

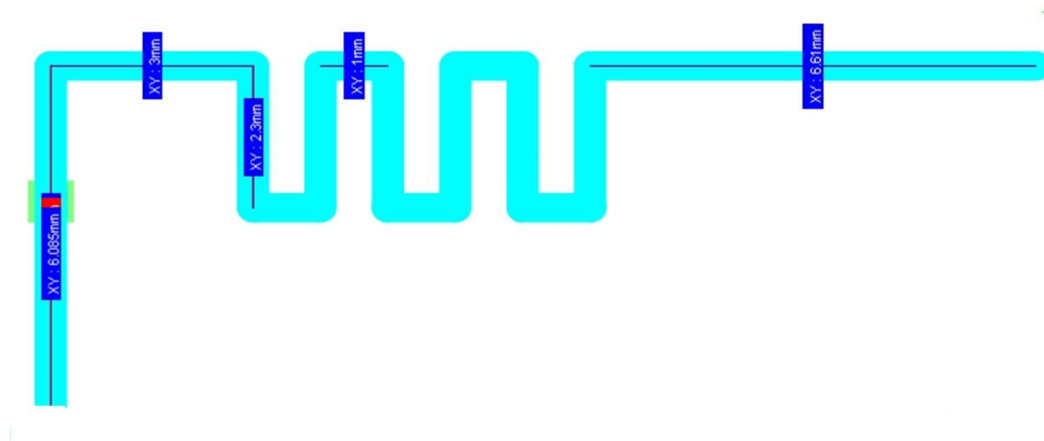
Antenna Specification

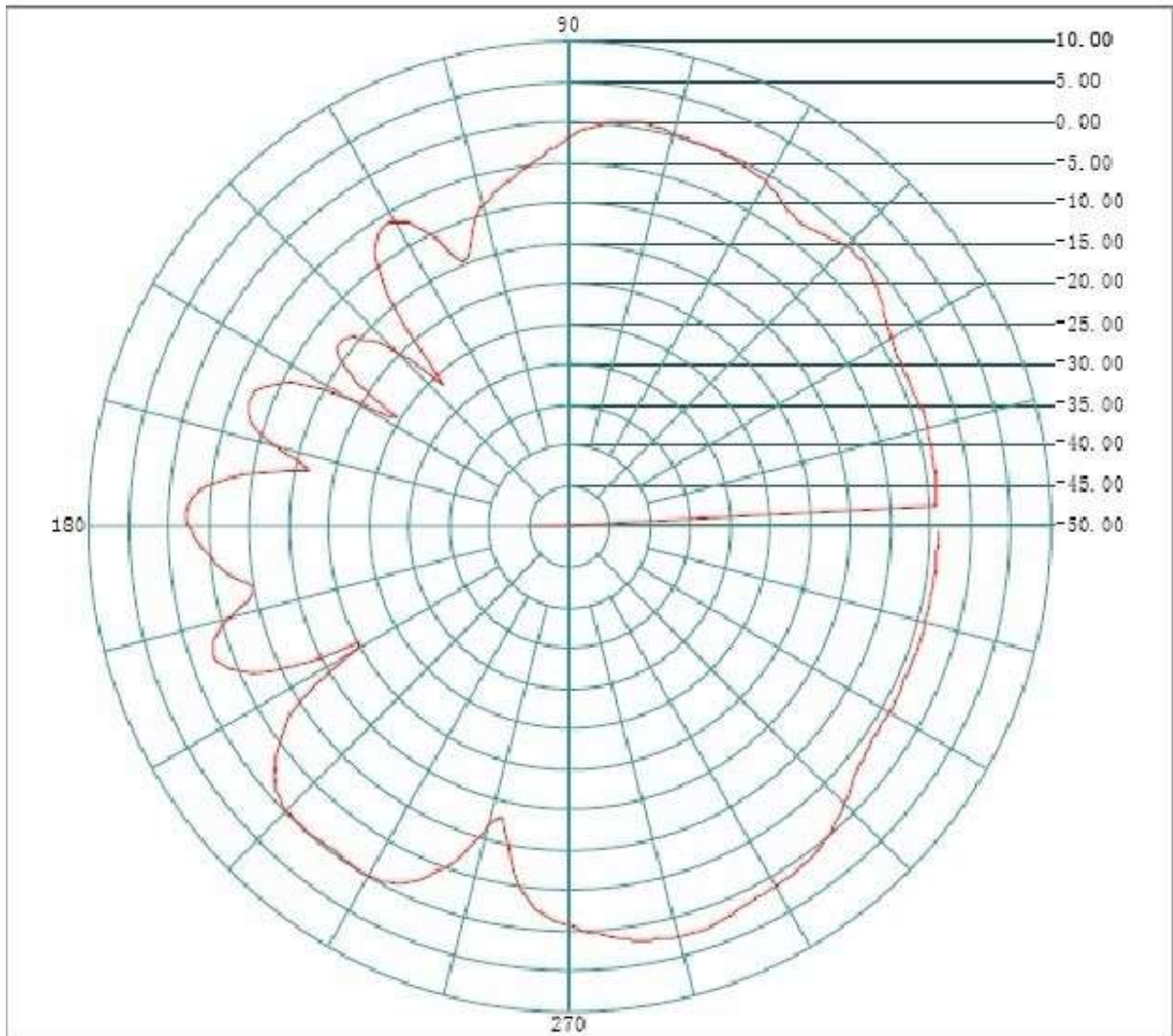
Specifications

Summary

ITEM	SPEC.	
Model Name	IBM 2.4 GHz	
Center Frequency	2400 MHz	1.34 dBi
	2440 MHz	1.07dBi
	2483.5 MHz	1.4 dBi
MAX. GAIN	1.4 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	3.6 cm	

Antenna Photo & Length (mm)





