

FCC Modular Approval Request

Federal Communications Commission
Authorization and Evaluation Division

APPLICANT: Horizon Hobby, LLC

REFERENCE FCC ID: BRWDASRX20

Modular approval Requirements Characteristics: FCC Part 15

Request for **Limited Modular Approval (LMA)**. The module will only be installed in products of Horizon Hobby, LLC (Grantee). Hence the control of the end product will be always be maintained, such that full compliance of the end product is always ensured.

Item	Requirement	EUT Justification
1	Have its own RF shielding	Not fulfilled. This is a Limited Modular Approval (LMA)
2	Have buffered modulation/data inputs (if such inputs are provided),	All data communication with the module is digital. A microprocessor then converts the digital information into the analog RF signal.
3	Have it own power supply regulation	The module has in-chip voltage regulation.
4	Meet the antenna requirements of Section 15.203	The module and antenna design is not user serviceable. It utilizes non-standard micro-coaxial connectors and antennas with low gain.
5	Be tested in a stand-alone configuration, i.e., the antenna, AC or DC power and data input/output lines must be connected to the module but, the module must not be inside another case during testing	Device was tested with an DC power supply. It had no additional shielding.
6	Be labeled with its own FCC ID number, and if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The FCC ID label format is included in the filing. The product will always be inside another enclosure during actual use. A label will be placed on the outside of the product if the FCC ID is not visible
7	The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the scope of the regulations.	Frequency selection is controlled by the product's software configuration, which is not user configurable or accessible.
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4).	The modular is exempted due to its low field strength.

This product will not be sold to the general public as a module. It will only be installed in Horizon Hobby products.

Signature:

A handwritten signature in black ink, appearing to read "Michael J. Dunne". The signature is written in a cursive style with a large, stylized initial "M".

Name: Mike Dunne
Title: Executive Vice President Product Divisions
Company : Horizon Hobby, LLC