

<Shanghai Quicktron Automation Technology Co., Ltd.>
Modular Transmitter Approval Request

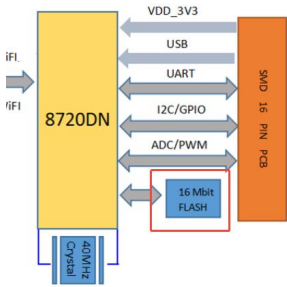
Federal Communications Commission
 Equipment Authorization Branch
 7435 Oakland Mills Road
 Columbia, MD 21046

Company name: Shanghai Quicktron Automation Technology Co., Ltd.
FCC ID: 2BV7U-DBOXIOT16

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v04r02'. FCC ID **2BV7U-DBOXIOT16** has been examined against the following requirements.

Items to be covered by Single modular transmitters.

Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v04r02'	Y/N	Comments/ Explanation from Grantee (Explain why product complies/how it is achieved)
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	Yes	The applicant has designed their own metal shielding area for this RF module, please see the internal photos.
2. 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	This module uses the built-in buffer of the RTL8720DN chip as the input for modulated data. 
3. The module must contain power supply regulation on the module	Yes	The applicant has designed a power regulator (device) for this RF module, see the circuit diagram IC RTL8720DN.
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 Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Yes	The applicant has clearly indicated the antenna paired with the RF module; this module comes with a set of Dipole antennas.
5. The module must demonstrate compliance in a stand-alone configuration	Yes	An external expansion card will be provided to perform tests independently. Using a USB extension card, this RF module is powered by

		USB and will be tested according to technical specifications. The module's connection cables do not contain any magnetic components and are all fixed in length.
6. The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Yes	The module will have an FCC ID label on it,
7. 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 Meets the requirements
8. The module must comply with RF exposure requirements	Yes	The module meets the RF exposure requirements

Name: Fei Ni

Date: 2026-6-12

Title: Manager

Signature of applicant

Fei Ni