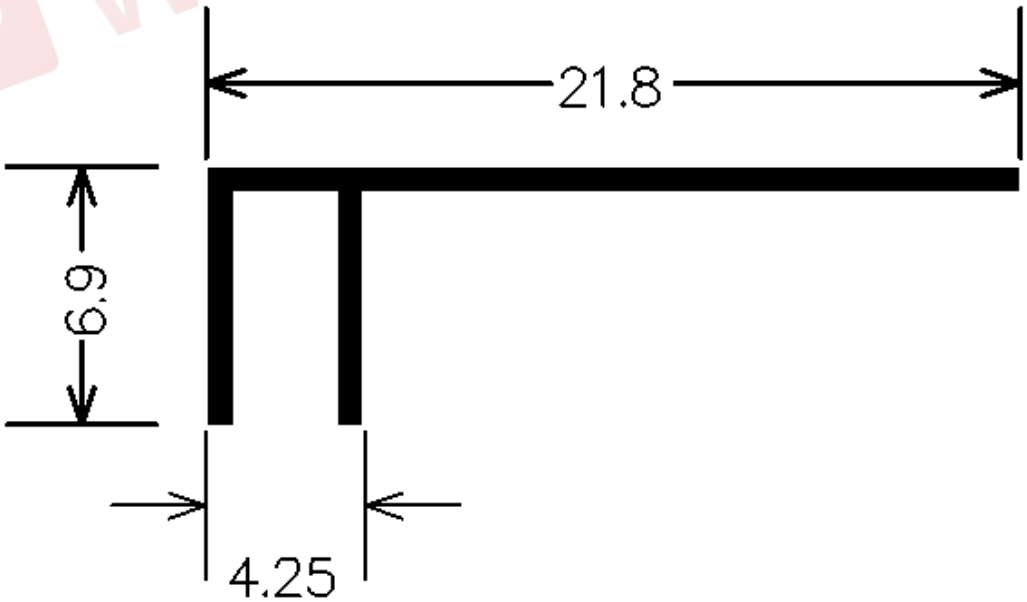
Antenna Specification

Specifications

Summary

ITEM	SPEC.
Model Name	IBM 2.4 GHz
Center Frequency	2405 MHz 2.34dBi
	2441 MHz 2.07dBi
	2475 MHz 1.45dBi
MAX. GAIN	2.34dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω
Antenna Length	3.35cm
Manufacture	RAIN International Technology Co., Ltd.

Antenna Photo & Length (mm)



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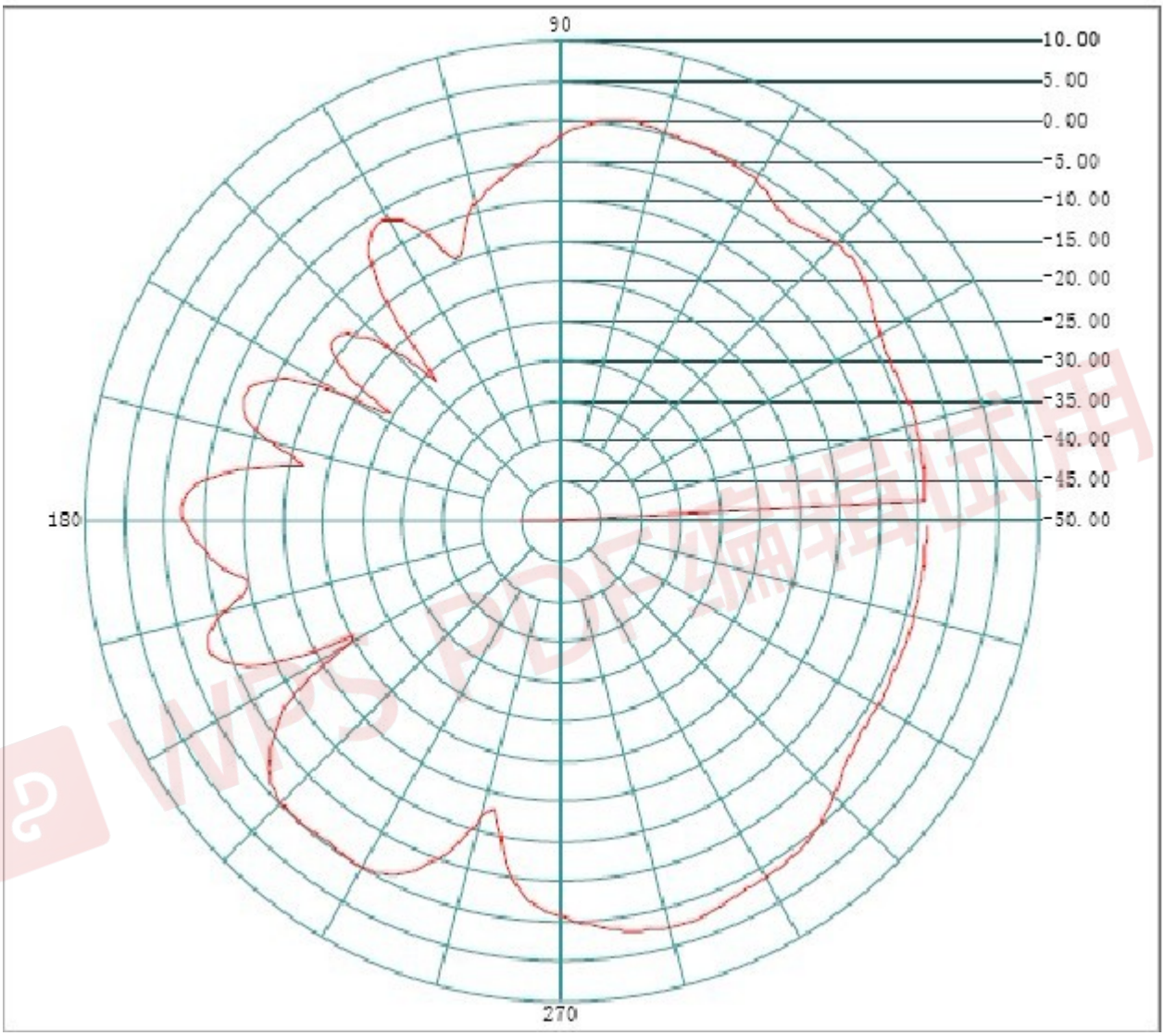
1. Main antenna : 2405 MHz

