

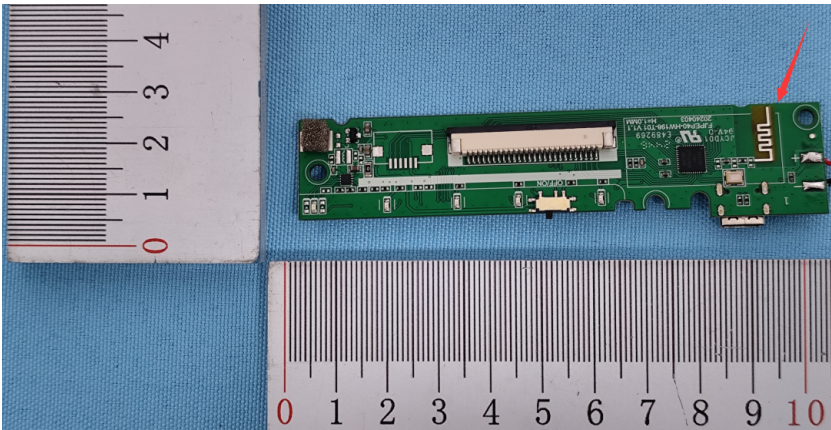
Antenna Specification

Specifications

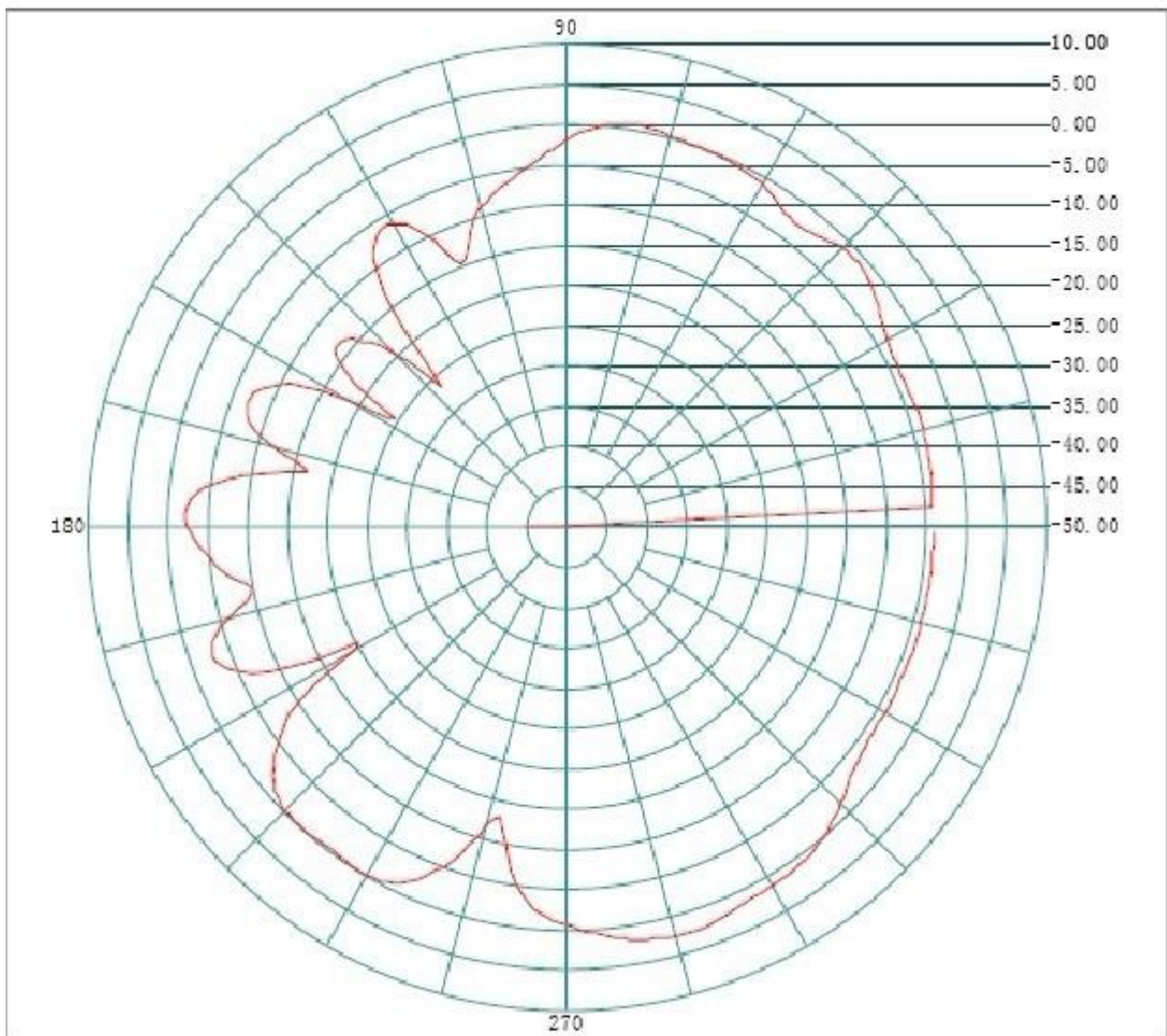
Summary

ITEM	SPEC.	
Model Name	IBM 2.4 GHz	
Center Frequency	2402 MHz	-1.98 dBi
	2441 MHz	-1.75 dBi
	2480 MHz	-0.65 dBi
MAX. GAIN	-0.65dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	14 cm	
Type of Antenna	PCB Antenna	

