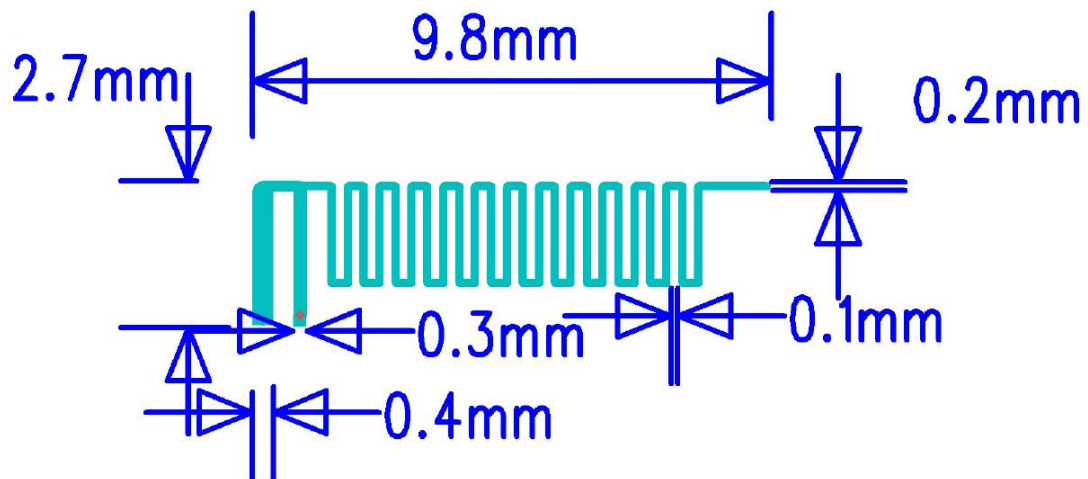


## Antenna Specification

### 1. Antenna describe:

Antenna gain	-1.37 dBi
Bluetooth solution	AC6951C
Frequency range	2.402GHZ-2.480GHZ
Connector type	Direct
Model Name	2.4G F ANT
Impedance	50 Ohm
Antenna type	PCB ANT
Manufacture	SHENZHEN ALANTE TECHNOLOGY CO LTD No. 4, Lane 1, Changkeng Village, Bantian Street, Longgang District, Shenzhen

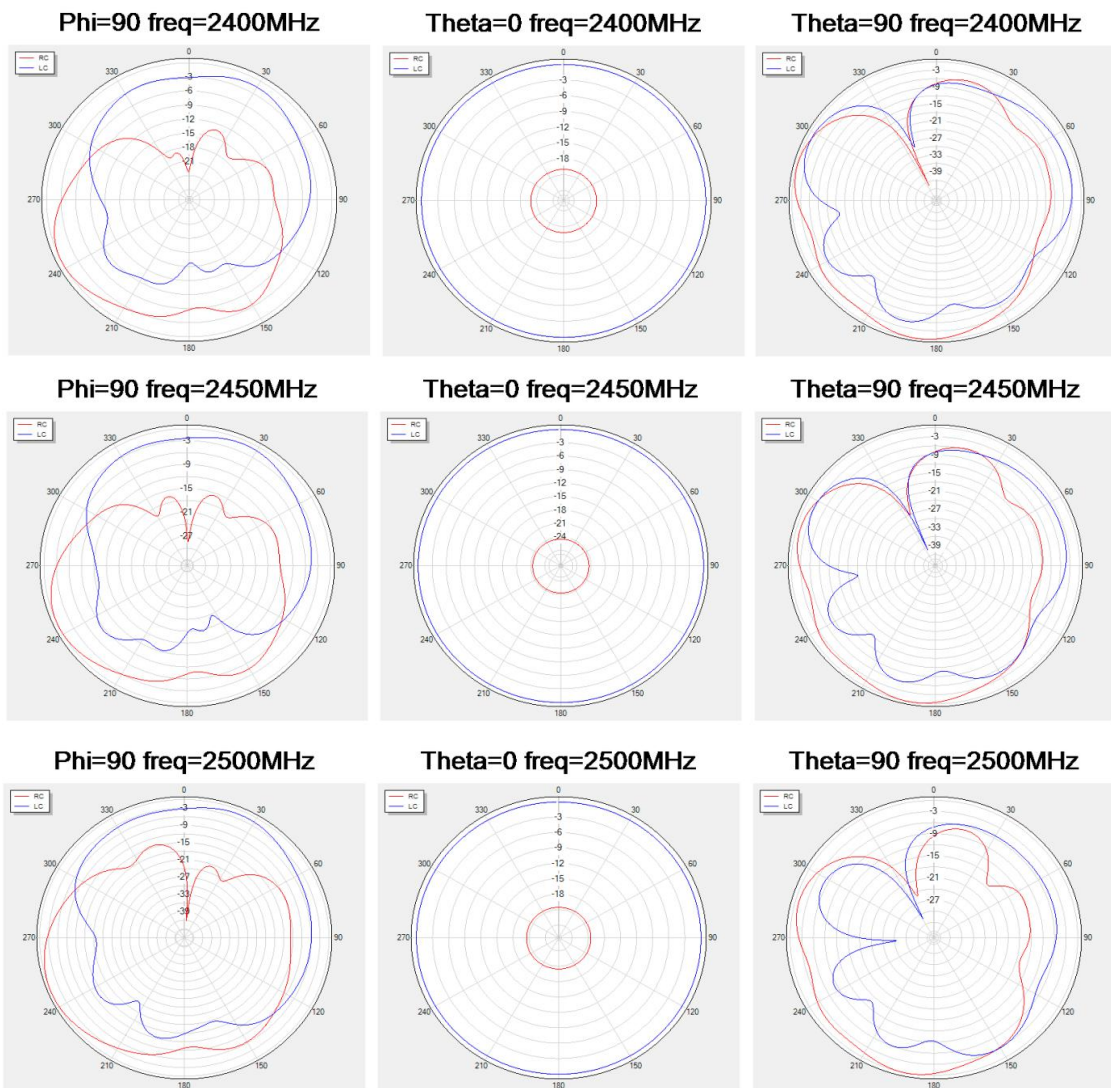
### PCB Antenna size:



## 2. Antenna Radiation Pattern

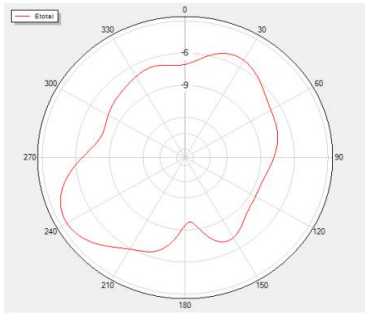
frequency 频率(MHz)	gain 增益(dBi)	gain 增益对应角度(°)	CO Gain 主极化最大 增益(dBi)	CP Gain 交叉极化最 大增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-2.93	$\psi=330,\theta=140$	0	0	-6.68	21.48
2450	-1.37	$\psi=309,\theta=56$	0	0	-5.25	29.88
2500	-1.94	$\psi=306,\theta=58$	0	0	-5.27	29.68

PolarGraphs:

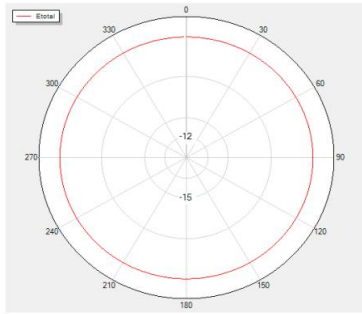


EtotalGraphs:

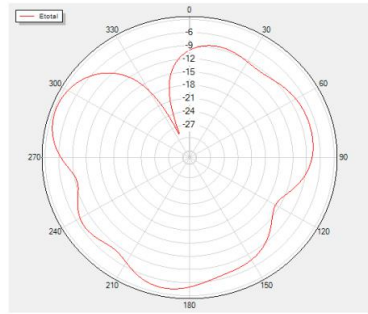
**Phi=90 Freq=2400MHz**



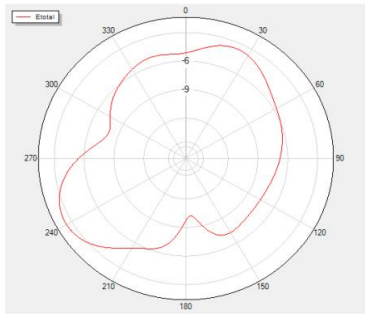
**Theta=0 Freq=2400MHz**



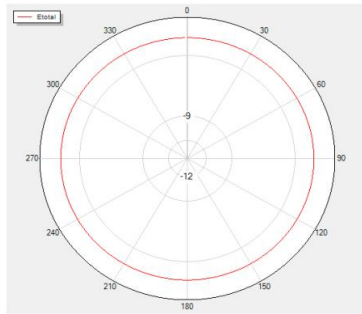
**Theta=90 Freq=2400MHz**



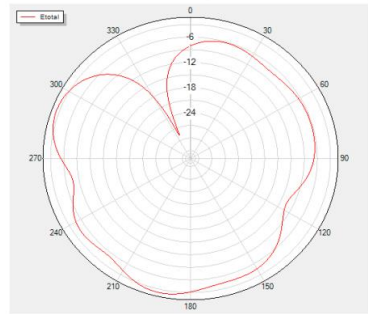
**Phi=90 Freq=2450MHz**



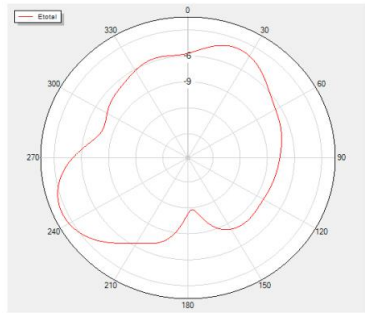
**Theta=0 Freq=2450MHz**



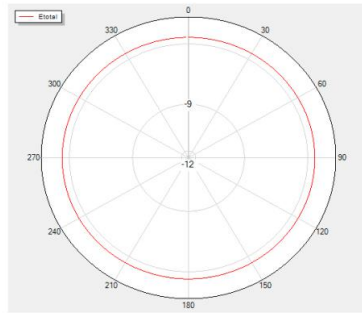
**Theta=90 Freq=2450MHz**



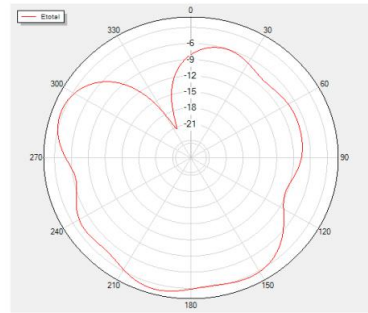
**Phi=90 Freq=2500MHz**



**Theta=0 Freq=2500MHz**



**Theta=90 Freq=2500MHz**



3D\_Graphs:

