This device complies with Part 15 of the FCC Rules. Operation is subject to the following two Conditions

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Product Name

2.4GHz ISM RF Module

Model Name

RFAN4

Antenna choice

Dipole ANT：Short SW1

Chip ANT：Open SW1

Mode switch

Setp1.Enter FCC Mode

When plugged, the green led is on, the red led will be on and the green led will turn off after pressing SW3 for 5~6 seconds. Indicating the module has entered FCC mode.

Setp2. Pattern switch

Mode	Operation	LED	Type	Note
1	Press SW3 1 time	Red led flash 1 time	Low freq. Singleton	2402MHz
2	Press SW3 2 times	Red led flashes 2 times	Middle freq. Singleton	2442MHz
3	Press SW3 3 times	Red led flashes 3 times	High freq. Singleton	2480MHz
4	Press SW3 4 times	Green led on Red led flashes 4 times	Low freq. Carrier+Data	2402MHz、MSK
5	Press SW3 5 times	Green led on Red led flashes 5 times	Middle freq. Carrier+Data	2442MHz、MSK
6	Press SW3 6 times	Green led on Red led flashes 6 times	High freq. Carrier+Data	2480MHz、MSK
7	Press SW3 7 times	Yellow led on Red led flash 1 time	Low freq. RX Mode	2402MHz
8	Press SW3 8 times	Yellow led on Red led flashes 2 times	Middle freq. RX Mode	2442MHz
9	Press SW3 9 times	Yellow led on Red led flashes 3 times	High freq. RX Mode	2480MHz

The above steps worked loopwise. When pressed SW3 10 times, it will return to Mode1.

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Remark:

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.

Installation Guide

I Antenna Connection

Rotate Clockwise in order to fix the antenna into the RF module SMA connector (Figure 1 show the golden connector head)，Figure 2 show the completed antenna connection

Figure 1

Figure 2

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I Fixing the Module on the System Board

Fix and connect the female pheader of the RF Module and the pin header of the System Board (SMA connector must face outward), Figure 4 show the completed connection.

