

Modular Approval Request

Applicant: MicroRidge Systems, Inc.
FCC ID: 2ACNQRM2

Date: August 27, 2014

To Whom It May Concern:

Pursuant to Section 15.212(a)(1) of the FCC rules, the Applicant hereby requests for modular approval, compliance with the requirements are addressed below.

Modular Approval Requirements	Justification
i. The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;	The modular transmitter and crystals are covered by an RF shield. The circuit board contains ground planes under the RF shield area.
ii. The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;	The modular transmitter contains buffered modulation/data inputs.
iii. The module must contain power supply regulation on the module;	The modular transmitter contains power supply regulation.
iv. The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);	The modular transmitter contains a permanently attached chip antenna and complies with the FCC requirements
v. The module must demonstrate compliance in a stand-alone configuration;	The modular transmitter was tested in a standalone configuration
vi. The module must be labelled with its permanently affixed FCC ID label, or use an electronic display;	The modular transmitter has permanently etched FCC ID on the top of the RF shield. The user manual includes instructions for exterior labeling when the modular transmitter is installed inside another device.
vii. The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;	The user manual for the modular transmitter provides adequate instructions for usage, power supply requirements and integration into another device..
viii. The module must comply with RF exposure requirements;	The modular transmitter was tested and complies with the applicable RF exposure requirements.

Sincerely,



John P Schuldt
President