

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

Date:

Subject: **Modular Transmitter Application**

**Company name:** Guangdong Bestcore Internet of Things Technology Co.,Ltd.

**FCC ID:** 2AW3Q-BC213

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 2AW3Q-BC213 has been examined against the following requirements.

| <b>Requirement per 15.212 and KDB 996369 D01</b>   | <b>Explanation from Grantee</b><br>(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 can be seen from the EUT that the RF is shielded, see the report photo   |
| 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, with buffer modulation, see schematic.  |
| The module must contain power supply regulation on the module.   | Yes, there is an independent power supply, see schematic.  |
| 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 EUT has a Ceramic antenna, and the antenna use a permanently attached antenna which is not replaceable.                       |
| The module must demonstrate compliance in a stand-alone configuration.   | Yes, the EUT is tested with a test board, see report and installation photos.  |
| The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).   | Yes, see the instruction manual for instructions on how to use the label on the product.   |
| 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 EUT complies with all applicable FCC rules, detailed instructions for maintaining compliance can be found in the user manual. |
| The module must comply with RF exposure requirements   | Yes, modules meet RF exposure requirements the very low operating power.   |

## 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                                  | P7-P8                             |
| 2.3          | Summarize the specific operational use conditions             | P7-P8                             |
| 2.4          | Limited module procedures                                     | P10                               |
| 2.5          | Trace antenna designs   | P10-P11                           |
| 2.6          | RF exposure considerations                                    | P11                               |
| 2.7          | Antennas  | P11-P12                           |
| 2.8          | Label and compliance information                              | P12                               |
| 2.9          | Information on test modes and additional testing requirements | P12                               |
| 2.10         | Additional testing, Part 15 Subpart B disclaimer              | P13                               |

Name: Zhou xiao fei

Date: 2022.6.17

Title: Project manager

Signature of applicant

