

蓝牙天线规格书

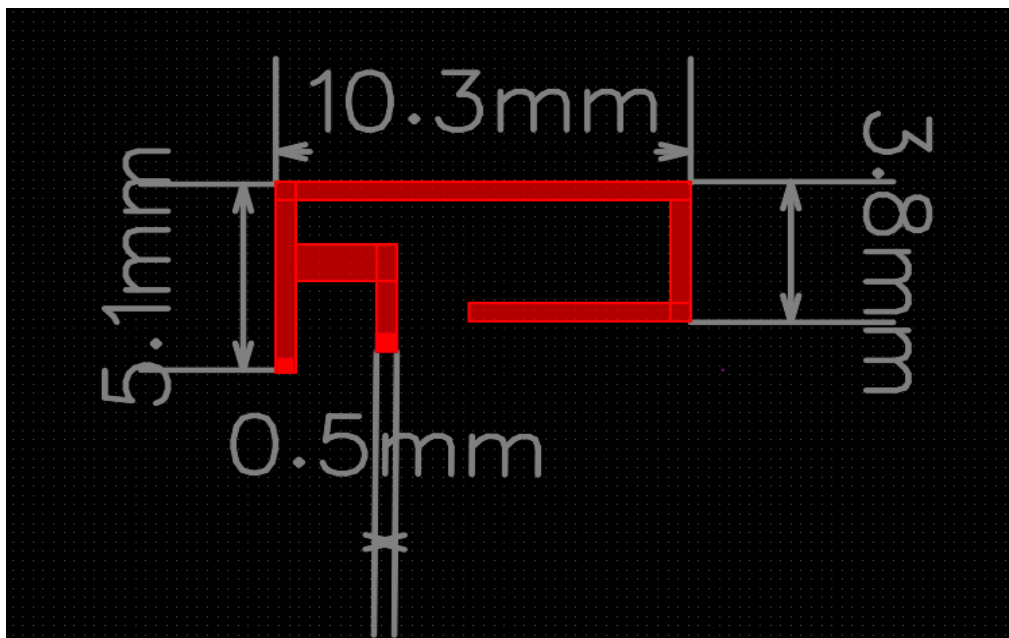
Specification of Bluetooth antenna

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Antennaparameters

蓝牙天线工作频率在2402-2480MHz，在此频段产生谐振。下表为天线的主要参数。The Bluetooth antenna operates at 2402-2480 MHz and resonates in this band. The following table shows the main parameters of the antenna.

蓝牙内置天线 Bluetooth built-in antenna	
Frequency (MHz)	2402~2480MHz
VSWR	≤ 1.92
Impedance	50 OhmNominal
Return Loss	-10 dBMax
Radiation	Omni-directional
Gain (Peak)	1.08dBi
Polarization	Linear, Vertical
AdmittedPower	2W
Connector	Tin

