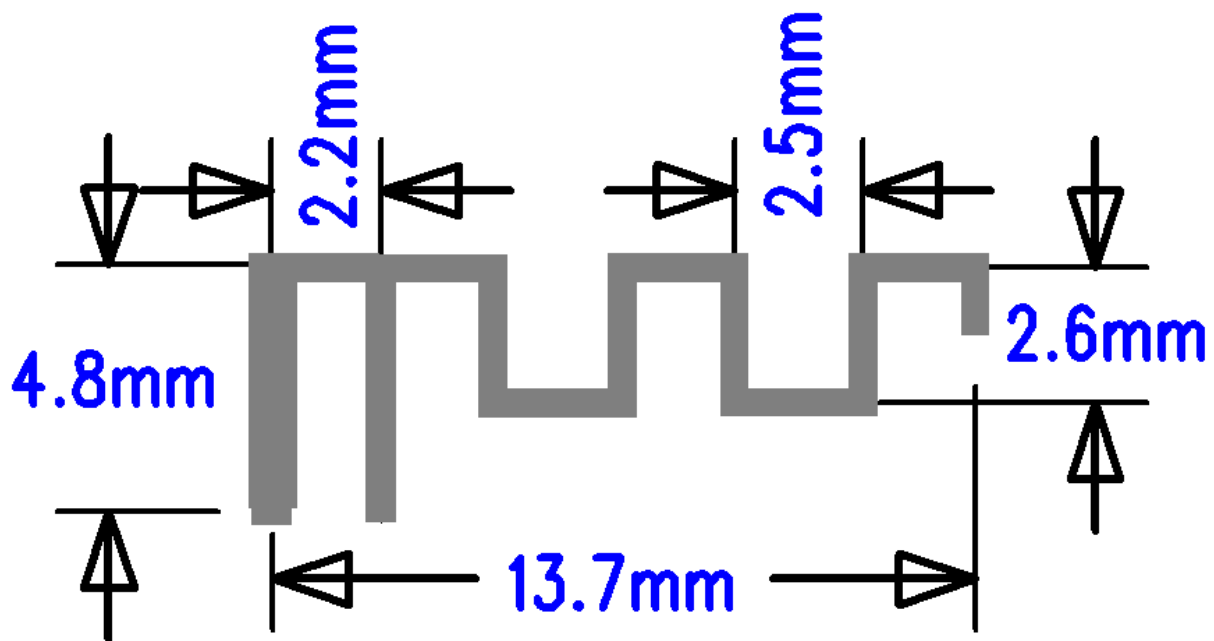


Specification for Taixu F-type Bluetooth Antenna

一、 Introduction to antenna

Introduction to the antenna Bluetooth antenna is directly mounted on the PCB

二、 Antenna profile



三、 Antenna parameters

The operating frequency of the Bluetooth antenna is 2402-2480MHz, which generates resonance. The following table shows the main parameters of the antenna。

Bluetooth built-in antenna	
Frequency (MHz)	2402 ~ 2480 MHz
VSWR	≤ 1.92
Impedance	50 Ohm Nominal

