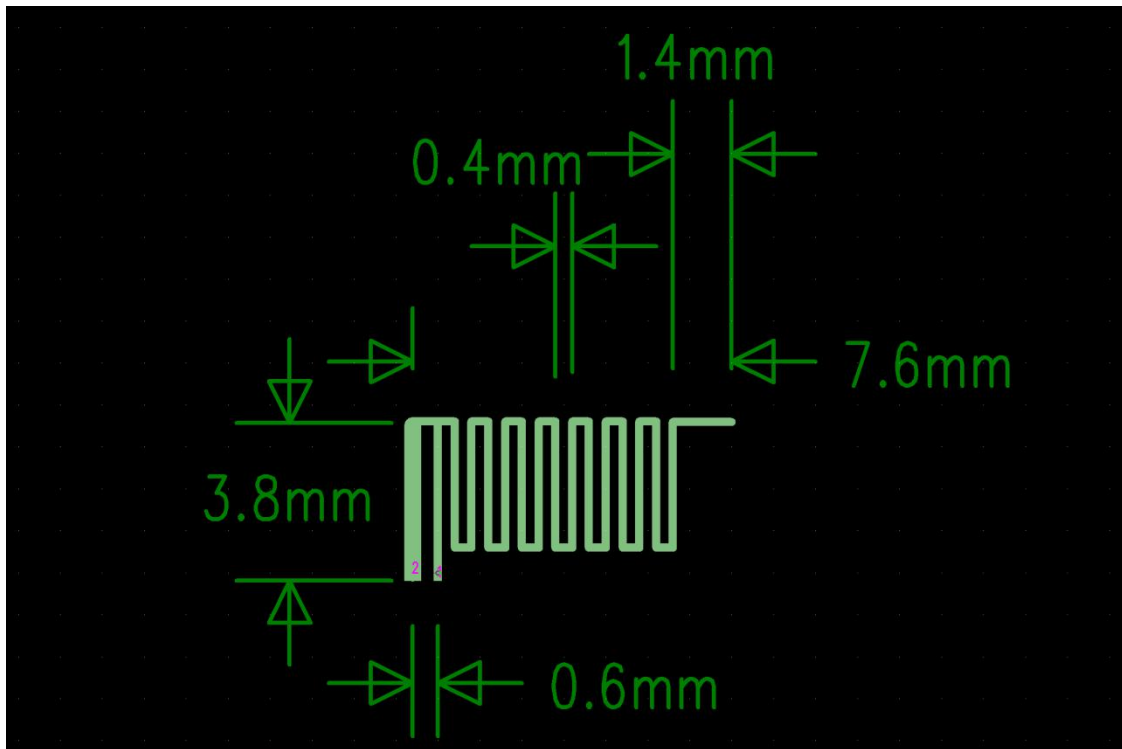


## Antenna Specification

### 1. Antenna describe:

Antenna gain	0dBi
Bluetooth solution	AC6321A
Frequency range	2.402GHZ-2.480GHZ
Connector type	direct
Model Name	2.4G ANT
Impedance	50 Ohm
Antenna type	PCB ANT
Manufacture	SHENZHEN ALANTE TECHNOLOGY CO LTD

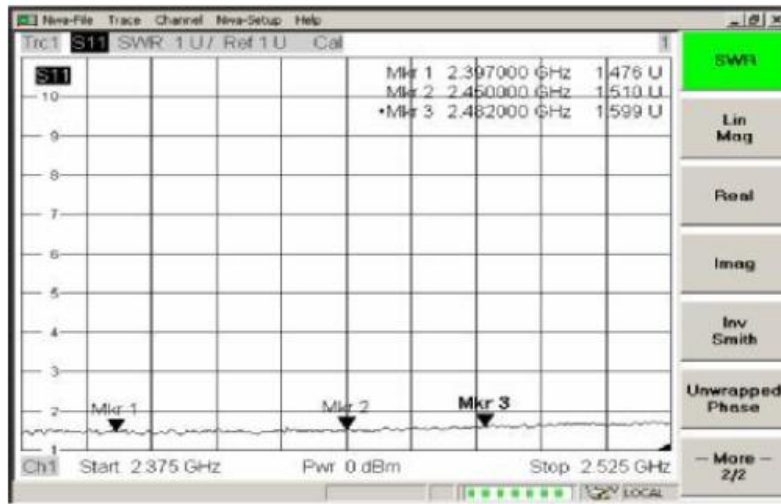
### PCB Antenna size:



## 2. Antenna Radiation Pattern

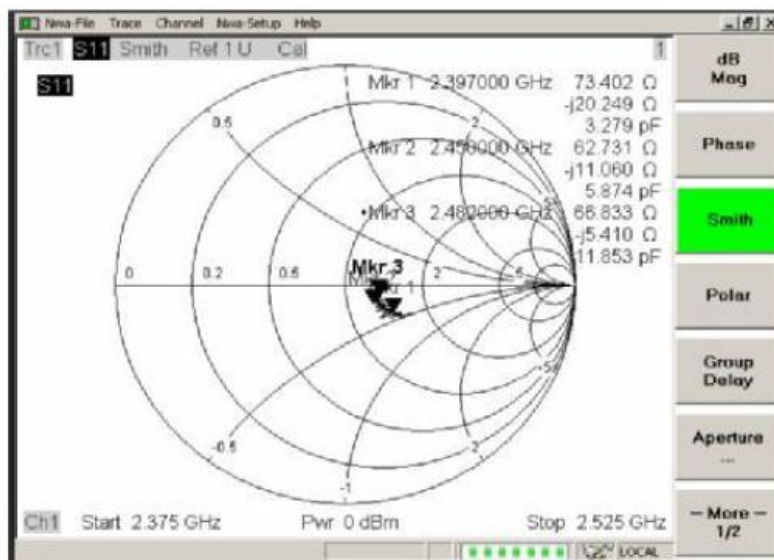
### ① VSWR

Mkr1: 2397MHz 1.47    Mkr2: 2450MHz 1.51    Mkr3: 2482 MHz 1.59



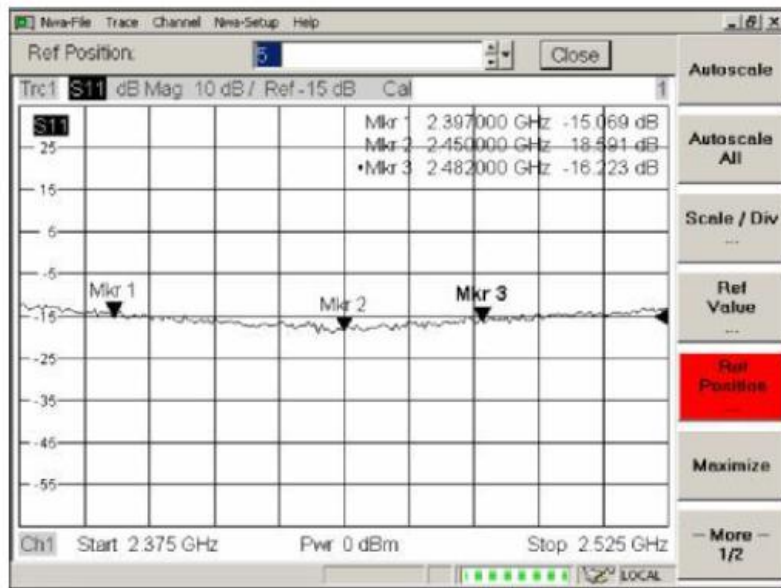
### ② Smith Char

Mkr1: 2397MHz 73.4    Mkr2: 2450MHz 62.7    Mkr3: 2482MHz 66.8



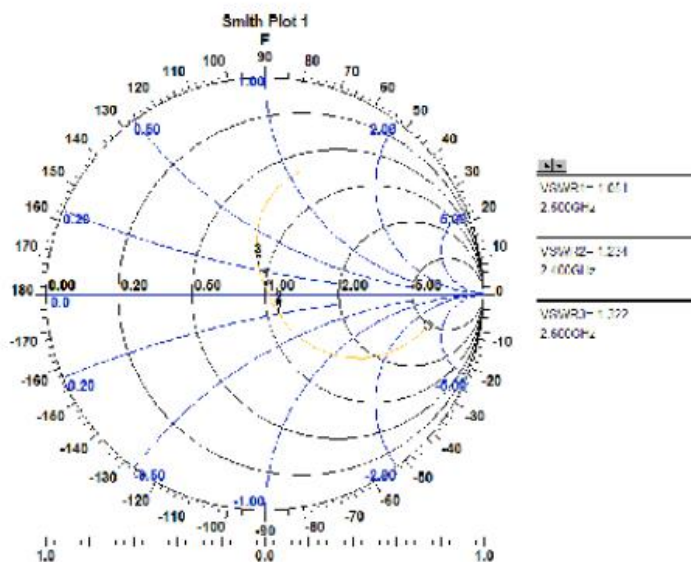
③Return Loss

Mkr1: 2397MHz -15 Mkr2: 2450MHz -18 Mkr3: 2482 MHz -16



④Smith Char 仿真

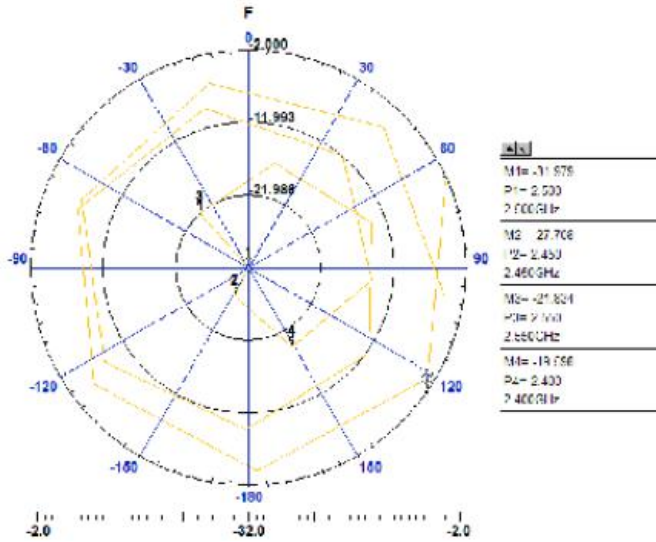
Mkr1: 2400MHz 1.234 Mkr2: 2500MHz 1.051 Mkr3: 2600MHz 1.322



⑤ Return Loss 仿真

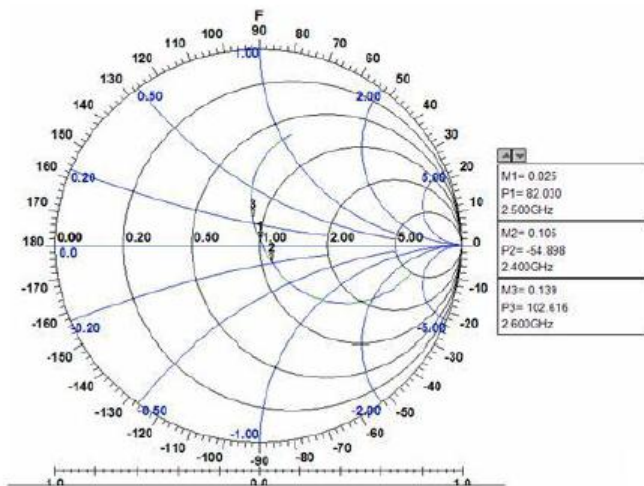
Mkr1: 2400MHz -19.59 Mkr2: 2450MHz -27.70 Mkr3: 2500MHz -31.97

Mkr4: 2550MHz -21.83

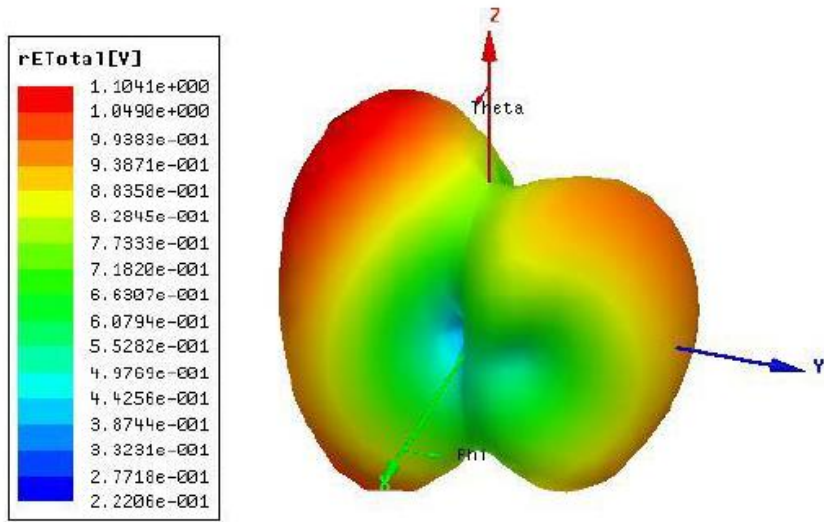


⑥ Phase 仿真

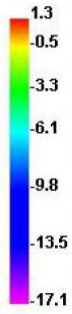
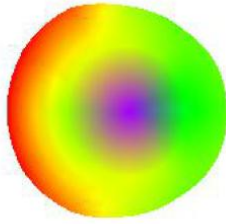
Mkr1: 2400MHz -54.89 Mkr2: 2500MHz -82.03 Mkr3: 2600MHz -102.6



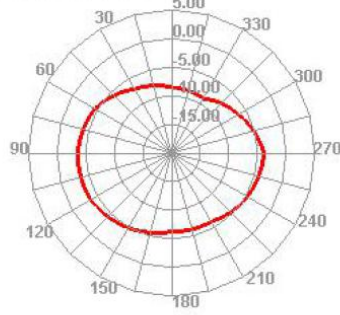
### 3D 辐射场型图



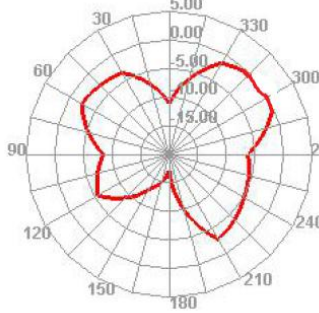
2400.000MHz



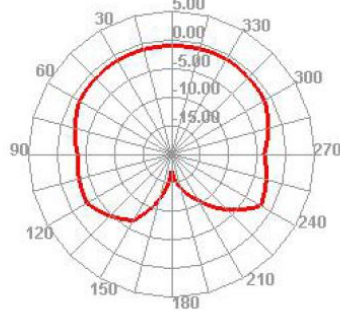
2400.000MHz H



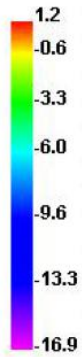
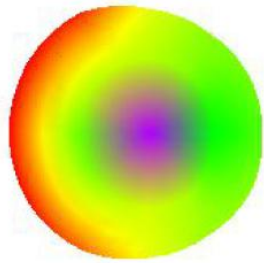
2400.000MHz E1



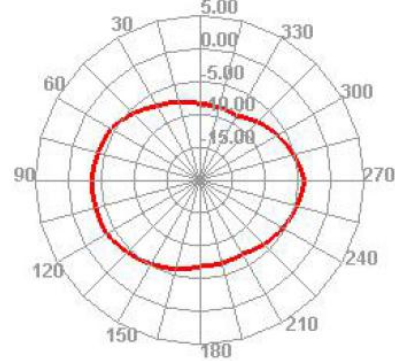
2400.000MHz E2



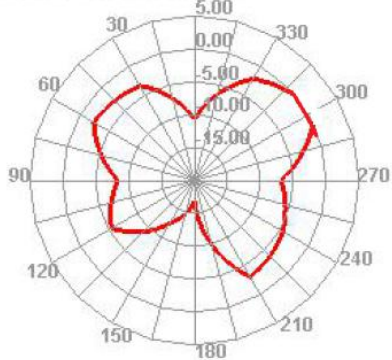
2410.000MHz



2410.000MHz H



2410.000MHz E1



2410.000MHz E2

