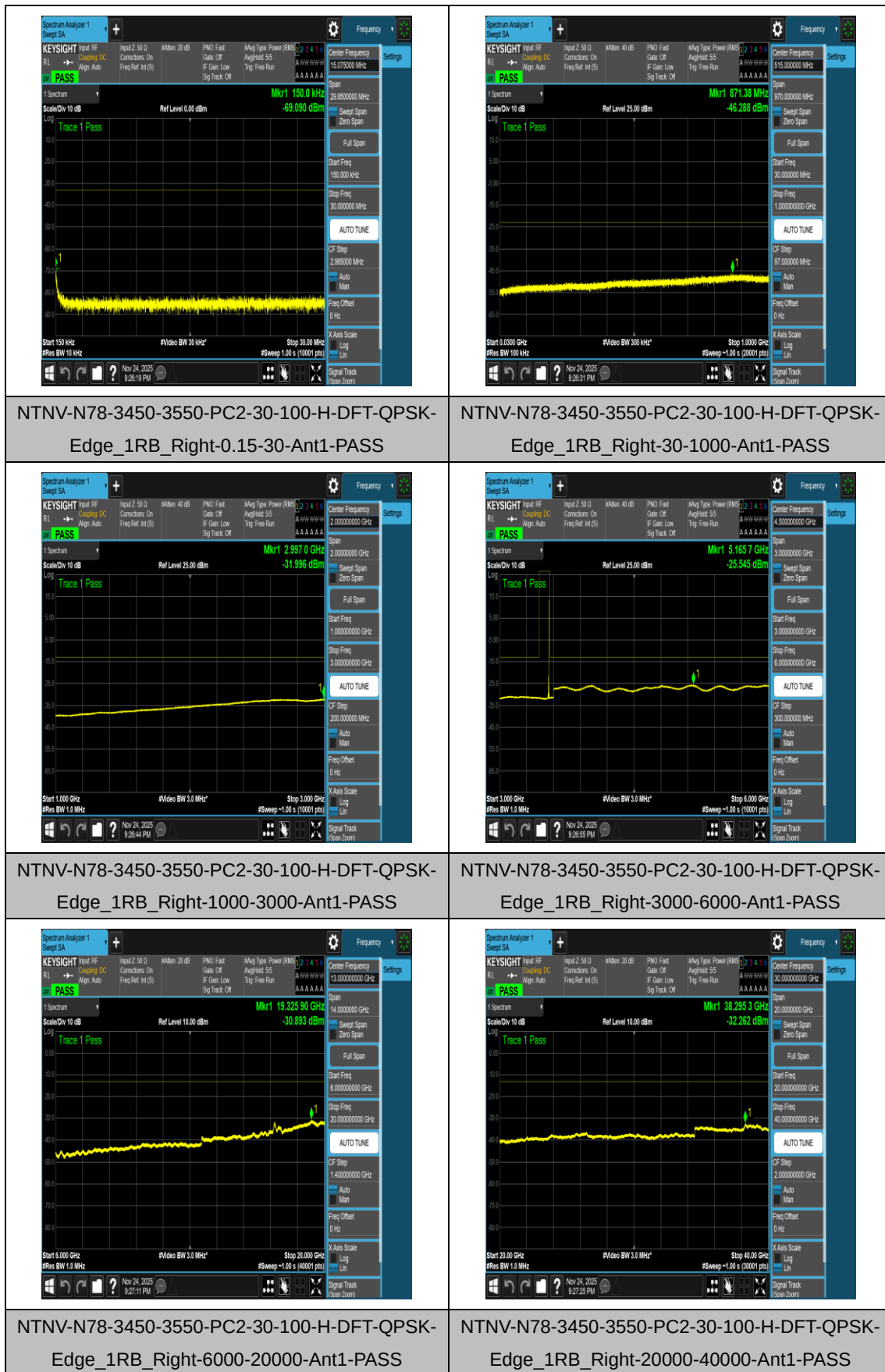




Appendix F: Frequency Stability for SA

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	-12.680000	-0.003670	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-13.290000	-0.003847	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-20.330000	-0.005884	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VL	NT	-16.210000	-0.004692	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VN	NT	-14.500000	-0.004197	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VH	NT	-11.630000	-0.003366	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-16.590000	-0.004740	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-8.680000	-0.002480	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-16.150000	-0.004614	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VL	NT	-9.600000	-0.002743	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VN	NT	-13.500000	-0.003857	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VH	NT	-16.710000	-0.004774	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-10.840000	-0.003058	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VN	NT	-13.010000	-0.003670	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VH	NT	-13.940000	-0.003932	PASS
N78-345	30	10	DFT-16QAM	H	Outer_Full	VL	NT	-13.090000	-0.003693	PASS

0-3550										
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VN	NT	-18.290000	-0.005159	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VH	NT	-15.100000	-0.004260	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-10.200000	-0.002950	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VN	NT	-15.190000	-0.004393	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-11.520000	-0.003332	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VL	NT	-12.840000	-0.003714	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VN	NT	-14.140000	-0.004090	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VH	NT	-14.290000	-0.004133	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-17.120000	-0.004891	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-16.290000	-0.004654	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-12.490000	-0.003569	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VL	NT	-15.900000	-0.004543	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VN	NT	-13.300000	-0.003800	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VH	NT	-14.490000	-0.004140	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VL	NT	-18.030000	-0.005090	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VN	NT	-17.660000	-0.004985	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-17.440000	-0.004923	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VL	NT	-19.400000	-0.005476	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VN	NT	-20.550000	-0.005801	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VH	NT	-18.470000	-0.005214	PASS
N78-345	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-14.690000	-0.004246	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-16.640000	-0.004809	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-16.280000	-0.004705	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-14.190000	-0.004101	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-12.190000	-0.003523	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-15.320000	-0.004428	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-13.990000	-0.003997	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-12.550000	-0.003586	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-17.570000	-0.005020	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-19.720000	-0.005634	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-16.610000	-0.004746	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-15.910000	-0.004546	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-12.140000	-0.003429	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-12.250000	-0.003460	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-17.740000	-0.005011	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VL	NT	-18.930000	-0.005347	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-19.540000	-0.005520	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VH	NT	-15.370000	-0.004342	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-17.030000	-0.004908	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-14.730000	-0.004245	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-16.700000	-0.004813	PASS
N78-345	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-16.260000	-0.004686	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-17.750000	-0.005115	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VH	NT	-15.530000	-0.004475	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-8.310000	-0.002374	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-9.580000	-0.002737	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-12.440000	-0.003554	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-15.890000	-0.004540	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-15.900000	-0.004543	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-13.800000	-0.003943	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-12.870000	-0.003646	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-13.460000	-0.003813	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-13.250000	-0.003754	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-18.240000	-0.005167	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-19.350000	-0.005482	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-18.970000	-0.005374	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-20.580000	-0.005922	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-16.100000	-0.004633	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-13.500000	-0.003885	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-14.080000	-0.004052	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-17.770000	-0.005114	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VH	NT	-9.020000	-0.002596	PASS
N78-345	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-19.400000	-0.005543	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-16.980000	-0.004851	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-17.480000	-0.004994	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-14.090000	-0.004026	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-17.510000	-0.005003	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-17.150000	-0.004900	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-18.110000	-0.005138	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-10.260000	-0.002911	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-12.550000	-0.003560	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-18.850000	-0.005348	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-24.730000	-0.007016	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-19.450000	-0.005518	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-17.020000	-0.004891	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-10.380000	-0.002983	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-13.640000	-0.003920	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-12.720000	-0.003655	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-11.510000	-0.003307	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-16.280000	-0.004678	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-14.000000	-0.004000	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-17.370000	-0.004963	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-14.860000	-0.004246	PASS
