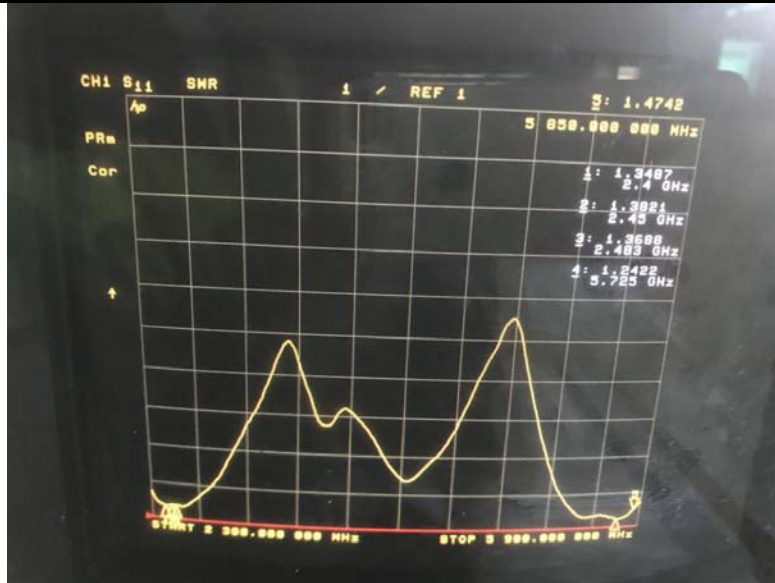


# Antenna Report

Specification		
Dimensions	95* 10 (mm)	L*Ø
Impedance	50Ω	
Test environment	Free space	
Spectrum	WIFI	
Freq. Range	2.4-2.5GHz 5.1-5.8 GHz	
Antenna type	Dipole Antenna	
VSWR	2.4-2.5GHz 5.1-5.8 GHz < 2.0	
Gain	2.4-2.5GHz: 2.21dBi(Peak gain) 5.1~5.8 GHz : 2.15dBi(Peak gain)	
Model	AX18	
Brand	N/A	
Manufacturer	Shenzhen Shiyuanda Communication Technology Co., Ltd.	

Marker (GHz)	2.4	2.5	5.1	5.8
Return loss (dB)	-14.9	-13.5	-12.4	-10
VSWR	1.4	1.0	1.6	1.4



