

FCC Modular Approval Request

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


Company name: Rigado, LLC
FCC ID: 2AA9B05
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. (ceramic chip antenna, 1.0dBi gain max)
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).	<p>BMD-350 package is too small to affix a label or readable text with FCCID. End Integrators are instructed to label host device with the required text: Contains FCC ID: 2AA9B05 and to instruct where to find the FCCID on the product.</p> <p>Per KDB Publication 784748, section 2.2: If the device is unquestionably too small for the FCC ID to be readable (smaller than 4-6 points), the FCC ID may be placed in the user manual. However, it must be determined that the device itself is too small.</p>



Rigado LLC
3950 Fairview Industrial Dr.
Salem, Oregon 97302
866-6-RIGADO ♦ modules@rigado.com
www.rigado.com/modules

	 <p>M/N: BMD-350 FCCID: 2AA9B05</p>	Red box is total available labeling area. Text shows size 4 font. Total device size is 8.7mm by 6.4mm
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