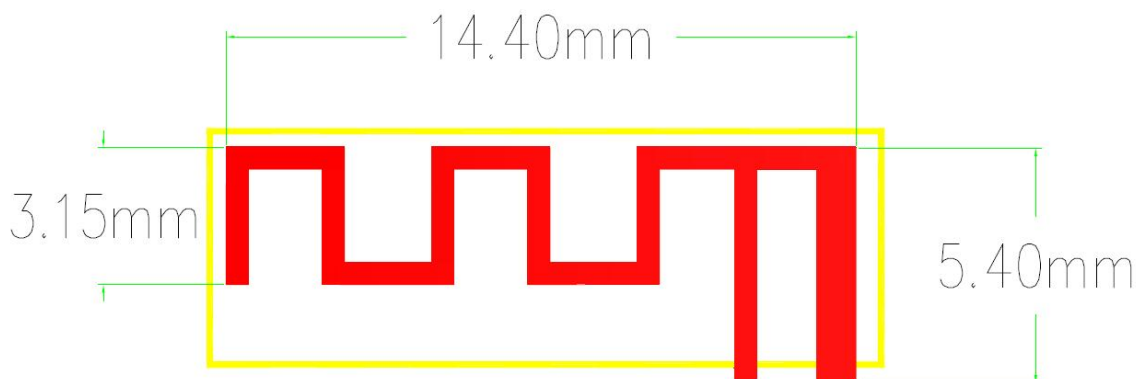


Antenna Specification

Specifications

Summary

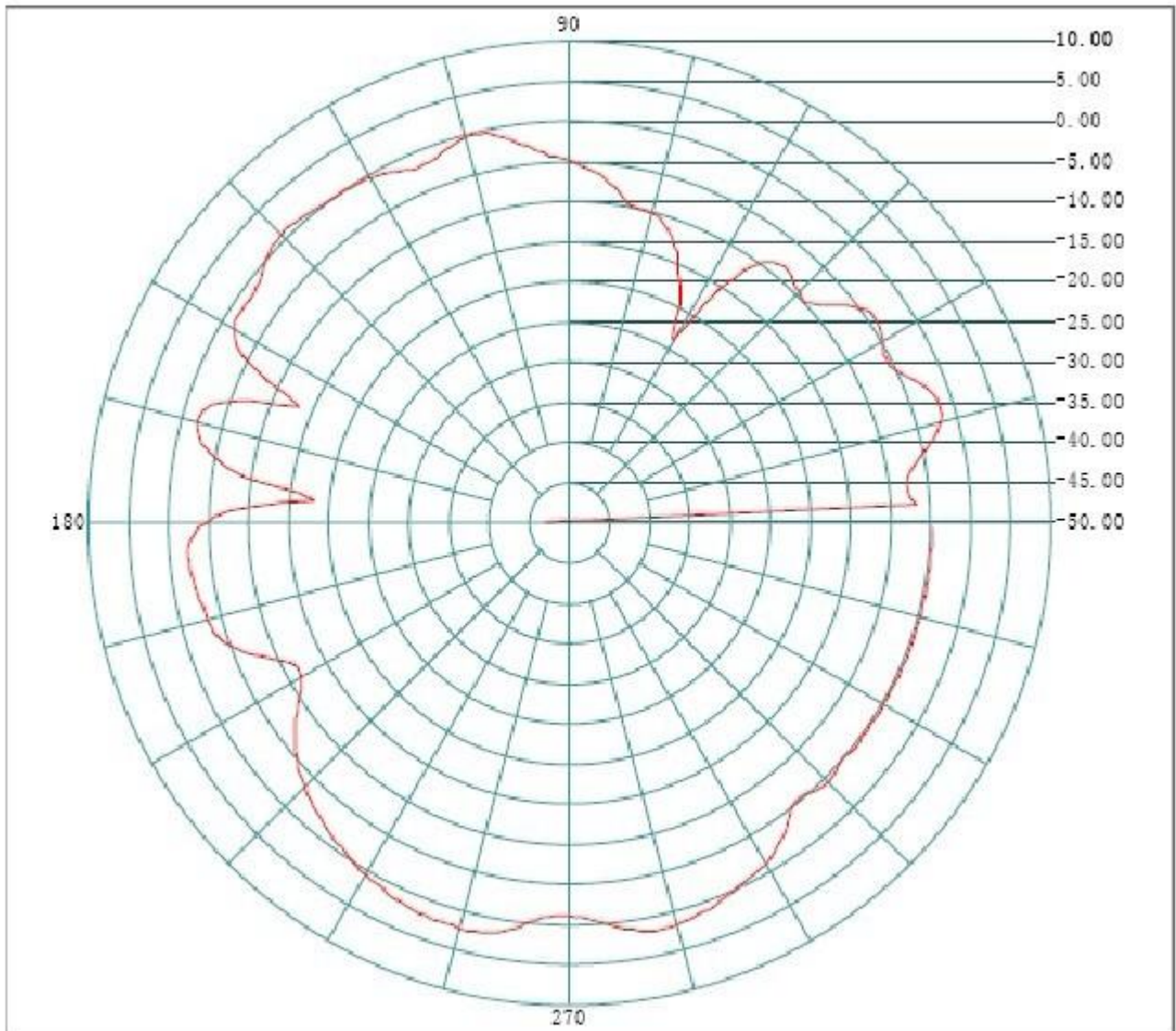
ITEM	SPEC.
Model Name	PCB Antenna
Frequency	2400-2500 MHz
MAX. GAIN	1.06 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω
Manufacturer	Shenzhen Xungrui core Technology Co., LTD
Address	013C, 8th Floor, Building B, Hedong Building, Liutang Road, Xixiang Street, Baoan District, Shenzhen



Test Address	16 Tzu Chiang Road, Hsinchu Industrial District Hsinchu Hsien 303, Taiwan
Test Date	2023-08-10
Test Instrument	vector network analyzer - R&S ZVB20

1. Main antenna : 2400MHz

1.1 Horizontal



Frequency(MHZ): **2400**

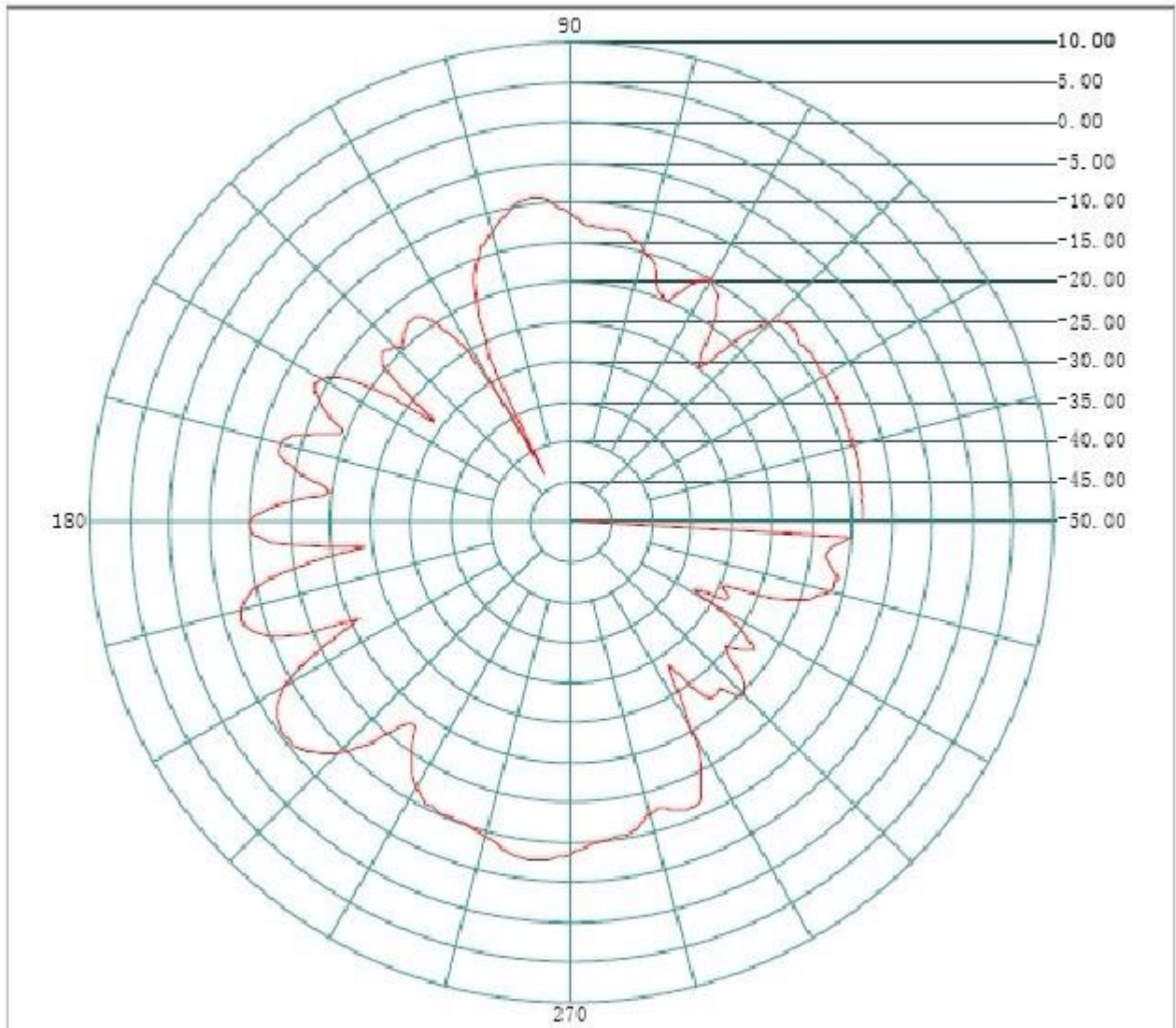
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.06**

