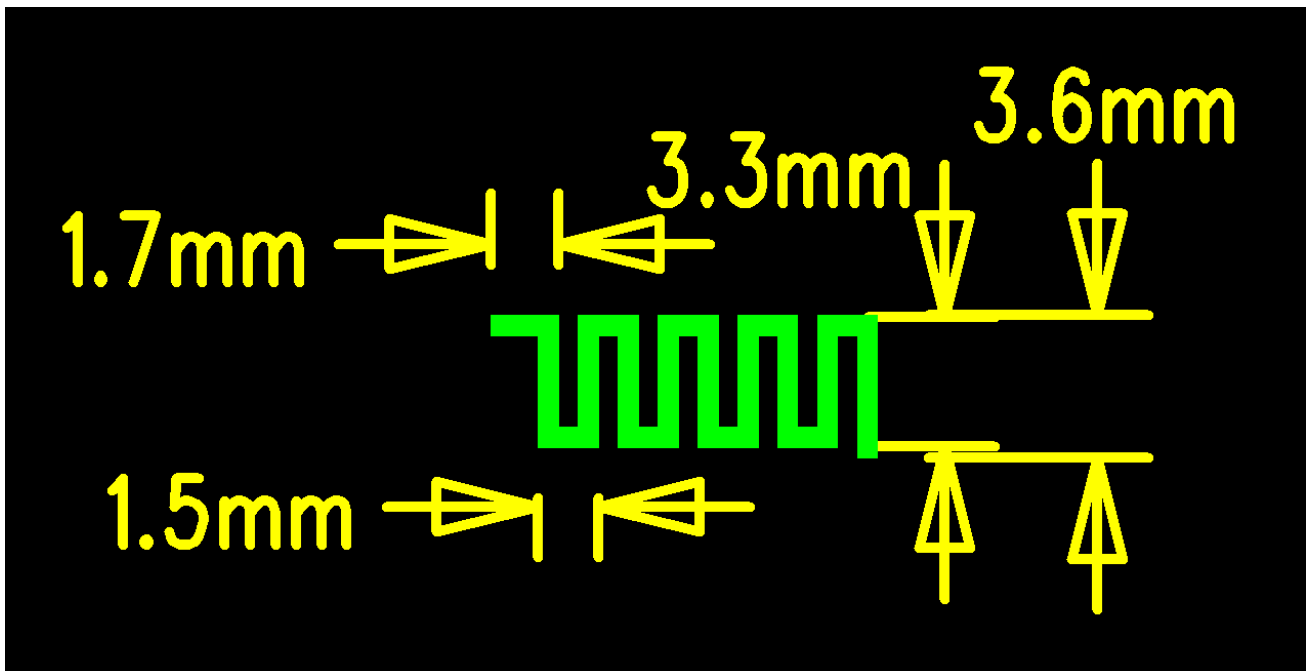

Antenna specification

1、 Antenna introduction

The Bluetooth module antenna is directly used on the PCB.

2、 Antenna shape



Size: 3.6mm*9.7mm

GFT Unique Vietnam Company Limited

No CN5,CN6,CN13,CN14 and CN15,Ngu Hung Industry,Thanh Giang Commune, Thanh Mien District, Hai Duong Province

3、Antenna parameter

The Bluetooth antenna operates at 2402-2480 MHz and generates resonance in this band. The table below shows the main parameters of the antenna.

Frequency (MHz)	2402 ~ 2480 MHz
VSWR	≤ 1.95
Impedance	50 Ohm Nominal
Return Loss	-15 dB Max
Radiation	Omni-directional
Gain (Peak)	1.3 dBi
Polarization	Linear, Vertical
Admitted Power	1MW
Connector	Tin

