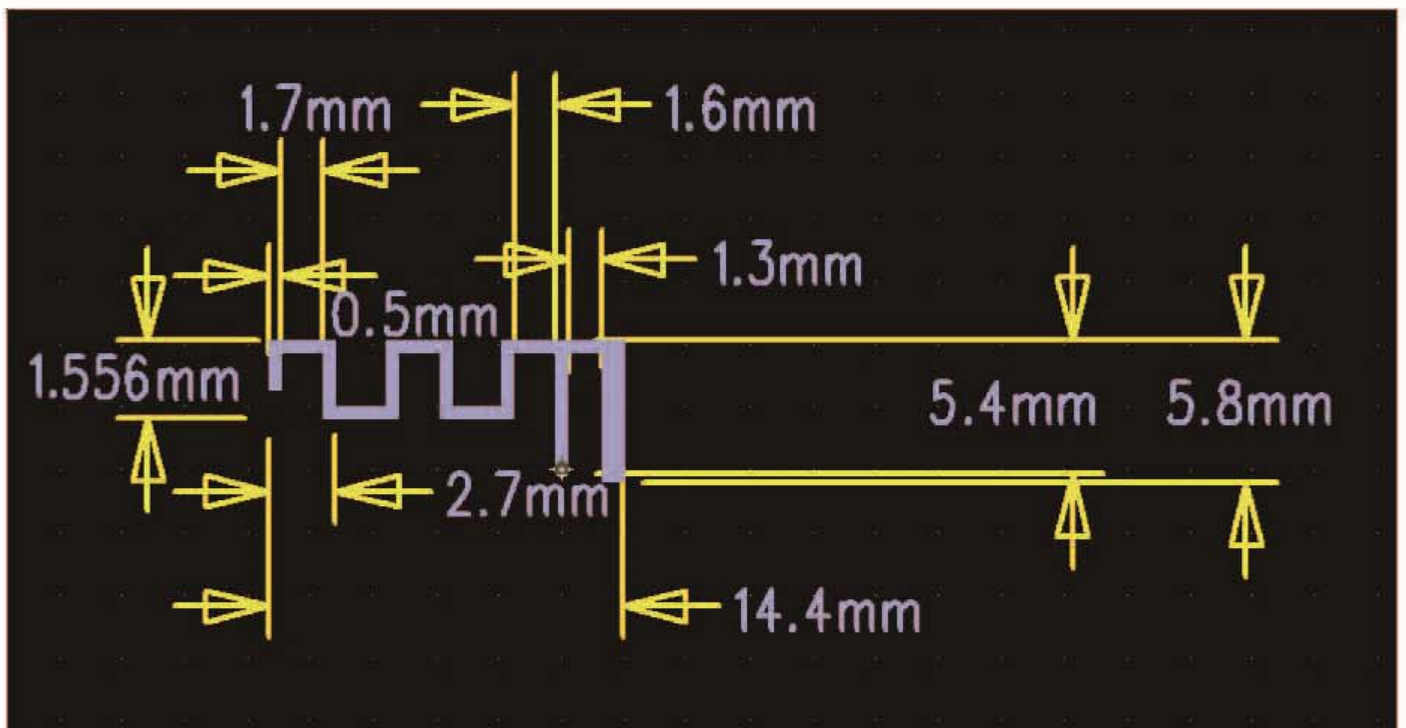


Antenna Specification

1. Antenna Introduction

Bluetooth antenna is directly mounted on the PCB board.

2. Antenna Shape



3. Antenna Parameters

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

Frequency(MHz)	2402 ~2480MHz
VSWR	≤ 1.92
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	4dBi
Polarization	Linear, Vertical
Admitted Power	2W
Connector	Tin
	Zhuhai Jieli Technology Co., LTD
	No.333 Kexing Road, Nanping Town, Zhuhai City

4. Antenna Gain Test Report

Spectrum Detector: PK
Test By: Andy
Test Result: PASS
Modulation: GFSK

Test Date: May 28, 2017
Temperature: 28°C
Humidity: 55%

Frequency VNA (MHz)	Gain. dBi
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	4.040702
2490MHz	1.05232
2500MHz	1.08443

驻波比图：

