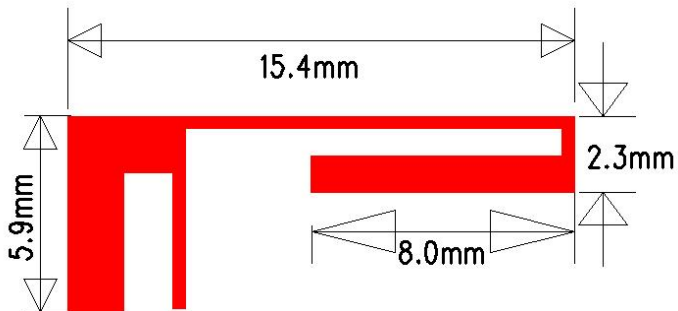


2.4 GHz PCB Antenna Specifications

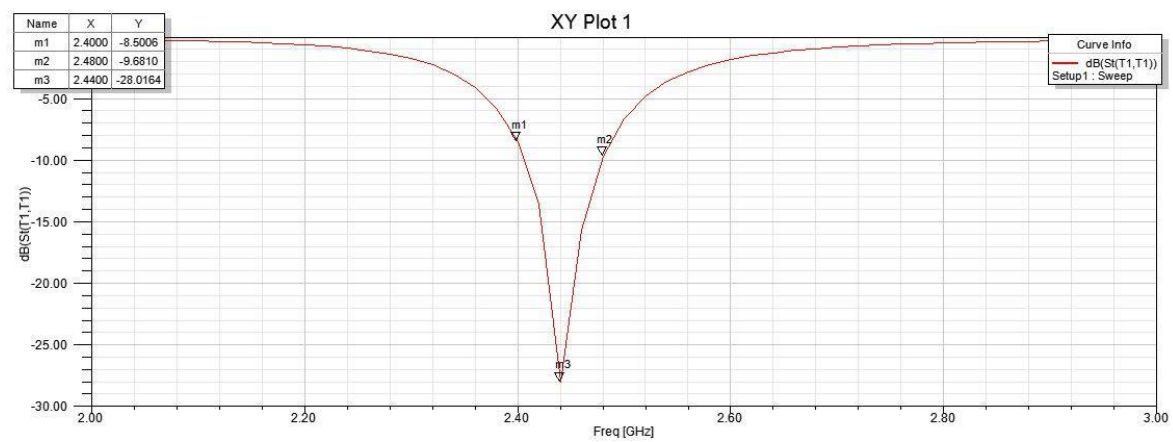
Applicant: Shenzhen JLC Technology Group Co.,Ltd.

