

Guangzhou Shikun Electronics Co., Ltd

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

Date: 2021/5/25

Subject; **Modular Transmitter Application**

Company name: Guangzhou Shikun Electronics Co., Ltd
FCC ID: 2AR82-SKIWB921AU1

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 2AR82-SKIWB921AU1 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.	Yes, the module has a shield cover.
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 module is installed on the development board. The development board is connected to the computer through USB cable. The computer makes the module enter the test mode through software and instructions.
The module must contain power supply regulation on the module.	Yes, the module contains power supply regulation on the module.
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 module contains a unique antenna connector.
The module must demonstrate compliance in a stand-alone configuration.	Yes, it is fulfilled. The modular transmitter has PCB antenna.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes, the module is labeled with its permanently affixed FCC ID label.
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, it is fulfilled. The modular transmitter was tested in a stand-alone configuration.

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The module must comply with RF exposure requirements	Yes, it is fulfilled. The label is shown on the modular transmitter.
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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	
2.3	Summarize the specific operational use conditions	
2.4	Limited module procedures	
2.5	Trace antenna designs	
2.6	RF exposure considerations	
2.7	Antennas	
2.8	Label and compliance information	
2.9	Information on test modes and additional testing requirements	
2.10	Additional testing, Part 15 Subpart B disclaimer	

Name: Bing Yi

Date: 2021/5/25

Title: Certification Engineer

Signature of applicant

