

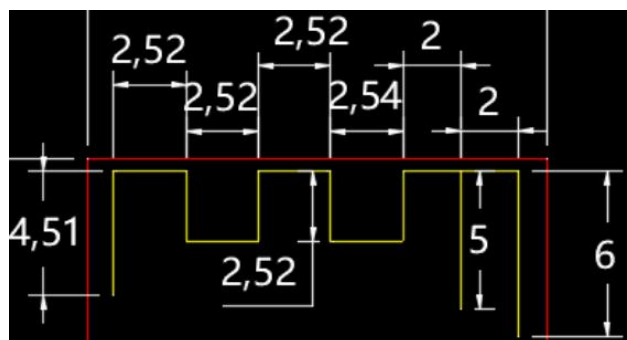
Antenna Specification

Specifications

Summary

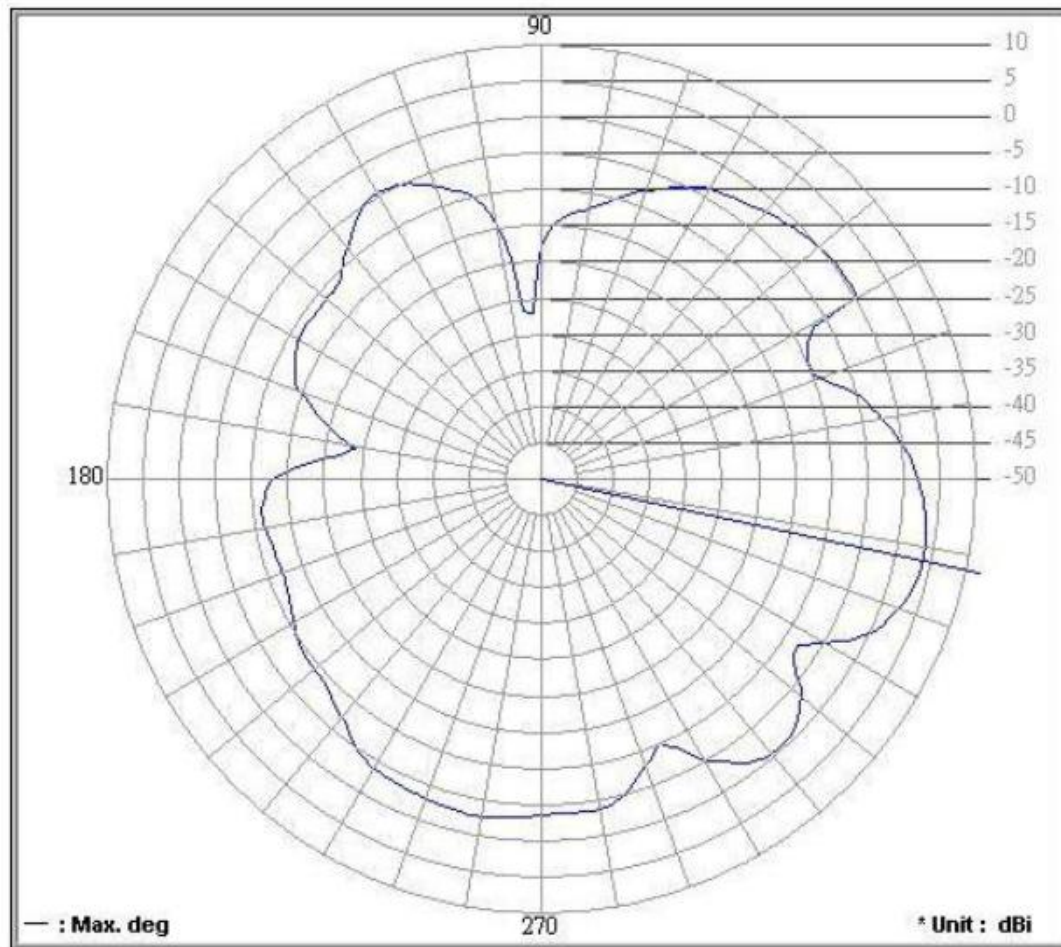
ITEM	SPEC.	
Center Frequency	2402 MHz	3.85 dBi
	2441 MHz	3.18 dBi
	2479 MHz	2.80 dBi
MAX. GAIN	3.85 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	6.6 mm	