Address:Olympic Building, No. 2 Shangbao Road, Futian District, Shenzhen, China

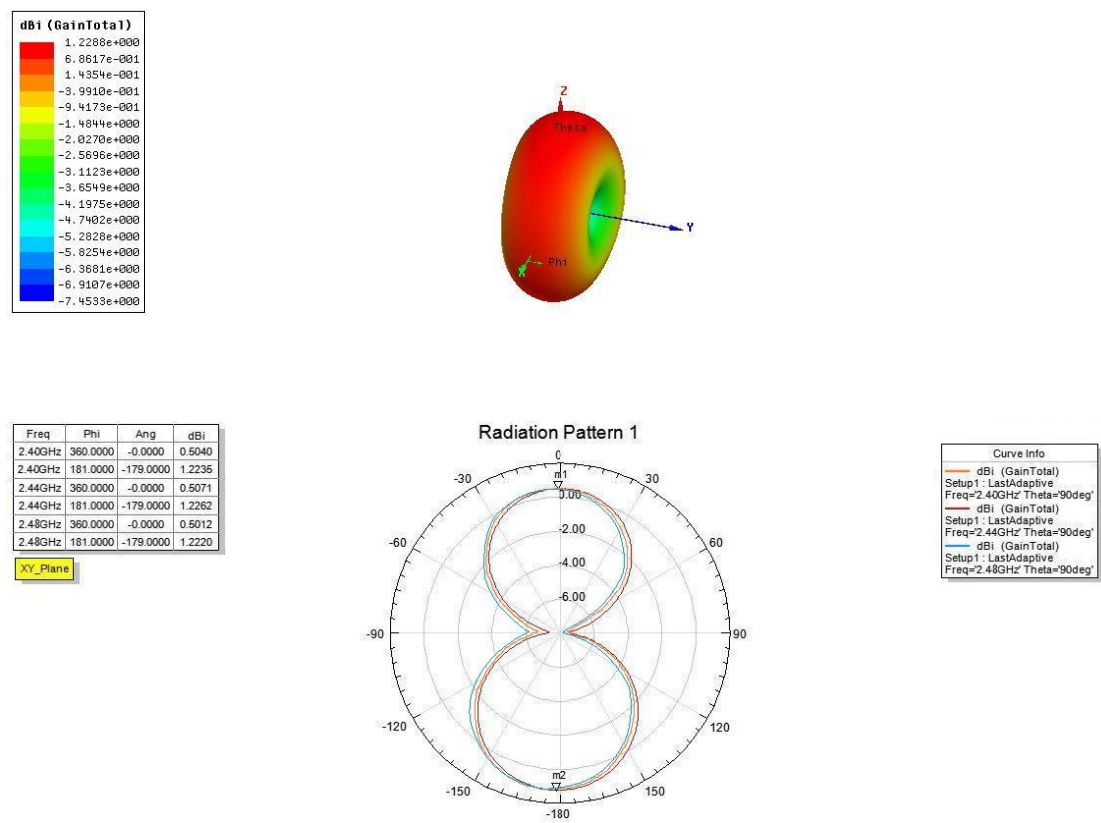
1. Summary

Item	Units	Value
Outline		
Dimension	mm	L=15.4, H=5.9
Frequency Band	MHz	2400~2480
Antenna Type		PCB
Max Gain	dBi	1.3
Input Impedance	Ohm	50
Manufacture		Shenzhen Jialichuang Technology Group Co., Ltd
Trademark		 嘉立创

2. S11



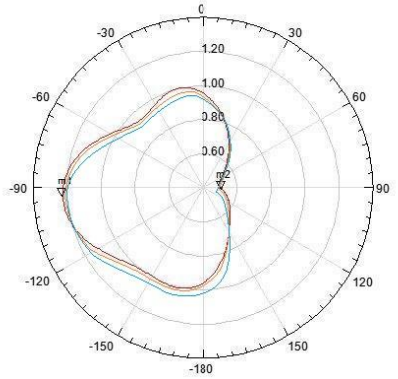
3. Radiation Pattern



Freq	Theta	Ang	dBi
2.40GHz	-93.0000	-93.0000	1.2232
2.40GHz	92.0000	92.0000	0.5092
2.44GHz	-93.0000	-93.0000	1.2257
2.44GHz	92.0000	92.0000	0.5101
2.48GHz	-93.0000	-93.0000	1.2215
2.48GHz	92.0000	92.0000	0.5075

XZ_Plane

Radiation Pattern 2

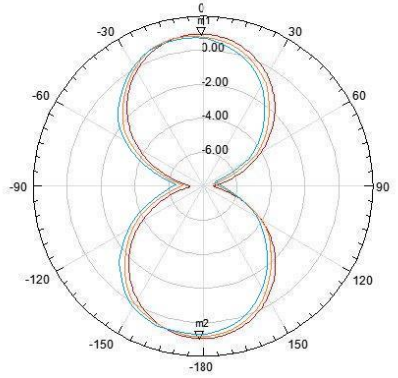


Curve Info	
dBi (GainTotal)	
Setup1: LastAdaptive	
Freq=2.40GHz Phi=0deg	
dBi (GainTotal)	
Setup1: LastAdaptive	
Freq=2.44GHz Phi=0deg	
dBi (GainTotal)	
Setup1: LastAdaptive	
Freq=2.48GHz Phi=0deg	

Freq	Theta	Ang	dBi
2.40GHz	0.0000	0.0000	0.9522
2.40GHz	-179.0000	-179.0000	0.9560
2.44GHz	0.0000	0.0000	0.9557
2.44GHz	-179.0000	-179.0000	0.9583
2.48GHz	0.0000	0.0000	0.9513
2.48GHz	-179.0000	-179.0000	0.9541

YZ_Plane

Radiation Pattern 3



Curve Info	
dBi (GainTotal)	
Setup1: LastAdaptive	
Freq=2.40GHz Phi=90deg	
dBi (GainTotal)	
Setup1: LastAdaptive	
Freq=2.44GHz Phi=90deg	
dBi (GainTotal)	
Setup1: LastAdaptive	
Freq=2.48GHz Phi=90deg	

The Environment of Antenna Radiation Pattern

