

Hua Shu Communication (Shenzhen) Co., Ltd.

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

Date: 2022-07-13

Subject: **Modular Transmitter Application**

Company name: **Huashu communication (Shenzhen) Co., Ltd**
FCC ID:

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 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. Cover rf devices with a metal 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.	YES. Write programs and data through a dedicated serial port tool.
The module must contain power supply regulation on the module.	YES. Chip peripheral device resistance protection, inductance and capacitance filter. And chip internal voltage regulator, to ensure the safety of power supply.
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 is equipped with onboard antenna and antenna connector, which can be switched by changing the position of resistance.
The module must demonstrate compliance in a stand-alone configuration.	YES. Chip Internal and external circuits of the chip ensure the stability of the power supply.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	YES. Label the button with FCC ID on the shield cover.
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 chip manufacturer's default transmission power control and hardware and software design meet the certification requirements
The module must comply with RF exposure requirements	YES. Through the module hardware design and metal shield cover to ensure compliance with the requirements

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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	30
2.3	Summarize the specific operational use conditions	31
2.4	Limited module procedures	31
2.5	Trace antenna designs	31
2.6	RF exposure considerations	32
2.7	Antennas	32
2.8	Label and compliance information	32
2.9	Information on test modes and additional testing requirements	32
2.10	Additional testing, Part 15 Subpart B disclaimer	33

Name: Zeng chaodong

Date: July 13 , 2022

Title: Product Manager

Signature of applicant: 