

KarlNet, Inc.
FCC ID: Q7O-0004
 Request for transmitter modular approval

Transmitter Module Characteristics

| Item | Requirements | EUT |
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| 1 | Have its own RF shielding | Radio module is equipped with Metal shielding to cover RF section. See external photos |
| 2 | Have buffered modulation/data inputs (if such inputs are provided), | All inputs to the modules are buffered through logic or microprocessor inputs. |
| 3 | Have its own power supply regulation | Radio module is supplied with filtered 3.3V (See Power to PRA-0009 diagram) Additionally, Radio module adds additional filtering for input power (see schematic) |
| 4 | Meet the antenna requirements of Section 15.203 | EUT has a N-Female connector and guidelines in the User Manual. |
| 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 | EUT was tested outside any enclosure and interface/power lines were connected during test. See setup photos. |
| 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. | Two proposed FCC ID label format are included in the filing. One of label is to be placed on the module and the other label is to be placed on the outside of system. Please see FCC ID label location and format file. |
| 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. | See "User's Guide". |
| 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). | RF Exposure statement is outlined in the "User's Guide". |