

Frequency Error vs. Temperature								
Test Mode	Test Bandwidth [MHz]	Test Channel	Modulation	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
TM1	20	LCH	QPSK	VN	-30	-4.65	0	PASS
			QPSK	VN	-20	-7.02	0	PASS
			QPSK	VN	-10	-4.14	0	PASS
			QPSK	VN	0	-4.49	0	PASS
			QPSK	VN	10	-4.46	0	PASS
			QPSK	VN	20	-5.30	0	PASS
			QPSK	VN	30	-6.02	0	PASS
			QPSK	VN	40	-6.20	0	PASS
			QPSK	VN	50	0.26	0	PASS
		MCH	QPSK	VN	-30	5.05	0	PASS
			QPSK	VN	-20	-0.45	0	PASS
			QPSK	VN	-10	-0.19	0	PASS
			QPSK	VN	0	-10.58	0	PASS
			QPSK	VN	10	-0.55	0	PASS
			QPSK	VN	20	-3.47	0	PASS
			QPSK	VN	30	-4.06	0	PASS
			QPSK	VN	40	-3.26	0	PASS
			QPSK	VN	50	-1.81	0	PASS
		HCH	QPSK	VN	-30	-6.95	0	PASS
			QPSK	VN	-20	0.41	0	PASS
			QPSK	VN	-10	-0.40	0	PASS
			QPSK	VN	0	-4.84	0	PASS
			QPSK	VN	10	-1.03	0	PASS
			QPSK	VN	20	3.83	0	PASS
			QPSK	VN	30	-5.11	0	PASS
			QPSK	VN	40	2.36	0	PASS
			QPSK	VN	50	0.36	0	PASS
TM2	5	LCH	16QAM	VN	-30	-2.63	0	PASS
			16QAM	VN	-20	4.00	0	PASS
			16QAM	VN	-10	-3.77	0	PASS
			16QAM	VN	0	1.26	0	PASS
			16QAM	VN	10	-0.79	0	PASS
			16QAM	VN	20	-7.48	0	PASS
			16QAM	VN	30	-10.49	0	PASS
			16QAM	VN	40	-7.45	0	PASS
			16QAM	VN	50	-4.46	0	PASS

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TM2	5	MCH	16QAM	VN	-30	-1.27	0	PASS
			16QAM	VN	-20	-4.57	0	PASS
			16QAM	VN	-10	8.24	0	PASS
			16QAM	VN	0	8.47	0	PASS
			16QAM	VN	10	-0.47	0	PASS
			16QAM	VN	20	8.40	0	PASS
			16QAM	VN	30	-1.44	0	PASS
			16QAM	VN	40	3.95	0	PASS
			16QAM	VN	50	-7.26	0	PASS
		HCH	16QAM	VN	-30	1.61	0	PASS
			16QAM	VN	-20	-0.96	0	PASS
			16QAM	VN	-10	-0.65	0	PASS
			16QAM	VN	0	-3.61	0	PASS
			16QAM	VN	10	-1.11	0	PASS
			16QAM	VN	20	7.23	0	PASS
			16QAM	VN	30	-6.11	0	PASS
			16QAM	VN	40	3.19	0	PASS
			16QAM	VN	50	6.77	0	PASS
	20	LCH	16QAM	VN	-30	-0.59	0	PASS
			16QAM	VN	-20	-5.65	0	PASS
			16QAM	VN	-10	-5.54	0	PASS
			16QAM	VN	0	-1.68	0	PASS
			16QAM	VN	10	-4.02	0	PASS
			16QAM	VN	20	-5.49	0	PASS
			16QAM	VN	30	-1.33	0	PASS
			16QAM	VN	40	-3.27	0	PASS
			16QAM	VN	50	-2.69	0	PASS
		MCH	16QAM	VN	-30	-5.56	0	PASS
			16QAM	VN	-20	5.83	0	PASS
			16QAM	VN	-10	-2.5	0	PASS
			16QAM	VN	0	-0.02	0	PASS
			16QAM	VN	10	-1.03	0	PASS
			16QAM	VN	20	2.85	0	PASS
			16QAM	VN	30	-1.14	0	PASS
			16QAM	VN	40	1.76	0	PASS
			16QAM	VN	50	-1.90	0	PASS

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TM2	20	HCH	16QAM	VN	-30	-6.04	0	PASS
			16QAM	VN	-20	-5.34	0	PASS
			16QAM	VN	-10	-0.95	0	PASS
			16QAM	VN	0	-2.94	0	PASS
			16QAM	VN	10	-4.93	0	PASS
			16QAM	VN	20	-1.85	0	PASS
			16QAM	VN	30	-2.40	0	PASS
			16QAM	VN	40	-3.03	0	PASS
			16QAM	VN	50	-6.85	0	PASS

**End of Test Report**