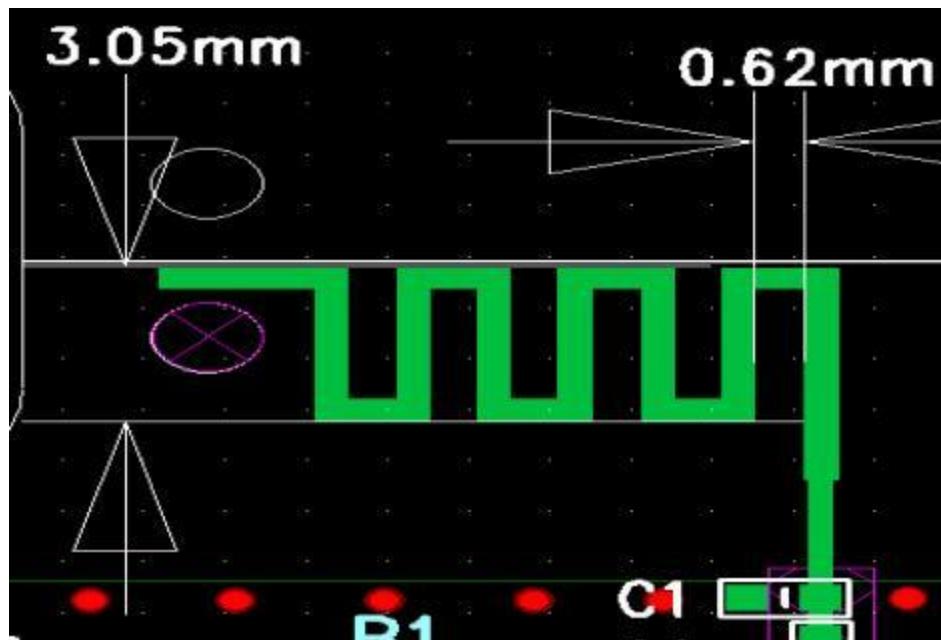


1.Electrical Characteristics

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

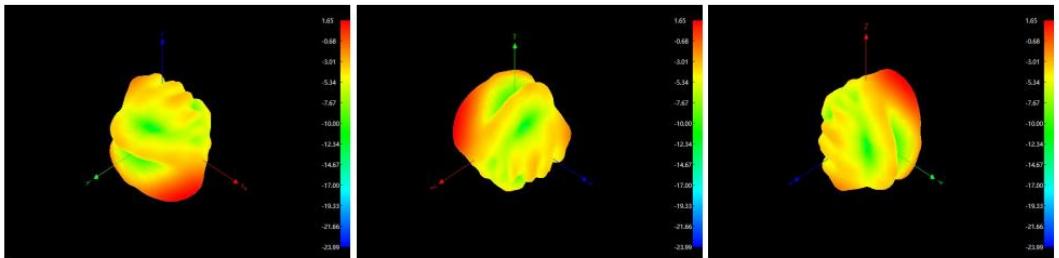


3. The Measurement of S-Parameter and VS

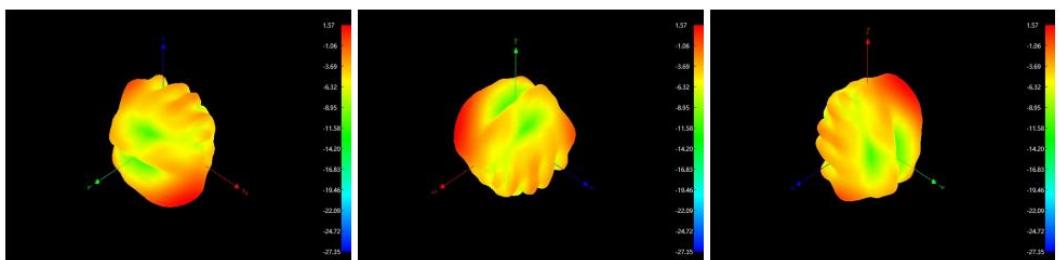
Passive Test For BT Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	53.6	-2.7	1.78
2410	54.1	-2.7	1.75
2420	54.6	-2.6	1.69
2430	56.2	-2.5	1.7
2440	57.4	-2.4	1.72
2450	57.7	-2.4	1.81
2460	57.2	-2.4	1.81
2470	57.7	-2.4	1.3
2480	56.9	-2.5	1.4



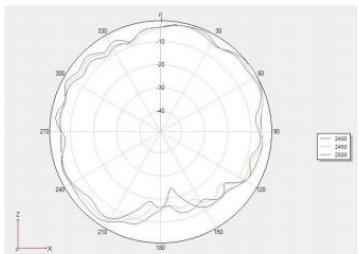
3D 2450:



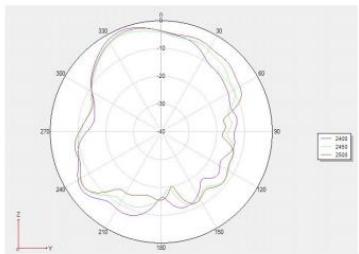
3D 2500:



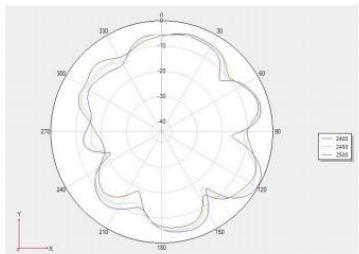
Phi 0 2D 图:



Phi 90 2D 图



Theta 90 2D 图



3D 2400:

