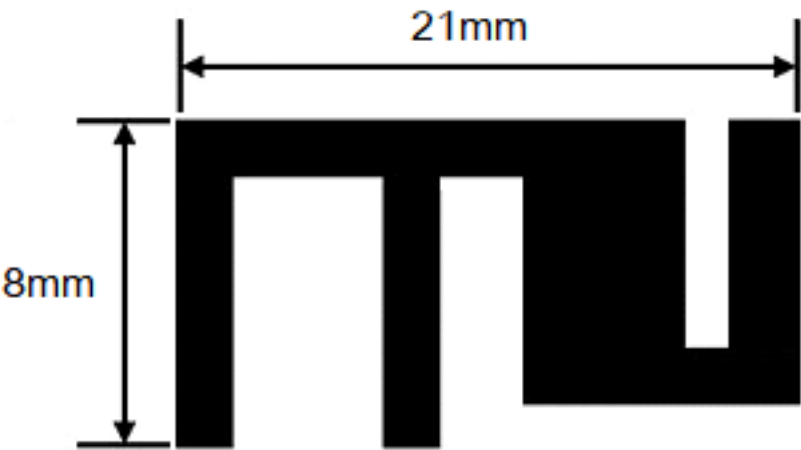


Antenna Specification

Specifications Summary

ITEM	SPEC.
Antenna Type	PCB Antenna
MAX. GAIN	0 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω
Antenna Length	21mm
Model Name	2.4G ANT

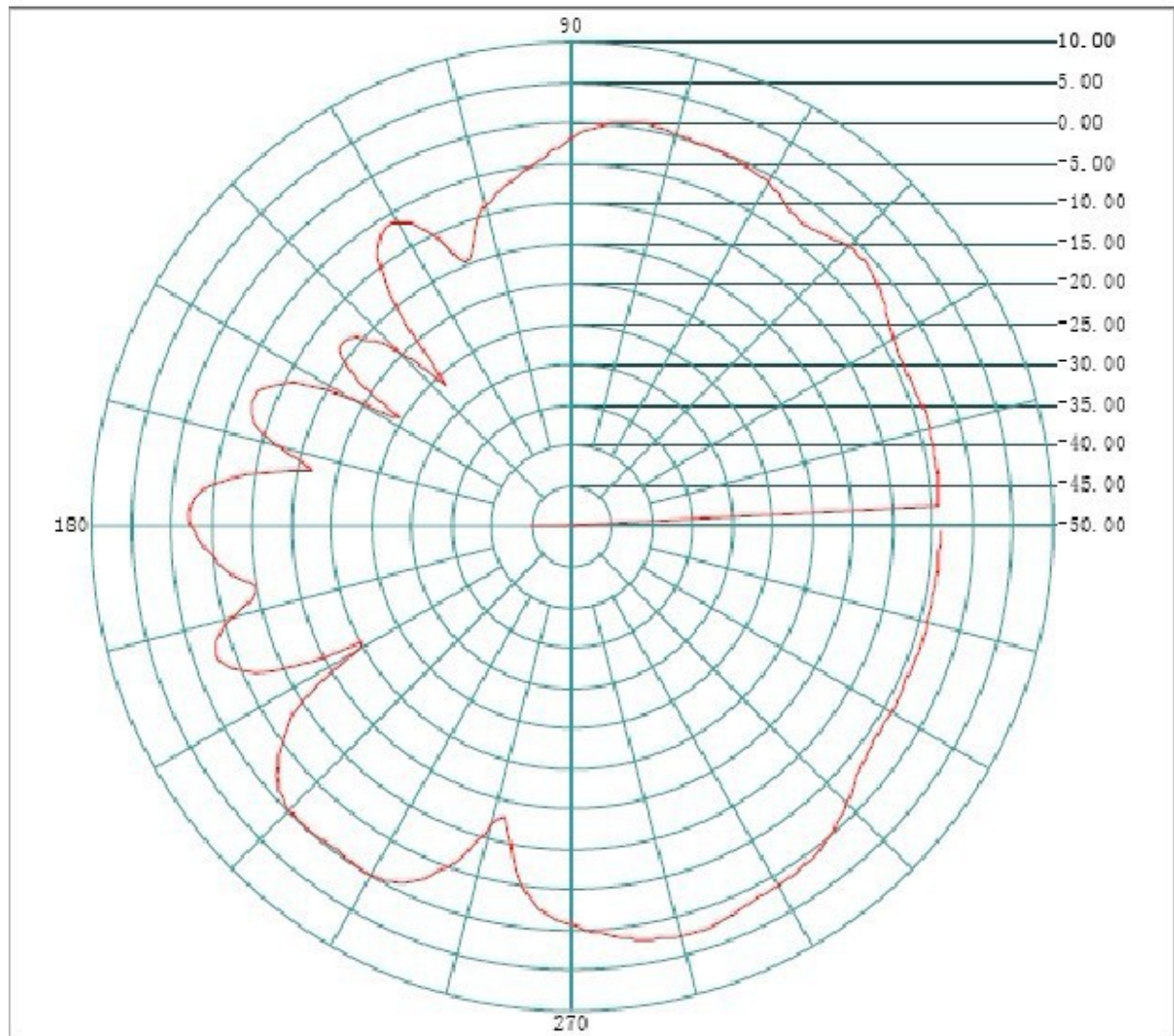
Antenna Photo & Length (mm)



