

InnoXings CO., LTD.

NMi TESTLAB GmbH
Product Certification
Königswinkel 10
D 32825 Blomberg

Date: 23 June 2026

Attn: Reviewing Engineer

Subject: REQUEST FOR FCC MODULAR TRANSMITTER APPROVAL
FCC ID: 2BDIDIX7628SSH

To Whom It May Concern:

We, (*applicant name*), hereby request ☒ a modular / ☐ limited modular approval.

In CFR47 §15.212 "Modular Transmitters" and KDB 996369 D01 "Module Equip Auth Guide" there are following eight numbered requirements defined:

1. 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. This module uses a metal sheet to shield the radio elements.

2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.

This module uses IX7628SSH-64256 as buffered modulation/data input.

3. The modular transmitter must have its own power supply regulation on the module.

This module uses IX7628SSH-64256 as the main chip, the chip itself has the function of power supply regulation.

4. 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).

The antenna brand matched with this module, 1) Lianhan / A02-0112-0204-NN092 / PCB antenna / IPEX MHF4, 2) Lianhan / A02-0112-0204-NN092 / PCB antenna / IPEX MHF4 and apply together, and meet the relevant requirements.

5. The module must demonstrate compliance in a stand-alone configuration.

The company will provide an external extension board to perform testing of this module in a stand-alone architecture. The brand of this external extension board: InnoXings, model: EVB7628SSH. This module uses a DC power supply, and the applicant has provided a support platform for testing according to the requirements of the technical specifications. The cable of this module does not contain any magnetic components and the length is fixed.

6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number (KDB 784748).

After the module has obtained the certification, it will mark the FCC identification number on the module body according to the regulations.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements

This module is for general radio use, and our company has provided all necessary information in the manual to guide the user/installer for correct installation and operation.

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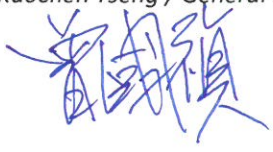
8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.

The modular transmitter complies with any applicable RF exposure requirements in its final configuration.

Yours sincerely,

Signatory

Kuochen Tseng / General Manager

 Tseng Kuo Chen