

Modular Approval Declaration Letter

| Reason for Amendment (current / obsolete) | Revision History | | Approved Date |
|---|------------------|------|----------------|
| | From | To | |
| Initial Release (Obsolete) | 1.0 | 1.0 | Dec-04-2006 |
| Added IC Modular Letter (Obsolete) | 1.0 | 2.0 | Feb 16 2009 |
| Add LMA and MA option (Obsolete) | 2.0 | 3.0 | April 14 2010 |
| Revised per RSS Gen issue 3.0 (Obsolete) | 3.0 | 4.0 | Jan 12 2011 |
| Removed Foot(2) (obsolete) | 4.0 | 5.0 | July 19 2011 |
| Adding New note per KDB996369 D01 V01R03 (obsolete) | 5.0 | 6.0 | August 29 2011 |
| Updated company template & Added text box (obsolete) | 6.0 | 7.0 | Jan-31-2012 |
| Updated modular requirement (obsolete) | 7.0 | 8.0 | Sept 05 2014 |
| Updated template to meet RSP 100 issue 10 (obsolete) | 8.0 | 9.0 | Nov 20 2014 |
| Updated template to meet RSP 100 issue 11 (obsolete)) | 9.0 | 10.0 | March 19 2015 |
| Revised the Modular Requirement statements (current) | 10.0 | 11.0 | July 28, 2016 |

Shenzhen RADIO IOT Technology Co., Ltd.

09/18/2016

(Embedded HF Module M890) FCC ID : 2AJ08-OEMHFM890 ,

is seeking FCC Authorization as a ☐ *Single Modular transmitter* / ☒ *Single Limited Modular Approval* (Please check one)
The EUT meets the requirements for ☐ *Single Modular approval* / ☒ *Single Limited Modular Approval* (please check one)
as detailed in KDB 996369. Compliance to each of the requirements is described below:

| Item | Modular requirement | Yes | No | Please provide a detailed explanation if the answer is "No." |
|------|---|-----|----|--|
| 1 | Have its own RF shielding | | √ | No, the modular is only a PCB board. |
| 2 | Have buffered modulation/data inputs (if such inputs are provided) | √ | | |
| 3 | The modular transmitter must have its own power supply regulation. | | √ | No, DC 5V is fed from the host. |
| 4 | Meet the antenna requirements of section 15.203 | √ | | |
| 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. | | √ | No, the module was tested in a host configuration. |
| 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. | √ | | |
| 7 | The modular transmitter is manufactured so that the user can not influence the operation of the transmitter that will operate outside of the scope of the regulations. | √ | | |
| 8 | Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. | | √ | No need. |

- Note:
- (1) LMA may be granted when one or more of the requirements in the table above cannot be demonstrated.
LMA will also be issued in those instances where applicants can demonstrate that they will retain control over the final installation of the device, such that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must state that the module is only approved for use when installed in devices produced by a specific manufacturer.
When LMA is sought, the application for equipment certification must specifically state how control of the end product into which the module will be installed, and will be maintained, such that full compliance of the end product is always ensured.
 - (2) Please provide Clear and specific instructions describing the conditions, limitations and procedures for third-parties to use and/or integrate the module into a host device.
 - (3) For non-Software Defined Radio transmitter modules where software is used to ensure compliance of the device, technical description of how such control is implemented to ensure prevention of third party modification must be provided (see KDB 594280).

Note 1: Compliance of a module in its final configuration is the responsibility of the applicant. A host device will not be considered certified if the instructions regarding antenna configuration provided in the original description, of one or more separately certified modules it contains, were not followed.

Example: A separately certified low-power transceiver module using Bluetooth technology which is housed in a desktop computer, laptop or peripheral does not require the overall system to be recertified, if the desktop computer, laptop or peripheral, as a stand-alone unit, complies with all applicable technical standards.

Client's signature

George. niu

George Niu / Technical Director

0755 86224715 / 20/F A1-A2 GuangCaiXinTianDi Bldg., No.2002 Nanshan Road, Shenzhen, 518052, China

(Shenzhen RADIO IOT Technology Co., Ltd.)

LMA Declaration Letter

We, (Shenzhen RADIO IOT Technology Co., Ltd.), declare that we will retain control over the final installation of the device, (FCC ID: 2AJQ8-OEMHFM890) so that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must be only approved for use when installed in devices produced by a specific manufacturer.

Client's signature



George Niu / Technical Director

0755 86224715 / 20/F A1-A2 GuangCaiXinTianDi Bldg., No.2002 Nanshan Road, Shenzhen, 518052, China