

SHENZHEN NEWBIT INFO TECHNOLOGY CO.,LTD.

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

Date: 06.13.2025

Subject: **Modular Transmitter Application**

Company name: SHENZHEN NEWBIT INFO TECHNOLOGY CO.,LTD.
FCC ID: 2A8QD-XY-MBO6BA

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 2A8QD-XY-MBO6BA 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 frequency circuitry shielded
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 comply with Part 15 requirements
The module must contain power supply regulation on the module.	Yes, The module contain 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 module contain a permanently attached antenna, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)
The module must demonstrate compliance in a stand-alone configuration.	Yes, the module compliance in a standalone configuration
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes, The module labelled with its permanently affixed FCC ID label
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 comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee

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The module must comply with RF exposure requirements	Yes, The module comply with RF exposure requirements
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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	Page 26
2.3	Summarize the specific operational use conditions	Page 26
2.4	Limited module procedures	Page 26
2.5	Trace antenna designs	Page 26
2.6	RF exposure considerations	Page 24
2.7	Antennas	Page 26
2.8	Label and compliance information	Page 26
2.9	Information on test modes and additional testing requirements	Page 26
2.10	Additional testing, Part 15 Subpart B disclaimer	Page 26
2.11	Note EMI Considerations	Page 26
2.12	How to make changes	Page 26

Name: Allen Huang Date: 06.13.2025

Title: Manager

Signature of applicant *Allen Huang*