

## Antenna Specification

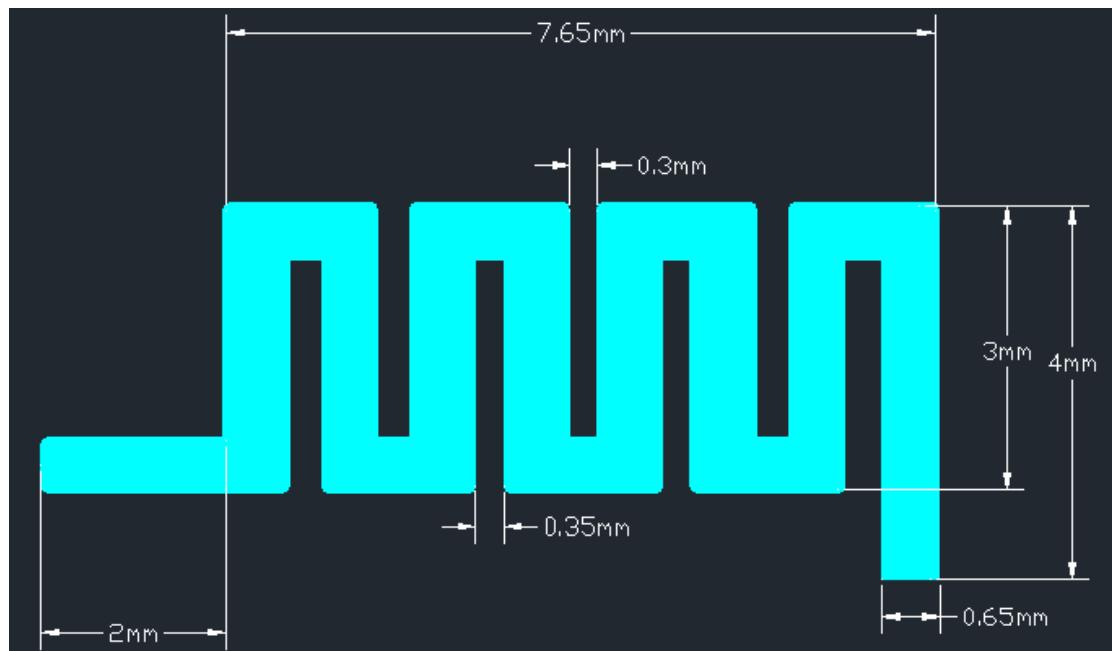
ITEM	SPEC	
Center Frequency	2402 MHZ	1.85 dBi
	2441 MHZ	1.82 dBi
	2479 MHZ	1.80 dBi
MAX. GAIN	1.85 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	

**Model:** trace antenna

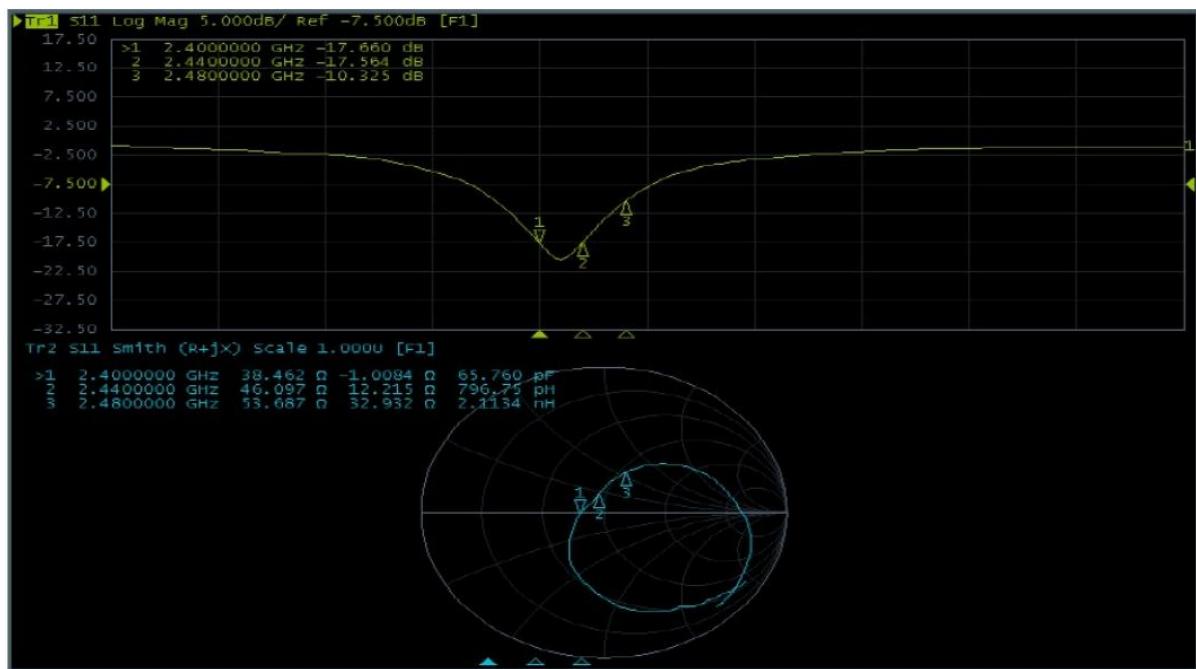
**Manufacturer:** Shenzhen Narig Bio-Medical Technology Co., Ltd.

