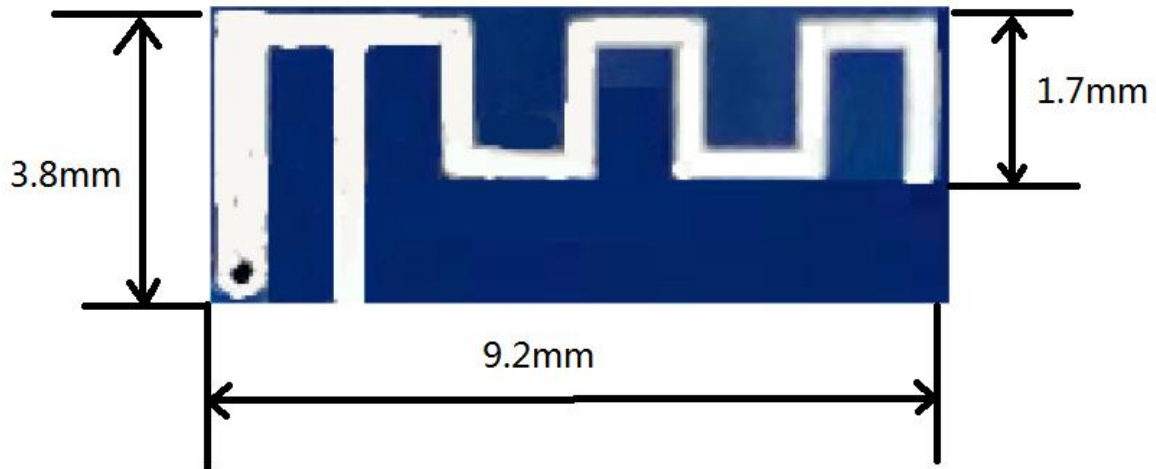


# Antenna Specification

## Specifications Summary

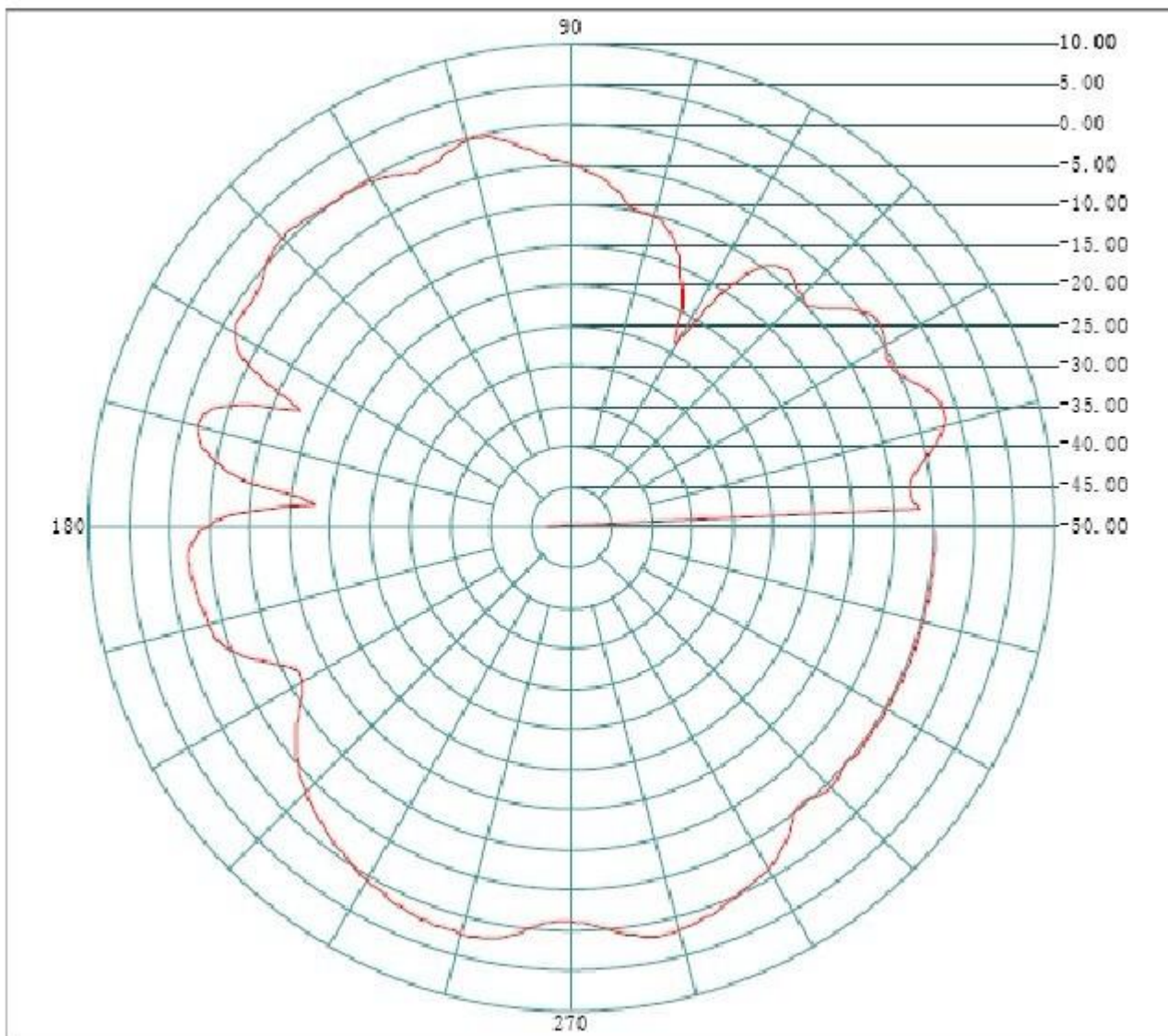
ITEM	SPEC.
Model Name	PCB Antenna
Frequency	2400-2500 MHz
MAX. GAIN	-0.58 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 $\Omega$



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
Manufacturer	Shenzhen Wushuang Electronic Technology Co., Ltd.
Address	No. 202, New No. 6, Lezhujiao East, Huangmabu Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China

# 1. Main antenna : 2400MHz

## 1.1 Horizontal



Frequency(MHZ): **2441**

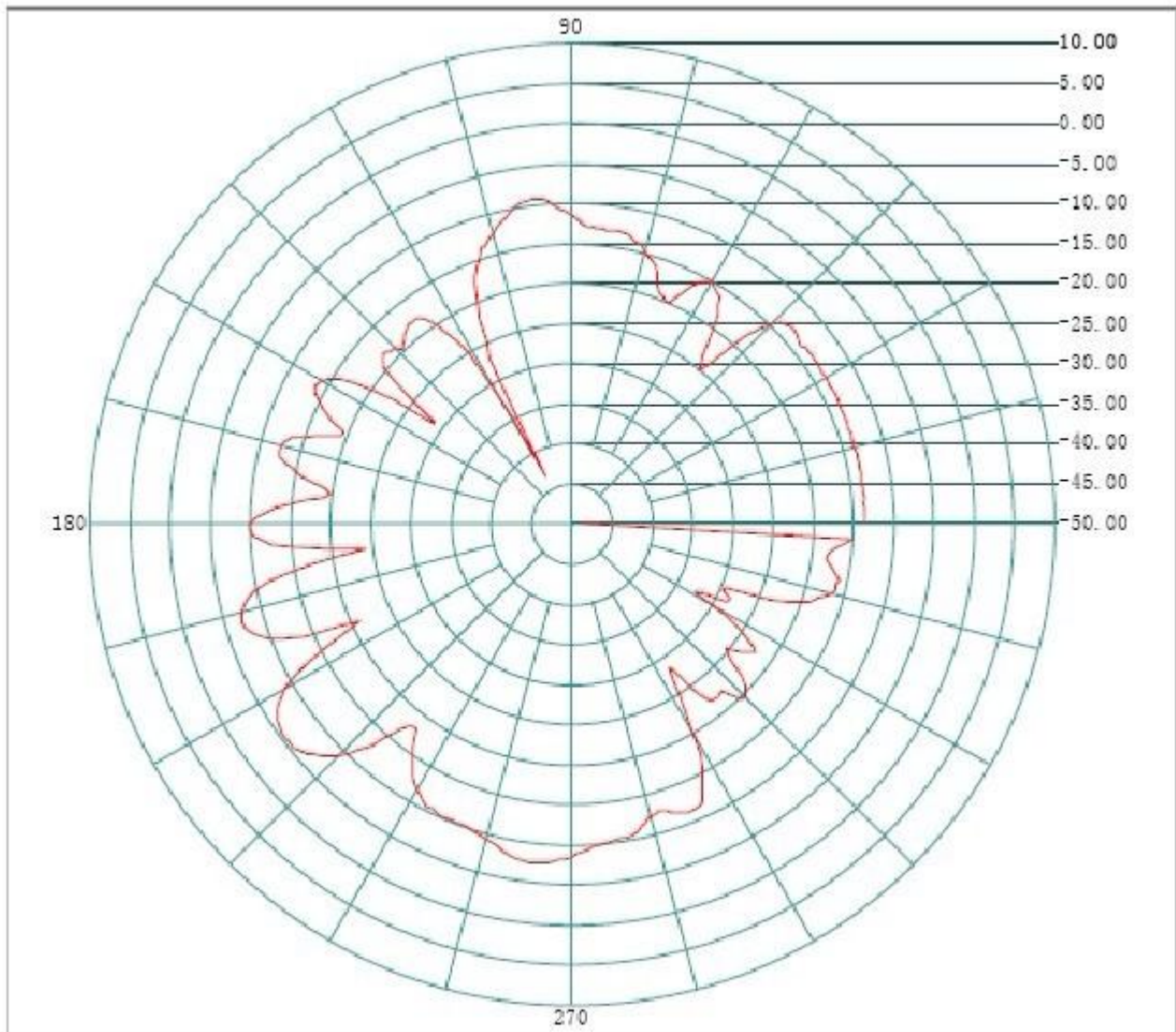
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-0.58**

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

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

## 1.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

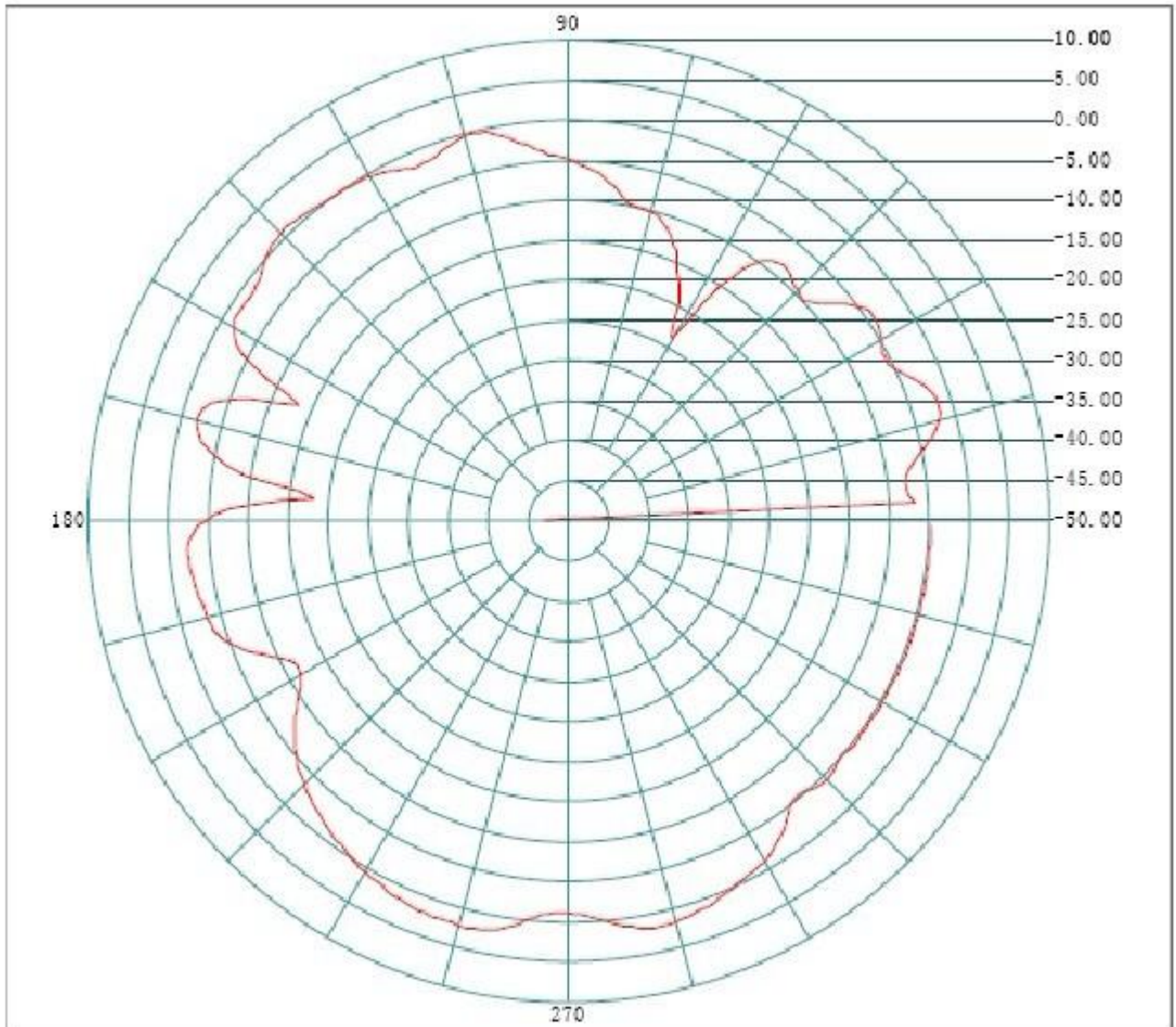
Maximum Value(dBi): **-4.01**

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

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

## 2. Main antenna : 2450MHz

### 2.1 Horizontal



Frequency(MHZ): **2441**

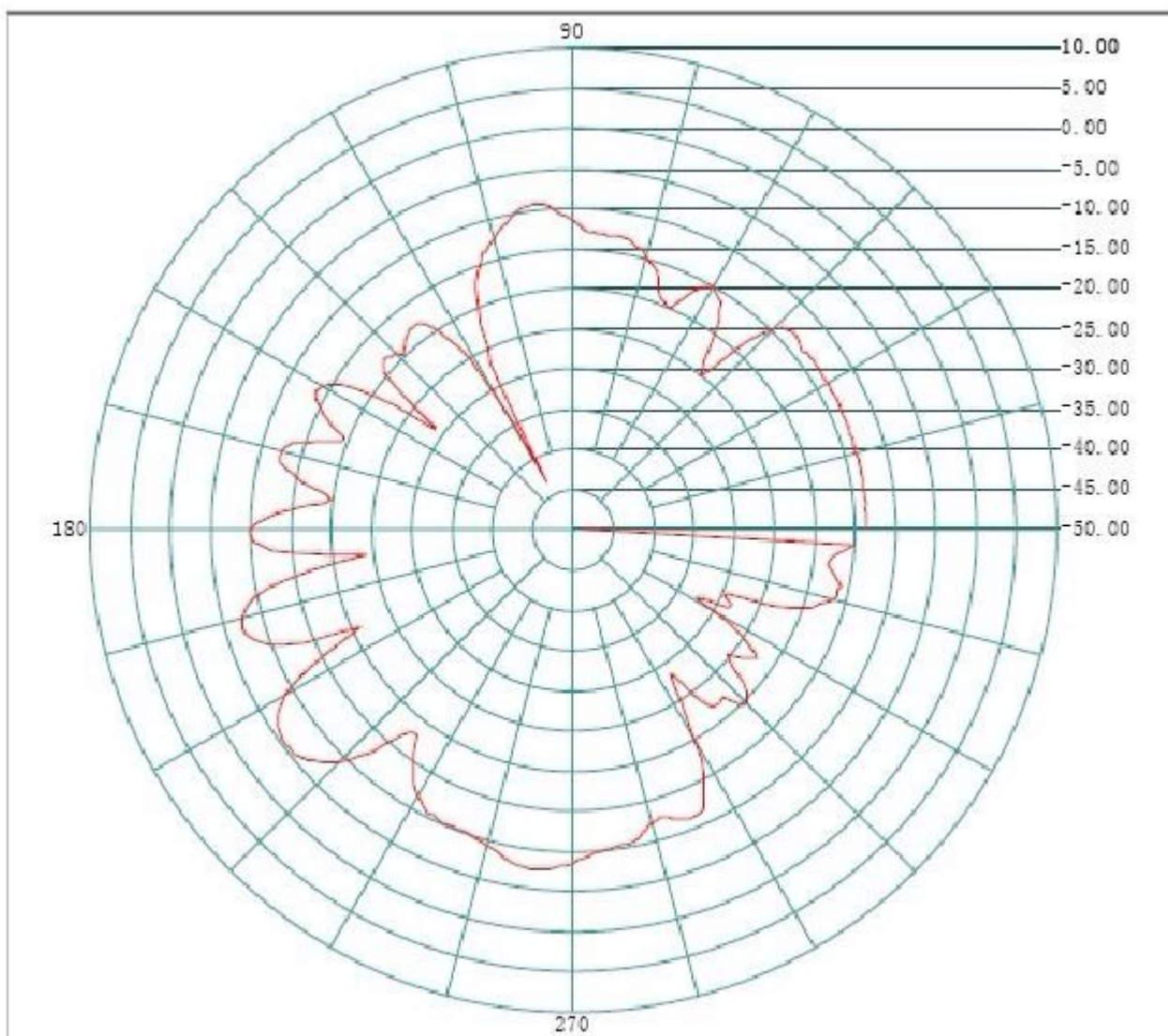
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-1.19**

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

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

## 2.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

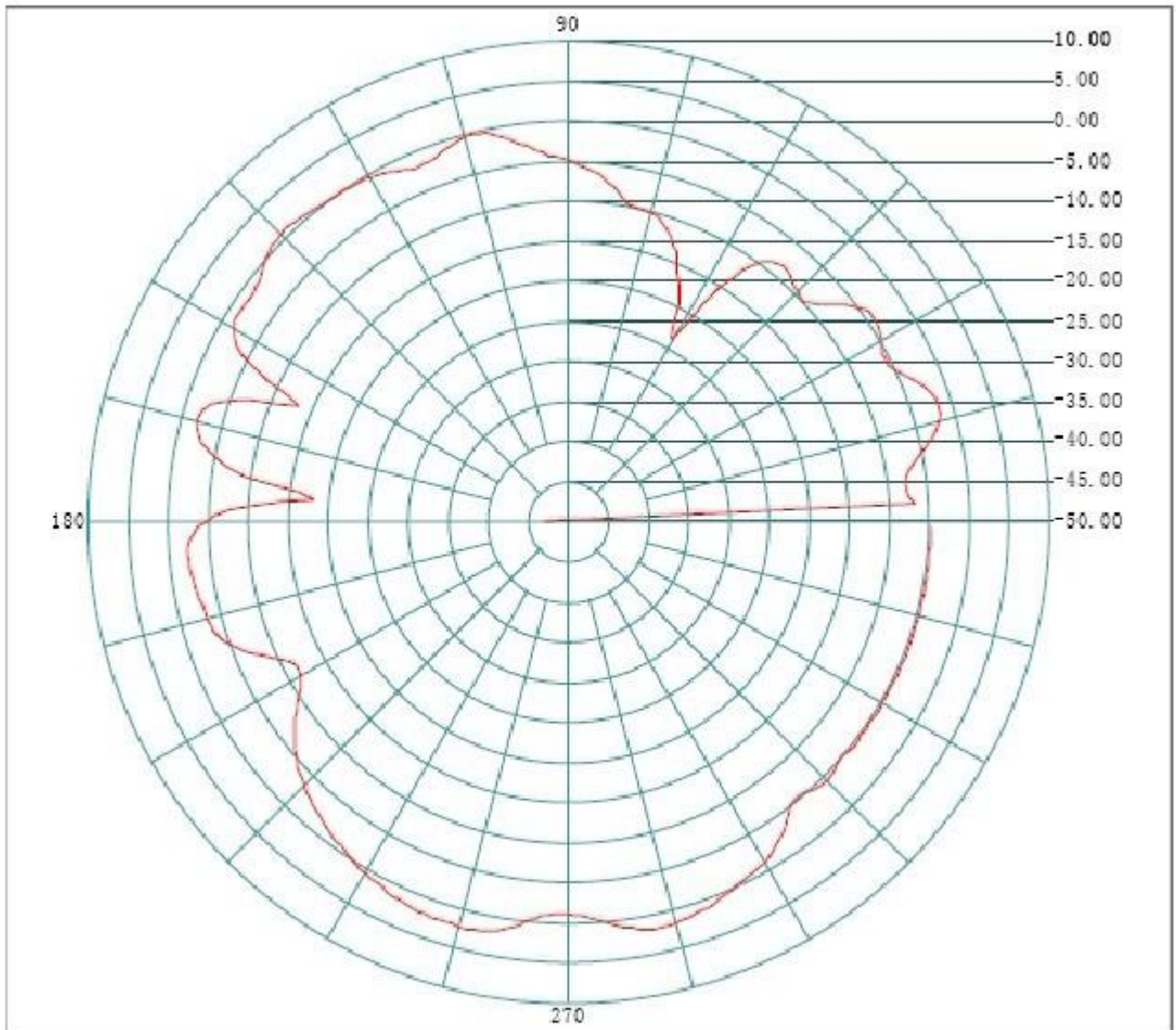
Maximum Value(dBi): **-5.14**

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

Minimum Gain(dBi): -46.8

### 3. Main antenna : 2500MHz

#### 3.1 Horizontal



Frequency(MHZ): 2441

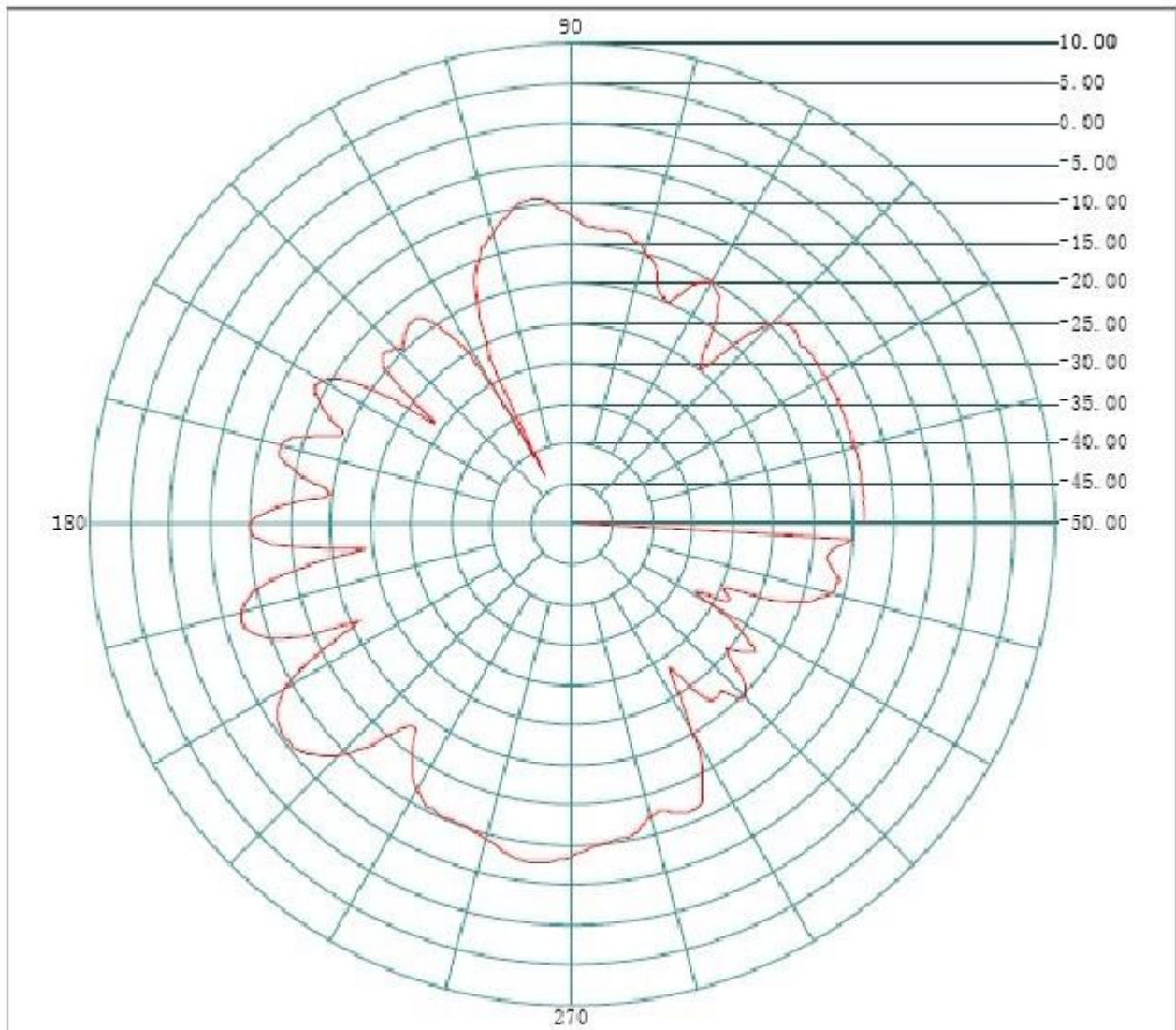
Antenna Polarity: Horizontal

Maximum Value(dBi): -1.26

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**