296	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-14.430000	-0.004111	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-9.090000	-0.002590	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	0	-11.210000	-0.003194	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	-12.590000	-0.003587	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	-8.440000	-0.002405	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	30	-9.710000	-0.002766	PASS
N78-345	30	80	DFT-QPSK	H	Outer_Full	NV	40	-11.810000	-0.003365	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	-8.870000	-0.002527	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-10.090000	-0.002875	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-12.080000	-0.003442	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-10	-13.720000	-0.003909	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	0	-10.890000	-0.003103	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	10	-12.860000	-0.003664	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	20	-11.630000	-0.003313	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	30	-10.010000	-0.002852	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	40	-9.350000	-0.002664	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	50	-12.360000	-0.003521	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-12.270000	-0.003511	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-10.540000	-0.003016	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-10.940000	-0.003130	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	-9.790000	-0.002801	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-6.890000	-0.001971	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	-6.790000	-0.001943	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-9.270000	-0.002652	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	-9.130000	-0.002612	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-6.400000	-0.001831	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-9.400000	-0.002690	PASS
N78-345	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-12.500000	-0.003577	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-10.030000	-0.002870	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	0	-9.190000	-0.002629	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	10	-12.050000	-0.003448	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	20	-9.810000	-0.002807	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	30	-12.260000	-0.003508	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	40	-7.630000	-0.002183	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	50	-7.540000	-0.002157	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-9.880000	-0.002823	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-6.880000	-0.001965	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-8.300000	-0.002371	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-9.470000	-0.002706	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-7.150000	-0.002043	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-7.330000	-0.002094	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-7.920000	-0.002263	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-7.900000	-0.002257	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-6.150000	-0.001757	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-30	-11.540000	-0.003297	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-8.660000	-0.002474	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-9.940000	-0.002840	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	0	-11.380000	-0.003251	PASS
N78-345	30	90	DFT-16QAM	M	Outer_Full	NV	10	-9.570000	-0.002734	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	20	-11.180000	-0.003194	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	30	-8.480000	-0.002423	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	40	-7.620000	-0.002177	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	50	-8.400000	-0.002400	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-9.860000	-0.002813	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-9.210000	-0.002628	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-5.650000	-0.001612	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	-6.540000	-0.001866	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	10	-13.570000	-0.003872	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-8.690000	-0.002479	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	-10.470000	-0.002987	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-10.120000	-0.002887	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-11.440000	-0.003264	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-5.900000	-0.001683	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-9.800000	-0.002796	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-9.930000	-0.002833	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	0	-7.220000	-0.002060	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	10	-12.740000	-0.003635	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	20	-17.490000	-0.004990	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	30	-8.880000	-0.002534	PASS
N78-345	30	90	DFT-16QAM	H	Outer_Full	NV	40	-14.970000	-0.004271	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	50	-11.680000	-0.003332	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-30	-7.560000	-0.002160	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-3.520000	-0.001006	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-9.760000	-0.002789	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	0	-9.630000	-0.002751	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	10	-9.530000	-0.002723	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	20	-11.240000	-0.003211	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	30	-9.700000	-0.002771	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	40	-9.130000	-0.002609	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	50	-5.030000	-0.001437	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-12.930000	-0.003694	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-20	-11.370000	-0.003249	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-10.860000	-0.003103	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	0	-9.230000	-0.002637	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	10	-8.720000	-0.002491	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	20	-15.850000	-0.004529	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	30	-12.570000	-0.003591	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	40	-11.870000	-0.003391	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	50	-10.240000	-0.002926	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-7.780000	-0.002223	PASS
N78-345	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-12.150000	-0.003471	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-10.260000	-0.002931	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-13.150000	-0.003757	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-12.580000	-0.003594	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-6.080000	-0.001737	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-12.960000	-0.003703	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-11.950000	-0.003414	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-7.150000	-0.002043	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-6.850000	-0.001957	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-12.220000	-0.003491	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-10.890000	-0.003111	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	-13.440000	-0.003840	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	-11.440000	-0.003269	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	-7.760000	-0.002217	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	-13.470000	-0.003849	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	-9.320000	-0.002663	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	-10.470000	-0.002991	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-7.960000	-0.002274	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-7.350000	-0.002100	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-7.290000	-0.002083	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	0	-8.369999	-0.002391	PASS
N78-345	30	100	DFT-QPSK	H	Outer_Full	NV	10	-9.100000	-0.002600	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	20	-11.920000	-0.003406	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	30	-12.290000	-0.003511	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	40	-12.040000	-0.003440	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	50	-16.480000	-0.004709	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-13.690000	-0.003911	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-20	-8.080000	-0.002309	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-9.960000	-0.002846	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	0	-13.840000	-0.003954	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	10	-15.960000	-0.004560	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	20	-9.020000	-0.002577	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	30	-14.790000	-0.004226	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	40	-10.940000	-0.003126	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	50	-8.250000	-0.002357	PASS