**Address:** 1007 Room, A Building of Quanju High-Tech Industrial Park, No. 21 Pinggang Industrial Avenue, Jiangshi Road, Gongming County, Guangming District, 518106 Shenzhen City, Guangdong, PEOPLE'S REPUBLIC OF CHINA

## 2. Antenna Length

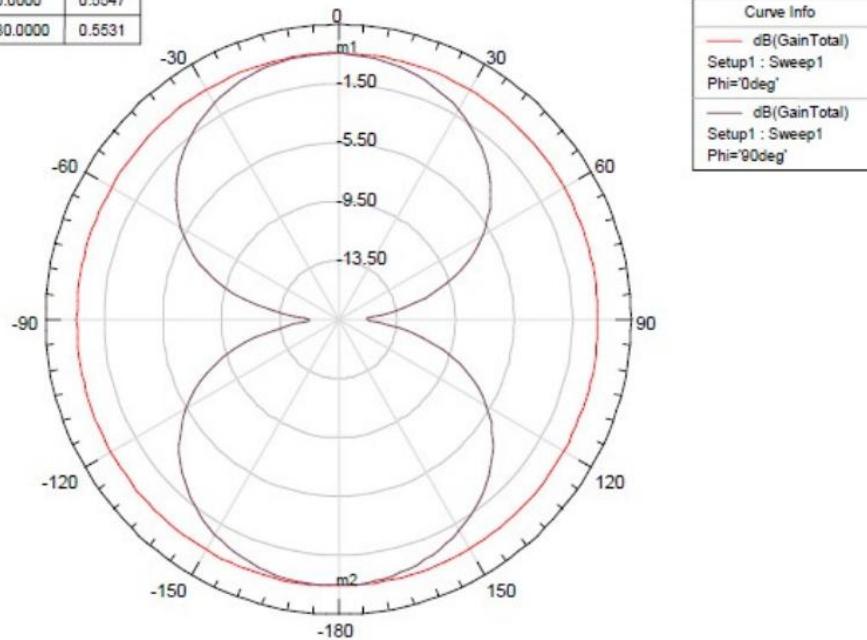


