

HANGZHOU YAGUAN TECHNOLOGY CO.,LTD

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

Date:

Subject: **Modular Transmitter Application**

Company name: HANGZHOU YAGUAN TECHNOLOGY CO.,LTD
FCC ID: 2AYYQ-YGC-C302

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:2AYYQ-YGC-C302 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,it is fulfilled The modular transmitter has its own shielding.
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,it is fulfilled.The modular transmitter have buffered modulation/data inputs. 802.11b: 11, 5.5, 2.1 Mbps; 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps; 802.11n: 72.2Mbps(HT20),140Mbps(HT40); GFSK for (1Mbps), $\pi/4$ -DQPSK for (2Mbps),8DPSK for (3Mbps) modulation.
The module must contain power supply regulation on the module.	Yes,it is fulfilled The modular transmitter has its own power supply regulation. (DC 3.3V by USB port.)
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,it is fulfilled The modular transmitter has PCB antenna.
The module must demonstrate compliance in a stand-alone configuration.	Yes,it is fulfilled.The modular transmitter was tested in a stand-alone configuration.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748)	Yes,it is fulfilled.The label is shown on the modular transmitter.

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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.	Yes,it is fulfilled This content has been included in operation description and user guides.
The module must comply with RF exposure requirements	Yes,it is fulfilled This content has been included in operation description and user guides.

Name: Zhang Zhiran

Date: 2021-3-22

Title:Engineer

Signature of applicant:

Zhang Zhiran