

SUNWAY (SHENZHEN) PRODUCTS LIMITED
201, 301East, 401, 501, 101, Building E, Junxuan Company, No.16 Yinkui Road, Kuixin Community, Kuichong Sub-district, Dapeng New District, Shenzhen, Guangdong Province, China

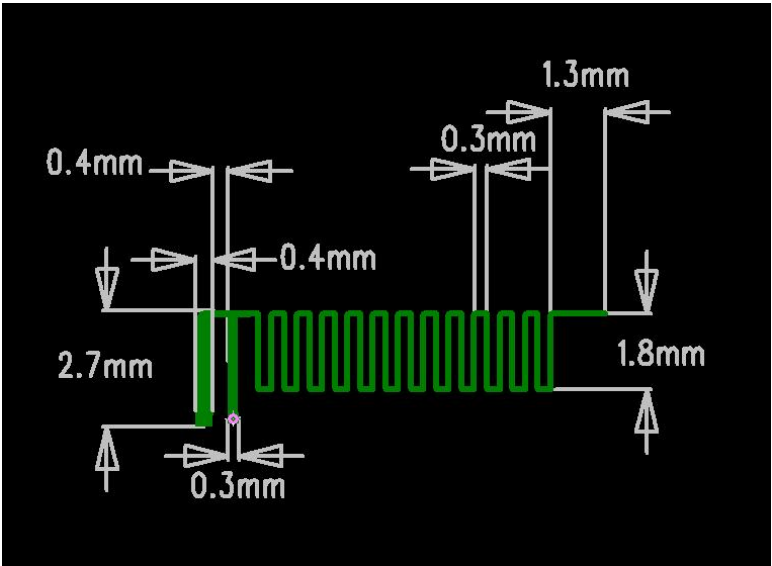
Antenna Specification

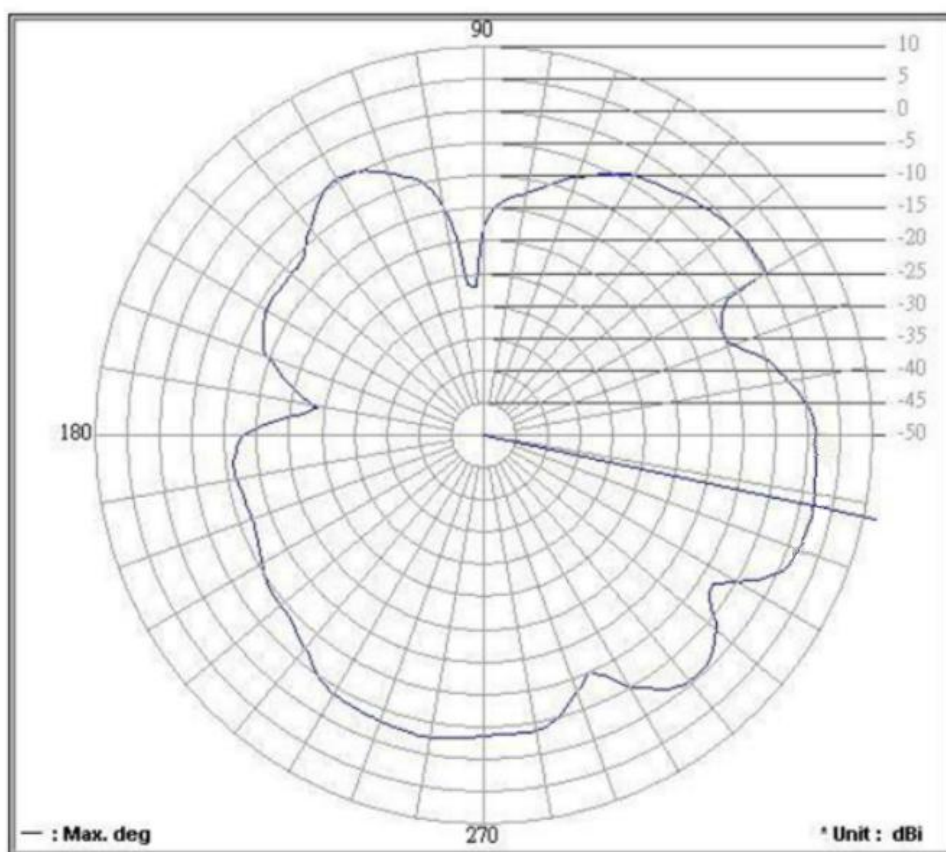
Specifications

Summary

ITEM	SPEC.	
Center Frequency	2402 MHz 2441 MHz 2480 MHz	1.85 dBi 1.82 dBi 1.80 dBi
MAX. GAIN	1.85 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	6.6 mm	

Antenna Photo & Length





Frequency (MHz): **2402.00**

Antenna Polarity: **Horizontal**

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

Maximum Gain (dB): **1.85**

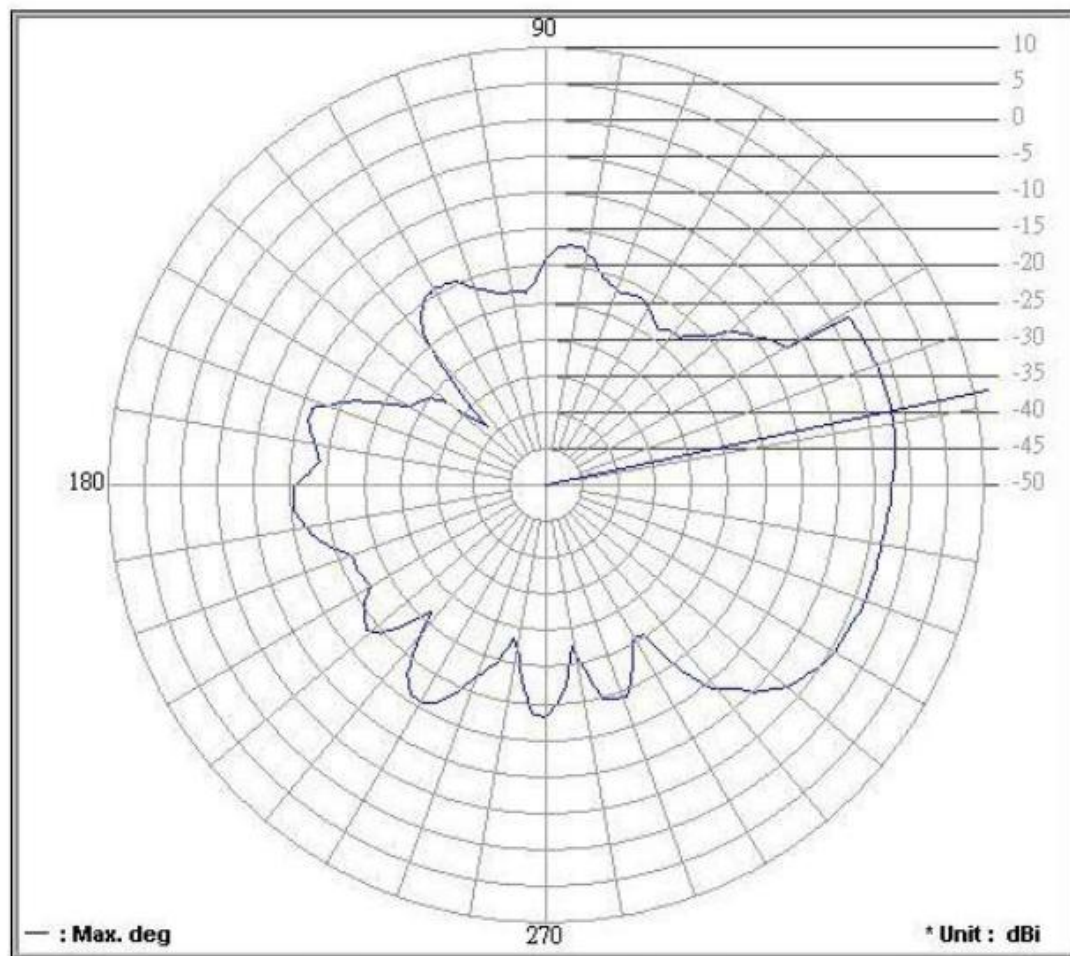
Maximum Gain (degree): **348**

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

Minimum Gain (degree): **93**

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1.2 Vertical



Frequency (MHz): **2402.00**

Antenna Polarity: **Vertical**

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

