

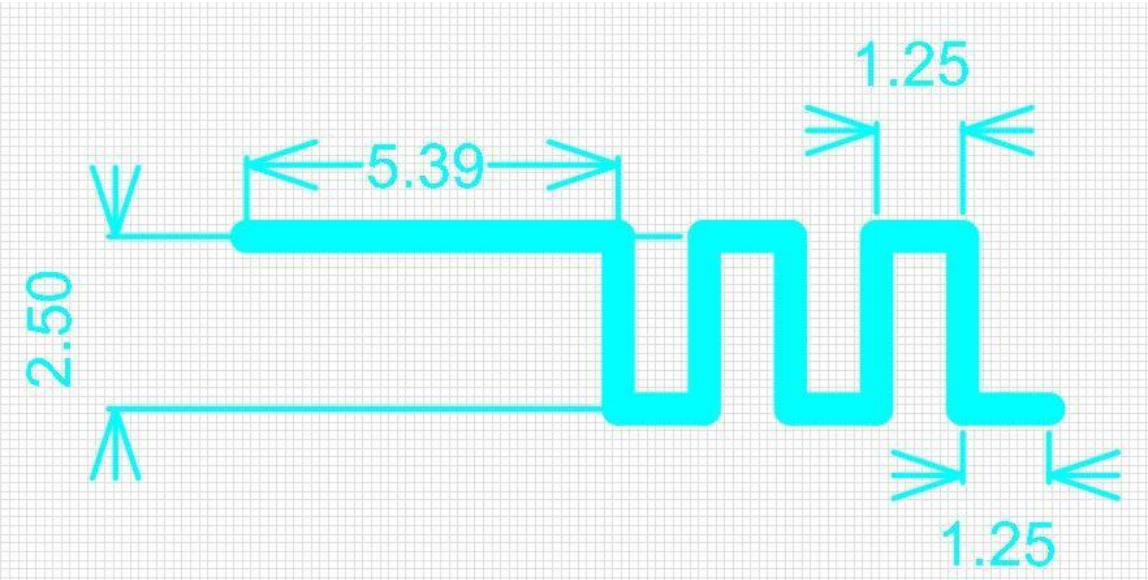
Antenna Specification

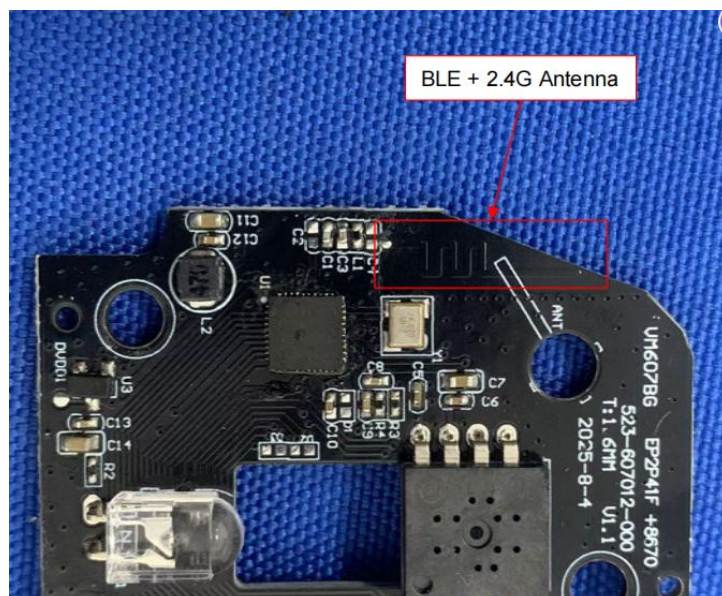
Specifications

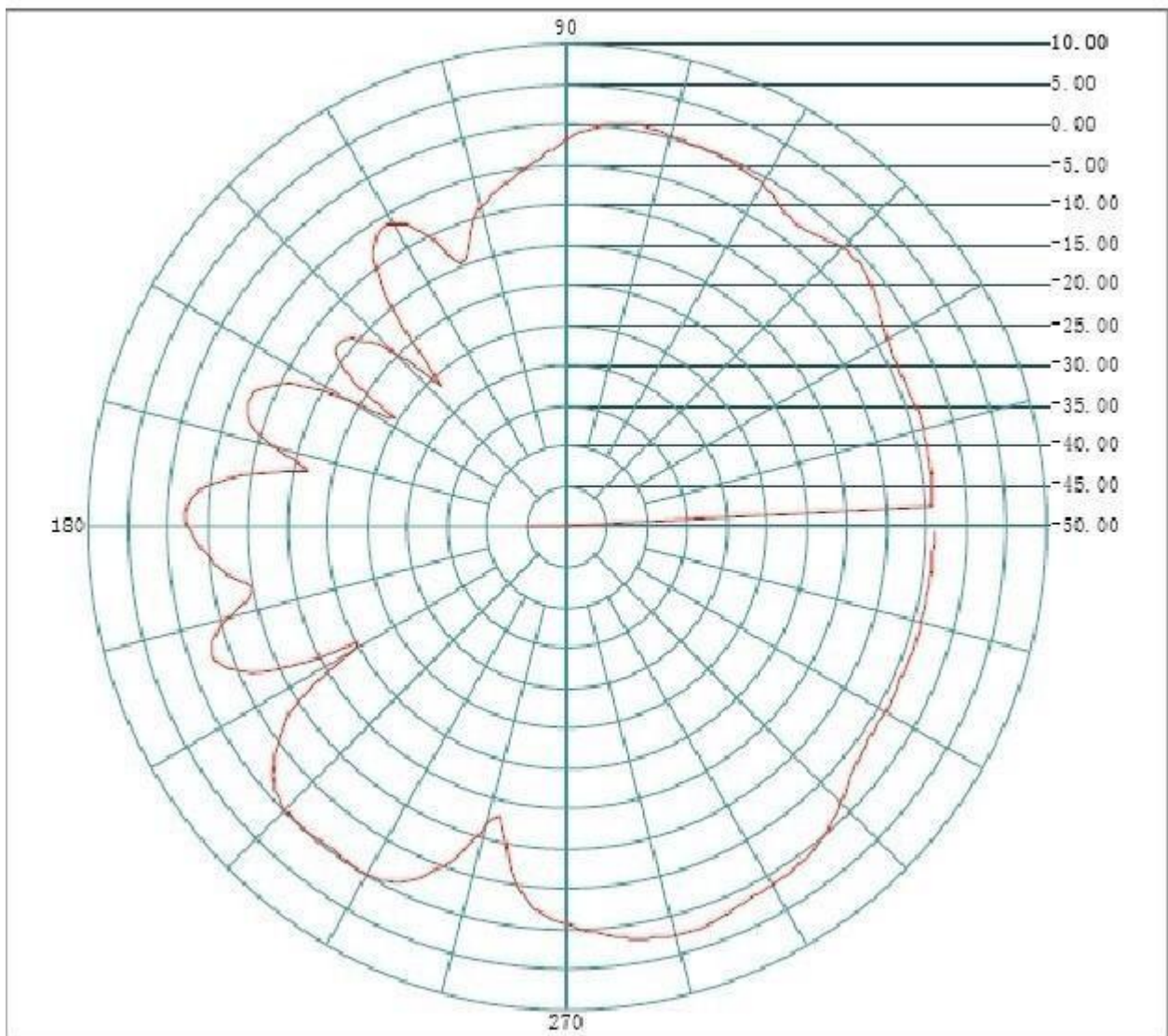
Summary

ITEM	SPEC.	
Model Name	IBM 2.4 GHz	
Center Frequency	2400 MHz 2440 MHz 2483.5 MHz	1.34 dBi 1.07dBi 1.4 dBi
MAX. GAIN	1.4 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	2.42 cm	

Antenna Photo & Length (mm)







