

Shenzhen Daxia Longque Technology Co., Ltd

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

Date: **2024-10-30**

Subject: **Modular Transmitter Application**

Company name: Shenzhen Daxia Longque Technology Co., Ltd
FCC ID:2BLPG-DX-WF24

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:2BLPG-DX-WF24 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 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.	Yes, it has been integrated in the chipset
The module must contain power supply regulation on the module.	Yes, it 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).	Yes, the two module comes with two antennas (PCB Antenna For Model MK07A, External antenna For Model MK07B) . The spurious emission requirements are fulfilled (see attached test report).
The module must demonstrate compliance in a stand-alone configuration.	Yes, Please referring 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).	Yes, The module has its own label. The instruction for labelling rules for the host device has been stated in the users manual
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 required FCC rules has been fulfilled and all instructions for maintaining compliance has been clearly stated in the users manual

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The module must comply with RF exposure requirements	Yes, 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.
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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	27
2.3	Summarize the specific operational use conditions	27
2.4	Limited module procedures	27
2.5	Trace antenna designs	27
2.6	RF exposure considerations	27
2.7	Antennas	28
2.8	Label and compliance information	28
2.9	Information on test modes and additional testing requirements	28
2.10	Additional testing, Part 15 Subpart B disclaimer	28

Name: Juan Luo

Date: 2024-10-30

Title: manager

Signature of applicant

