

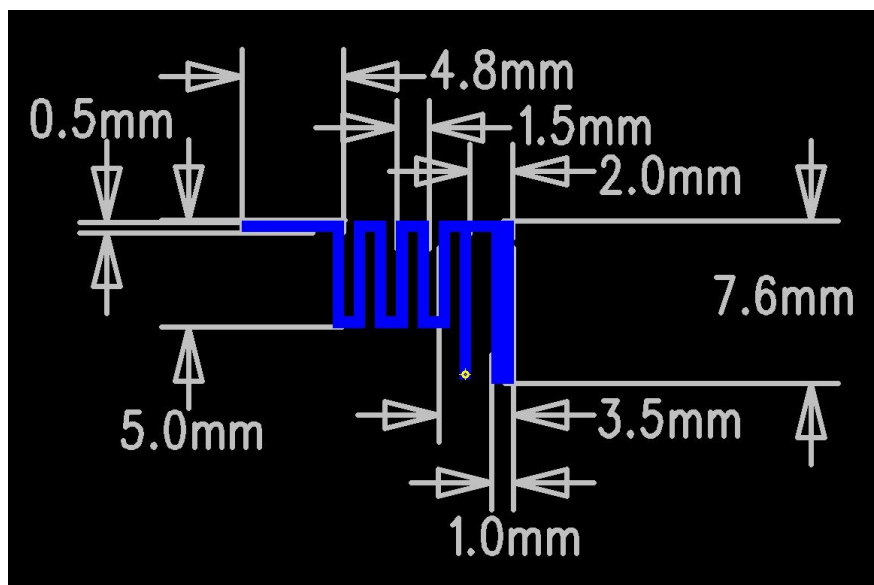
Antenna Specification

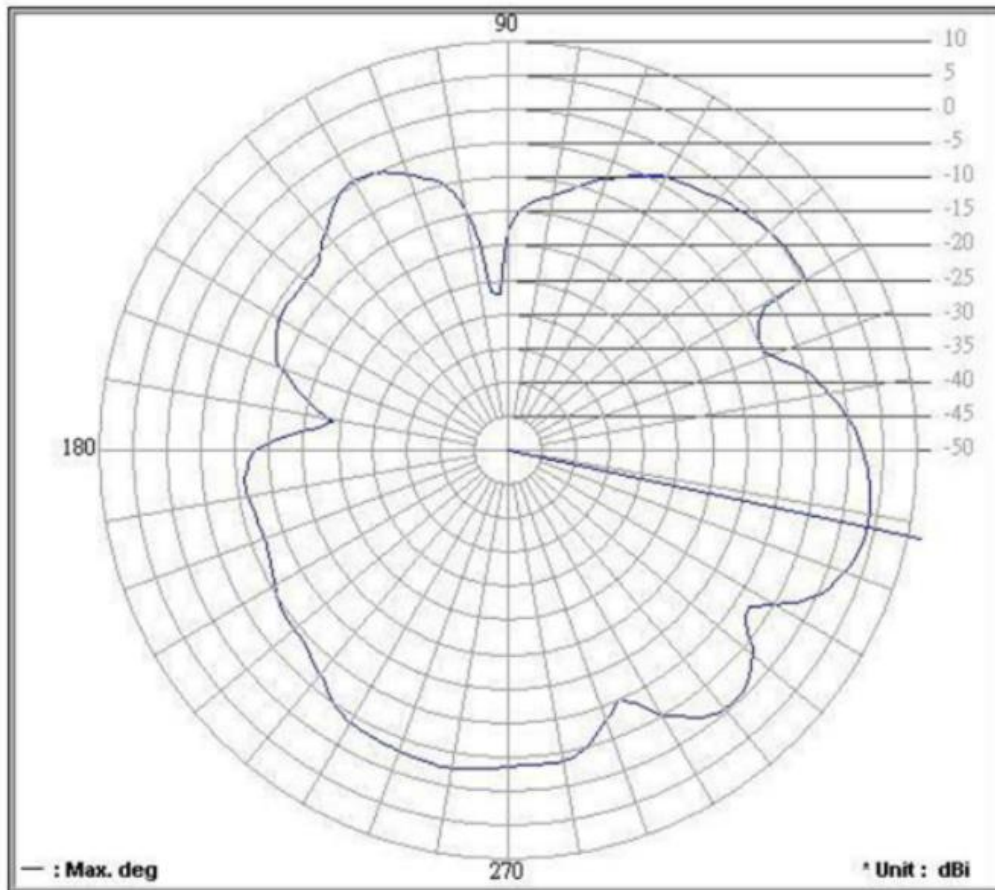
Specifications

Summary

ITEM	SPEC.	
Center Frequency	2402 MHz 2441 MHz 2479 MHz	1.45 dBi 1.42 dBi 1.40 dBi
MAX. GAIN	1.45 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	9.6 mm	

Antenna Photo & Length





Frequency (MHz): **2402.00**

Antenna Polarity: **Horizontal**

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

Maximum Gain (dB): **1.45**

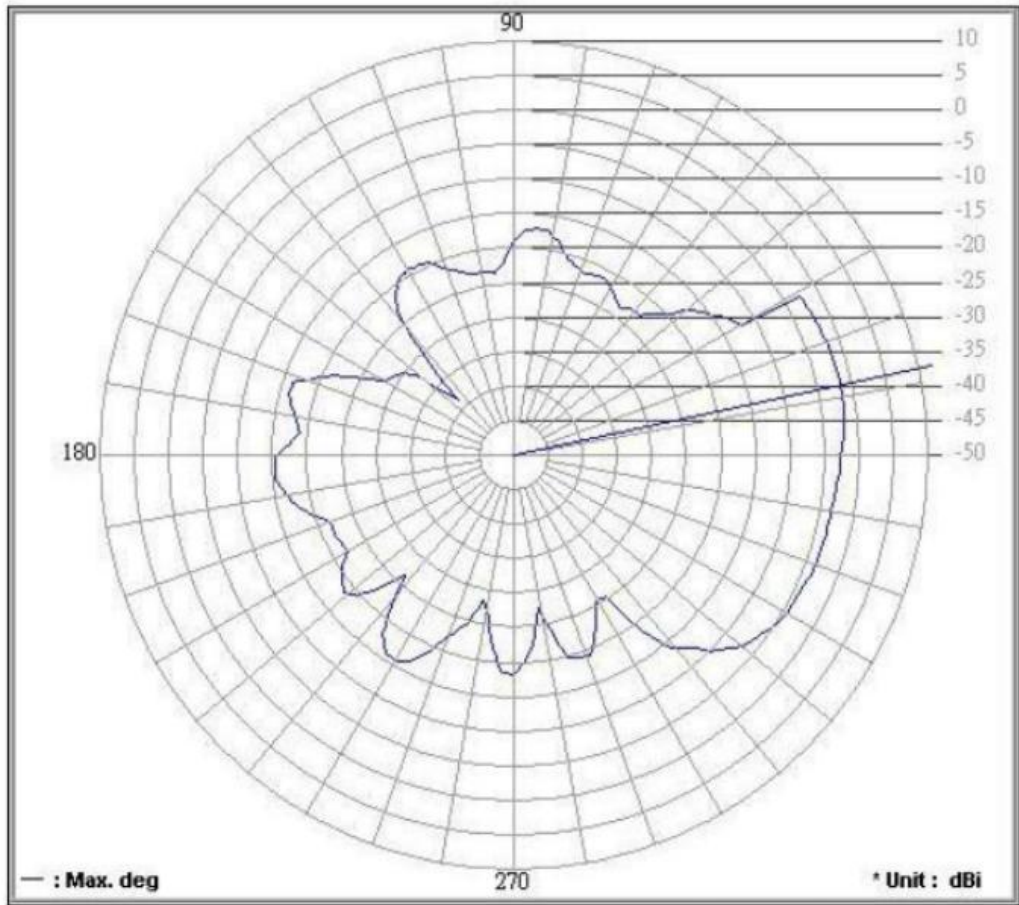
Maximum Gain (degree): **348**

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

Minimum Gain (degree): **93**

