

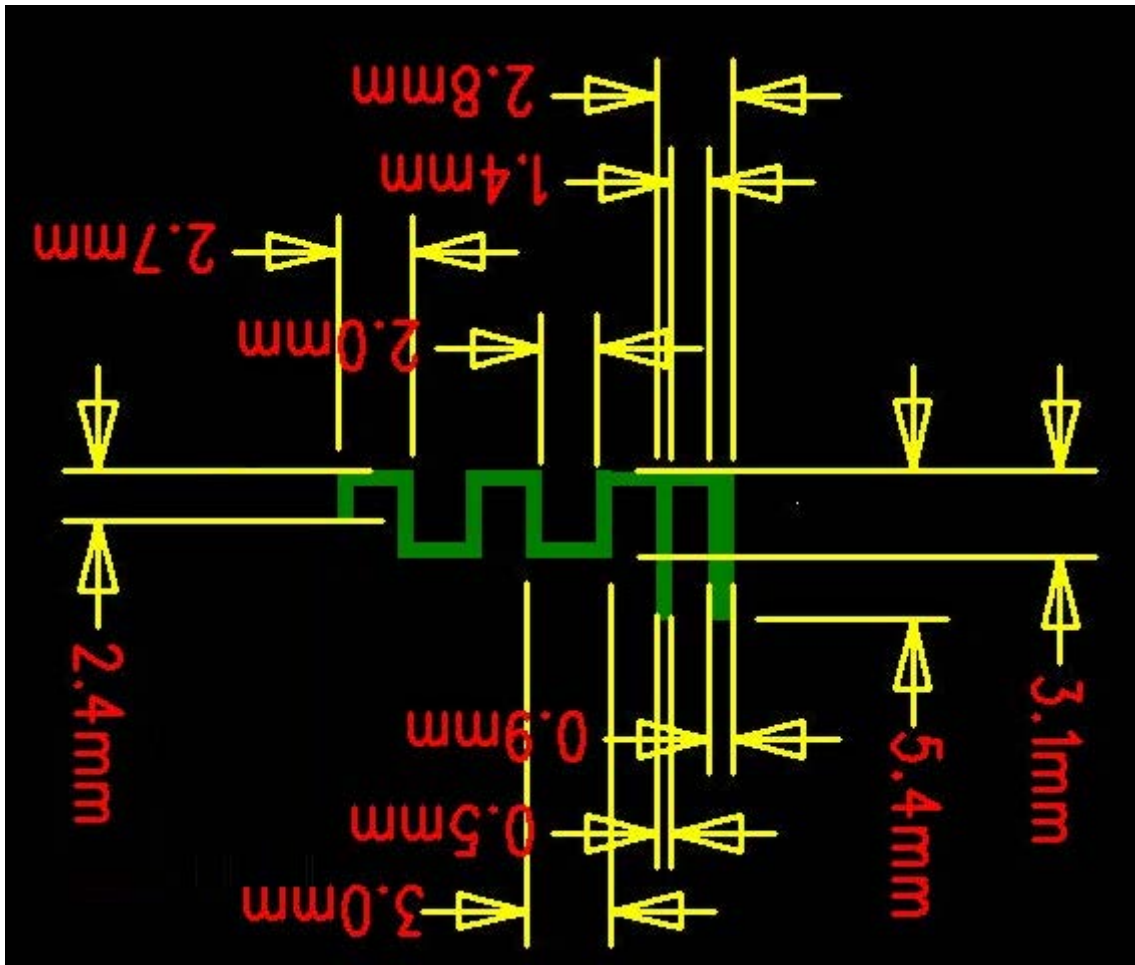
# Antenna Describe

## 1: Antenna Describe

<b>Antenna</b>	<b>PCB</b>
<b>Antenna Gain</b>	<b>4.5121dBi</b>
<b>Frequency Range</b>	<b>2.4Ghz-2.5Ghz</b>
<b>Connector Type</b>	<b>Direct</b>
<b>Location of mearement(company name)</b>	<b>SHENZHEN SHIXINZHONGXI N TECHNOLOGY.CO.,LTD</b>

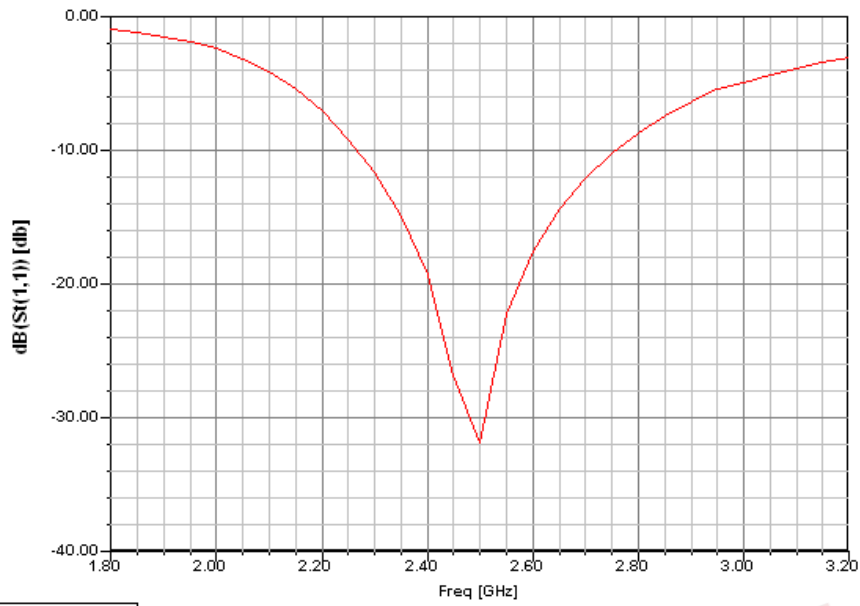
## 2: External View Drawing

Picture of antenna



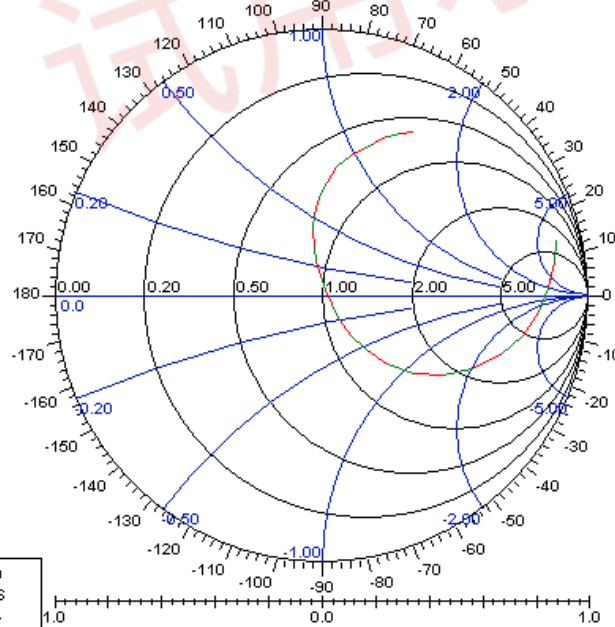
### 3: Measurement Result

#### 3.1 Return Loss (S11 )



XY: 2.45GHz -26.31

### 3.2 Smith Chart

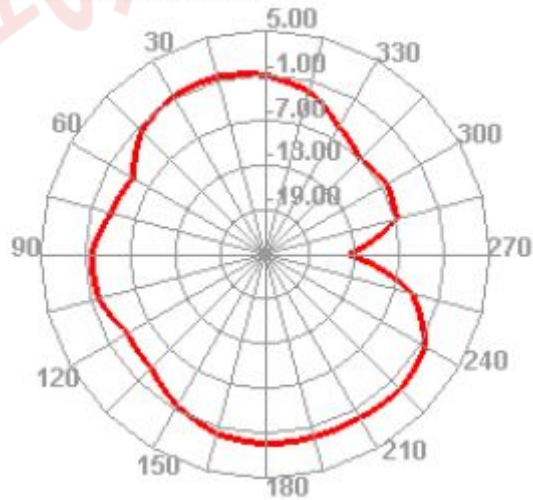


MP: 0.025 45.000  
 RX: 1.035 + j0.036  
 GB: 0.965 - j0.034  
 Q: 0.035  
 YSWR: 1.051

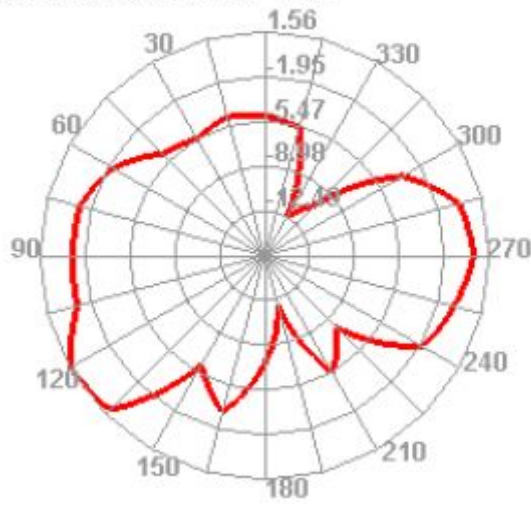
### 3.3 Gain

Frequency	Gain(dBi)
2400MHz	4.09094
2410MHz	4.2202
2420MHz	4.39175
2430MHz	4.31876
2440MHz	4.17793
2450MHz	4.17943
2460MHz	4.25398
2470MHz	4.42179
2480MHz	4.5121
2490MHz	4.5111
2500MHz	4.26374