Antenna Photo & Length



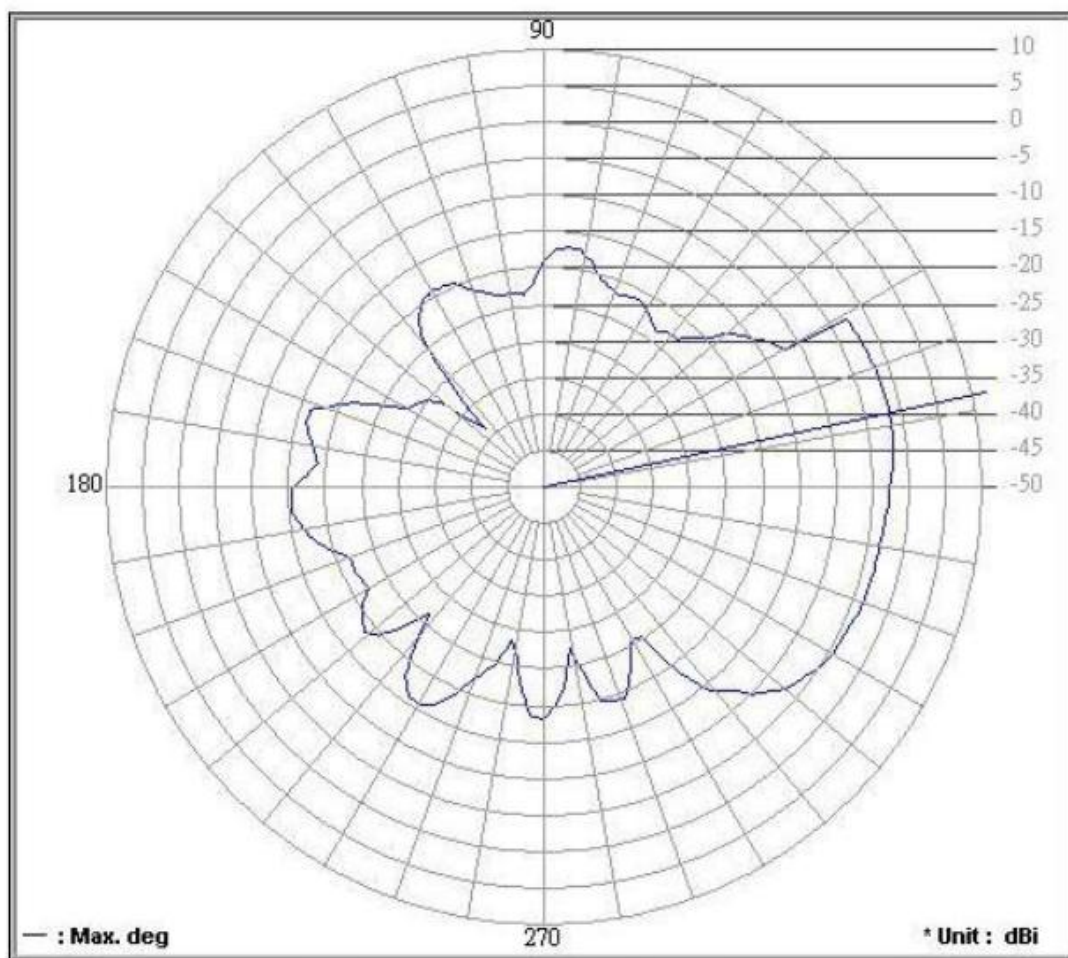
1.Main antenna : 2402 MHz

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**

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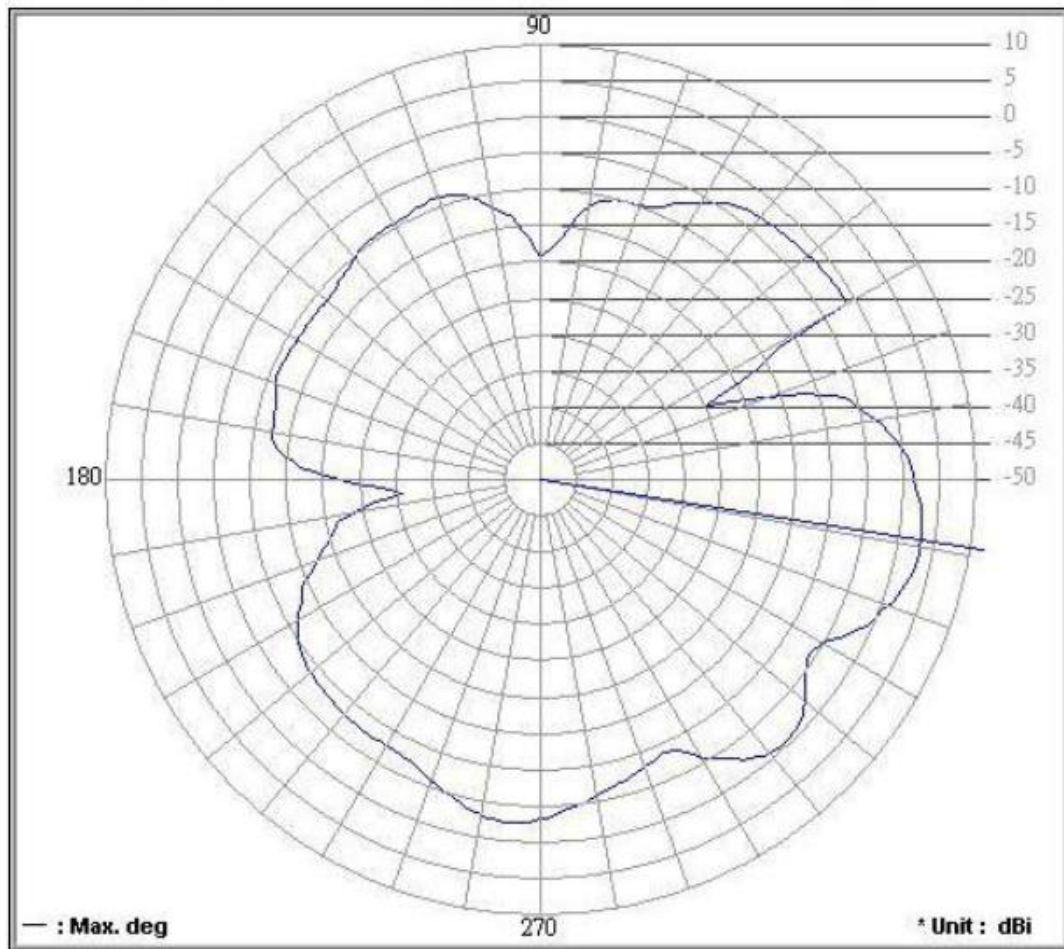
