

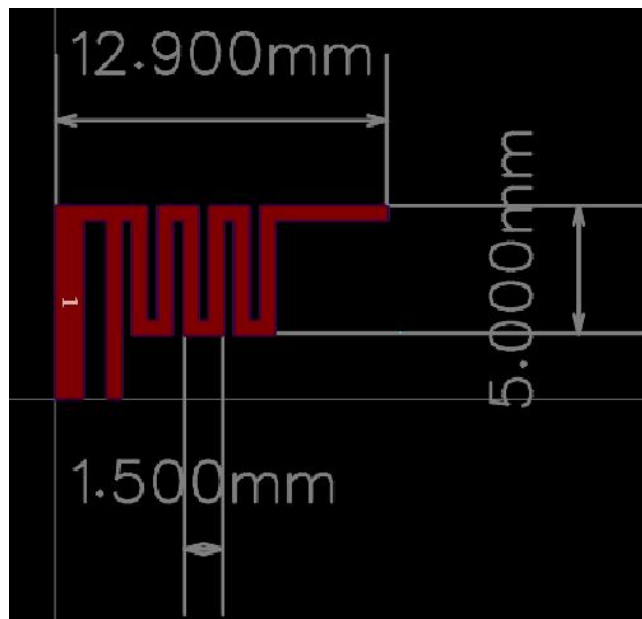
Antenna Specification

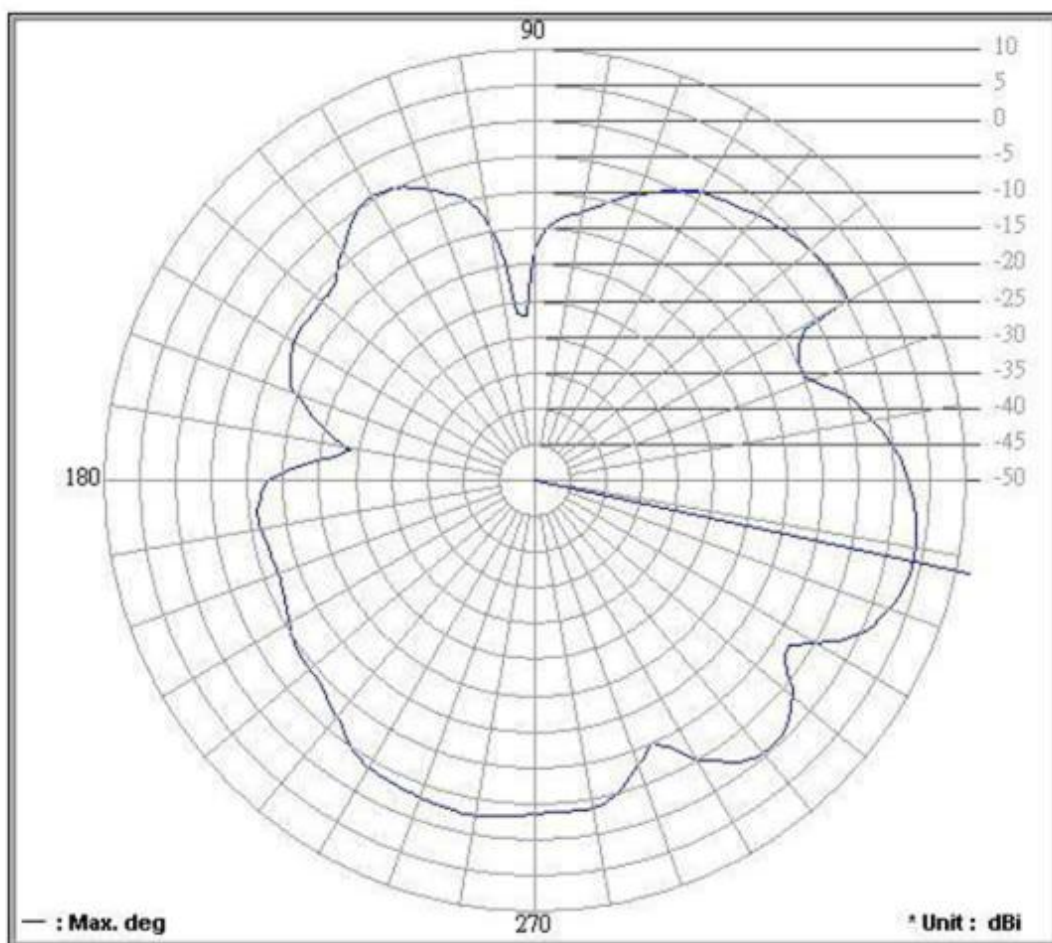
Specifications

Summary

ITEM	SPEC.	
Mode Name	ANT	
Company Name	Hi-Dow Electron Technology (Hefei) Inc., Ltd.	
Company Address	Building D17/22, Baiyan Sci-tech Industrial Park, No.168 Xiangzhang Road, Hefei, Anhui,230088,P.R.China	
Center Frequency	2402MHz 2441MHz 2479MHz	1.85dBi 1.82dBi 1.80dBi
MAX. GAIN	1.85dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	12.9mm	

Antenna Photo & Length (mm)





Frequency (MHz): **2402.00**

Antenna Polarity: **Horizontal**

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

Maximum Gain (dB): **1.85**

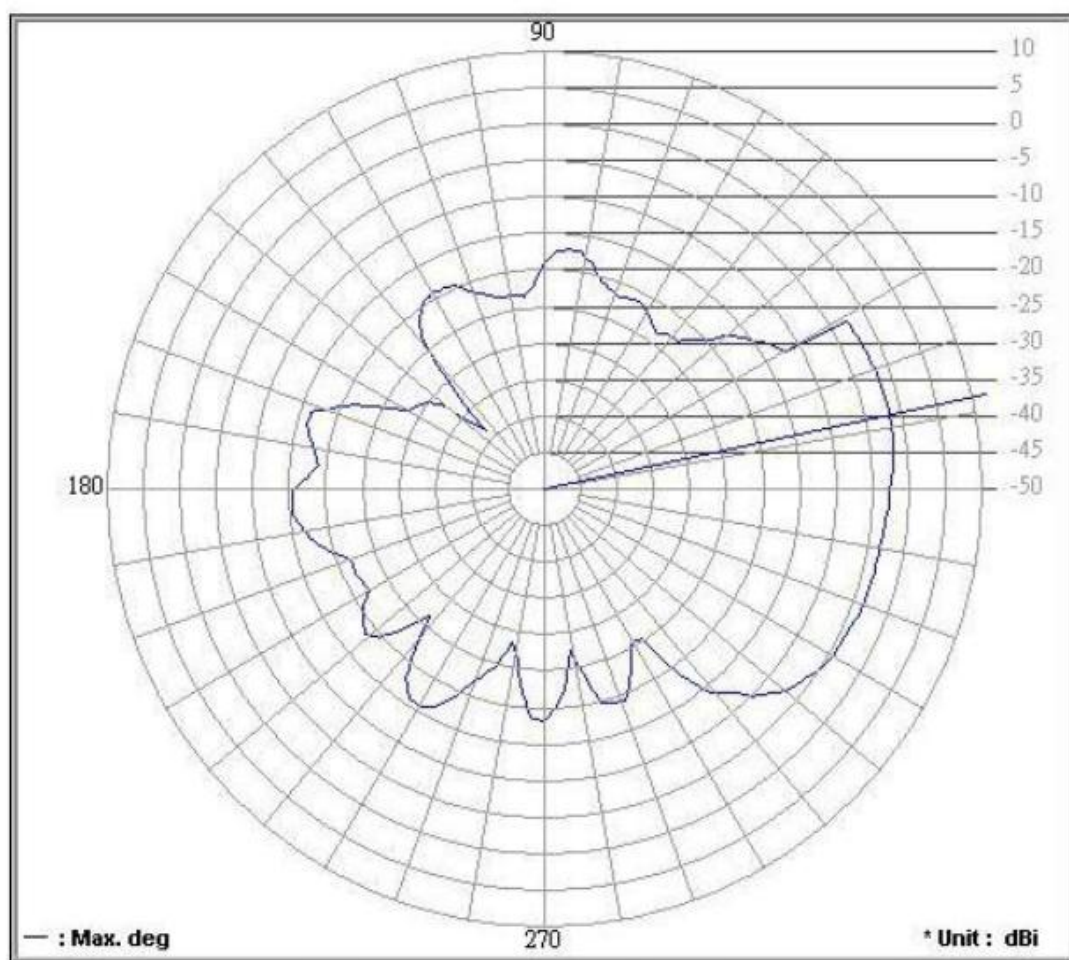
Maximum Gain (degree): **348**

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**

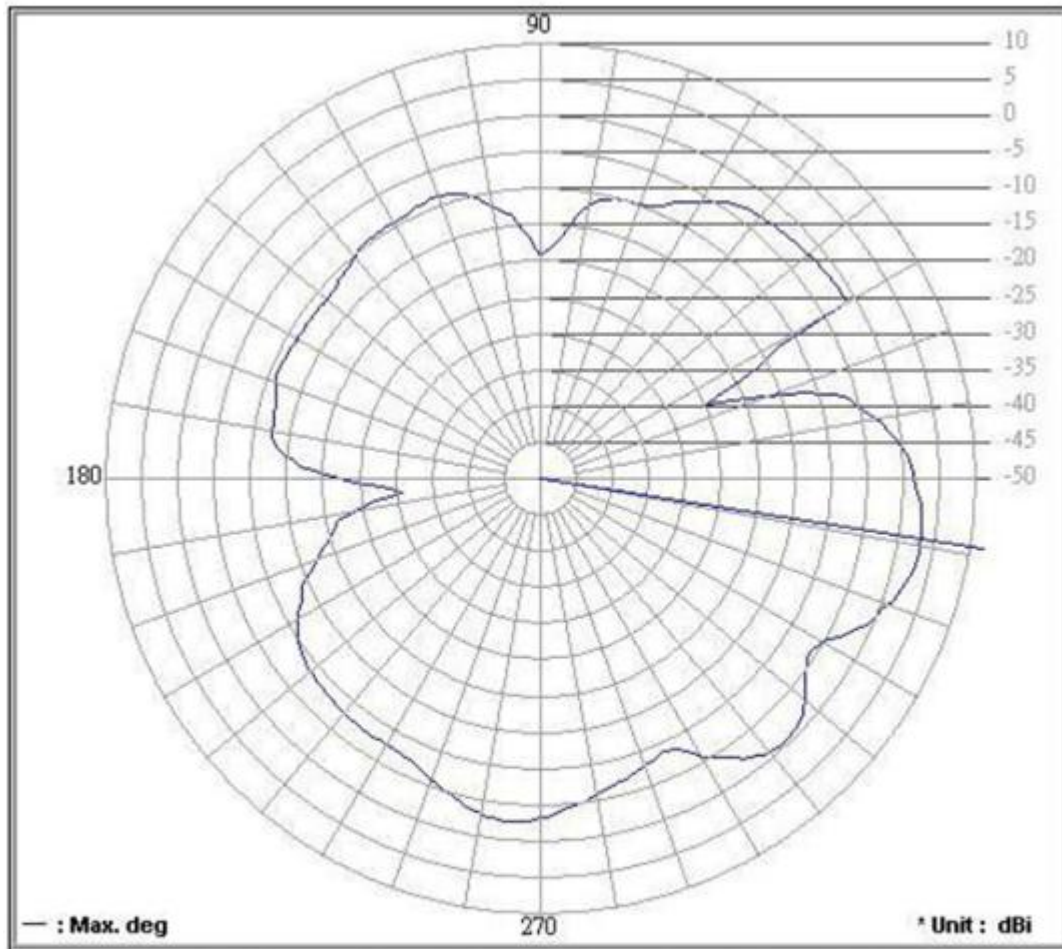
Maximum Gain (dB): **-1.54**

