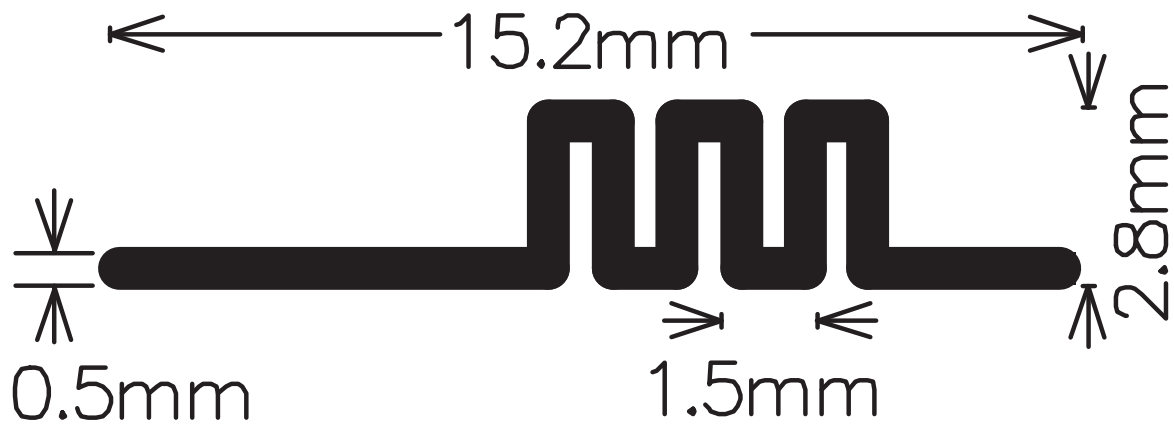


Antenna Specification

Specifications Summary

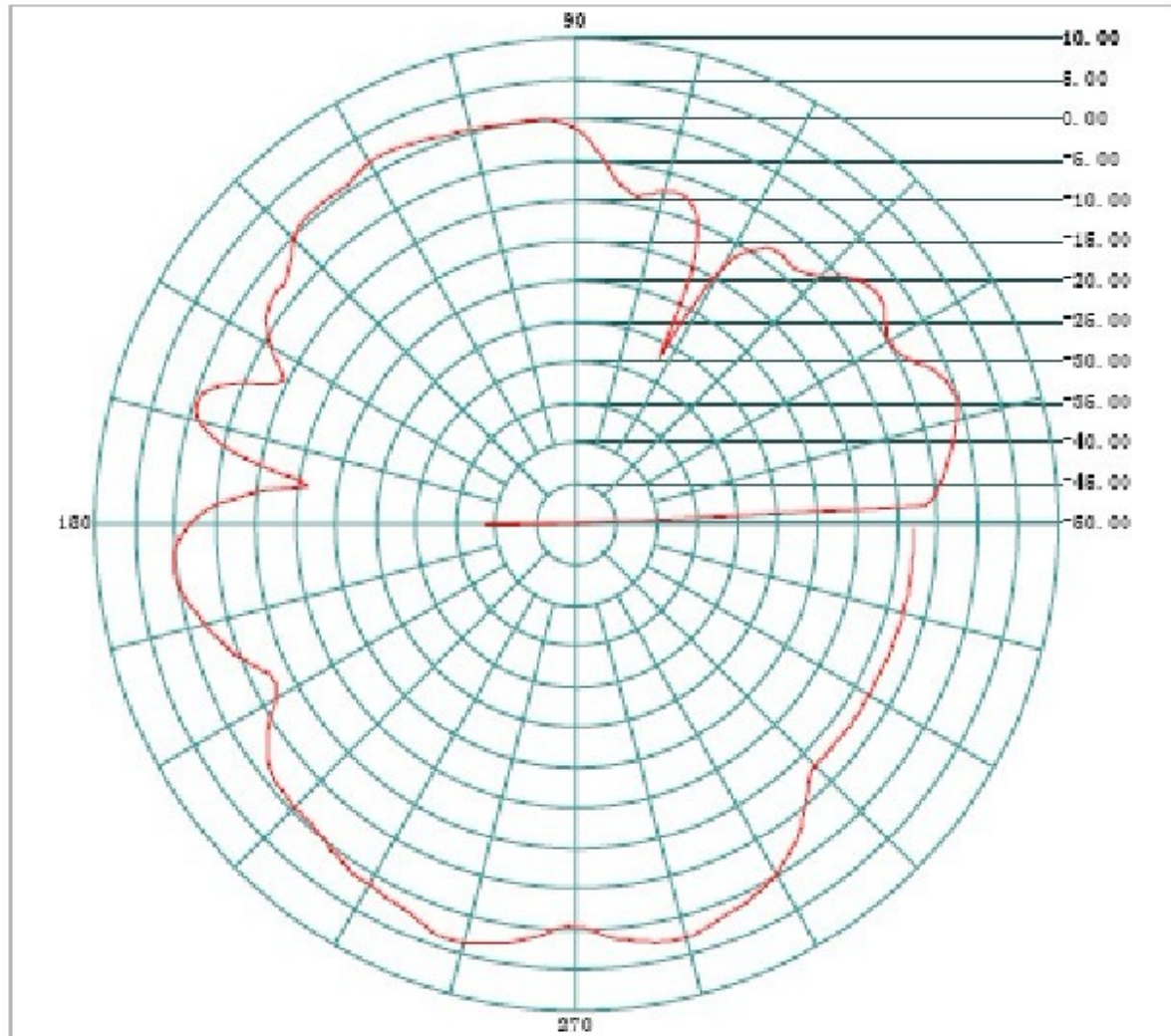
ITEM	SPEC.	
Antenna type	PCB Antenna	
Center Frequency	2403 MHz	1.8 dBi
	2441 MHz	1.59 dBi
	2480 MHz	1.43 dBi
MAX. GAIN	1.8 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	3.1 cm	

