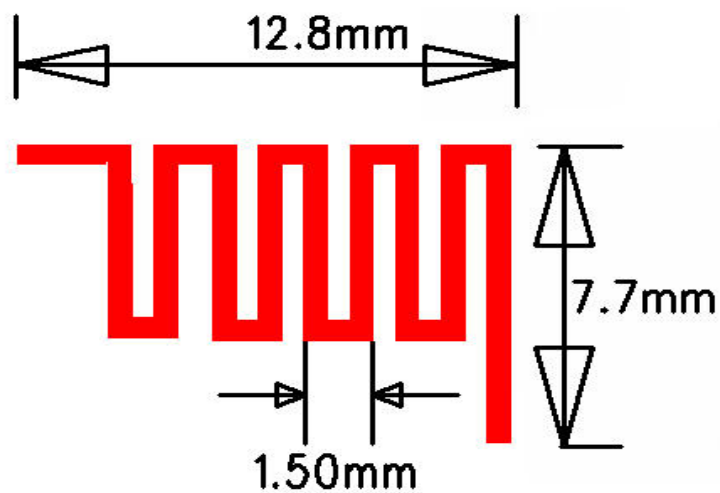


Bluetooth Antenna Specification

一、Antenna Introduction

The Bluetooth antenna is directly installed on the PCB board.

二、Antenna Dimension



三、Antenna Parameters

The following table shows the main parameters of the antenna

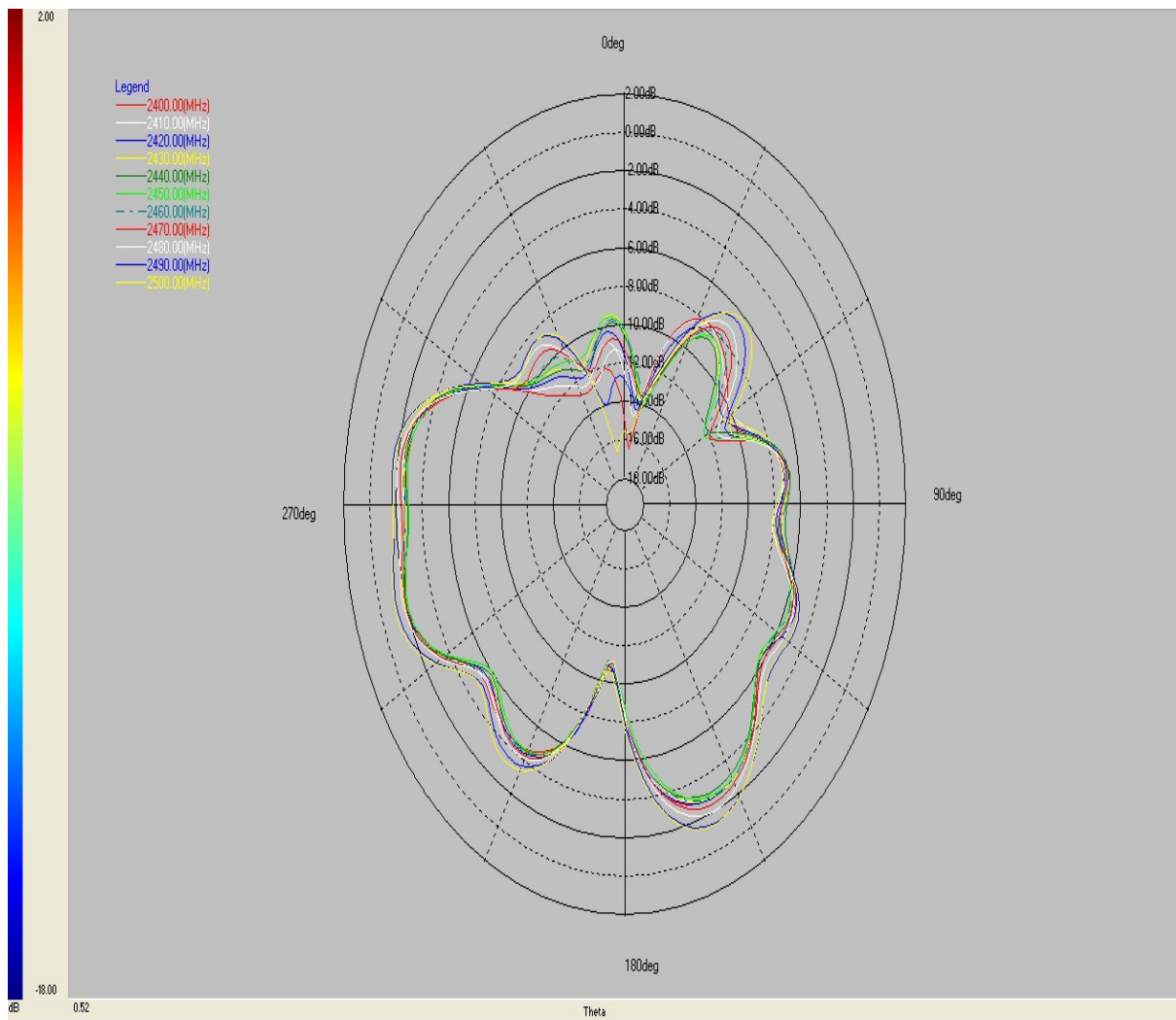
Bluetooth PCB Antenna	
Antenna Model Name	2.4GHz ANT
Frequency (MHz)	2402 ~ 2480 MHz
VSWR	≤ 1.92
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	1.08 dBi
Polarization	Linear, Vertical
Admitted Power	2W
Connector	Tin

四、Antenna Gain Report

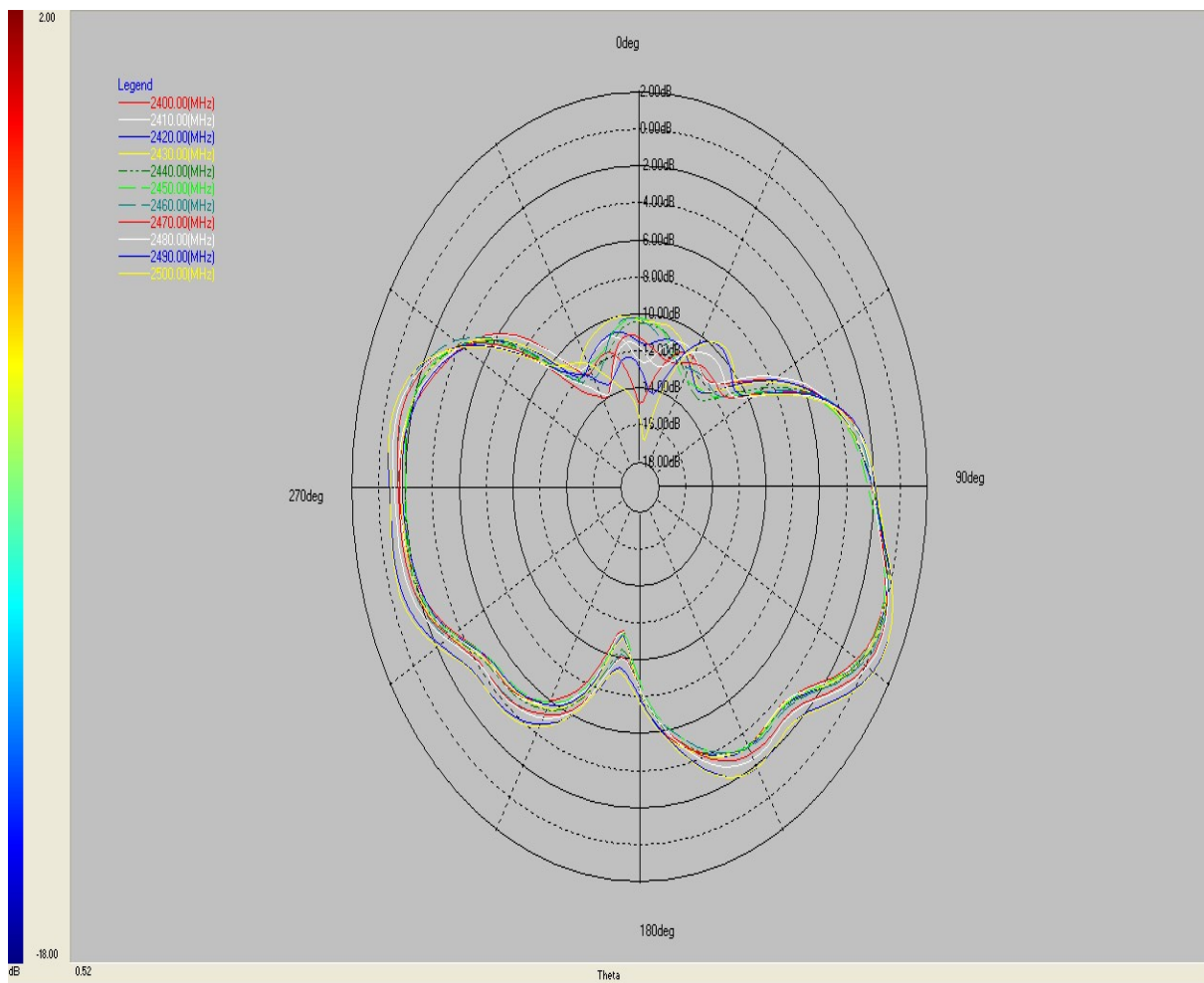
Spectrum Detector:	PK	Test Date :	June 8, 2013
Test By:	Andy	Temperature :	28℃
Test Result:	PASS	Humidity :	55 %
Modulation:	GFSK		

