

Queclink Wireless Solutions Co., Ltd.

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

Date: 20210702

Subject; **Modular Transmitter Application**

Company name: Queclink Wireless Solutions Co., Ltd.

FCC ID: YQD-QLM100

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 :YQD-QLM100 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, refer the EUT Photo
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 modular data inputs are buffered through log or microcontroller connections. All modulation and data inputs are buffered by circuitry on the transmitter chip
The module must contain power supply regulation on the module.	yes, Power supply regulation is provided by circuitry on the CPU 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).	Yes, refer to user manual FCC KDB 996369 D03 antennas
The module must demonstrate compliance in a stand-alone configuration.	Yes, The EUT is can transmitting Stand-alone, please refer 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).	Yes, The module is labeled with its permanently affixed FCC ID label. The label position is clearly indicated. Please refer to label & label location information.
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 EUT full complaint with fcc rules, please refer in the manual
The module must comply with RF exposure requirements	Yes, This module is complies with FCC CFR 47 part 2.1091 and FCC KDB 447498 D01 General RF Exposure Guidance v05r02 limit, Please refer RF exposure report.

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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	
2.3	Summarize the specific operational use conditions	
2.4	Limited module procedures	
2.5	Trace antenna designs	
2.6	RF exposure considerations	
2.7	Antennas	
2.8	Label and compliance information	
2.9	Information on test modes and additional testing requirements	
2.10	Additional testing, Part 15 Subpart B disclaimer	

Name: Weipeng
Title: manager

Date: 20210702

Signature of applicant:

