

Shenzhen Bilian Electronic Co.,Ltd.

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

Date:

Subject; **Modular Transmitter Application**

Company name: Shenzhen Bilian Electronic Co.,Ltd.

FCC ID:2AL6KBL-M8852BS2

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 2AL6KBL-M8852BS2 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, this module has RF 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, The module has it's own buffered modulation/data inputs unit.
The module must contain power supply regulation on the module.	Yes, The module has power supply circuitry.
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 module contain a unique antenna connector
The module must demonstrate compliance in a stand-alone configuration.	YES, The module compliance 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, The label is pasted on the bottom of the module.
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 compliance all conditions provided in the integration instructions by the grantee.

The module must comply with RF exposure requirements	Yes, Transmitter meets MPE calculation of 47CFR 1.1307.Refer to MPE Reports and Refel to modular installation manual
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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	This product compliance with FCC Part 15C section 15.249, section 15.203,section 15.207,section 15.209, section 15.215.
2.3	Summarize the specific operational use conditions	This product has one Integral antenna
2.4	Limited module procedures	This product is a limited module
2.5	Trace antenna designs	This product without trace antenna designs
2.6	RF exposure considerations	Trace antenna designs compliance RF exposure limits
2.7	Antennas	This product has an Integral antenna
2.8	Label and compliance information	The host system using this module , should label in a visible area indicated the following texts: "Contains FCC ID : 2AL6KBL-M8852BS2"
2.9	Information on test modes and additional testing requirements	Data transfer module demo can control the EUT works in RF test mode and specified channel
2.10	Additional testing, Part 15 Subpart B disclaimer	Yes, The module compliance with RF exposure requirements

Name: Yi Hsiang Wang

Date: 2023.12.25

Title: Project Manager

Signature of applicant *Yi Hsiang Wang*