1.2 Vertical

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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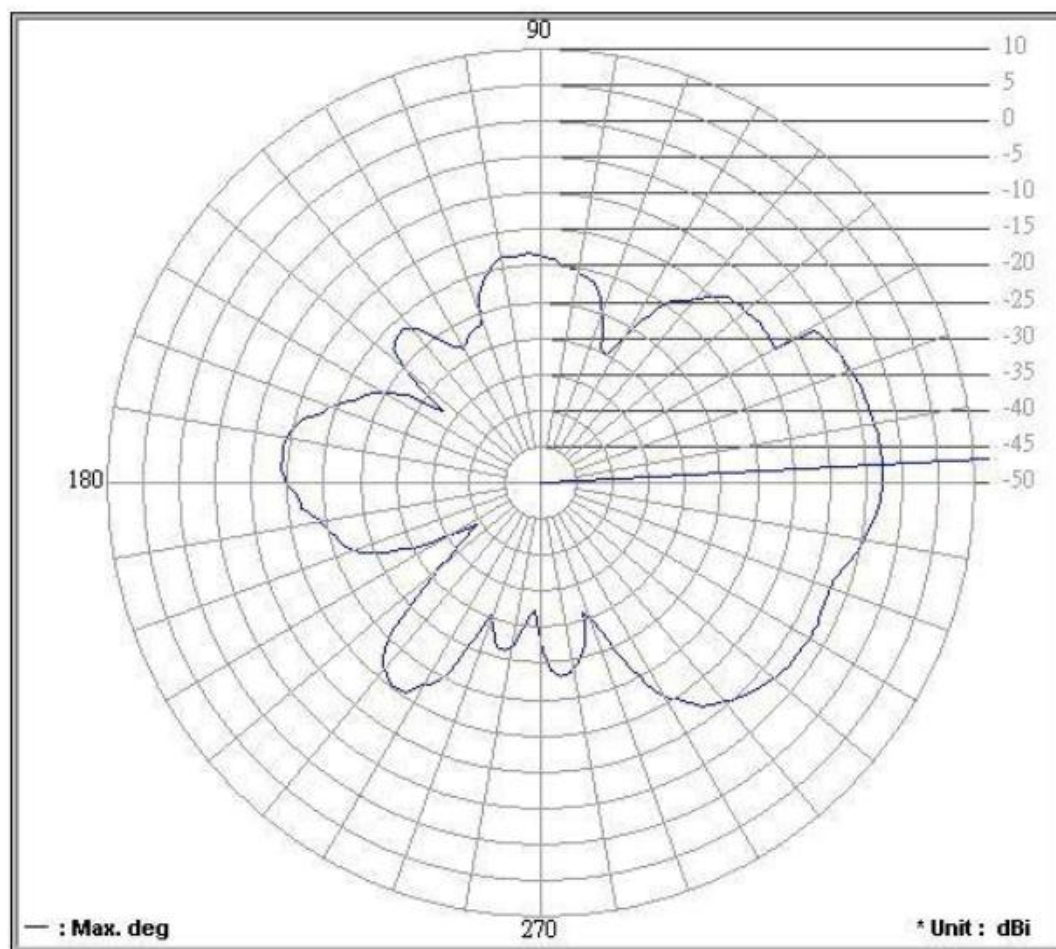
2.Main antenna : 2441MHz