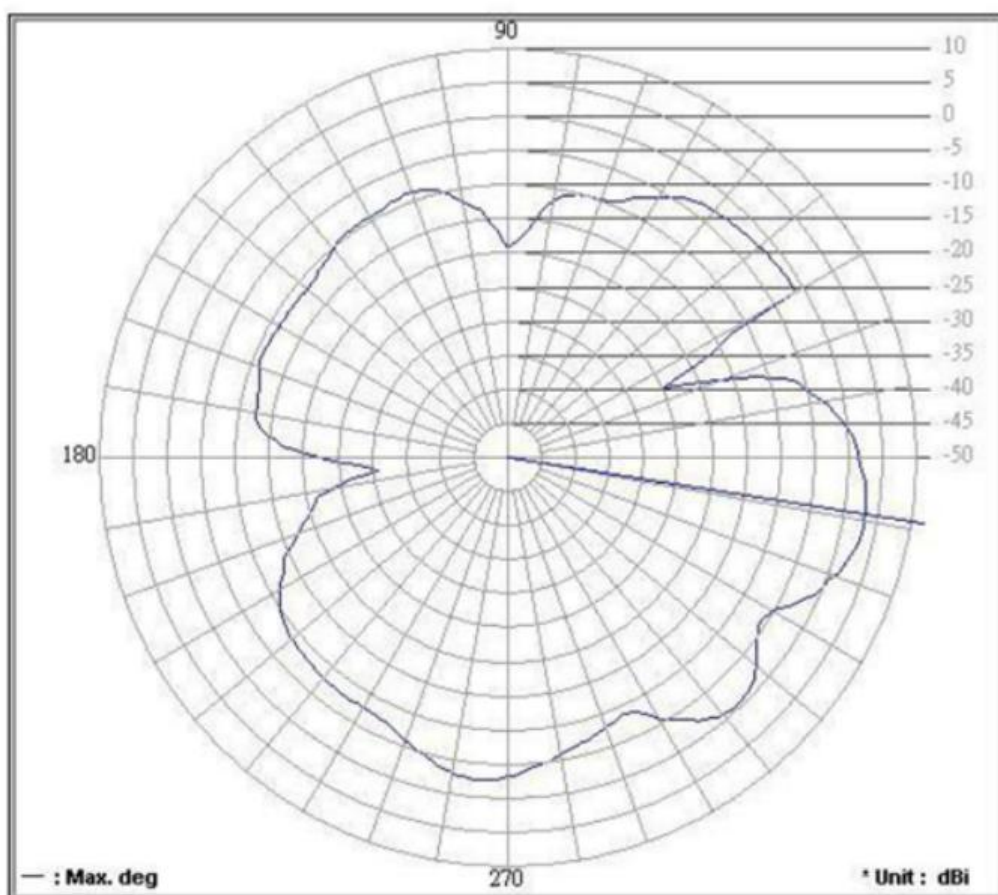
C:\Antenna Pattern V5.0\Graph\0818\08180919.png

1.2Vertical



Frequency (MHz) : **2402.00** Antenna Polarity : **Vertical** Average Gain (dB) : **-9.57**
Maximum Gain (dB) : **-1.44** Maximum Gain (degree) : **12**
Minimum Gain (dB) : **-38.76** Minimum Gain (degree) : **135**

C:\Antenna Pattern V5.0\Graph\0818\08180424.png



Frequency (MHz) : **2441.00**

Antenna Polarity : **Horizontal**

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

Maximum Gain (dB) : **1.42**

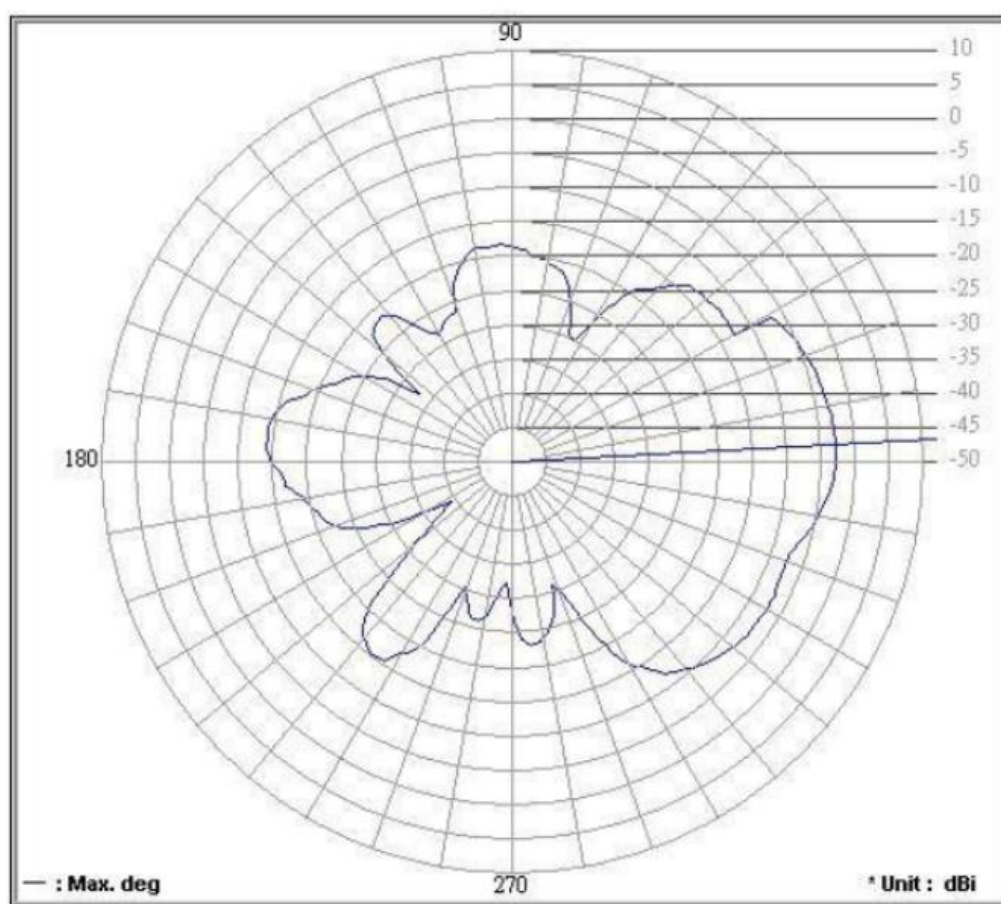
Maximum Gain (degree) : **351**

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

Minimum Gain (degree) : **186**

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

2.2 Vertical



Frequency (MHz) : **2441.00**

Antenna Polarity : **Vertical**

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

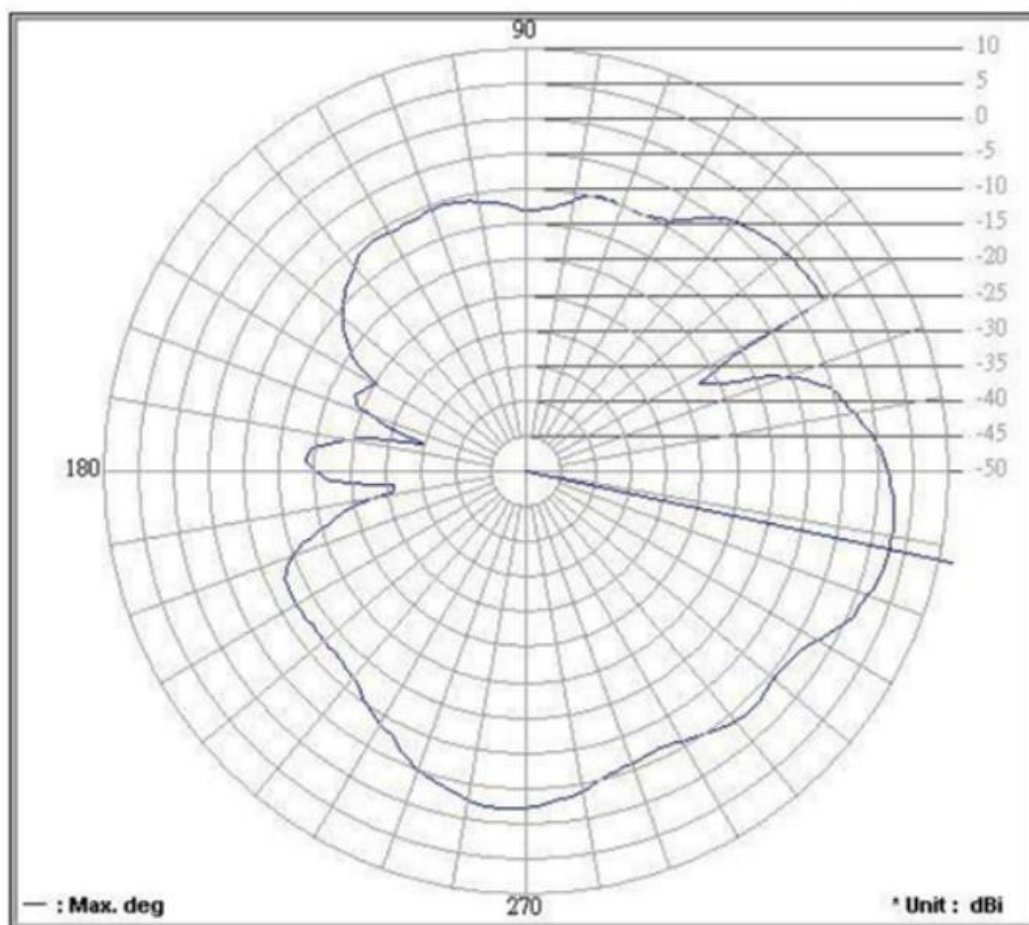
Maximum Gain (dB) : **-2.28**

Maximum Gain (degree) : **3**

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

Minimum Gain (degree) : **213**