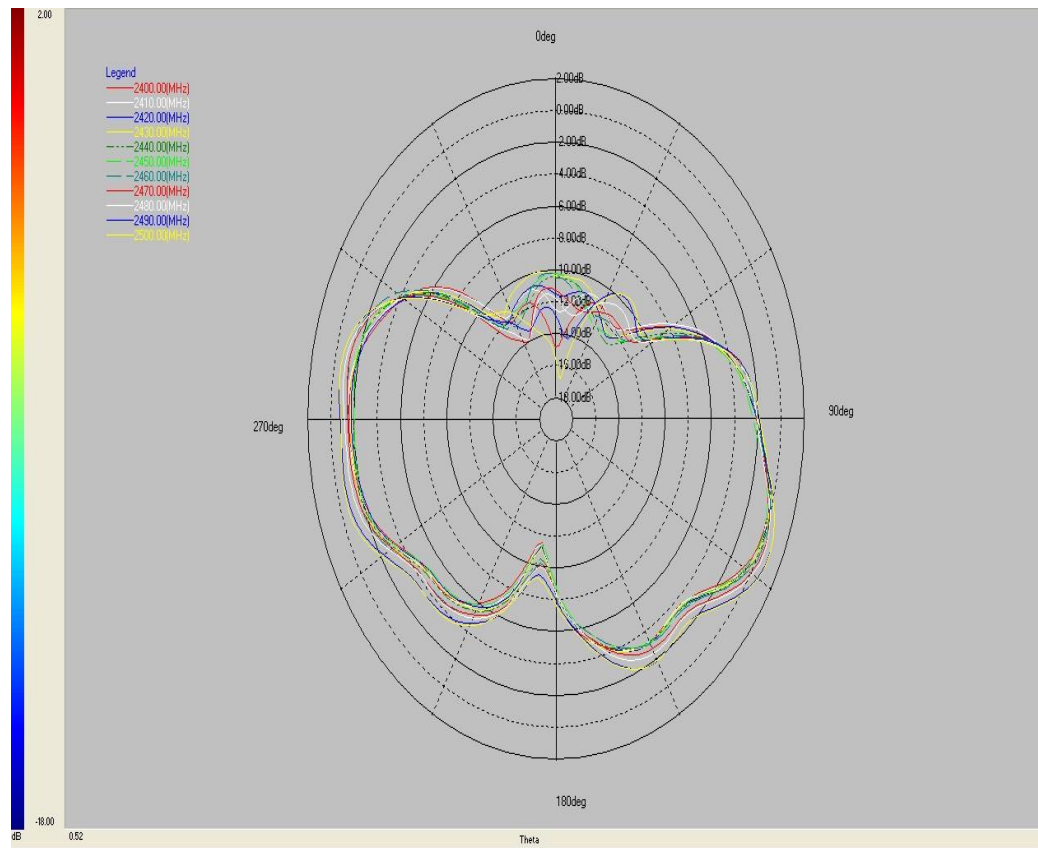
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	1.08dBi
Polarization	Linear, Vertical
Admitted Power	2W
Connector	Tin

四、Antenna gain test report

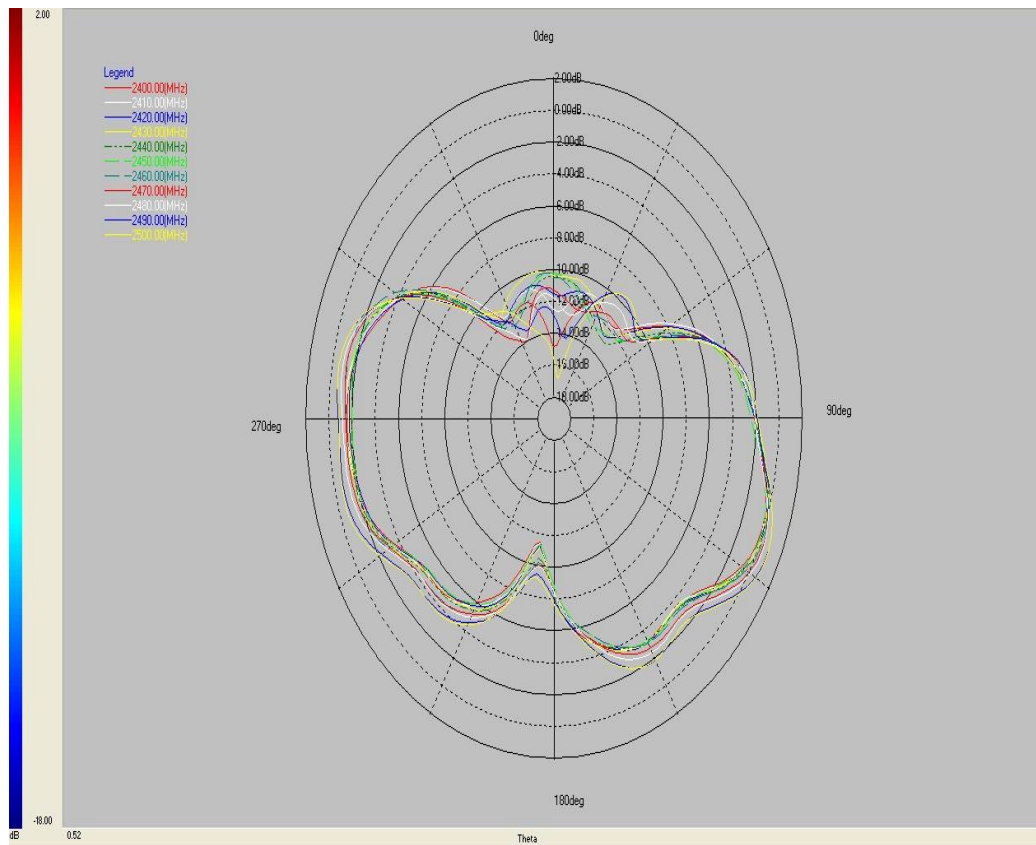
Spectrum Detector:	PK	Test Date :	June 8, 2013
Test By:	Andy	Temperature :	28°C
Test Result:	PASS	Humidity :	55 %
Modulation:	GFSK		