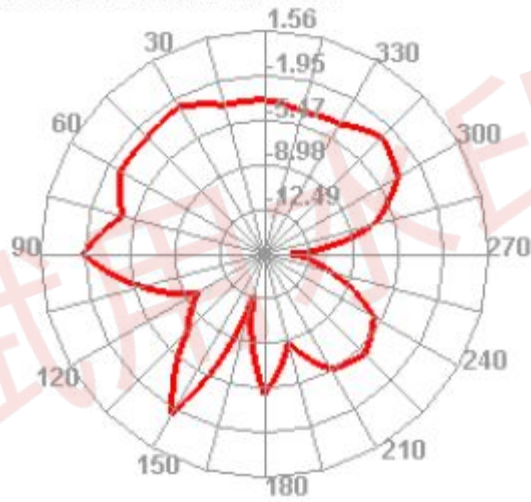
2400.000MHz H



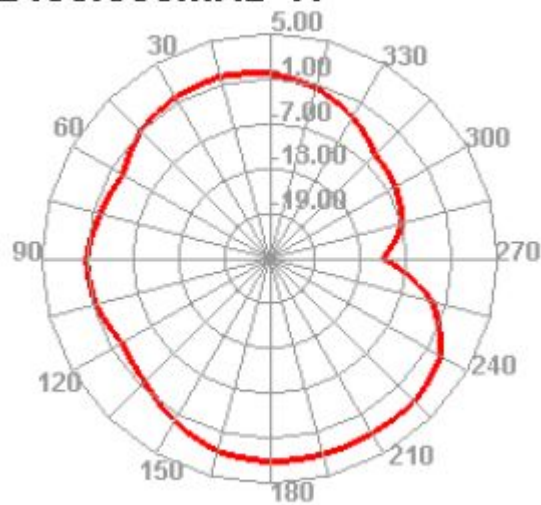
### 2400.000MHz E1



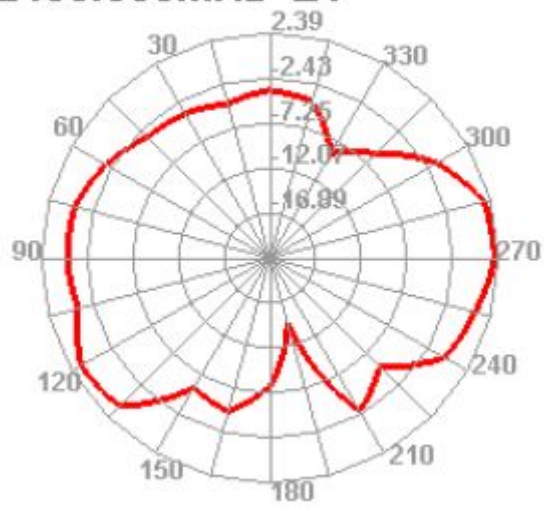
### 2400.000MHz E2



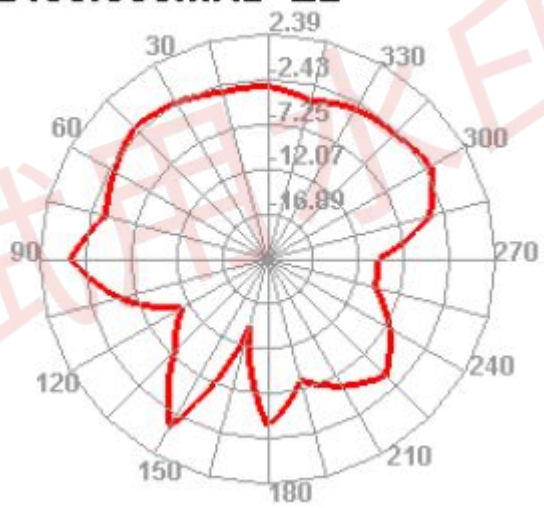
