

Modular Approval Request Letter

FCC ID: P53-EMW3166

Data: Nov.17,2016

Gentlemen:

There's an **Embedded Wi-Fi Module** that would like to have your authorization as a modular approval. The specific product as below, **Embedded Wi-Fi module**, with its designed features and specified description, meets special requirements for full modular approval on FCC Public Notice DA 00-1407 Released: June 26, 2000 by cross-reference list below

Company	Shanghai MXCHIP Information Technology Co., Ltd..
Model Name	Embedded Wi-Fi module
Model Number	EMW3166-E, EMW3166-P, EMW3166-B
FCC ID	P53-EMW3166

Requirement of Public Notice DA00-1407/Part15.212	Reference to
1. The modular transmitter must have its own RF shielding.	The module has its own RF shielding
2. The modular transmitter must have buffered modulation/data inputs.	The module has buffered data inputs.
3. The modular transmitter must have its own power supply regulation.	The module has its own power supply regulation. Power supply regulation is integrated in RF chip.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The EMW3166-E,EMW3166-P, EMW3166-B meets the FCC antenna requirements, it has a ipex connector/PCB antenna/PIFA antenna
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	The EMW3166-E, EMW3166-P, EMW3166-B was tested in stand alone configuration.
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 module.	The label position of EMW3166-E, EMW3166-P, EMW3166-B is clearly indicated
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.	The EMW3166-E, EMW3166-P, EMW3166-B is compliant with all applicable FCC rules. Detail instructions are given in the user manual.
8. The modular transmitter must comply with any applicable RF	The EMW3166-E, EMW3166-P,

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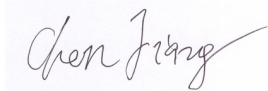
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exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific requirements. Please see RF safety evaluation. Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g). require that Unlicensed PCS, UNII and millimeter wave devices perform routine environment 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)?

EMW3166-B comply applicable RF exposure requirements. This device must be installed and operated with a minimum distance of 20 cm between the radiator and user body

Thank you

Sincerely,



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