Antenna Photo & Length (mm)



Address	Hangshi Technology Park, Democracy West Industry Area, Shajing Town, Bao' an District, Shenzhen, China.
Company	Shenzhen Hangshi Electronic Technology Co., Ltd



1. Main antenna : 2402 MHz

1.1 Horizontal

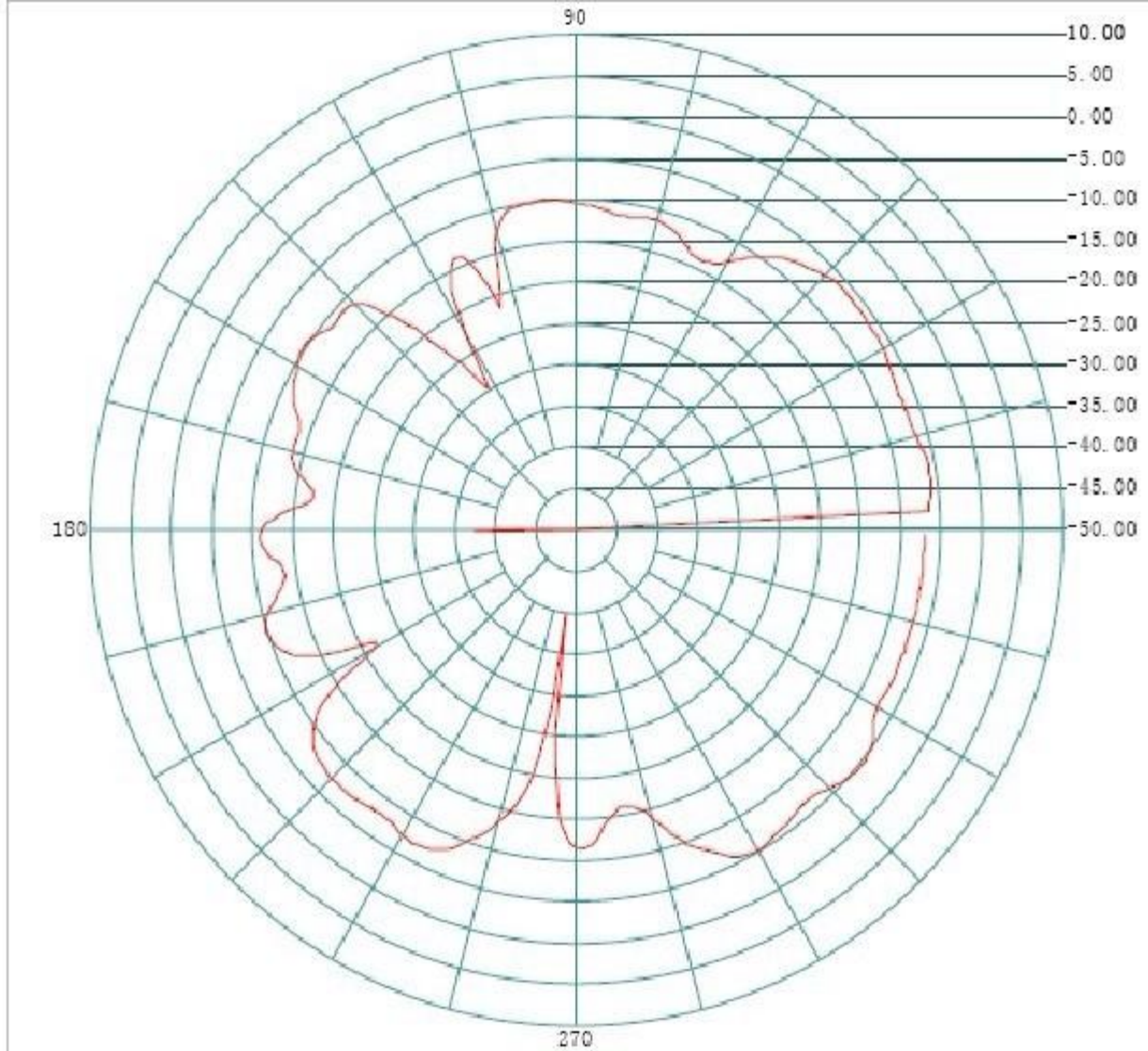
Frequency(MHZ): **2402** Antenna Polarity: **Horizontal**

Maximum Value(dBi) : -1.98

Average Gain(dBi) : **-6.48**

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

1.2 Vertical



Frequency(MHZ): **2402** Antenna Polarity: **Vertical**

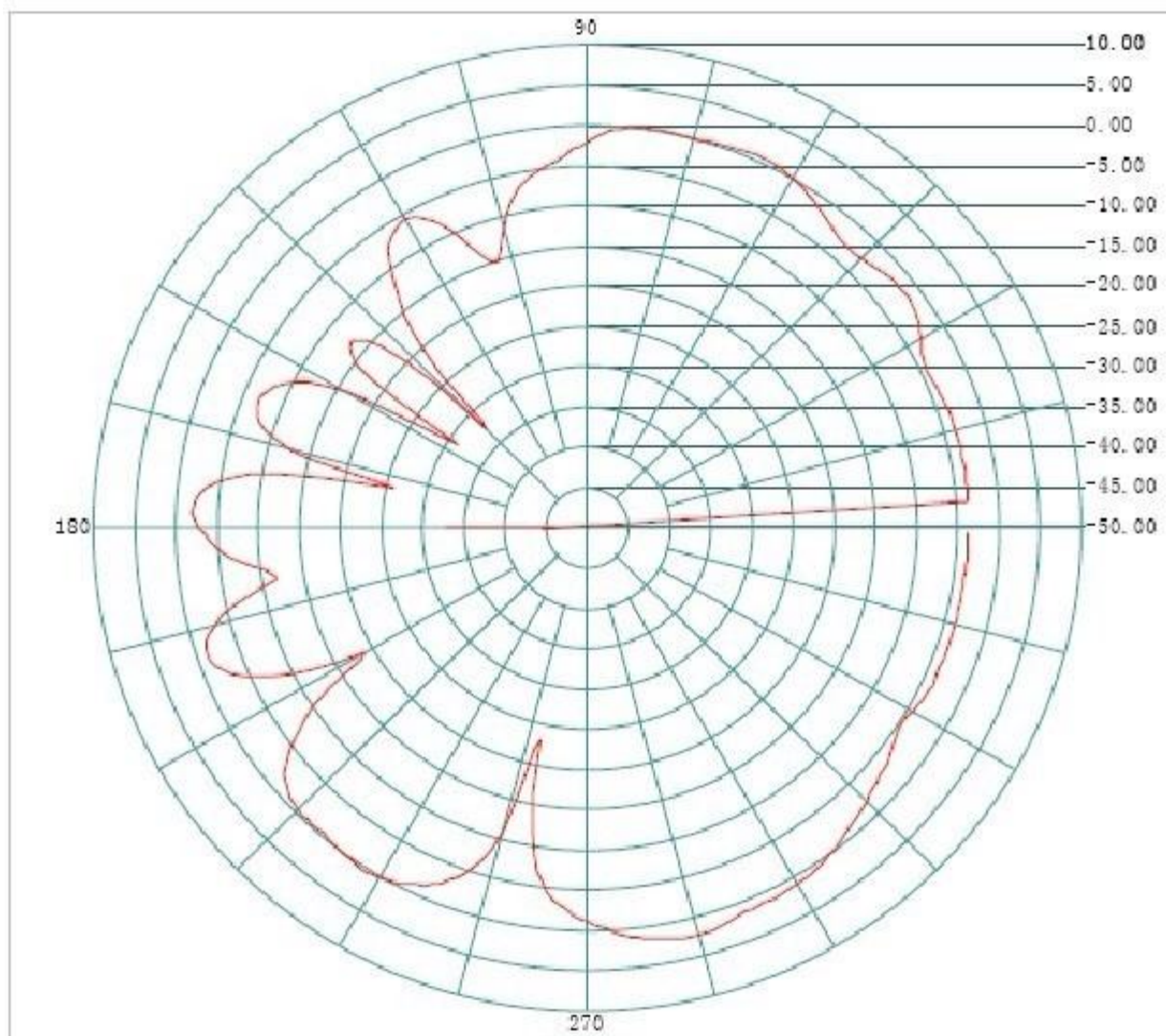
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2441 MHz

