

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

**Certification**

**Issued Under the Authority of the  
Federal Communications Commission**

**By:**

**Timco Engineering, Inc.  
849 NW State Road 45 <BR>P.O. Box  
370,  
Newberry, FL 32669**

**Date of Grant: 10/16/2012**

**Application Dated: 10/16/2012**

**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, 518057  
China**

**Attention: Dezhi Huang , Engineer**

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,  
and is VALID ONLY for the equipment identified hereon for use under the  
Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** Q8Y-FR4020A2  
**Name of Grantee:** Shenzhen FREEDIO Electronic  
Technology Co., Limited  
**Equipment Class:** Digital Transmission System  
**Notes:** WIFI MODULE  
**Modular Type:** Single Modular

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	<b>15C</b>	<b>2412.0 - 2462.0</b>	<b>0.077</b>		
	<b>15C</b>	<b>2422.0 - 2452.0</b>	<b>0.037</b>		

Single Modular Approval. Power output is conducted. Approval is limited to OEM integrator installation only. Compliance of this device in all final host configurations is the responsibility of the Grantee. This device is to be used only for mobile and fixed applications. The antenna(s) provided for this transmitter must be installed to provide a separation distance of at least 20cm from all persons, and must not transmit simultaneously with any other antenna or transmitter. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and end-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Separate approval is required for all other operating configurations, including portable configurations with respect to 2.1093 and different antenna configurations. This device supports 20MHz and 40MHz bandwidth mode.