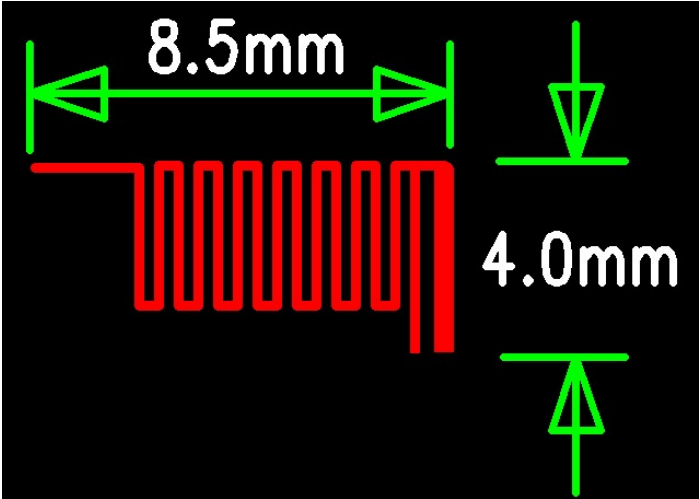
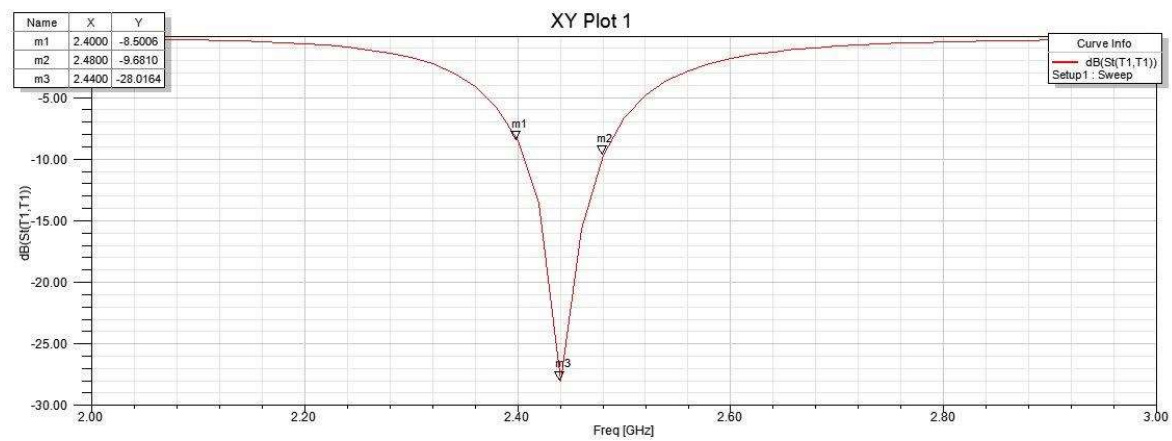


2.4 GHz PCB Antenna Specifications

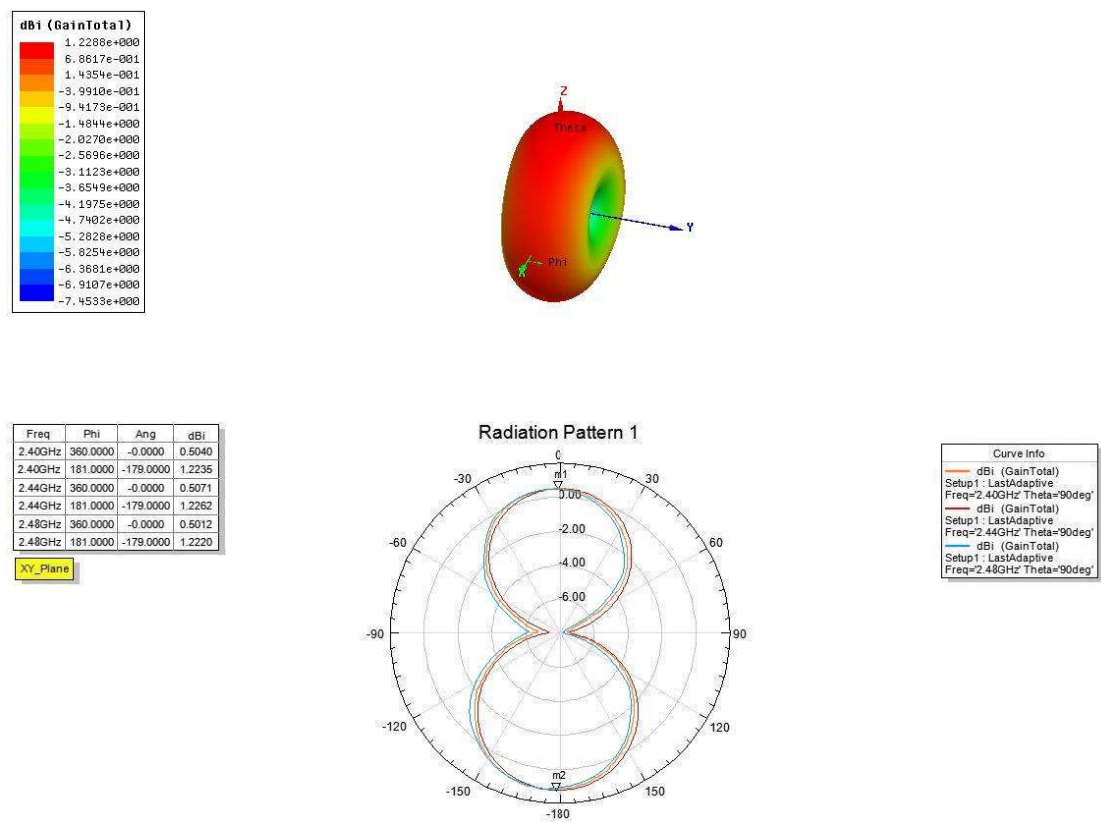
1. Summary

Item	Units	Value
Outline		
Dimension	mm	L=8.5, H=4
Frequency Band	MHz	2400~2480
Antenna Type		PCB
Model		IBM
Max Gain	dBi	1.2
Input Impedance	Ohm	50
Manufacture		JLC Technology Group
Trademark		

2. S11

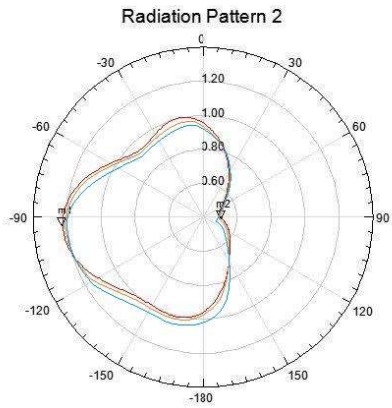


3. Radiation Pattern



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

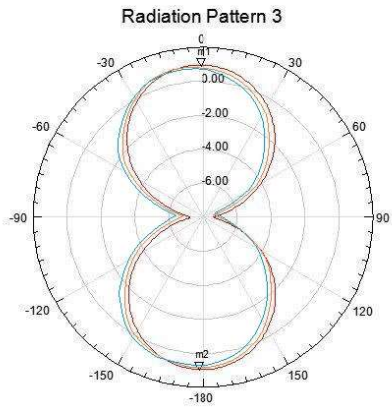
XZ_Plane



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



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