N78-345	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-19.730000	-0.005637	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-16.340000	-0.004669	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-16.040000	-0.004583	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-11.730000	-0.003332	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-13.880000	-0.003943	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-11.270000	-0.003202	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-16.110000	-0.004577	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-17.990000	-0.005111	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-17.460000	-0.004960	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-13.100000	-0.003759	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-16.340000	-0.004689	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-11.710000	-0.003360	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-17.860000	-0.005125	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-18.430000	-0.005288	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-13.670000	-0.003923	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-22.260000	-0.006360	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-16.410000	-0.004689	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-16.460000	-0.004703	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-13.170000	-0.003763	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-17.870000	-0.005106	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-11.200000	-0.003200	PASS
N78-345	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-18.890000	-0.005374	PASS

0-3550										
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-14.260000	-0.004057	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-15.300000	-0.004353	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-19.250000	-0.005477	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-20.480000	-0.005826	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-12.610000	-0.003587	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-16.070000	-0.004605	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-15.010000	-0.004301	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-15.520000	-0.004447	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-15.190000	-0.004352	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-19.280000	-0.005524	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-20.490000	-0.005871	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-11.890000	-0.003397	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-11.310000	-0.003231	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-19.790000	-0.005654	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-18.660000	-0.005331	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-14.960000	-0.004274	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-12.660000	-0.003617	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-10.080000	-0.002872	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-10.110000	-0.002880	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-11.610000	-0.003308	PASS
N78-345	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-15.950000	-0.004544	PASS

0-3550										
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-16.970000	-0.004835	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-19.300000	-0.005499	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-12.830000	-0.003671	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-12.770000	-0.003654	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-18.910000	-0.005411	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-19.700000	-0.005637	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-16.050000	-0.004592	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-10.310000	-0.002950	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-16.020000	-0.004577	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-13.120000	-0.003749	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-20.260000	-0.005789	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-18.570000	-0.005306	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-13.470000	-0.003849	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-13.540000	-0.003869	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-21.050000	-0.006006	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-12.960000	-0.003698	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-14.370000	-0.004100	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-11.140000	-0.003178	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-14.070000	-0.004014	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-18.430000	-0.005258	PASS
N78-345	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-12.420000	-0.003549	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-14.750000	-0.004214	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-15.550000	-0.004443	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-15.870000	-0.004534	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-16.340000	-0.004669	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-20.490000	-0.005854	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-14.670000	-0.004191	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-14.410000	-0.004117	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-15.860000	-0.004531	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-16.840000	-0.004811	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-18.010000	-0.005146	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-22.740000	-0.006497	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-11.450000	-0.003271	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-16.530000	-0.004723	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-12.870000	-0.003677	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-17.640000	-0.005040	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-11.070000	-0.003163	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-14.440000	-0.004126	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-345	30	10	DFT-QPSK	L	Outer_Full	NV	-30	-20.620000	-0.005968	PASS

