

Antenna Specification

Specifications

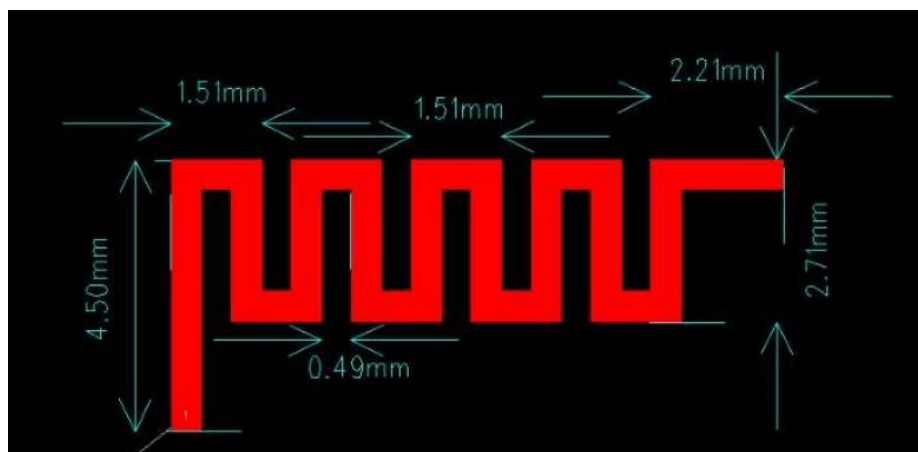
Summary

ITEM	SPEC.	
Center Frequency	2402 MHz 2441 MHz 2480 MHz	3.85 dBi 3.18 dBi 2.80 dBi
MAX. GAIN	3.85 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	6.6 mm	

Company: ZHEJIANG JINTUO MECHANICAL &ELECTRICAL CO.,LTD

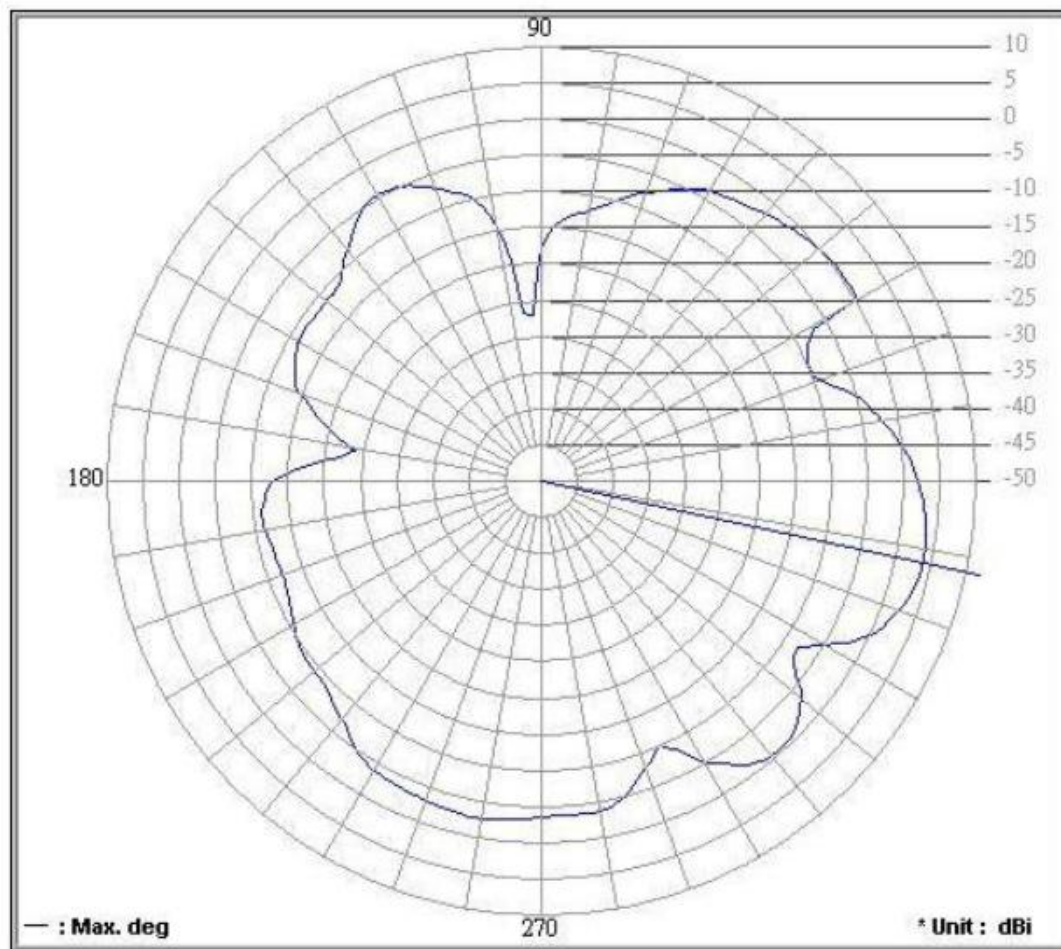
Address: NO. 22JINSHAN EAST ROAD, ECONOMIC DEVELOPMENT ZONE,
YONGKANG, ZHEJIANG, CHINA

Antenna Photo & Length



1.Main antenna : 2402 MHz

1.1 Horizontal



Frequency (MHz) : **2402.00**

Antenna Polarity : **Horizontal**

Average Gain (dB) : **-3.64**

Maximum Gain (dB) : **3.85**

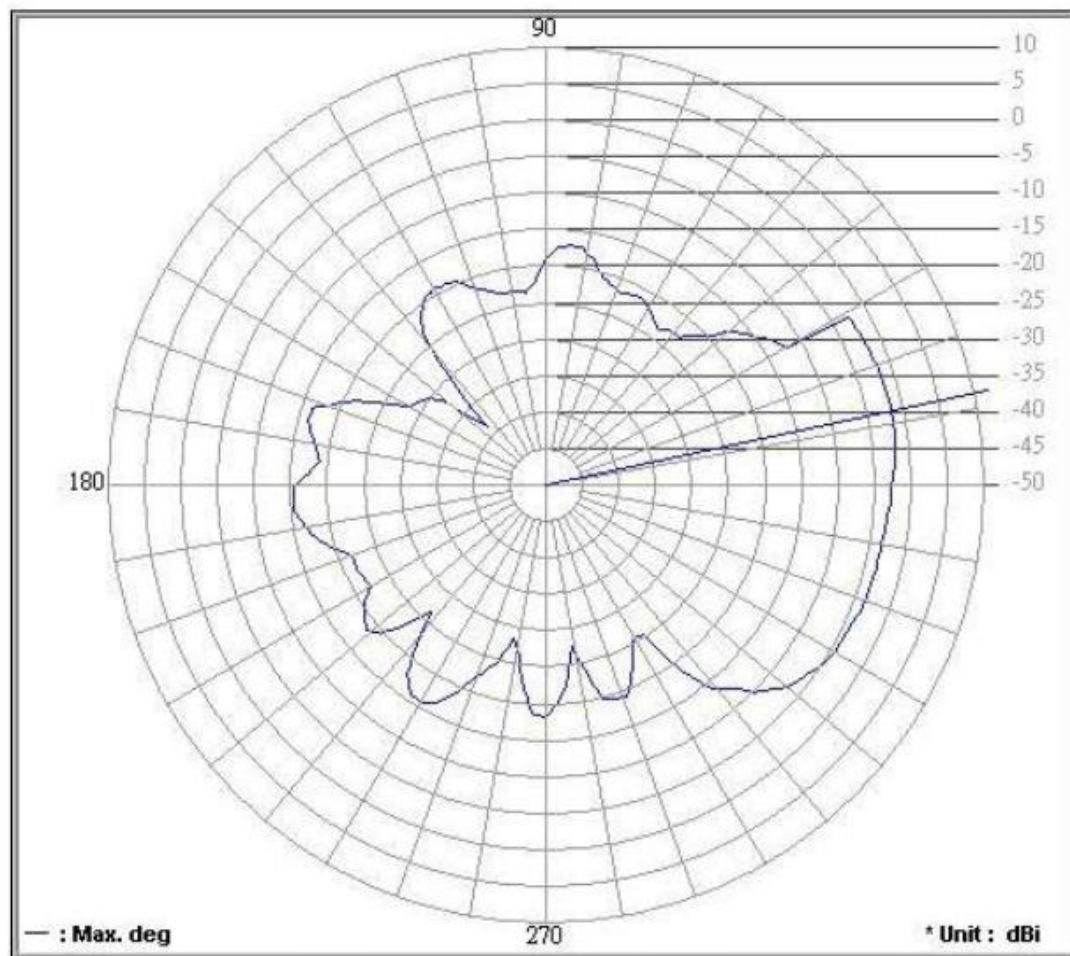
Maximum Gain (degree) : **348**

Minimum Gain (dB) : **-27.08**

Minimum Gain (degree) : **93**

C:\Antenna Pattern V5.0\Graph\0818\08180019.png

1.2 Vertical



Frequency (MHz) : **2402.00**