Antenna Photo & Length (mm)



1. Main antenna : 2403 MHz

1.1 Horizontal



Frequency(MHZ): **2403**

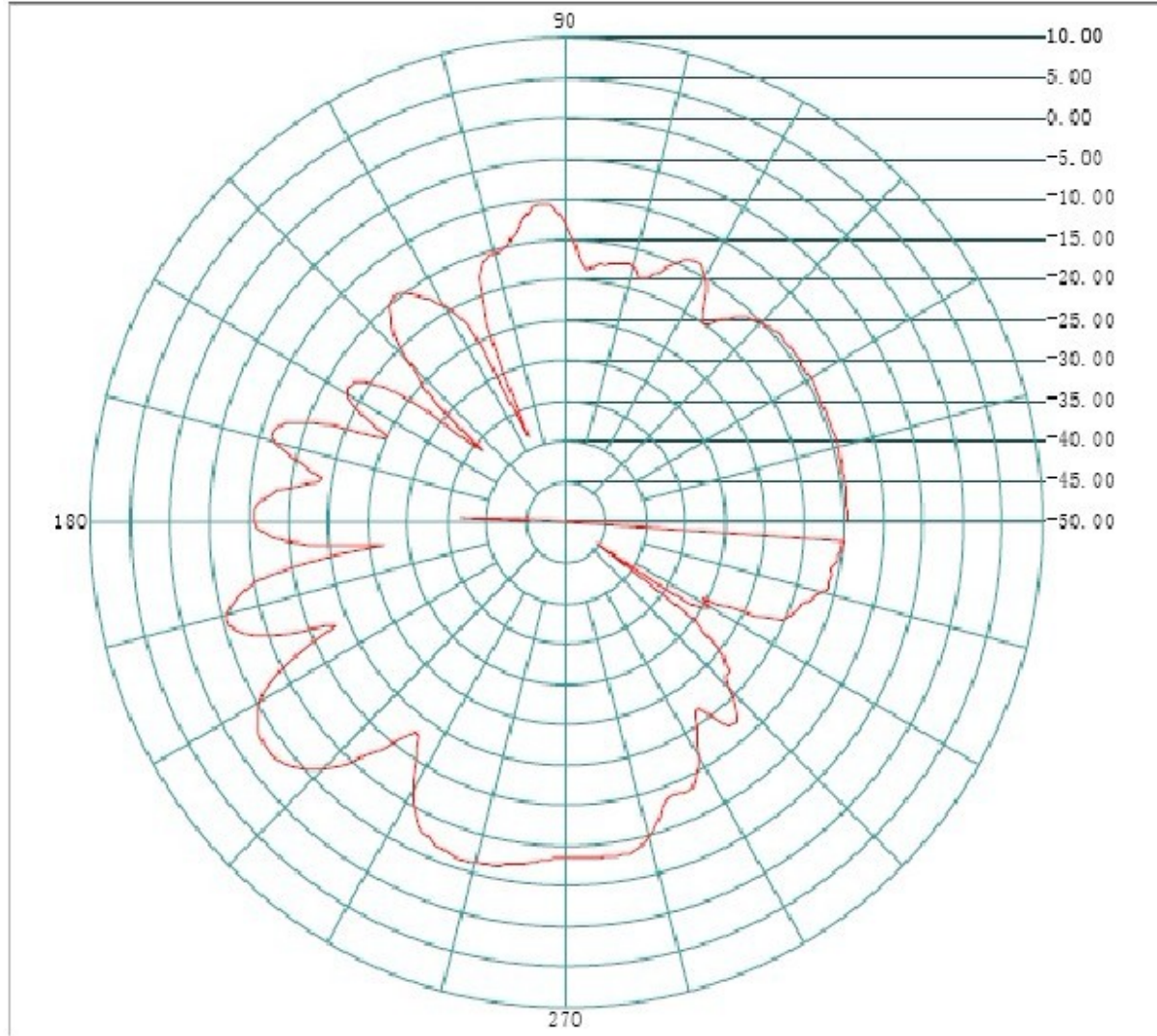
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.8**

Average Gain(dBi) : **-1.42**

Minimum Gain(dBi): **-61.26**

1.2 Vertical



Frequency(MHZ): **2403**

Antenna Polarity: **Vertical**

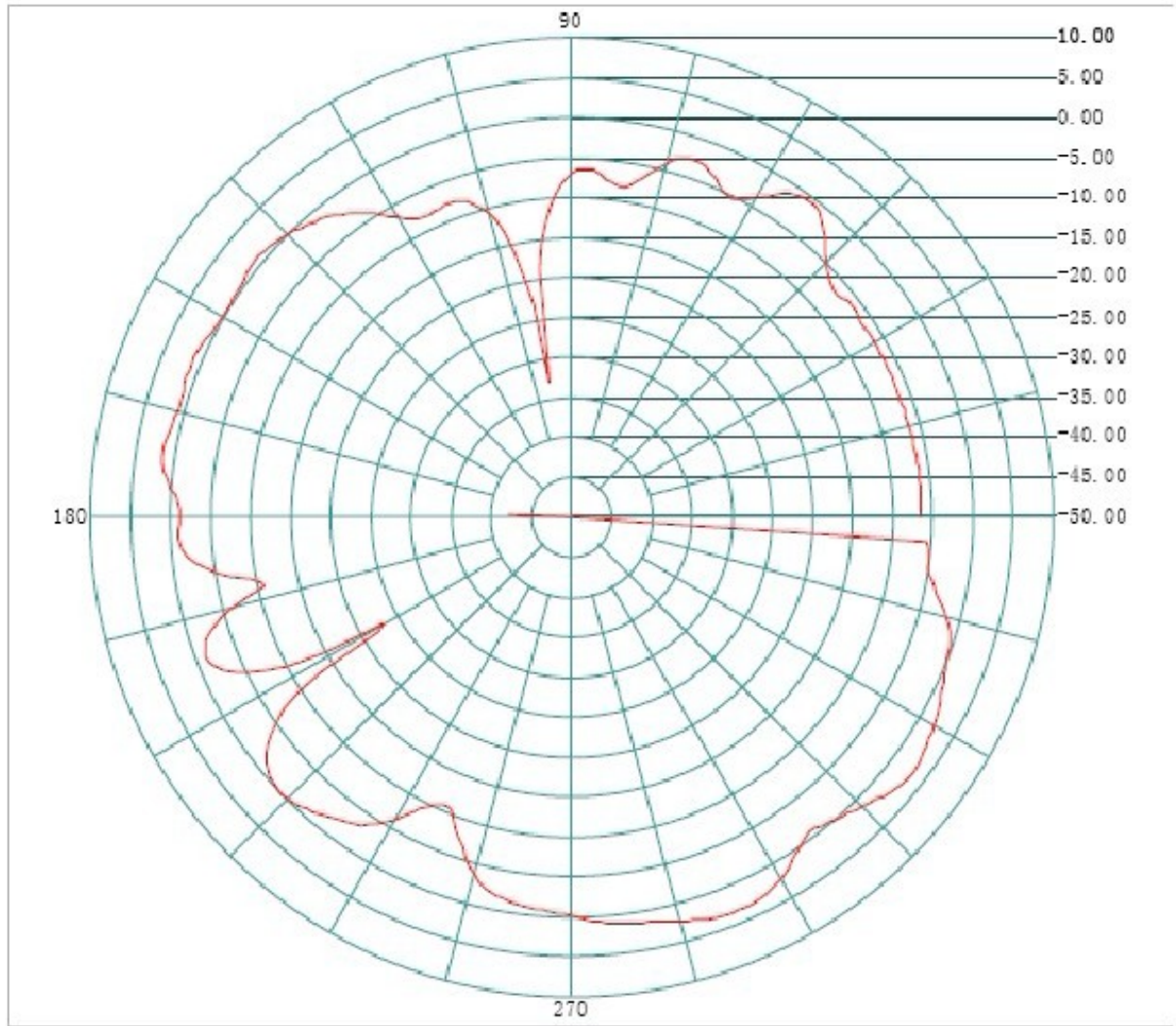
Maximum Value(dBi): **-2.99**

Average Gain(dBi) : **-11.5**

Minimum Gain(dBi): **-63.1**

2. Main antenna : 2441 MHz

2.1 Horizontal



Frequency(MHZ): **2441**

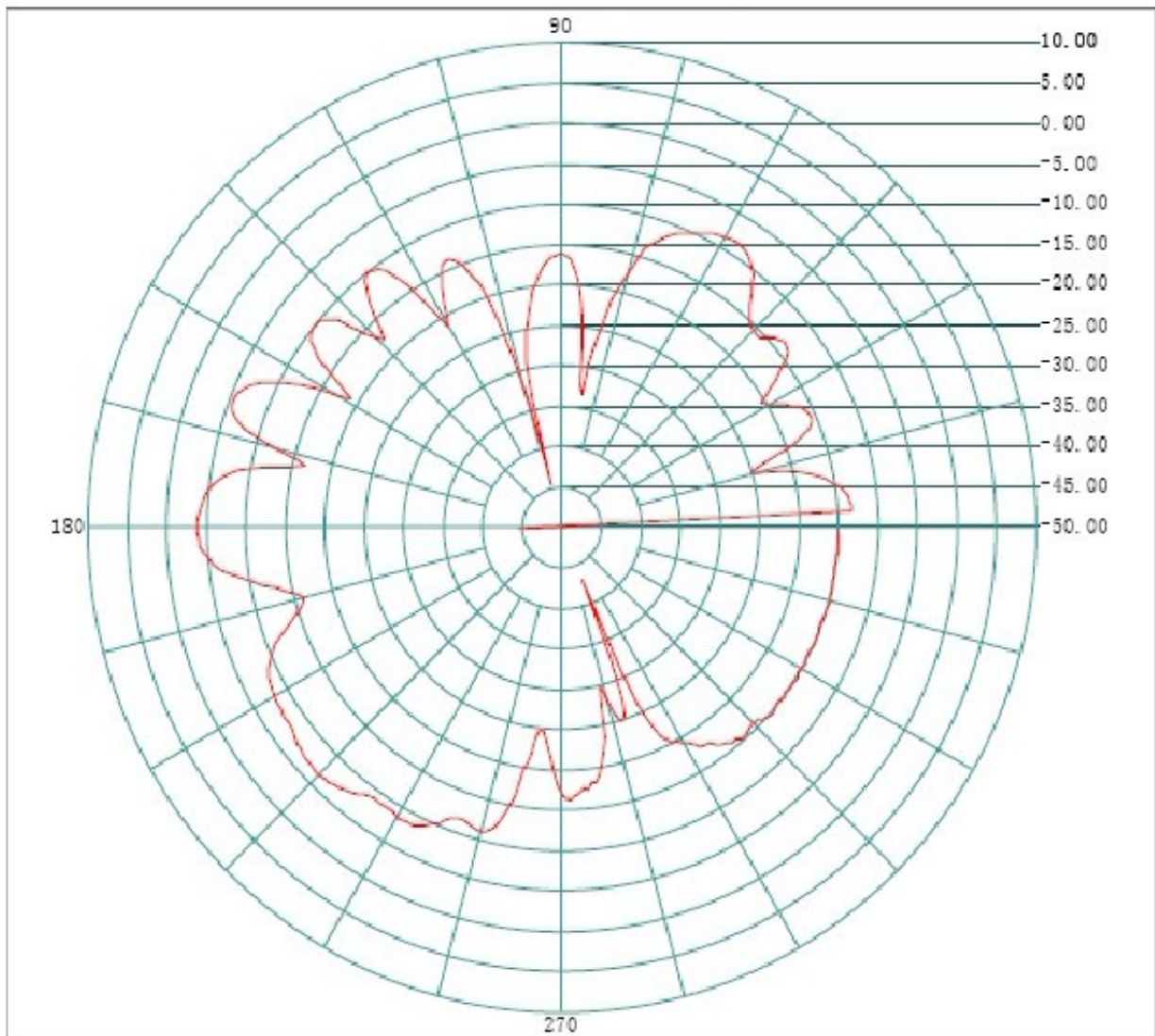
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.59**