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0-3550										
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-17.020000	-0.004926	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-12.170000	-0.003522	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	0	-18.800000	-0.005441	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	10	-20.710000	-0.005994	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	20	-16.310000	-0.004721	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	30	-17.630000	-0.005103	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	40	-15.530000	-0.004495	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	50	-10.720000	-0.003103	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-30	-16.130000	-0.004669	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-20	-10.820000	-0.003132	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-10	-20.480000	-0.005928	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	0	-17.330000	-0.005016	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	10	-14.310000	-0.004142	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	20	-16.150000	-0.004674	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	30	-17.540000	-0.005077	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	40	-14.560000	-0.004214	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	50	-18.540000	-0.005366	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-10.250000	-0.002929	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-11.850000	-0.003386	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-13.520000	-0.003863	PASS
N78-345	30	10	DFT-QPSK	M	Outer_Full	NV	0	-11.280000	-0.003223	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	10	-15.140000	-0.004326	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-7.950000	-0.002271	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-10.630000	-0.003037	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-13.480000	-0.003851	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	-11.340000	-0.003240	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-30	-10.720000	-0.003063	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-20	-14.570000	-0.004163	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-10	-15.460000	-0.004417	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	0	-15.760000	-0.004503	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	10	-11.320000	-0.003234	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	20	-14.620000	-0.004177	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	30	-8.610000	-0.002460	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	40	-14.040000	-0.004011	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	50	-13.860000	-0.003960	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-13.260000	-0.003740	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-17.440000	-0.004920	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-14.200000	-0.004006	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	0	-13.420000	-0.003786	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	10	-17.570000	-0.004956	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	20	-13.710000	-0.003867	PASS
N78-345	30	10	DFT-QPSK	H	Outer_Full	NV	30	-11.390000	-0.003213	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	40	-12.310000	-0.003472	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	50	-19.210000	-0.005419	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-30	-11.140000	-0.003142	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-20	-16.090000	-0.004539	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-10	-13.680000	-0.003859	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	0	-16.160000	-0.004559	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	10	-17.110000	-0.004827	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	20	-21.970000	-0.006197	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	30	-15.860000	-0.004474	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	40	-12.400000	-0.003498	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	50	-16.060000	-0.004530	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-30	-13.750000	-0.003977	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-12.460000	-0.003604	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-13.190000	-0.003815	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	0	-15.630000	-0.004521	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	10	-16.040000	-0.004639	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	20	-10.290000	-0.002976	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	30	-14.730000	-0.004260	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	40	-15.840000	-0.004581	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	50	-14.230000	-0.004116	PASS
N78-345	30	15	DFT-16QAM	L	Outer_Full	NV	-30	-16.390000	-0.004740	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-20	-12.310000	-0.003560	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-10	-11.450000	-0.003312	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	0	-11.040000	-0.003193	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	10	-17.460000	-0.005050	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	20	-16.580000	-0.004795	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	30	-14.640000	-0.004234	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	40	-15.010000	-0.004341	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	50	-15.350000	-0.004440	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-15.430000	-0.004409	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-12.010000	-0.003431	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-14.150000	-0.004043	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	-15.610000	-0.004460	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-17.340000	-0.004954	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-11.370000	-0.003249	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-11.280000	-0.003223	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-16.120000	-0.004606	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-19.220000	-0.005491	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-30	-15.430000	-0.004409	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-20	-16.040000	-0.004583	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-10	-20.820000	-0.005949	PASS
