



May 7, 2018

Federal Communications Commission
Office of Engineering and Technology
7 435 Oakland Mills Road
Columbia, MD 21046

Ref: Modular Transmitter Approval for ILOX node

The following information is being provided per the requirements of 15.212 regarding modular approval of Part 15 devices. This transceiver is a complete RF module with an integral reference oscillator. External connectors are provided for power and data communication.

The following numbered items correspond to similarly numbered paragraphs in 15.212.

1. The transmitter module has RF shielding through the metal enclosure that it is installed in. The transmitter is always sold in this housing, and LORD is in control of the final assembly. The housing is welded closed when completed.
2. All external data inputs are buffered.
3. There is voltage regulator on board that powers the radio transceiver.
4. An integral antenna or external antenna with a "unique" antenna coupler is used with this module. This is in accordance with Part 15.203.
5. The module was tested in a stand-alone configuration and found to be compliant with Part 15 regulations.
6. An FCC ID label is affixed to each unit at the time of manufacture. Information is also clearly presented in the Integration Guide about labeling requirements for the final assembly.
7. This unit is compliant with Part 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.
8. The unit is compliant with the RF exposure requirements of Parts 15.247 and 2.1091.

A handwritten signature in black ink, appearing to read "Justin Bessette".

Justin Bessette
Engineering Manager