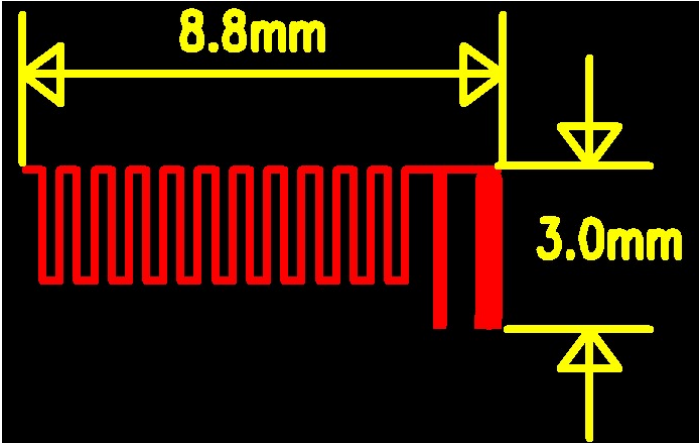

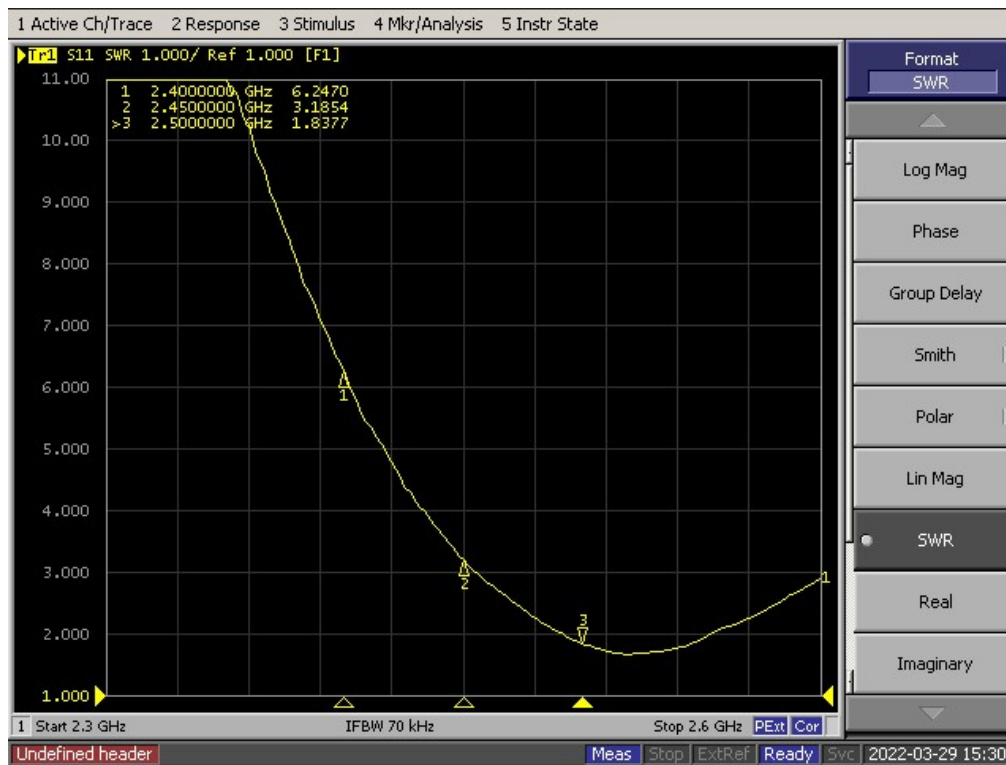


## 2.4 GHz Antenna Specifications

### 1. Summary

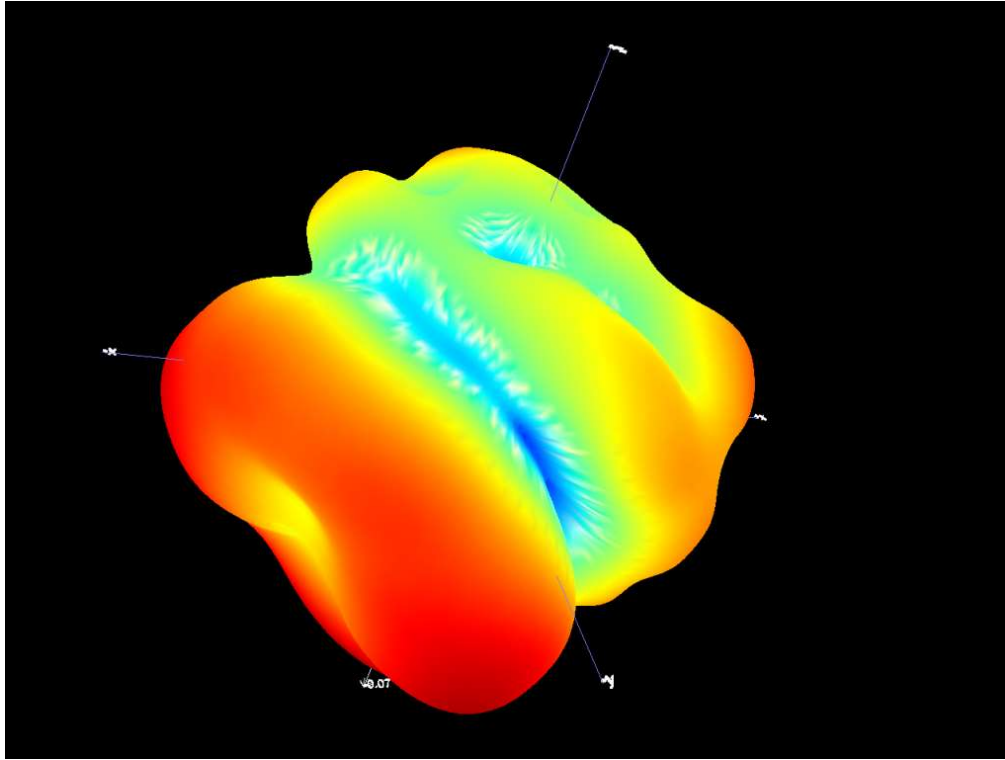
Item	Units	Value
Outline		
Dimension	mm	L=8.8, H=3.0
Frequency Band	MHz	2400~2480
Antenna Type		PCB
Model		BYF1028
Max Gain	dBi	2.14
Input Impedance	Ohm	50
Antenna Length	mm	60
Manufacture		JLC Technology Group
Trademark		

