

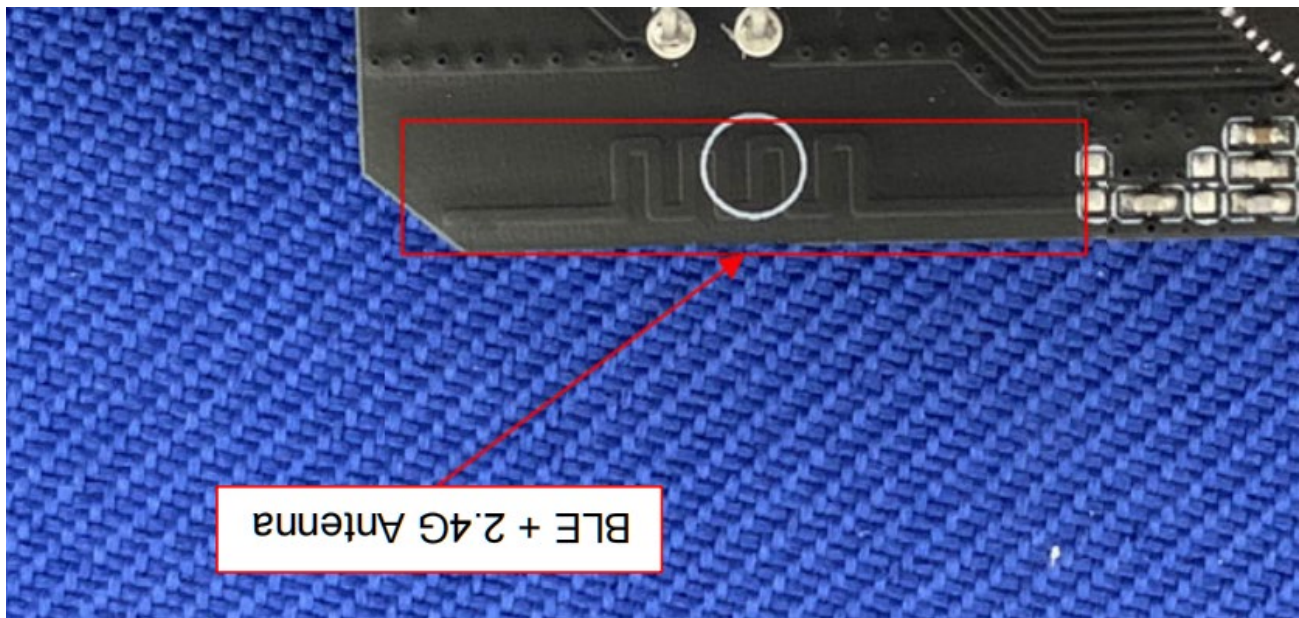
Antenna Specification

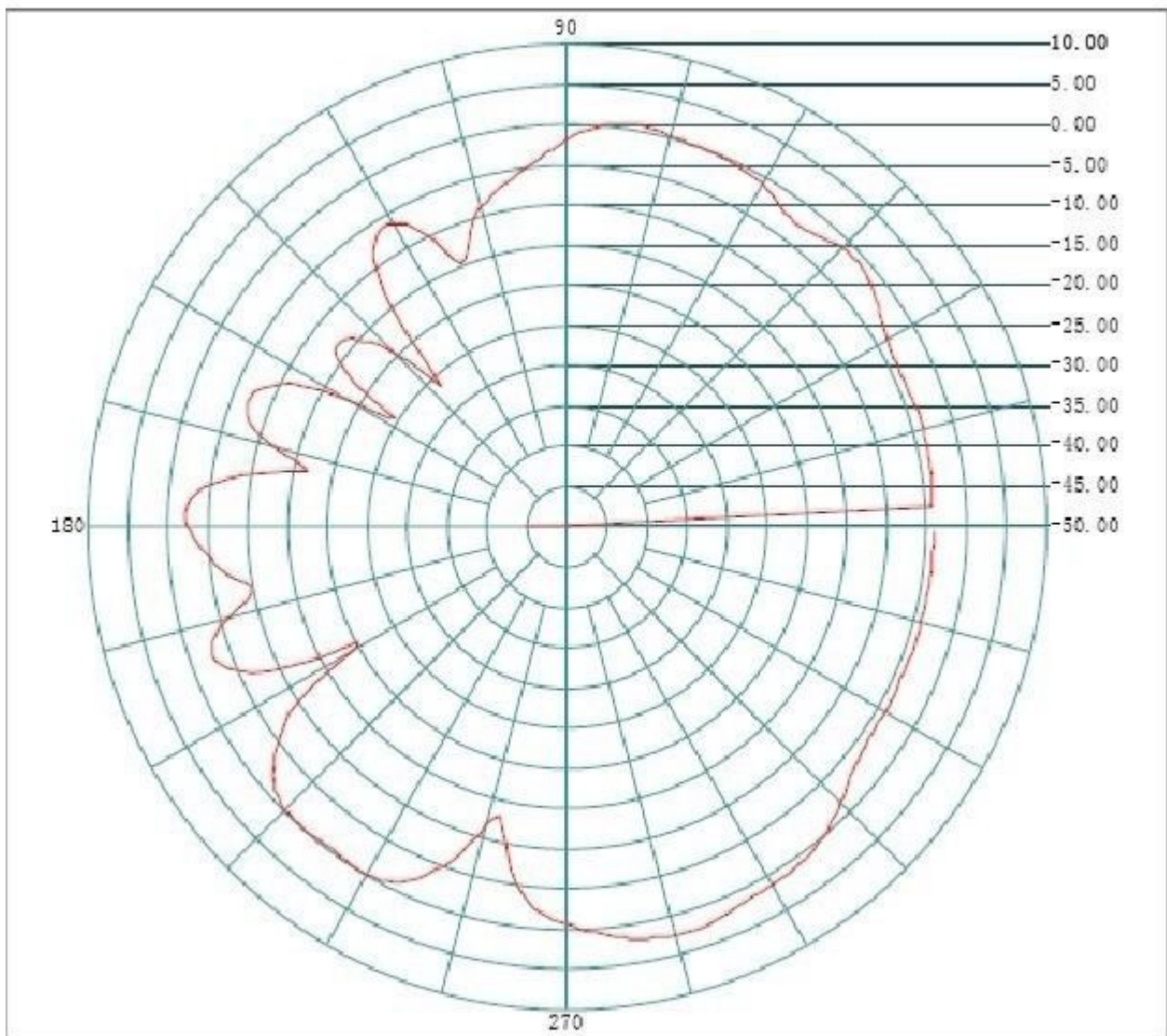
Specifications

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	
Manufacturer	Dongguan Shanggui Electronics Co., Ltd.	
Adress	No. 6, Building 6, Hengtong Road, Houjie Town, Dongguan City, Guangdong Province	

Antenna Photo & Length (mm)





1. Main antenna : 2400 MHz

1.1 Horizontal

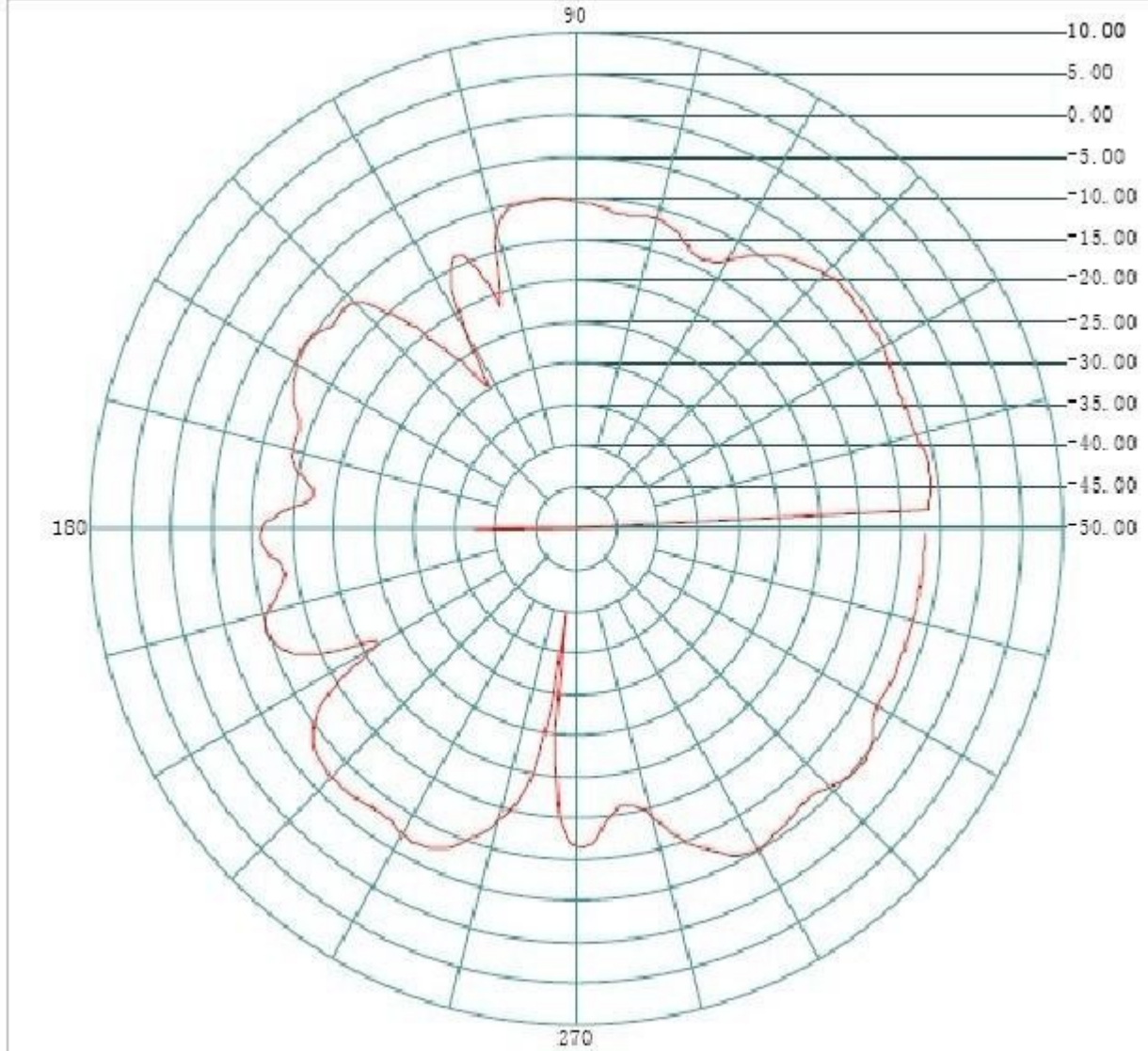
Frequency(MHZ): **2400** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.34**