2.1 Horizontal



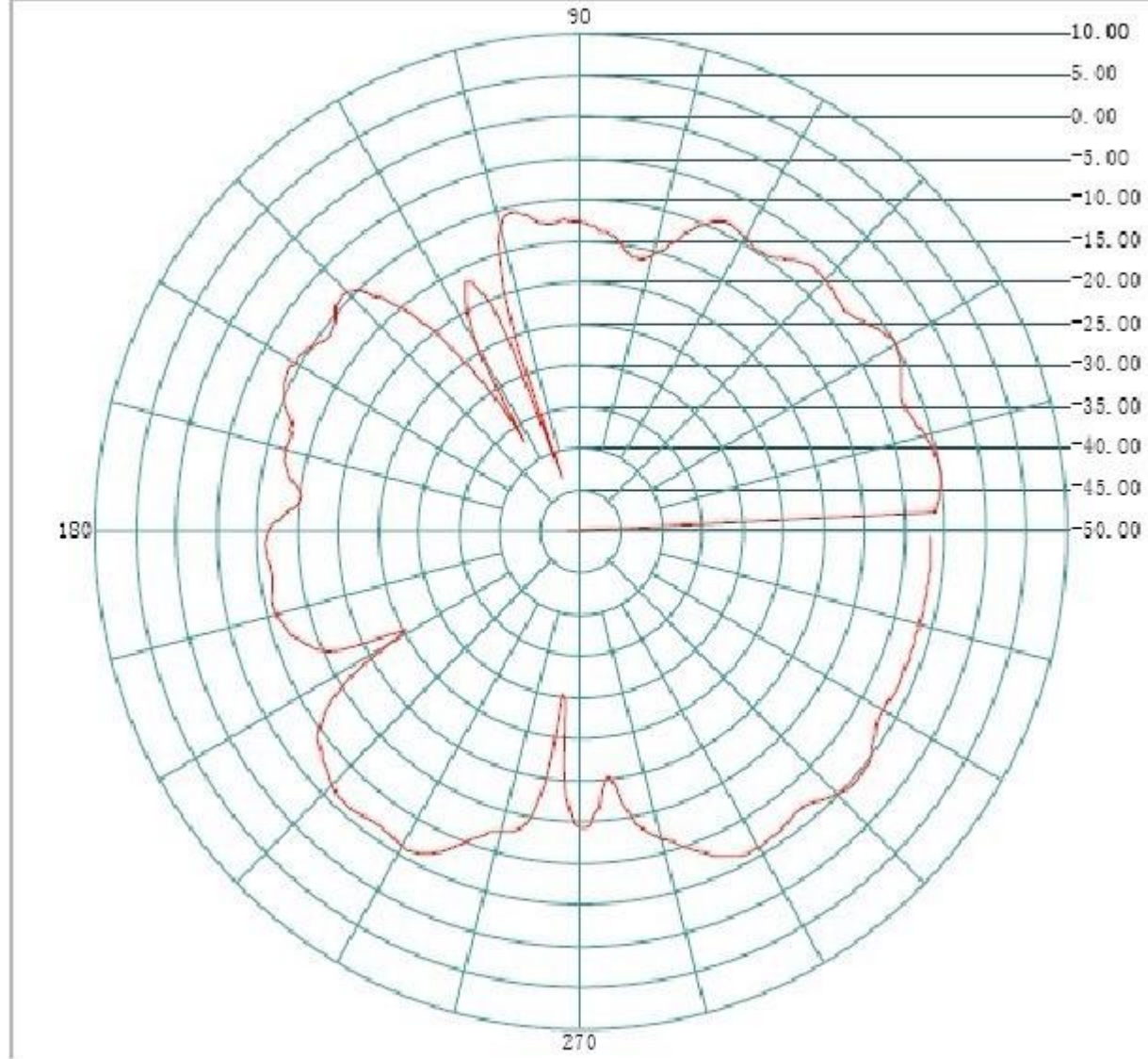
Frequency(MHZ): **2441** Antenna Polarity: **Horizontal**

