

Shenzhen Rakwireless Technology Co., Ltd.
RM1007, Hangsheng Technology Building, 4th South Gaoxing Avenue,
Science and Technology Park, Nanshan District, Shenzhen, China
Tel: +8675586152201 Fax: +8675586152201
E-mail: farce.chen@rakwireless.com

Modular Approval Letter

2017-3-30

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Dear Application Examiner,

Shenzhen Rakwireless Technology Co., Ltd. is submitting this application for certification of their LoRa Module under FCC ID: 2AF6B-RAKSMR006. It is seeking modular approval. The radio meets the requirements for modular approval as detailed in FCC 15.212. Compliance to each of the requirements is described below:

1. "The modular transmitter must have its own RF shielding."

The module has a RF shielding. Please refer to the photos.

2. "The modular transmitter must have buffered modulation/data inputs."

Buffered data inputs stage has been integrated in chip (Model: RAK811)

3. "The modular transmitter must have its own power supply regulation."

DC 3.3V supplied by system

4. "The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)."

The module has one 863MHZ-928MHZ rubber stubby antenna with SMA male straight.

5. "The modular transmitter must be tested in a stand-alone configuration."

The EUT was tested in a stand-alone configuration.

6. "The modular transmitter must be labeled with its own FCC ID number."

The module will be labeled with its own FCC ID number. Please see FCC ID label & location exhibit

7. "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements."

The necessary explanation to be complied with this requirement is contained in the use manual, and please refers to the Use manual.

8. "The modular transmitter must comply with any applicable RF exposure requirements."

The EUT will comply with any applicable RF exposure requirements in its final configuration.

Sincerely,

Signature:

Xifa Chen
Engineer