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	0.640702
2490MHz	1.05232
2500MHz	1.07943

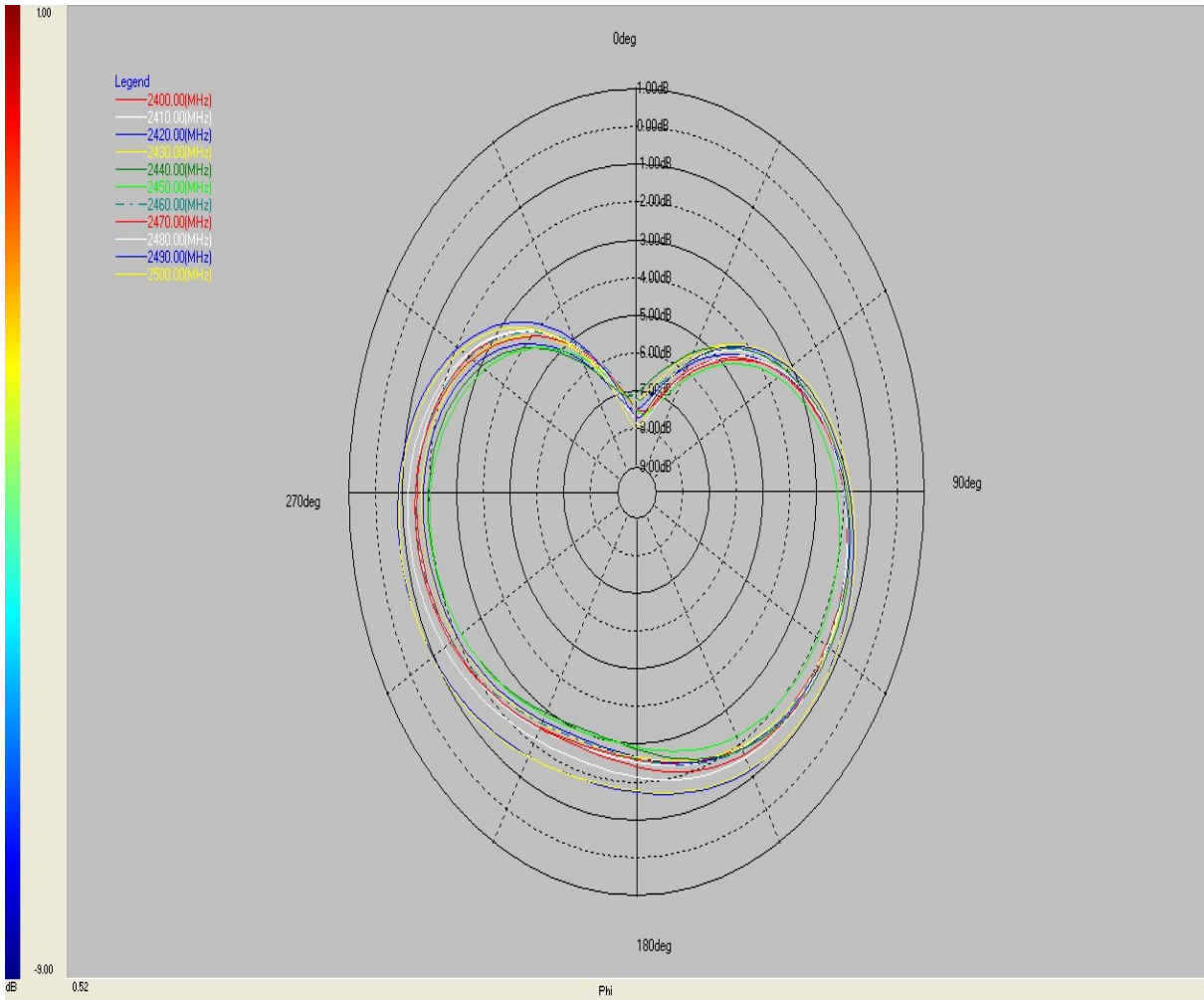
