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FCC Modular Approval Request

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Company name: Rigado, LLC
FCC ID: 2AA9B04
FCC Part _15_ **Certification**

The table below contains the justification for modular approval of this equipment:

Requirement per KDB 996369	Explanation form grantee
1, 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.	Yes, it is fulfilled. The modular transmitter has its own shielding. Shielding is shown on external photos.
2, 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.	Yes, it is fulfilled. The modular have buffered modulation/data inputs. It is transmitted at 1 Mbps, or 2 Mbps using GFSK modulation
3, The module must contain power supply regulation on the module.	Yes, it is fulfilled. The modular transmitter have its own power supply regulation. (DC 1.7V to 3.6V)
4, 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).	Yes, it is fulfilled. The modular comply with antenna requirements. (PCB antenna)
5, The module must demonstrate compliance in a stand-alone configuration;	Yes, it is fulfilled. The modular was tested in a stand-alone configuration. Please see setup photos and test jig photo.
6, The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements).	Yes, it is fulfilled. The label is shown on transmitter modular, please see the label view.
7, The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee.	Yes, it is fulfilled. The operation description and user guide provides this detail.
8, The module must comply with RF exposure requirements.	Yes, it is fulfilled. The modular is exempted due to its low field strength.

Signature: 

Name: Cam Nichols
Title: Engineer
Company: Rigado, LLC