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 (dB) : **-4.64**

Maximum Gain (dB) : **1.82**

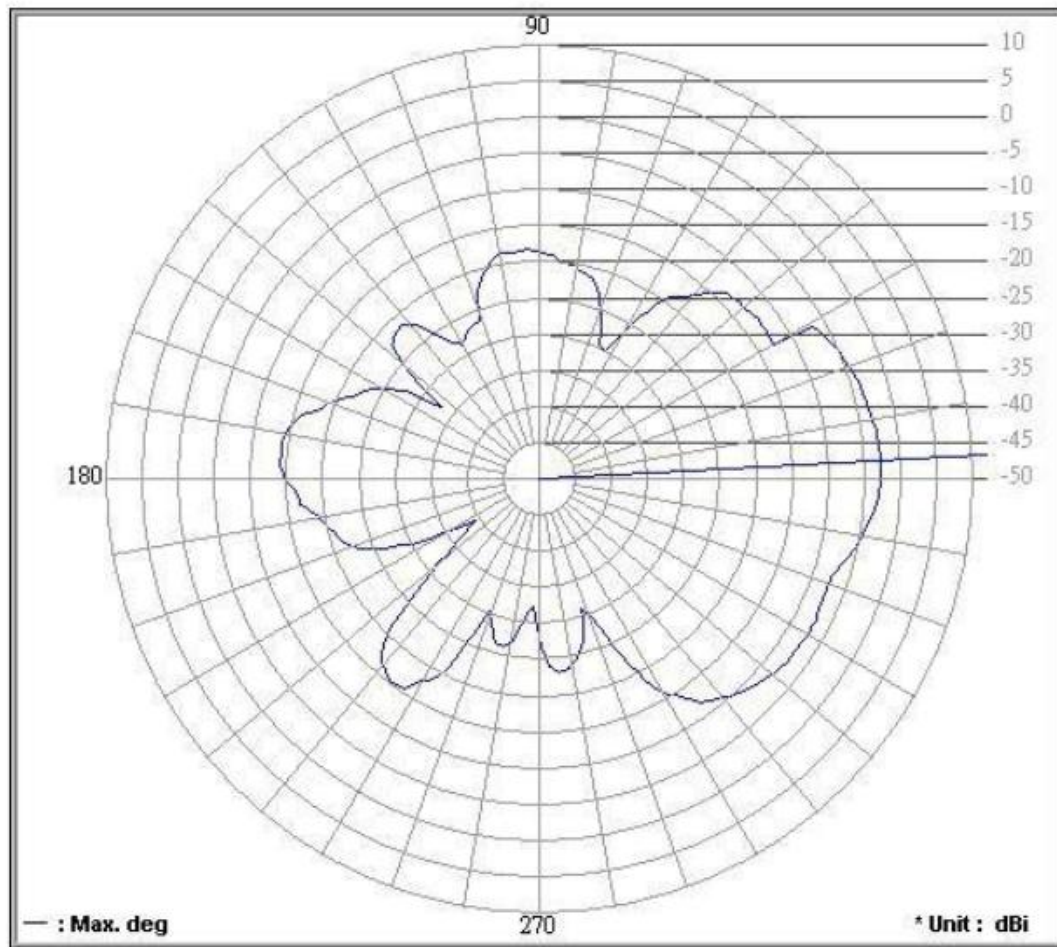
Maximum Gain (degree) : **351**

Minimum Gain (dB) : **-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**

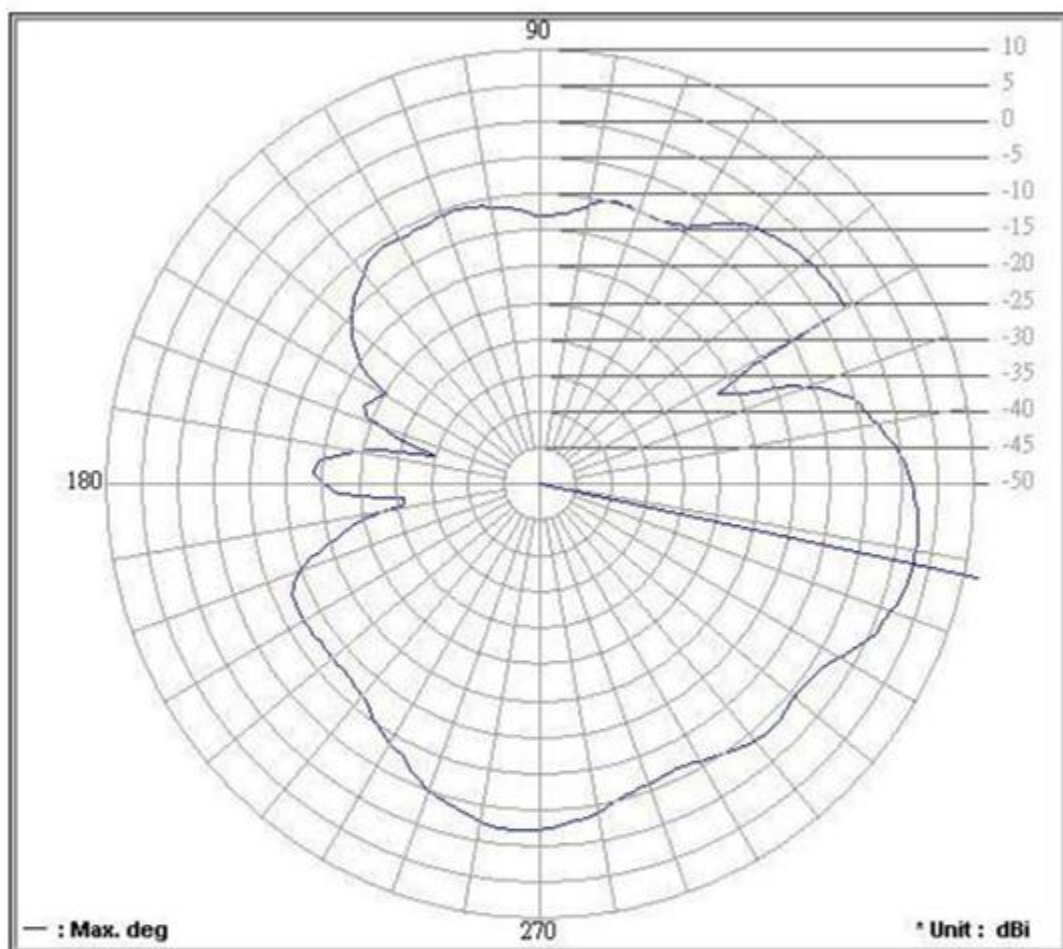
Maximum Gain (dB) : **-2.58**

Maximum Gain (degree) : **3**