Frequency VNA (MHz)	E Total. dB(dB)
2400MHz	0.0403503
2410MHz	0.0886264
2420MHz	0.267381
2430MHz	0.193012
2440MHz	0.26366
2450MHz	0.0723139
2460MHz	0.36895
2470MHz	0.551525
2480MHz	0.640702
2490MHz	1.05232
2500MHz	1.08443

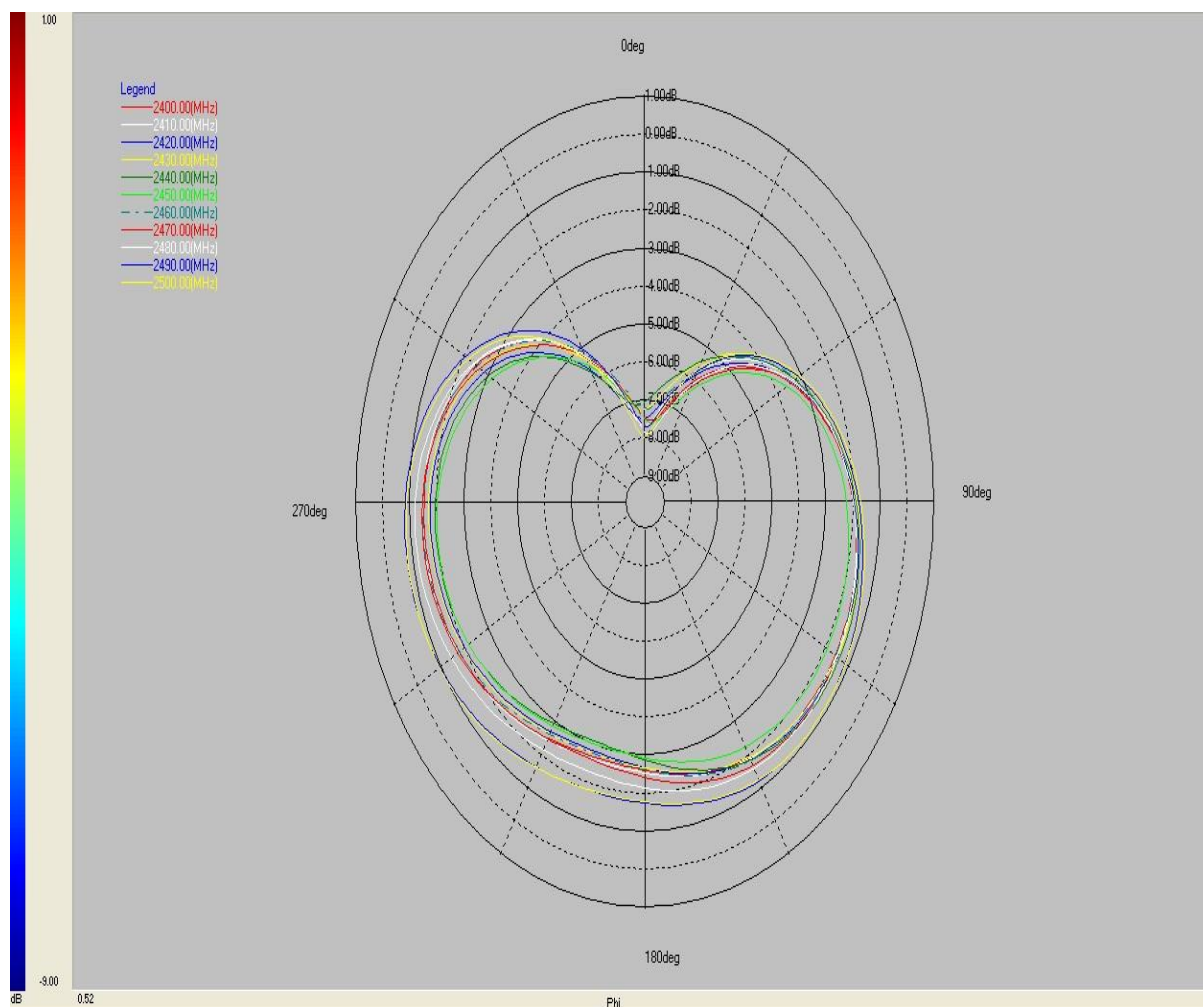
Pattern:



PHI 0 度



PHI 90 度



THETA 90 度

Standing wave ratio diagram:

