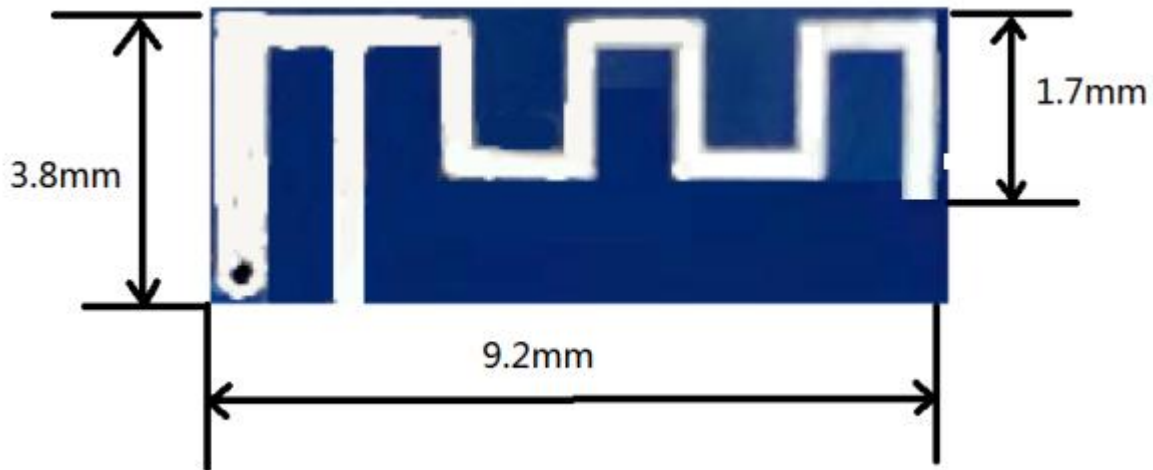


Antenna Specification

Manufacturer	Shenzhen Aozhuo IoT Technology Co., Ltd.
Address	Room 301A, Building A, No.8 Heshu Road, Xinxue Community, Bantian Street, Longgang District, Shenzhen

Specifications

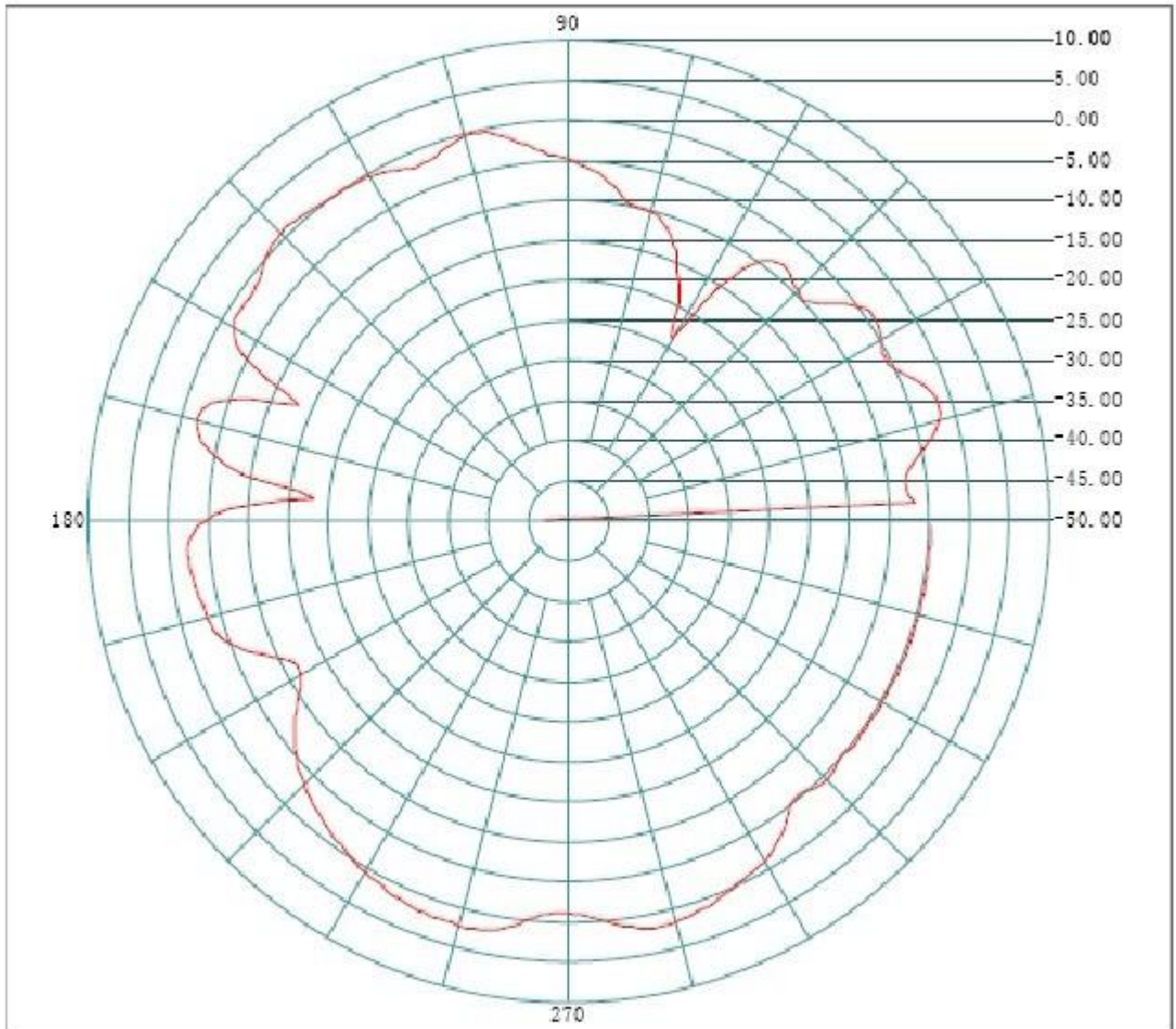
ITEM	SPEC.
Model Name	PCB Antenna
Frequency	2400-2500 MHz
MAX. GAIN	1.06 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω



Test Lab Info	
Test Lab	TMT Automation Inc.
Test Address	No.61, Aly. 24, Ln.284, Wuxing St., Xinyi Dist., Taipei City 110,Taiwan
Test Date	2023-08-10TMT Automation Inc.
Test Instrument	vector network analyzer - R&S ZVB20

1. Main antenna : 2400MHz

1.1 Horizontal



Frequency(MHZ): **2441**

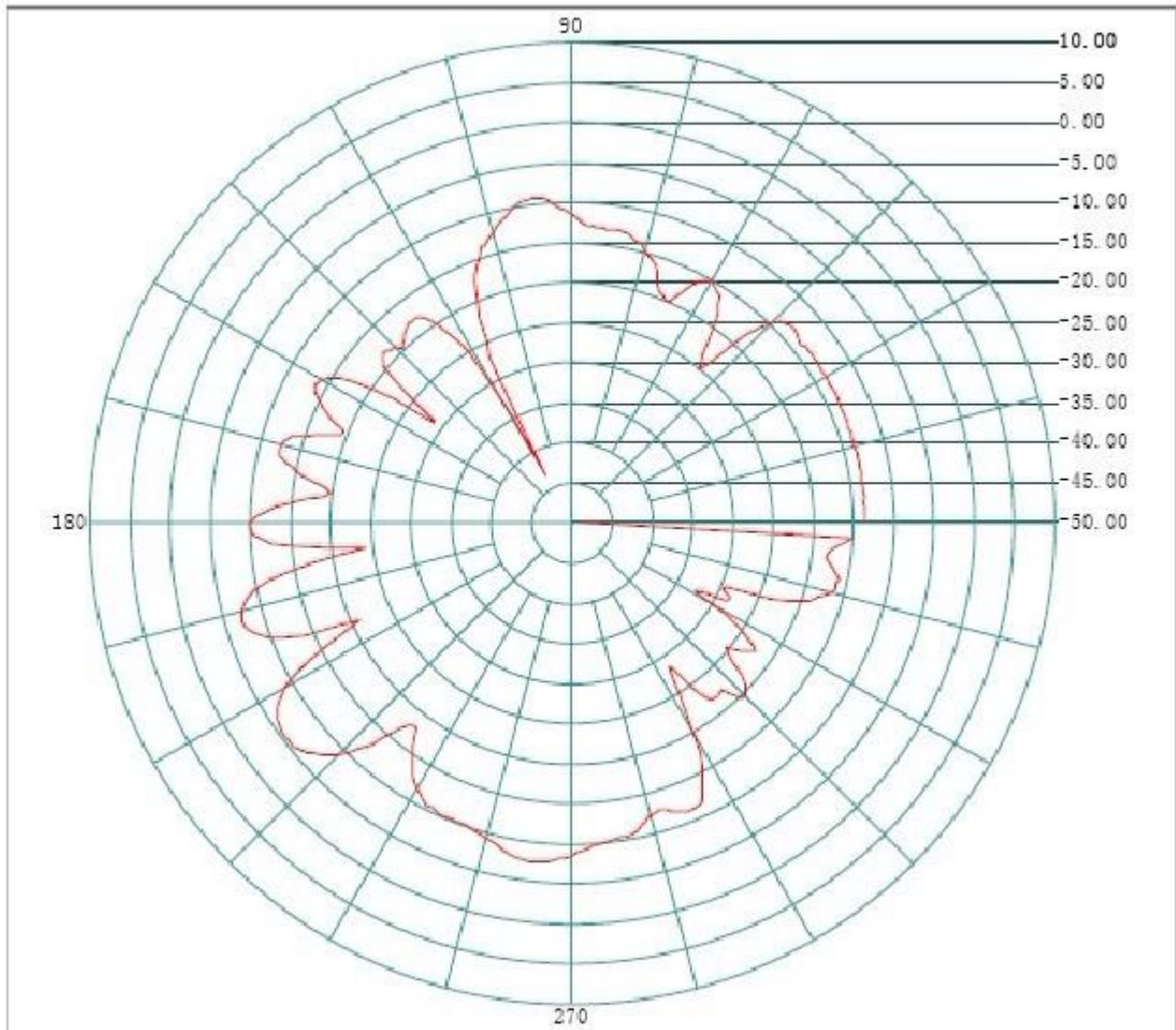
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.06**

