

# Quectel Wireless Solutions Co., Ltd.

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

Date: March 8, 2024

Subject; **Modular Transmitter Application**

**Company name:** LTE Cat 1 bis Module  
**FCC ID:** XMR2023EG916QGL

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: XMR2023EG916QGL 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)	EUT Conditions
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 radio portion of this module is shielded, please see exhibition external photos.
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 module has buffer modulation/data inputs.
The module must contain power supply regulation on the module.	YES	The module has its own power supply regulation. Please see the Schematics
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	YES	The requirements of antenna connector and spurious emission have

§§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).		been fulfilled. Please refer to the Test Report.
The module must demonstrate compliance in a stand-alone configuration.	YES	Please refer to the Setup Photograph for the stand-alone test configuration.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	YES	Please refer to the Label declaration
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 required FCC rule has been fulfilled and all the instructions for maintaining compliance have been clearly stated in the User Manual.
The module must comply with RF exposure requirements	YES	Please refer exhibition RF Exposure for the compliance of MPE RF exposure rule.

### 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	89
2.3	Summarize the specific operational use conditions	90
2.4	Limited module procedures	90
2.5	Trace antenna designs	90
2.6	RF exposure considerations	90
2.7	Antennas	90
2.8	Label and compliance information	91
2.9	Information on test modes and additional testing requirements	91
2.10	Additional testing, Part 15 Subpart B disclaimer	91

**Name:**Jean Hu

**Date:** March 8, 2024

**Title:**Manager

**Signature of applicant:** 