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

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

1.2 Vertical



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

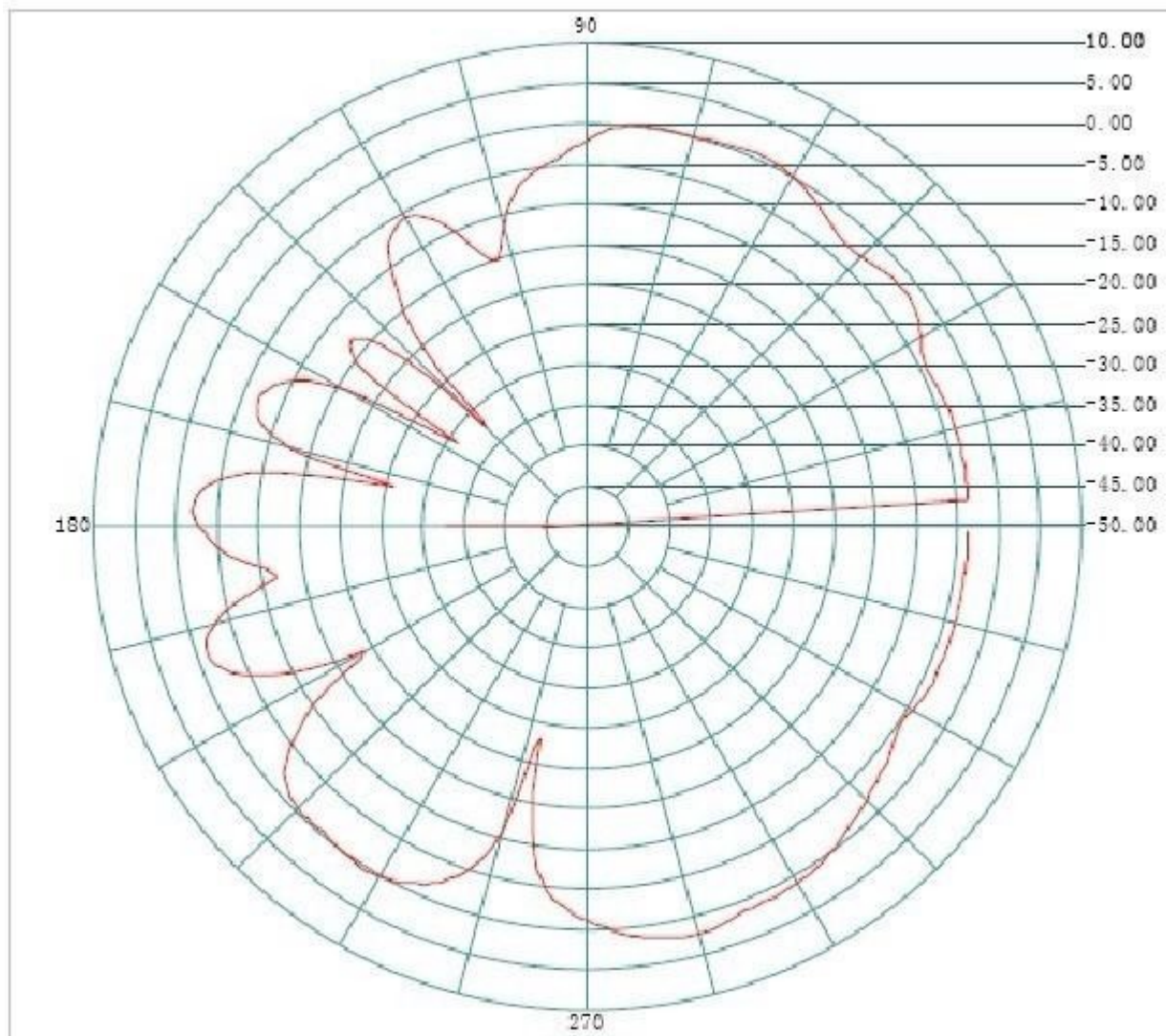
Maximum Value(dBi): **-4.51**

Average Gain(dBi) : **-8.58**

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

2. Main antenna : 2440 MHz

2.1 Horizontal



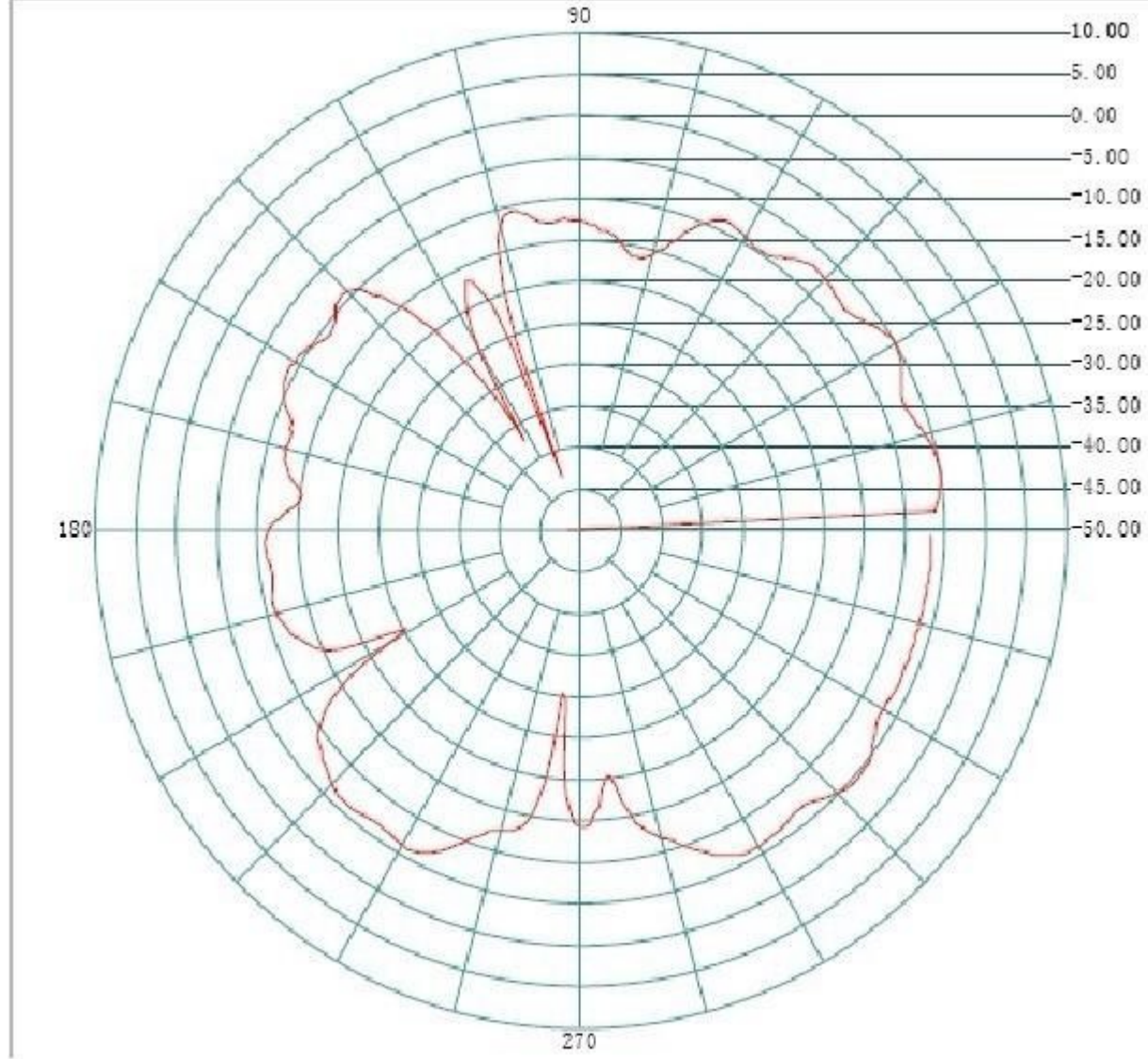
Frequency(MHZ): **2440** Antenna Polarity: **Horizontal**

Maximum Value(dBi): 1.07

Average Gain(dBi) : **-2.64**

Minimum Gain(dBi): **-65.98**

2.2 Vertical



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

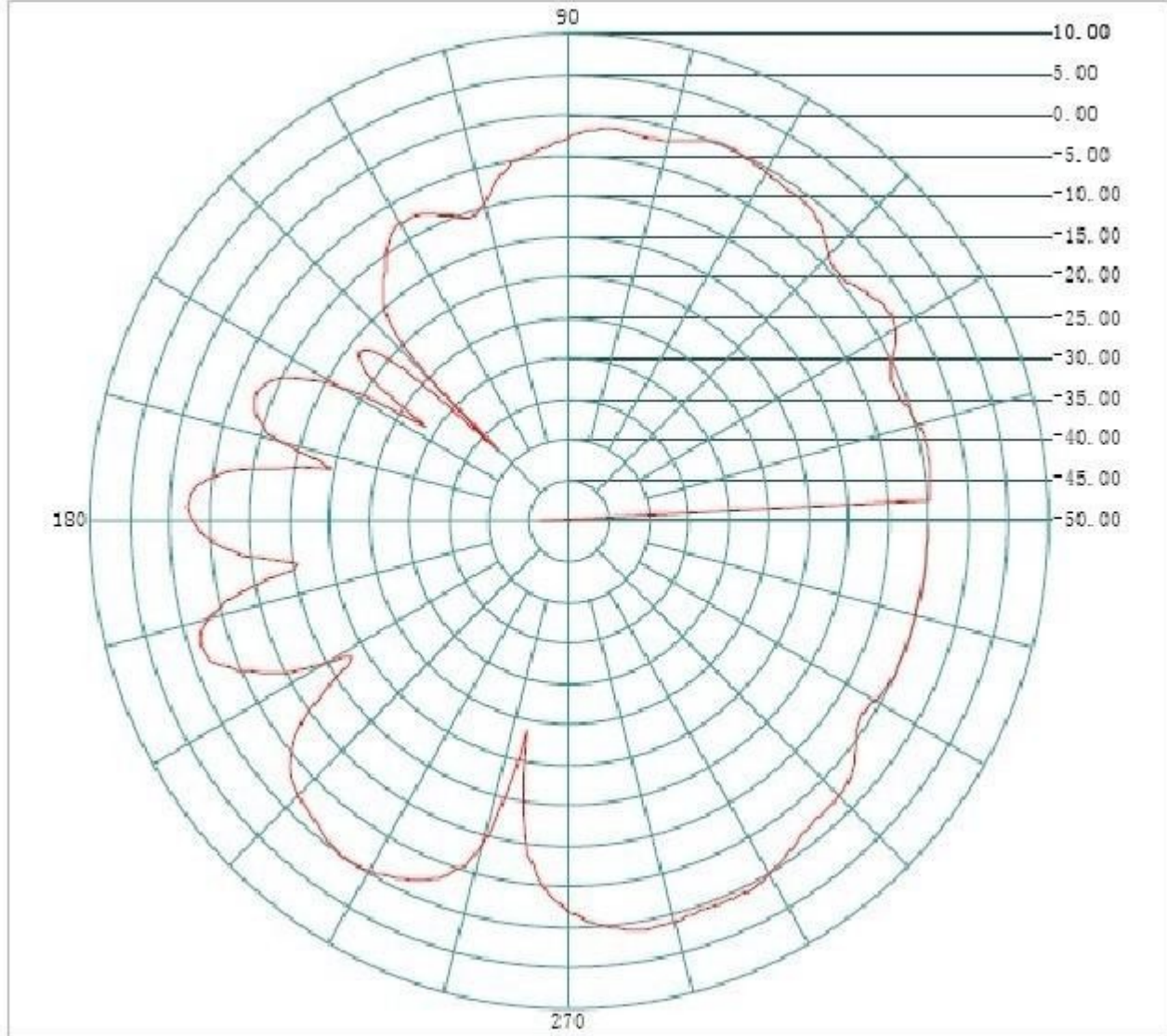
Maximum Value(dBi): **-4.29**

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

