

Antenna Specification

Model: X7

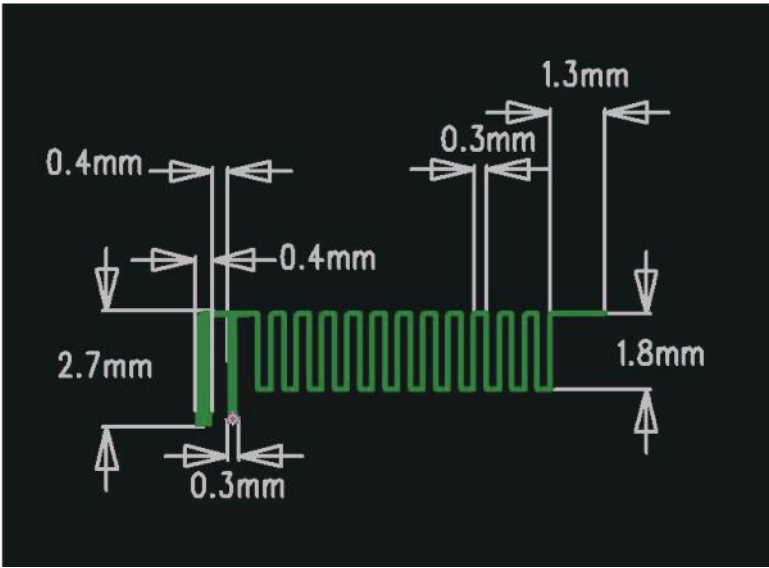
Manufacturer: Shenzhen Jinyingzi Technology Co., Ltd

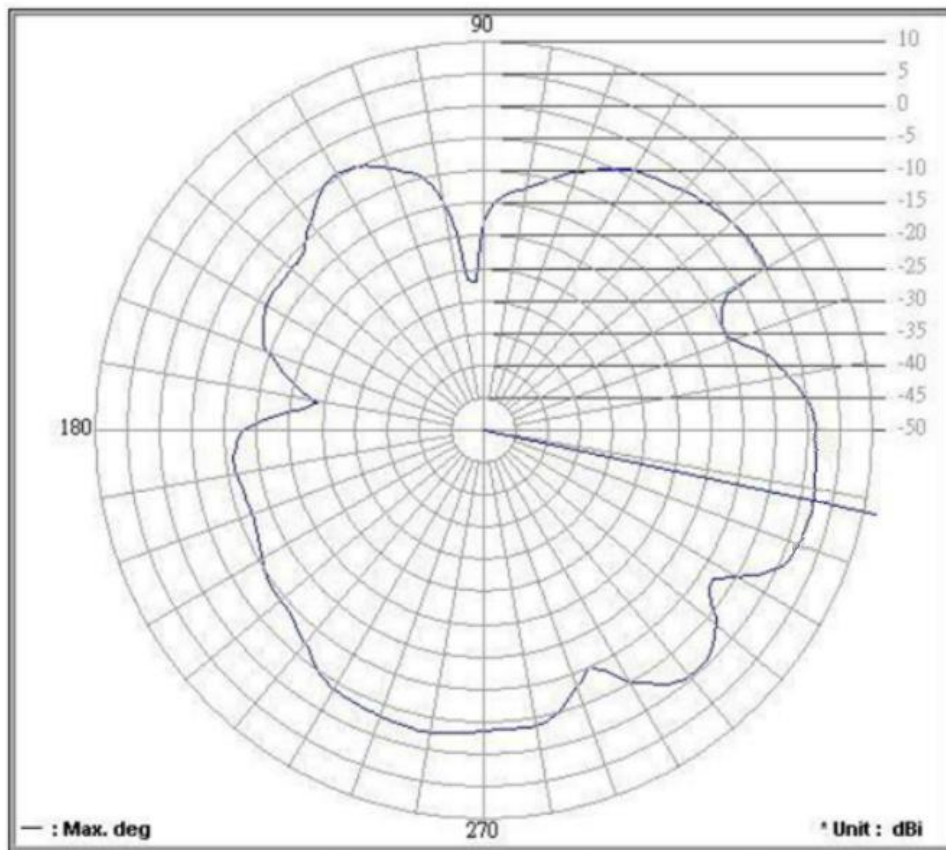
Specifications

Summary

ITEM	SPEC.	
Center Frequency	2402 MHz	1.85 dBi
	2441 MHz	1.82 dBi
	2480 MHz	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





