



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

Date: April 17, 2025

Subject; **Modular Transmitter Application**

Product name: LTE Cat 1 module
FCC ID: 2BNX7I491NAXDA

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: 2BNX7I491NAXDA 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
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 must contain power supply regulation on the module.	YES
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



The module must demonstrate compliance in a stand-alone configuration.	YES
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	YES
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 must comply with RF exposure requirements	YES

Print Name: Joel Young

Title: Chief Technology Officer

Signature:

A handwritten signature in blue ink, appearing to read "Joel Young", with a stylized, cursive script.

On behalf of Company: Eagle Electronics Inc.

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