Antenna Polarity : **Vertical**

Average Gain (dB) : **-9.57**

Maximum Gain (dB) : **-1.54**

Maximum Gain (degree) : **12**

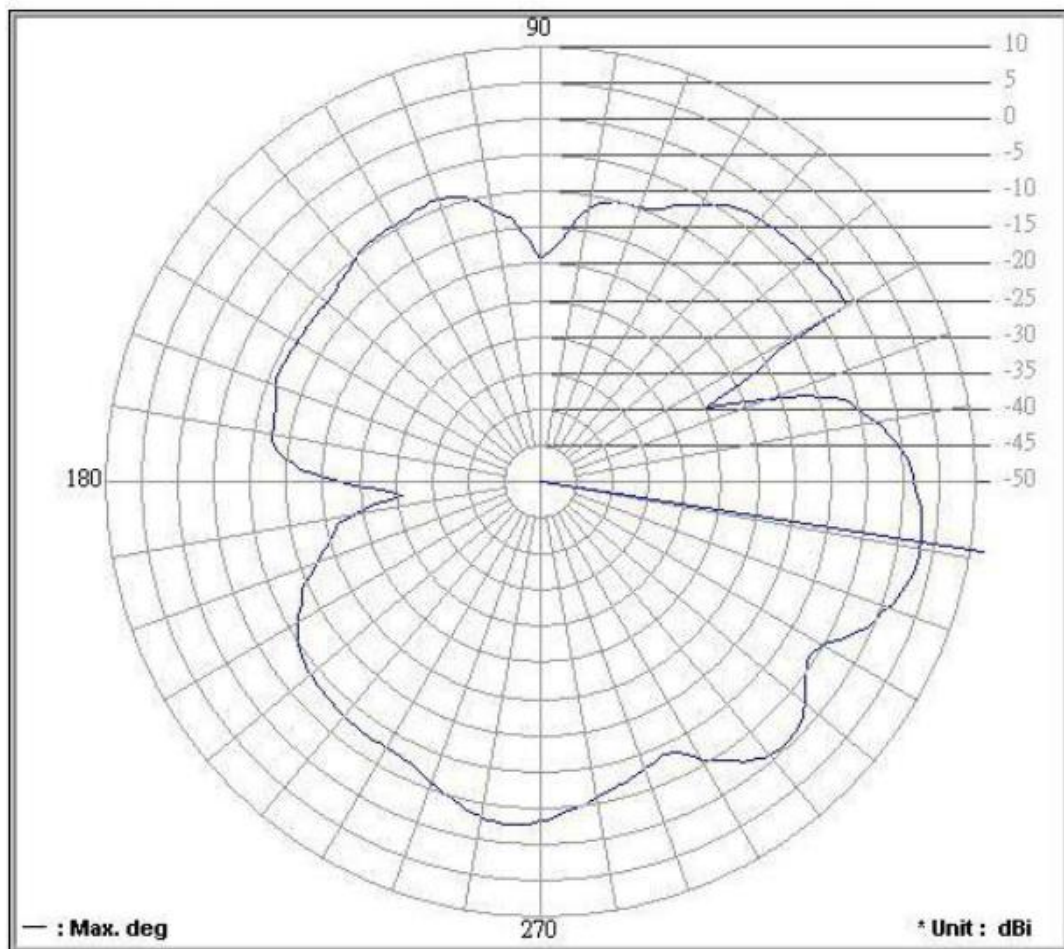
Minimum Gain (dB) : **-38.76**

Minimum Gain (degree) : **135**

C:\Antenna Pattern V5.0\Graph\0818\08180024.png

2.Main antenna : 2441MHz

2.1 Horizontal



Frequency (MHz) : **2441.00**

Antenna Polarity : **Horizontal**

Average Gain (dB) : **-4.64**

Maximum Gain (dB) : **3.18**