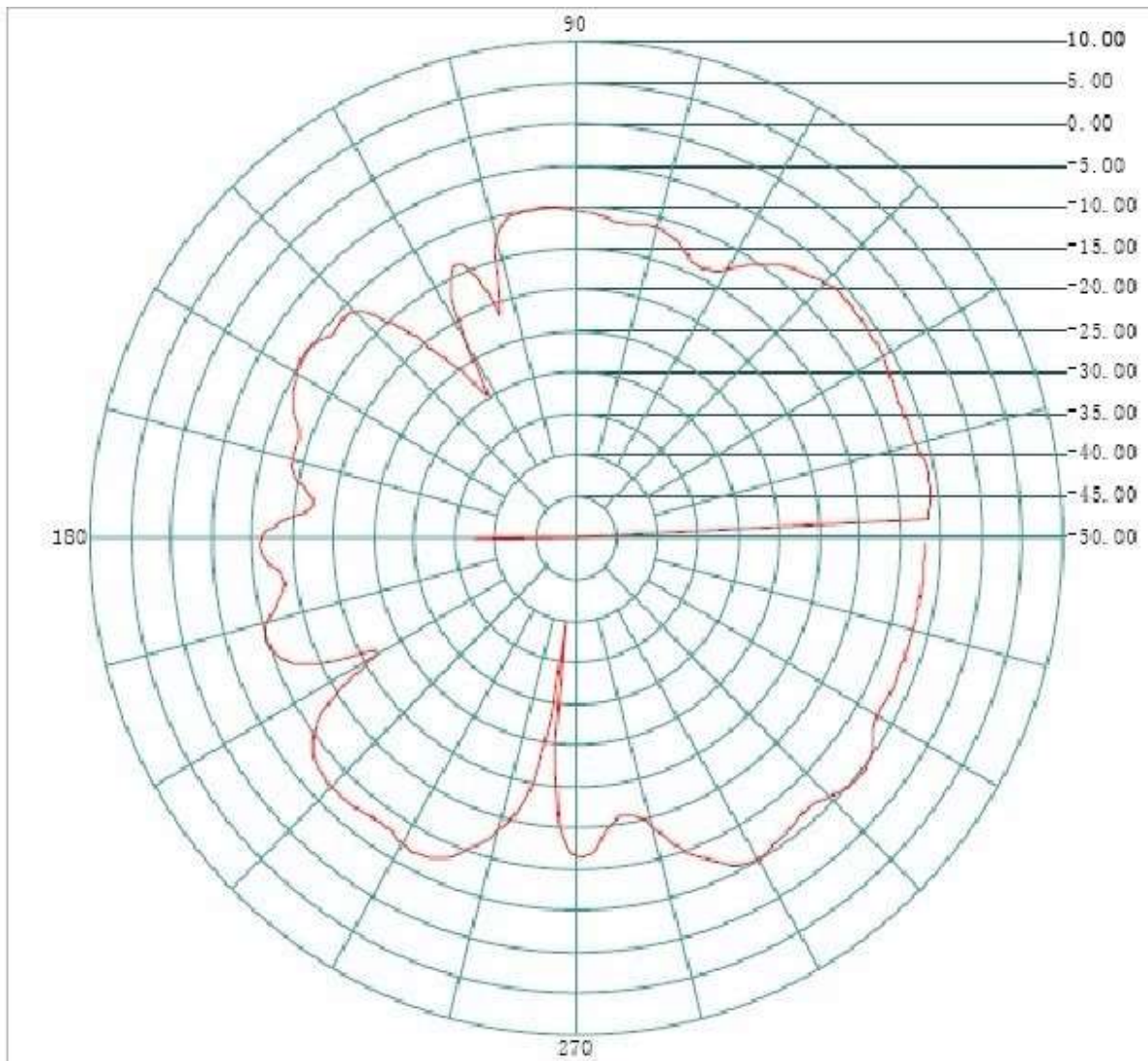
1. Main antenna : 2400 MHz

1.1 Horizontal

Frequency(MHZ): **2400** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.34**

Average Gain(dBi) : **-2.48**

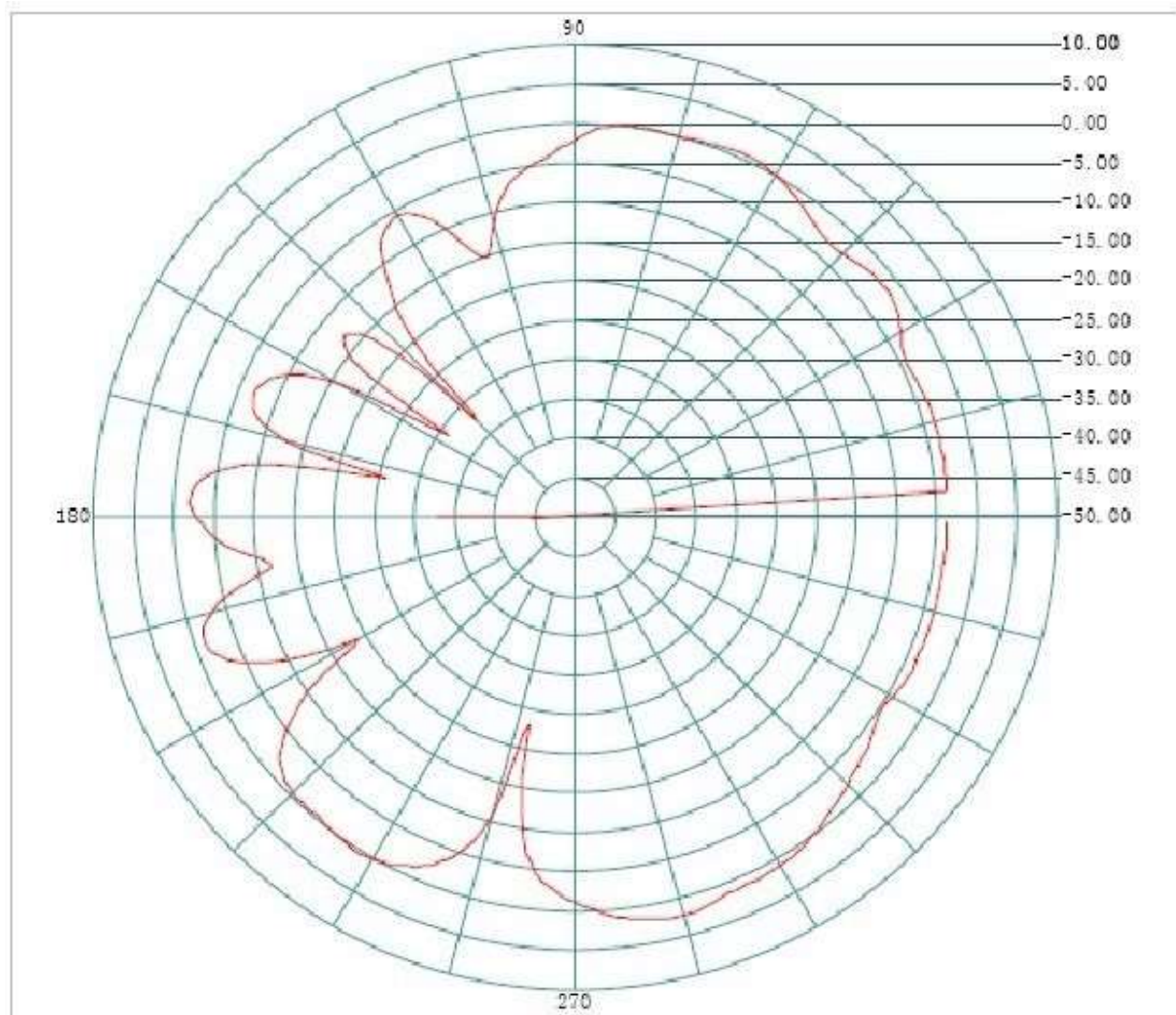


Minimum Gain(dBi): **-55.18**
1.2 Vertical

Frequency(MHZ): **2400** Antenna Polarity: **Vertical**

Maximum Value(dBi): **-4.51**

Average Gain(dBi) : **-8.98**



Minimum Gain(dBi): **-62.3**

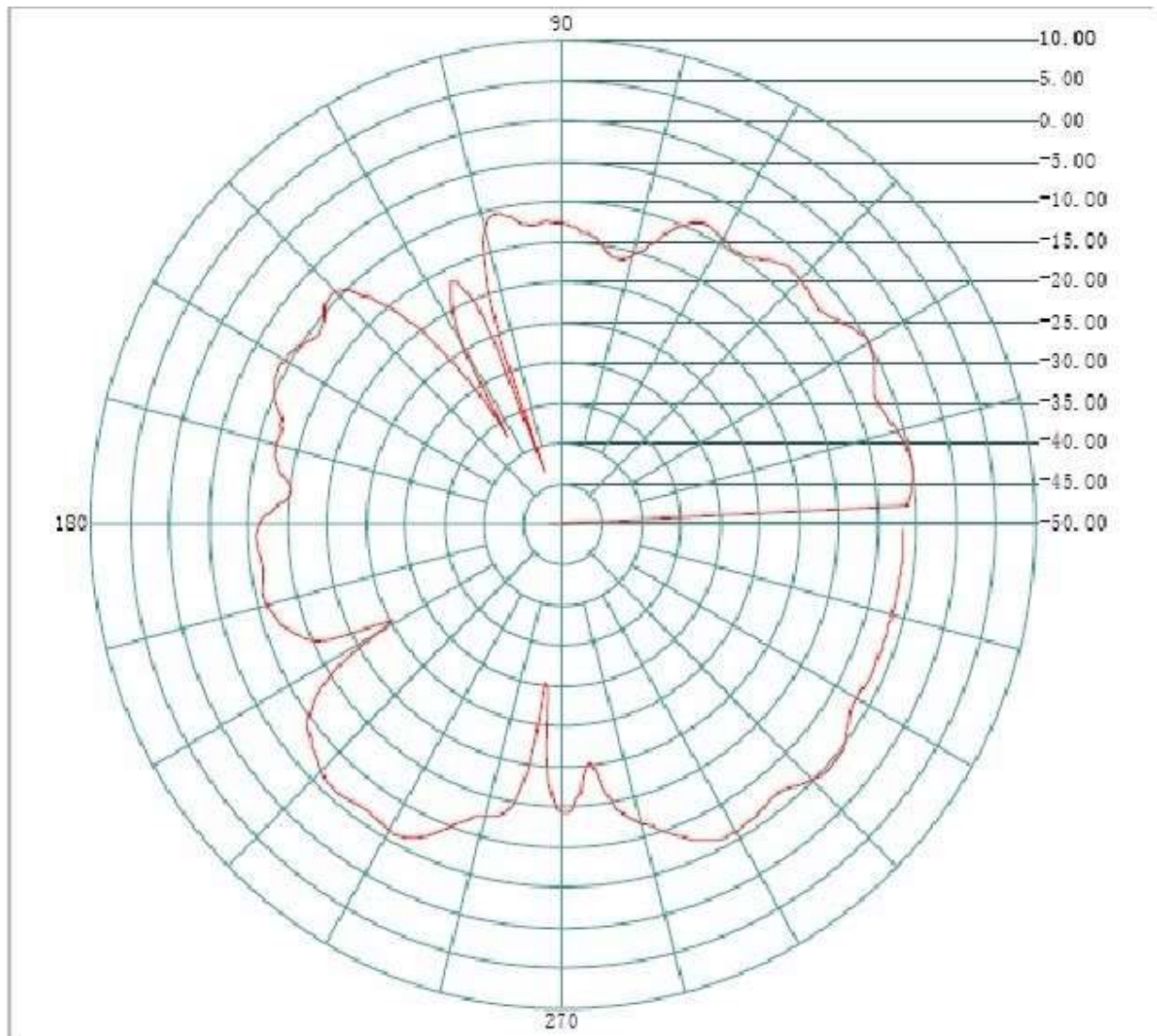
2. Main antenna : 2440 MHz

2.1 Horizontal

Frequency(MHZ): **2440** Antenna Polarity: **Horizontal**

Maximum Value(dBi): 1.07

Average Gain(dBi) : **-2.54**



Minimum Gain(dBi): **-66.98**

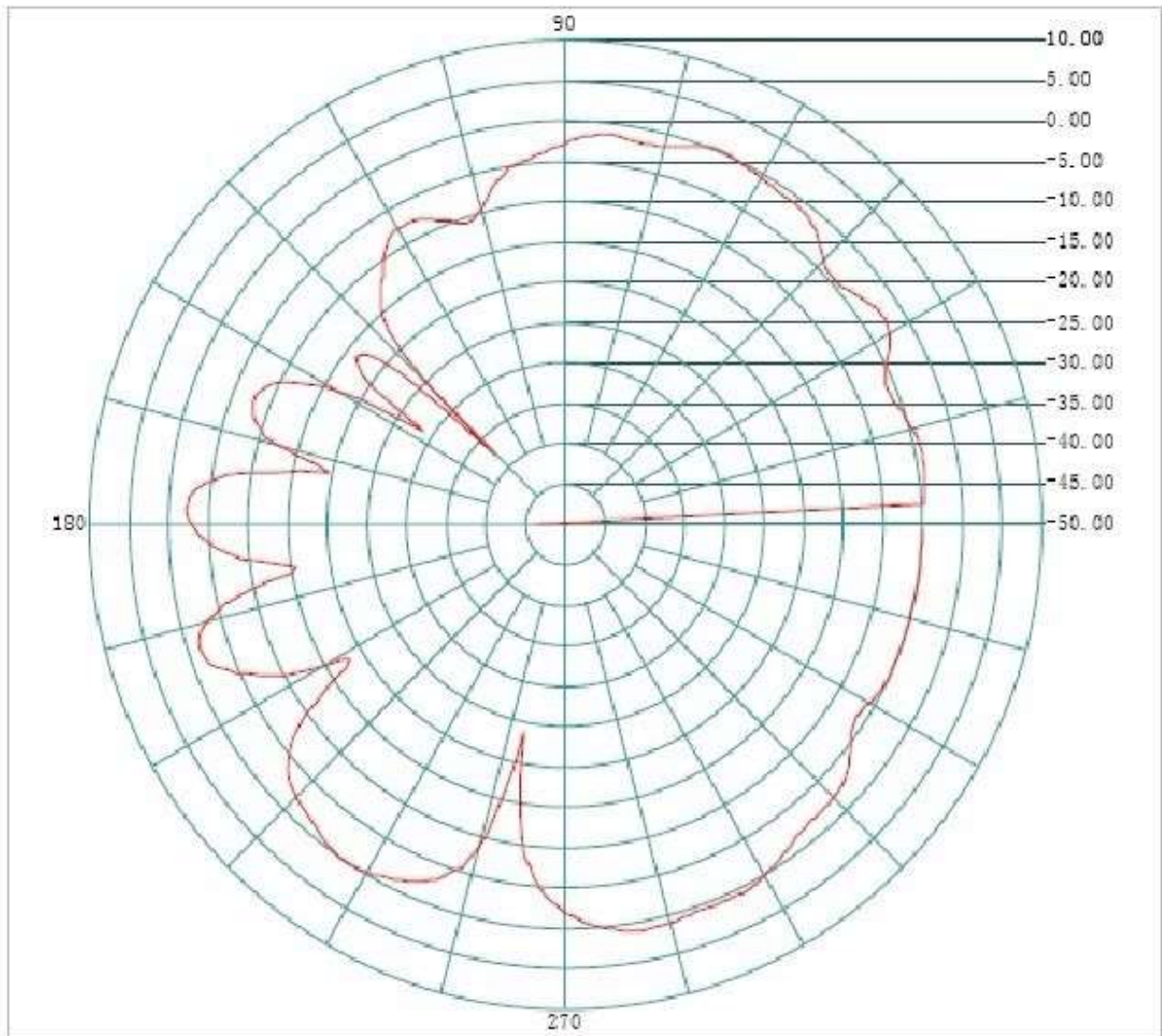
2.2 Vertical

