



SCHWEITZER ENGINEERING LABORATORIES, INC.

2350 NE Hopkins Court • Pullman, WA 99163-5603 USA
Phone: +1.509.332.1890 • Fax: +1.509.332.7990
www.selinc.com • info@selinc.com

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Dear Application Examiner:

Schweitzer Engineering Laboratories, Inc., SEL-3031, FCC ID R34SEL-3031 is seeking limited modular approval. The radio meets only some of the requirements for modular approval as detailed in FCC 15.212; hence the reason for limited modular approval. Compliance to each of the requirements is described below:

1. **"The modular transmitter must have its own RF shielding."** The radio portion of the module is contained in its own RF shielding. The shielding is installed at the factory. Please see the Internal Photos exhibit.
2. **"The modular transmitter must have buffered modulation/data inputs."** The EUT has buffered data inputs to insure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation. Please see the Schematics exhibit.
3. **"The modular transmitter must have its own power supply regulation."** The EUT has its own power supply regulation to ensure compliance with Part 15 requirements regardless of the quality or level of external DC supplying the module from the host unit. Please see Schematics exhibit.
4. **"The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)."** The EUT meets the FCC antenna requirements for professional installation. The module will only be installed by the grantee in their equipment. Please see Antenna information exhibit and user manual exhibit.
5. **"The modular transmitter must be tested in a stand-alone configuration."** The EUT was not tested in a stand-alone configuration. It was tested in two different enclosures: (1) wall-mount, (2) rack-mount. Please see test setup photos exhibit and technical report exhibit. A Class II Permissive Change authorization will be obtained prior to use in any other enclosure.
6. **"The modular transmitter must be labeled with its own FCC ID number."** The EUT is not labeled with its own FCC ID number. Only the host device is labeled with "Contains FCC ID: R34SEL-3031". The module will only be installed by the grantee in their equipment. Please see FCC ID label & location exhibit.
7. **"The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements."** The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the User Manual.
8. **"The modular transmitter must comply with any applicable RF exposure requirements."** The EUT is compliant with all applicable RF exposure requirements. Please see RF Exposure Exhibit.

Please contact me if you have additional questions. Your attention to this matter is greatly appreciated.

Best regards,

Sam Korslund
Compliance Tech II