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Modular Approval Letter

Date: 2022-4-11

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

We, Zhejiang Rexense IoT Technology Co., Ltd., hereby request Modular Approval for Product: Zigbee Module (Model number: REX3B21, FCC ID: 2AOE2-REX3B21). The EUT meets the requirement for modular approval as detailed in FCC 15.212. the requirements is described below:

1. The modular has RF shielding, please refer to the EUT photo.
2. The modular transmitter has buffered modulation/data inputs, Buffered data inputs stage has been integrated in chip (Model: EFR32MG21).
3. The Module uses the chip EFR32MG21 with built-in power management components, the module rated power is 3.3V power, Refer to schematics.
4. Comply with the antenna requirements of Section 15.203 and 15.204(c), the modular have a PCB antenna permanently attached to the module, the maximum gain is 1.78dBi.
5. The EUT was tested in a stand-alone configuration, please refer to setup photos exhibit for details.
6. The module labeled with its own FCC ID.
7. 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. The necessary explanation to be complied with this requirement is contained in the user manual, and please refers to the User Manual.
8. The EUT comply with FCC §15.247 (i) & §1.1310 & §2.1091 RF exposure requirements.



Client's Signature:

Client's Name/Title: Zhishun Wu/Sales Manager