### 2450.000MHz H



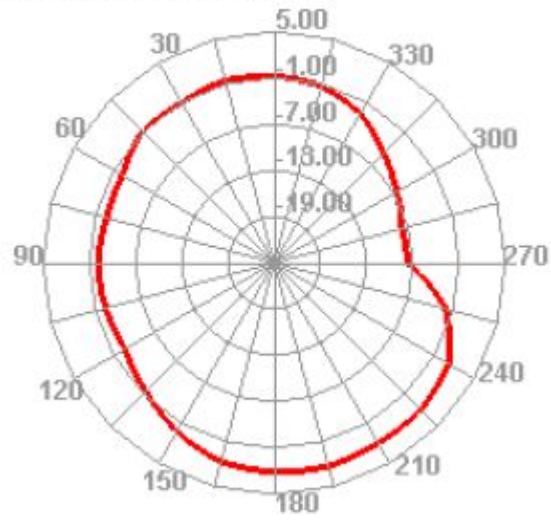
### 2450.000MHz E1



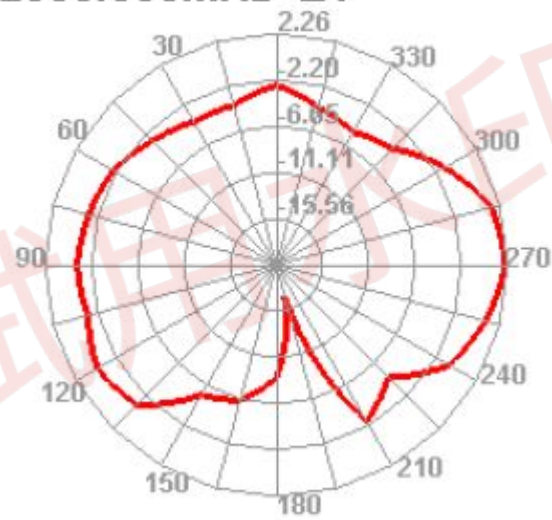
### 2450.000MHz E2



### 2500.000MHz H



### 2500.000MHz E1



### 2500.000MHz E2

