



0-3550										
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-20.260000	-0.005789	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-13.970000	-0.003990	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-9.190000	-0.002626	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-16.440000	-0.004697	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-17.050000	-0.004837	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-12.700000	-0.003603	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-9.080000	-0.002576	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-14.060000	-0.003989	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-18.540000	-0.005260	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-11.740000	-0.003330	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-16.190000	-0.004652	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-17.280000	-0.004966	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-12.990000	-0.003733	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-11.460000	-0.003293	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-16.000000	-0.004598	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-10.380000	-0.002983	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-13.680000	-0.003909	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-19.320000	-0.005520	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-20.740000	-0.005926	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-10.930000	-0.003123	PASS
N78-345	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-14.860000	-0.004246	PASS



0-3550										
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-14.030000	-0.004009	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-12.830000	-0.003645	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-17.790000	-0.005054	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-12.660000	-0.003597	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-18.180000	-0.005165	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-15.850000	-0.004503	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-11.740000	-0.003335	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-8.760000	-0.002514	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-17.690000	-0.005076	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-11.200000	-0.003214	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-11.310000	-0.003245	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-13.430000	-0.003854	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-15.350000	-0.004405	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-17.080000	-0.004880	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-13.010000	-0.003717	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-15.100000	-0.004314	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-19.890000	-0.005683	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-13.250000	-0.003786	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-19.760000	-0.005646	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-18.140000	-0.005161	PASS
N78-345	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-16.800000	-0.004780	PASS



0-3550										
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-16.530000	-0.004703	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-13.920000	-0.003960	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-18.140000	-0.005161	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-15.640000	-0.004449	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-21.050000	-0.006032	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-17.980000	-0.005152	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-16.680000	-0.004779	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-16.830000	-0.004822	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-12.950000	-0.003711	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-16.690000	-0.004782	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-8.960000	-0.002560	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-6.860000	-0.001960	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-13.400000	-0.003829	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-11.770000	-0.003363	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-10.250000	-0.002929	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-10.170000	-0.002906	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-8.650000	-0.002464	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-20.100000	-0.005726	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-21.750000	-0.006197	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-18.430000	-0.005251	PASS
N78-345	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-11.790000	-0.003359	PASS



0-3550										
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-11.840000	-0.003373	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-19.470000	-0.005571	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-11.480000	-0.003285	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-8.260000	-0.002363	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-12.290000	-0.003516	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-16.510000	-0.004724	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-13.070000	-0.003740	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-16.790000	-0.004797	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-10.780000	-0.003080	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-11.060000	-0.003160	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-16.800000	-0.004800	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-15.210000	-0.004346	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-14.070000	-0.004020	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-15.150000	-0.004322	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-16.170000	-0.004613	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-15.970000	-0.004556	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-6.600000	-0.001883	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-12.380000	-0.003532	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-13.510000	-0.003855	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-14.410000	-0.004117	PASS
N78-345	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-10.360000	-0.002960	PASS



0-3550										
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-9.500000	-0.002714	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-20.600000	-0.005886	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-18.520000	-0.005291	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-13.360000	-0.003817	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-4.290000	-0.001226	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-17.100000	-0.004886	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-15.360000	-0.004389	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-15.240000	-0.004354	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-12.290000	-0.003511	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-11.100000	-0.003171	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-14.520000	-0.004149	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-9.430000	-0.002694	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-14.380000	-0.004109	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-13.920000	-0.003976	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-16.570000	-0.004734	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-13.830000	-0.003950	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	-16.510000	-0.004779	PASS
N78-345	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-13.670000	-0.003956	PASS

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