1. Main antenna : 2400 MHz

1.1 Horizontal

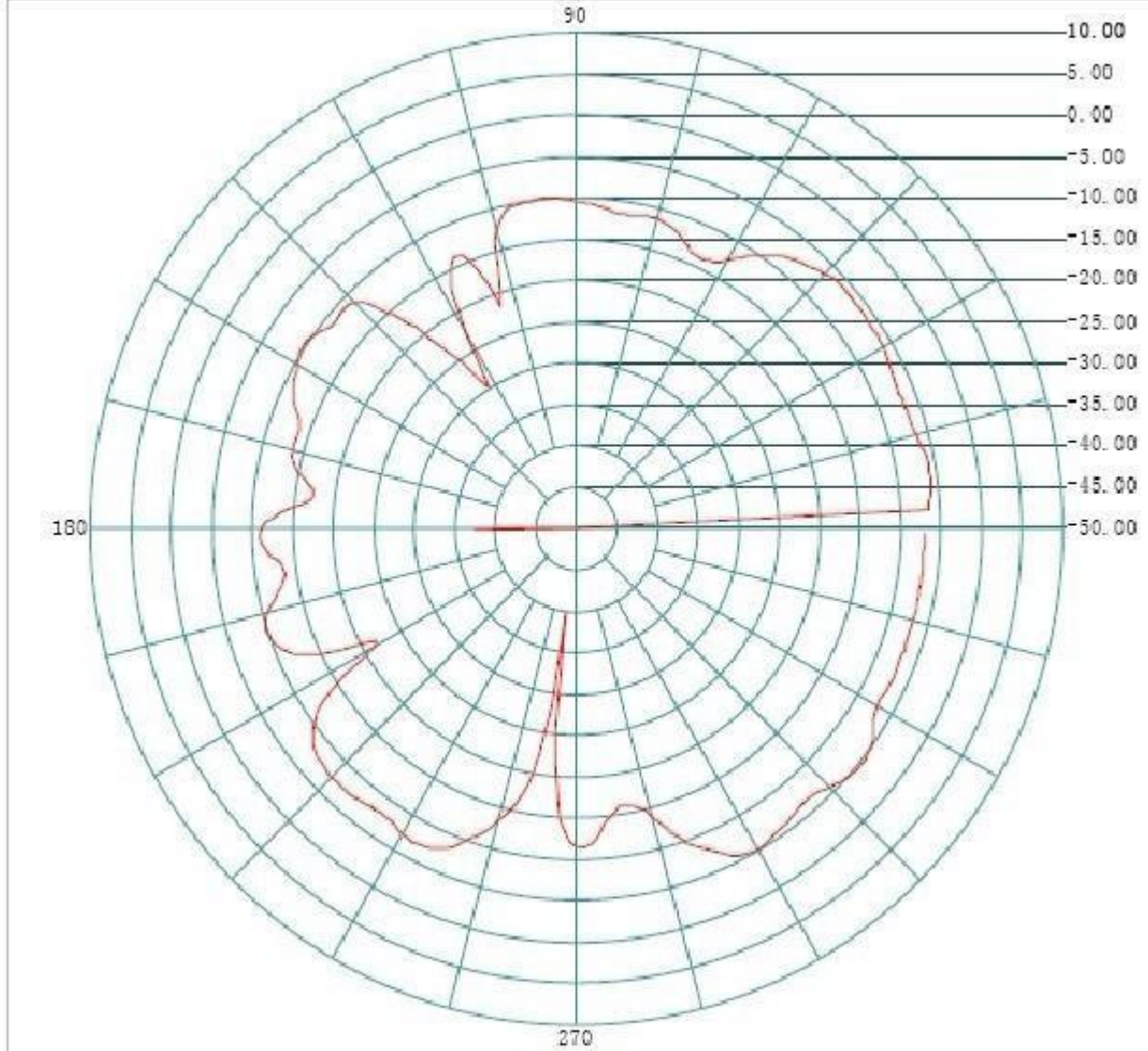
Frequency(MHZ): **2400** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.34**

