

Wuhan Yixin Technology Co., Ltd

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

Date:

Subject; **Modular Transmitter Application**

Company name: Wuhan Yixin Technology Co., Ltd

FCC ID: 2A88A-MK16

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:2A88A-MK16** 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.	The radio portion has his own shielding (see external photos)
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.	This has been integrated in the chipset.
The module must contain power supply regulation on the module.	This is integrated.
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).	The module comes with two antennas options (PCB Antenna for Model MK16A, External antenna For Model MK16B
The module must demonstrate compliance in a stand-alone configuration.	Please refer to test set up configuration photo.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The module has its own label. The instruction for labelling rules for the host device has been stated in the user's manual

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The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	The required FCC rules has been fulfilled and all instructions for maintaining compliance has been clearly stated in the user's manual
The module must comply with RF exposure requirements	The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 5mm between the radiator and your body.

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	Page 20
2.3	Summarize the specific operational use conditions	Page 20
2.4	Limited module procedures	Page 20
2.5	Trace antenna designs	Page 20
2.6	RF exposure considerations	Page 20
2.7	Antennas	Page 21
2.8	Label and compliance information	Page 21
2.9	Information on test modes and additional testing requirements	Page 21
2.10	Additional testing, Part 15 Subpart B disclaimer	Page 21

Name: Yangkun Huang

Date: 2022-01-05

Title: Product manager

Signature of applicant:

Yangkun Huang