N78-345	30	15	DFT-16QAM	M	Outer_Full	NV	0	-16.620000	-0.004749	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	10	-10.850000	-0.003100	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	20	-13.690000	-0.003911	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	30	-10.910000	-0.003117	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	40	-18.270000	-0.005220	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	50	-14.970000	-0.004277	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-15.370000	-0.004339	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-20	-20.640000	-0.005826	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-14.890000	-0.004203	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	0	-21.440000	-0.006052	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	10	-16.580000	-0.004680	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	20	-16.430000	-0.004638	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	30	-16.500000	-0.004658	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	40	-19.340000	-0.005459	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	50	-13.820000	-0.003901	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-30	-16.800000	-0.004742	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-20	-25.120000	-0.007091	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-10	-16.210000	-0.004576	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	0	-18.200000	-0.005138	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	10	-13.740000	-0.003879	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	20	-16.640000	-0.004697	PASS
N78-345	30	15	DFT-16QAM	H	Outer_Full	NV	30	-18.040000	-0.005092	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	40	-16.040000	-0.004528	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	50	-16.280000	-0.004596	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-17.920000	-0.005179	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-13.060000	-0.003775	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-12.370000	-0.003575	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-13.830000	-0.003997	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-16.730000	-0.004835	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-16.930000	-0.004893	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-19.270000	-0.005569	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-14.040000	-0.004058	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-20.120000	-0.005815	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-19.070000	-0.005512	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-15.810000	-0.004569	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-19.960000	-0.005769	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	0	-15.260000	-0.004410	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	10	-14.420000	-0.004168	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	20	-13.330000	-0.003853	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	30	-17.550000	-0.005072	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	40	-18.870000	-0.005454	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	50	-14.640000	-0.004231	PASS
N78-345	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-16.440000	-0.004697	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-16.610000	-0.004746	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-13.850000	-0.003957	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-12.140000	-0.003469	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-19.060000	-0.005446	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-17.720000	-0.005063	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-16.690000	-0.004769	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-15.470000	-0.004420	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-15.720000	-0.004491	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-12.500000	-0.003571	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-12.710000	-0.003631	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-16.650000	-0.004757	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	0	-21.550000	-0.006157	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	10	-14.000000	-0.004000	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	20	-19.390000	-0.005540	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	30	-18.600000	-0.005314	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	40	-13.700000	-0.003914	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	50	-22.030000	-0.006294	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-20.780000	-0.005870	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-14.790000	-0.004178	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-18.210000	-0.005144	PASS
N78-345	30	20	DFT-QPSK	H	Outer_Full	NV	0	-13.270000	-0.003749	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	10	-22.040000	-0.006226	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	-17.540000	-0.004955	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-21.540000	-0.006085	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	-9.970000	-0.002816	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-12.440000	-0.003514	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-20.980000	-0.005927	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-19.030000	-0.005376	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-11.950000	-0.003376	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	0	-13.020000	-0.003678	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	10	-14.350000	-0.004054	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	20	-21.140000	-0.005972	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	30	-11.300000	-0.003192	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	40	-11.930000	-0.003370	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	50	-8.870000	-0.002506	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-13.340000	-0.003844	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-21.080000	-0.006075	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-14.970000	-0.004314	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	-21.140000	-0.006092	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	-14.480000	-0.004173	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-11.550000	-0.003329	PASS
N78-345	30	40	DFT-QPSK	L	Outer_Full	NV	30	-16.630000	-0.004792	PASS

0-3550										