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

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

1.2 Vertical



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

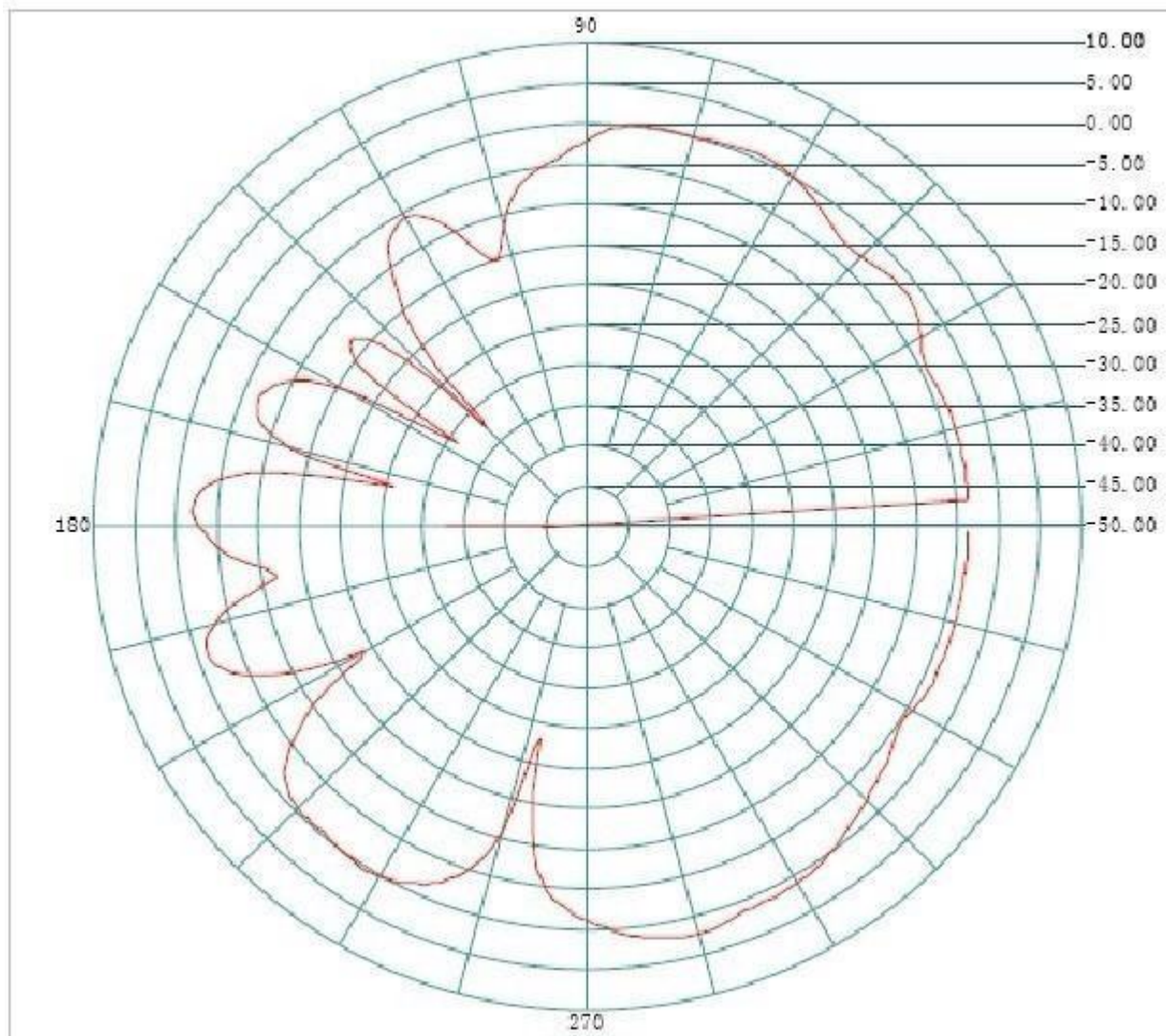
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2440 MHz