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

Minimum Gain (degree) : **213**

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Frequency (MHz): **2479.00**

Antenna Polarity: **Horizontal**

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

Maximum Gain (dB): **1.80**

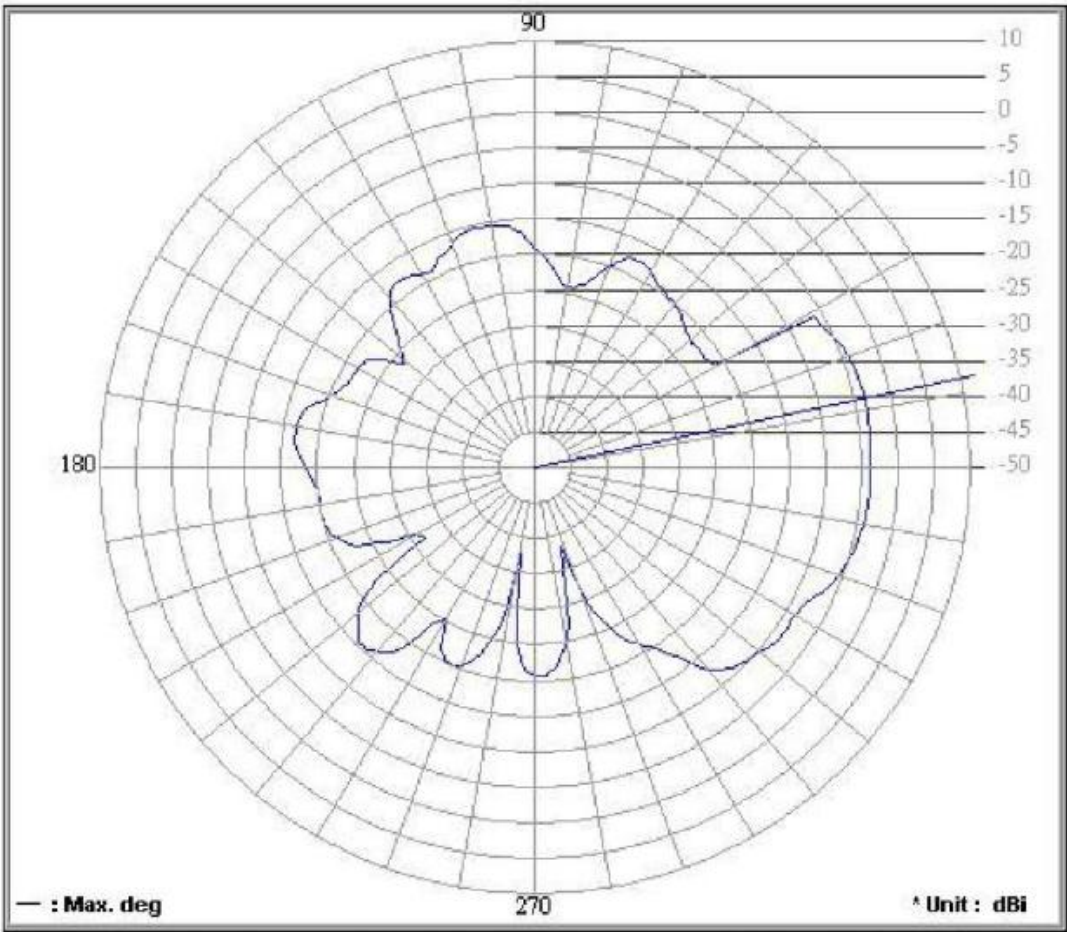
Maximum Gain (degree): **348**

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

Minimum Gain (degree): **165**

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3.2 Vertical



Frequency (MHz) : **2479.00** 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**

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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
2479 MHz	H	1.80 dBi
	V	-3.47 dBi