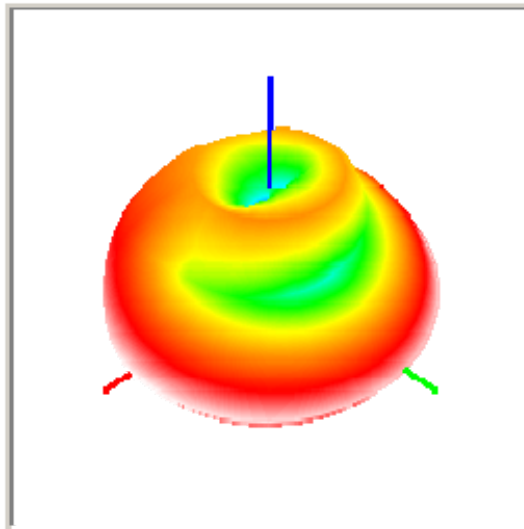
### Gain and Radiation Pattern

Marker (GHz)	2.45	5.5
Gain (dBi)	2.21	2.15
Efficiency (%)	83%	90%

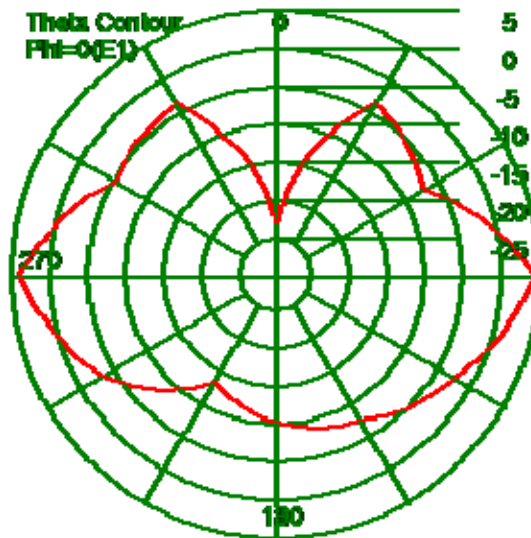
### Radiation Pattern

2450MHz

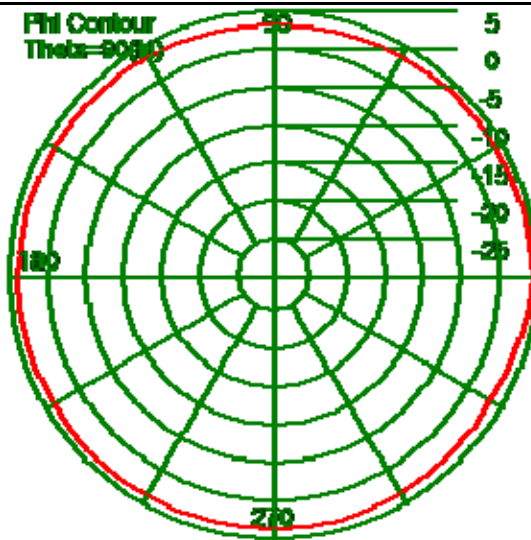
3D



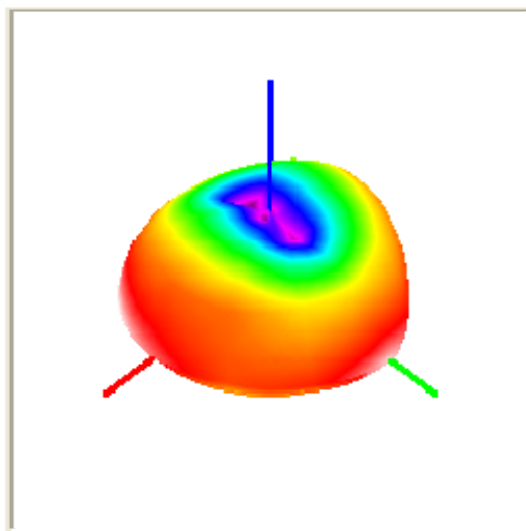
E-Plane



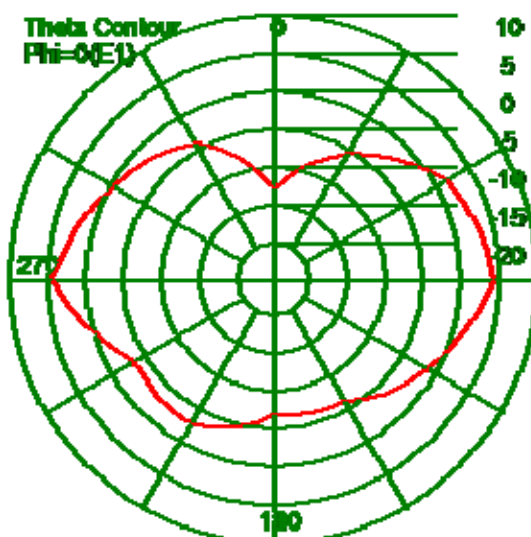
H-Plane



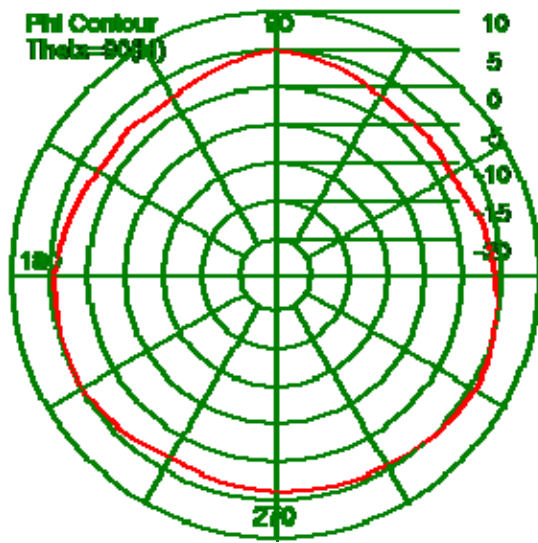
5.5GHz  
3D



E-Plane



**H-Plane**



**Antenna:**