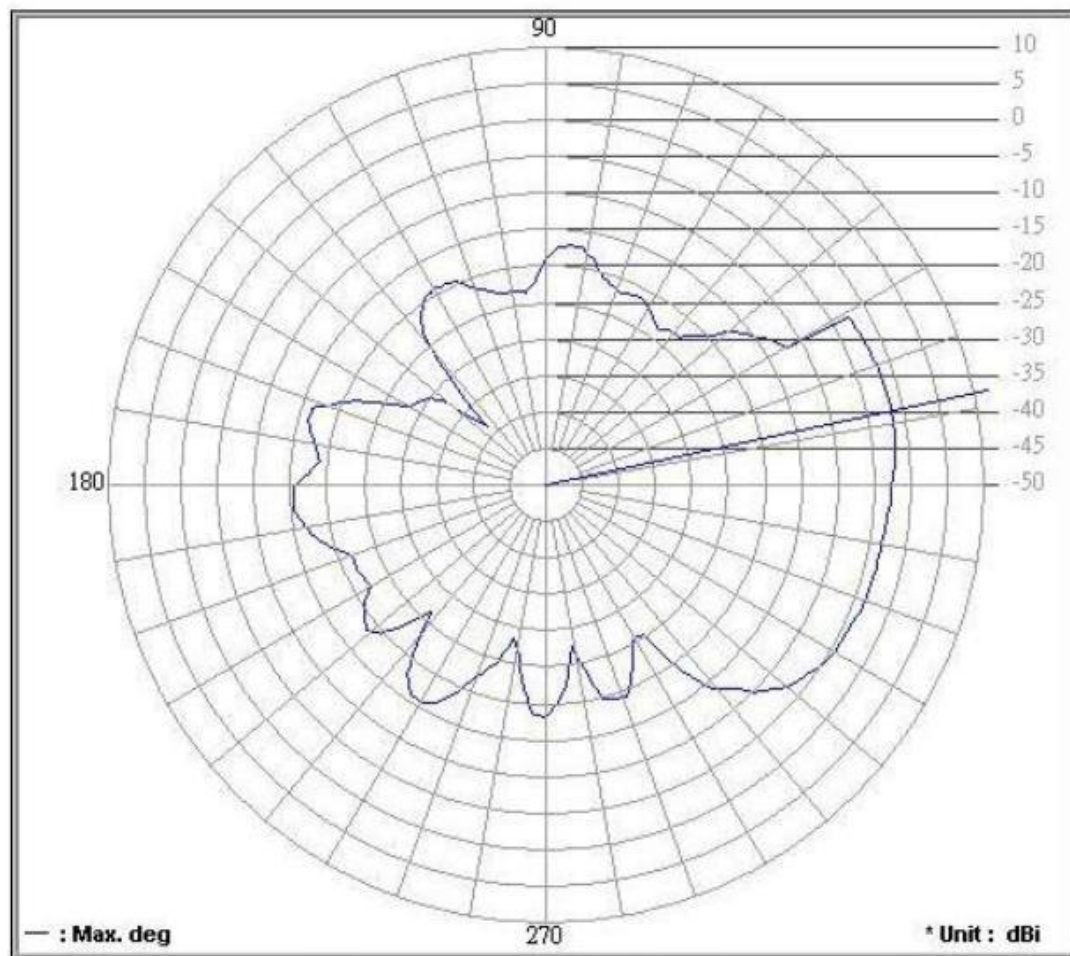
Frequency (MHz): **2402.00** Antenna Polarity: **Horizontal** Average Gain (dB): **-3.64**