1.1 Horizontal



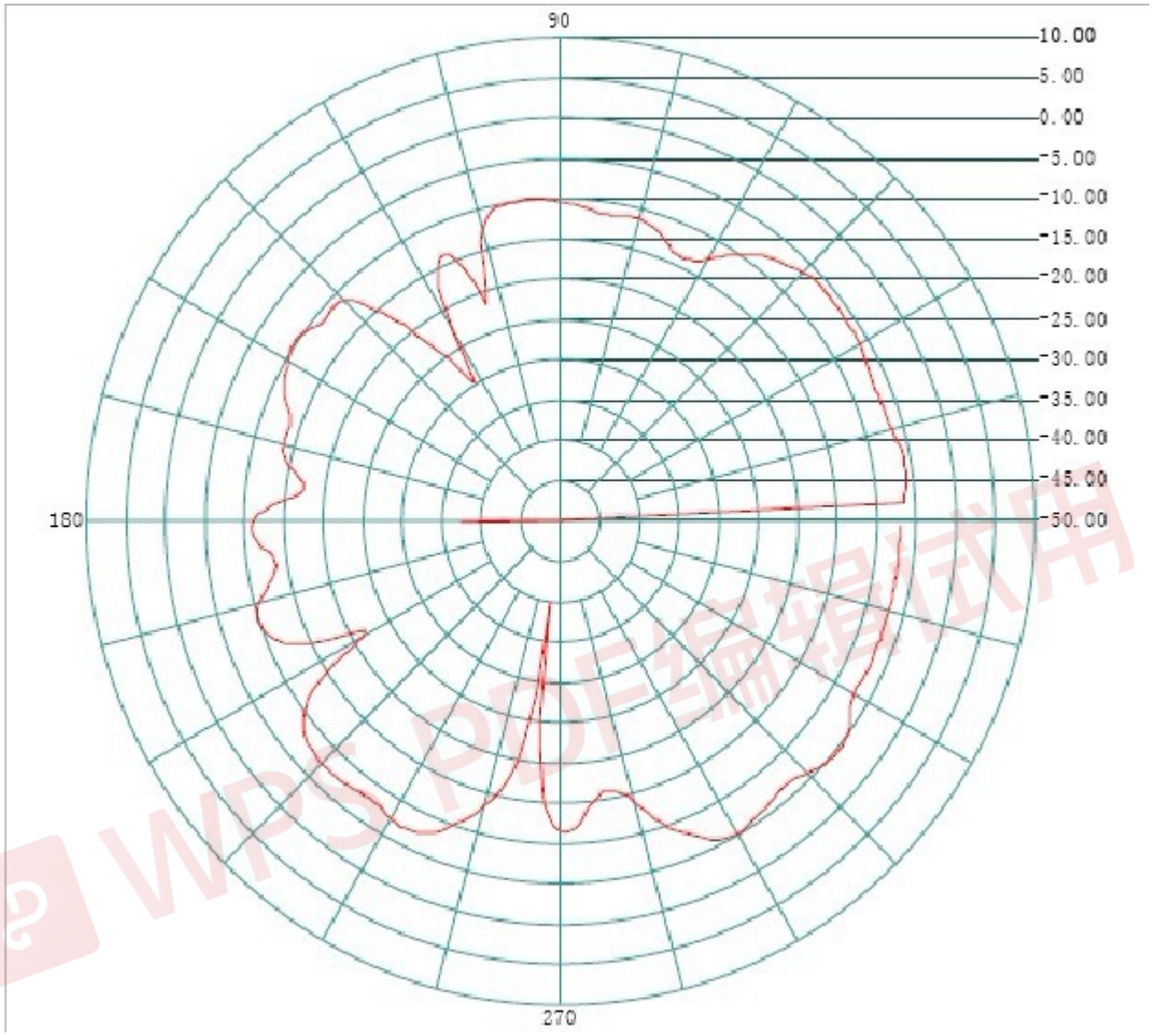
Frequency(MHZ): **2405** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **2. 34**

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

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

1.2 Vertical



Frequency(MHZ): **2405** Antenna Polarity: **Vertical**

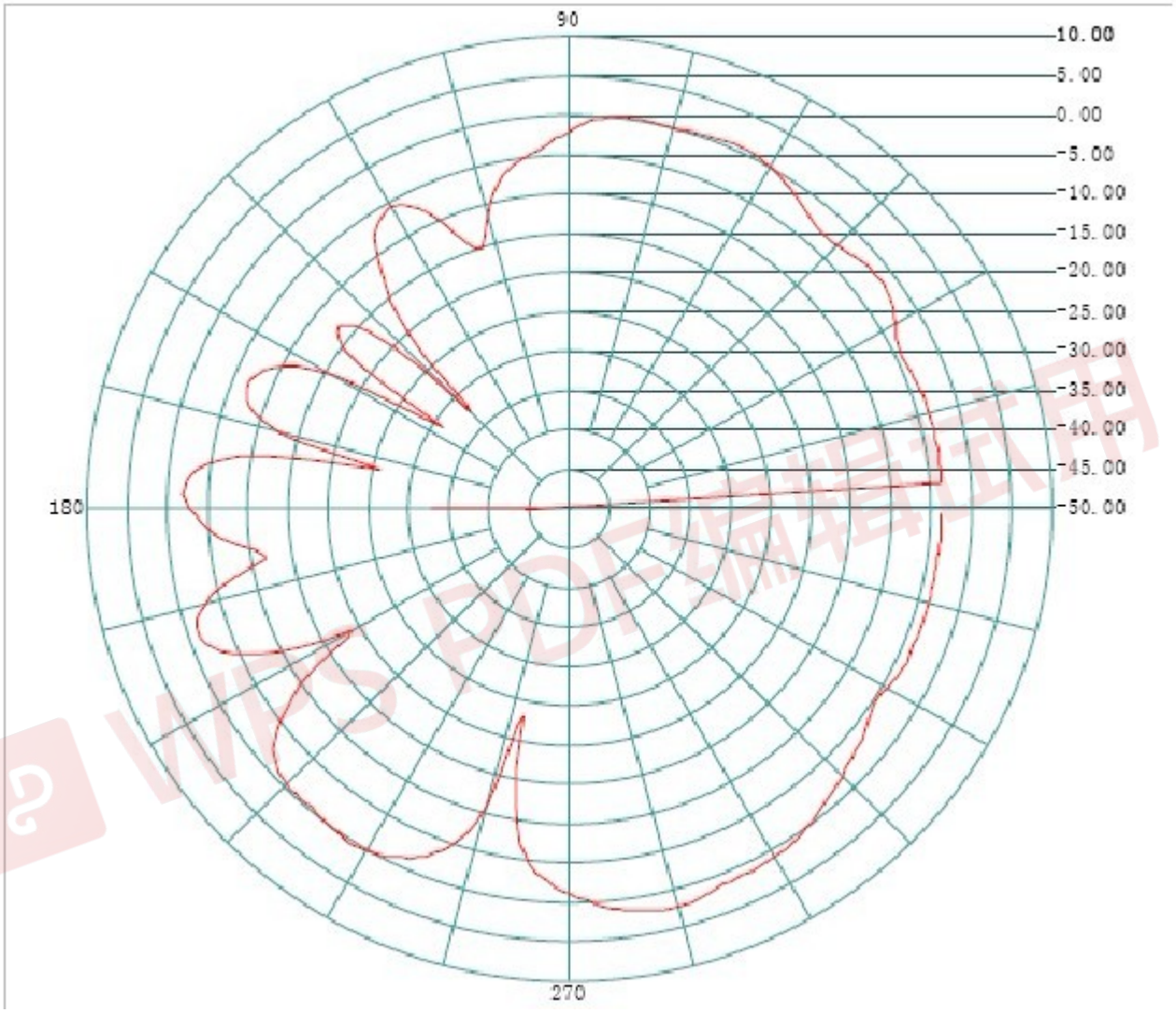
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2441 MHz

