

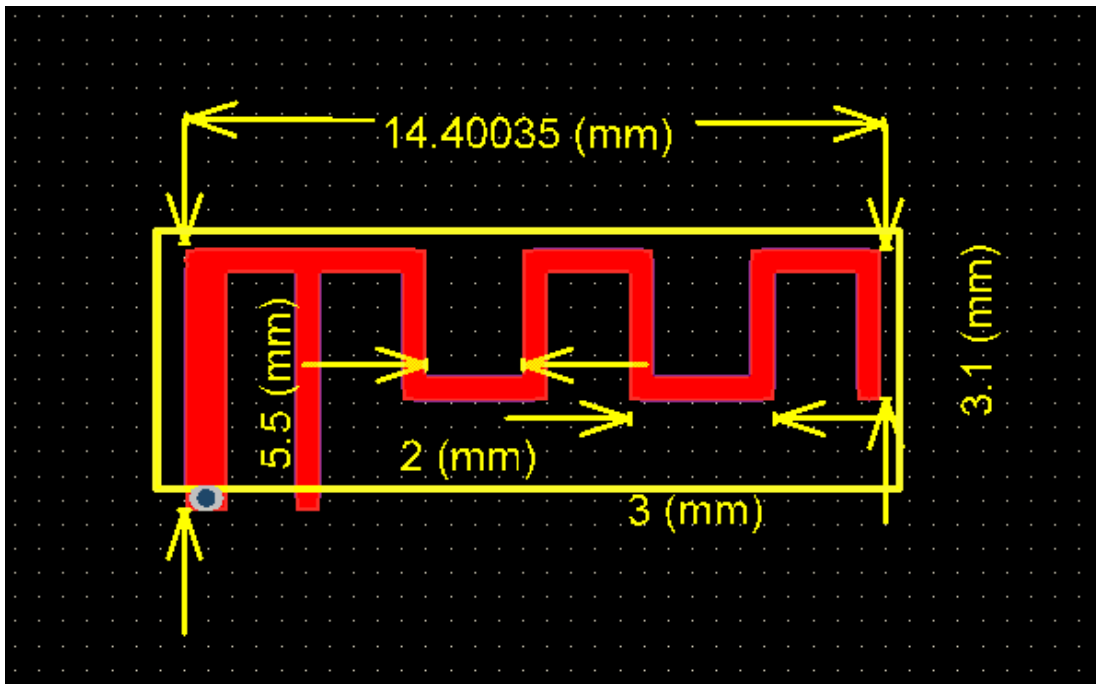
# Antenna Describe

## 1 : Antenna Describe

Antenna	PCB
Antenna Gain	0DBi
Frequency Range	2.4Ghz-2.483Ghz
Connector Type	Direct
Location of mearement(company name)	SHENZHEN SHIXINZHONGXN TECHNOLOGY.CO.,LTD