Manufacture: DONGGUAN HUIHANG ELECTRONIC TECHNOLOGY CO., LTD
Manufacture Address: No.6 Industrial Zone, South Sixth Street, HeShi Road, QiaoTou
Town, Dongguan City, Guangdong Province, China

1. Main antenna : 2402 MHz

1.1 Horizontal



Frequency(MHZ): **2402**

Antenna Polarity: **Horizontal**

Maximum Value(dBi): **0**

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

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

1.2 Vertical



Frequency(MHZ): **2402**

Antenna Polarity: **Vertical**

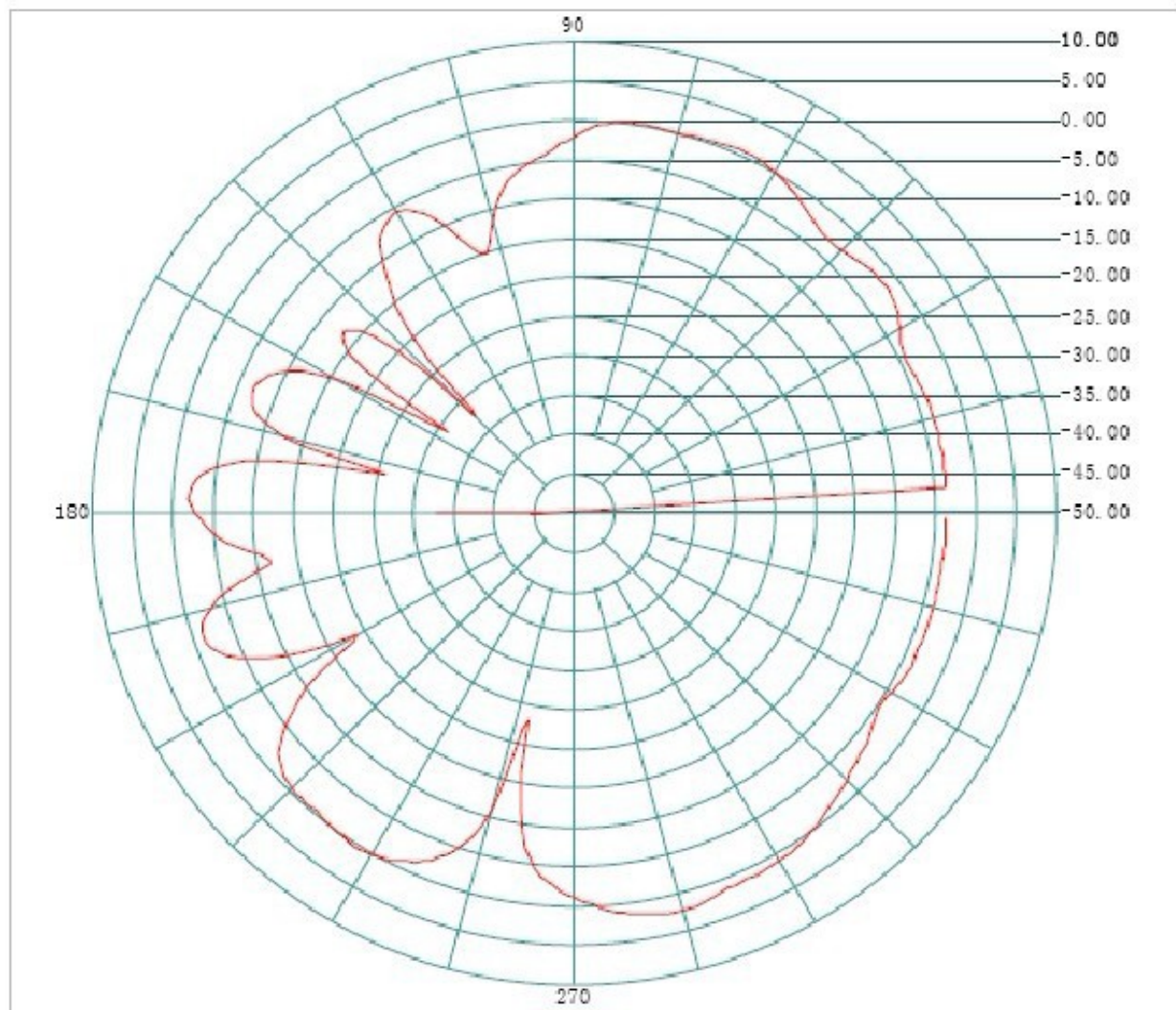
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2441 MHz

2.1 Horizontal



Frequency(MHZ): **2441**

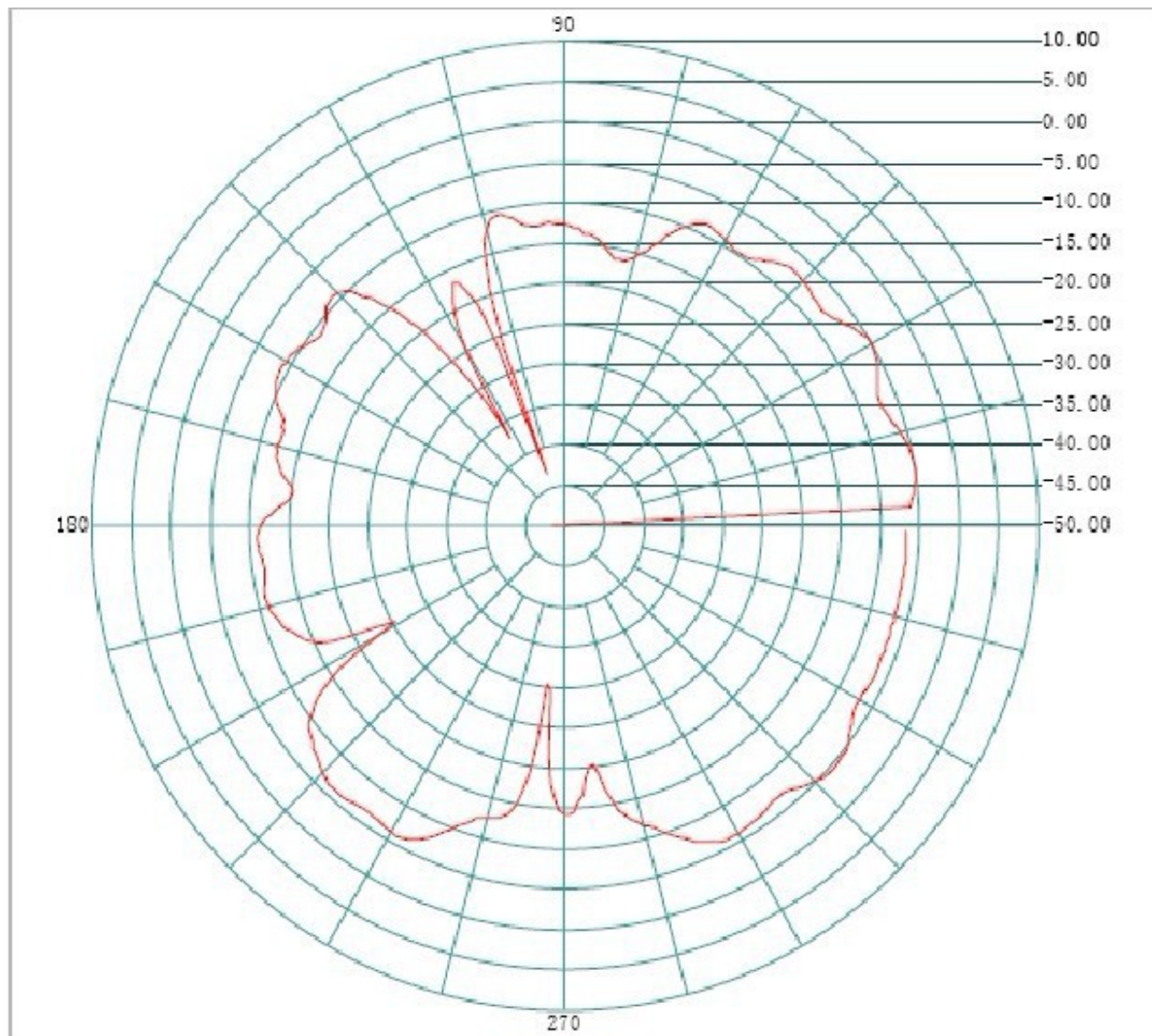
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-1.23**

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

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

2.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

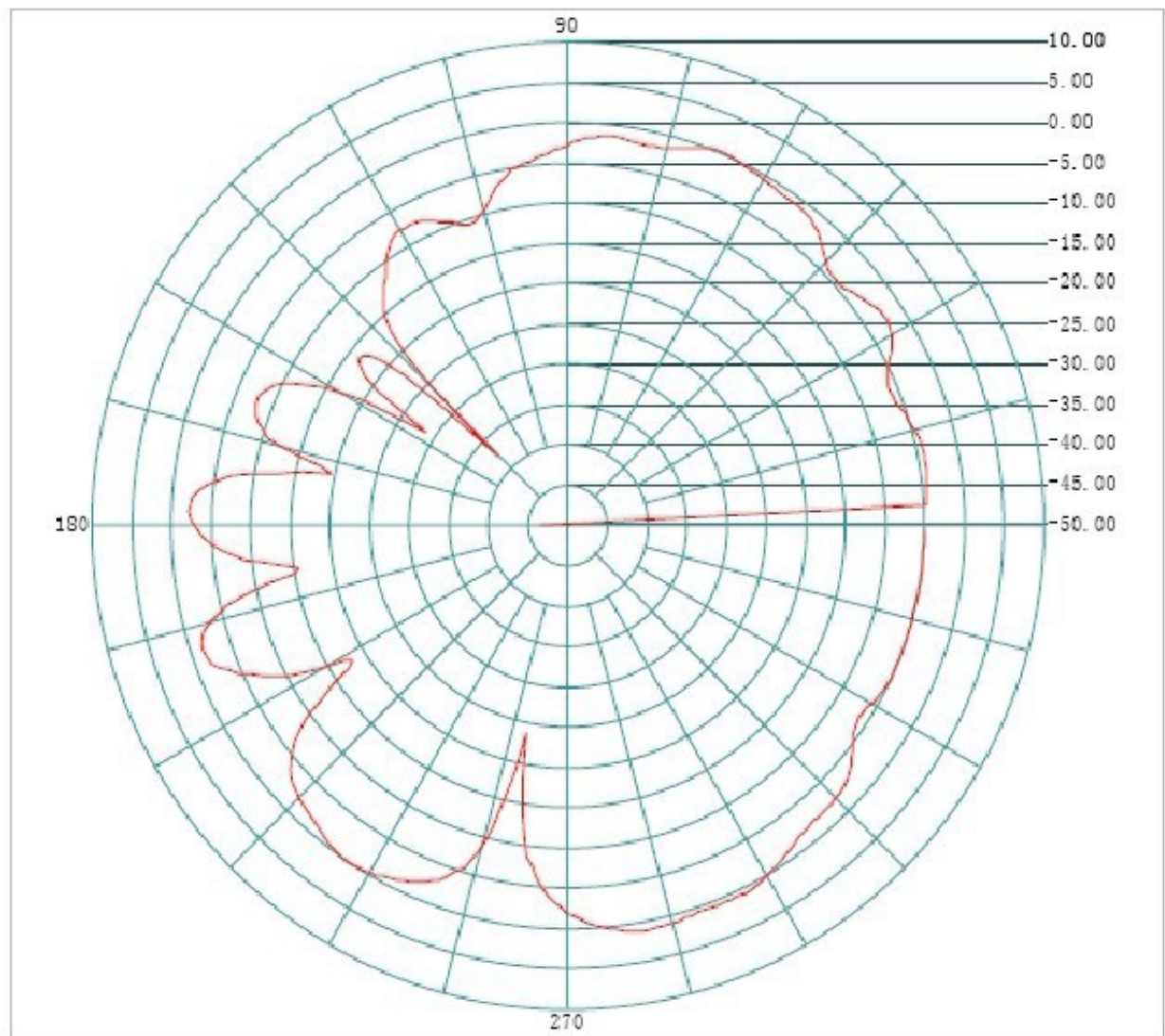
Maximum Value(dBi): **-4.29**

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

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

2. Main antenna : 2480 MHz

2.1 Horizontal



Frequency(MHZ): **2480**

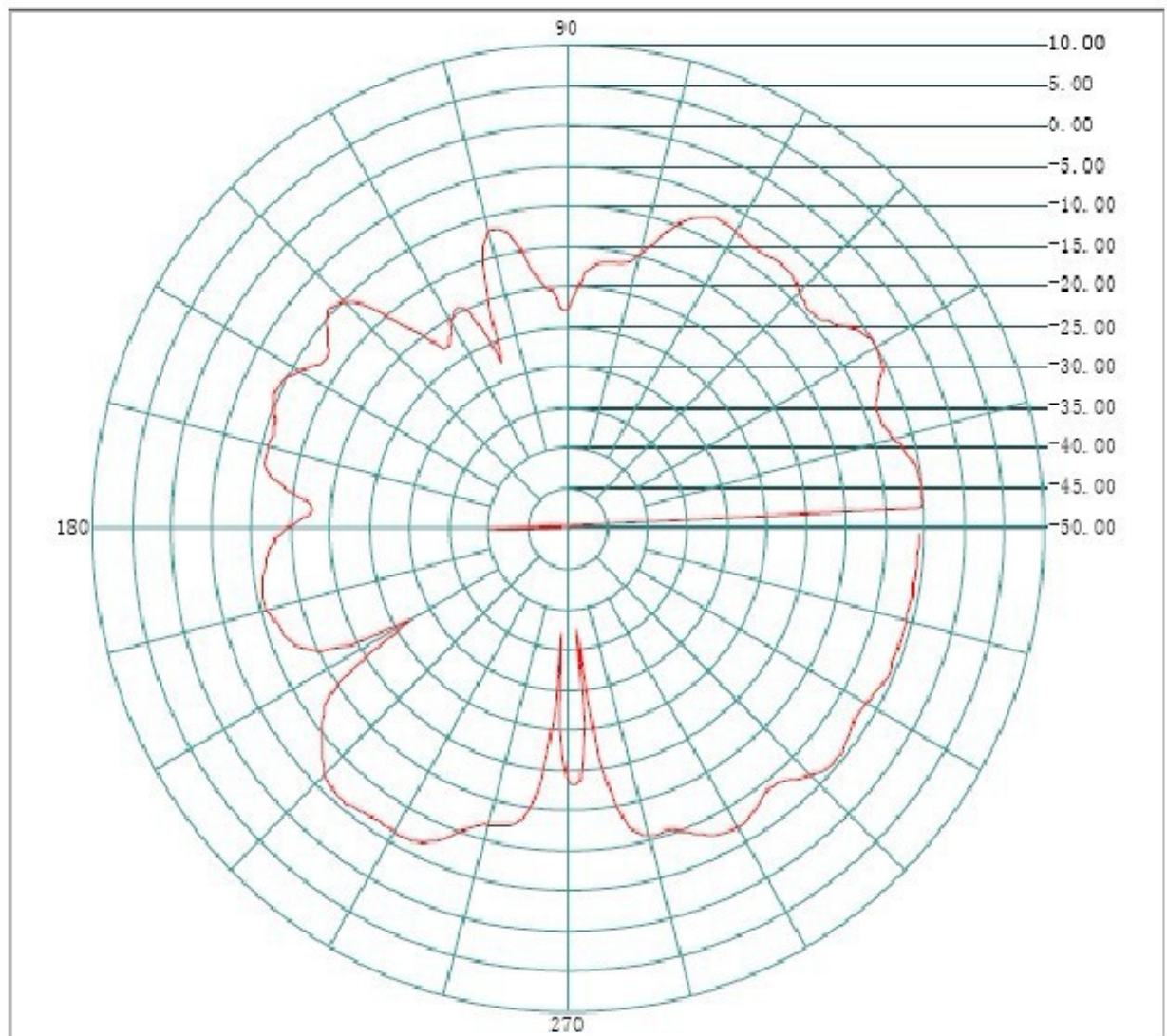
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-1.45**

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

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**