2.1 Horizontal



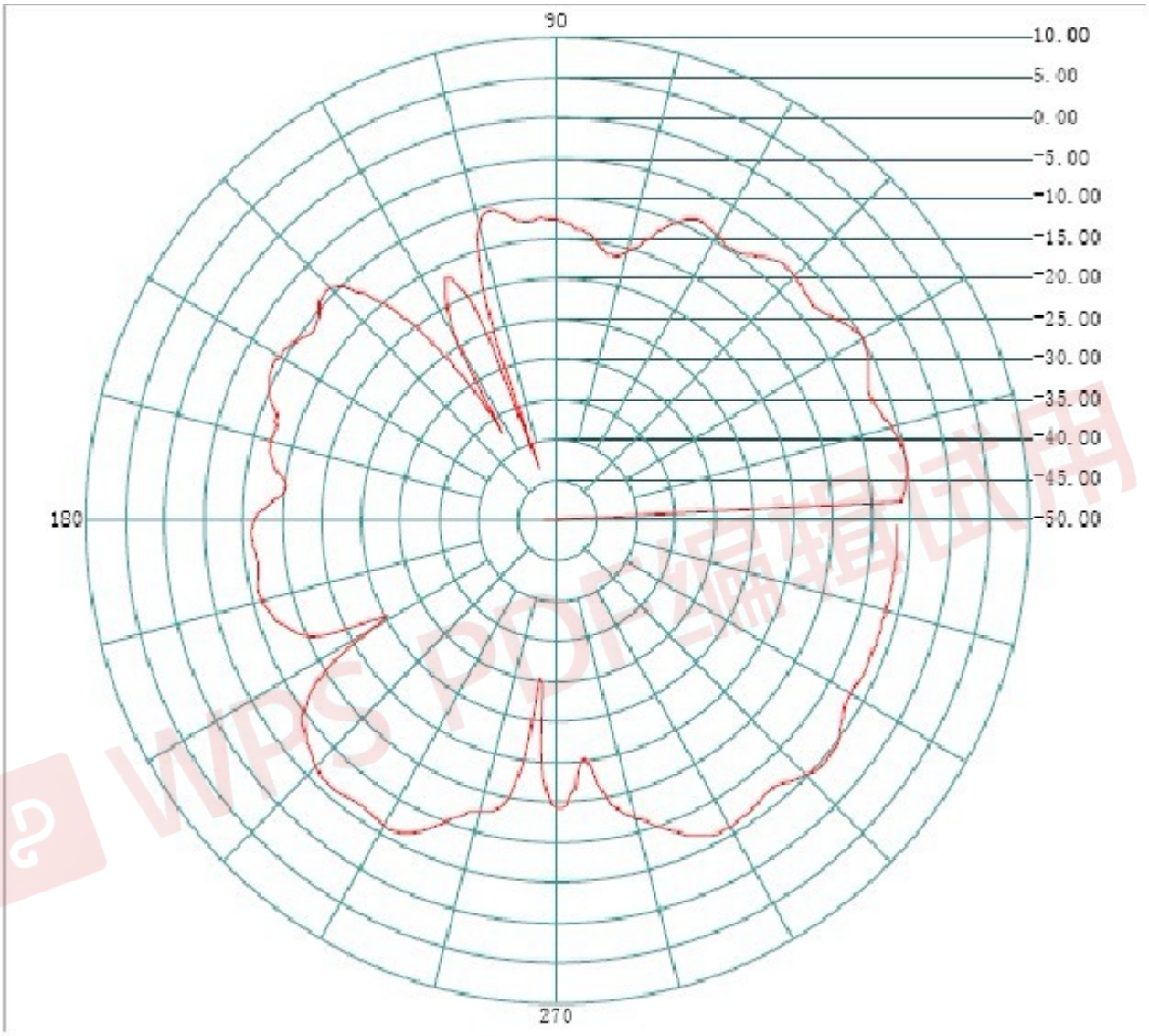
Frequency(MHZ): **2441** Antenna Polarity: **Horizontal**

Maximum Value(dBi): 2.07

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

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

2.2 Vertical



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

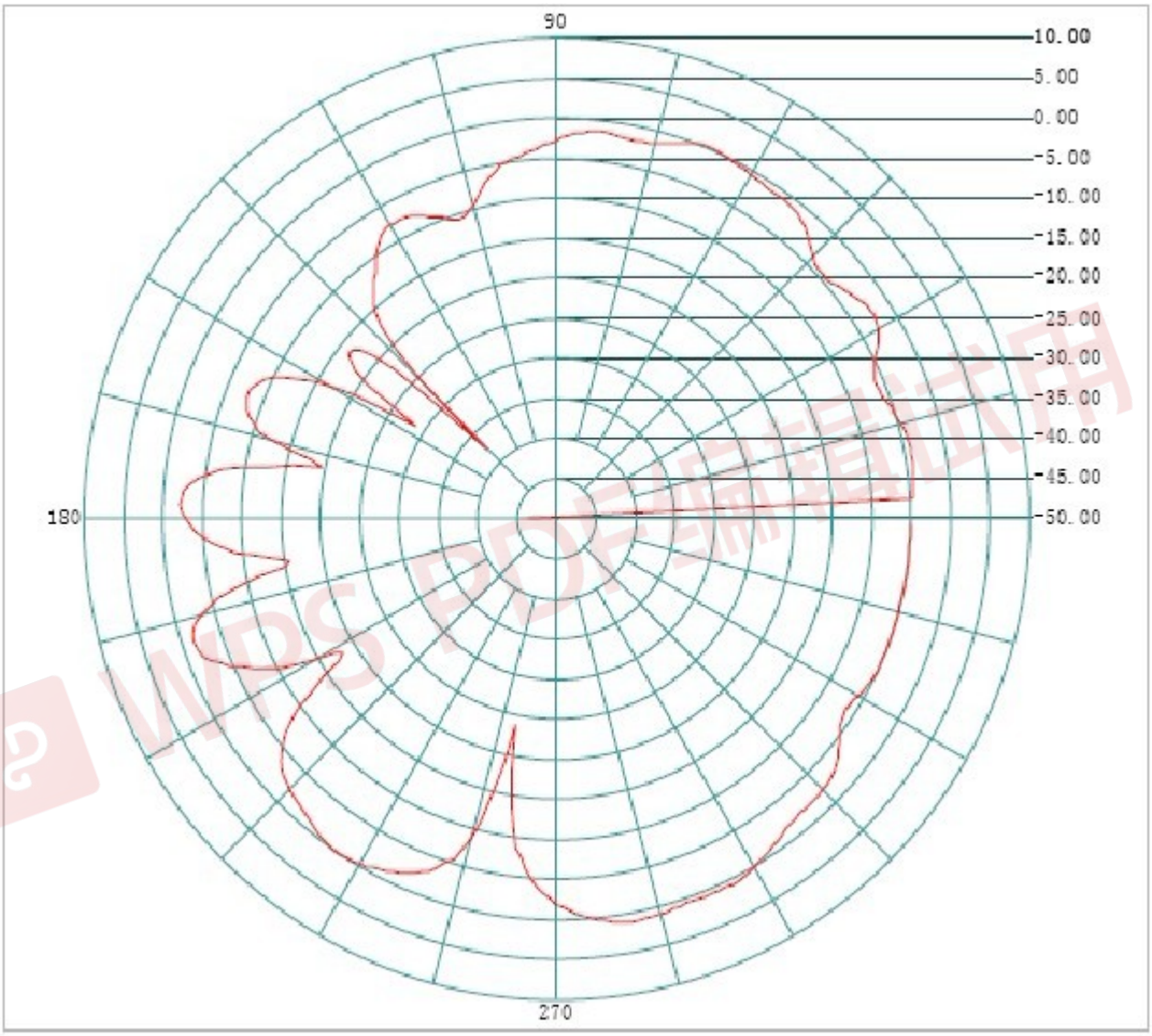
Maximum Value(dBi): **-4.29**

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

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

2. Main antenna : 2475 MHz

2.1 Horizontal



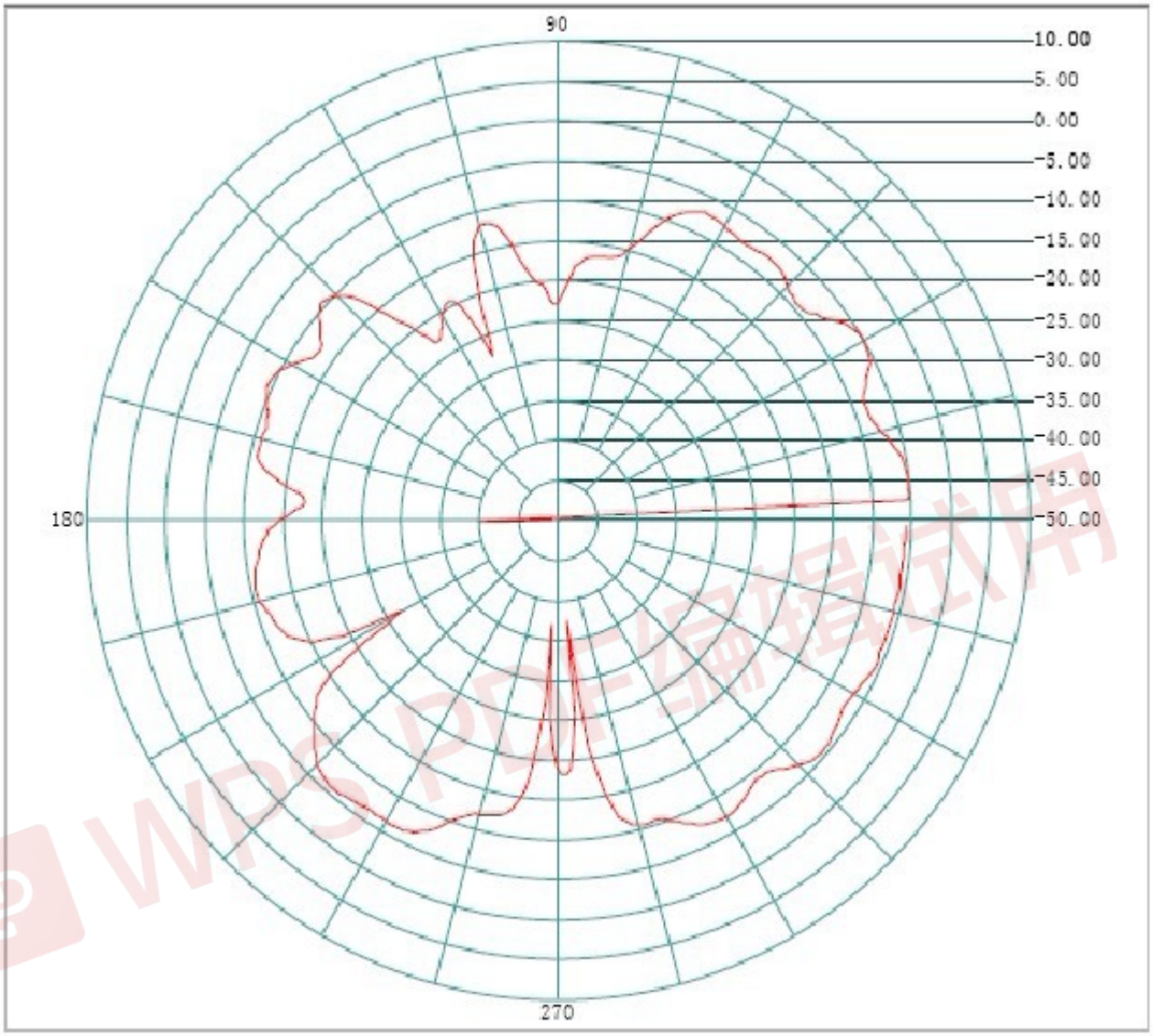
Frequency(MHZ): **2475** Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.45**

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

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

2.2 Vertical



Frequency(MHZ): **2475** Antenna Polarity: **Vertical**

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

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

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

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