

# Jiangsu Yibo Intelligent Technology Co., Ltd

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

Date: Aug. 27, 2024

Subject; **Modular Transmitter Application**

**Company name:** Jiangsu Yibo Intelligent Technology Co., Ltd  
**FCC ID:** 2BKBY-YBZN1120

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 2BKBY-YBZN1120 has been examined against the following requirements.

<b>Requirement per 15.212 and KDB 996369 D01</b>	<b>Explanation from Grantee</b> (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.	Yes. There is a welded shielding case on the module.
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.	Yes. The module have buffered modulation/ data input.
The module must contain power supply regulation on the module.	Yes, The input voltage is 3.3V±0.3
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).	Yes, The modular transmitter have a PCB antenna arrangement for BT, BLE. Refer to EUT photo.
The module must demonstrate compliance in a stand-alone configuration.	Yes, The modular transmitter is connected to the controlled board when testing. Please refer to Test photo.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes. The lable has an FCC ID and is permanently attached to the module
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	Yes, The module complies fully with the operating requirements of Part 15C section [15.249&15.209] as demonstrated in the test report exhibit.

# Jiangsu Yibo Intelligent Technology Co., Ltd

The module must comply with RF exposure requirements	Yes, This module operates under Part 15 section [15.249], the module complies radiated MPE requirement. Refer to UNIA24072702ER-63 FCC MPE.
--	---

## 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 v01.

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	User Manual Page Number reference
2.2	List of applicable FCC rules	P1
2.3	Summarize the specific operational use conditions	P1
2.4	Limited module procedures	P1
2.5	Trace antenna designs	P1
2.6	RF exposure considerations	P1
2.7	Antennas	P2
2.8	Label and compliance information	P2-P3
2.9	Information on test modes and additional testing requirements	P3
2.10	Additional testing, Part 15 Subpart B disclaimer	P3

**Name:** Mike Gao

**Date:** Aug. 27, 2024

**Title:** Manager

**Signature of applicant** *Mike Gao*