

# Quectel Wireless Solutions Co., Ltd

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

Date: June 11, 2022

Subject; **Modular Transmitter Application**

**Company name:** Quectel Wireless Solutions Co., Ltd  
**FCC ID:** XMR202203FC80A

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: XMR202203FC80A has been examined against the following requirements.

<b>Requirement per 15.212 and KDB 996369 D01</b>	<b>Explanation from Grantee</b> (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 throughlog 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, see the EUT photo
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 IDlabel.The label position is clearly indicated. Please refer to label & label location information.

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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 complies with FCC rules, please refer in the manual
The module must comply with RF exposure requirements	Yes, This module complies with FCC CFR 47 part 2.1091 and FCC KDB 447498 D01 General RF Exposure Guidance v06 Limit. Please refer RF exposure report.

**Name:** Jean Hu

**Date:** June 11, 2022

**Title:** Certification Manager

**Signature of applicant:** *Jean Hu*