

Shanghai Mijia Electronics Technology Co., Ltd.
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Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date: May 19, 2025

Subject: **Modular Transmitter Application**

Company name: Shanghai Mijia Electronics Technology Co., Ltd.

FCC ID: 2BOIX-M201

Dear Sir/Madam,

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

FCC KDB 996369 D01 'Module Certification Guide v04r02; and
FCC KDB 996369 D03 OEM Manual v01r01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v04r02'. FCC ID: 2BOIX-M201 has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01 Module Certification Guide v04r02	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 has its own RF shielding
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 has buffered data inputs, it is integrated in chip
The module must contain power supply regulation on the module.	The modular has buffered data inputs, it is integrated in chip
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).	Antenna connector is unique

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The module must demonstrate compliance in a stand-alone configuration.	All power lines derived from the host device are regulated before energizing other circuits internal
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The label is independent fixed
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	compliant with all applicable FCC rules. Detail instructions are given in the User Manual
The module must comply with RF exposure requirements	approved to comply with the applicable RF exposure requirement, please see the MPE evaluation with 20cm as the distance restriction.

Integration Instructions for host product manufacturers

The following items are submitted in support of application for Modular Transmitter FCC ID as noted above as required by the FCC KDB 996369 D03 OEM Manual v01r01.

These items are provided as integration instructions for host product manufacturers (e.g., OEM instruction manual) to use when integrating a module in a host product.

Any requirements that are not applicable to the Module are as indicated below.

Summary of requirements and Checklist. Refer to the KDB for description of the complete requirements;

KDB Ref Sect	Requirements of KDB 996369 D03 OEM Manual v01r01	User Manual Page Number reference
2.2	List of applicable FCC rules	35
2.3	Summarize the specific operational use conditions	35
2.4	Limited module procedures	35
2.5	Trace antenna designs	35
2.6	RF exposure considerations	35
2.7	Antennas	35
2.8	Label and compliance information	35
2.9	Information on test modes and additional testing requirements	35
2.10	Additional testing, Part 15 Subpart B disclaimer	36

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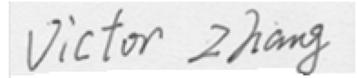
e-mail: zhigui_zhang@mijiatech.cn

Name: Victor Zhang

Date: May 19, 2025

Title: CEO

Signature of applicant:

A handwritten signature in black ink that reads "Victor Zhang". The signature is written in a cursive style with a clear 'V' at the beginning and a 'Z' at the end.