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	40	-10.030000	-0.002890	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	-16.270000	-0.004689	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-18.370000	-0.005294	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-19.480000	-0.005614	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-10	-20.430000	-0.005888	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	0	-19.220000	-0.005539	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	10	-13.220000	-0.003810	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	20	-16.340000	-0.004709	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	30	-12.260000	-0.003533	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	40	-18.930000	-0.005455	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	50	-18.280000	-0.005268	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-12.120000	-0.003463	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-13.600000	-0.003886	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-16.620000	-0.004749	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-13.600000	-0.003886	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-11.100000	-0.003171	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	-13.960000	-0.003989	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-18.890000	-0.005397	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-15.980000	-0.004566	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-21.730000	-0.006209	PASS
N78-345	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-16.740000	-0.004783	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-16.450000	-0.004700	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-17.150000	-0.004900	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	0	-17.460000	-0.004989	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	10	-18.460000	-0.005274	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	20	-17.980000	-0.005137	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	30	-11.160000	-0.003189	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	40	-14.020000	-0.004006	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	50	-13.870000	-0.003963	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-15.080000	-0.004272	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-12.000000	-0.003399	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-12.840000	-0.003637	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	-15.610000	-0.004422	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-21.350000	-0.006048	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	-20.170000	-0.005714	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-13.490000	-0.003822	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-19.870000	-0.005629	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-16.830000	-0.004768	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-16.060000	-0.004550	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-13.430000	-0.003805	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-10	-18.460000	-0.005229	PASS
N78-345	30	40	DFT-16QAM	H	Outer_Full	NV	0	-14.680000	-0.004159	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	10	-18.930000	-0.005363	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	20	-15.440000	-0.004374	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	30	-21.680000	-0.006142	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	40	-14.400000	-0.004079	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	50	-19.620000	-0.005558	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-18.690000	-0.005378	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-12.660000	-0.003643	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-18.540000	-0.005335	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-18.070000	-0.005200	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	10	-13.320000	-0.003833	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-15.710000	-0.004521	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-19.200000	-0.005525	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	-18.270000	-0.005258	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-14.670000	-0.004222	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-16.010000	-0.004607	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-11.720000	-0.003373	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-16.210000	-0.004665	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	0	-15.440000	-0.004443	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	10	-15.190000	-0.004371	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	20	-17.220000	-0.004955	PASS
N78-345	30	50	DFT-16QAM	L	Outer_Full	NV	30	-17.430000	-0.005016	PASS

0-3550										
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	40	-17.460000	-0.005024	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	50	-20.920000	-0.006020	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-12.770000	-0.003649	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-15.790000	-0.004511	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-19.510000	-0.005574	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-9.350000	-0.002671	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-18.850000	-0.005386	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	-15.620000	-0.004463	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-15.020000	-0.004291	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-17.160000	-0.004903	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-16.110000	-0.004603	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-17.390000	-0.004969	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-15.520000	-0.004434	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-16.870000	-0.004820	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	0	-16.540000	-0.004726	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	10	-9.780000	-0.002794	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	20	-19.230000	-0.005494	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	30	-19.180000	-0.005480	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	40	-14.290000	-0.004083	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	50	-20.310000	-0.005803	PASS
N78-345	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-13.590000	-0.003855	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-16.980000	-0.004817	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-19.270000	-0.005467	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-17.950000	-0.005092	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	-18.150000	-0.005149	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-16.550000	-0.004695	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-15.690000	-0.004451	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	-19.590000	-0.005557	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-16.320000	-0.004630	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-18.640000	-0.005288	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-18.640000	-0.005288	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-12.280000	-0.003484	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	0	-15.800000	-0.004482	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	10	-17.350000	-0.004922	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	20	-19.170000	-0.005438	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	30	-12.860000	-0.003648	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	40	-12.060000	-0.003421	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	50	-17.280000	-0.004902	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-17.060000	-0.004902	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-14.180000	-0.004075	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-15.970000	-0.004589	PASS