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**

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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**

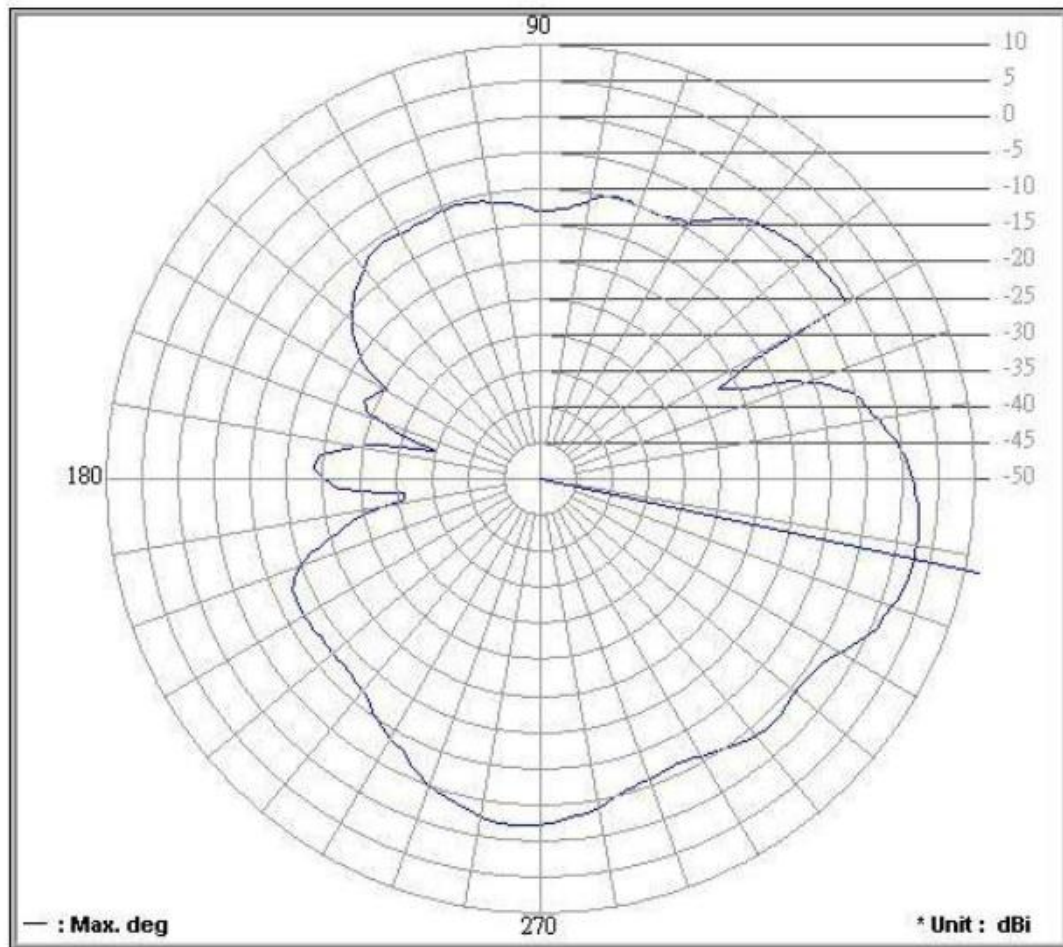
Minimum Gain (dB) : **-39.35**

Minimum Gain (degree) : **213**

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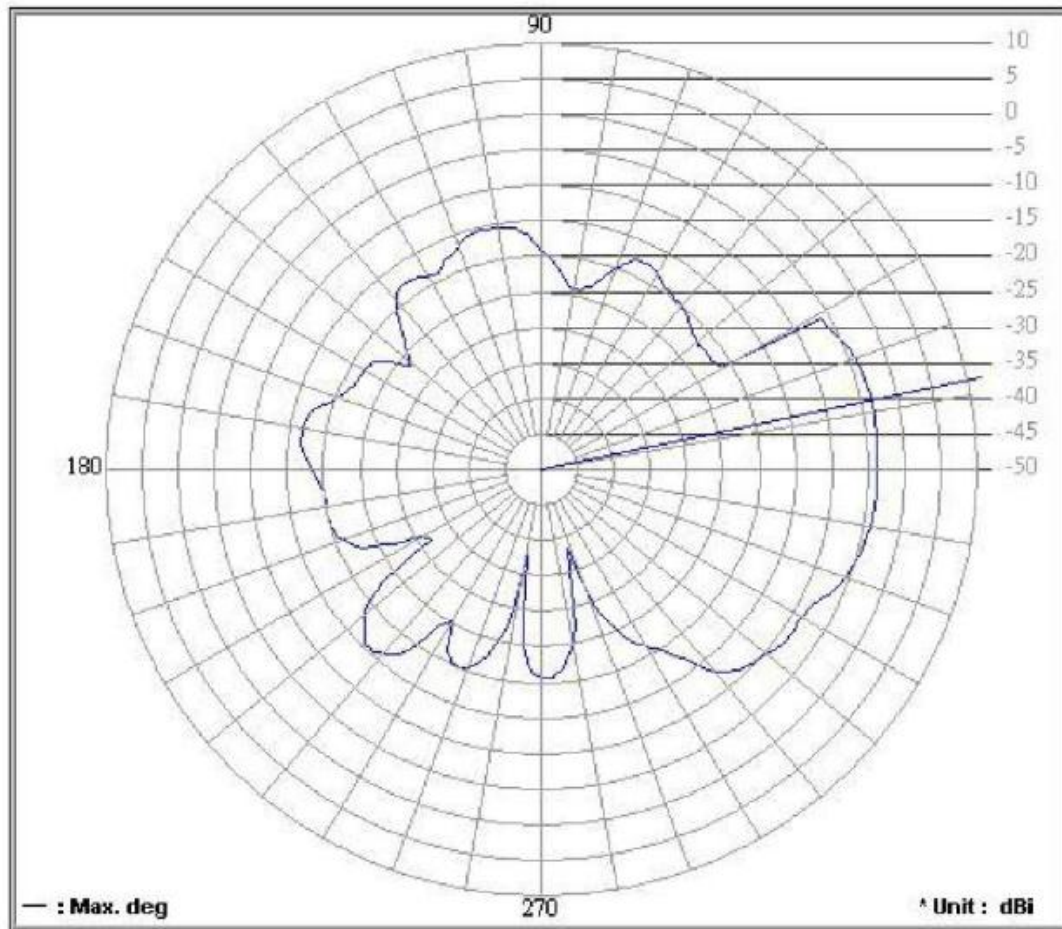
3.Main antenna : 2479 MHz

3.1 Horizontal

Frequency (MHz): **2479.00**Antenna Polarity: **Horizontal**Average Gain (dB): **-4.84**Maximum Gain (dB): **2.80**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 (dBi) : **-11.34**Maximum Gain (dBi) : **-3.47**Maximum Gain (degree) : **12**Minimum Gain (dBi) : **-38.33**Minimum Gain (degree) : **288**

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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
2479 MHz	H	2.80 dBi
	V	-3.47 dBi