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## Appendix F: Frequency Stability

### N2 Test Result

#### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	NT	-12.80	-0.01	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	HV	NT	-9.50	-0.01	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	LV	NT	-8.60	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	NT	-5.10	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	HV	NT	-5.10	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	LV	NT	-6.20	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	NT	-6.80	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	HV	NT	-9.90	-0.01	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	LV	NT	-8.60	0.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	NT	-5.80	0.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	HV	NT	-10.60	-0.01	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	LV	NT	-9.50	-0.01	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	NT	2.60	0.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	HV	NT	-2.60	0.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	LV	NT	-3.40	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	NT	0.70	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	HV	NT	-8.20	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	LV	NT	-5.50	0.00	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	NT	-5.70	0.00	PASS
N2	15	20	CP-16QAM	M	Outer_Full	HV	NT	1.50	0.00	PASS
N2	15	20	CP-16QAM	M	Outer_Full	LV	NT	3.10	0.00	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	NT	-1.50	0.00	PASS
N2	15	20	CP-64QAM	M	Outer_Full	HV	NT	3.20	0.00	PASS
N2	15	20	CP-64QAM	M	Outer_Full	LV	NT	2.50	0.00	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	NT	1.70	0.00	PASS
N2	15	20	CP-256QAM	M	Outer_Full	HV	NT	1.70	0.00	PASS
N2	15	20	CP-256QAM	M	Outer_Full	LV	NT	2.70	0.00	PASS

#### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-13.700000	-0.007287	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-9.600000	-0.005106	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.200000	-0.004362	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-15.000000	-0.007979	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.300000	-0.004947	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-8.200000	-0.004362	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.400000	-0.001809	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.500000	-0.002926	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-8.100000	-0.004309	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-6.800000	-0.003617	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-12.900000	-0.006862	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-8.100000	-0.004309	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	0	-6.400000	-0.003404	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	10	-4.700000	-0.002500	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	20	-9.900000	-0.005266	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	30	-12.700000	-0.006755	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	40	-8.800000	-0.004681	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	50	-8.300000	-0.004415	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-6.400000	-0.003404	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-7.100000	-0.003777	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-8.200000	-0.004362	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	0	-8.000000	-0.004255	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	10	-4.600000	-0.002447	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	20	-11.900000	-0.006330	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	30	-7.400000	-0.003936	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	40	-5.100000	-0.002713	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	50	-2.400000	-0.001277	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-5.700000	-0.003032	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-5.700000	-0.003032	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-7.600000	-0.004043	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	0	-8.100000	-0.004309	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	10	-6.300000	-0.003351	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	20	-14.200000	-0.007553	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	30	-3.800000	-0.002021	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	40	-6.500000	-0.003457	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	NV	50	-6.400000	-0.003404	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	-30	-6.100000	-0.003245	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	-20	-7.100000	-0.003777	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	-10	-4.100000	-0.002181	PASS

N2	15	20	DFT-256QAM	M	Outer_Full	NV	0	-6.300000	-0.003351	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	10	-3.700000	-0.001968	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	20	-5.300000	-0.002819	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	30	-6.500000	-0.003457	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	40	-4.900000	-0.002606	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	NV	50	-2.200000	-0.001170	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	-1.500000	-0.000798	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.100000	-0.001649	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.100000	-0.000585	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	-2.500000	-0.001330	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	-3.600000	-0.001915	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	4.400000	0.002340	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	4.100000	0.002181	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	3.900000	0.002074	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.000000	-0.001596	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-30	-3.900000	-0.002074	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-20	5.800000	0.003085	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-10	4.400000	0.002340	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	0	4.600000	0.002447	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	10	-6.100000	-0.003245	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	20	3.300000	0.001755	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	30	4.900000	0.002606	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	40	-2.300000	-0.001223	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	50	0.900000	0.000479	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	-30	2.400000	0.001277	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	-20	-6.500000	-0.003457	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	-10	-4.700000	-0.002500	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	0	-6.200000	-0.003298	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	10	-3.600000	-0.001915	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	20	-3.900000	-0.002074	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	30	-4.700000	-0.002500	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	40	-6.600000	-0.003511	PASS
N2	15	20	CP-64QAM	M	Outer_Full	NV	50	5.700000	0.003032	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	-30	-7.800000	-0.004149	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	-20	-3.100000	-0.001649	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	-10	5.600000	0.002979	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	0	-0.400000	-0.000213	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	10	4.600000	0.002447	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	20	2.200000	0.001170	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	30	10.400000	0.005532	PASS
N2	15	20	CP-256QAM	M	Outer_Full	NV	40	-3.100000	-0.001649	PASS



N2	15	20	CP-256QAM	M	Outer_Full	NV	50	-3.300000	-0.001755	PASS
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## N5 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	NT	-6.40	-0.01	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	HV	NT	-8.50	-0.01	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	LV	NT	-12.70	-0.02	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	NT	-15.30	-0.02	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	HV	NT	-10.90	-0.01	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	LV	NT	-19.10	-0.02	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	NT	-5.10	-0.01	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	HV	NT	-8.90	-0.01	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	LV	NT	-5.40	-0.01	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	NT	-8.80	-0.01	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	HV	NT	-5.50	-0.01	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	LV	NT	-1.70	0.00	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	NT	0.90	0.00	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	HV	NT	-5.10	-0.01	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	LV	NT	-7.40	-0.01	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	NT	10.80	0.01	PASS
N5	15	20	CP-QPSK	M	Outer_Full	HV	NT	-9.10	-0.01	PASS
N5	15	20	CP-QPSK	M	Outer_Full	LV	NT	3.90	0.00	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	NT	-9.00	-0.01	PASS
N5	15	20	CP-16QAM	M	Outer_Full	HV	NT	14.40	0.02	PASS
N5	15	20	CP-16QAM	M	Outer_Full	LV	NT	-21.50	-0.03	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	NT	-14.20	-0.02	PASS
N5	15	20	CP-64QAM	M	Outer_Full	HV	NT	2.20	0.00	PASS
N5	15	20	CP-64QAM	M	Outer_Full	LV	NT	-1.40	0.00	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	NT	-4.60	-0.01	PASS
N5	15	20	CP-256QAM	M	Outer_Full	HV	NT	-6.20	-0.01	PASS
N5	15	20	CP-256QAM	M	Outer_Full	LV	NT	-5.20	-0.01	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-18.100000	-0.021638	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-10.100000	-0.012074	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-1.800000	-0.002152	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-15.400000	-0.018410	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	4.200000	0.005021	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-15.400000	-0.018410	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-15.900000	-0.019008	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-9.100000	-0.010879	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-16.100000	-0.019247	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-15.300000	-0.018290	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-11.400000	-0.013628	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-17.200000	-0.020562	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	0	-6.600000	-0.007890	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	10	-11.000000	-0.013150	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	20	-11.200000	-0.013389	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	30	-14.100000	-0.016856	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	40	-2.200000	-0.002630	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	50	-10.200000	-0.012194	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-9.400000	-0.011237	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-21.000000	-0.025105	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-8.700000	-0.010400	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	0	-11.100000	-0.013270	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	10	5.200000	0.006216	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	20	-8.400000	-0.010042	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	30	-12.200000	-0.014585	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	40	-4.200000	-0.005021	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	50	-16.100000	-0.019247	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-8.100000	-0.009683	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-12.800000	-0.015302	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-10.000000	-0.011955	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	0	-14.900000	-0.017812	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	10	-10.300000	-0.012313	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	20	-12.400000	-0.014824	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	30	-8.400000	-0.010042	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	40	-12.100000	-0.014465	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	50	-9.200000	-0.010998	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	-30	-2.700000	-0.003228	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	-20	-10.000000	-0.011955	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	-10	-4.100000	-0.004901	PASS



N5	15	20	DFT-256QAM	M	Outer_Full	NV	0	-5.600000	-0.006695	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	10	-5.100000	-0.006097	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	20	-2.300000	-0.002750	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	30	-5.100000	-0.006097	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	40	-3.100000	-0.003706	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	50	-3.100000	-0.003706	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-7.800000	-0.009325	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-8.400000	-0.010042	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-11.300000	-0.013509	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	6.600000	0.007890	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	6.300000	0.007531	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	11.500000	0.013748	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	2.600000	0.003108	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-15.400000	-0.018410	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-10.100000	-0.012074	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	-30	-0.800000	-0.000956	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	-20	-8.500000	-0.010161	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	-10	-3.300000	-0.003945	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	0	-10.700000	-0.012791	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	10	-7.900000	-0.009444	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	20	-5.200000	-0.006216	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	30	-5.800000	-0.006934	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	40	6.700000	0.008010	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	50	5.500000	0.006575	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	-30	-3.500000	-0.004184	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	-20	2.500000	0.002989	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	-10	-8.900000	-0.010640	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	0	6.700000	0.008010	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	10	-14.100000	-0.016856	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	20	0.400000	0.000478	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	30	-9.800000	-0.011715	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	40	-16.400000	-0.019605	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	50	-8.900000	-0.010640	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	-30	-3.500000	-0.004184	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	-20	-7.000000	-0.008368	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	-10	-5.900000	-0.007053	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	0	-2.900000	-0.003467	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	10	-6.400000	-0.007651	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	20	-2.600000	-0.003108	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	30	-3.800000	-0.004543	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	40	-4.500000	-0.005380	PASS

N5	15	20	CP-256QAM	M	Outer_Full	NV	50	-6.400000	-0.007651	PASS
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## N7 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	NT	-11.60	0.00	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	HV	NT	-11.30	0.00	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	LV	NT	-9.90	0.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	NT	-7.50	0.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	HV	NT	-14.10	-0.01	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	LV	NT	-8.80	0.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	NT	-11.40	0.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	HV	NT	-2.70	0.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	LV	NT	-9.30	0.00	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	NT	-5.60	0.00	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	HV	NT	-7.60	0.00	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	LV	NT	-3.70	0.00	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	NT	-2.30	0.00	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	HV	NT	-8.60	0.00	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	LV	NT	-8.80	0.00	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	NT	-6.90	0.00	PASS
N7	15	20	CP-QPSK	M	Outer_Full	HV	NT	-5.10	0.00	PASS
N7	15	20	CP-QPSK	M	Outer_Full	LV	NT	-5.70	0.00	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	NT	-8.90	0.00	PASS
N7	15	20	CP-16QAM	M	Outer_Full	HV	NT	-5.60	0.00	PASS
N7	15	20	CP-16QAM	M	Outer_Full	LV	NT	-9.10	0.00	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	NT	-2.20	0.00	PASS
N7	15	20	CP-64QAM	M	Outer_Full	HV	NT	-2.70	0.00	PASS
N7	15	20	CP-64QAM	M	Outer_Full	LV	NT	-7.10	0.00	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	NT	-1.90	0.00	PASS
N7	15	20	CP-256QAM	M	Outer_Full	HV	NT	-3.40	0.00	PASS
N7	15	20	CP-256QAM	M	Outer_Full	LV	NT	-4.60	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-14.300000	-0.005641	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-9.600000	-0.003787	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.500000	-0.001381	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-10.500000	-0.004142	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.000000	-0.003550	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-6.900000	-0.002722	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.700000	-0.002643	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-13.100000	-0.005168	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-10.000000	-0.003945	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-13.000000	-0.005128	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-13.000000	-0.005128	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-9.300000	-0.003669	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	0	-7.300000	-0.002880	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	10	-6.000000	-0.002367	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	20	-10.600000	-0.004181	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	30	-8.200000	-0.003235	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	40	-4.100000	-0.001617	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	50	-15.900000	-0.006272	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-5.400000	-0.002130	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-8.900000	-0.003511	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-7.300000	-0.002880	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	0	-10.000000	-0.003945	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	10	-8.600000	-0.003393	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	20	-3.500000	-0.001381	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	30	-2.600000	-0.001026	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	40	-5.900000	-0.002327	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	50	-8.200000	-0.003235	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-4.200000	-0.001657	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-7.400000	-0.002919	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-9.100000	-0.003590	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	0	-12.200000	-0.004813	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	10	-12.800000	-0.005049	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	20	-5.800000	-0.002288	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	30	-8.500000	-0.003353	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	40	-11.100000	-0.004379	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	NV	50	-12.100000	-0.004773	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	-30	-6.600000	-0.002604	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	-20	-2.800000	-0.001105	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	-10	-9.300000	-0.003669	PASS

N7	15	20	DFT-256QAM	M	Outer_Full	NV	0	-7.500000	-0.002959	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	10	-11.200000	-0.004418	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	20	-3.500000	-0.001381	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	30	-6.700000	-0.002643	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	40	-2.400000	-0.000947	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	NV	50	-6.600000	-0.002604	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-30	-6.100000	-0.002406	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-20	-8.400000	-0.003314	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-10	-7.300000	-0.002880	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	0	-7.400000	-0.002919	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	10	-9.300000	-0.003669	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	20	-9.800000	-0.003866	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	30	-8.200000	-0.003235	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	40	-11.400000	-0.004497	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	50	-6.600000	-0.002604	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	-30	-8.400000	-0.003314	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	-20	-11.500000	-0.004536	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	-10	-9.800000	-0.003866	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	0	-5.100000	-0.002012	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	10	-1.800000	-0.000710	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	20	-2.600000	-0.001026	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	30	-6.400000	-0.002525	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	40	-6.500000	-0.002564	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	50	-3.600000	-0.001420	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	-30	1.600000	0.000631	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	-20	-6.800000	-0.002682	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	-10	-4.400000	-0.001736	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	0	-11.300000	-0.004458	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	10	-2.700000	-0.001065	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	20	-9.200000	-0.003629	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	30	-5.600000	-0.002209	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	40	-9.900000	-0.003905	PASS
N7	15	20	CP-64QAM	M	Outer_Full	NV	50	-5.000000	-0.001972	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	-30	5.100000	0.002012	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	-20	-7.300000	-0.002880	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	-10	-4.900000	-0.001933	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	0	-9.400000	-0.003708	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	10	-4.600000	-0.001815	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	20	-6.300000	-0.002485	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	30	-4.700000	-0.001854	PASS
N7	15	20	CP-256QAM	M	Outer_Full	NV	40	-4.200000	-0.001657	PASS



N7	15	20	CP-256QAM	M	Outer_Full	NV	50	-5.800000	-0.002288	PASS
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## N12 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	NT	-6.60	-0.01	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	HV	NT	-11.50	-0.02	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	LV	NT	-9.20	-0.01	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	NT	-5.40	-0.01	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	HV	NT	-6.30	-0.01	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	LV	NT	-2.20	0.00	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	NT	-5.00	-0.01	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	HV	NT	-4.70	-0.01	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	LV	NT	-11.00	-0.02	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	NT	-13.30	-0.02	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	HV	NT	-8.00	-0.01	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	LV	NT	-10.60	-0.01	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	NT	-6.90	-0.01	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	HV	NT	-3.90	-0.01	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	LV	NT	-2.60	0.00	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	NT	-3.00	0.00	PASS
N12	15	15	CP-QPSK	M	Outer_Full	HV	NT	-6.70	-0.01	PASS
N12	15	15	CP-QPSK	M	Outer_Full	LV	NT	-5.00	-0.01	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	NT	-1.80	0.00	PASS
N12	15	15	CP-16QAM	M	Outer_Full	HV	NT	-7.10	-0.01	PASS
N12	15	15	CP-16QAM	M	Outer_Full	LV	NT	-2.50	0.00	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	NT	-4.60	-0.01	PASS
N12	15	15	CP-64QAM	M	Outer_Full	HV	NT	-3.90	-0.01	PASS
N12	15	15	CP-64QAM	M	Outer_Full	LV	NT	-1.00	0.00	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	NT	-2.80	0.00	PASS
N12	15	15	CP-256QAM	M	Outer_Full	HV	NT	-5.20	-0.01	PASS
N12	15	15	CP-256QAM	M	Outer_Full	LV	NT	-2.30	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-30	-8.600000	-0.012155	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-20	-7.300000	-0.010318	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.500000	-0.007774	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	0	-8.100000	-0.011449	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.700000	-0.010883	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	20	-7.300000	-0.010318	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.400000	-0.009046	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	40	-7.300000	-0.010318	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.900000	-0.009753	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-6.200000	-0.008763	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-6.100000	-0.008622	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-4.400000	-0.006219	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	0	-3.300000	-0.004664	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	10	-4.100000	-0.005795	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	20	-4.900000	-0.006926	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	30	-8.700000	-0.012297	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	40	-7.300000	-0.010318	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	NV	50	-6.200000	-0.008763	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-8.300000	-0.011731	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-6.400000	-0.009046	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-6.000000	-0.008481	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	0	-2.700000	-0.003816	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	10	-5.000000	-0.007067	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	20	-7.100000	-0.010035	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	30	-5.500000	-0.007774	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	40	-4.300000	-0.006078	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	NV	50	-12.900000	-0.018233	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	-30	-14.200000	-0.020071	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	-20	-10.500000	-0.014841	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	-10	-10.700000	-0.015124	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	0	-9.800000	-0.013852	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	10	-11.300000	-0.015972	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	20	-12.800000	-0.018092	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	30	-6.700000	-0.009470	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	40	-11.500000	-0.016254	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	NV	50	-9.600000	-0.013569	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	-30	-6.200000	-0.008763	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	-20	-0.900000	-0.001272	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	-10	-3.600000	-0.005088	PASS



N12	15	15	DFT-256QAM	M	Outer_Full	NV	0	-1.400000	-0.001979	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	10	-6.200000	-0.008763	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	20	-3.900000	-0.005512	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	30	-3.400000	-0.004806	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	40	-2.800000	-0.003958	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	NV	50	-1.100000	-0.001555	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	-30	-3.700000	-0.005230	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	-20	-5.100000	-0.007208	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	-10	-3.800000	-0.005371	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	0	-3.500000	-0.004947	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	10	-5.200000	-0.007350	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	20	-2.300000	-0.003251	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	30	-3.400000	-0.004806	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	40	-1.200000	-0.001696	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	50	-4.600000	-0.006502	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	-30	-2.300000	-0.003251	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	-20	-6.100000	-0.008622	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	-10	-6.500000	-0.009187	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	0	-4.800000	-0.006784	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	10	-3.100000	-0.004382	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	20	-4.600000	-0.006502	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	30	-2.900000	-0.004099	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	40	-3.700000	-0.005230	PASS
N12	15	15	CP-16QAM	M	Outer_Full	NV	50	-4.000000	-0.005654	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	-30	-2.700000	-0.003816	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	-20	-3.500000	-0.004947	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	-10	-6.200000	-0.008763	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	0	-5.700000	-0.008057	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	10	-3.600000	-0.005088	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	20	3.500000	0.004947	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	30	-4.700000	-0.006643	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	40	-3.500000	-0.004947	PASS
N12	15	15	CP-64QAM	M	Outer_Full	NV	50	-1.500000	-0.002120	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	-30	-4.300000	-0.006078	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	-20	-5.000000	-0.007067	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	-10	-4.000000	-0.005654	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	0	-5.200000	-0.007350	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	10	-4.900000	-0.006926	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	20	-5.600000	-0.007915	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	30	-4.400000	-0.006219	PASS
N12	15	15	CP-256QAM	M	Outer_Full	NV	40	-1.600000	-0.002261	PASS

N12	15	15	CP-256QAM	M	Outer_Full	NV	50	-3.500000	-0.004947	PASS
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## N13 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	NT	-14.90	-0.02	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	HV	NT	-8.00	-0.01	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	LV	NT	-4.30	-0.01	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	NT	-11.20	-0.01	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	HV	NT	-8.20	-0.01	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	LV	NT	-14.10	-0.02	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	NT	-2.20	0.00	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	HV	NT	-9.70	-0.01	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	LV	NT	-1.10	0.00	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	NT	-1.40	0.00	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	HV	NT	3.60	0.00	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	LV	NT	-3.70	0.00	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	NT	-5.30	-0.01	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	HV	NT	-4.30	-0.01	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	LV	NT	-5.30	-0.01	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	NT	-5.70	-0.01	PASS
N13	15	10	CP-QPSK	M	Outer_Full	HV	NT	-6.70	-0.01	PASS
N13	15	10	CP-QPSK	M	Outer_Full	LV	NT	-2.50	0.00	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	NT	2.30	0.00	PASS
N13	15	10	CP-16QAM	M	Outer_Full	HV	NT	12.50	0.02	PASS
N13	15	10	CP-16QAM	M	Outer_Full	LV	NT	-3.50	0.00	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	NT	6.60	0.01	PASS
N13	15	10	CP-64QAM	M	Outer_Full	HV	NT	14.90	0.02	PASS
N13	15	10	CP-64QAM	M	Outer_Full	LV	NT	-8.00	-0.01	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	NT	1.60	0.00	PASS
N13	15	10	CP-256QAM	M	Outer_Full	HV	NT	6.00	0.01	PASS
N13	15	10	CP-256QAM	M	Outer_Full	LV	NT	-0.70	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	-7.500000	-0.009591	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-11.100000	-0.014194	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	-9.400000	-0.012020	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	-12.000000	-0.015345	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.800000	-0.012532	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	-4.500000	-0.005754	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.100000	-0.010358	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.400000	-0.006905	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	-9.700000	-0.012404	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-13.100000	-0.016752	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-14.000000	-0.017903	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-17.200000	-0.021995	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	0	-6.100000	-0.007801	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	10	-6.100000	-0.007801	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	20	-5.700000	-0.007289	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	30	-9.900000	-0.012660	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	40	5.900000	0.007545	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	NV	50	-4.700000	-0.006010	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-2.000000	-0.002558	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-7.600000	-0.009719	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-4.100000	-0.005243	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	0	-8.900000	-0.011381	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	10	-2.300000	-0.002941	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	20	-2.800000	-0.003581	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	30	-4.900000	-0.006266	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	40	-6.000000	-0.007673	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	NV	50	2.400000	0.003069	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	-30	-6.000000	-0.007673	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	-20	-1.600000	-0.002046	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	-10	-7.900000	-0.010102	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	0	-11.600000	-0.014834	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	10	-3.300000	-0.004220	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	20	-9.300000	-0.011893	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	30	-2.100000	-0.002685	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	40	-4.900000	-0.006266	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	NV	50	-8.500000	-0.010870	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	-30	-3.000000	-0.003836	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	-20	-7.200000	-0.009207	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	-10	-0.800000	-0.001023	PASS

N13	15	10	DFT-256QAM	M	Outer_Full	NV	0	-4.100000	-0.005243	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	10	-1.900000	-0.002430	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	20	-4.500000	-0.005754	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	30	-2.700000	-0.003453	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	40	1.400000	0.001790	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	NV	50	-1.200000	-0.001535	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	-30	-5.100000	-0.006522	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	-20	-8.400000	-0.010742	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	-10	-5.600000	-0.007161	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	0	-1.500000	-0.001918	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	10	-5.900000	-0.007545	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	20	-2.900000	-0.003708	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	30	-4.500000	-0.005754	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	40	-4.200000	-0.005371	PASS
N13	15	10	CP-QPSK	M	Outer_Full	NV	50	-7.200000	-0.009207	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	-30	6.100000	0.007801	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	-20	-11.800000	-0.015090	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	-10	-6.700000	-0.008568	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	0	6.000000	0.007673	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	10	-1.400000	-0.001790	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	20	1.900000	0.002430	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	30	11.300000	0.014450	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	40	2.900000	0.003708	PASS
N13	15	10	CP-16QAM	M	Outer_Full	NV	50	8.100000	0.010358	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	-30	6.100000	0.007801	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	-20	-4.800000	-0.006138	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	-10	1.300000	0.001662	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	0	-5.900000	-0.007545	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	10	-2.800000	-0.003581	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	20	-7.500000	-0.009591	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	30	0.500000	0.000639	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	40	9.500000	0.012148	PASS
N13	15	10	CP-64QAM	M	Outer_Full	NV	50	-3.200000	-0.004092	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	-30	-1.300000	-0.001662	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	-20	0.500000	0.000639	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	-10	-2.500000	-0.003197	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	0	3.200000	0.004092	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	10	1.800000	0.002302	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	20	-1.000000	-0.001279	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	30	3.500000	0.004476	PASS
N13	15	10	CP-256QAM	M	Outer_Full	NV	40	-2.000000	-0.002558	PASS



N13	15	10	CP-256QAM	M	Outer_Full	NV	50	-2.000000	-0.002558	PASS
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## N14 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	NT	5.00	0.01	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	HV	NT	1.30	0.00	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	LV	NT	2.10	0.00	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	NT	-2.50	0.00	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	HV	NT	2.50	0.00	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	LV	NT	-2.60	0.00	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	NT	1.90	0.00	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	HV	NT	1.70	0.00	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	LV	NT	-3.10	0.00	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	NT	-3.10	0.00	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	HV	NT	2.50	0.00	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	LV	NT	3.80	0.00	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	NT	-4.70	-0.01	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	HV	NT	-0.70	0.00	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	LV	NT	-4.70	-0.01	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	NT	4.90	0.01	PASS
N14	15	10	CP-QPSK	M	Outer_Full	HV	NT	7.70	0.01	PASS
N14	15	10	CP-QPSK	M	Outer_Full	LV	NT	-0.80	0.00	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	NT	-2.60	0.00	PASS
N14	15	10	CP-16QAM	M	Outer_Full	HV	NT	-2.50	0.00	PASS
N14	15	10	CP-16QAM	M	Outer_Full	LV	NT	3.60	0.00	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	NT	5.90	0.01	PASS
N14	15	10	CP-64QAM	M	Outer_Full	HV	NT	-2.20	0.00	PASS
N14	15	10	CP-64QAM	M	Outer_Full	LV	NT	2.10	0.00	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	NT	8.50	0.01	PASS
N14	15	10	CP-256QAM	M	Outer_Full	HV	NT	0.70	0.00	PASS
N14	15	10	CP-256QAM	M	Outer_Full	LV	NT	3.00	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.800000	-0.008575	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.500000	-0.004414	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.400000	0.001765	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	-6.300000	-0.007945	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	3.700000	0.004666	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	3.300000	0.004161	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.300000	-0.005422	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	3.100000	0.003909	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.700000	-0.004666	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	-30	5.400000	0.006810	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	-20	4.500000	0.005675	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	-10	3.600000	0.004540	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	0	-4.300000	-0.005422	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	10	-6.200000	-0.007818	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	20	2.300000	0.002900	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	30	-3.300000	-0.004161	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	40	6.500000	0.008197	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	NV	50	3.200000	0.004035	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-2.200000	-0.002774	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-3.500000	-0.004414	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	-10	3.900000	0.004918	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	0	-4.500000	-0.005675	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	10	4.200000	0.005296	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	20	-3.300000	-0.004161	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	30	2.500000	0.003153	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	40	4.300000	0.005422	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	NV	50	1.100000	0.001387	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	-30	2.500000	0.003153	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	-20	-2.600000	-0.003279	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	-10	4.000000	0.005044	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	0	-2.100000	-0.002648	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	10	-6.100000	-0.007692	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	20	-5.000000	-0.006305	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	30	-4.400000	-0.005549	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	40	3.600000	0.004540	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	NV	50	3.000000	0.003783	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	-30	2.200000	0.002774	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	-20	-3.200000	-0.004035	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	-10	1.500000	0.001892	PASS



N14	15	10	DFT-256QAM	M	Outer_Full	NV	0	3.100000	0.003909	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	10	-2.900000	-0.003657	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	20	-4.900000	-0.006179	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	30	4.300000	0.005422	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	40	2.700000	0.003405	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	NV	50	2.400000	0.003026	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	-30	6.300000	0.007945	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	-20	-1.900000	-0.002396	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	-10	3.700000	0.004666	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	0	3.200000	0.004035	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	10	6.500000	0.008197	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	20	2.100000	0.002648	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	30	7.400000	0.009332	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	40	-2.900000	-0.003657	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	50	1.400000	0.001765	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	-30	4.000000	0.005044	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	-20	-2.300000	-0.002900	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	-10	-2.400000	-0.003026	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	0	5.500000	0.006936	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	10	1.600000	0.002018	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	20	5.900000	0.007440	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	30	2.300000	0.002900	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	40	9.700000	0.012232	PASS
N14	15	10	CP-16QAM	M	Outer_Full	NV	50	3.300000	0.004161	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	-30	4.700000	0.005927	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	-20	-1.700000	-0.002144	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	-10	5.000000	0.006305	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	0	-2.000000	-0.002522	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	10	3.800000	0.004792	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	20	4.000000	0.005044	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	30	4.700000	0.005927	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	40	2.700000	0.003405	PASS
N14	15	10	CP-64QAM	M	Outer_Full	NV	50	1.400000	0.001765	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	-30	5.100000	0.006431	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	-20	3.100000	0.003909	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	-10	6.900000	0.008701	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	0	5.100000	0.006431	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	10	3.800000	0.004792	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	20	3.900000	0.004918	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	30	1.300000	0.001639	PASS
N14	15	10	CP-256QAM	M	Outer_Full	NV	40	8.500000	0.010719	PASS

N14	15	10	CP-256QAM	M	Outer_Full	NV	50	2.300000	0.002900	PASS
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## N25 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	NT	-11.50	-0.01	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	HV	NT	-9.00	0.00	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	LV	NT	-12.40	-0.01	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	NT	-4.90	0.00	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	HV	NT	-8.10	0.00	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	LV	NT	-9.90	-0.01	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	NT	1.50	0.00	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	HV	NT	-7.90	0.00	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	LV	NT	-3.50	0.00	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	NT	-5.90	0.00	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	HV	NT	3.00	0.00	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	LV	NT	-5.60	0.00	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	NT	-4.90	0.00	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	HV	NT	-1.80	0.00	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	LV	NT	-1.50	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	NT	-4.40	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	HV	NT	-3.20	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	LV	NT	-5.30	0.00	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	NT	-4.30	0.00	PASS
N25	15	20	CP-16QAM	M	Outer_Full	HV	NT	-8.70	0.00	PASS
N25	15	20	CP-16QAM	M	Outer_Full	LV	NT	-5.50	0.00	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	NT	-4.40	0.00	PASS
N25	15	20	CP-64QAM	M	Outer_Full	HV	NT	-4.80	0.00	PASS
N25	15	20	CP-64QAM	M	Outer_Full	LV	NT	-4.80	0.00	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	NT	-5.90	0.00	PASS
N25	15	20	CP-256QAM	M	Outer_Full	HV	NT	-1.10	0.00	PASS
N25	15	20	CP-256QAM	M	Outer_Full	LV	NT	-6.00	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-9.100000	-0.004834	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-9.100000	-0.004834	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.000000	-0.004250	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-7.000000	-0.003718	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.000000	-0.002656	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-6.200000	-0.003293	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-5.700000	-0.003028	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.000000	-0.002656	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-12.500000	-0.006640	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-8.400000	-0.004462	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-3.700000	-0.001965	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-10.700000	-0.005684	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	-6.800000	-0.003612	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	-4.900000	-0.002603	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	-4.200000	-0.002231	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	-4.900000	-0.002603	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	-3.300000	-0.001753	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	-3.600000	-0.001912	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-5.100000	-0.002709	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-6.900000	-0.003665	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-7.900000	-0.004197	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	0	-5.200000	-0.002762	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	10	-11.200000	-0.005950	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	20	3.400000	0.001806	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	30	-3.300000	-0.001753	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	40	-4.400000	-0.002337	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	50	-2.700000	-0.001434	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-8.500000	-0.004515	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-10.300000	-0.005471	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-6.200000	-0.003293	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	0	-7.800000	-0.004143	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	10	-6.400000	-0.003400	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	20	-5.000000	-0.002656	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	30	-10.100000	-0.005365	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	40	-6.600000	-0.003506	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	NV	50	-10.300000	-0.005471	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	-30	7.900000	0.004197	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	-20	5.500000	0.002922	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	-10	-4.200000	-0.002231	PASS

N25	15	20	DFT-256QAM	M	Outer_Full	NV	0	-2.000000	-0.001062	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	10	1.100000	0.000584	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	20	2.400000	0.001275	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	30	-1.700000	-0.000903	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	40	-3.400000	-0.001806	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	NV	50	-9.700000	-0.005153	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-30	2.100000	0.001116	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-20	2.500000	0.001328	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-10	3.400000	0.001806	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	0	5.000000	0.002656	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	10	0.500000	0.000266	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	20	-0.700000	-0.000372	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.900000	-0.000478	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.200000	-0.003825	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	50	-4.000000	-0.002125	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	-30	-3.000000	-0.001594	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	-20	-2.800000	-0.001487	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	-10	-5.600000	-0.002975	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	0	-8.800000	-0.004675	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	10	3.900000	0.002072	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	20	-8.800000	-0.004675	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	30	-7.400000	-0.003931	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	40	-6.900000	-0.003665	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	50	-7.100000	-0.003772	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	-30	-2.900000	-0.001541	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	-20	1.200000	0.000637	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	-10	-1.400000	-0.000744	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	0	-1.000000	-0.000531	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	10	-3.300000	-0.001753	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	20	-8.700000	-0.004622	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	30	-4.500000	-0.002390	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	40	-2.200000	-0.001169	PASS
N25	15	20	CP-64QAM	M	Outer_Full	NV	50	-4.800000	-0.002550	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	-30	-4.700000	-0.002497	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	-20	-9.500000	-0.005046	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	-10	2.100000	0.001116	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	0	-6.100000	-0.003240	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	10	-4.300000	-0.002284	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	20	-6.400000	-0.003400	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	30	-9.100000	-0.004834	PASS
N25	15	20	CP-256QAM	M	Outer_Full	NV	40	-1.700000	-0.000903	PASS



N25	15	20	CP-256QAM	M	Outer_Full	NV	50	-5.900000	-0.003134	PASS
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## N26 (814-824) Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SC S	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	NT	-5.20	-0.01	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	HV	NT	-1.60	0.00	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	LV	NT	-4.60	-0.01	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	NT	-1.50	0.00	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	HV	NT	-8.60	-0.01	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	LV	NT	-7.20	-0.01	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	NT	-4.20	-0.01	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	HV	NT	-5.00	-0.01	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	LV	NT	-2.90	0.00	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	NT	-4.40	-0.01	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	HV	NT	-3.60	0.00	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	LV	NT	-1.10	0.00	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	NT	-3.90	0.00	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	HV	NT	-4.30	-0.01	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	LV	NT	-8.10	-0.01	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	NT	-3.50	0.00	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	HV	NT	-2.00	0.00	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	LV	NT	-7.80	-0.01	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	NT	-7.20	-0.01	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	HV	NT	-5.10	-0.01	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	LV	NT	-4.90	-0.01	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	NT	-3.20	0.00	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	HV	NT	-4.00	0.00	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	LV	NT	-6.00	-0.01	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	NT	-8.50	-0.01	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	HV	NT	-5.10	-0.01	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	LV	NT	-4.30	-0.01	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SC S	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	-5.300000	-0.006471	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.500000	-0.007937	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	-7.900000	-0.009646	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.100000	-0.003785	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.600000	-0.006838	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	-4.500000	-0.005495	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.500000	-0.004274	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	5.900000	0.007204	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	0.300000	0.000366	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-7.000000	-0.008547	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-7.200000	-0.008791	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-3.500000	-0.004274	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	0	-8.700000	-0.010623	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	10	-6.400000	-0.007814	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	20	-2.200000	-0.002686	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	30	-10.200000	-0.012454	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	40	4.600000	0.005617	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	50	-6.300000	-0.007692	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-6.200000	-0.007570	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-1.400000	-0.001709	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-5.100000	-0.006227	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	0	-2.200000	-0.002686	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	10	-10.200000	-0.012454	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	20	-3.600000	-0.004396	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	30	-4.000000	-0.004884	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	40	-12.600000	-0.015385	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	50	-8.100000	-0.009890	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	-30	-4.700000	-0.005739	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	-20	-9.500000	-0.011600	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	-10	-3.700000	-0.004518	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	0	-6.100000	-0.007448	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	10	-2.800000	-0.003419	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	20	-5.100000	-0.006227	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	30	-7.400000	-0.009035	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	40	-5.000000	-0.006105	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	NV	50	-5.400000	-0.006593	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	-30	-8.100000	-0.009890	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	-20	-4.300000	-0.005250	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	-10	-2.200000	-0.002686	PASS



N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	0	-4.100000	-0.005006	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	10	-1.700000	-0.002076	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	20	-4.000000	-0.004884	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	30	-6.000000	-0.007326	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	40	-4.300000	-0.005250	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	NV	50	-5.800000	-0.007082	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-30	8.700000	0.010623	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-20	-2.600000	-0.003175	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-10	2.200000	0.002686	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	0	4.600000	0.005617	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	10	-6.500000	-0.007937	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	20	-5.700000	-0.006960	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	30	-2.100000	-0.002564	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	40	-6.300000	-0.007692	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	50	-3.700000	-0.004518	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	-30	-3.800000	-0.004640	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	-20	-3.900000	-0.004762	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	-10	6.600000	0.008059	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	0	-3.300000	-0.004029	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	10	-3.000000	-0.003663	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	20	-3.800000	-0.004640	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	30	-7.100000	-0.008669	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	40	-8.900000	-0.010867	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	NV	50	5.000000	0.006105	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	-30	-9.400000	-0.011477	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	-20	-3.800000	-0.004640	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	-10	-7.900000	-0.009646	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	0	3.300000	0.004029	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	10	-3.200000	-0.003907	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	20	-1.800000	-0.002198	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	30	-4.200000	-0.005128	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	40	-9.500000	-0.011600	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	NV	50	-2.600000	-0.003175	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	-30	-4.700000	-0.005739	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	-20	-5.200000	-0.006349	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	-10	-3.800000	-0.004640	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	0	-4.100000	-0.005006	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	10	-2.100000	-0.002564	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	20	-6.800000	-0.008303	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	30	-3.400000	-0.004151	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	40	3.200000	0.003907	PASS