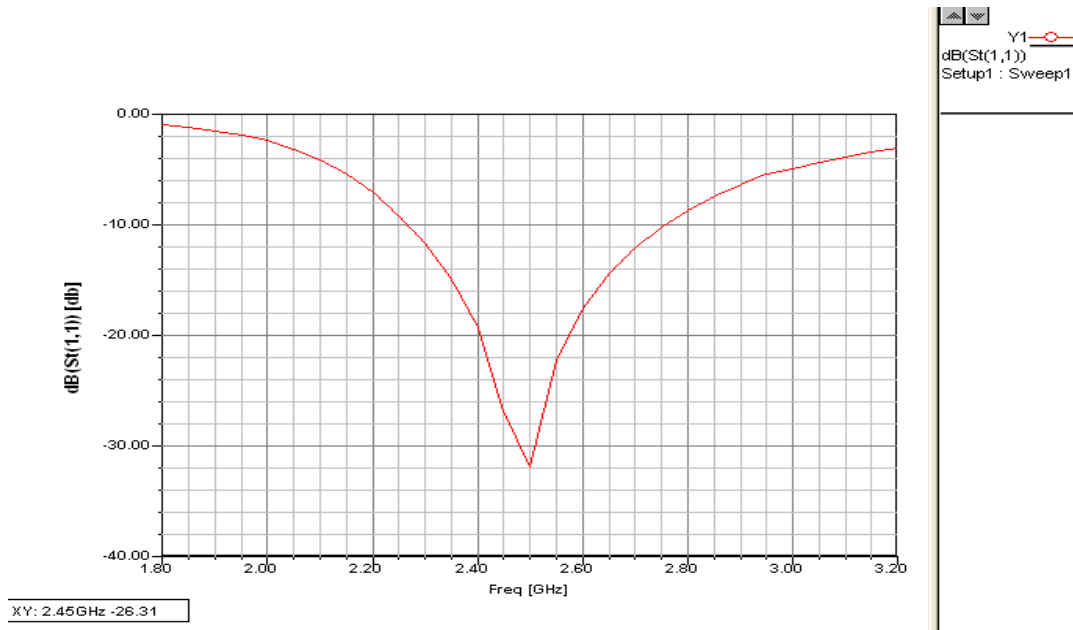
## 2 : External View Drawing

Picture of antenna

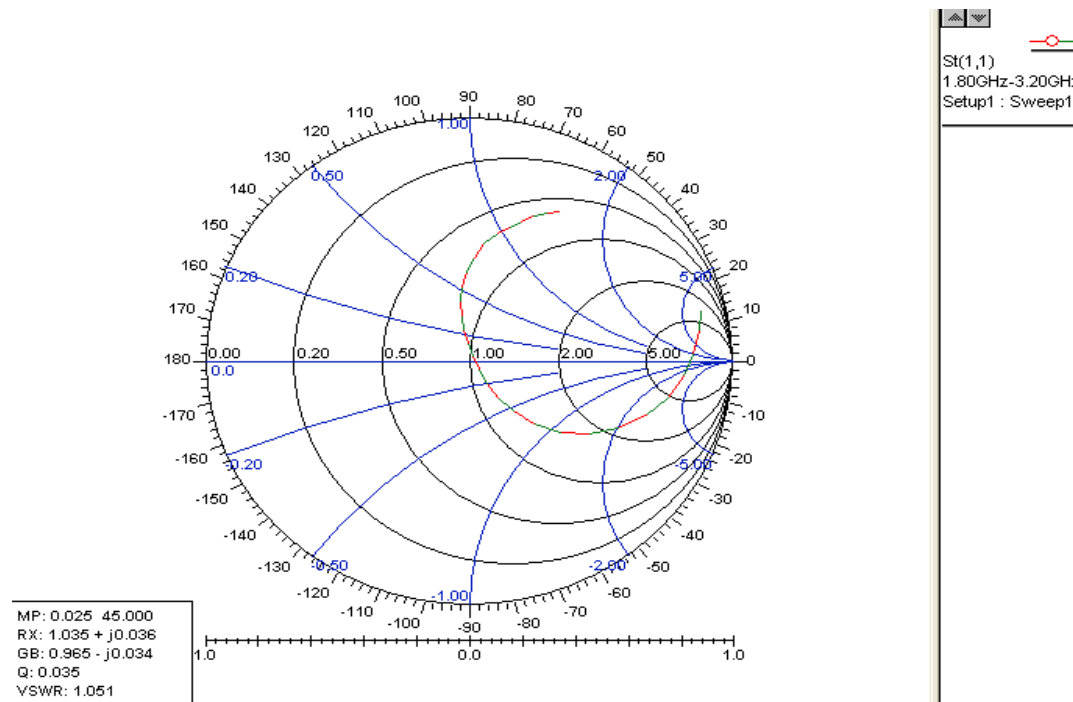


### 3 : Measurement Result

#### 3.1 Return Loss (S11 )



#### 3.2 Smith Chart

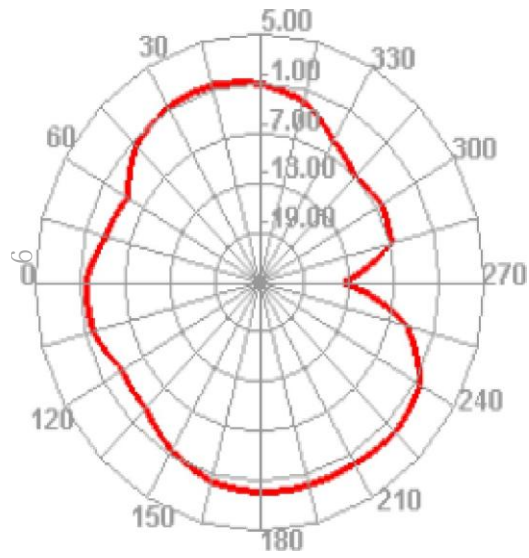


#### 3.3 Gain

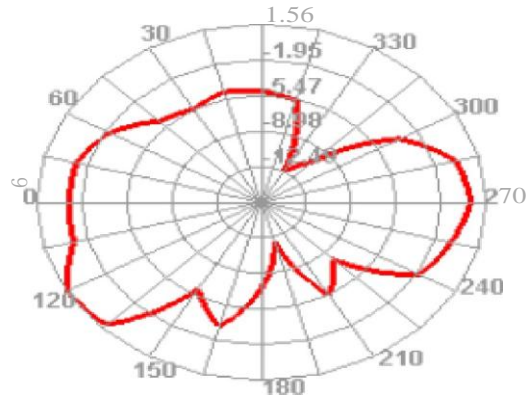
Freq (MHz)	Effi (%)	Gain (dBi)
2400	30.91	-1.2
2410	30.74	-0.21

2420	31.4	-0.18
2430	32.06	-0.18
2440	32.66	-0.24
2450	33.14	-0.37
2460	33.31	-0.48
2470	33.49	0
2480	33.81	-0.25
2490	33.79	-0.79
2500	33.38	-0.06