2.1 Horizontal



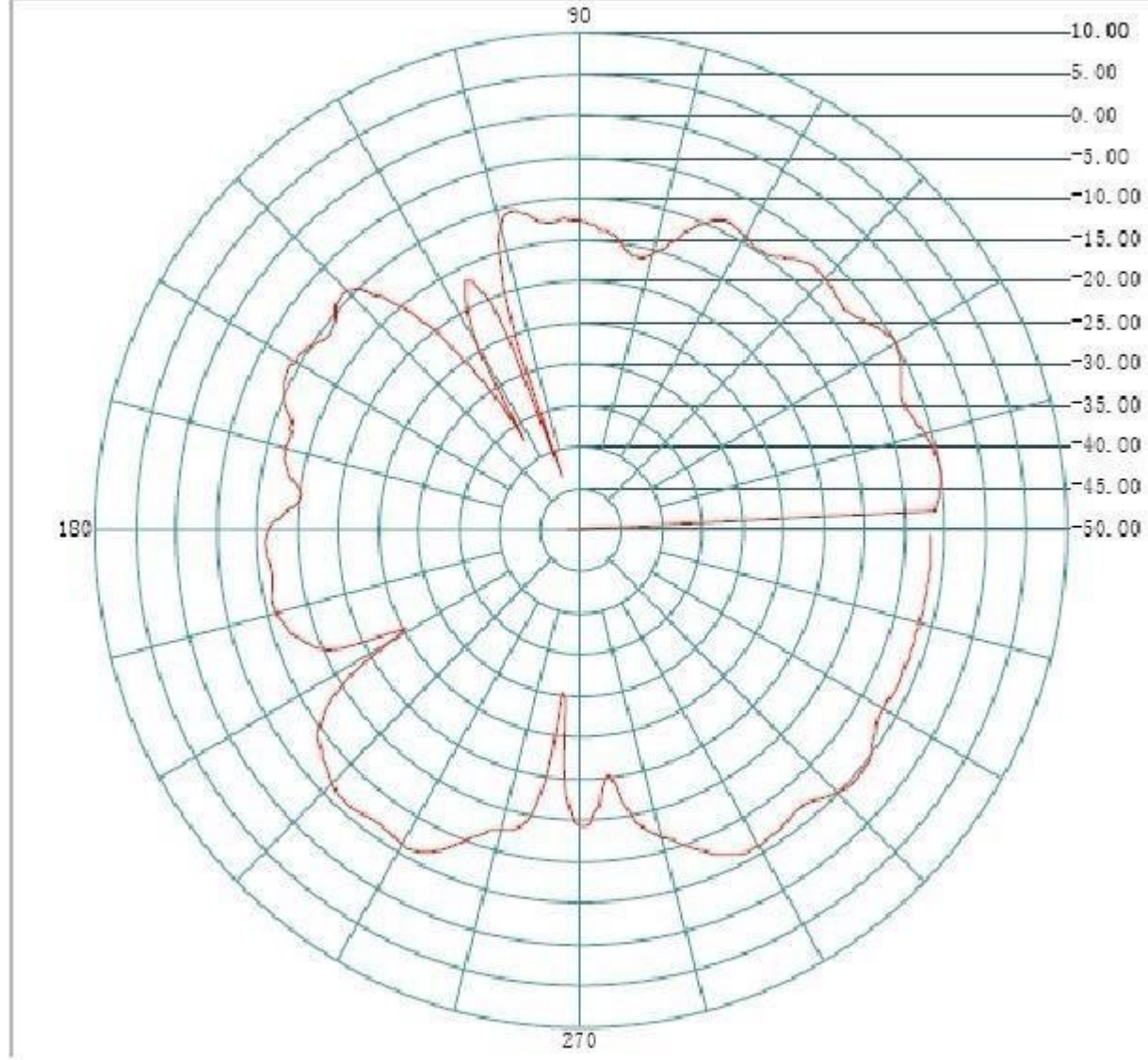
Frequency(MHZ): **2440** Antenna Polarity: **Horizontal**

