

蓝牙天线规格书

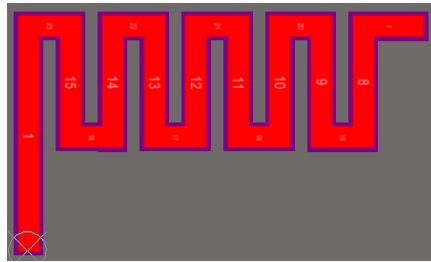
Specification of Bluetooth antenna

一：天线简介 Introduction of antenna

蓝牙模块天线直接采用做在 PCB 板上的方式。

The antenna of bluetooth module is directly made on PCB board.

二：天线外形 Antenna Shape



三：天线参数

蓝牙天线工作频率在 2400-2480MHz ,在此频段产生谐振。

下表为天线的主要参数。The Bluetooth antenna operates at 2402-2480MHz and resonates in this band.The following table shows the main parameters of the antenna.

Frequency(MHz)	2400~2500MHz
VSWR	≤ 1.92
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max

Radiation	Omni-directional
Gain(Peak)	0dBi
Polarization	Linear,Vertical
Admitted Power	2w
Connector	Tin

四：增益和效率 gain and efficiency

Frequency	Gain(dBi)	Efficiency(%)
2400MHz	0	35
2420MHz	-0.12	35
2440MHz	-0.22	35
2460MHz	-0.59	35
2480MHz	-0.69	35
2450MHz	-0.72	35