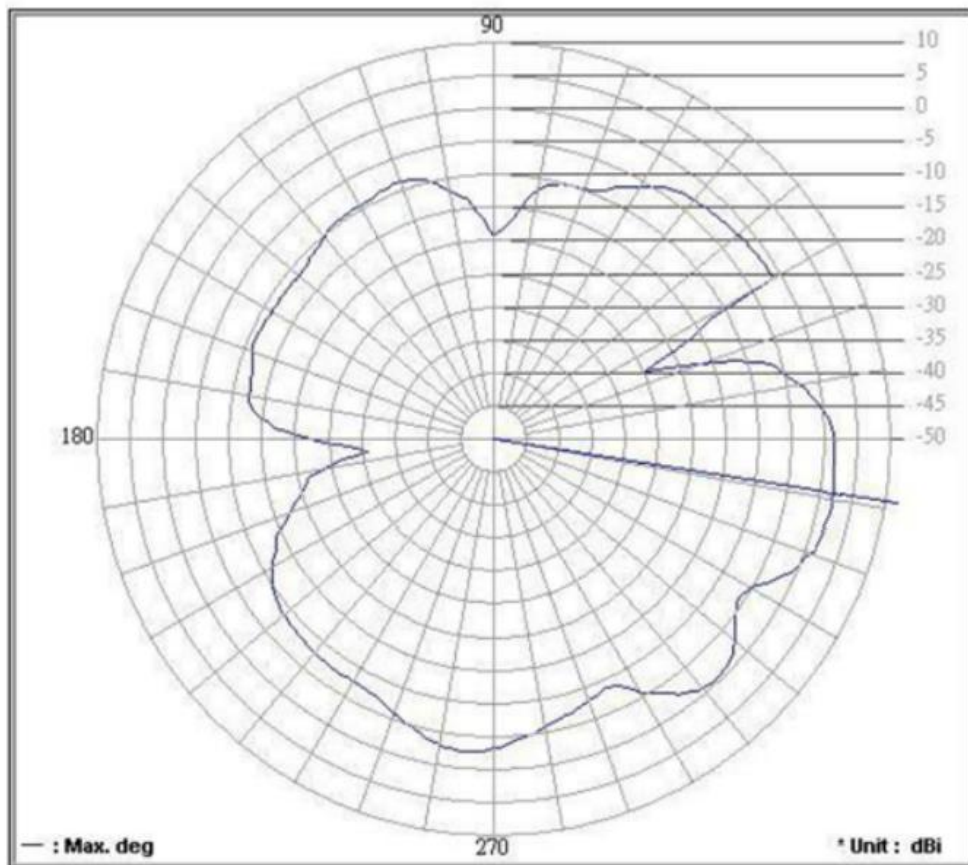
Maximum Gain (dB): **-1.54**

Maximum Gain (degree): **12**

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

Minimum Gain (degree): **135**

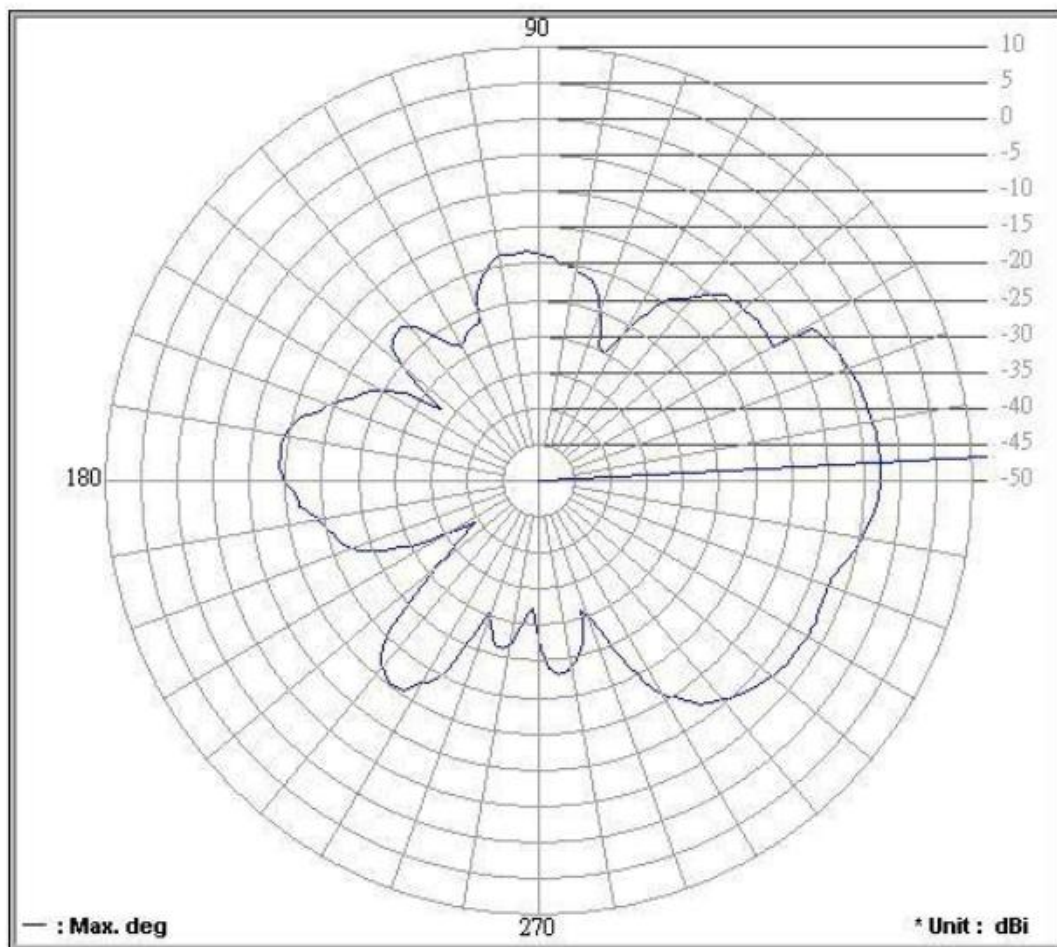
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Frequency (MHz) : **2441.00** Antenna Polarity : **Horizontal** Average Gain (dBi) : **-4.64**
Maximum Gain (dBi) : **1.82** Maximum Gain (degree) : **351**
Minimum Gain (dBi) : **-30.92** Minimum Gain (degree) : **186**

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2.2 Vertical



Frequency (MHz) : **2441.00**

Antenna Polarity : **Vertical**

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

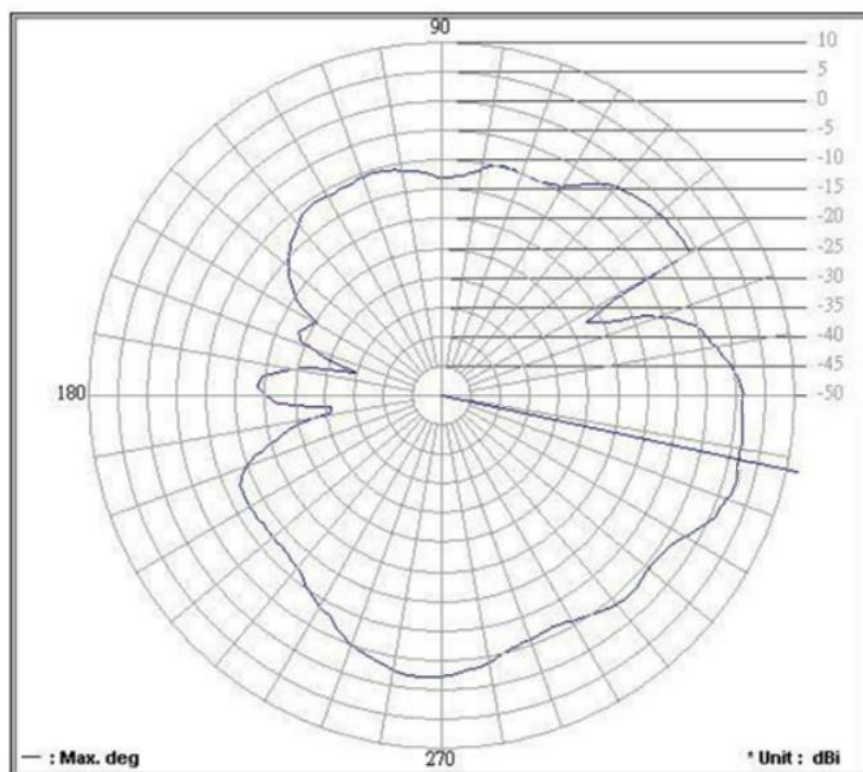
Maximum Gain (dB) : **-2.58**

Maximum Gain (degree) : **3**

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

Minimum Gain (degree) : **213**

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Frequency (MHz): 2480

Antenna Polarity: Horizontal