Average Gain(dBi) : **-1.41**

Minimum Gain(dBi): **-57.8**

2.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

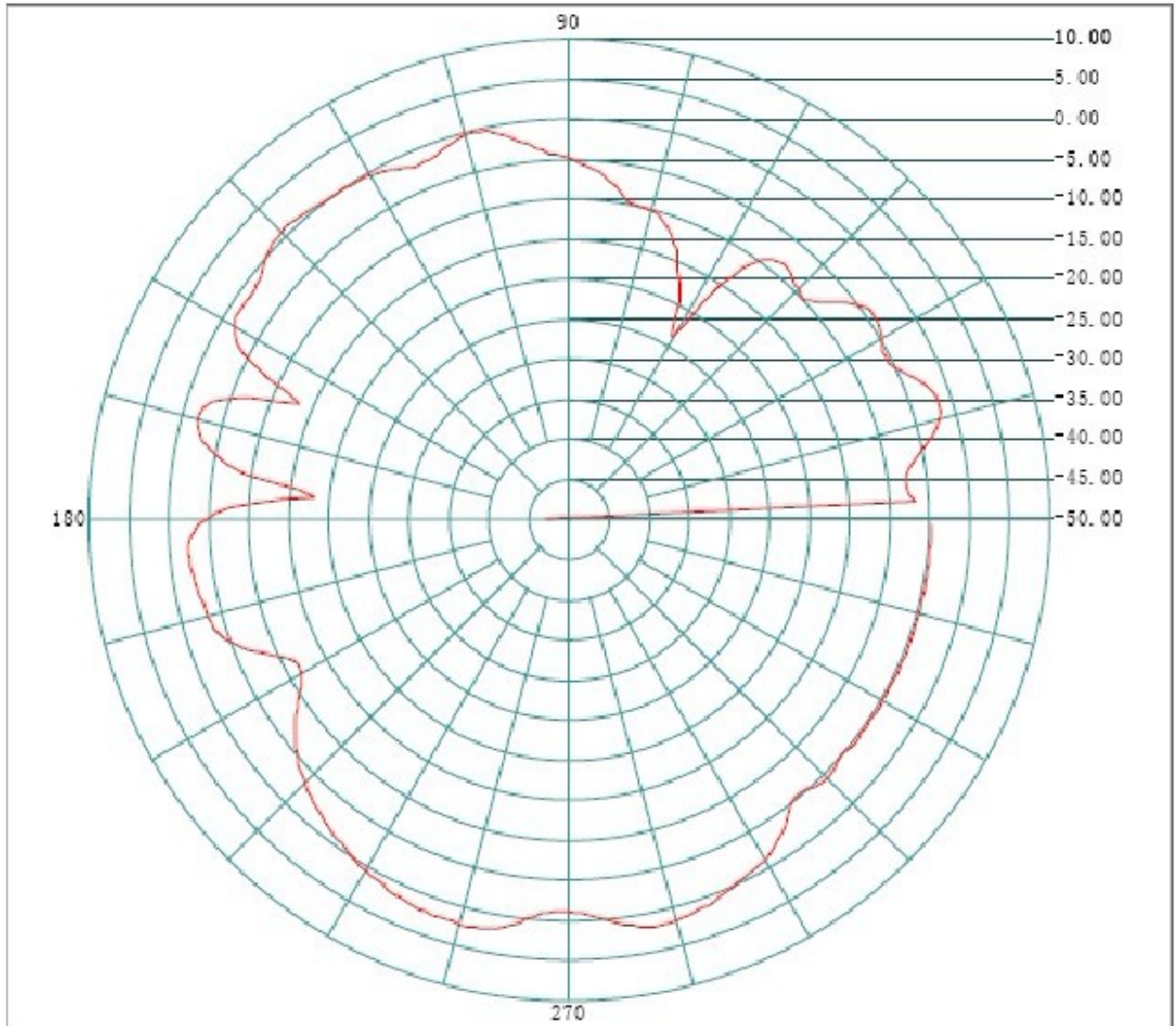
Maximum Value(dBi): **-3.9**

Average Gain(dBi) : **-11.5**

Minimum Gain(dBi): **-55.3**

2. Main antenna : 2480MHz

2.1 Horizontal



Frequency(MHZ): **2480**

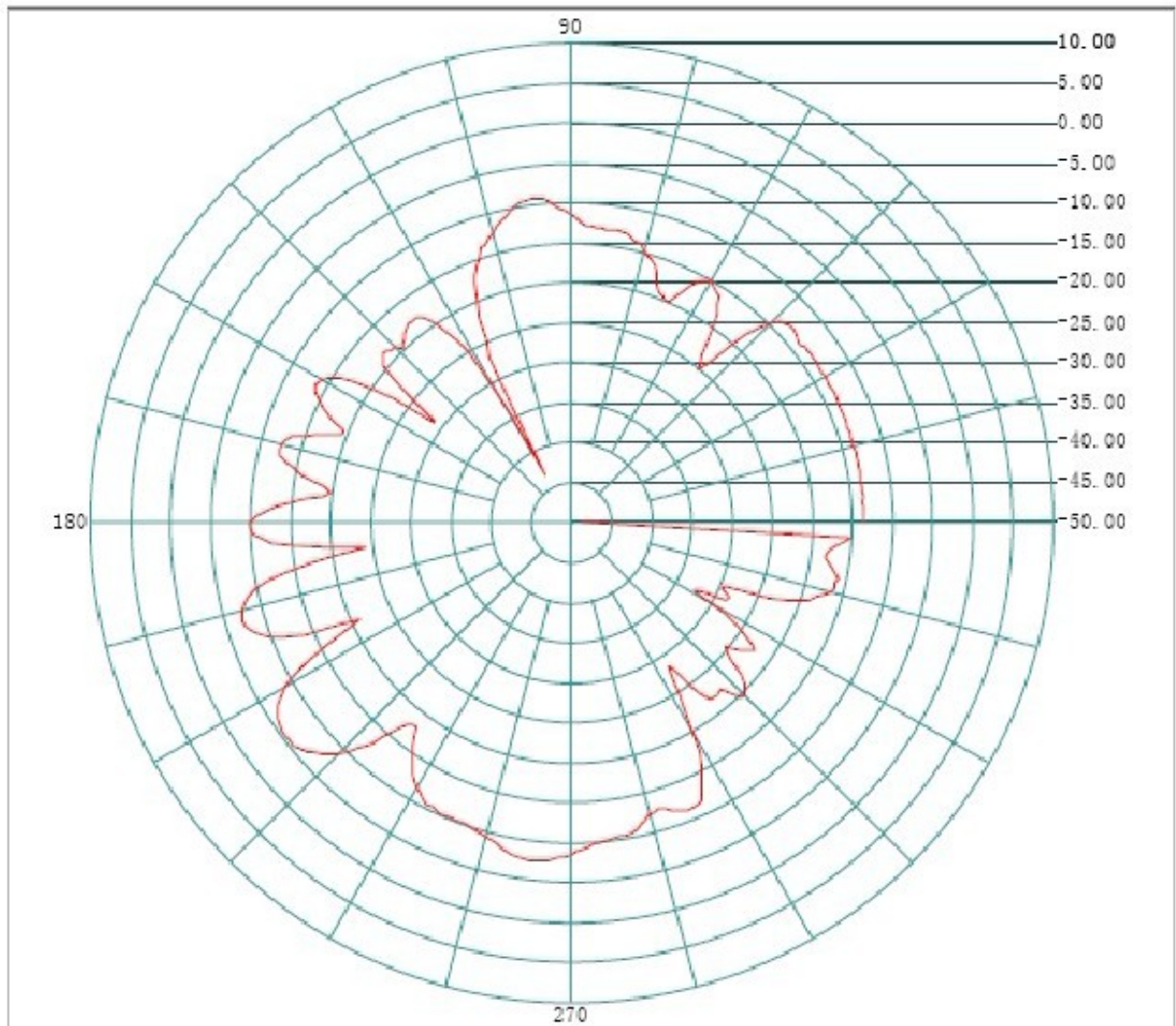
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **1.43**

Average Gain(dBi) : **-2.44**

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

2.2 Vertical



Frequency(MHZ): **2480**

Antenna Polarity: **Vertical**

Maximum Value(dBi): **-5.38**

Average Gain(dBi) : **-12.6**

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