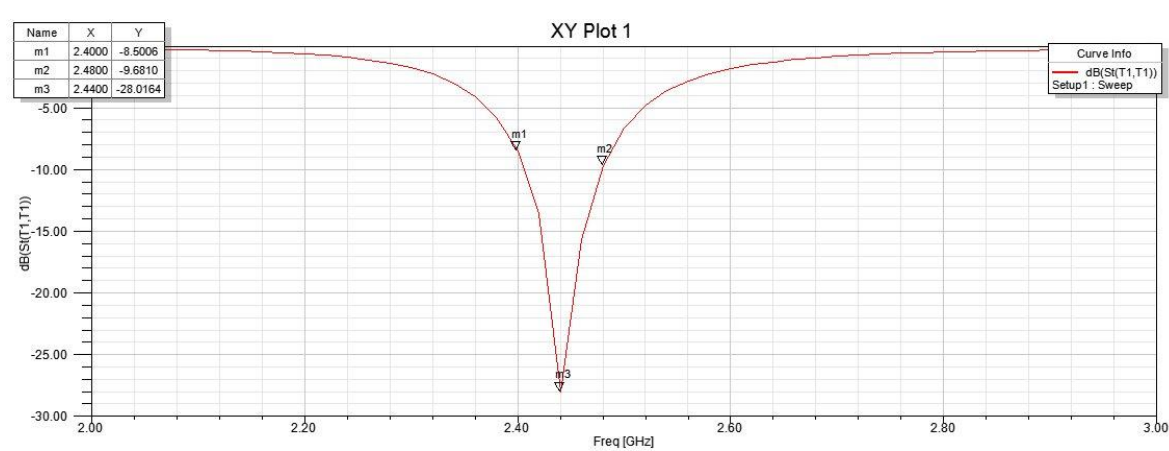


2.4 GHz PCB Antenna Specifications

1. Summary

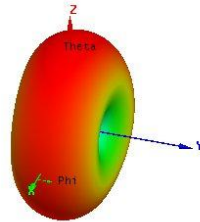
Item	Units	Value
Outline		
Dimension	mm	L=16, H=6
Frequency Band	MHz	2400~2480
Antenna Type		Omni-directional
Max Gain	dBi	1.2
Input Impedance	Ohm	50
Manufacture		SinoWealth Electronic Ltd.

2. S11



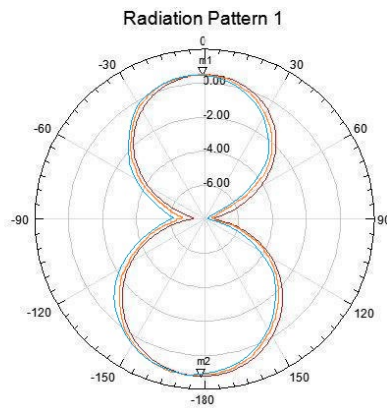
dBi (GainTotal)

1.2288e+000
6.8617e-001
1.4354e-001
-3.9910e-001
-9.4173e-001
-1.4844e+000
-2.0270e+000
-2.5696e+000
-3.1123e+000
-3.6549e+000
-4.1975e+000
-4.7402e+000
-5.2828e+000
-5.8254e+000
-6.3681e+000
-6.9107e+000
-7.4533e+000



Freq	Phi	Ang	dBi
2.40GHz	360.0000	-0.0000	0.5040
2.40GHz	181.0000	-179.0000	1.2235
2.44GHz	360.0000	-0.0000	0.5071
2.44GHz	181.0000	-179.0000	1.2262
2.48GHz	360.0000	-0.0000	0.5012
2.48GHz	181.0000	-179.0000	1.2220

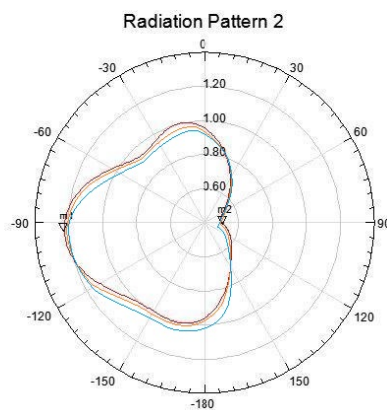
XY_Plane



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

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

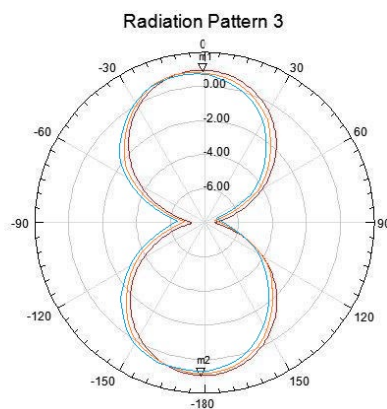
XZ_Plane



Curve Info	
—	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



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	