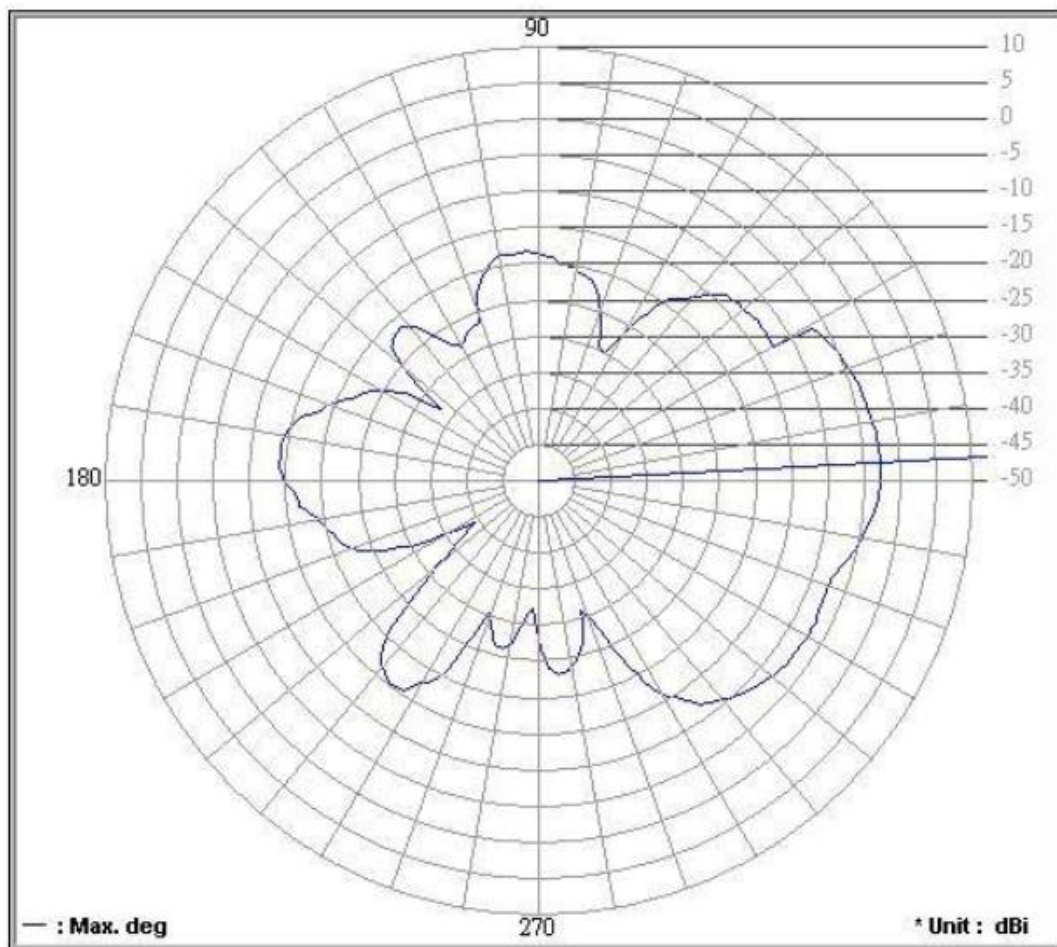
Maximum Gain (degree) : **351**

Minimum Gain (dB) : **-30.92**

Minimum Gain (degree) : **186**

C:\Antenna Pattern V5.0\Graph\0818\08180020.png

2.2 Vertical



Frequency (MHz) : **2441.00**

Antenna Polarity : **Vertical**

Average Gain (dB) : **-11.06**

Maximum Gain (dB) : **-2.58**

Maximum Gain (degree) : **3**

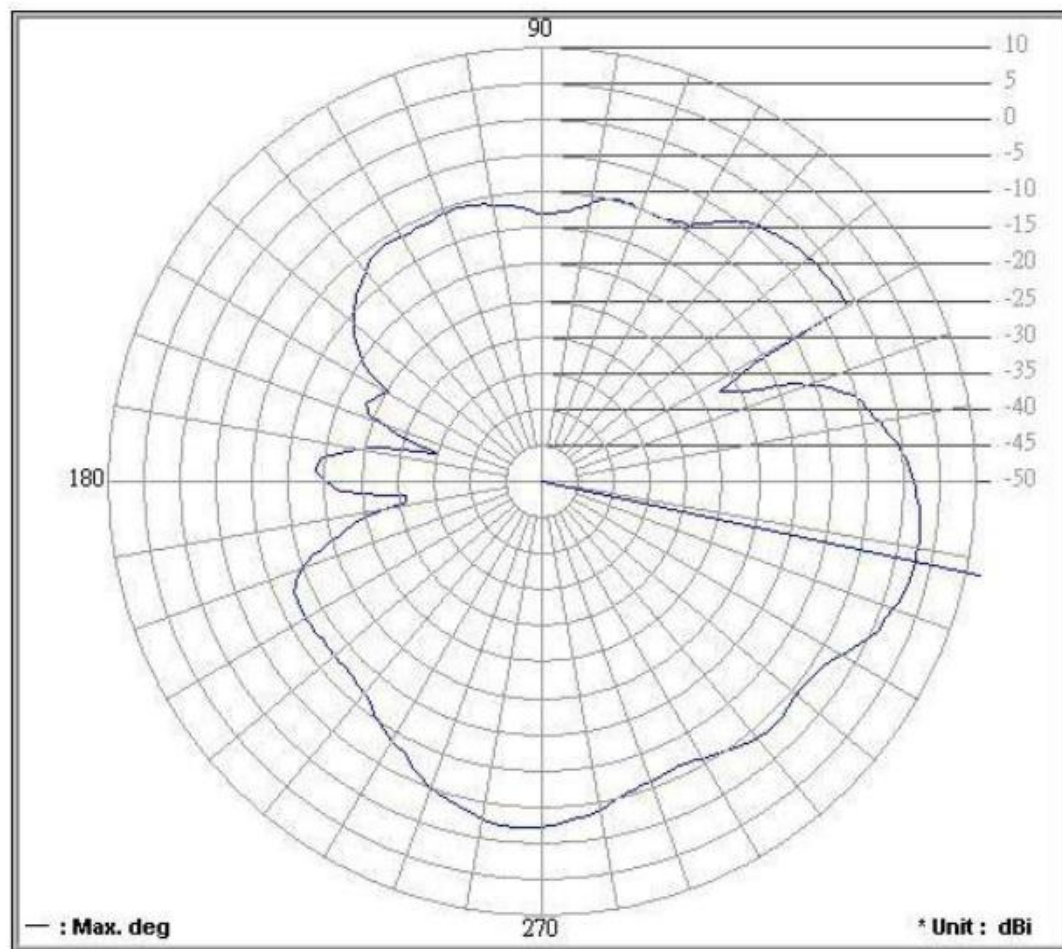
Minimum Gain (dB) : **-39.35**