Minimum Gain(dBi): **-50.4**

2. Main antenna : 2483.5 MHz

2.1 Horizontal



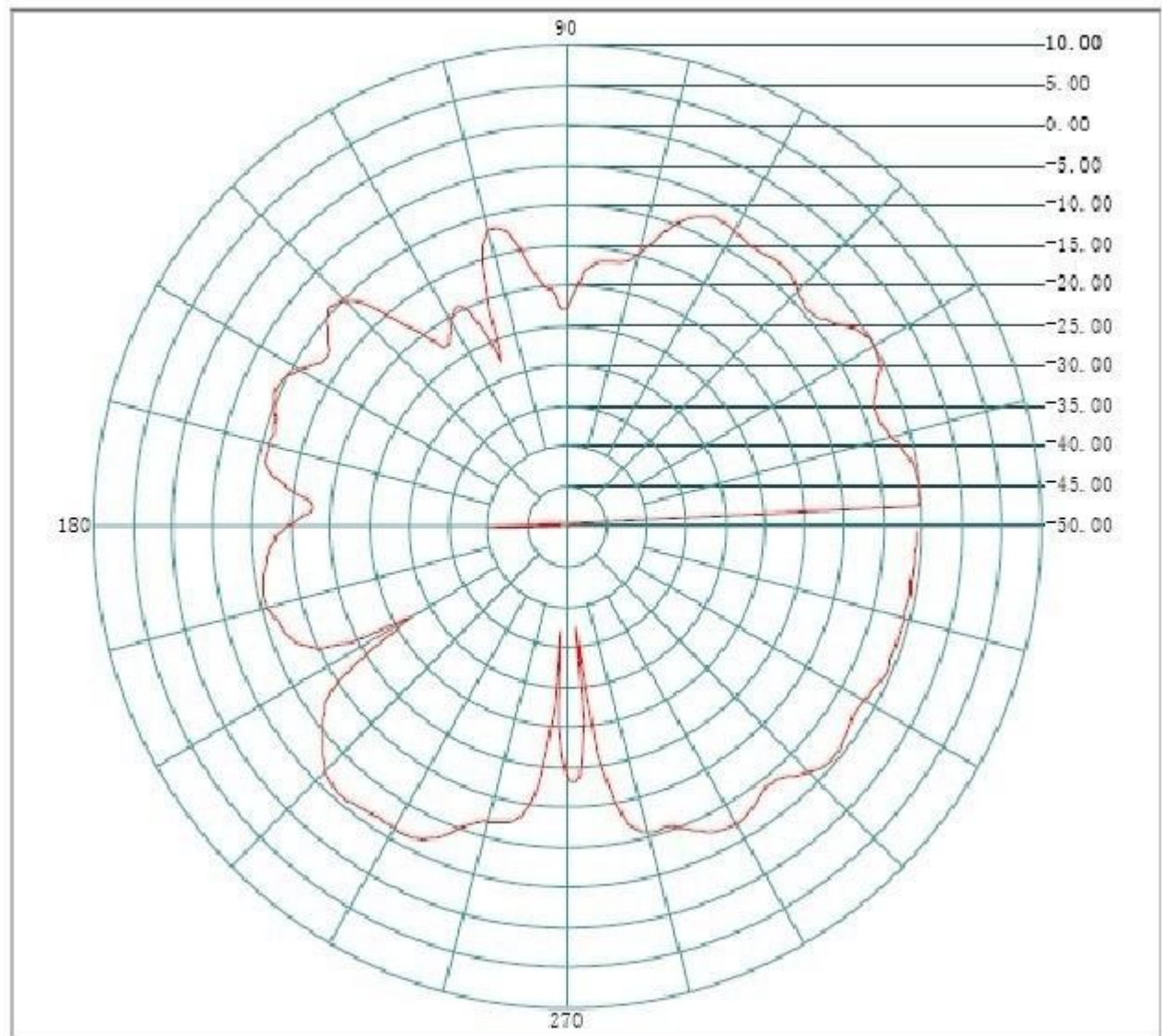
Frequency(MHZ): **2483.5** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.4**

Average Gain(dBi) : **-3.04**

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): **-61.00**