## 3. Antenna performance

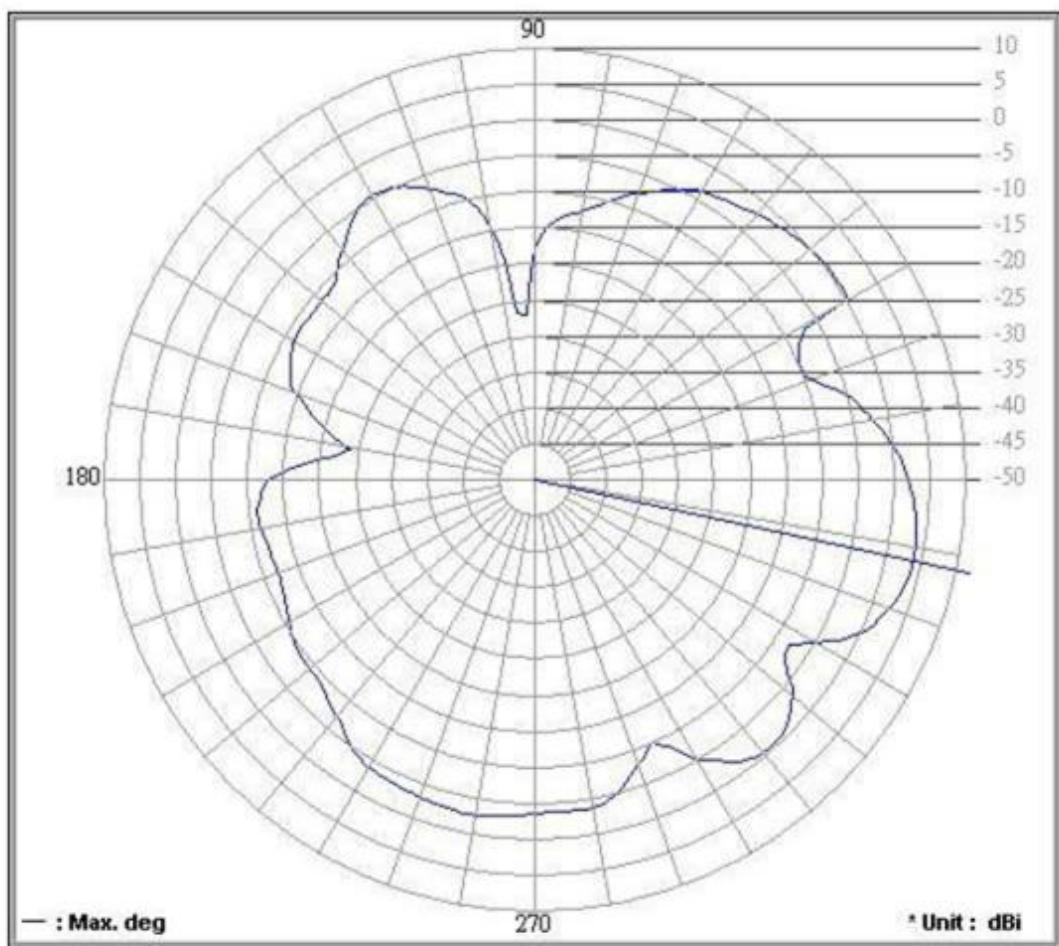


#### 4. Directed graph

Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



#### 5. Test Data

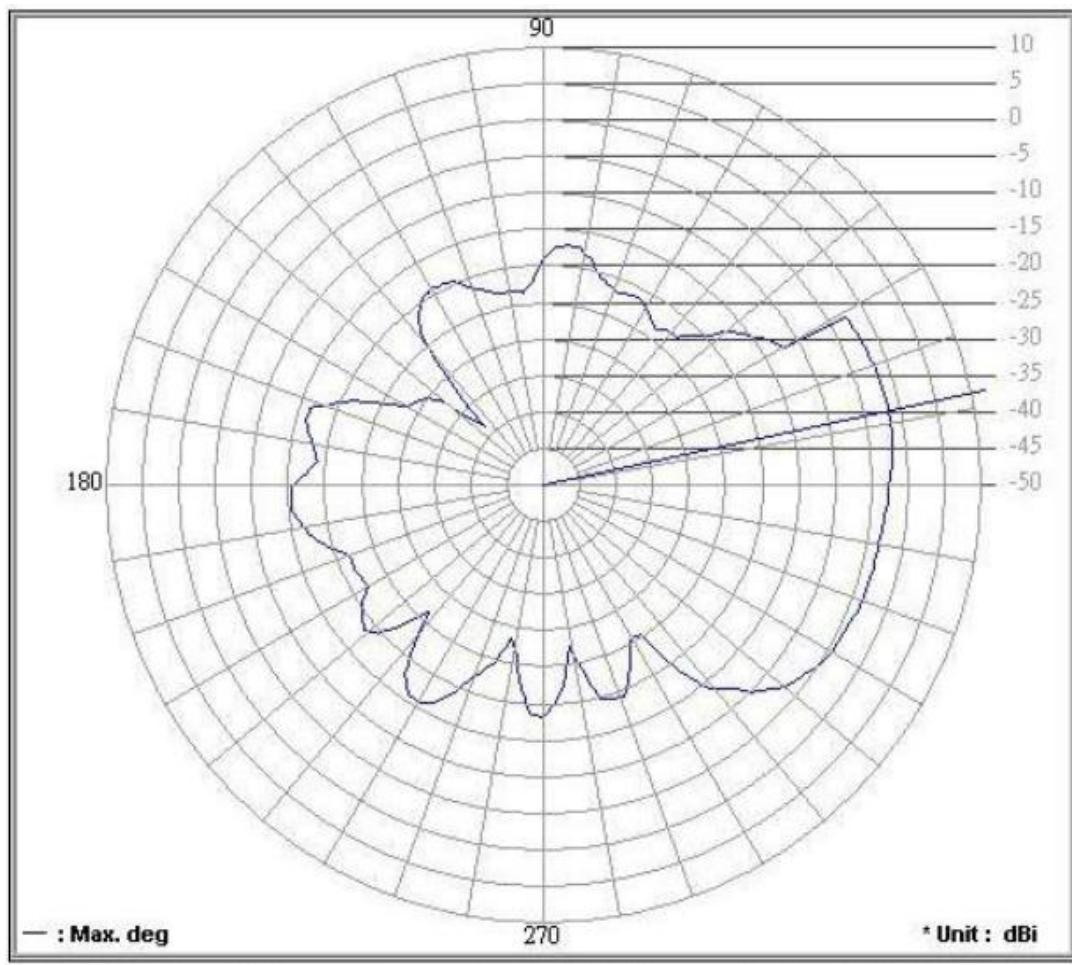


Frequency (MHz): **2402.00**      Antenna Polarity: **Horizontal**      Average Gain (dB): **-3.64**