N26-814-824	15	10	CP-256QAM	M	Outer_Full	NV	50	2.200000	0.002686	PASS
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## N26 (824-849) Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	NT	-13.80	-0.02	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	HV	NT	-16.50	-0.02	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	LV	NT	-16.10	-0.02	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	NT	-11.20	-0.01	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	HV	NT	-9.30	-0.01	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	LV	NT	-12.30	-0.01	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	NT	-8.60	-0.01	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	HV	NT	-10.50	-0.01	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	LV	NT	-10.90	-0.01	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	NT	-11.50	-0.01	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	HV	NT	-9.10	-0.01	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	LV	NT	-10.60	-0.01	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	NT	-7.40	-0.01	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	HV	NT	4.00	0.00	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	LV	NT	-1.70	0.00	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	NT	-5.20	-0.01	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	HV	NT	-8.80	-0.01	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	LV	NT	-4.30	-0.01	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	NT	-3.00	0.00	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	HV	NT	-7.00	-0.01	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	LV	NT	-9.60	-0.01	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	NT	-10.10	-0.01	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	HV	NT	-4.80	-0.01	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	LV	NT	-4.10	0.00	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	NT	-4.90	-0.01	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	HV	NT	-4.10	0.00	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	LV	NT	-4.10	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-16.100000	-0.019247	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-11.200000	-0.013389	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-14.200000	-0.016975	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.000000	-0.005977	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-10.700000	-0.012791	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-11.900000	-0.014226	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.200000	-0.001435	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-8.300000	-0.009922	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-8.200000	-0.009803	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-13.500000	-0.016139	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-2.600000	-0.003108	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-14.100000	-0.016856	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	0	-11.400000	-0.013628	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	10	-7.800000	-0.009325	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	20	-9.400000	-0.011237	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	30	-11.600000	-0.013867	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	40	-8.400000	-0.010042	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	NV	50	-10.500000	-0.012552	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-9.400000	-0.011237	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-9.400000	-0.011237	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-8.900000	-0.010640	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	0	-13.800000	-0.016497	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	10	-11.500000	-0.013748	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	20	-12.200000	-0.014585	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	30	-13.200000	-0.015780	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	40	-11.700000	-0.013987	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	NV	50	-11.800000	-0.014106	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-6.500000	-0.007770	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-15.700000	-0.018769	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-8.200000	-0.009803	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	0	-5.800000	-0.006934	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	10	-4.700000	-0.005619	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	20	-6.800000	-0.008129	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	30	-8.200000	-0.009803	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	40	-7.100000	-0.008488	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	NV	50	-8.300000	-0.009922	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	-30	-4.300000	-0.005140	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	-20	-5.700000	-0.006814	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	-10	-8.500000	-0.010161	PASS

N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	0	-5.100000	-0.006097	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	10	-3.100000	-0.003706	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	20	-2.600000	-0.003108	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	30	-1.200000	-0.001435	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	40	-6.000000	-0.007173	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	NV	50	-2.600000	-0.003108	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-30	3.800000	0.004543	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-20	-12.100000	-0.014465	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-10	-8.500000	-0.010161	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	0	-3.900000	-0.004662	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.200000	-0.005021	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	20	-3.400000	-0.004065	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	30	-5.800000	-0.006934	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	40	-4.000000	-0.004782	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	50	-4.600000	-0.005499	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	-30	-4.500000	-0.005380	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	-20	-4.900000	-0.005858	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	-10	-7.200000	-0.008607	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	0	-2.000000	-0.002391	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	10	-9.900000	-0.011835	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	20	-1.000000	-0.001195	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	30	-1.800000	-0.002152	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	40	-9.700000	-0.011596	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	NV	50	-6.400000	-0.007651	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	-30	-0.700000	-0.000837	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	-20	-7.700000	-0.009205	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	-10	-7.900000	-0.009444	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	0	-1.500000	-0.001793	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	10	-5.800000	-0.006934	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	20	-7.500000	-0.008966	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	30	-4.500000	-0.005380	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	40	-7.500000	-0.008966	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	NV	50	3.800000	0.004543	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	-30	-4.300000	-0.005140	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	-20	-3.900000	-0.004662	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	-10	-5.400000	-0.006455	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	0	-10.300000	-0.012313	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	10	-3.700000	-0.004423	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	20	-1.900000	-0.002271	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	30	-5.500000	-0.006575	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	40	-5.300000	-0.006336	PASS



N26-824-849	15	20	CP-256QAM	M	Outer_Full	NV	50	-2.900000	-0.003467	PASS
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## N30 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	NT	-11.70	-0.01	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	HV	NT	-9.50	0.00	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	LV	NT	-4.70	0.00	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	NT	-4.20	0.00	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	HV	NT	-8.70	0.00	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	LV	NT	-4.50	0.00	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	NT	-11.60	-0.01	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	HV	NT	-4.70	0.00	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	LV	NT	-4.20	0.00	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	NT	-9.00	0.00	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	HV	NT	-7.80	0.00	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	LV	NT	-4.20	0.00	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	NT	-6.50	0.00	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	HV	NT	-9.70	0.00	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	LV	NT	-4.40	0.00	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	NT	-5.40	0.00	PASS
N30	15	10	CP-QPSK	M	Outer_Full	HV	NT	-14.20	-0.01	PASS
N30	15	10	CP-QPSK	M	Outer_Full	LV	NT	-12.80	-0.01	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	NT	-11.80	-0.01	PASS
N30	15	10	CP-16QAM	M	Outer_Full	HV	NT	-5.90	0.00	PASS
N30	15	10	CP-16QAM	M	Outer_Full	LV	NT	-4.50	0.00	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	NT	-12.20	-0.01	PASS
N30	15	10	CP-64QAM	M	Outer_Full	HV	NT	-14.20	-0.01	PASS
N30	15	10	CP-64QAM	M	Outer_Full	LV	NT	-15.50	-0.01	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	NT	-11.30	0.00	PASS
N30	15	10	CP-256QAM	M	Outer_Full	HV	NT	-10.80	0.00	PASS
N30	15	10	CP-256QAM	M	Outer_Full	LV	NT	-10.70	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	-7.500000	-0.003247	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-8.800000	-0.003810	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.400000	-0.002338	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.400000	-0.002338	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	-8.400000	-0.003636	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	-7.500000	-0.003247	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.400000	-0.001039	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	-11.300000	-0.004892	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.300000	-0.002727	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-5.500000	-0.002381	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-8.500000	-0.003680	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-7.500000	-0.003247	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	0	-8.300000	-0.003593	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	10	-5.700000	-0.002468	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	20	-3.100000	-0.001342	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	30	-10.900000	-0.004719	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	40	-9.200000	-0.003983	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	NV	50	-9.600000	-0.004156	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-11.100000	-0.004805	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-3.700000	-0.001602	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-3.800000	-0.001645	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	0	-5.900000	-0.002554	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	10	-6.200000	-0.002684	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	20	-3.200000	-0.001385	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	30	-9.900000	-0.004286	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	40	-7.300000	-0.003160	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	NV	50	-8.500000	-0.003680	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	-30	-0.400000	-0.000173	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	-20	-11.400000	-0.004935	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	-10	-9.300000	-0.004026	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	0	-6.100000	-0.002641	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	10	-5.700000	-0.002468	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	20	-6.200000	-0.002684	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	30	-12.400000	-0.005368	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	40	-4.700000	-0.002035	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	NV	50	-8.800000	-0.003810	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	-30	-5.200000	-0.002251	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	-20	-11.600000	-0.005022	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	-10	-4.700000	-0.002035	PASS



N30	15	10	DFT-256QAM	M	Outer_Full	NV	0	-4.400000	-0.001905	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	10	-7.000000	-0.003030	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	20	-5.100000	-0.002208	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	30	-6.000000	-0.002597	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	40	-10.800000	-0.004675	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	NV	50	-3.800000	-0.001645	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-30	-9.200000	-0.003983	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-20	-12.200000	-0.005281	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-10	-6.500000	-0.002814	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	0	-3.000000	-0.001299	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	10	-8.500000	-0.003680	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	20	-10.900000	-0.004719	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	30	-8.700000	-0.003766	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	40	-7.600000	-0.003290	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	50	-12.100000	-0.005238	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	-30	-9.200000	-0.003983	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	-20	-7.100000	-0.003074	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	-10	-10.000000	-0.004329	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	0	-9.700000	-0.004199	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	10	-12.500000	-0.005411	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	20	-8.700000	-0.003766	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	30	-7.200000	-0.003117	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	40	-15.400000	-0.006667	PASS
N30	15	10	CP-16QAM	M	Outer_Full	NV	50	-10.200000	-0.004416	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	-30	-9.100000	-0.003939	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	-20	-10.700000	-0.004632	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	-10	-10.700000	-0.004632	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	0	-9.200000	-0.003983	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	10	-8.700000	-0.003766	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	20	-4.800000	-0.002078	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	30	-11.400000	-0.004935	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	40	-11.100000	-0.004805	PASS
N30	15	10	CP-64QAM	M	Outer_Full	NV	50	-16.100000	-0.006970	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	-30	-12.000000	-0.005195	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	-20	-8.300000	-0.003593	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	-10	-10.700000	-0.004632	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	0	-4.600000	-0.001991	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	10	-7.400000	-0.003203	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	20	-8.400000	-0.003636	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	30	-7.000000	-0.003030	PASS
N30	15	10	CP-256QAM	M	Outer_Full	NV	40	-15.200000	-0.006580	PASS

N30	15	10	CP-256QAM	M	Outer_Full	NV	50	-6.300000	-0.002727	PASS
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## N38 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	NT	-12.60	0.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	HV	NT	-28.10	-0.01	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	LV	NT	-8.00	0.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	NT	-3.20	0.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	HV	NT	-4.10	0.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	LV	NT	-6.10	0.00	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	NT	-2.00	0.00	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	HV	NT	-6.70	0.00	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	LV	NT	-11.10	0.00	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	NT	-3.30	0.00	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	HV	NT	-11.30	0.00	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	LV	NT	-4.40	0.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	NT	-11.10	0.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	HV	NT	-11.50	0.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	LV	NT	-9.00	0.00	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	NT	-10.20	0.00	PASS
N38	30	40	CP-QPSK	M	Outer_Full	HV	NT	-5.90	0.00	PASS
N38	30	40	CP-QPSK	M	Outer_Full	LV	NT	-13.90	-0.01	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	NT	-7.30	0.00	PASS
N38	30	40	CP-16QAM	M	Outer_Full	HV	NT	-9.10	0.00	PASS
N38	30	40	CP-16QAM	M	Outer_Full	LV	NT	-9.40	0.00	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	NT	-11.20	0.00	PASS
N38	30	40	CP-64QAM	M	Outer_Full	HV	NT	-6.90	0.00	PASS
N38	30	40	CP-64QAM	M	Outer_Full	LV	NT	-12.10	0.00	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	NT	4.00	0.00	PASS
N38	30	40	CP-256QAM	M	Outer_Full	HV	NT	-9.10	0.00	PASS
N38	30	40	CP-256QAM	M	Outer_Full	LV	NT	-12.00	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-12.600000	-0.004855	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-21.600000	-0.008324	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-11.900000	-0.004586	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-11.600000	-0.004470	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-10.100000	-0.003892	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-12.800000	-0.004933	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-9.100000	-0.003507	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-12.500000	-0.004817	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-5.000000	-0.001927	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-9.900000	-0.003815	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-9.600000	-0.003699	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-13.700000	-0.005279	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	0	-7.100000	-0.002736	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	10	-9.700000	-0.003738	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	20	-8.000000	-0.003083	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	30	-17.200000	-0.006628	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	40	-13.800000	-0.005318	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	50	-3.900000	-0.001503	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-11.800000	-0.004547	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-11.800000	-0.004547	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-13.000000	-0.005010	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	0	14.200000	0.005472	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	10	3.900000	0.001503	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	20	-6.800000	-0.002620	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	30	-6.800000	-0.002620	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	40	-3.600000	-0.001387	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	NV	50	-9.800000	-0.003776	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	-30	-10.400000	-0.004008	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	-20	2.600000	0.001002	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	-10	-5.800000	-0.002235	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	0	-16.300000	-0.006281	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	10	-12.700000	-0.004894	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	20	-15.800000	-0.006089	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	30	-10.000000	-0.003854	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	40	-11.300000	-0.004355	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	NV	50	-6.000000	-0.002312	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	-30	-16.600000	-0.006397	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	-20	-8.700000	-0.003353	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	-10	-12.800000	-0.004933	PASS

