Company: Pycom Ltd

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Applicant	Pycom Ltd		
FCC ID:	2AJMTFIPY01R		
Section 15.212 Modular Transmitters			
Request for Modular Approval	☒	Request for Limited Modular Approval	☐
	Requirements	EUT Conditions	Comply(Y/N)
Single Modular Approval Requirements			
1	The radio elements of the modular transmitter doesn't have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	Refer to external photos. This module has the shield cover.	Y
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.	All inputs to the modules are buffered through logic or microprocessor inputs. Refer to Schematics.	Y
3	The modular transmitter must have its own power supply regulation.	Module uses 3.5V-5.5V power. Refer to Schematics.	Y
4	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.	The EUT with a ceramic antenna for BLE,Wi-Fi,the antenna is 1.3dBi.The EUT with an external antenna for Sigfox and LoRa,the antenna is 0.87dBi. Comply with the antenna requirement ,refer to exteral photo , The maximum antenna gain for LTE: 7.00 dBi @ FDD (Band 4), 9.81 @ FDD (Band 12) and 10.75 @ FDD (Band 13).	Y

5	The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in §15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see §15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see §15.31(i)).	The modular transmitter tested in a stand-alone configuration. The modular transmitter is connected to the controlled board when testing. Please refer to setup photo.	Y
6	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number	The device Uses a permanently affixed label,refer Label .when the module is installed inside another device, then the outside of the device into which the module is installed,this exterior label must use wording such as the following: "Contains Transmitter Module FCC ID: 2AJMTFIPY01R" or "Contains FCC ID:22263-FIPY01R".	Y

7	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.	Compliance	Y
8	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The EUT will comply with applicable RF exposure requirements in its final configuration.	Y

Sincerely,

Signature:

Typed or Printed Name: Daniel Campora

Title: Manager