

# Shanghai MXCHIP Information Technology Co., Ltd

## MODULAR APPROVAL LETTER

**2024/07/23**

**(Product name) FCC ID: P53-EMC6083**, 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<br><br>(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 <b>ARM Cortex M0 MCU</b> 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, No.5, Lane 2145 Jinsha Jiang Road, Putuo District, Shanghai, China