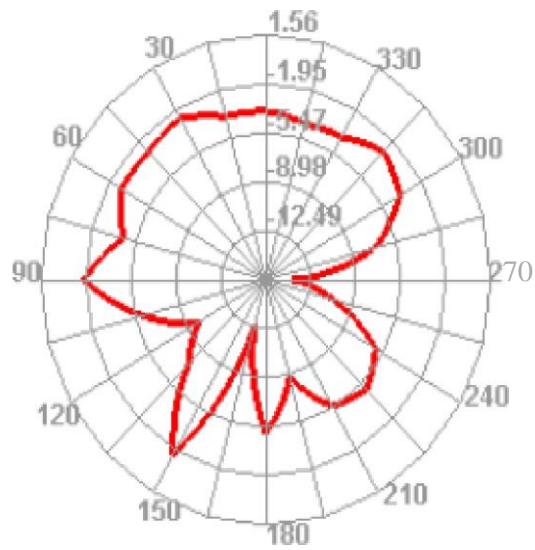
2400.000MHz H



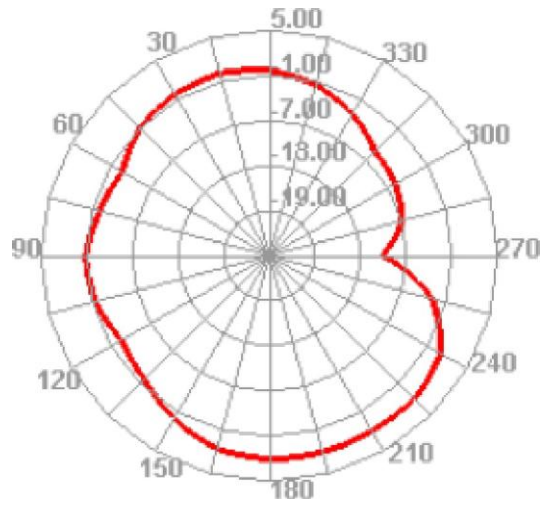
2400.000MHz E1



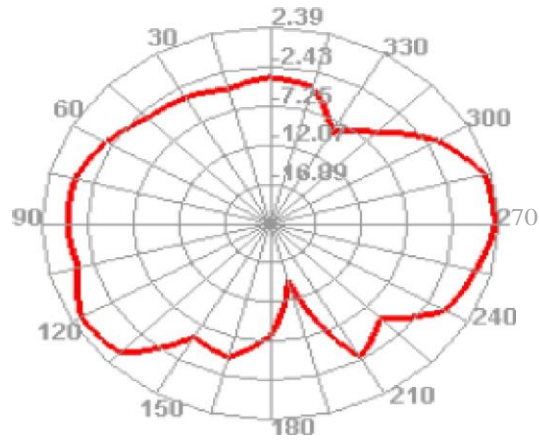
2400.000MHz E2



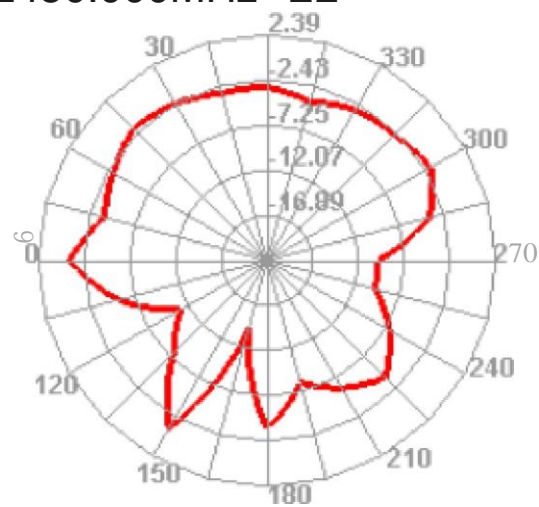
2450.000MHz H



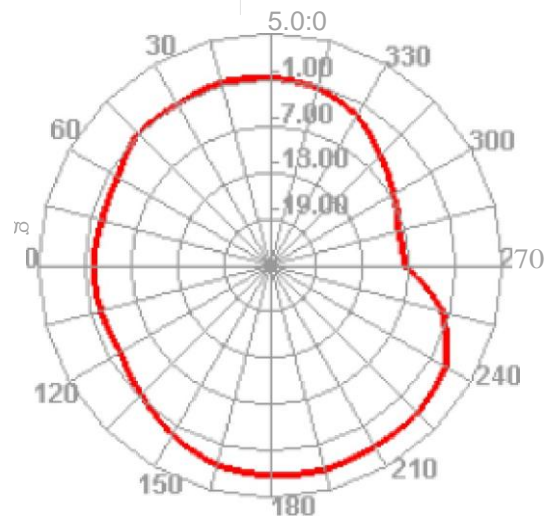
2450.000MHz E1



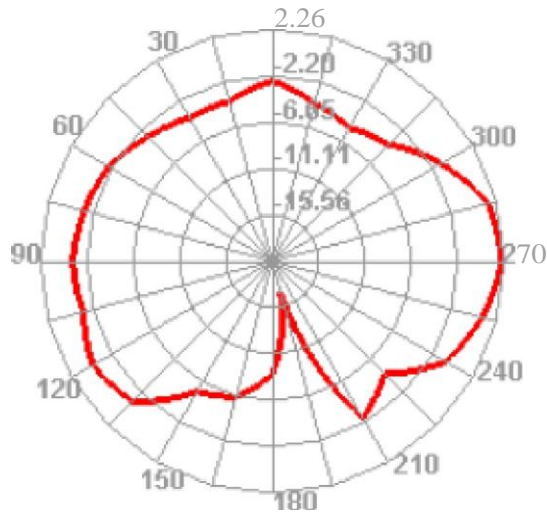
2450.000MHz E2



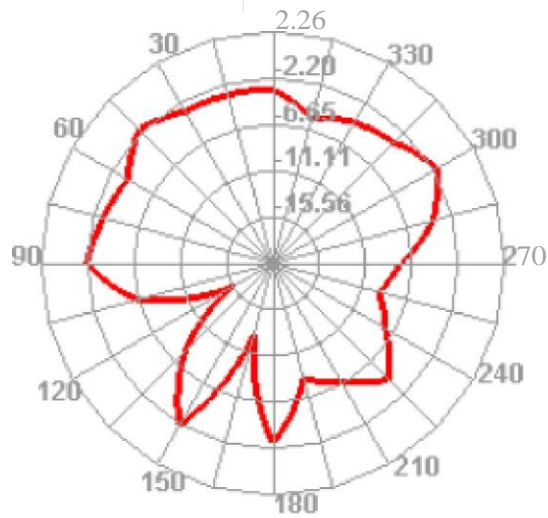
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



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dll(GainTotal)

3.0832e+000  
2.0961e+000  
1.1089e+000  
1.2178e-001  
-8.6537e-001  
-1.8525e+000  
-2.8397e+000  
-3.8268e+000  
-4.8140e+000  
-5.8011e+000  
-6.7882e+000  
-7.7754e+000  
-8.7625e+000  
-9.7497e+000  
-1.0737e+001  
-1.1724e+001  
-1.2711e+001

