



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

Date: June 26, 2025

Subject; **Modular Transmitter Application**

Company name: 5G Sub-6 GHz Smart Module with Wi-Fi 6E & Bluetooth
FCC ID: 2BEY3SUD500LDA

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: 2BEY3SUD500LDA 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 EUT provides the RF shielding. See 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 EUT has its buffered modulation. Please see the Schematic Diagram
The module must contain power supply regulation on the module.	YES The EUT has its own power supply regulation, please see the Schematic Diagram.
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 EUT meets the FCC antenna requirements
The module must demonstrate compliance in a stand-alone configuration.	YES The EUT was tested with a test board. Please see



	test report and setup photo
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	YES Please see exhibition label sample for the FCC ID of this module. And also in the exhibition User manual, there are instructions give to the OEM on how to label the end product.
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 is compliant with all applicable FCC rules. Details instructions for maintaining compliance are gave in the User Manual.
The module must comply with RF exposure requirements	YES The EUT complies with RF exposure requirement.

Print Name: Kade Qian

Title: Director

Signature: 

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