Maximum Value(dBi): 1.07

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

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

2.2 Vertical



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

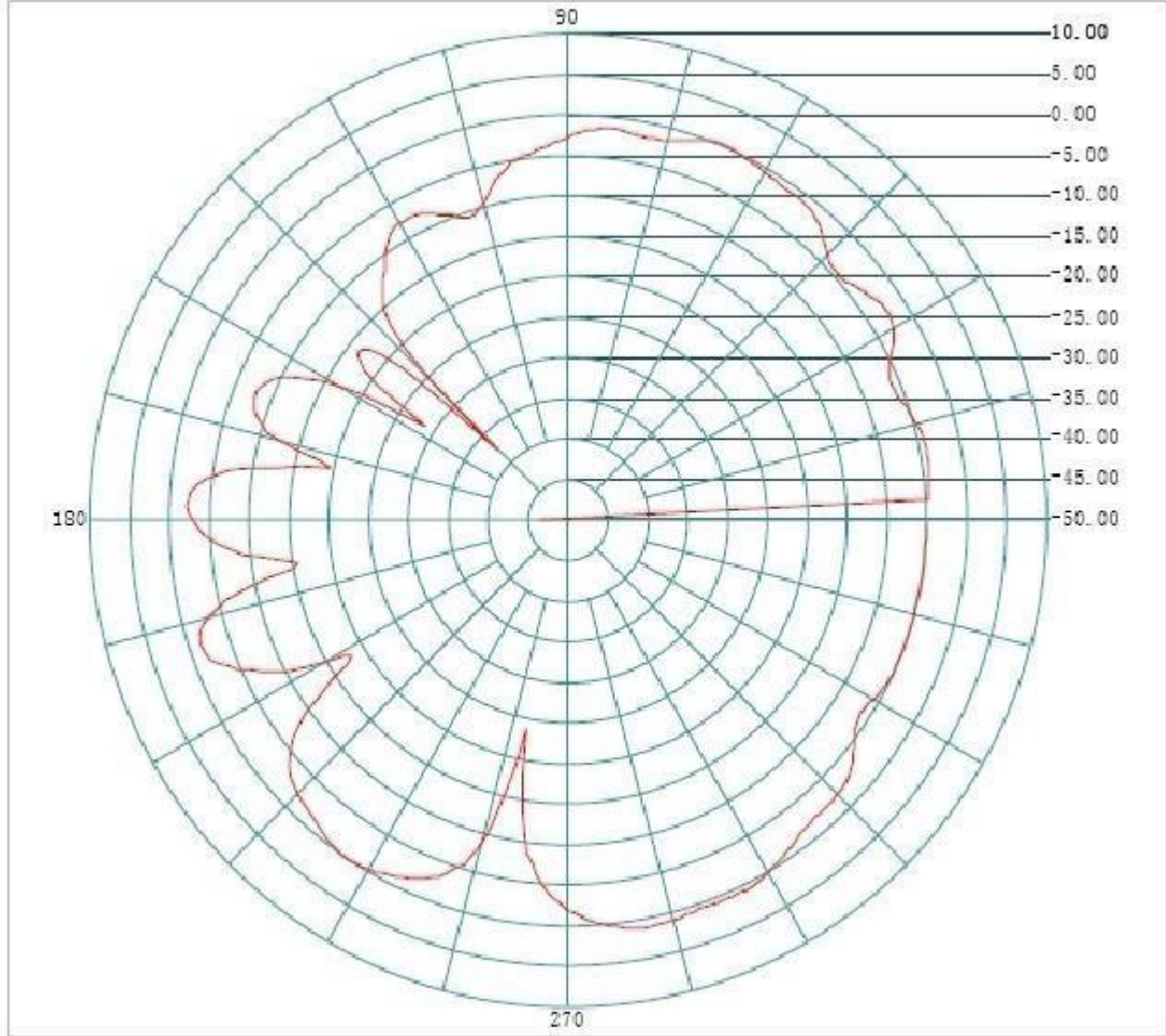
Maximum Value(dBi): **-4.29**

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

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