N78-345	30	60	DFT-QPSK	L	Outer_Full	NV	0	-15.850000	-0.004555	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	10	-11.760000	-0.003379	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	-14.650000	-0.004210	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-16.140000	-0.004638	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-17.910000	-0.005147	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-10.190000	-0.002928	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-18.040000	-0.005184	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-14.580000	-0.004190	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-13.430000	-0.003859	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	0	-14.120000	-0.004057	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	10	-17.680000	-0.005080	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	20	-10.780000	-0.003098	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	30	-17.090000	-0.004911	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	40	-11.830000	-0.003399	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	50	-14.140000	-0.004063	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-20.670000	-0.005906	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-21.820000	-0.006234	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-15.470000	-0.004420	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-23.070000	-0.006591	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-14.900000	-0.004257	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-18.960000	-0.005417	PASS
N78-345	30	60	DFT-QPSK	M	Outer_Full	NV	30	-18.860000	-0.005389	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	-17.340000	-0.004954	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	-15.360000	-0.004389	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-30	-17.000000	-0.004857	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-13.460000	-0.003846	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-10	-15.380000	-0.004394	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	0	-18.980000	-0.005423	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	10	-16.320000	-0.004663	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	20	-16.220000	-0.004634	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	30	-16.160000	-0.004617	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	40	-15.170000	-0.004334	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	50	-11.460000	-0.003274	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-14.230000	-0.004043	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-16.970000	-0.004821	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-16.430000	-0.004668	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-26.760000	-0.007602	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-16.070000	-0.004565	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	-13.760000	-0.003909	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	-11.630000	-0.003304	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	-15.870000	-0.004509	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	-16.240000	-0.004614	PASS
N78-345	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-14.140000	-0.004017	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-17.520000	-0.004977	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-16.470000	-0.004679	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	0	-18.600000	-0.005284	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	10	-14.110000	-0.004009	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	20	-17.980000	-0.005108	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	30	-10.180000	-0.002892	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	40	-19.650000	-0.005582	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	50	-12.710000	-0.003611	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	-13.930000	-0.003997	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-18.110000	-0.005197	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-15.000000	-0.004304	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	-14.280000	-0.004098	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-12.580000	-0.003610	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-15.440000	-0.004430	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	-16.700000	-0.004792	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	-19.300000	-0.005538	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-13.790000	-0.003957	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-14.790000	-0.004244	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-15.930000	-0.004571	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-15.520000	-0.004453	PASS
N78-345	30	70	DFT-16QAM	L	Outer_Full	NV	0	-16.540000	-0.004746	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	10	-14.140000	-0.004057	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	20	-12.540000	-0.003598	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	30	-18.040000	-0.005176	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	40	-14.280000	-0.004098	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	50	-15.360000	-0.004407	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-15.900000	-0.004543	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-16.230000	-0.004637	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-13.810000	-0.003946	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-13.340000	-0.003811	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-13.990000	-0.003997	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-18.240000	-0.005211	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-9.920000	-0.002834	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-16.190000	-0.004626	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-11.700000	-0.003343	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-14.140000	-0.004040	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-14.920000	-0.004263	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-10	-18.190000	-0.005197	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	0	-19.130000	-0.005466	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	10	-18.050000	-0.005157	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	20	-12.890000	-0.003683	PASS
