

Shenzhen yitaxin electronic co.LTD

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

Date:

Subject; **Modular Transmitter Application**

Company name: Bluetooth wireless transceiver module(YTX51822-S02)

FCC ID: 2BAPS-YTX51822-S02

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: **2BAPS-YTX51822-S02** 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 modular has own shielding 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, The modular transmitter have buffered modulation/data inputs.
The module must contain power supply regulation on the module.	Yes, The modular transmitterhave its own power supply regulation.
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 modular transmitter comply with the antenna requirements of Section 15.203 and 15.204(c). The antenna either be permanently attached.
The module must demonstrate compliance in a stand-alone configuration.	Yes, The module can be configured independently and meets the requirements
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes, The FCC ID on the product: 2BAPS-YTX51822-S02
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 module complies fully with the operating requirements of Part 15 section as demonstrated in the test report.
The module must comply with RF exposure requirements	Yes, The modular transmitter complies with this requirement, please refer to RF exposure report.

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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	P6
2.3	Summarize the specific operational use conditions	P6
2.4	Limited module procedures	P6
2.5	Trace antenna designs	P7
2.6	RF exposure considerations	P7
2.7	Antennas	P7
2.8	Label and compliance information	P8
2.9	Information on test modes and additional testing requirements	P8
2.10	Additional testing, Part 15 Subpart B disclaimer	P8

Name: Deng zhengyuan

Date: Jun. 26, 2023

Title: juridical person

Signature of applicant:

zhengyuan Deng