

Shanghai MXCHIP Information Technology Co., Ltd

MODULAR APPROVAL LETTER

2024/06/13

(Product name) FCC ID: P53-EMC5020, is seeking FCC Authorization as a

☒ **Single Modular transmitter** / ☐ **Single Limited Modular Approval** (Please check one)

The EUT meets the requirements for

☒ **Single Modular approval** / ☐ **Single Limited Modular Approval** (please check one)

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

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.	This module has a complete metal shield covering the entire circuit, except for the antenna.
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.	It has large Flash and ram, and a complete modem to ensure that the device will comply with Part 15 requirements with any type of input signal.
The module must contain power supply regulation on the module.	It integrated DCDC (BUCK) and several LDOs internally.
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).	The module contains a inverted PCB antenna on the board.
The module must demonstrate compliance in a stand-alone configuration.	It contains RF PA/LNA and transceiver, and ARM Cortex M0 MCU inside; It can realize functions stand alone.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	A label will be attached to the metal shield of the module.
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	This module has good design and uniform quality, it can meet test requirements.
The module must comply with RF exposure requirements	It complies with the Bluetooth Low Energy and 802.11b/g/n/ax specification, and it has been tested and verified.

Client's signature:

Wei Xu

Client's name & title: **Wei Xu / Manager** Contact information / address: 9th Floor, Building B, Lane 2145, JinshaJiang Road, Putuo District, Shanghai