Average Gain (dB): -4.84

Maximum Gain (dB): 1.80

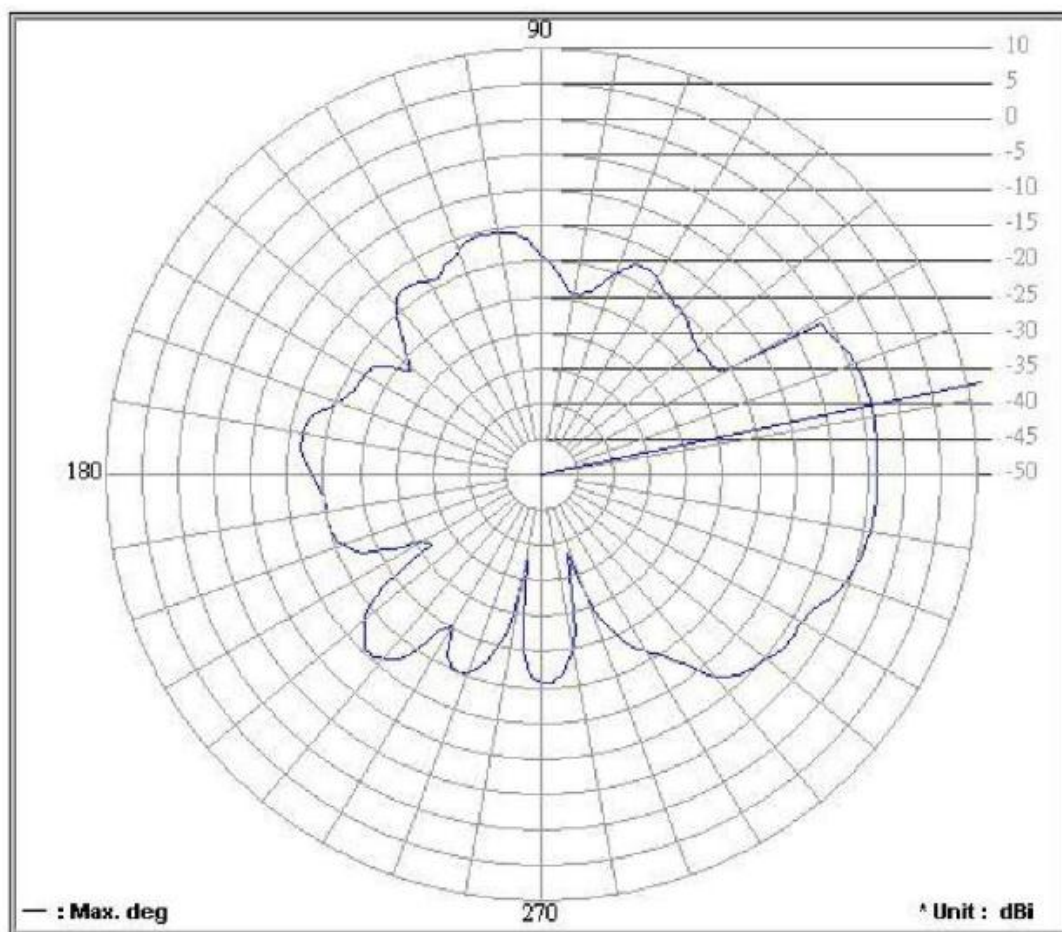
Maximum Gain (degree): 348

Minimum Gain (dB): -34.80

Minimum Gain (degree): 165

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3.2 Vertical



Frequency (MHz) : 2480

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**

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Center Frequency		Maximum Ant Gain
2402 MHz	H	1.85 dBi
	V	-1.54 dBi
2441 MHz	H	1.82 dBi
	V	-2.58 dBi
2480 MHz	H	1.80 dBi
	V	-3.47 dBi