C:\Antenna Pattern V5.0\Graph\0818\08180223.png



Frequency (MHz): **2479.00**

Antenna Polarity: **Horizontal**

Average Gain (dB): **-4.84**

Maximum Gain (dB): **1.40**

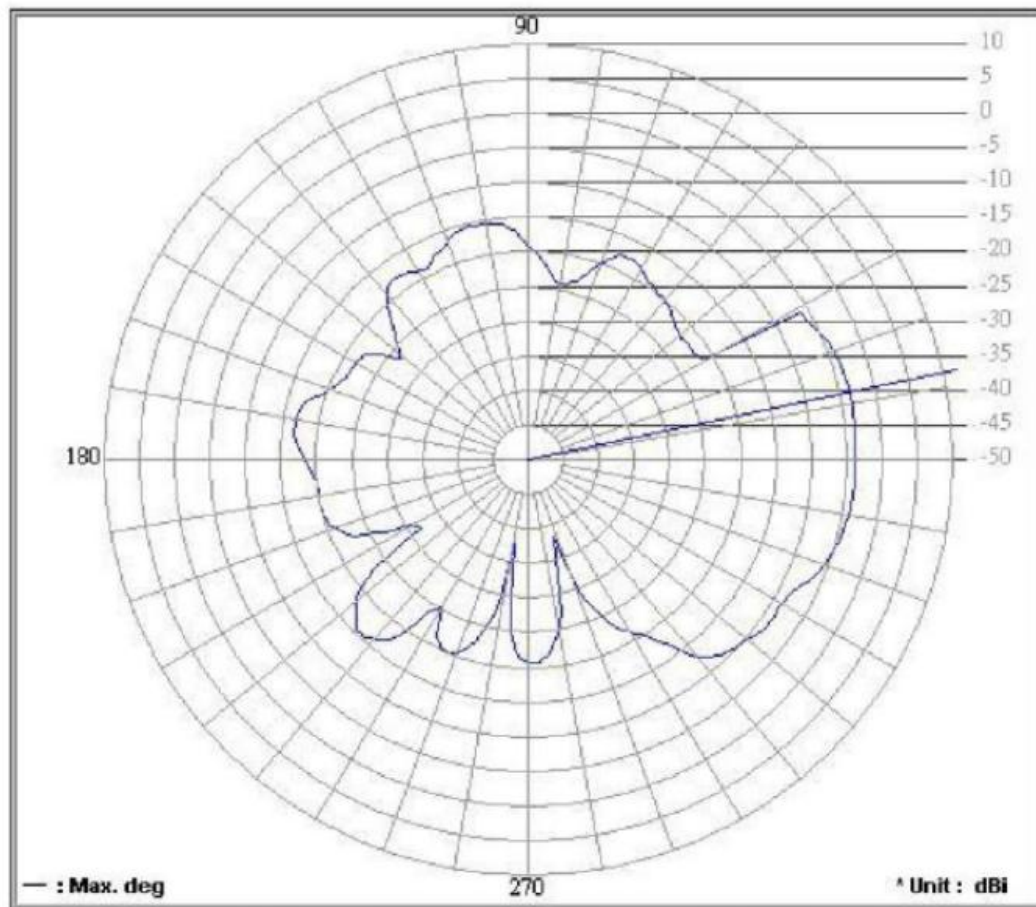
Maximum Gain (degree): **348**

Minimum Gain (dB): **-34.80**

Minimum Gain (degree): **165**

C:\Antenna Pattern V5.0\Graph\0818\08180221.png

3.2 Vertical



Frequency (MHz) : **2479.00**

Antenna Polarity : **Vertical**

Average Gain (dB) : **-11.34**

Maximum Gain (dB) : **-3.37**

Maximum Gain (degree) : **12**

Minimum Gain (dB) : **-38.33**

Minimum Gain (degree) : **288**

C:\Antenna Pattern V5.0\Graph\0818\08180222.png

Center Frequency		Maximum Ant Gain
2402 MHz	H	1.45 dBi
	V	-1.54 dBi
2441 MHz	H	1.44 dBi
	V	-2.28 dBi
2479 MHz	H	1.40 dBi
	V	-3.37 dBi