



L16-088

Date: 3/28/16

Federal Communications Commission  
Authorization and Evaluation Division

RE: Modular Approval Request for FCC ID: 2ADY2RSCSDWUWBM1

To Whom It May Concern:

We are hereby applying for limited modular approval of the above-referenced FCC ID, based on compliance with all of the criteria as detailed below.

Sincerely,

A handwritten signature in black ink, appearing to read "Micah J. Rollins", is written over the printed name.

Micah J. Rollins  
Lead Project Engineer  
Radiation Safety & Control Services, Inc.

**Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212**

Requirement per 15.212	Reference
(i) The radio elements of the modular transmitter must have their own RF shielding.	Shielding is provided by both a metal cover over the circuitry and by a ground plane on the printed wiring board.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	All modulation and data inputs are buffered by circuitry on the transmitter chip.
(iii) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided by external circuitry over the range of 2.8 to 3.6 volts.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The antenna is permanently attached.
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters.	Testing was performed with the module extended outside of the host as shown in the test setup photos.

Requirement per 15.212	Reference
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. 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.	A sample of the host label is provided as an exhibit, showing the FCC identifier of the module.
(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	The module complies fully with the operating requirements of Part 15 section 15.250 as demonstrated in the test report exhibit.
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The modular transmitter is compliant with the operating requirements applicable to the transmitter. The Device is compliant with FCC 15.250.

### Limitations for Third Parties

As a limited Single Modular Transmitter, the integration of the module and qualification of each host device product will be controlled by Radiation Safety & Control Services, Inc. (RSCS). RSCS will only sell or provide completed host products to third parties.

RSCS will **not** provide modules to third parties or enable third parties to integrate the modules.

### Host Product Compliance

Any host product equipment functions not associated with the transmitter module (such as unintentional radiator elements) will be independently tested for compliance. Testing of the host product will be performed with the module installed and operational.

### Integration Instructions

RSCS will maintain product assembly documentation for the Limited Module and host products for use by itself. The Limited Module will not be made available to third parties for integration.