N38	30	40	DFT-256QAM	M	Outer_Full	NV	0	-20.300000	-0.007823	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	10	-12.300000	-0.004740	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	20	-6.000000	-0.002312	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	30	-11.200000	-0.004316	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	40	-13.600000	-0.005241	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	NV	50	-11.700000	-0.004509	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	-9.200000	-0.003545	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	-15.300000	-0.005896	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	-8.600000	-0.003314	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	-18.100000	-0.006975	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	-10.900000	-0.004200	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	-21.600000	-0.008324	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	-3.900000	-0.001503	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	-7.100000	-0.002736	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	-2.700000	-0.001040	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	-30	2.000000	0.000771	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	-20	-12.800000	-0.004933	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	-10	-7.900000	-0.003044	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	0	0.900000	0.000347	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	10	-5.900000	-0.002274	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	20	-6.000000	-0.002312	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	30	-6.000000	-0.002312	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	40	-9.600000	-0.003699	PASS
N38	30	40	CP-16QAM	M	Outer_Full	NV	50	-5.200000	-0.002004	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	-30	-4.700000	-0.001811	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	-20	-15.400000	-0.005934	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	-10	-5.500000	-0.002119	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	0	-6.500000	-0.002505	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	10	-8.700000	-0.003353	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	20	-9.800000	-0.003776	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	30	-10.700000	-0.004123	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	40	-11.100000	-0.004277	PASS
N38	30	40	CP-64QAM	M	Outer_Full	NV	50	-11.200000	-0.004316	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	-30	-19.100000	-0.007360	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	-20	-14.100000	-0.005434	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	-10	-5.800000	-0.002235	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	0	-14.400000	-0.005549	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	10	-15.000000	-0.005780	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	20	-10.300000	-0.003969	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	30	-7.300000	-0.002813	PASS
N38	30	40	CP-256QAM	M	Outer_Full	NV	40	6.000000	0.002312	PASS



N38	30	40	CP-256QAM	M	Outer_Full	NV	50	4.600000	0.001773	PASS
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## N41 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	NT	-10.30	0.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	HV	NT	-12.00	0.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	LV	NT	-18.20	-0.01	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	NT	-11.20	0.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	HV	NT	-13.40	-0.01	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	LV	NT	-9.00	0.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	NT	-17.00	-0.01	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	HV	NT	-8.30	0.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	LV	NT	-5.70	0.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	NT	-12.40	0.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	HV	NT	-11.10	0.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	LV	NT	-12.00	0.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	NT	-11.00	0.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	HV	NT	-18.10	-0.01	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	LV	NT	-4.90	0.00	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	NT	-9.30	0.00	PASS
N41	30	100	CP-QPSK	M	Outer_Full	HV	NT	-7.50	0.00	PASS
N41	30	100	CP-QPSK	M	Outer_Full	LV	NT	-17.40	-0.01	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	NT	-11.70	0.00	PASS
N41	30	100	CP-16QAM	M	Outer_Full	HV	NT	-3.50	0.00	PASS
N41	30	100	CP-16QAM	M	Outer_Full	LV	NT	-8.00	0.00	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	NT	-6.60	0.00	PASS
N41	30	100	CP-64QAM	M	Outer_Full	HV	NT	-7.30	0.00	PASS
N41	30	100	CP-64QAM	M	Outer_Full	LV	NT	-9.80	0.00	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	NT	-8.60	0.00	PASS
N41	30	100	CP-256QAM	M	Outer_Full	HV	NT	-8.50	0.00	PASS
N41	30	100	CP-256QAM	M	Outer_Full	LV	NT	-14.00	-0.01	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-14.100000	-0.005438	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-10.900000	-0.004204	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-13.100000	-0.005052	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-13.000000	-0.005014	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	5.600000	0.002160	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-1.900000	-0.000733	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.300000	-0.000501	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-8.100000	-0.003124	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-10.900000	-0.004204	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-16.600000	-0.006402	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-16.700000	-0.006440	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-12.000000	-0.004628	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	0	-7.900000	-0.003047	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	10	-15.300000	-0.005901	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	20	-13.800000	-0.005322	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	30	-17.000000	-0.006556	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	40	-12.900000	-0.004975	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	50	-6.700000	-0.002584	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-15.200000	-0.005862	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-14.300000	-0.005515	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-18.800000	-0.007250	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	0	-10.800000	-0.004165	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	10	-18.100000	-0.006980	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	20	-16.200000	-0.006248	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	30	-10.800000	-0.004165	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	40	-18.200000	-0.007019	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	50	-9.000000	-0.003471	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	-30	-12.900000	-0.004975	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	-20	-14.200000	-0.005476	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	-10	-8.200000	-0.003162	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	0	-10.100000	-0.003895	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	10	-6.200000	-0.002391	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	20	-12.800000	-0.004936	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	30	-9.700000	-0.003741	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	40	-12.600000	-0.004859	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	50	-4.100000	-0.001581	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	-30	-11.700000	-0.004512	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	-20	-8.900000	-0.003432	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	-10	-9.400000	-0.003625	PASS



N41	30	100	DFT-256QAM	M	Outer_Full	NV	0	5.900000	0.002275	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	10	-23.200000	-0.008947	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	20	-20.800000	-0.008022	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	30	-12.100000	-0.004666	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	40	-20.700000	-0.007983	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	50	-12.800000	-0.004936	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-8.300000	-0.003201	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-9.600000	-0.003702	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-20.700000	-0.007983	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-7.300000	-0.002815	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-3.900000	-0.001504	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-14.000000	-0.005399	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-14.700000	-0.005669	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-1.800000	-0.000694	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-9.100000	-0.003509	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	-30	-17.000000	-0.006556	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	-20	-9.700000	-0.003741	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	-10	-8.400000	-0.003240	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	0	-12.300000	-0.004744	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	10	-15.200000	-0.005862	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	20	-8.200000	-0.003162	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	30	-4.500000	-0.001735	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	40	-6.600000	-0.002545	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	50	4.800000	0.001851	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	-30	-9.600000	-0.003702	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	-20	3.800000	0.001465	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	-10	-7.600000	-0.002931	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	0	-2.100000	-0.000810	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	10	-5.600000	-0.002160	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	20	-2.100000	-0.000810	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	30	-5.200000	-0.002005	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	40	-7.600000	-0.002931	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	50	-4.200000	-0.001620	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	-30	-10.500000	-0.004049	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	-20	-9.600000	-0.003702	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	-10	-9.000000	-0.003471	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	0	-3.700000	-0.001427	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	10	-13.900000	-0.005361	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	20	-11.400000	-0.004396	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	30	7.100000	0.002738	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	40	-9.900000	-0.003818	PASS

N41	30	100	CP-256QAM	M	Outer_Full	NV	50	-16.100000	-0.006209	PASS
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## N66 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	NT	-8.50	0.00	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	HV	NT	-9.20	-0.01	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	LV	NT	-6.20	0.00	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	NT	5.20	0.00	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	HV	NT	-2.00	0.00	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	LV	NT	-5.90	0.00	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	NT	-9.30	-0.01	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	HV	NT	-3.40	0.00	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	LV	NT	-4.10	0.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	NT	-5.30	0.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	HV	NT	-5.60	0.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	LV	NT	-1.70	0.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	NT	-8.50	0.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	HV	NT	-2.70	0.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	LV	NT	-6.20	0.00	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	NT	-4.20	0.00	PASS
N66	15	40	CP-QPSK	M	Outer_Full	HV	NT	-4.70	0.00	PASS
N66	15	40	CP-QPSK	M	Outer_Full	LV	NT	-5.80	0.00	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	NT	-6.70	0.00	PASS
N66	15	40	CP-16QAM	M	Outer_Full	HV	NT	-5.70	0.00	PASS
N66	15	40	CP-16QAM	M	Outer_Full	LV	NT	-8.10	0.00	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	NT	-7.80	0.00	PASS
N66	15	40	CP-64QAM	M	Outer_Full	HV	NT	-7.70	0.00	PASS
N66	15	40	CP-64QAM	M	Outer_Full	LV	NT	-7.40	0.00	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	NT	-10.40	-0.01	PASS
N66	15	40	CP-256QAM	M	Outer_Full	HV	NT	-7.40	0.00	PASS
N66	15	40	CP-256QAM	M	Outer_Full	LV	NT	-7.80	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.500000	-0.003725	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-10.800000	-0.006189	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.700000	-0.004986	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-1.800000	-0.001032	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.900000	-0.002235	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.600000	-0.003209	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.000000	-0.003438	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-7.200000	-0.004126	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-5.100000	-0.002923	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	-30	-2.500000	-0.001433	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	-20	0.900000	0.000516	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	-10	1.600000	0.000917	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	0	-15.300000	-0.008768	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	10	-5.300000	-0.003037	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	20	-9.600000	-0.005501	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	30	-1.300000	-0.000745	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	40	-2.100000	-0.001203	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	NV	50	-8.000000	-0.004585	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	-30	-3.300000	-0.001891	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	-20	3.600000	0.002063	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	-10	-2.200000	-0.001261	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	0	-1.600000	-0.000917	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	10	-3.300000	-0.001891	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	20	-4.700000	-0.002693	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	30	-5.700000	-0.003266	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	40	-5.100000	-0.002923	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	NV	50	-8.400000	-0.004814	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	-30	-2.200000	-0.001261	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	-20	-1.400000	-0.000802	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	-10	-5.800000	-0.003324	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	0	-5.900000	-0.003381	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	10	-5.400000	-0.003095	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	20	-8.700000	-0.004986	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	30	-5.800000	-0.003324	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	40	-5.600000	-0.003209	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	NV	50	-2.800000	-0.001605	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	-30	-6.300000	-0.003610	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	-20	-3.500000	-0.002006	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	-10	-6.300000	-0.003610	PASS

N66	15	40	DFT-256QAM	M	Outer_Full	NV	0	-9.400000	-0.005387	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	10	-3.400000	-0.001948	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	20	-4.900000	-0.002808	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	30	-11.000000	-0.006304	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	40	-8.100000	-0.004642	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	NV	50	-9.300000	-0.005330	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	-5.800000	-0.003324	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	-12.600000	-0.007221	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	-4.400000	-0.002521	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	-3.600000	-0.002063	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	-4.700000	-0.002693	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	-8.200000	-0.004699	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	-11.400000	-0.006533	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	-7.300000	-0.004183	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	-6.400000	-0.003668	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	-30	-3.400000	-0.001948	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	-20	-9.700000	-0.005559	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	-10	4.300000	0.002464	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	0	-6.200000	-0.003553	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	10	-8.200000	-0.004699	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	20	-3.100000	-0.001777	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	30	-4.500000	-0.002579	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	40	-3.500000	-0.002006	PASS
N66	15	40	CP-16QAM	M	Outer_Full	NV	50	-4.600000	-0.002636	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	-30	-6.000000	-0.003438	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	-20	-2.800000	-0.001605	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	-10	-8.000000	-0.004585	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	0	-4.900000	-0.002808	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	10	-4.400000	-0.002521	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	20	1.000000	0.000573	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	30	-10.900000	-0.006246	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	40	-5.900000	-0.003381	PASS
N66	15	40	CP-64QAM	M	Outer_Full	NV	50	-3.000000	-0.001719	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	-30	-7.500000	-0.004298	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	-20	-4.500000	-0.002579	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	-10	-6.600000	-0.003782	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	0	-5.300000	-0.003037	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	10	-5.000000	-0.002865	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	20	-8.000000	-0.004585	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	30	-3.800000	-0.002178	PASS
N66	15	40	CP-256QAM	M	Outer_Full	NV	40	-7.000000	-0.004011	PASS



N66	15	40	CP-256QAM	M	Outer_Full	NV	50	-6.500000	-0.003725	PASS
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## N71 Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	NT	-11.40	-0.02	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	HV	NT	-12.60	-0.02	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	LV	NT	-13.00	-0.02	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	NT	-10.40	-0.02	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	HV	NT	-13.10	-0.02	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	LV	NT	-13.40	-0.02	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	NT	-12.80	-0.02	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	HV	NT	-11.10	-0.02	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	LV	NT	-11.50	-0.02	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	NT	-9.40	-0.01	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	HV	NT	-11.30	-0.02	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	LV	NT	-14.00	-0.02	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	NT	-7.30	-0.01	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	HV	NT	-7.80	-0.01	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	LV	NT	-9.10	-0.01	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	NT	-7.30	-0.01	PASS
N71	15	20	CP-QPSK	M	Outer_Full	HV	NT	-7.80	-0.01	PASS
N71	15	20	CP-QPSK	M	Outer_Full	LV	NT	-6.40	-0.01	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	NT	-10.00	-0.01	PASS
N71	15	20	CP-16QAM	M	Outer_Full	HV	NT	-8.30	-0.01	PASS
N71	15	20	CP-16QAM	M	Outer_Full	LV	NT	-6.50	-0.01	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	NT	-8.00	-0.01	PASS
N71	15	20	CP-64QAM	M	Outer_Full	HV	NT	-8.40	-0.01	PASS
N71	15	20	CP-64QAM	M	Outer_Full	LV	NT	-7.70	-0.01	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	NT	-7.30	-0.01	PASS
N71	15	20	CP-256QAM	M	Outer_Full	HV	NT	-10.10	-0.01	PASS
N71	15	20	CP-256QAM	M	Outer_Full	LV	NT	-3.20	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-12.300000	-0.018075	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-13.000000	-0.019104	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-9.100000	-0.013373	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-12.400000	-0.018222	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-11.300000	-0.016605	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-14.600000	-0.021455	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.700000	-0.012785	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-12.300000	-0.018075	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-12.200000	-0.017928	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-13.700000	-0.020132	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-10.500000	-0.015430	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-12.000000	-0.017634	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-13.300000	-0.019544	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-14.400000	-0.021161	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-14.400000	-0.021161	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-10.600000	-0.015577	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-13.300000	-0.019544	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-10.800000	-0.015871	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-13.800000	-0.020279	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-12.900000	-0.018957	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-10.500000	-0.015430	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	0	-12.200000	-0.017928	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	10	-15.300000	-0.022483	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	20	-14.000000	-0.020573	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	30	-10.300000	-0.015136	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	40	-12.100000	-0.017781	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	50	-13.800000	-0.020279	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-12.400000	-0.018222	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-8.900000	-0.013079	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-15.400000	-0.022630	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	0	-9.800000	-0.014401	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	10	-12.400000	-0.018222	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	20	-8.900000	-0.013079	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	30	-12.000000	-0.017634	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	40	-13.400000	-0.019691	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	50	-11.400000	-0.016752	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	-30	-4.800000	-0.007054	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	-20	-10.500000	-0.015430	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	-10	-6.200000	-0.009111	PASS



N71	15	20	DFT-256QAM	M	Outer_Full	NV	0	-4.400000	-0.006466	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	10	-10.400000	-0.015283	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	20	-4.500000	-0.006613	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	30	-6.100000	-0.008964	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	40	-7.000000	-0.010287	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	50	-8.900000	-0.013079	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-5.800000	-0.008523	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-7.600000	-0.011168	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.400000	-0.009405	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-8.400000	-0.012344	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-6.800000	-0.009993	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-8.800000	-0.012932	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-5.600000	-0.008229	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-6.100000	-0.008964	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-5.000000	-0.007348	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-30	-5.400000	-0.007935	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-20	-8.600000	-0.012638	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-10	-7.500000	-0.011021	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	0	-6.800000	-0.009993	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	10	-6.800000	-0.009993	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	20	-7.600000	-0.011168	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	30	-6.100000	-0.008964	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	40	-6.500000	-0.009552	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	50	-10.500000	-0.015430	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	-30	-6.100000	-0.008964	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	-20	-10.800000	-0.015871	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	-10	-5.700000	-0.008376	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	0	-8.700000	-0.012785	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	10	-6.500000	-0.009552	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	20	-6.100000	-0.008964	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	30	-7.700000	-0.011315	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	40	-6.400000	-0.009405	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	50	-5.900000	-0.008670	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	-30	-8.400000	-0.012344	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	-20	-6.900000	-0.010140	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	-10	-7.400000	-0.010874	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	0	-8.800000	-0.012932	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	10	-10.600000	-0.015577	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	20	-6.000000	-0.008817	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	30	-5.800000	-0.008523	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	40	-5.400000	-0.007935	PASS

N71	15	20	CP-256QAM	M	Outer_Full	NV	50	-7.100000	-0.010434	PASS
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## N77 (3450-3550) Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	NT	-15.00	0.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	HV	NT	-14.10	0.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	LV	NT	-8.60	0.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	NT	7.20	0.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	HV	NT	-4.10	0.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	LV	NT	-20.80	-0.01	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	NT	-6.00	0.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	HV	NT	-15.50	0.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	LV	NT	-1.80	0.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	NT	-11.20	0.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	HV	NT	-6.20	0.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	LV	NT	6.20	0.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	NT	-13.00	0.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	HV	NT	4.30	0.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	LV	NT	-9.00	0.00	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	NT	-6.50	0.00	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	HV	NT	-6.10	0.00	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	LV	NT	-7.90	0.00	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	NT	9.90	0.00	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	HV	NT	-3.00	0.00	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	LV	NT	6.00	0.00	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	NT	-5.90	0.00	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	HV	NT	-19.90	-0.01	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	LV	NT	-2.80	0.00	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	NT	-8.00	0.00	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	HV	NT	9.30	0.00	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	LV	NT	-6.00	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.900000	0.000829	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-16.200000	-0.004629	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.200000	-0.001486	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	11.100000	0.003171	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.300000	-0.001514	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	14.600000	0.004171	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-14.600000	-0.004171	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.200000	-0.001486	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.100000	-0.001743	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	1.900000	0.000543	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-8.000000	-0.002286	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	13.500000	0.003857	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	8.300000	0.002371	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-12.800000	-0.003657	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	9.200000	0.002629	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	2.700000	0.000771	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-6.800000	-0.001943	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	3.200000	0.000914	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	8.300000	0.002371	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-17.100000	-0.004886	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-3.300000	-0.000943	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	-12.700000	-0.003629	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	16.700000	0.004771	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	9.600000	0.002743	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	-3.400000	-0.000971	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	-12.200000	-0.003486	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	-3.500000	-0.001000	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	-30	-8.300000	-0.002371	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	-20	10.900000	0.003114	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	-10	-15.800000	-0.004514	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	0	6.500000	0.001857	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	10	-18.700000	-0.005343	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	20	5.600000	0.001600	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	30	-12.900000	-0.003686	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	40	-16.300000	-0.004657	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	50	-7.300000	-0.002086	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	-30	14.300000	0.004086	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	-20	16.400000	0.004686	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	-10	-12.100000	-0.003457	PASS