Antenna radiation pattern



PHI 0

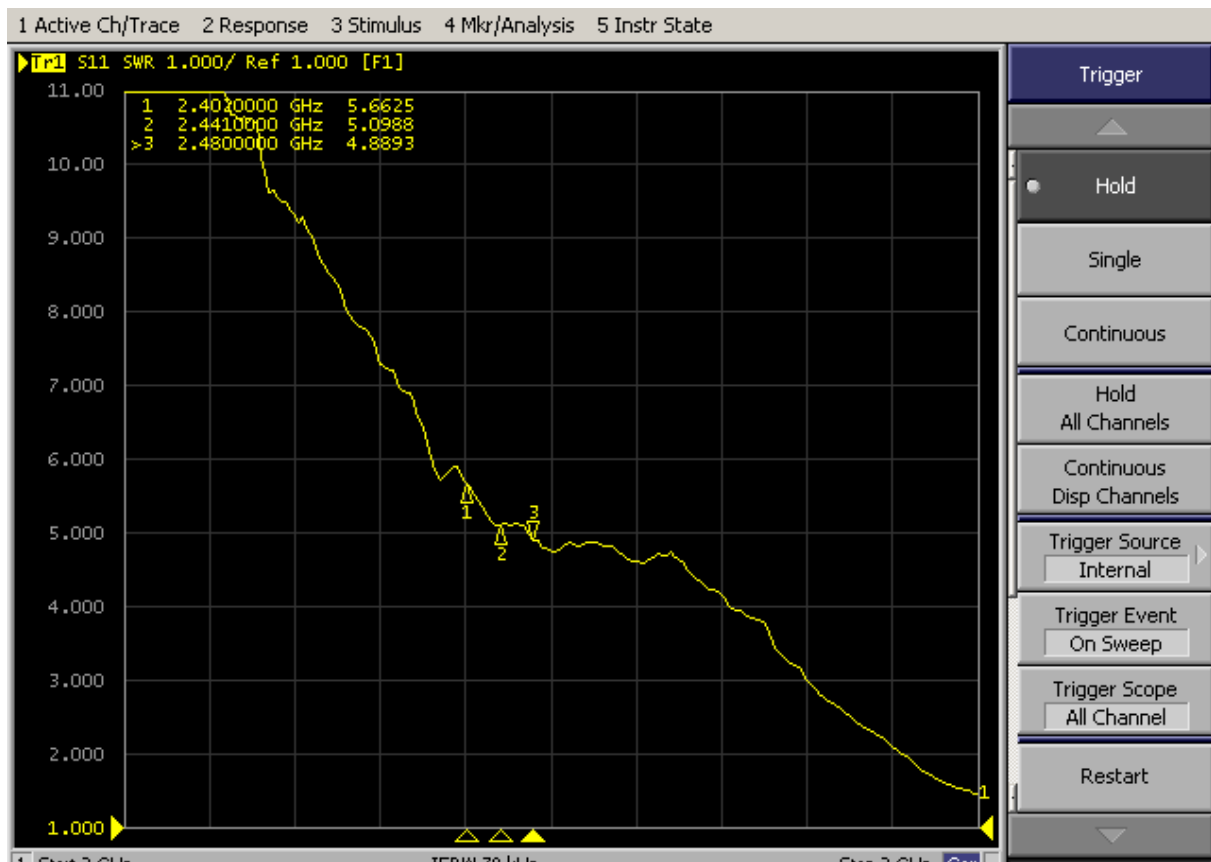


PHI 90



THETA 90

VSWR:



Product Description