## 2. S11

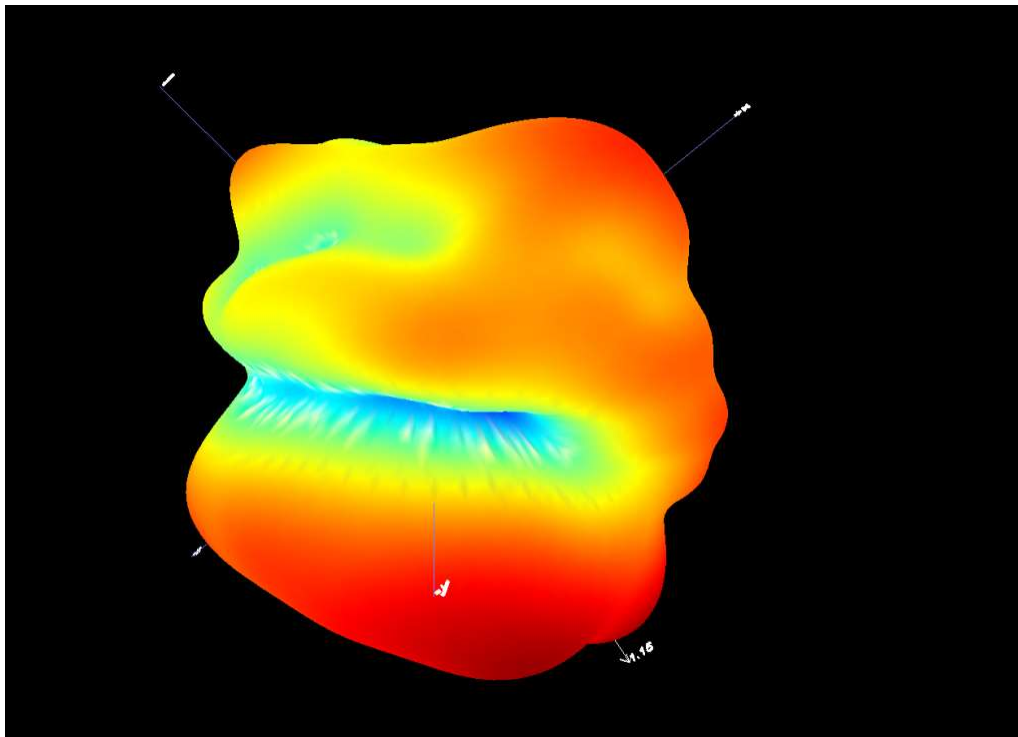


## 3. Radiation Pattern

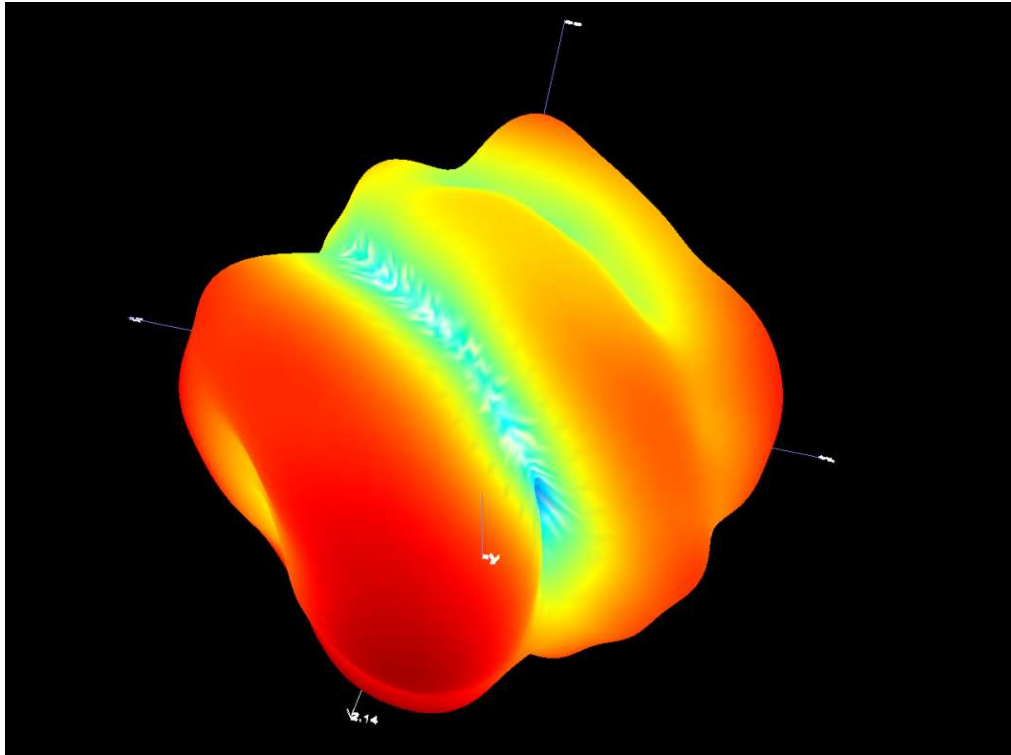
2400MHz



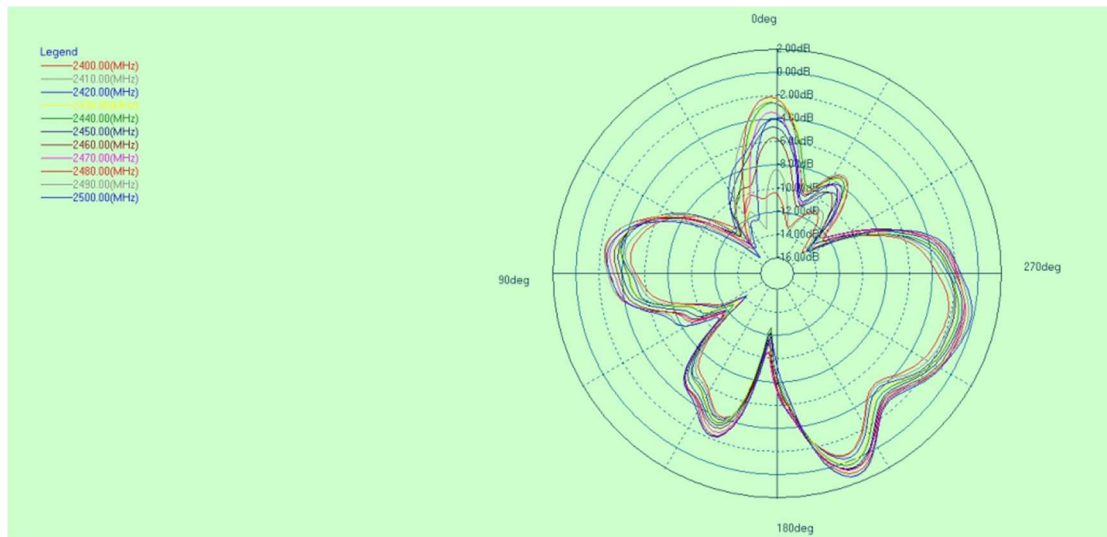
2450MHz