N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	0	5.100000	0.001457	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	10	-6.500000	-0.001857	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	20	-11.200000	-0.003200	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	30	-11.900000	-0.003400	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	40	-7.300000	-0.002086	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	50	-3.800000	-0.001086	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	-9.600000	-0.002743	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	5.700000	0.001629	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-2.300000	-0.000657	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.800000	-0.000514	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	-10.700000	-0.003057	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	15.100000	0.004314	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-13.300000	-0.003800	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	2.200000	0.000629	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	15.500000	0.004429	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	-30	7.000000	0.002000	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	-20	-5.000000	-0.001429	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	-10	6.400000	0.001829	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	0	-11.400000	-0.003257	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	10	-11.600000	-0.003314	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	20	3.400000	0.000971	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	30	-22.800000	-0.006514	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	40	4.300000	0.001229	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	50	-11.300000	-0.003229	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	-30	5.300000	0.001514	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	-20	2.800000	0.000800	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	-10	-6.600000	-0.001886	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	0	-11.500000	-0.003286	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	10	-12.200000	-0.003486	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	20	8.200000	0.002343	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	30	12.200000	0.003486	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	40	-8.200000	-0.002343	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	50	6.200000	0.001771	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	-30	-1.700000	-0.000486	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	-20	-13.800000	-0.003943	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	-10	6.600000	0.001886	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	0	3.000000	0.000857	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	10	3.100000	0.000886	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	20	-5.100000	-0.001457	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	30	-7.400000	-0.002114	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	40	7.300000	0.002086	PASS



N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	50	-7.800000	-0.002229	PASS
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## N77 (3700-3980) Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	NT	-3.30	0.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	HV	NT	-6.10	0.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	LV	NT	4.00	0.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	NT	-4.40	0.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	HV	NT	7.50	0.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	LV	NT	-3.10	0.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	NT	4.70	0.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	HV	NT	-14.50	0.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	LV	NT	6.40	0.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	NT	11.50	0.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	HV	NT	5.50	0.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	LV	NT	13.80	0.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	NT	-8.10	0.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	HV	NT	7.60	0.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	LV	NT	4.20	0.00	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	NT	-2.20	0.00	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	HV	NT	-7.30	0.00	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	LV	NT	-10.00	0.00	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	NT	2.10	0.00	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	HV	NT	-8.30	0.00	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	LV	NT	6.20	0.00	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	NT	-7.60	0.00	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	HV	NT	-7.70	0.00	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	LV	NT	-1.70	0.00	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	NT	-6.80	0.00	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	HV	NT	-10.80	0.00	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	LV	NT	-5.60	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-8.100000	-0.002109	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.000000	-0.001563	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.700000	-0.002266	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.100000	-0.000807	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-8.100000	-0.002109	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	8.200000	0.002135	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.200000	-0.001615	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-11.700000	-0.003047	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-11.300000	-0.002943	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	-30	4.000000	0.001042	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	-20	4.500000	0.001172	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-11.300000	-0.002943	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	0	8.800000	0.002292	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	10	-8.600000	-0.002240	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	20	-11.500000	-0.002995	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	30	-7.000000	-0.001823	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	40	-6.000000	-0.001563	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	NV	50	10.300000	0.002682	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	-30	11.300000	0.002943	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-9.500000	-0.002474	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-2.300000	-0.000599	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	0	-10.000000	-0.002604	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	10	5.900000	0.001536	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	20	-7.500000	-0.001953	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	30	-8.300000	-0.002161	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	40	11.300000	0.002943	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	NV	50	-4.100000	-0.001068	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	-30	11.100000	0.002891	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	-20	4.900000	0.001276	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	-10	7.300000	0.001901	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	0	-8.100000	-0.002109	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	10	-12.500000	-0.003255	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	20	-6.200000	-0.001615	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	30	-0.800000	-0.000208	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	40	18.400000	0.004792	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	NV	50	-11.500000	-0.002995	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	-30	3.400000	0.000885	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	-20	9.300000	0.002422	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	-10	5.900000	0.001536	PASS



N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	0	-12.100000	-0.003151	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	10	-9.900000	-0.002578	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	20	-21.700000	-0.005651	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	30	-16.900000	-0.004401	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	40	5.700000	0.001484	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	NV	50	-9.500000	-0.002474	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	-8.500000	-0.002214	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	-10.900000	-0.002839	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	-9.100000	-0.002370	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	-2.000000	-0.000521	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	-13.600000	-0.003542	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	8.100000	0.002109	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	5.200000	0.001354	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	-20.200000	-0.005260	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	4.600000	0.001198	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	-30	-3.000000	-0.000781	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	-20	-10.600000	-0.002760	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	-10	15.000000	0.003906	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	0	-25.200000	-0.006563	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	10	-8.100000	-0.002109	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	20	-12.700000	-0.003307	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	30	-8.600000	-0.002240	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	40	1.800000	0.000469	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	NV	50	-6.300000	-0.001641	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	-30	11.500000	0.002995	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	-20	13.100000	0.003411	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	-10	-23.400000	-0.006094	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	0	-1.800000	-0.000469	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	10	-6.800000	-0.001771	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	20	-7.500000	-0.001953	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	30	7.300000	0.001901	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	40	10.900000	0.002839	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	NV	50	-11.700000	-0.003047	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	-30	13.200000	0.003438	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	-20	4.700000	0.001224	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	-10	-6.500000	-0.001693	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	0	-8.300000	-0.002161	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	10	7.600000	0.001979	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	20	-16.400000	-0.004271	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	30	-9.900000	-0.002578	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	40	3.900000	0.001016	PASS

N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	NV	50	-13.800000	-0.003594	PASS
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## N78 (3450-3550) Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	NT	16.80	0.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	HV	NT	10.50	0.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	LV	NT	-3.20	0.00	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	NT	6.60	0.00	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	HV	NT	-7.80	0.00	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	LV	NT	-5.40	0.00	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	NT	-10.00	0.00	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	HV	NT	13.80	0.00	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	LV	NT	-4.10	0.00	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	NT	4.40	0.00	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	HV	NT	6.20	0.00	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	LV	NT	-13.90	0.00	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	NT	-11.30	0.00	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	HV	NT	-5.20	0.00	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	LV	NT	-14.10	0.00	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	NT	2.20	0.00	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	HV	NT	-6.40	0.00	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	LV	NT	2.70	0.00	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	NT	2.20	0.00	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	HV	NT	-6.70	0.00	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	LV	NT	-5.80	0.00	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	NT	-11.50	0.00	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	HV	NT	8.40	0.00	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	LV	NT	-9.90	0.00	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	NT	8.60	0.00	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	HV	NT	-1.20	0.00	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	LV	NT	-6.40	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
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Band	SC S	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.500000	-0.001286	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	12.300000	0.003514	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.500000	-0.001286	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-8.900000	-0.002543	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.800000	-0.000800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-8.400000	-0.002400	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.200000	-0.001200	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	6.200000	0.001771	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-9.700000	-0.002771	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-13.900000	-0.003971	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-13.100000	-0.003743	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-2.600000	-0.000743	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-3.500000	-0.001000	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	13.400000	0.003829	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-5.700000	-0.001629	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-12.600000	-0.003600	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-7.200000	-0.002057	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-6.000000	-0.001714	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	10.400000	0.002971	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-20	5.800000	0.001657	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-3.800000	-0.001086	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	5.700000	0.001629	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	-11.500000	-0.003286	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	7.000000	0.002000	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	7.100000	0.002029	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	-4.300000	-0.001229	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	14.000000	0.004000	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	-30	7.600000	0.002171	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	-20	-6.300000	-0.001800	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	-10	-3.100000	-0.000886	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	0	-9.600000	-0.002743	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	10	-10.500000	-0.003000	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	20	-9.100000	-0.002600	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	30	5.700000	0.001629	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	40	-5.800000	-0.001657	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	NV	50	10.000000	0.002857	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	-30	-6.400000	-0.001829	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	-20	-13.800000	-0.003943	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	-10	-6.700000	-0.001914	PASS

N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	0	3.400000	0.000971	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	10	-9.800000	-0.002800	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	20	5.500000	0.001571	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	30	-18.500000	-0.005286	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	40	4.600000	0.001314	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	NV	50	-2.600000	-0.000743	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	-6.700000	-0.001914	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	3.400000	0.000971	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	3.200000	0.000914	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	6.500000	0.001857	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	3.000000	0.000857	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	8.200000	0.002343	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-10.400000	-0.002971	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	-4.200000	-0.001200	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	8.900000	0.002543	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	-30	3.200000	0.000914	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	-20	8.200000	0.002343	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	-10	-11.900000	-0.003400	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	0	-7.600000	-0.002171	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	10	-10.700000	-0.003057	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	20	-15.600000	-0.004457	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	30	-12.400000	-0.003543	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	40	-12.800000	-0.003657	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	NV	50	4.500000	0.001286	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	-30	-7.200000	-0.002057	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	-20	-7.400000	-0.002114	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	-10	-3.700000	-0.001057	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	0	4.100000	0.001171	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	10	5.300000	0.001514	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	20	5.300000	0.001514	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	30	8.800000	0.002514	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	40	11.000000	0.003143	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	NV	50	-6.300000	-0.001800	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	-30	-20.200000	-0.005771	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	-20	4.000000	0.001143	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	-10	2.100000	0.000600	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	0	-15.500000	-0.004429	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	10	-7.900000	-0.002257	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	20	12.400000	0.003543	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	30	4.500000	0.001286	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	40	-11.600000	-0.003314	PASS



N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	NV	50	-15.300000	-0.004371	PASS
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**END OF REPORT**