



FCC Test Report of E397Bu-501R3  
FCC ID: QISE397BU-501R



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## **Appendix G**

# Frequency Stability

According to FCC Part 2.1055 & Part 24.235



## 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	100%	-30 °C	13	0.00692	---	±2.5	Pass
			-20 °C	17	0.00904	---	±2.5	Pass
			-10 °C	-15	-0.00798	---	±2.5	Pass
			0 °C	16	0.00851	---	±2.5	Pass
			10 °C	-14	-0.00745	---	±2.5	Pass
			20 °C	-17	-0.00904	---	±2.5	Pass
			30 °C	-19	-0.01011	---	±2.5	Pass
			40 °C	18	0.00957	---	±2.5	Pass
			50 °C	-10	-0.00532	---	±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	20 °C	85 %	-11	-0.00585	---	±2.5	Pass
			100 %	22	0.01170	---	±2.5	Pass
			115 %	-16	-0.00851	---	±2.5	Pass

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