Frequency(MHZ): **2440** Antenna Polarity: **Vertical**

Maximum Value(dBi): **-4.29**

Average Gain(dBi) : **-8.81**

Minimum Gain(dBi): **-51.4**



2. Main antenna : 2483.5 MHz

2.1 Horizontal

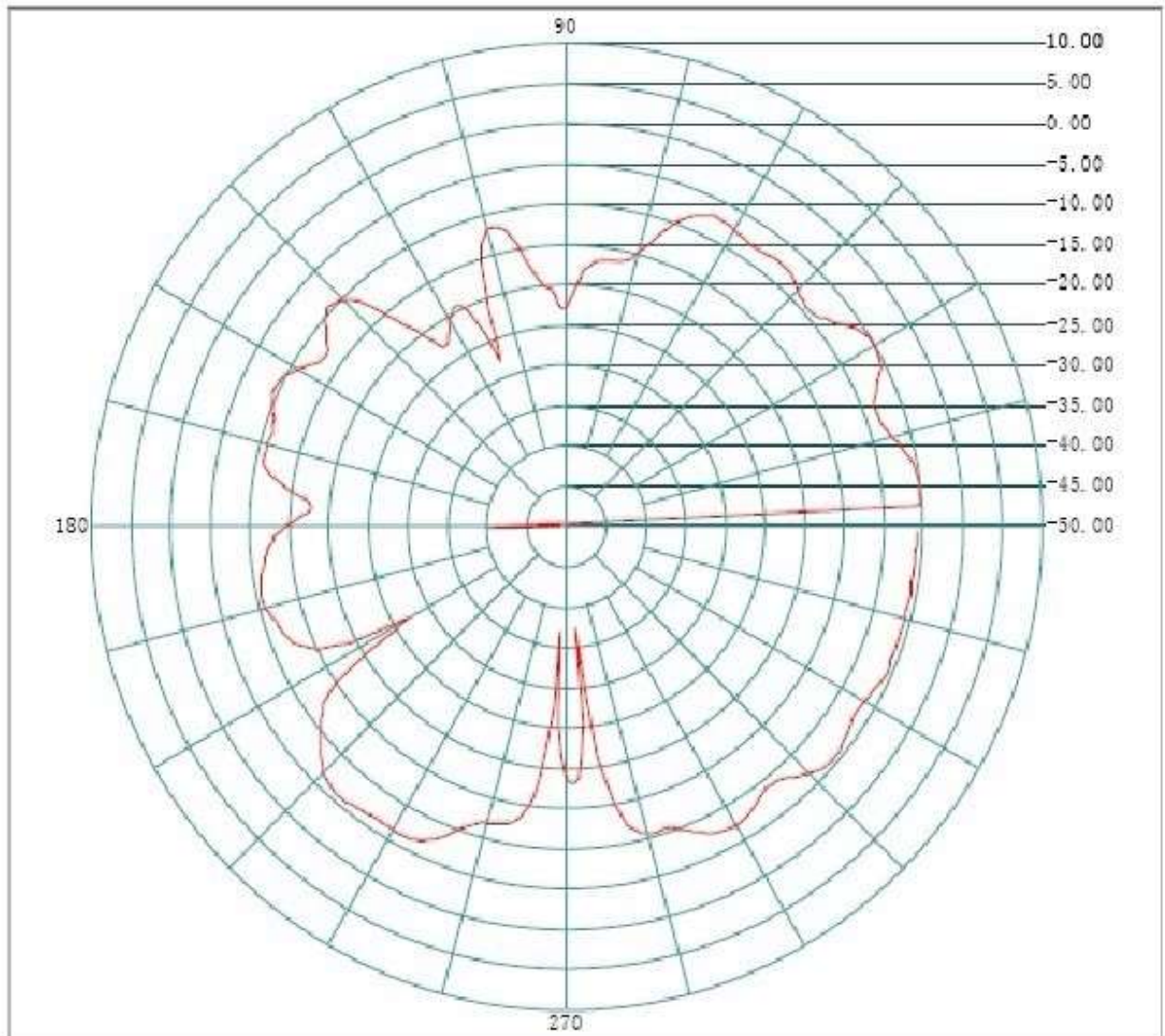
Frequency(MHZ): **2483.5** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.4**

Average Gain(dBi) : **-3.34**

Minimum Gain(dBi): **-53.4**

2.2 Vertical



Frequency(MHZ): **2483.5** Antenna Polarity: **Vertical**

Maximum Value(dBi): **-4.95**

Average Gain(dBi) : **-9.06**

Minimum Gain(dBi): **-60.00**