Average Gain(dBi) : **-3.32**

Minimum Gain(dBi): **-53.04**

1.2 Vertical



Frequency(MHZ): **2400**

Antenna Polarity: **Vertical**

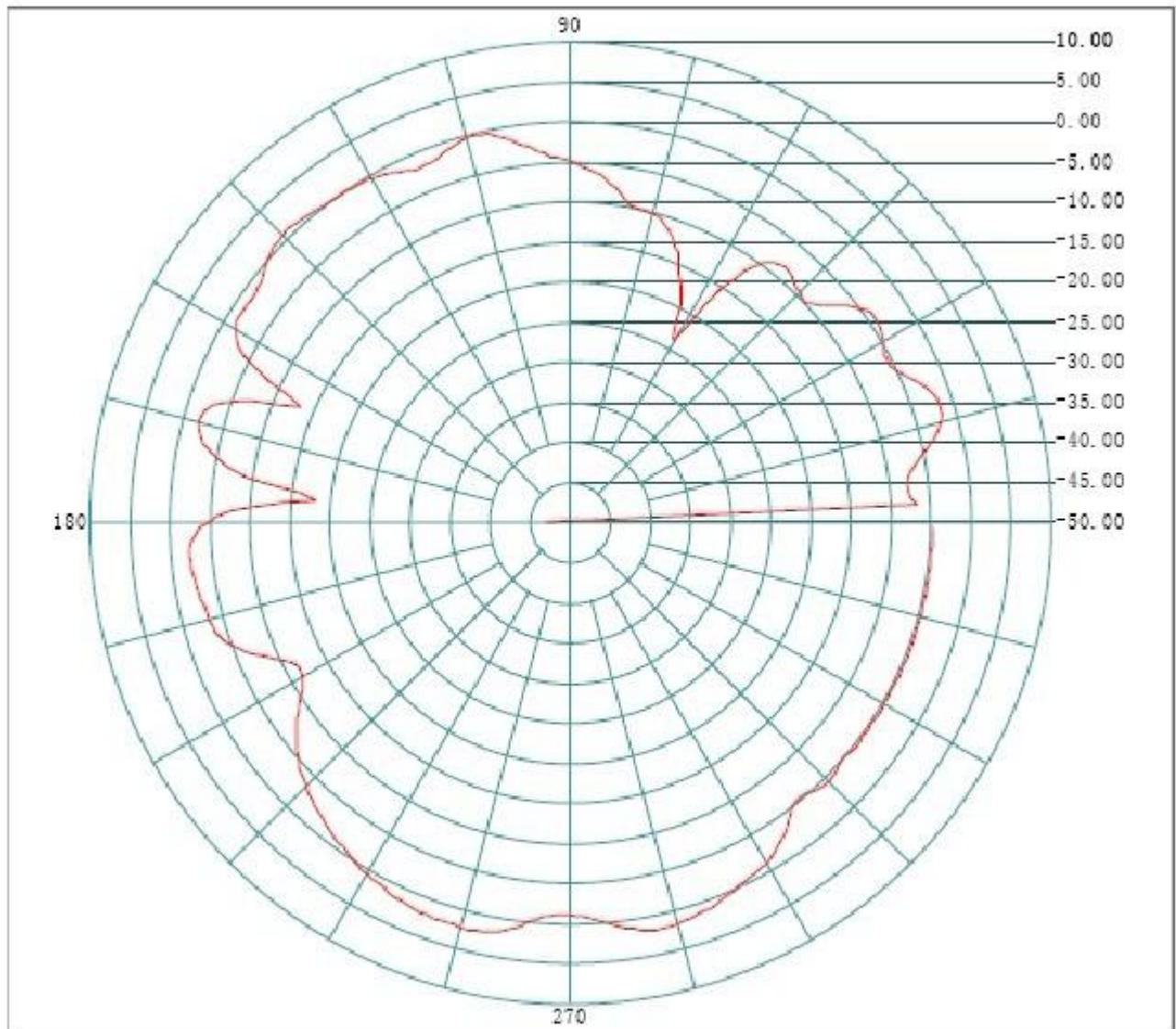
Maximum Value(dBi): **-4.01**

Average Gain(dBi) : **-6.64**

Minimum Gain(dBi): **-48.4**

2. Main antenna : 2450MHz

2.1 Horizontal



Frequency(MHZ): **2450**

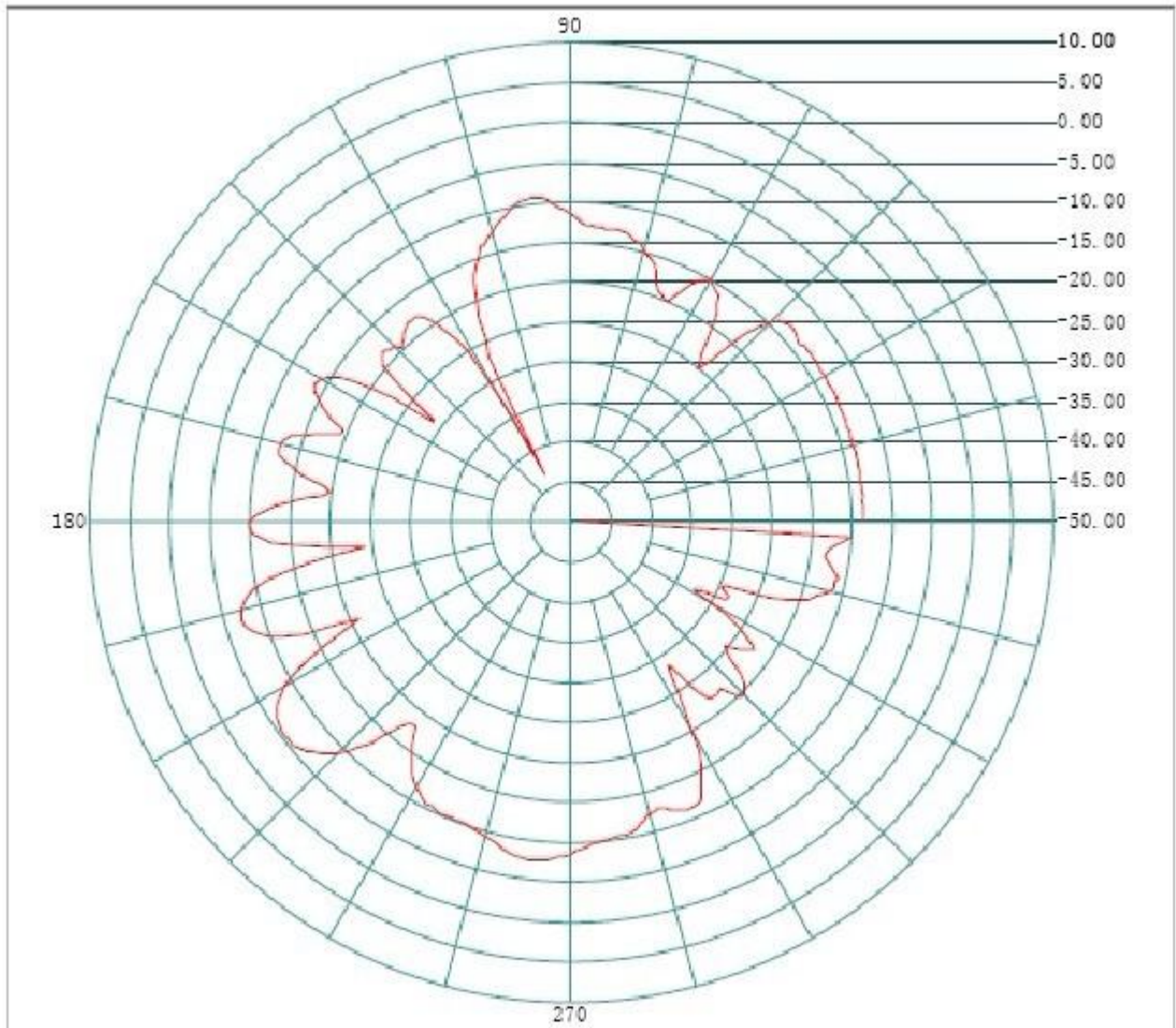
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **0.19**

Average Gain(dBi) : **-4.46**

Minimum Gain(dBi): **-55.84**

2.2 Vertical



Frequency(MHZ): **2450**

Antenna Polarity: **Vertical**

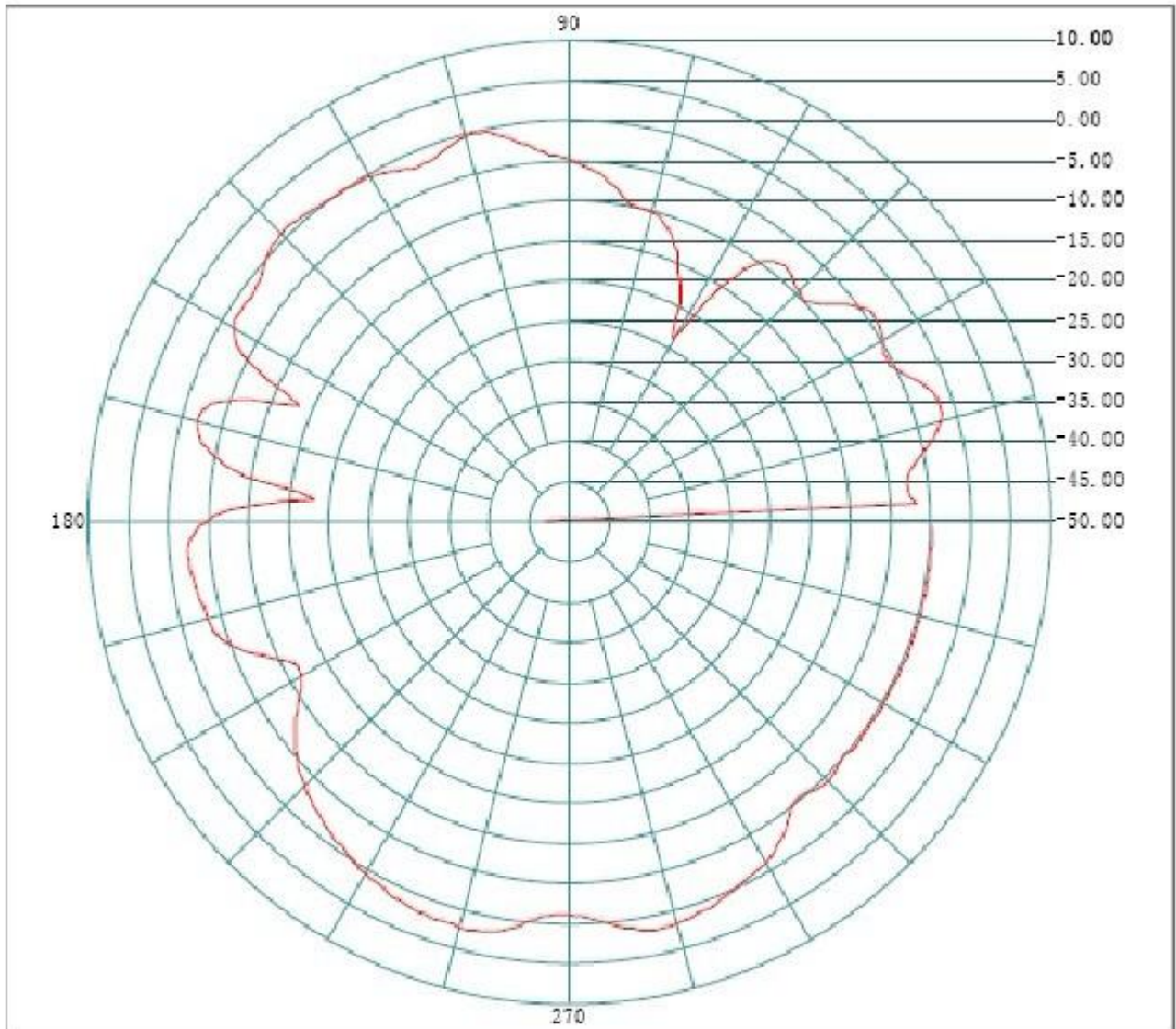
Maximum Value(dBi): **-5.14**

Average Gain(dBi) : **-7.64**

Minimum Gain(dBi): **-46.8**

3. Main antenna : 2500MHz

3.1 Horizontal



Frequency(MHZ): **2500**

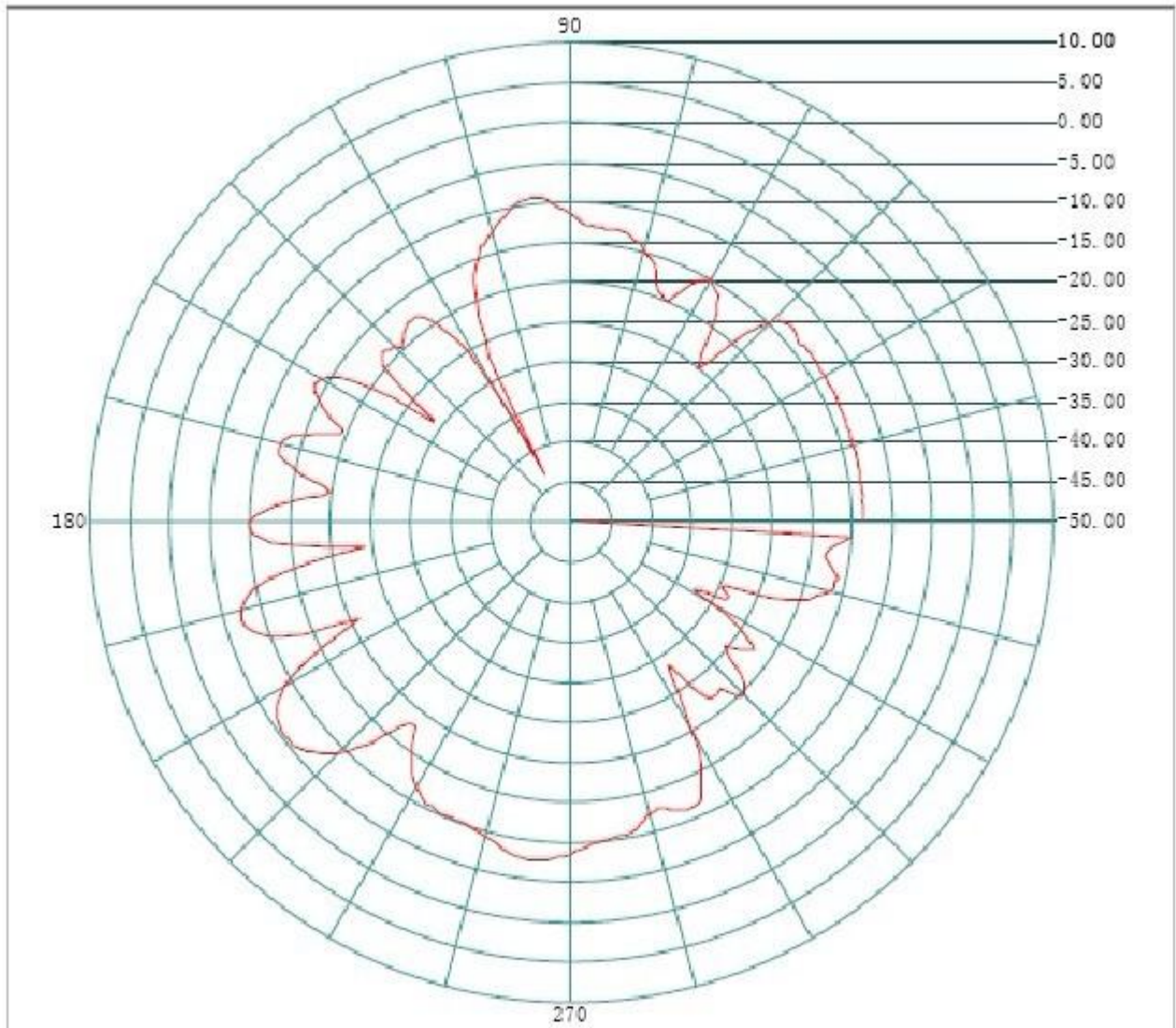
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **0.26**

Average Gain(dBi) : **-3.44**

Minimum Gain(dBi): **-54.71**

3.2 Vertical



Frequency(MHZ): **2500**

Antenna Polarity: **Vertical**

Maximum Value(dBi): **-4.38**

Average Gain(dBi) : **-6.85**

Minimum Gain(dBi): **-45.82**