

Shenzhen Jingcai Intelligent Co., Ltd.

Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date: 2025/8/29

Subject: Modular Transmitter Application

Company name: Shenzhen Jingcai Intelligent Co., Ltd.

FCC ID: 2BRXA-ESP32P4-M3-C6

Dear Sir/Madam,

This letter includes the FCC application requirements for Modular Transmitter Approval Request for:-

FCC KDB 996369 D01 'Module Certification Guide v02; and

FCC KDB 996369 D03 OEM Manual v01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID:2BRXA-ESP32P4-M3-C6 has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01	Explanation from Grantee (do not write yes/no, but explain why product complies/how it is achieved)
The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly.	The module have a metal shielded shell, except for an indicator light and necessary external solder joints, all inside the shielded shell
The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal.	The modular transmitter have buffered modulation/data inputs.
The module must contain power supply regulation on the module.	The modular transmitter have its own power supply regulation.
The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).	The modular transmitter comply with the antenna requirements of Section 15.203 and 15.204(c). The antenna either be permanently attached.
The module must demonstrate compliance in a stand-alone configuration.	The module can be configured independently and meets the requirements
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The FCC ID on the product: 2BRXA-ESP32P4-M3-C6
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	The operationg requirements and instructions how to implement this module are described in the user manual.
The module must comply with RF exposure requirements	The module is Part 15 Low Power Communication Device Transmitter out power is 20.51 dBm(112.46mW), so the modular transmitter comply with any applicable RF exposure requirements.

Name: Pei Zhang

Date: 2025/8/29

Title: manager

Signature of applicant

