

Shenzhen MiaoMing Intelligent Technology Co., Ltd  
3rd Floor, Building 2, No. 1310 Guangguan Road, Kukeng Community, Guanlan Street,  
Longhua District, Shenzhen, China  
Federal Communications Commission  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia, MD 21046  
USA

Date: Feb. 05, 2026

Subject; **Modular Transmitter Application**

**Company name: Shenzhen MiaoMing Intelligent Technology Co., Ltd**  
**FCC ID: 2AXHE-WD8800D80V30**

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: 2AXHE-WD8800D80V30 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.                          | Shielding is provided by a metal cover over the circuitry.                                                                                                                                 |
| 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.                                                                  | All modulation and data inputs are buffered by circuitry on the transmitter chip.                                                                                                          |
| The module must contain power supply regulation on the module.                                                                                                                                                       | Power supply regulation is provided by circuitry on the transmitter chip.                                                                                                                  |
| 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). | It is Columnar Antenna.                                                                                                                                                                    |
| The module must demonstrate compliance in a stand-alone configuration.                                                                                                                                               | Testing was performed in a stand-alone configuration as shown in the test setup photos.                                                                                                    |
| The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).                                                                                     | The modular was labelled with its own FCC ID. The outside of device in to which the module is installed will labelled Contains TX FCC ID: 2AXHE-WD8800D80V30, Please refer to User 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.                                                  | The modular is comply with all applicable FCC rules.<br>Any modifications, not expressly approved by the manufacturer could void the authority to operate in these regions.                |

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|                                                      |                                                                                                                                        |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| The module must comply with RF exposure requirements | This module operates under Part 15.247/ Part 15.407 which is exempt from RF exposure evaluation owing to 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 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 to 15                        |
| 2.3          | Summarize the specific operational use conditions             | Page to 15                        |
| 2.4          | Limited module procedures                                     | Page to 15                        |
| 2.5          | Trace antenna designs                                         | Page to 15                        |
| 2.6          | RF exposure considerations                                    | Page to 15                        |
| 2.7          | Antennas                                                      | Page to 15                        |
| 2.8          | Label and compliance information                              | Page to 15                        |
| 2.9          | Information on test modes and additional testing requirements | Page to 15                        |
| 2.10         | Additional testing, Part 15 Subpart B disclaimer              | Page to 15                        |
| 2.11         | Note EMI Considerations                                       | Page to 15                        |
| 2.12         | How to make changes                                           | Page to 15                        |



**Name:** Dang Huang

**Date:** Feb. 05, 2026

**Title:** Engineer

**Signature of applicant**