Maximum Gain (dB): **1.85**      Maximum Gain (degree): **348**

Minimum Gain (dB): **-27.08**      Minimum Gain (degree): **93**

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

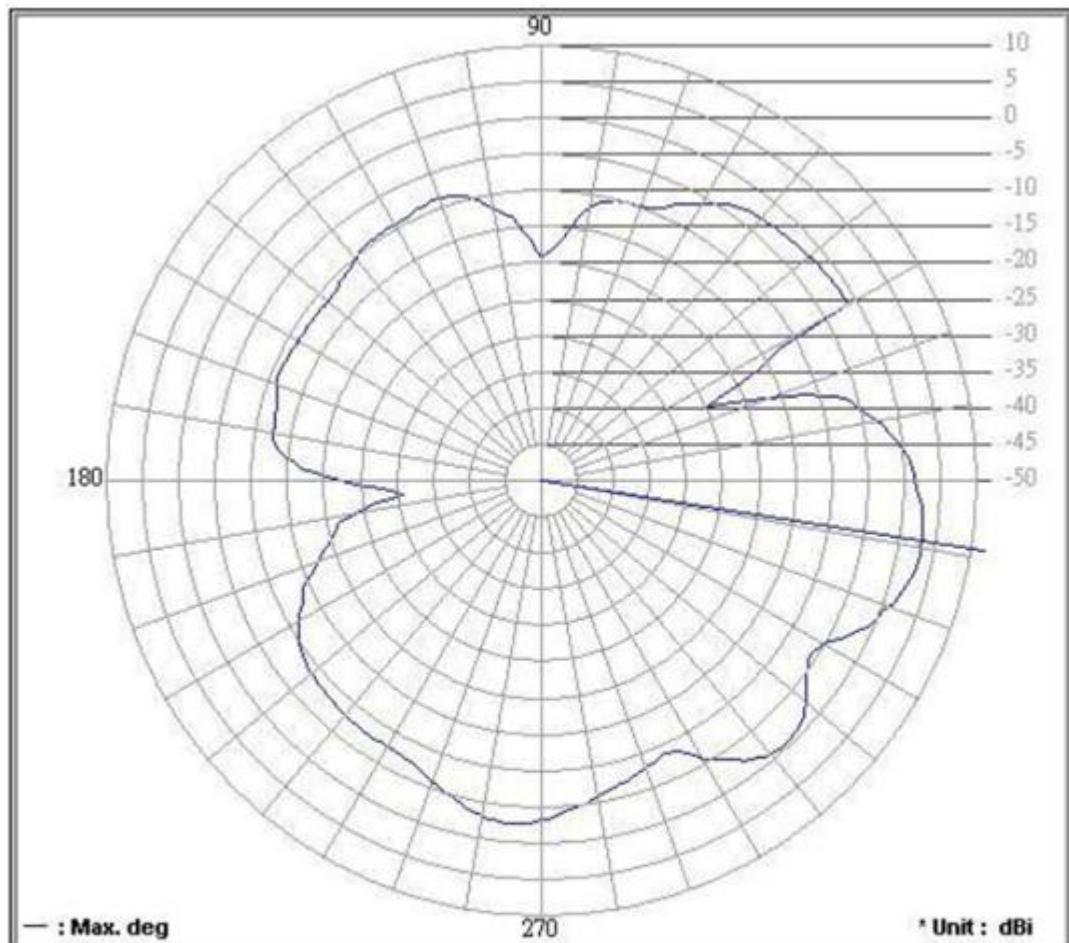


Frequency (MHz) : **2402.00**      Antenna Polarity : **Vertical**      Average Gain (dB) : **-9.57**

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

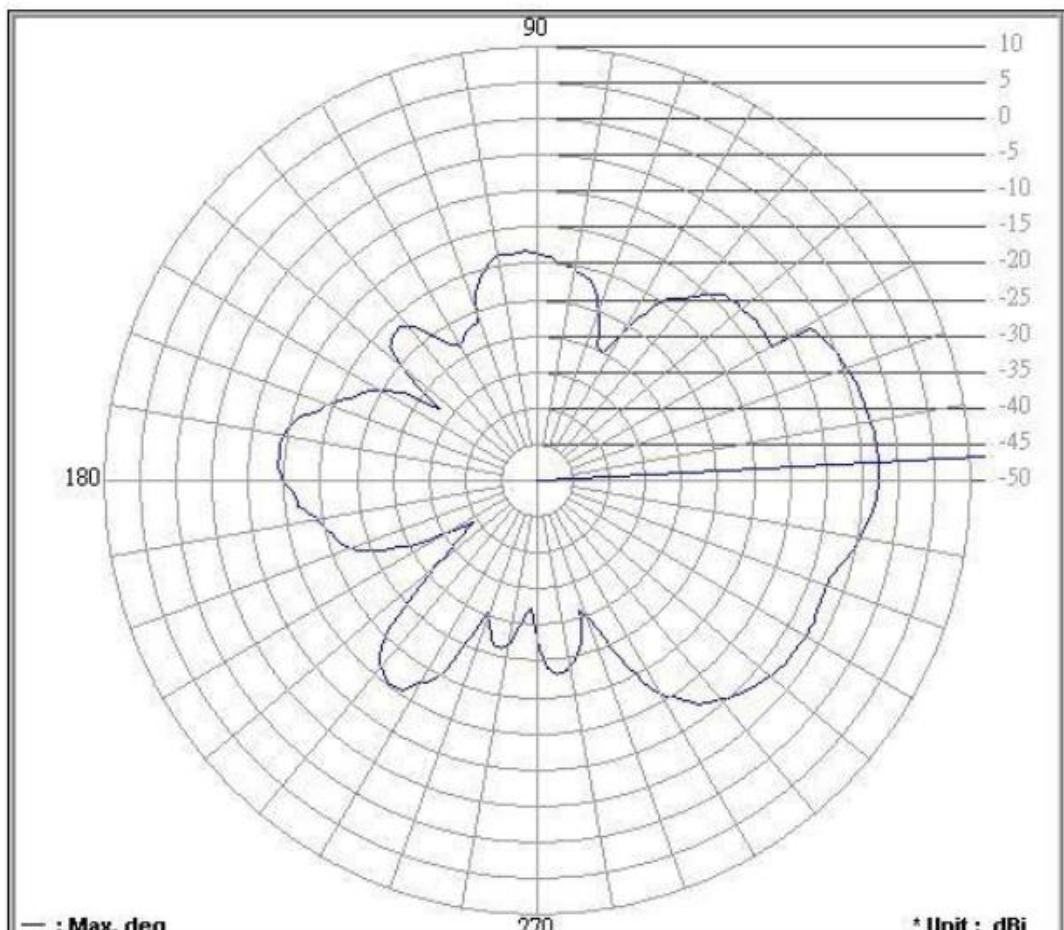
Maximum Gain (dB): **1.82**

Maximum Gain (degree): 351

Minimum Gain (dB): -30.92

Minimum Gain (degree) : 186

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Frequency (MHz) : **2441.00**