N78-345	30	70	DFT-16QAM	M	Outer_Full	NV	30	-12.500000	-0.003571	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	40	-12.980000	-0.003709	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	50	-21.510000	-0.006146	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-17.910000	-0.005095	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-14.900000	-0.004239	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-16.260000	-0.004626	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-18.940000	-0.005388	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-17.280000	-0.004916	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	-20.340000	-0.005787	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-20.230000	-0.005755	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	40	-20.070000	-0.005710	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	-12.420000	-0.003533	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-30	-20.400000	-0.005804	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-18.360000	-0.005223	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-12.440000	-0.003539	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	0	-17.160000	-0.004882	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	10	-15.060000	-0.004284	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	20	-19.400000	-0.005519	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	30	-17.600000	-0.005007	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	40	-14.000000	-0.003983	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	50	-19.120000	-0.005440	PASS
N78-345	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-14.360000	-0.004115	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-17.230000	-0.004937	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-15.700000	-0.004499	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	-17.680000	-0.005066	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-21.060000	-0.006034	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	-11.540000	-0.003307	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-22.440000	-0.006430	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	-17.750000	-0.005086	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-20.590000	-0.005900	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-17.500000	-0.005014	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-16.200000	-0.004642	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-16.900000	-0.004842	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	0	-17.590000	-0.005040	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	10	-13.470000	-0.003860	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	20	-13.320000	-0.003817	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	30	-14.910000	-0.004272	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	40	-12.880000	-0.003691	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	50	-20.170000	-0.005779	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-13.240000	-0.003783	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-13.860000	-0.003960	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-18.070000	-0.005163	PASS
N78-345	30	80	DFT-QPSK	M	Outer_Full	NV	0	-20.060000	-0.005731	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	-12.120000	-0.003463	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-18.080000	-0.005166	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-16.650000	-0.004757	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-17.470000	-0.004991	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-18.480000	-0.005280	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-11.390000	-0.003254	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-13.600000	-0.003886	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-17.340000	-0.004954	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	0	-14.760000	-0.004217	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	10	-20.170000	-0.005763	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	20	-14.690000	-0.004197	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	30	-12.560000	-0.003589	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	40	-20.450000	-0.005843	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	50	-12.340000	-0.003526	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-14.500000	-0.004131	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-12.150000	-0.003462	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-17.520000	-0.004991	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	0	-17.270000	-0.004920	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	-9.410000	-0.002681	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	-15.320000	-0.004365	PASS
N78-345	30	80	DFT-QPSK	H	Outer_Full	NV	30	-14.730000	-0.004197	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	40	-10.470000	-0.002983	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	-13.330000	-0.003798	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-14.240000	-0.004057	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-18.330000	-0.005222	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-10	-12.650000	-0.003604	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	0	-17.580000	-0.005009	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	10	-17.640000	-0.005026	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	20	-10.920000	-0.003111	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	30	-18.120000	-0.005162	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	40	-15.530000	-0.004425	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	50	-18.350000	-0.005228	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-8.130000	-0.002326	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-14.380000	-0.004114	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-17.590000	-0.005033	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	-11.720000	-0.003353	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-20.480000	-0.005860	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	-13.400000	-0.003834	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-14.220000	-0.004069	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	-19.450000	-0.005565	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-20.480000	-0.005860	PASS
