

Shenzhen FREEDIO Electronic Technology Co., Limited

East Wing, 5/F, Block 2, Vision Business Park, No.9 Gaoxin 9th S. Rd., Hi-tech Ind. Park, Nanshan Shenzhen, China

Date: August 23, 2013

Subject: FCC Application for FCC ID: Q8Y-FR4020A6

To Whom It May Concern:

There's a WIFI MODULE that would like to have your authorization as a modular approval.

The specific product as below, Wireless Module with its designed features and specified description, meets special requirements for full modular approval on FCC Part 15.212 by cross-reference list below.

Company: Shenzhen FREEDIO Electronic Technology Co., Limited

Product Name: WIFI MODULE

Antenna: Dipole

Unique Antenna Connector: UFL

Model Number: FR4020A6, FR4020A7, FR4020A8, FR4020A9, FR4020A10, FR4020A11

FCC ID: Q8Y-FR4020A6

Requirement of FCC Part 15.212	Reference to FR4020A6
1. The radio elements of the modular transmitter must have their own shielding.	The module has its own RF shielding. Please see external photo.pdf
2. The modular transmitter must have buffered modulation/ data inputs.	The modular has buffered data inputs, it is integrated in chip Wireless Module. Please see block diagram.pdf
3. The modular transmitter must have its own power supply regulation	The modular transmitter has its own power supply regulation built in FR4020A6. Please see schematics.pdf
4. The modular transmitter must comply with the antenna and transmission system requirements of Section 15.203, 15.204 (b) and 15.204 (c).	The FR4020A6 meets the FCC antenna requirements. It has a unique connector(UFL Connector). Please see external photo.pdf
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 FR4020A6 was tested in a stand-alone configuration via extender. Please refer to test report in details.
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 label position of FR4020A6 is clearly indicated. Please see the label.pdf
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.	The FR4020A6 is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see user manual.pdf
8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The FR4020A6 comply with applicable RF exposure requirements. Please see test report. pdf

Sincerely,

Company Officer: Dezhi Huang

Dezhi Huang
Company Officer