Maximum Value(dBi) : -1.75

Average Gain(dBi) : -5.54

Minimum Gain(dBi): -66.98

2.2 Vertical



Frequency(MHZ): **2441** Antenna Polarity: **Vertical**

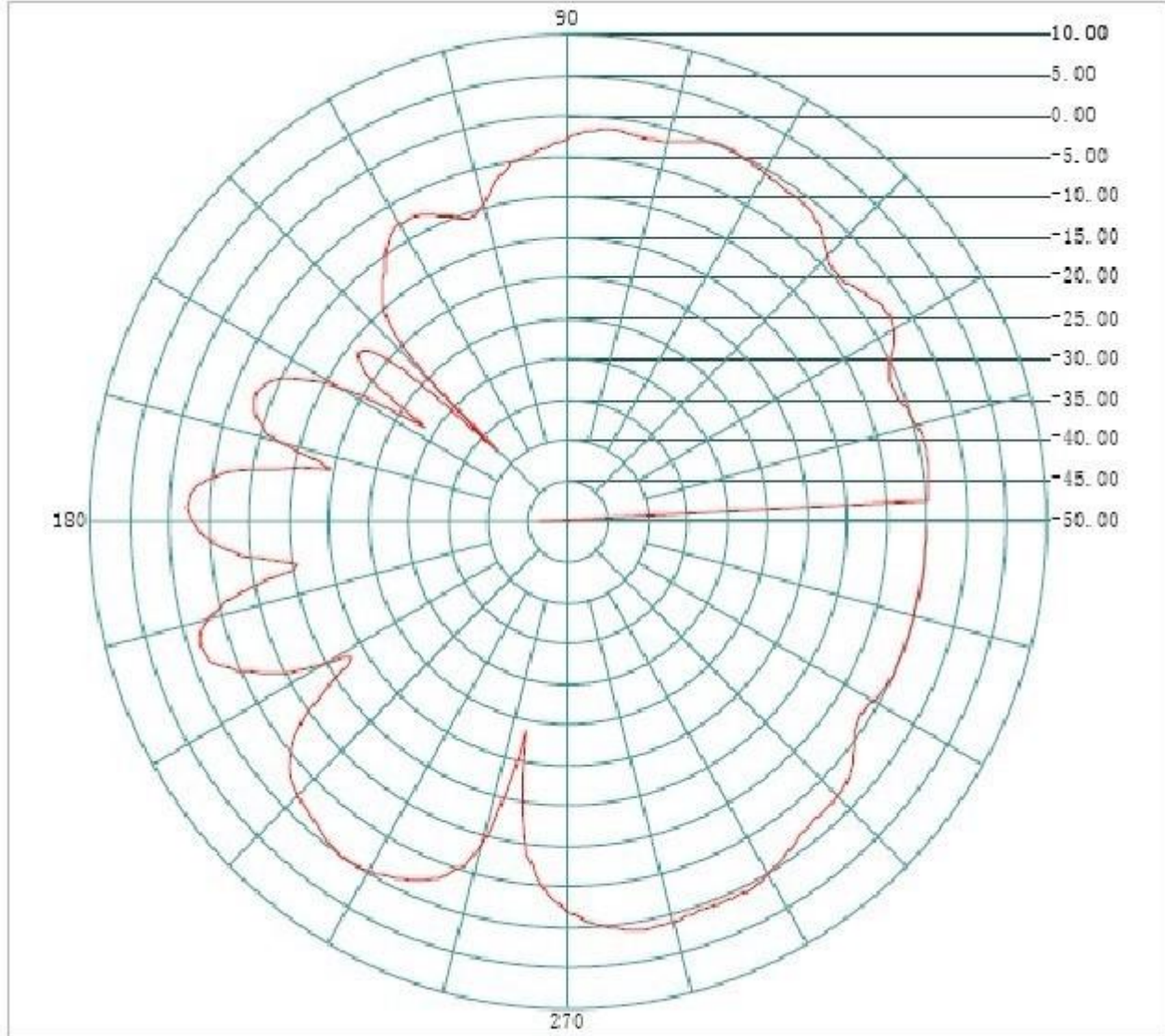
Maximum Value(dBi): **-4.29**

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

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

2. Main antenna : 2480 MHz

2.1 Horizontal



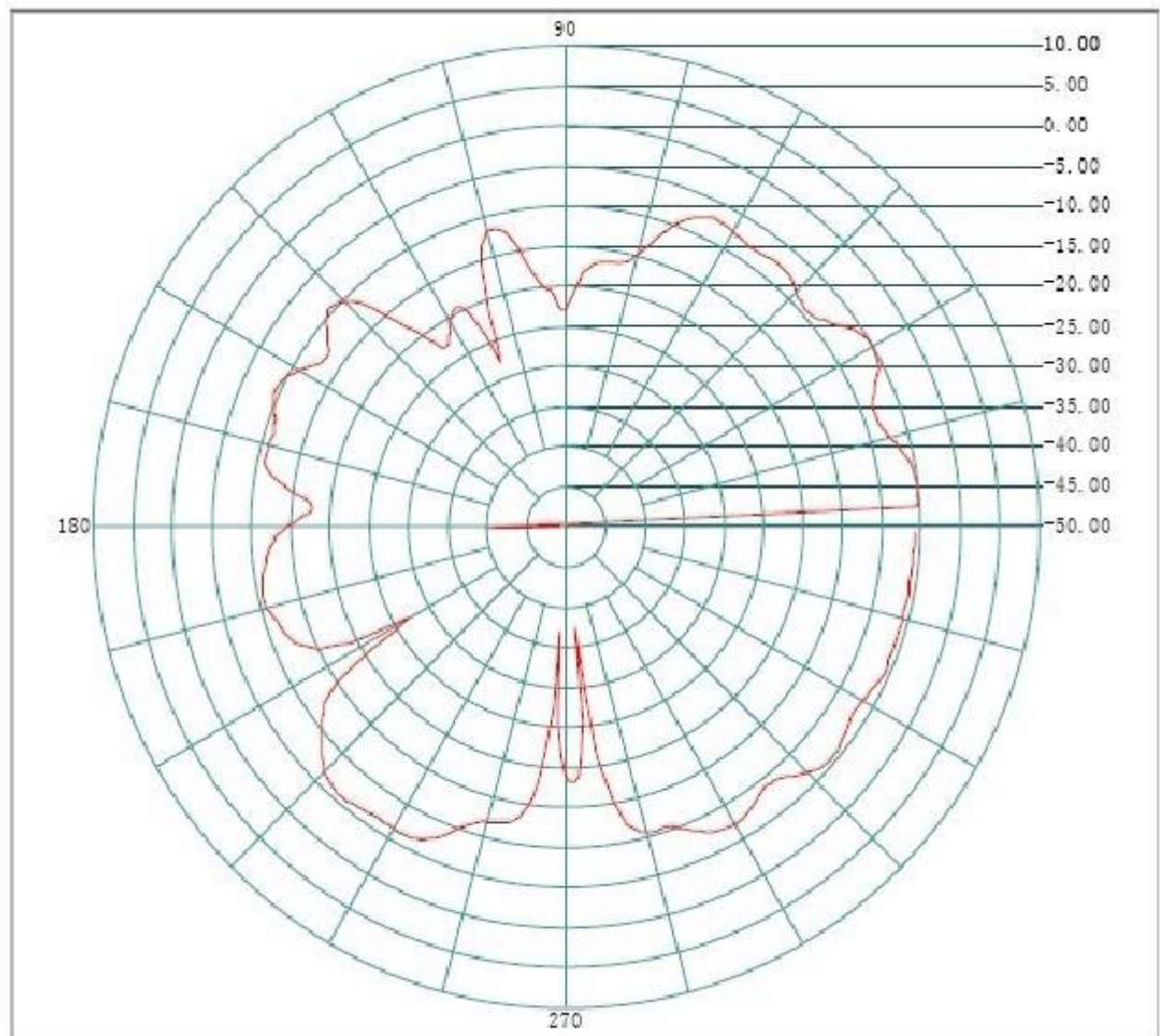
Frequency(MHZ): **2480** Antenna Polarity: **Horizontal**

Maximum Value(dBi) : -0.65

Average Gain(dBi) : **-4.34**

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

2.2 Vertical



Frequency(MHZ): **2480** Antenna Polarity: **Vertical**

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

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

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