

## Quectel Wireless Solutions Company Limited

### Cover Letter-Modular Approval

Date: 2024-07-03

Gentlemen:

There's a **Module** that would like to have your authorization as a modular approval.

The specific product as below, **Module** with its designed features and specified description, meets special requirements for Full modular approval on FCC KDB996369 by cross-reference list below.

Company	Quectel Wireless Solutions Company Limited
Model Name	NTN Satellite Communication Module
Model Number	BG95-S5
FCC ID	XMR202406BG95S5

Requirement of FCC KDB996369	Comply (Yes/No)
1. The modular transmitter must have its own RF shielding.	Yes The EUT provides the RF shielding. See EUT photo.
2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.	Yes The EUT has its buffered modulation. Please see the Schematic Diagram.
3. The modular transmitter must have its own power supply regulation.	Yes The EUT has its own power supply regulation, please see the Schematic Diagram.
4. The modular transmitter must comply with the antenna and transmission system requirements of Sections 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a "unique" antenna coupler (at all connections between the module and the antenna, including the cable). The "professional installation" provision of Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	Yes The EUT meets the FCC antenna requirements.
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	Yes The EUT was tested with a test board, please see test report and setup photo
6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed	Yes Please see exhibition label sample for the FCC ID of this module. And also in the exhibition Users manual, there are instructions give to the OEM on how to label

**Quectel Wireless Solutions Company Limited**

<p>module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: XMR202406BG95S5" or "Contains FCC ID: XMR202406BG95S5" Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.</p>	<p>the end product.</p>
<p>7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.</p>	<p>Yes The EUT is compliant with all applicable FCC rules. Details instructions for maintaining compliance are give in the User Manual.</p>
<p>8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).</p>	<p>Yes The EUT complies with RF exposure requirement.</p>

Sincerely,

Print Name: Jean Hu

Title: Certification Section Manager

Signature:



On behalf of Company: Quectel Wireless Solutions Company Limited

Telephone: +8602150086326 Ext: 800

E-mail: jean.hu@quectel.com