2. Main antenna : 2483.5 MHz

2.1 Horizontal



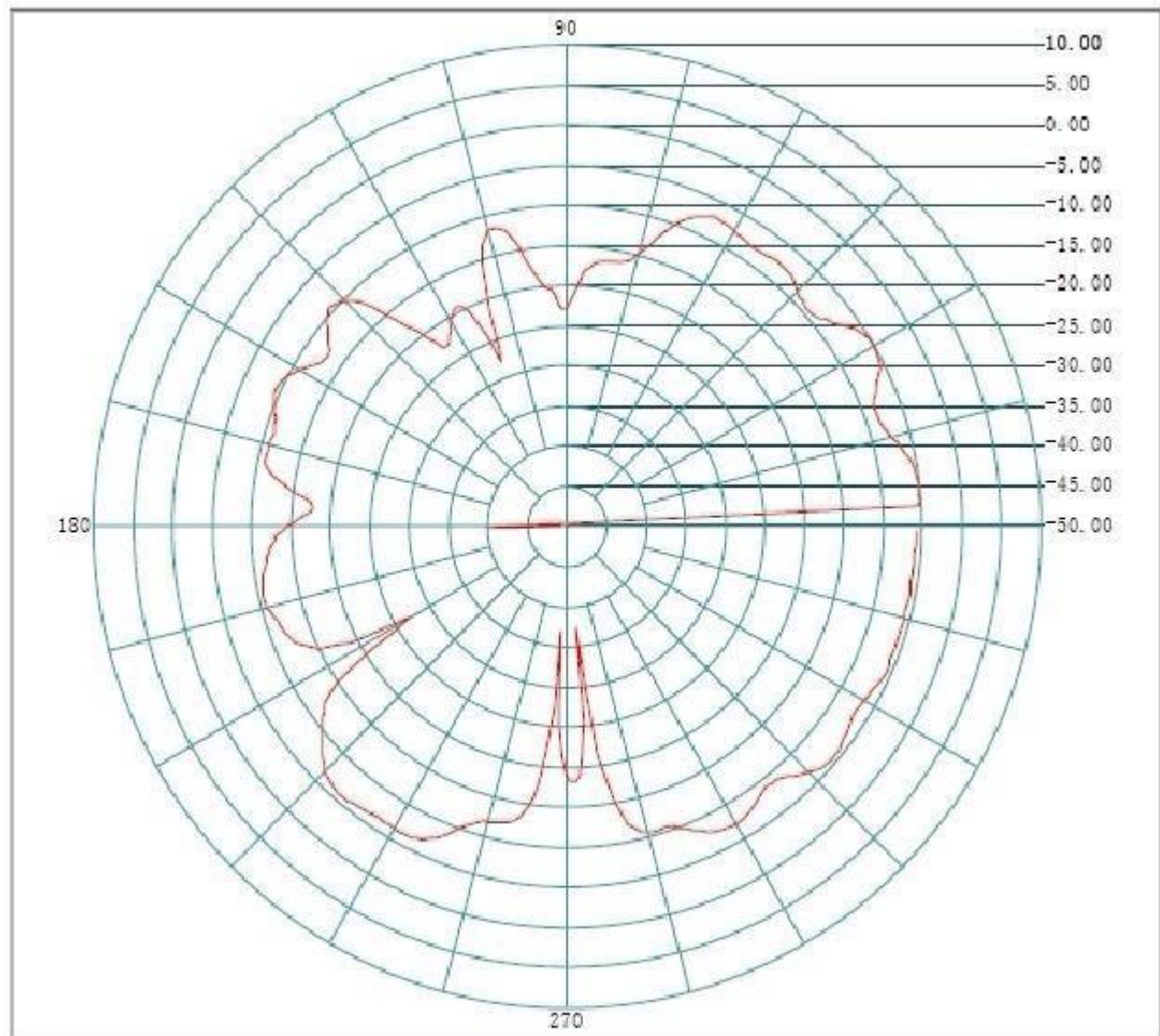
Frequency(MHZ): **2483.5** Antenna Polarity: **Horizontal**

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**

Antenna Type: PCB Antenna

Antenna manufacturer: Dongguan Zhuotong Electric Co., Ltd

Address : 2nd Floor, No. 2, Jintan 7th Street, Danwu Village, Shijie Town,
Dongguan City