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

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

1.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

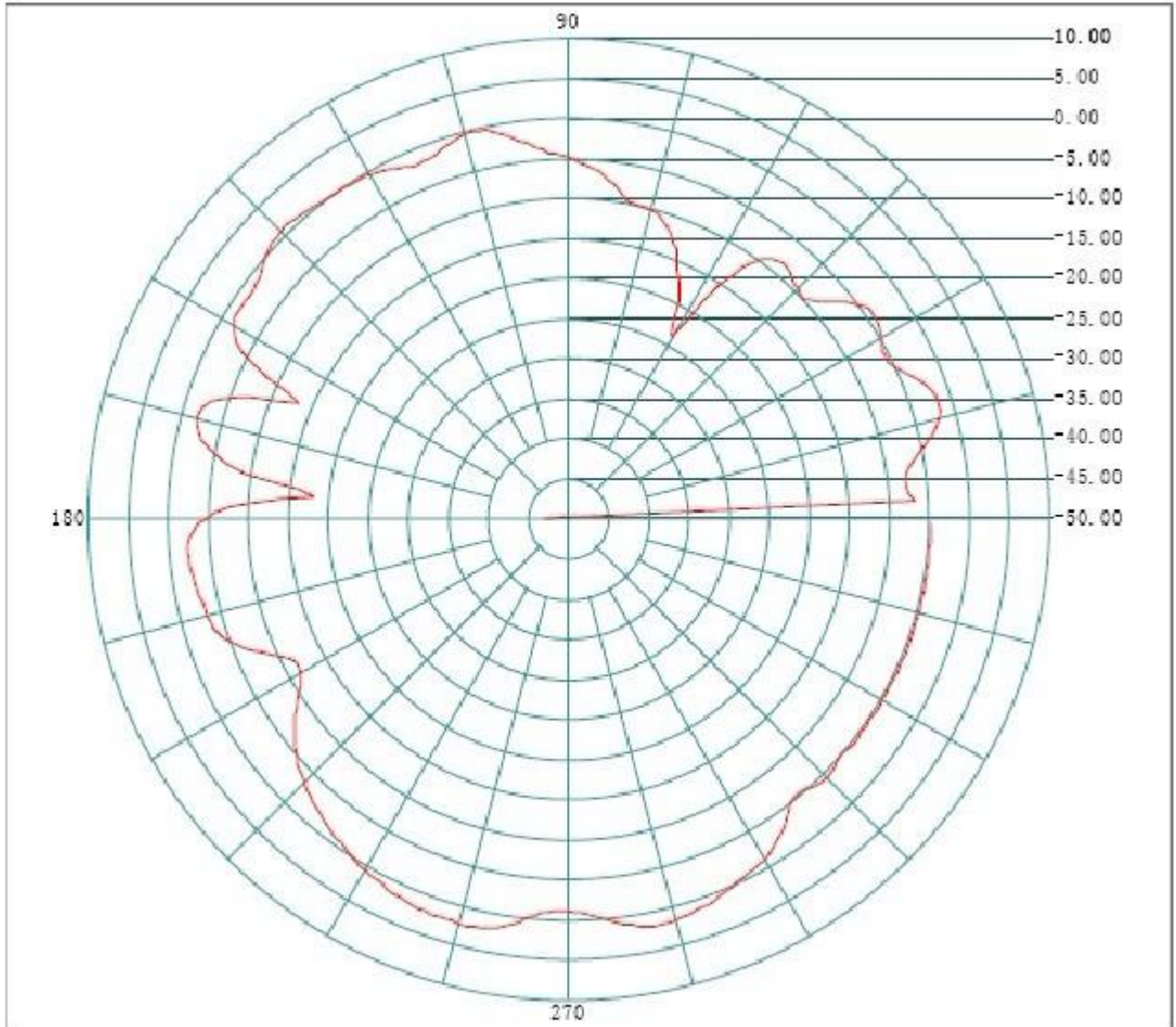
Maximum Value(dBi): **-4.01**

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

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

2. Main antenna : 2450MHz

2.1 Horizontal



Frequency(MHZ): **2441**

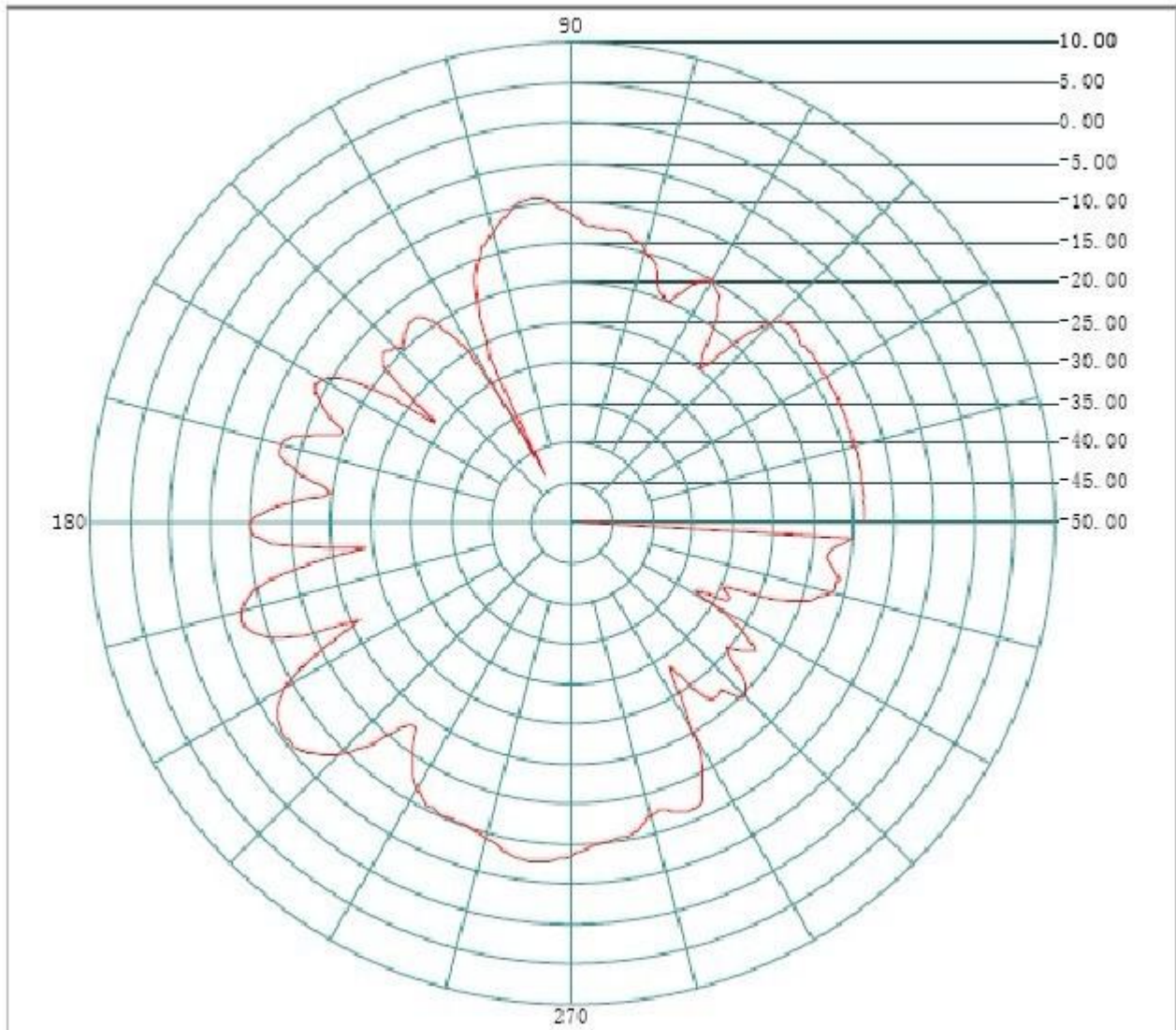
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **0.19**

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

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

2.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

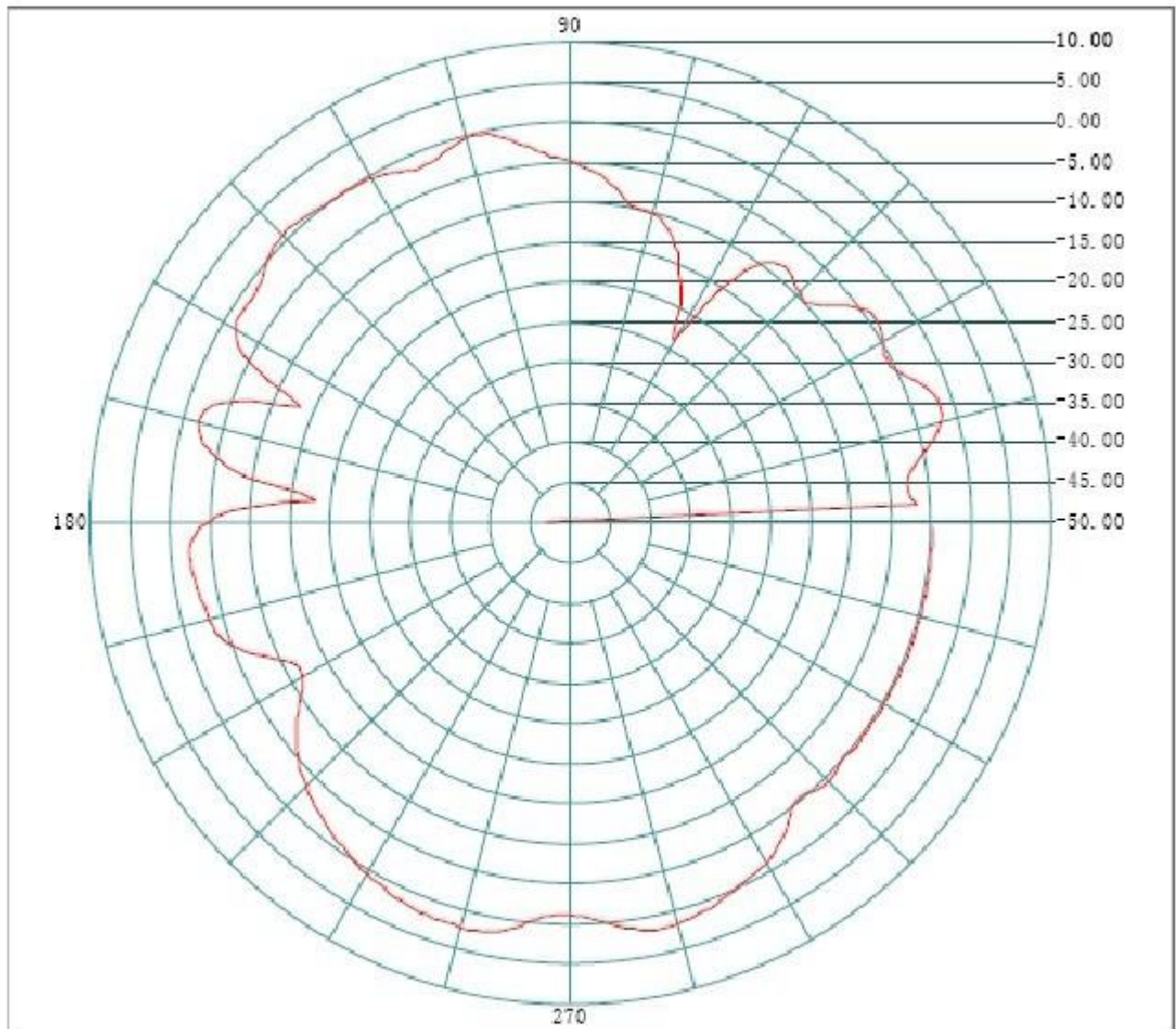
Maximum Value(dBi): **-5.14**

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

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

3. Main antenna : 2500MHz

3.1 Horizontal



Frequency(MHZ): **2441**

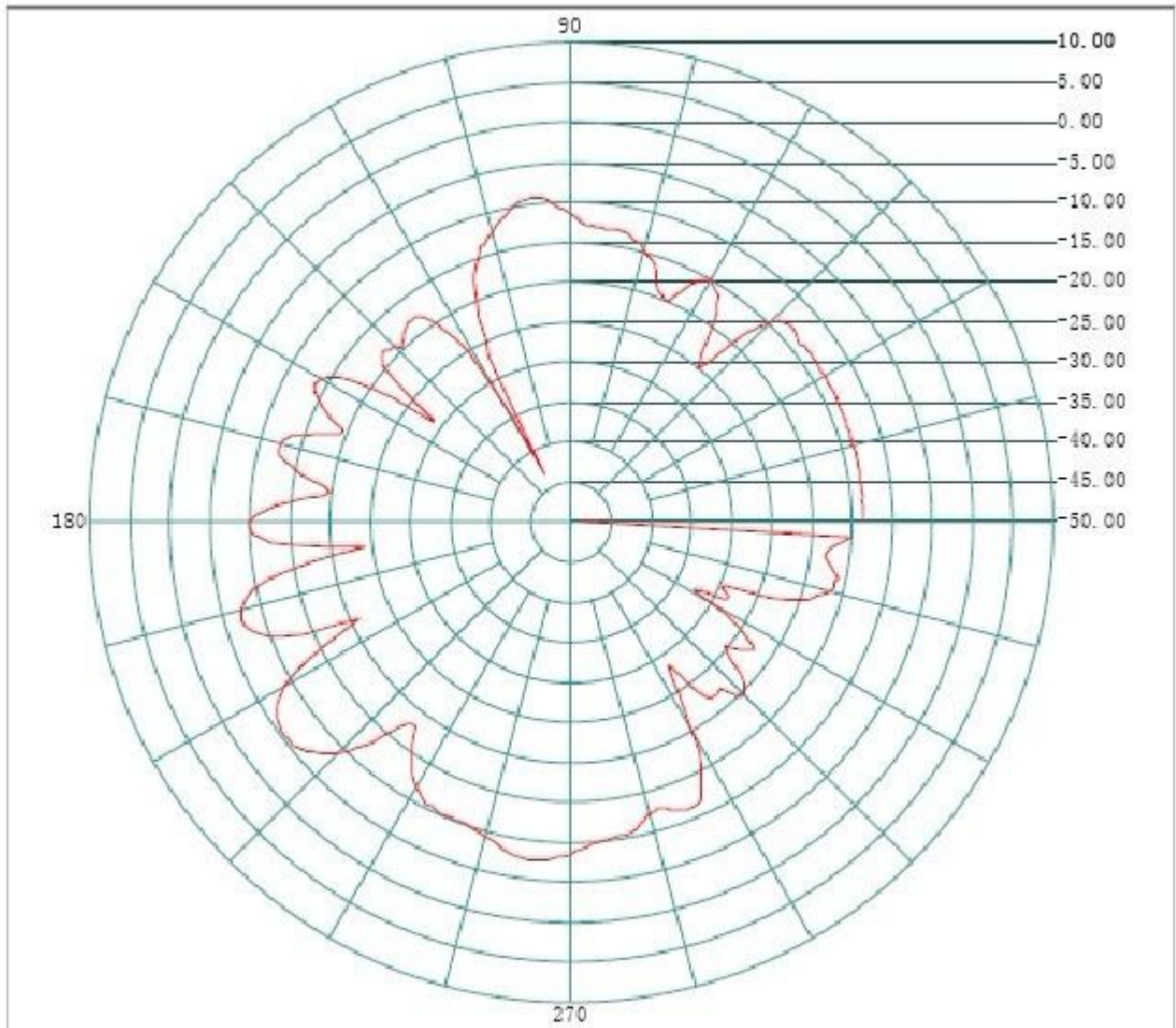
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **0.26**

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

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

3.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

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

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

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