

Modular Approval Letter

Quectel Wireless Solutions Co., Ltd.

FCC ID:XMR2025HCM512S is seeking FCC Authorization as a

☒ Single Modular Transmitter

☐ Single Limited Modular Transmitter

The EUT meets the requirements for:

☒ Single Modular Approval

☐ Single Limited Modular Approval

as detailed in KDB 996369. Compliance to each of the requirements is described below:

Modular Approval Requirement	Yes	No	Explanation
(i) The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(ii) 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(iii) The modular transmitter must have its own power supply regulation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 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 § 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(v) The modular transmitter must be tested in a stand-alone configuration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Please provide a detailed explanation if the answer is "No."

Client's signature:

Client's name & title: Jean Hu & Certification Manager

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