

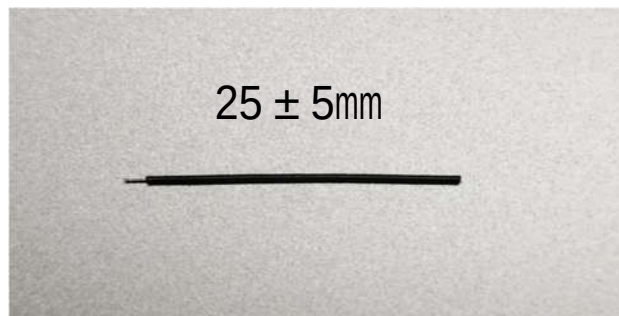
Specification of Bluetooth antenna

一： Introduction of antenna

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The Bluetooth module antenna is directly welded on the PCB board.

二： Antenna Shape



三：

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

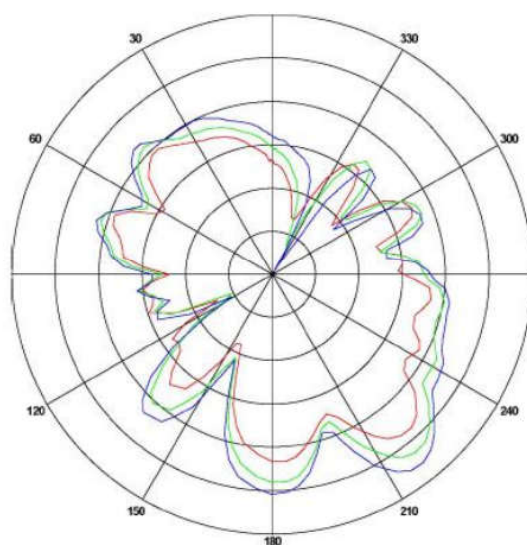
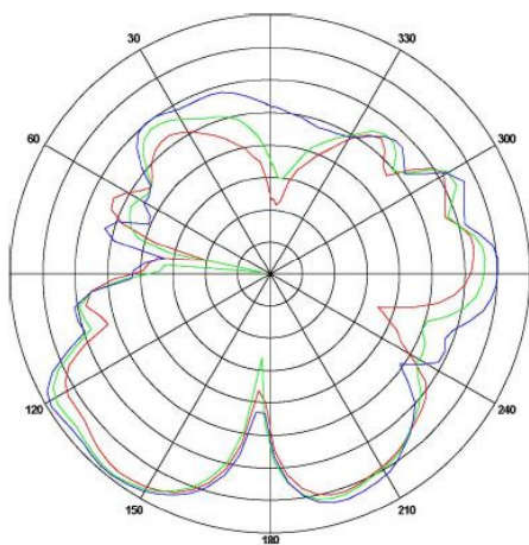
四： gain and efficiency

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

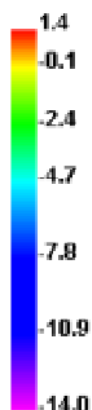
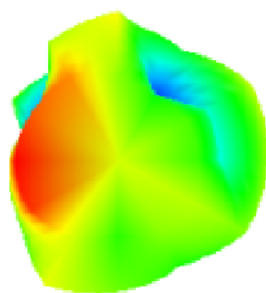
五： Manufacturer and model

Shenzhen dongxintong electronic technology co., ltd

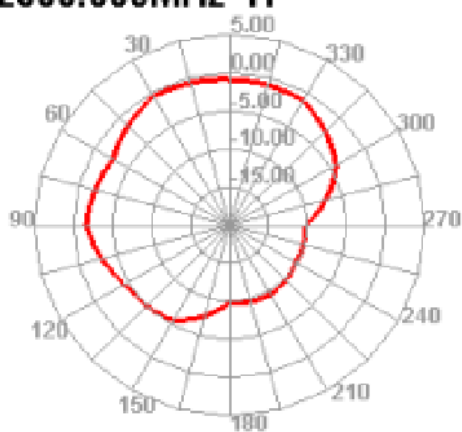
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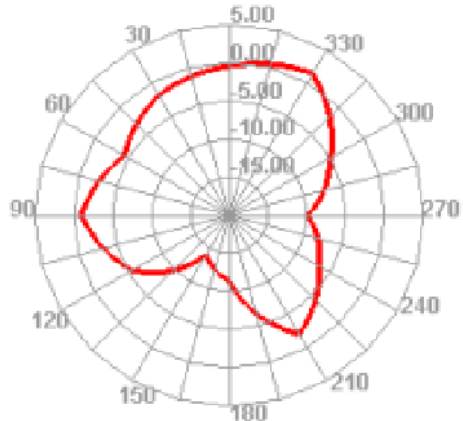
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