四、天线增益检测报告 Antennagaindetectionreport

SpectrumDetector:PK

TestBy:Andy

TestResult:PASS

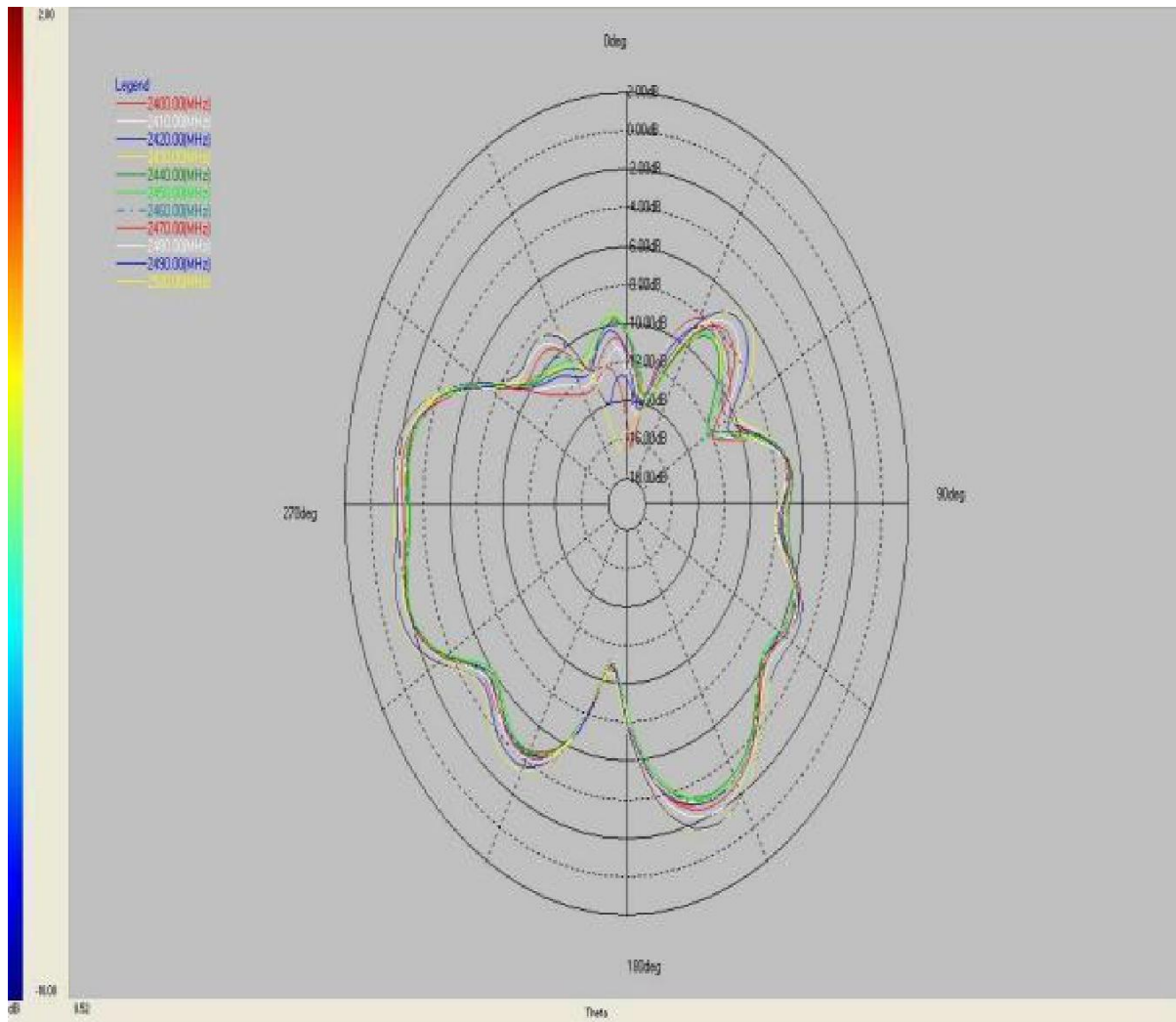
Modulation:GFSK

TestDate:June8,2013

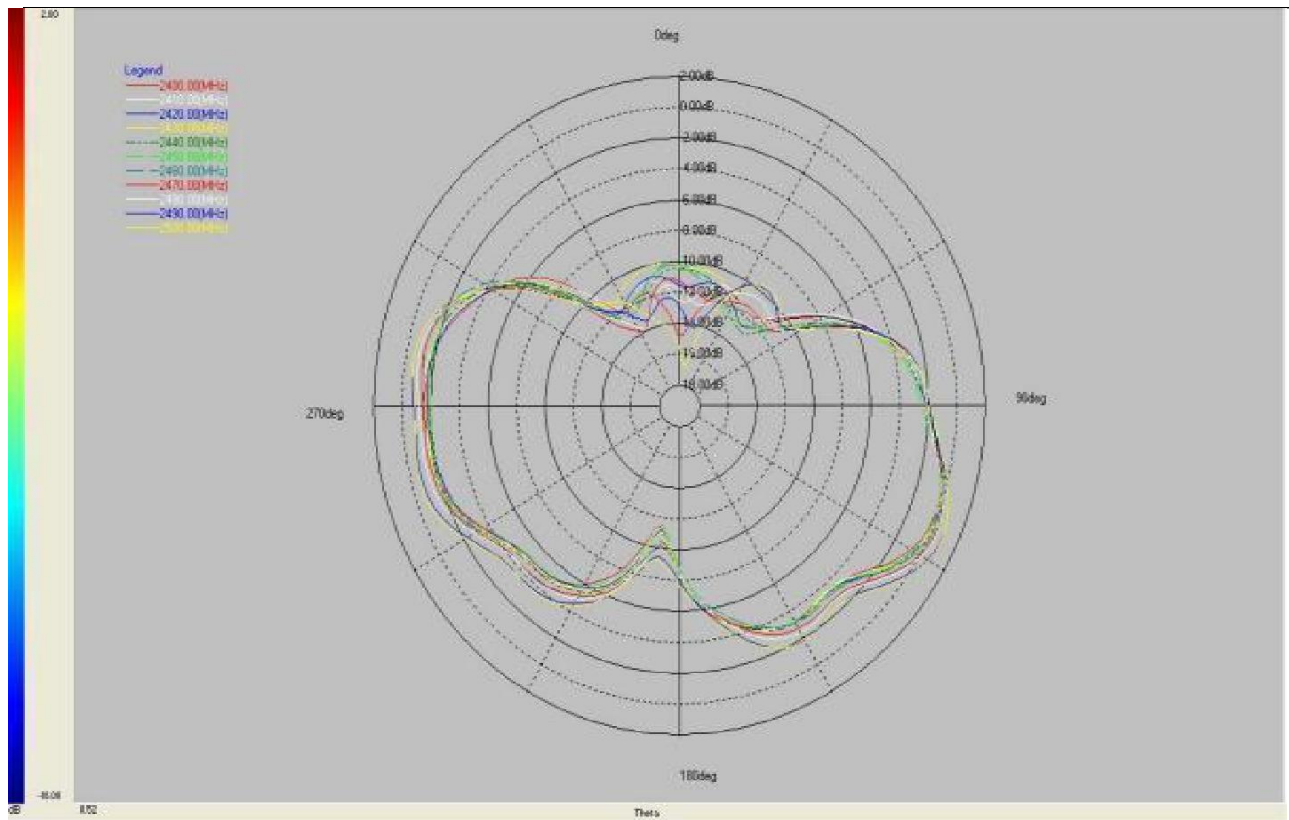
Temperature:28℃

Humidity:55%

FrequencyVNA (MHz)	ETotal. 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



PHI90度
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