

Information about the Applicant

Applicant:	Sure Power Industries, Inc.
Address:	10189 SW Avery St
City, State, Zip	Tualatin, OR 97062
Test Requested By:	Lawrence Harmon
Model:	2875352
FCC ID:	SJU2875352
Agent	Northwest EMC, Inc.
Approval Type	Certification
Equipment Type	Low power intentional radiator
Rule Part	15.209

Overview

The transmitter is part of a retro-fit kit mounted on recreational motorized vehicles. Its purpose is to read the maximum permitted ground speed from a separate security device, and pass that information to the integral ground speed controller.

The EUT can be configured with only one integral antenna. The antenna and circuit board are potted to maintain confidentiality of the design and to meet the requirements of 47 CFR 15.203.

Findings

Item	Report does not indicate frequency range of radiated measurements.
Resolution	Report updated to indicate frequency range of radiated measurements.
Item	Schematic shows 15 MHz CLK, as specified by 15.209: In accordance with Section 15.33(a), in some cases the emissions from an intentional radiator must be measured to beyond the tenth harmonic of the highest fundamental frequency designed to be emitted by the intentional radiator because of the incorporation of a digital device. It appears this should be tested to 1 GHz.
Resolution	Equipment is only for vehicle mounting, therefore exempt from the part 15 requirements for a digital device.

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

Signature

Opinion

Specification Requirements	Description
15.207	Conducted Power Line Emissions

Opinion: N/A – Battery powered.

Discussion: The Applicant has submitted test results in the form of a test report.

Reference: N/A

Specification Requirements	Description
15.209	Field Strength of Fundamental

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
15.209	Radiated Spurious Emissions

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
2.1091/15.247(b)(5)	RF Exposure

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted MPE estimates demonstrating compliance.

Reference: RF Exposure Exhibit