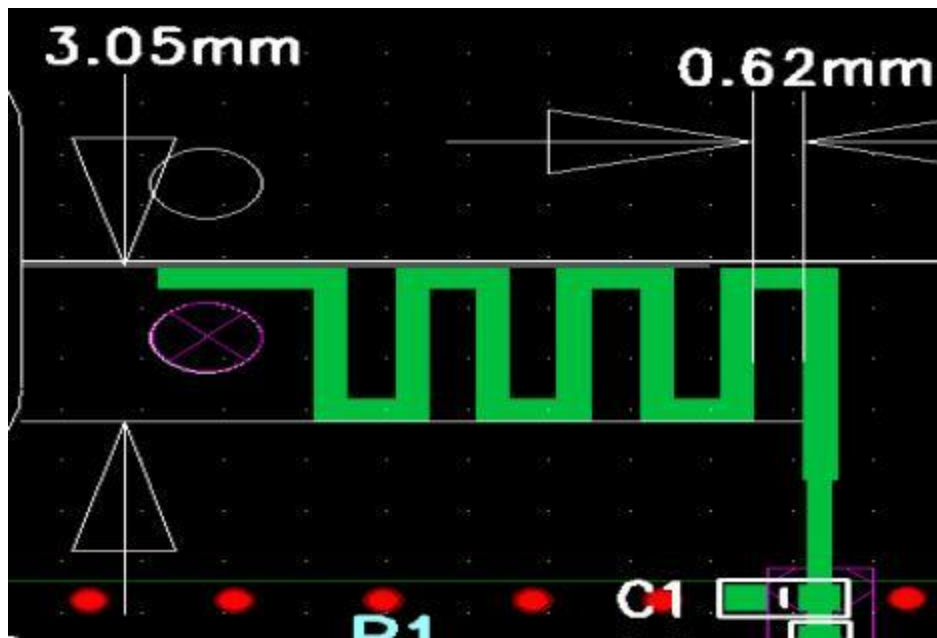


1. Electrical Characteristics

Item	Specification
Model	507-A
Manufacturer	Shenzhen Tai Yilinan Science & Technology Co.,Ltd
Type	PCB Meander Line Antenna
Central frequency	2.441GHz
Bandwidth	78 MHz (Typical value)
Gain	1.81 dBi
Polarization	Linear
VSWR	2 max.
Azimuth Bandwidth	Omni-directional
Impedance	50Ω
Rated Power (max)	4dBm
Maximum Input Power	10dBm
Operation Temperature	-40 C ~ +85 C

2. The suggestion of matching circuit

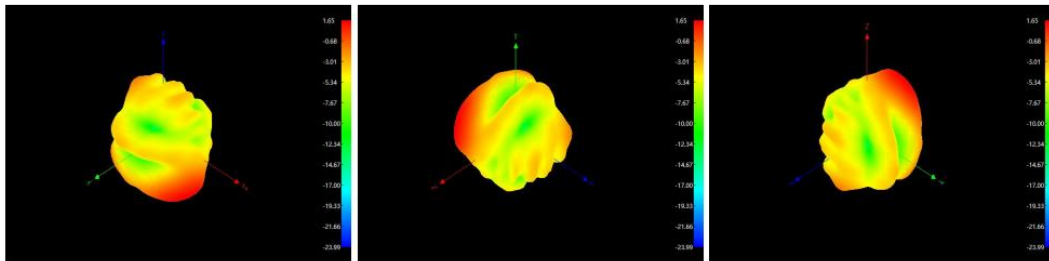


3. The Measurement of S-Parameter and VS

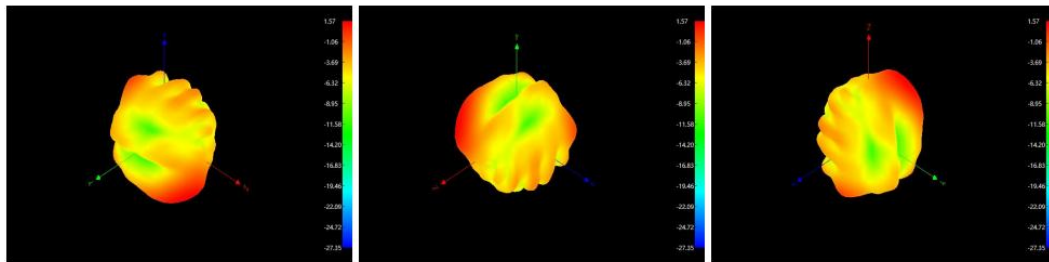
Passive Test For BT Antenna			
Freq (MHz)	Effi (%)		Effi (dB)
2400	53.6		-2.7
2410	54.1		-2.7
2420	54.6		-2.6
2430	56.2		-2.5
2440	57.4		-2.4
2450	57.7		-2.4
2460	57.2		-2.4
2470	57.7		-2.4
2480	56.9		-2.5



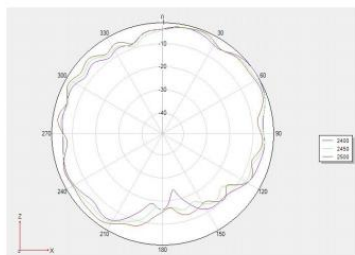
3D 2450:



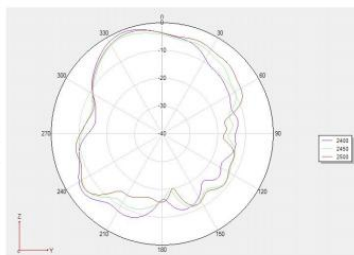
3D 2500:



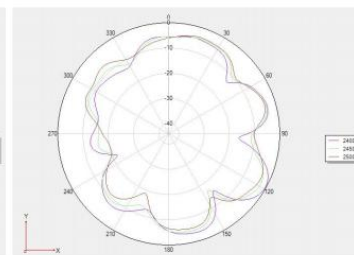
Phi 0 2D 图:



Phi 90 2D 图



Theta 90 2D 图



3D 2400:

