

Guangzhou Shirui Electronics Co., Ltd

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

Date: 2025-9-18

Subject; **Modular Transmitter Application**

Company name: Guangzhou Shirui Electronics Co., Ltd
FCC ID: 2AFG6-SRTNFC03

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 2AFG6-SRTNFC03 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, 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, module have buffered modulation/data inputs
The module must contain power supply regulation on the module.	Yes, The input voltage is 5V/500mA
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, is the pcb Loop antenna
The module must demonstrate compliance in a stand-alone configuration.	The module can work independently under DC power supply
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, To pass all tests of Part 15C and Part 15E
The module must comply with RF exposure requirements	Yes, refer to JCF250806051-003 MPE

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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	P13
2.3	Summarize the specific operational use conditions	P13
2.4	Single module procedures	P14
2.5	Trace antenna designs	P14
2.6	RF exposure considerations	P14
2.7	Antennas	NA
2.8	Label and compliance information	P14
2.9	Information on test modes and additional testing requirements	P14
2.10	Additional testing, Part 15 Subpart B disclaimer	P14
2.11	Note EMI considerations	P14-P15
2.12	How to make changes	P15

Name: Sarah Sun

Date: 2025-9-18

Title: Regulatory Engineer

Signature of applicant:

