

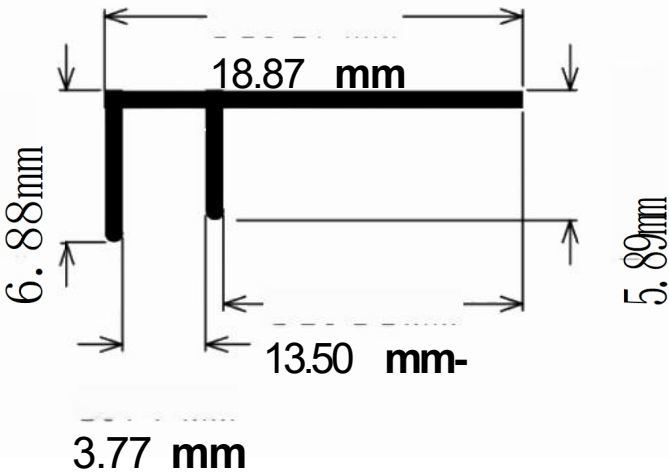
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Antenna Type	Type_2_single wigggle Antenna	
Center Frequency	2402 MHz	2.34 dBi
	2440 MHz	2.07dBi
	2480 MHz	1.45 dBi
MAX. GAIN	2.34 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	18.87cm	
Antenna Type	PCB antenna	

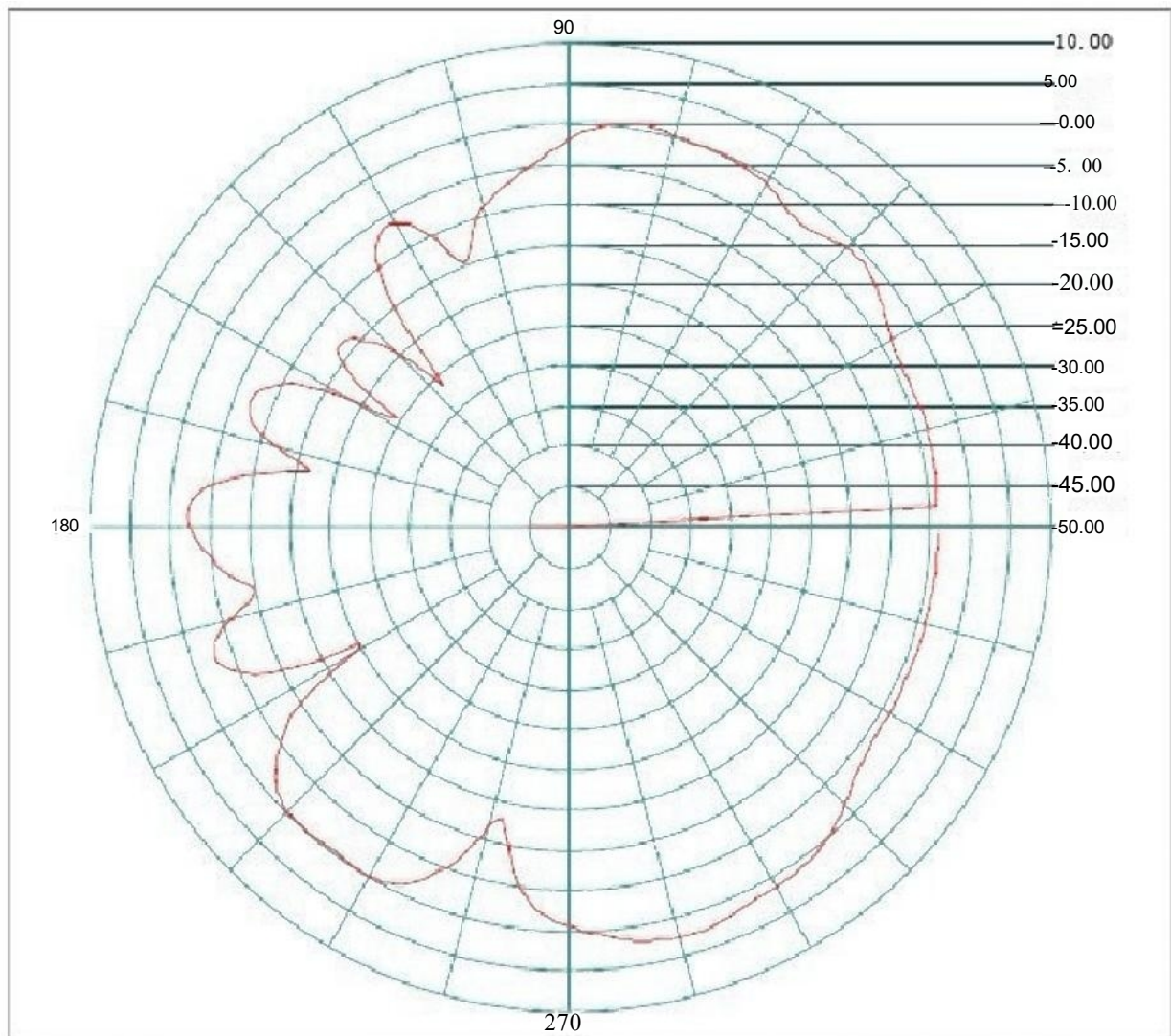
Antenna Photo &Length (mm)



Manufacturer	Shenzhen Ajazz Tongchuang Electronic Technology Co., Ltd.
Address	2104-1, Block A, CIMC Low Orbit Satellite Internet of Things Industrial Park, Dongkeng Community, Fenghuang Street, Guangming District, Shenzhen, China
Test Date	2009-04-14
Test Instrument	vector network analyzer-R&S ZVB20

1.Main antenna:2402 MHz

1.1 Horizontal



Frequency(MHZ): 2402

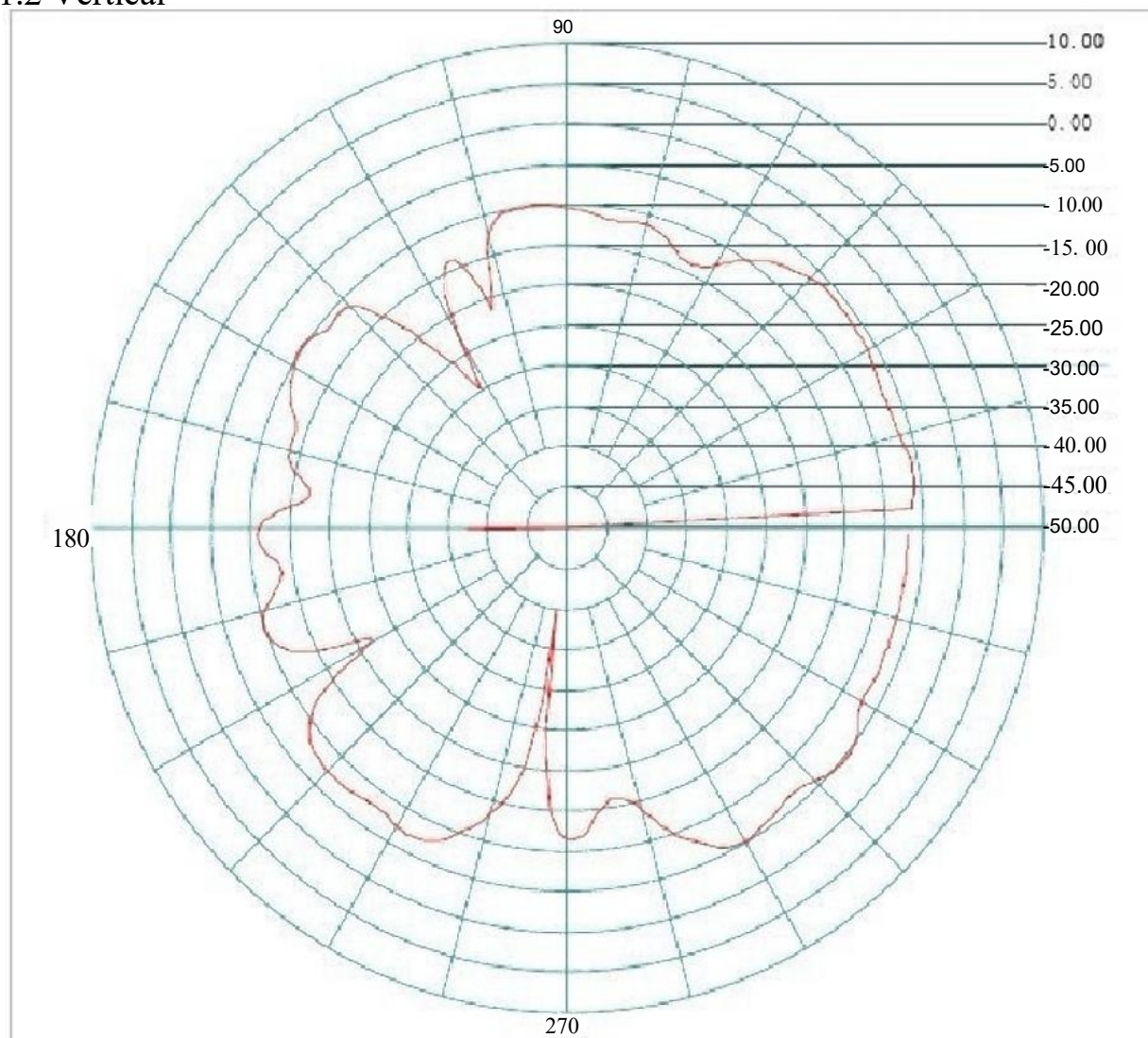
Antenna Polarity: Horizontal

Maximum Value(dBi): 2.34

Average Gain(dBi): -2.48

Minimum Gain(dBi): -55.18

1.2 Vertical



Frequency(MHZ): 2402

Antenna Polarity: Vertical

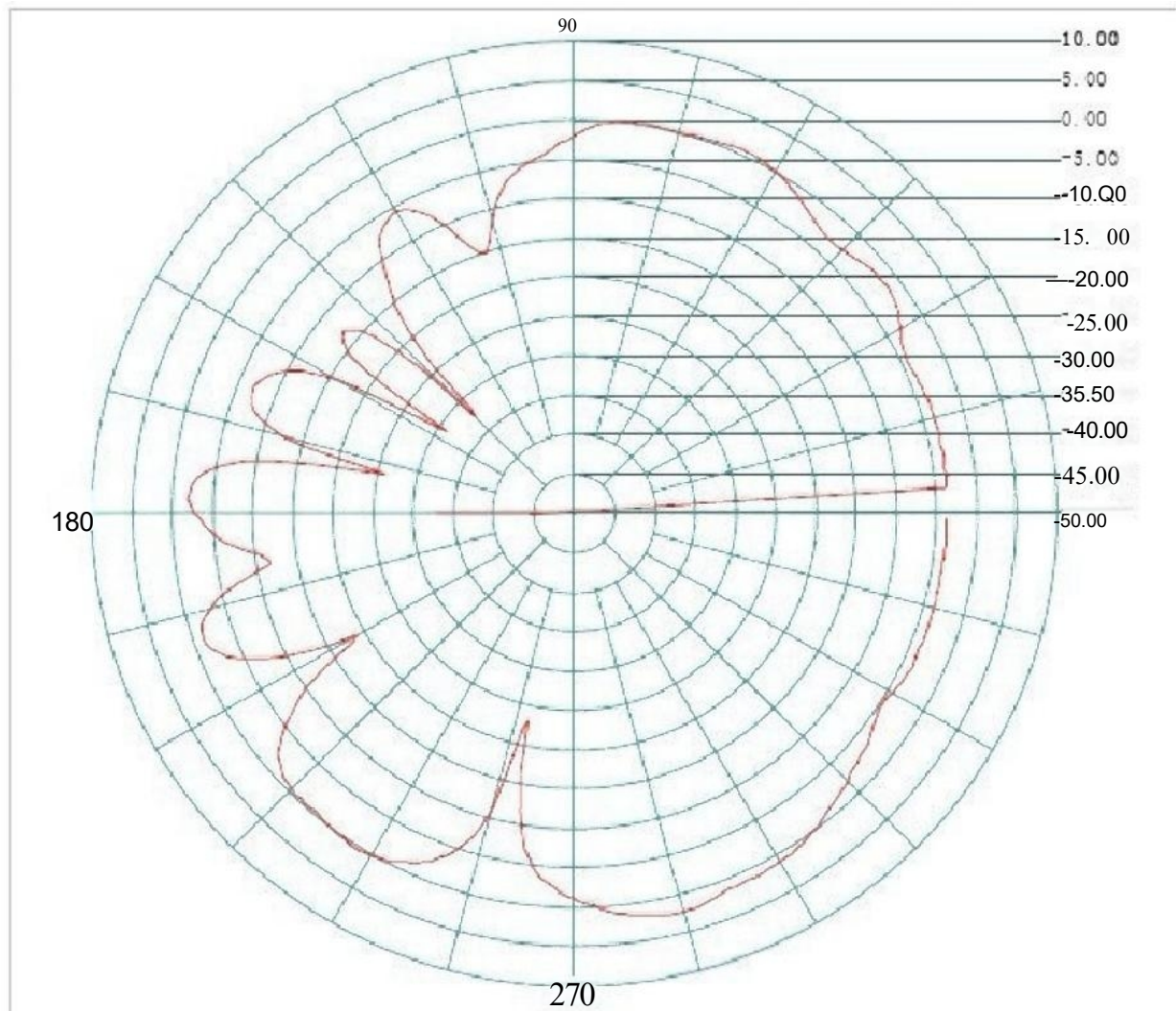
Maximum Value(dBi): -4.51

Average Gain(dBi): -8.98

Minimum Gain(dBi): -62.3

2.Main antenna:2440 MHz

2.1 Horizontal



Frequency(MHZ): **2440**

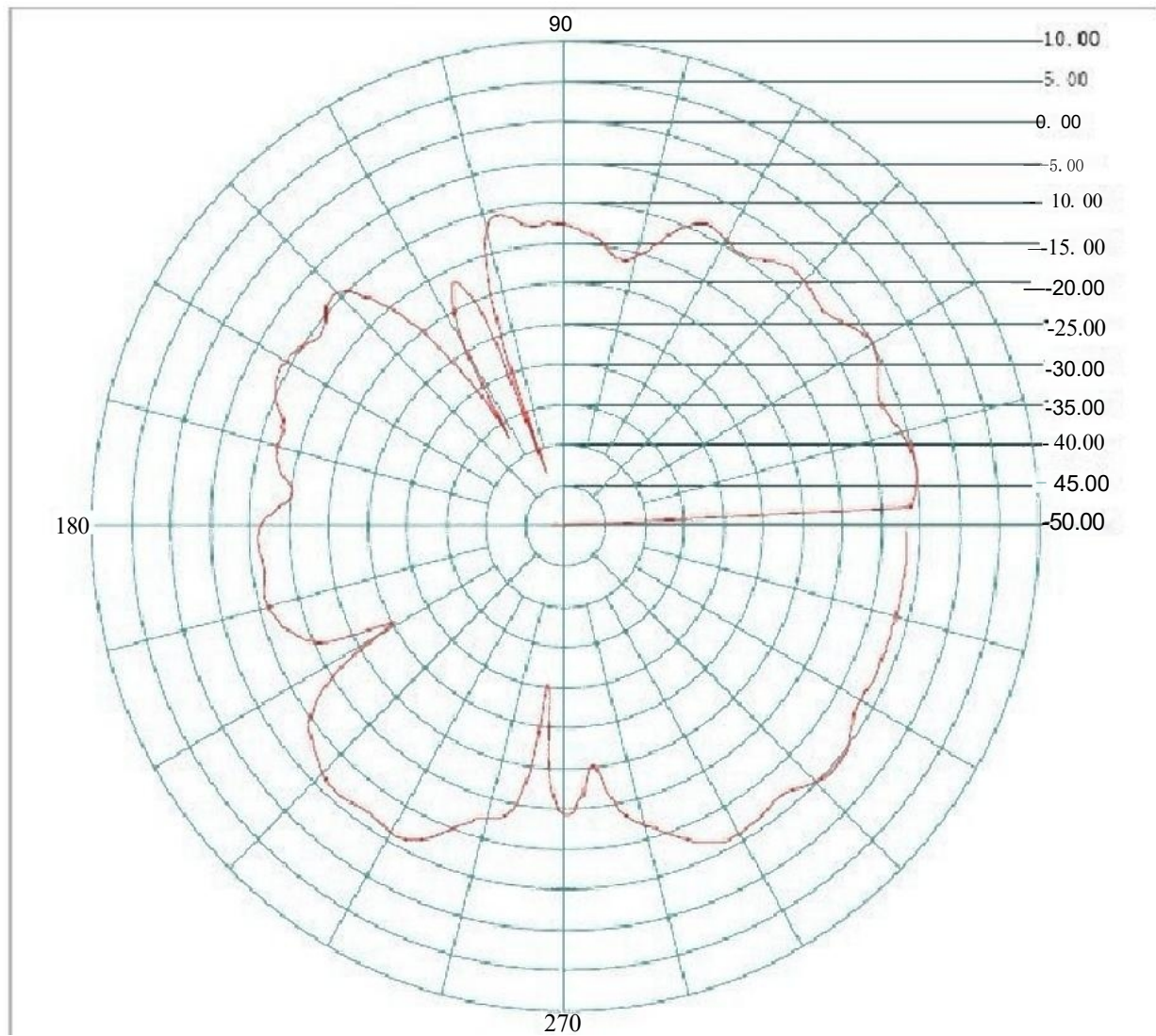
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **2.07**

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

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

2.2 Vertical



Frequency(MHZ): 2440

Antenna Polarity: Vertical

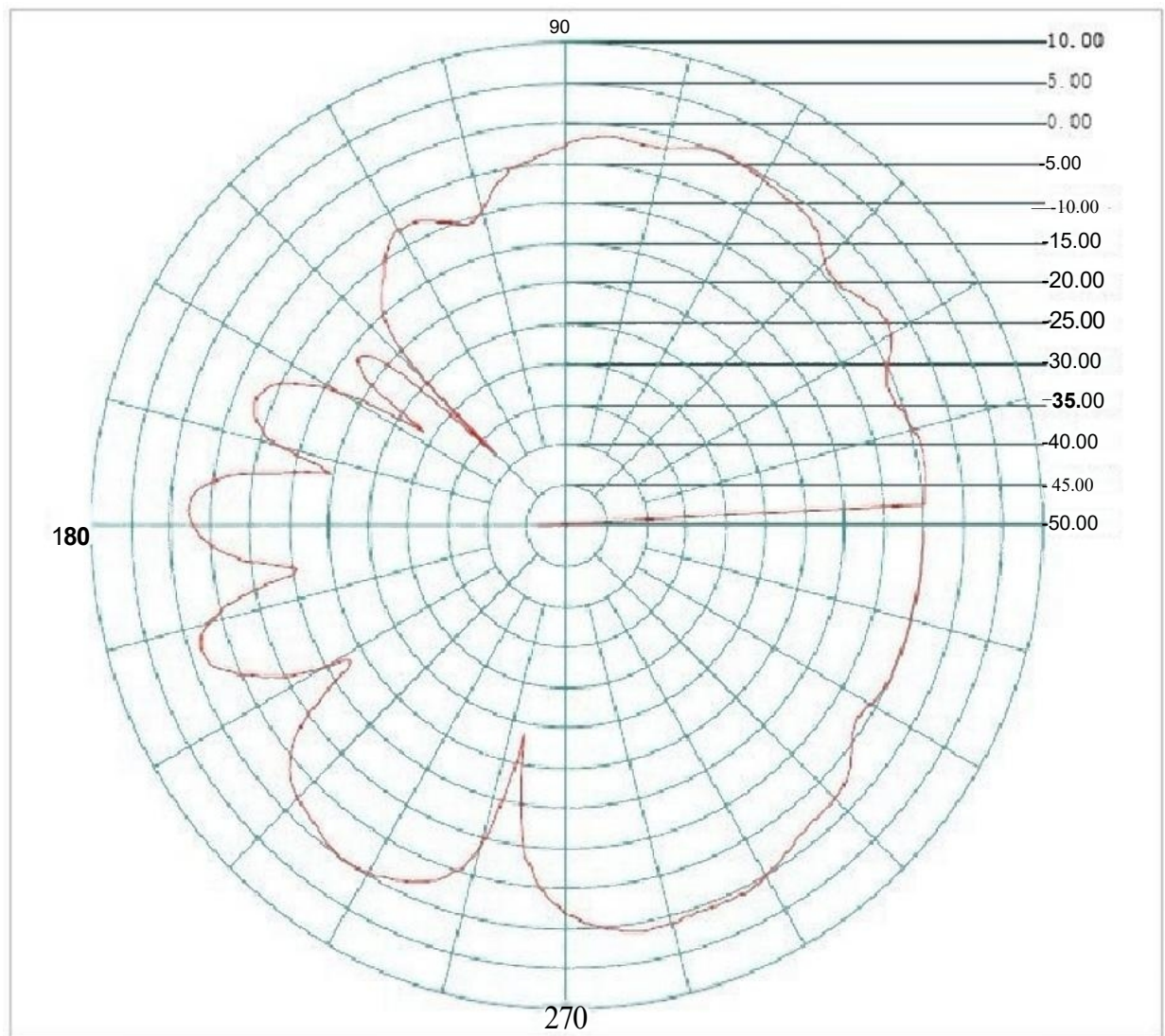
Maximum Value(dBi): -4.29

Average Gain(dBi): -8.81

Minimum Gain(dBi): -51.4

2.Main antenna:2480 MHz

2.1 Horizontal



Frequency(MHZ): 2480

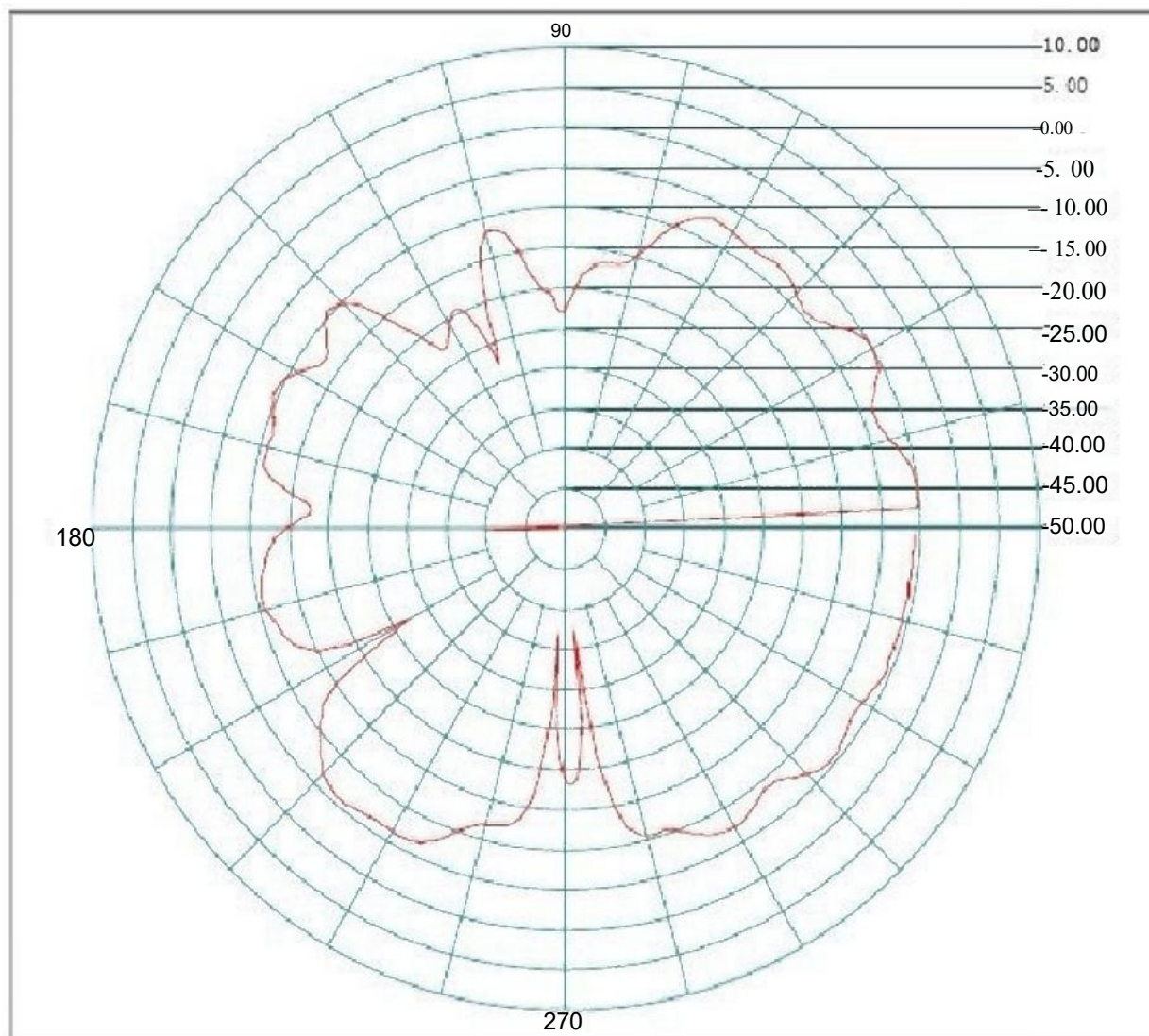
Antenna Polarity: Horizontal

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