Antenna Polarity : **Vertical**

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

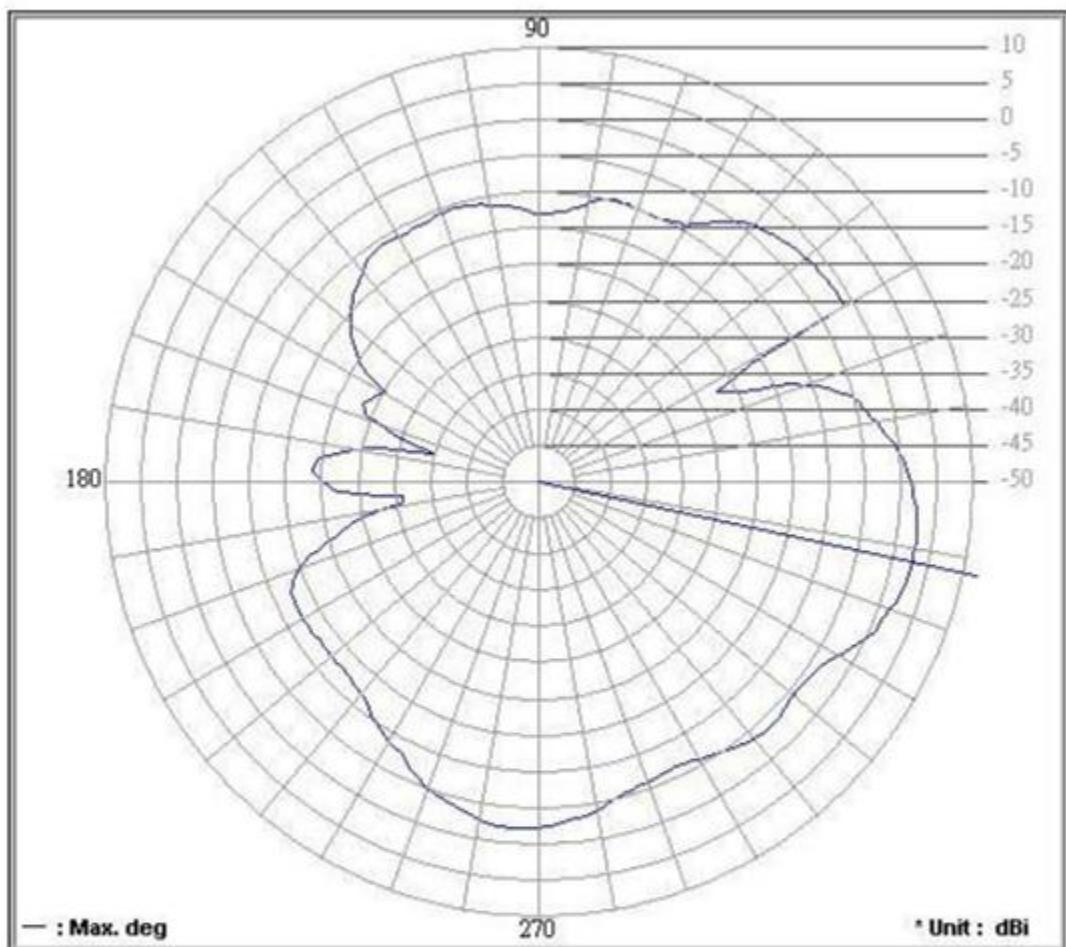
Maximum Gain (dB) : **-2.58**

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**

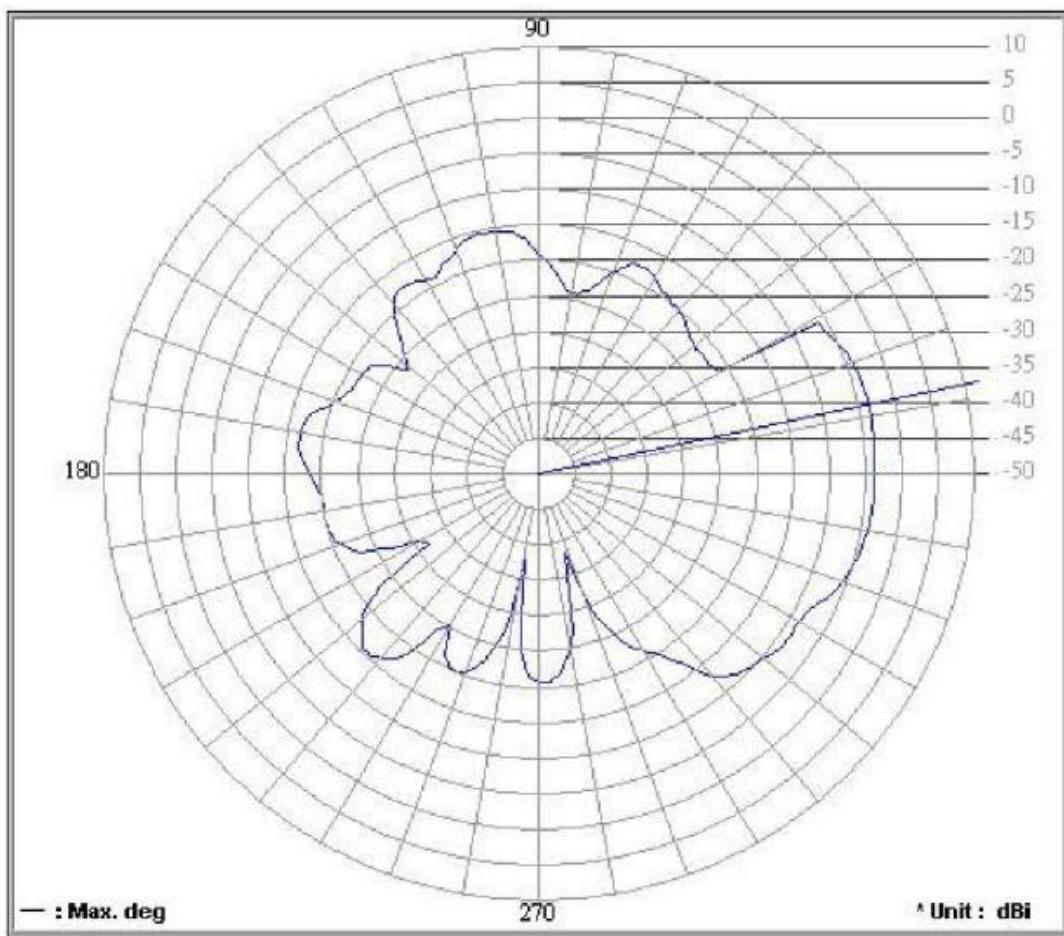
Maximum Gain (dB) : **1.80**

Maximum Gain (degree) : **348**

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

Minimum Gain (degree) : **165**

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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
<b>2402 MHz</b>	<b>H</b>	<b>1.85 dBi</b>
	<b>V</b>	<b>-1.54 dBi</b>
<b>2441 MHz</b>	<b>H</b>	<b>1.82 dBi</b>
	<b>V</b>	<b>-2.58 dBi</b>
<b>2479 MHz</b>	<b>H</b>	<b>1.80 dBi</b>
	<b>V</b>	<b>-3.47 dBi</b>