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# Appendix G

## Frequency Stability

According to FCC Part 2.1055 & Part 22.355



## Frequency Error vs. Temperature:

Test Mode	RF Ch.	Volt.	Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Limit [ppm]	Verdict
TM 1	M	VN	-30 °C	-14	-0.0167	---	±2.5	Pass
			-20 °C	-9	-0.0108	---	±2.5	Pass
			-10 °C	21	0.02509	---	±2.5	Pass
			0 °C	19	0.0227	---	±2.5	Pass
			10 °C	-10	-0.0119	---	±2.5	Pass
			20 °C	-15	-0.0179	---	±2.5	Pass
			30 °C	16	0.01912	---	±2.5	Pass
			40 °C	18	0.02151	---	±2.5	Pass
			50 °C	17	0.02031	---	±2.5	Pass
TM 2	M	VN	-30 °C	15	0.01792	---	±2.5	Pass
			-20 °C	-14	-0.0167	---	±2.5	Pass
			-10 °C	14	0.01673	---	±2.5	Pass
			0 °C	19	0.0227	---	±2.5	Pass
			10 °C	-18	-0.0215	---	±2.5	Pass
			20 °C	-12	-0.0143	---	±2.5	Pass
			30 °C	-9	-0.0108	---	±2.5	Pass
			40 °C	19	0.0227	---	±2.5	Pass
			50 °C	22	0.02628	---	±2.5	Pass



## Frequency Error vs. Voltage:

Test Mode	RF Ch.	Temp.	Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Limit [ppm]	Verdict
TM 1	M	TN	VL	18	0.02151	---	±2.5	Pass
			VN	-14	-0.0167	---	±2.5	Pass
			VH	14	0.01673	---	±2.5	Pass
TM 2	M	TN	VL	21	0.02509	---	±2.5	Pass
			VN	-16	-0.0191	---	±2.5	Pass
			VH	23	0.02748	---	±2.5	Pass

-----The END-----  
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