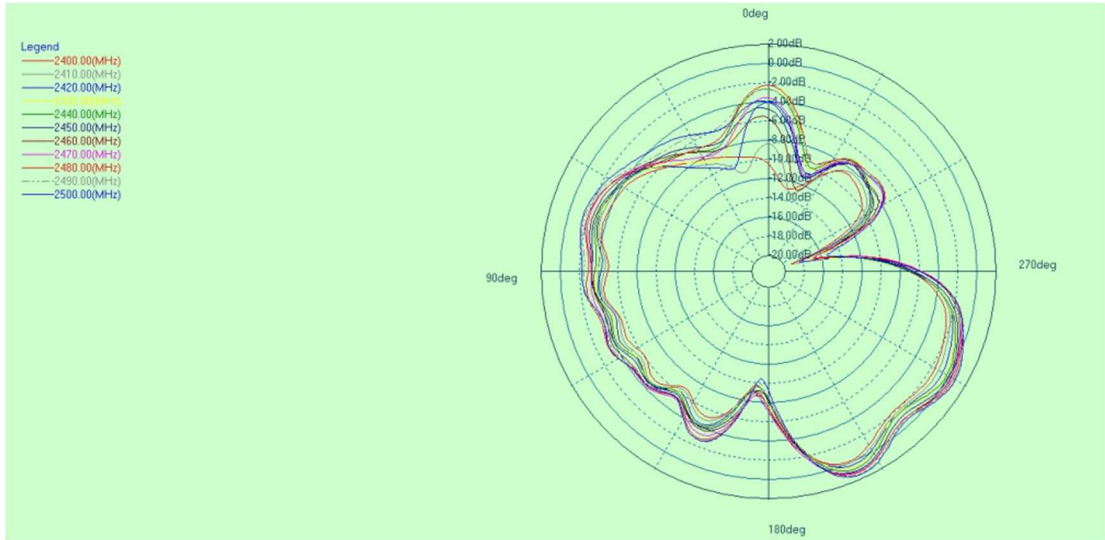
2500MHz



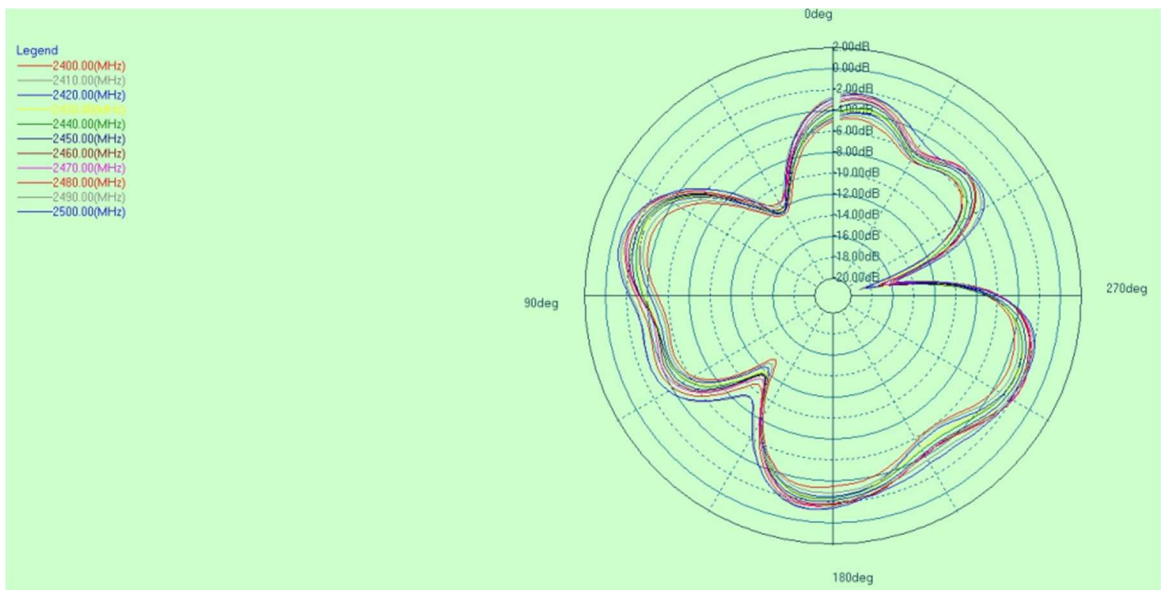
Phi=0



Phi=90



Theta=90



#### 4.Test Data

Test Data	1#	
Frequency	Gain (dBi)	Efficiency(%)
2400MHz	-0.07	23%
2410MHz	0.21	25%
2420MHz	0.54	26%
2430MHz	0.77	28%
2440MHz	0.93	29%
2450MHz	1.15	30%
2460MHz	1.38	32%
2470MHz	1.75	33%
2480MHz	2.04	34%
2490MHz	2.14	35%
2500MHz	2.14	35%