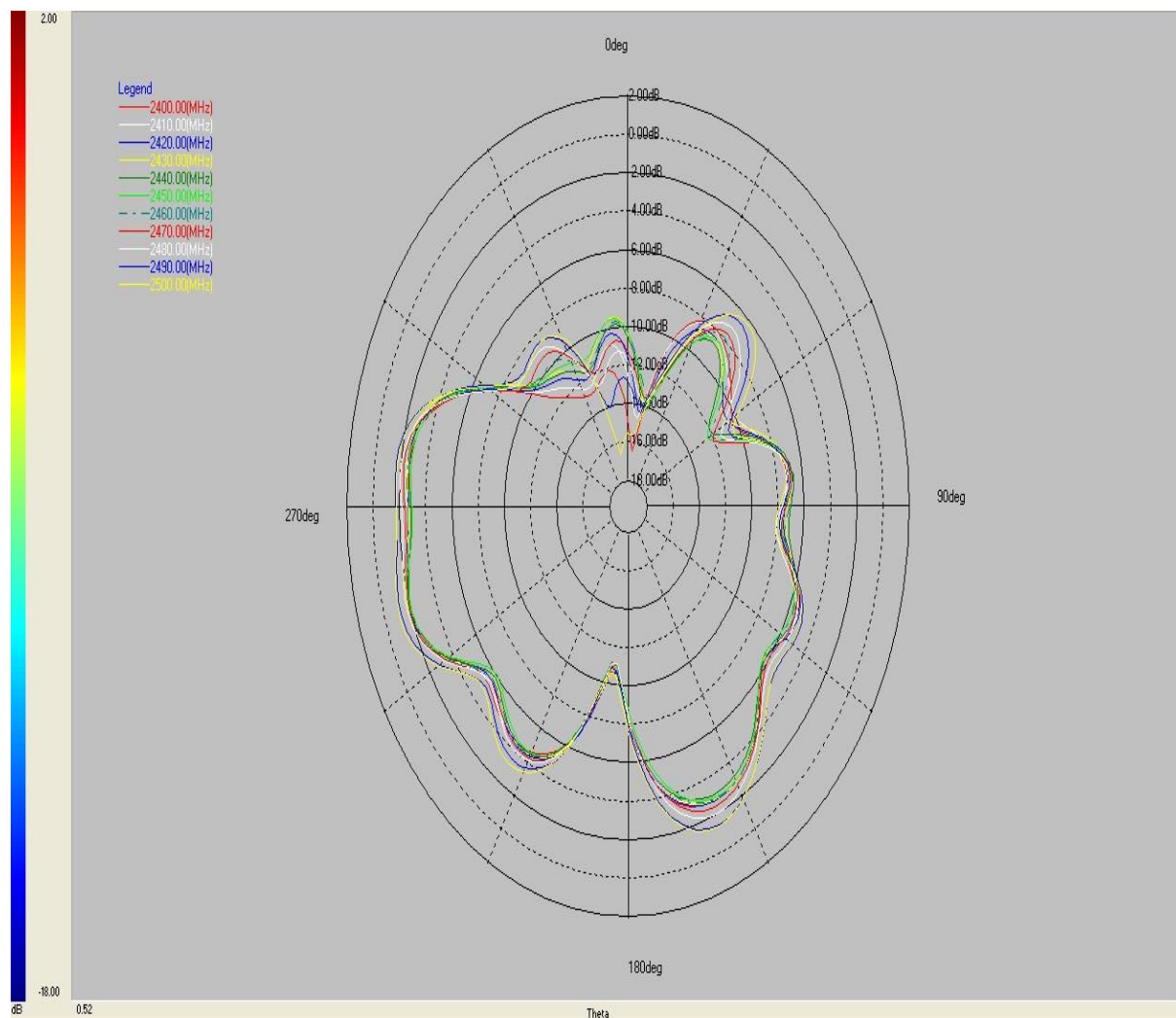
4、Antenna gain report

Spectrum Detector:
Test By:
Test Result:
Modulation:

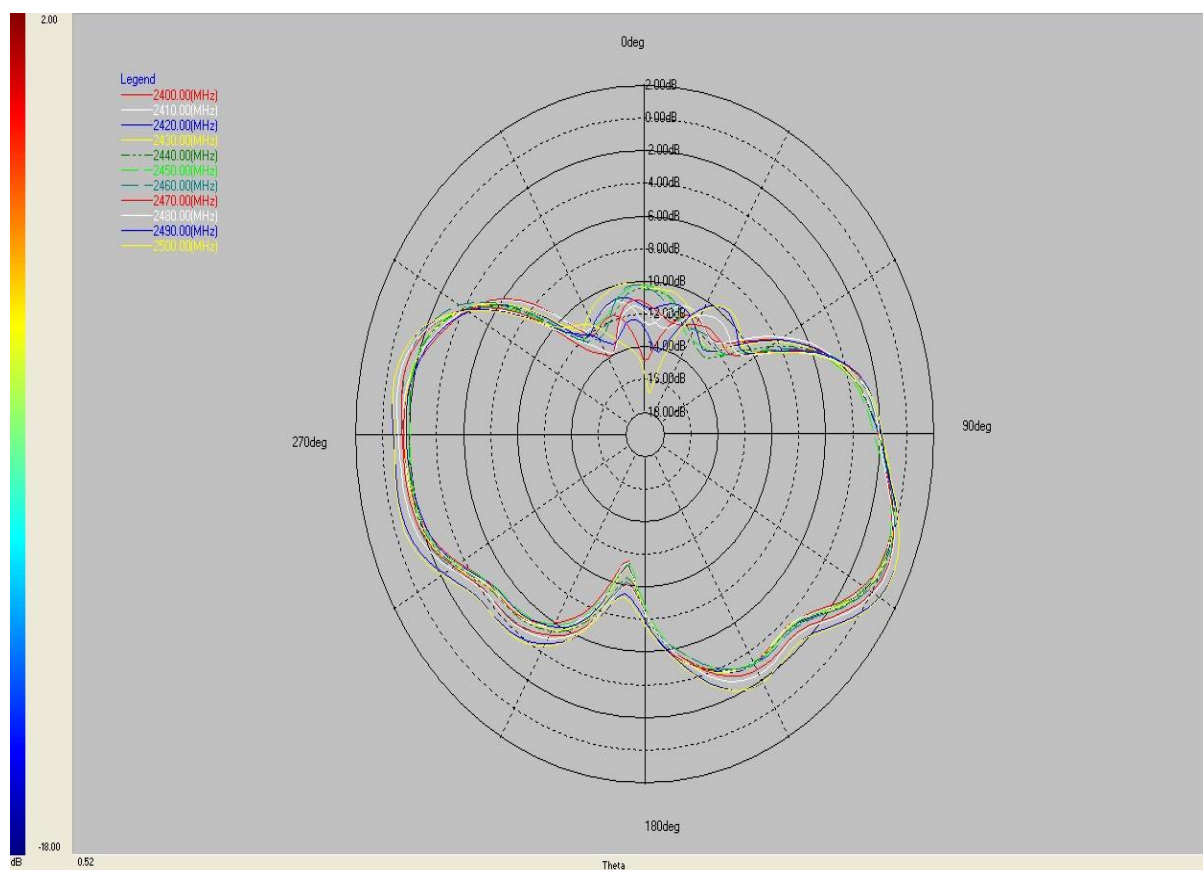
PK
Mark
PASS
GFSK

Test Date : Feb 18, 2019
Temperature : 25°C
Humidity : 52 %

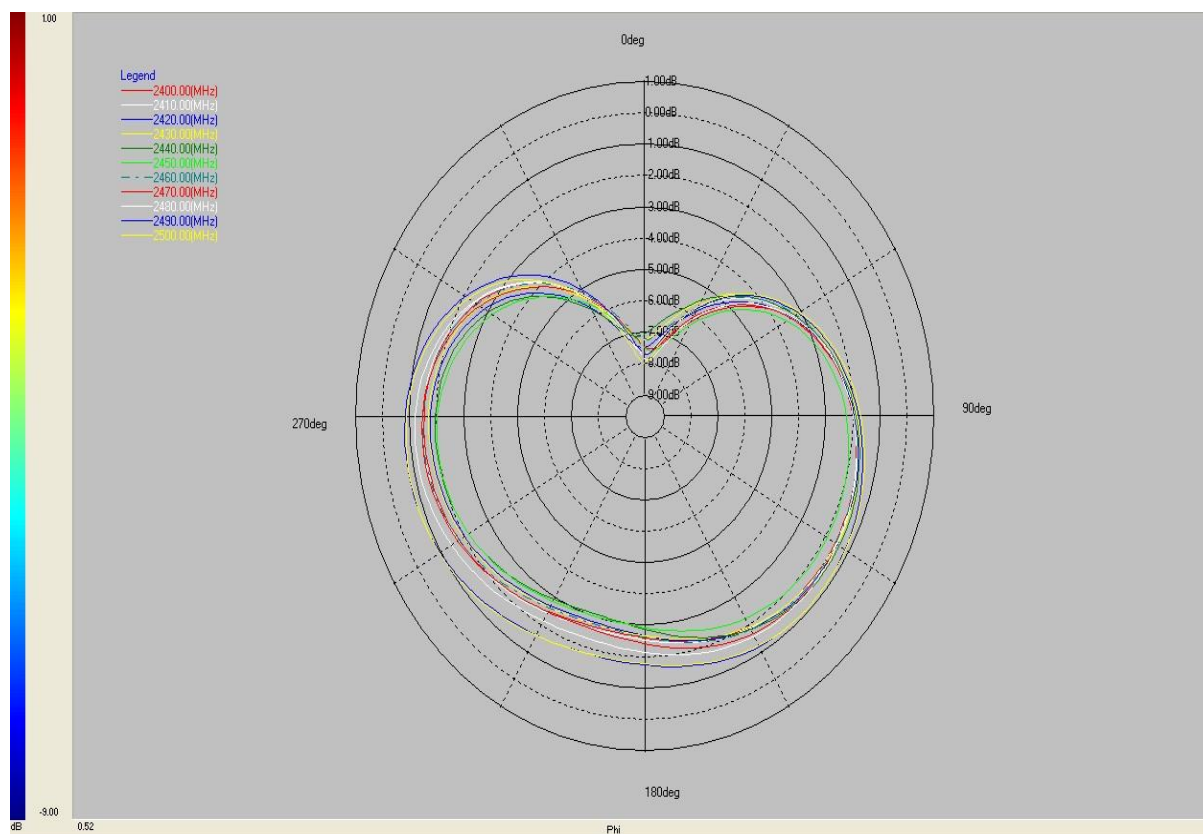
Direction map:



PHI 0°



$\text{PHI } 90^\circ$



THETA 90°