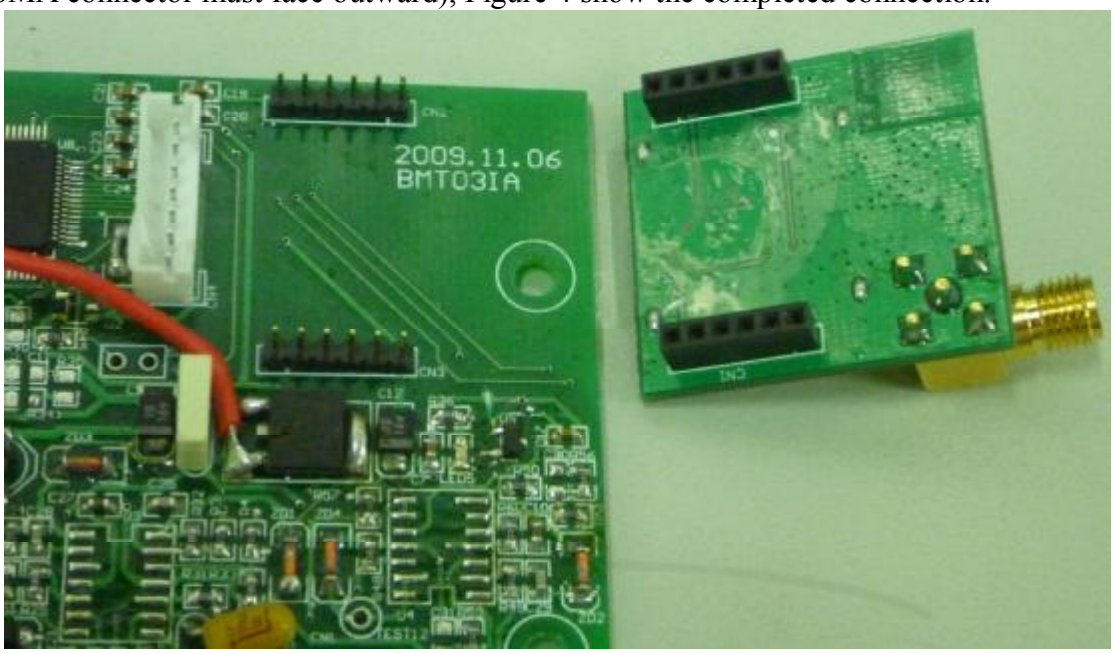

Figure 3

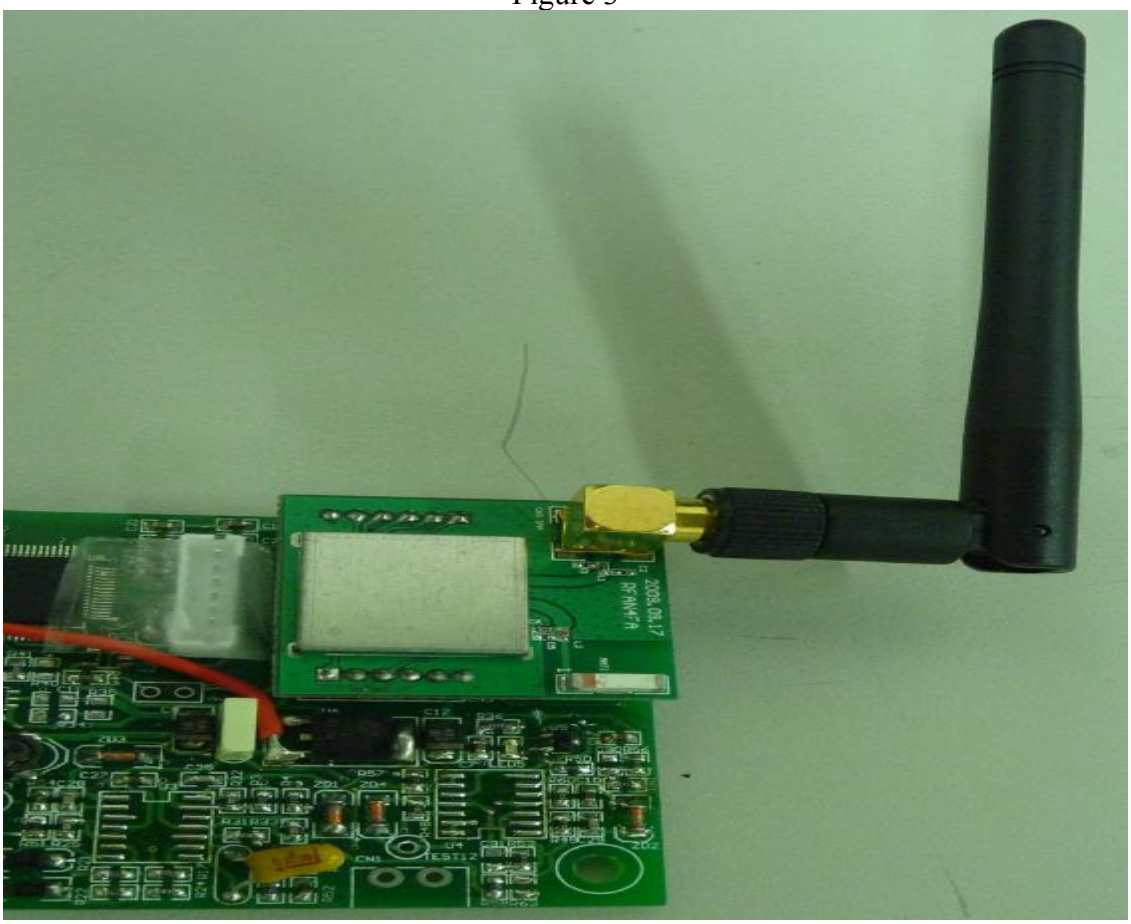

Figure 4

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