

## **Shenzhen Hojy Wireless Co., Ltd.**

1F, East of Building 25, Keyuanxi, Number 5, Kezhixi Road, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, China

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, Maryland 21046

February 11, 2011

Regarding to the Pubic Notice DA 00-1407 pertaining to PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL, **Shenzhen Hojy Wireless Co., Ltd.** would like to request modular approval for the submission FCC ID: Y7X-W668. **Shenzhen Hojy Wireless Co., Ltd.** confirms that the product complies with numbered requirements identified below:

Modular Approval is being requested for this device. The following statements detail these requirements and the manner in which the device meets them. The module has its own complete RF transceiver with built in antenna and reference oscillator. The module meets all of the technical specifications applicable to the frequency band of operation.

### **1. RF Shielding**

The module contains metal shield over the transmitter section to ensure that it does not have to rely upon shielding provided by the device into which it is installed and to prevent coupling into which the device will be installed.

### **2. Buffered Modulation / Data Inputs**

Data to the modulation circuit is buffered on the module via the integrated circuit. Refer to the information regarding the on-board Serdes (SPI) provided with the file "Data Sheet ARM926EJ" that details the theory of operation.

### **3. Power Supply Regulation**

Power supply regulation is provided within the integrated circuit that regulates the control voltage to the RF and data circuitry. The maximum allowable voltage that can be used in the chip is 3.3VDC – 3.5VDC. The variable input voltage is therefore a voltage regulator.

### **4. Antenna Requirements**

The module uses a mini coaxial connector U.FL for adaptation of an external antenna.

### **5. The modular transmitter must be tested in a stand-alone configuration**

Test data contained in this application is for the device tested as a stand alone device. Radiated spurious emissions data demonstrating compliance with the requirements of Part 15 of the FCC rules for intentional radiators has been provided. Please refer to the test report for details.

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**6. The modular transmitter must be labeled with its own FCC ID number**

The module itself is appropriately labeled with its own FCC ID. When the module is installed inside another device or in a casing, the exterior label will make reference to the enclosed module and its FCC ID. Refer to the label location and drawings contained within this application. The W668 User Manuals contain specific references for exterior end product label requirements, including the use of the wording “Contains Transmitter Module FCC ID Y7X-W668”.

**7. Operating requirements**

The module has no serviceable parts. The Digital Electronic Device manufacturer has control to the module via the serial data for data transmission modes and data rates as well as predefined output power settings. This can be seen in the “Operation Description and User Manual” provided.

**8. RF Exposure requirements**

The module meets the requirements for a any applicable as per FCC RF exposure requirements and requires a separation distances of 20cm between the radiating structure and human as reflected in the module’s W668 User Manual.

Sincerely,

A handwritten signature in black ink that reads "Eric Zhang". The signature is written in a cursive, slightly slanted style. Below the signature is a solid horizontal line.

Eric Zhang  
PM