

Xi'an 8Bit Information Technology Co., Ltd.

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

Date: May. 7, 26

Subject; **Modular Transmitter Application**

Company name: Xi'an 8Bit Information Technology Co., Ltd.

FCC ID: 2BGK68BIT-LW02H

Dear Sir/Madam,

This letter includes the FCC application requirements for Modular Transmitter Approval Request for;-

FCC KDB 996369 D01 'Module Certification Guide v04r02; and
FCC KDB 996369 D03 OEM Manual v01r01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID 2BGK68BIT-LW02H 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 module has a metal shield. Refer to the external photo of EUT.
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.	Data to the modulation circuit is buffered as described in the operational description provided with the application.
The module must contain power supply regulation on the module.	The module contains its own power supply regulation. Please refer to schematic filed with this application.
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).	FPC antenna, which permanently attached the module. Refer to the photo of EUT.
The module must demonstrate compliance in a stand-alone configuration.	The module was tested standalone as shown in test setup photographs filed with this application.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The FCC ID is printed on the label of the module. Refer to the label of EUT.
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 module comply with all specific rules. Refer to the user Manual.

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The module must comply with RF exposure requirements	Please refer exhibition RF Exposure for the compliance of MPE RF exposure rule.
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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 v01r01.

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	13
2.3	Summarize the specific operational use conditions	13
2.4	Limited module procedures	13
2.5	Trace antenna designs	13
2.6	RF exposure considerations	13
2.7	Antennas	14
2.8	Label and compliance information	14
2.9	Information on test modes and additional testing requirements	14
2.10	Additional testing, Part 15 Subpart B disclaimer	14
2.11	Note EMI Considerations	14
2.12	How to make changes	14

Name: shang jianfeng

Date: May. 7, 26

Title: Manager

Signature of applicant

Shang jianfeng