Minimum Gain (degree) : **213**

C:\Antenna Pattern V5.0\Graph\0818\08180023.png

3. Main antenna: 2480 MHz

3.1 Horizontal



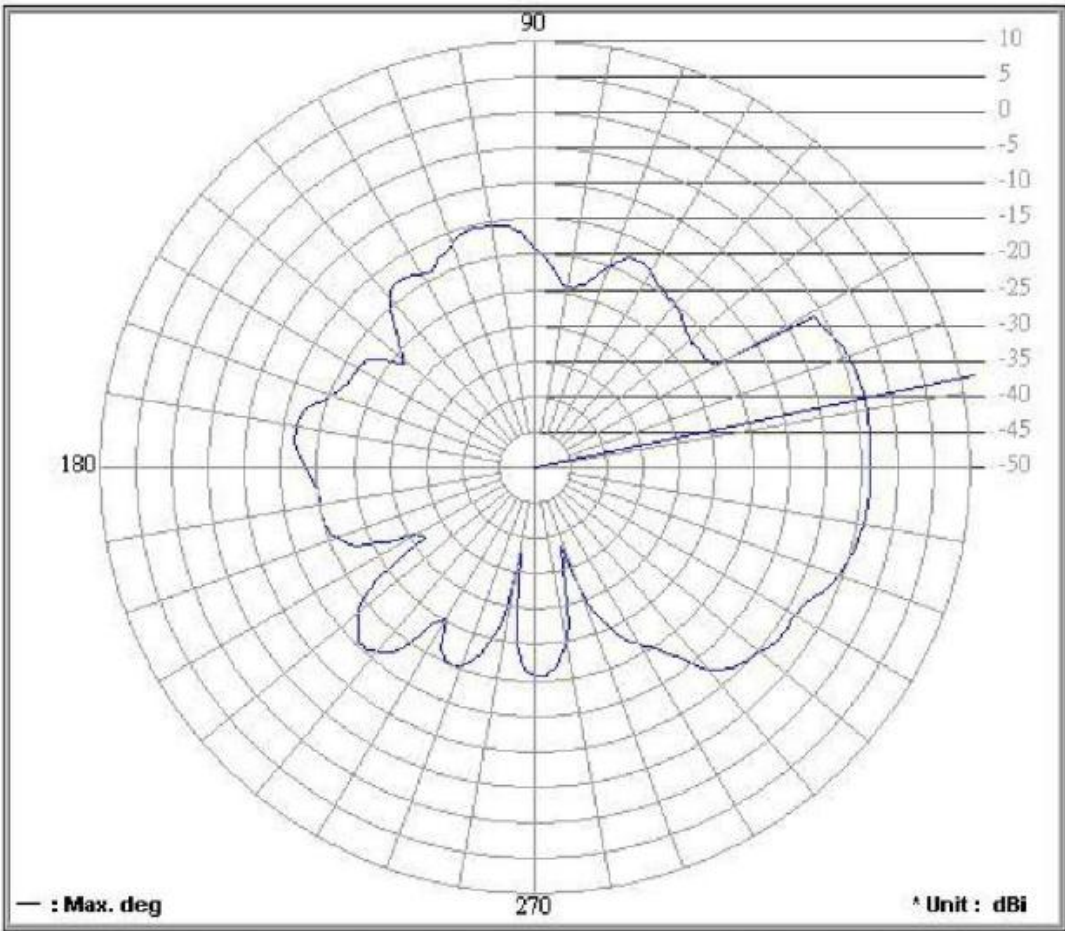
Frequency (MHz): **2480.00** Antenna Polarity: **Horizontal** Average Gain (dBi): **-4.84**

Maximum Gain (dBi): **2.80** Maximum Gain (degree): **348**

Minimum Gain (dBi): **-34.80** Minimum Gain (degree): **165**

C:\Antenna Pattern V5.0\Graph\0818\08180021.png

3.2 Vertical



Frequency (MHz) : **2480.00** Antenna Polarity : **Vertical** Average Gain (dB) : **-11.34**
Maximum Gain (dB) : **-3.47** Maximum Gain (degree) : **12**
Minimum Gain (dB) : **-38.33** Minimum Gain (degree) : **288**

C:\Antenna Pattern V5.0\Graph\0818\08180022.png

4. Result

Center Frequency		Maximum Ant Gain
2402 MHz	H	3.85 dBi
	V	-1.54 dBi
2441 MHz	H	3.18 dBi
	V	-2.58 dBi
2480 MHz	H	2.80 dBi
	V	-3.47 dBi