N78-345	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-15.160000	-0.004338	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-13.680000	-0.003914	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-14.900000	-0.004263	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	0	-15.350000	-0.004392	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	10	-15.010000	-0.004295	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	20	-14.840000	-0.004246	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	30	-18.510000	-0.005296	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	40	-16.310000	-0.004667	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	50	-15.280000	-0.004372	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-14.170000	-0.004049	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-12.940000	-0.003697	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-15.700000	-0.004486	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-15.200000	-0.004343	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-16.240000	-0.004640	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-16.810000	-0.004803	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-19.160000	-0.005474	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-14.110000	-0.004031	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-13.860000	-0.003960	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-30	-16.170000	-0.004620	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-16.510000	-0.004717	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-19.860000	-0.005674	PASS
N78-345	30	90	DFT-16QAM	M	Outer_Full	NV	0	-16.610000	-0.004746	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	10	-17.560000	-0.005017	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	20	-10.530000	-0.003009	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	30	-18.050000	-0.005157	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	40	-14.030000	-0.004009	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	50	-16.980000	-0.004851	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-16.220000	-0.004628	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-21.830000	-0.006228	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-12.500000	-0.003566	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	-14.420000	-0.004114	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	10	-17.470000	-0.004984	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-14.210000	-0.004054	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	-15.560000	-0.004439	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-12.870000	-0.003672	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-12.210000	-0.003484	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-14.470000	-0.004128	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-9.220000	-0.002631	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-21.030000	-0.006000	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	0	-19.750000	-0.005635	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	10	-18.160000	-0.005181	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	20	-22.160000	-0.006322	PASS
N78-345	30	90	DFT-16QAM	H	Outer_Full	NV	30	-18.080000	-0.005158	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	40	-24.690000	-0.007044	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	50	-16.160000	-0.004611	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-30	-16.510000	-0.004717	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-15.840000	-0.004526	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-21.370000	-0.006106	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	0	-21.110000	-0.006031	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	10	-17.590000	-0.005026	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	20	-18.680000	-0.005337	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	30	-16.660000	-0.004760	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	40	-13.130000	-0.003751	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	50	-7.890000	-0.002254	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-16.420000	-0.004691	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-20	-15.540000	-0.004440	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-22.460000	-0.006417	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	0	-17.230000	-0.004923	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	10	-13.850000	-0.003957	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	20	-17.170000	-0.004906	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	30	-20.440000	-0.005840	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	40	-12.940000	-0.003697	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	50	-16.750000	-0.004786	PASS
N78-345	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-14.140000	-0.004040	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-14.400000	-0.004114	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-20.590000	-0.005883	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-15.600000	-0.004457	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-18.670000	-0.005334	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-17.320000	-0.004949	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-19.540000	-0.005583	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-15.180000	-0.004337	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-16.550000	-0.004729	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-16.500000	-0.004714	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-17.380000	-0.004966	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-18.300000	-0.005229	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	-16.430000	-0.004694	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	-15.300000	-0.004371	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	-14.490000	-0.004140	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	-21.010000	-0.006003	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	-15.940000	-0.004554	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	-17.680000	-0.005051	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-19.850000	-0.005671	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-9.240000	-0.002640	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-13.130000	-0.003751	PASS
N78-345	30	100	DFT-QPSK	H	Outer_Full	NV	0	-15.770000	-0.004506	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	10	-18.370000	-0.005249	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	20	-19.200000	-0.005486	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	30	-17.610000	-0.005031	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	40	-16.440000	-0.004697	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	50	-11.470000	-0.003277	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-20.930000	-0.005980	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-20	-18.030000	-0.005151	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-11.170000	-0.003191	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	0	-21.770000	-0.006220	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	10	-15.420000	-0.004406	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	20	-16.750000	-0.004786	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	30	-15.480000	-0.004423	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	40	-16.750000	-0.004786	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	50	-12.090000	-0.003454	PASS