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

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

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

1.2 Vertical



Frequency (MHz): **2402.00**

Antenna Polarity: **Vertical**

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

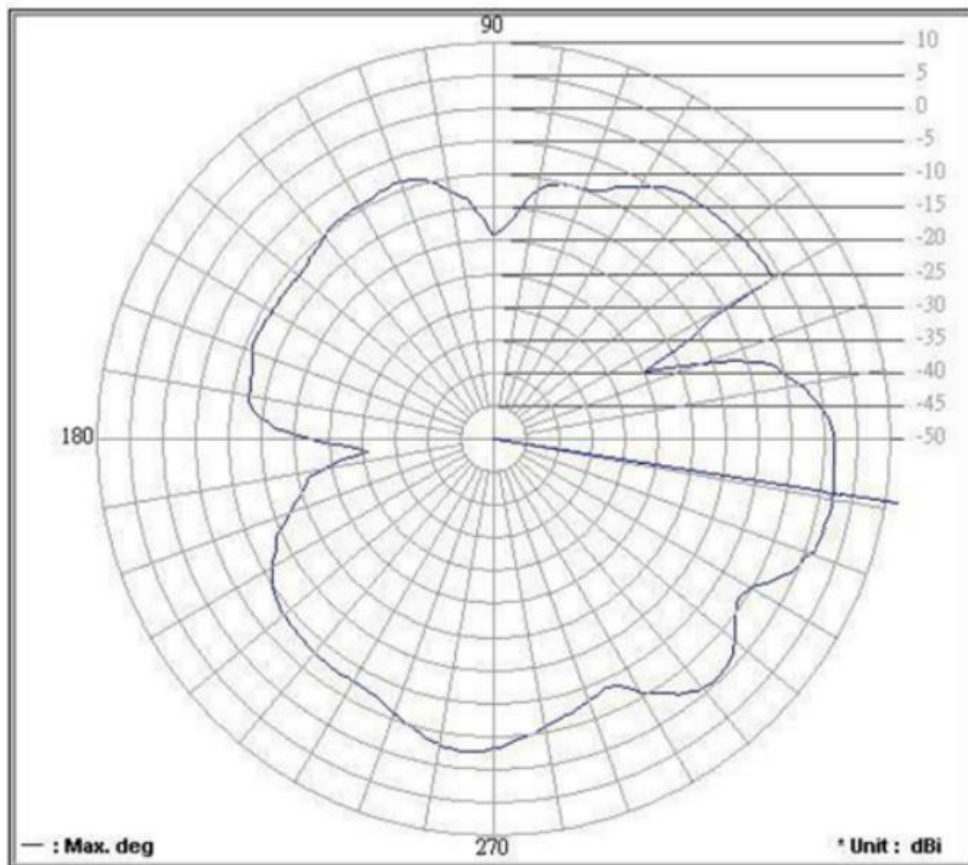
Maximum Gain (dB): **-1.54**

Maximum Gain (degree): **12**

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

Minimum Gain (degree): **135**

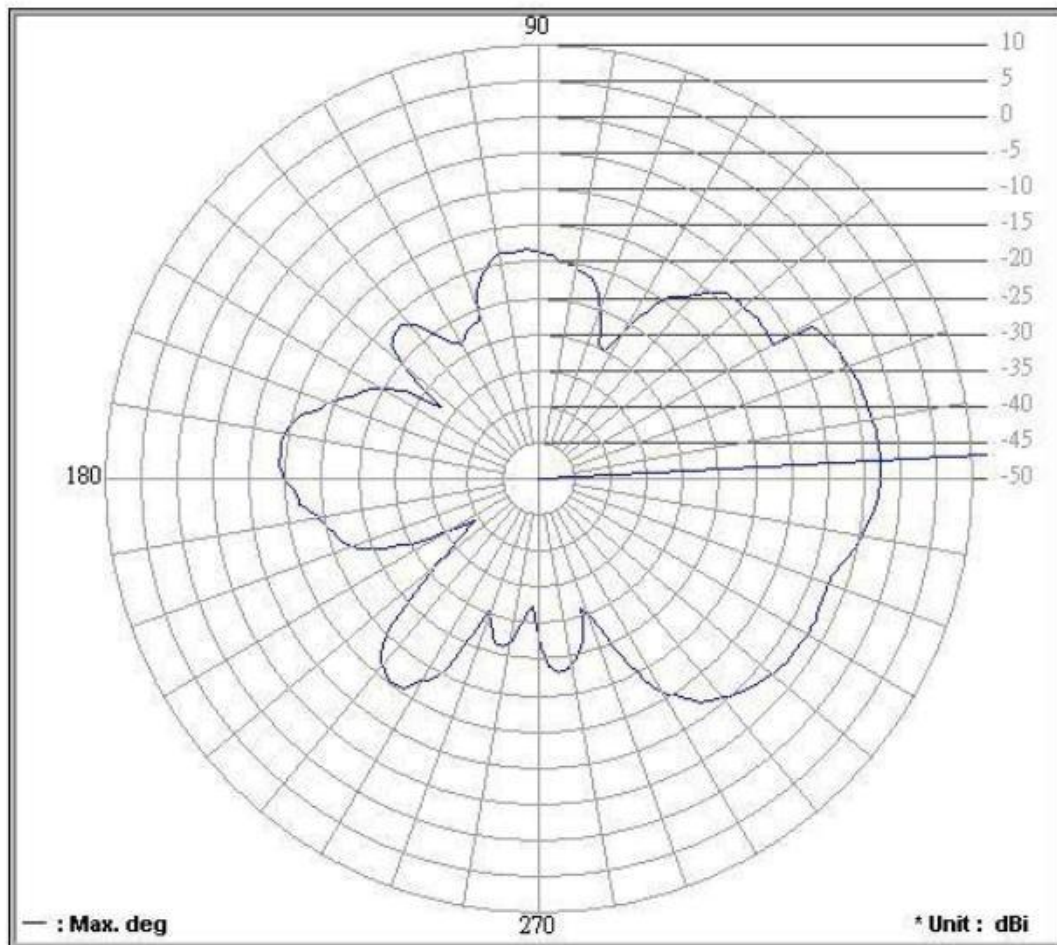
C:\Antenna Pattern V5.0\Graph\0818\08180024.png



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**

C:\Antenna Pattern V5.0\Graph\0818\08180020.png

2.2 Vertical



Frequency (MHz) : **2441.00**

Antenna Polarity : **Vertical**

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

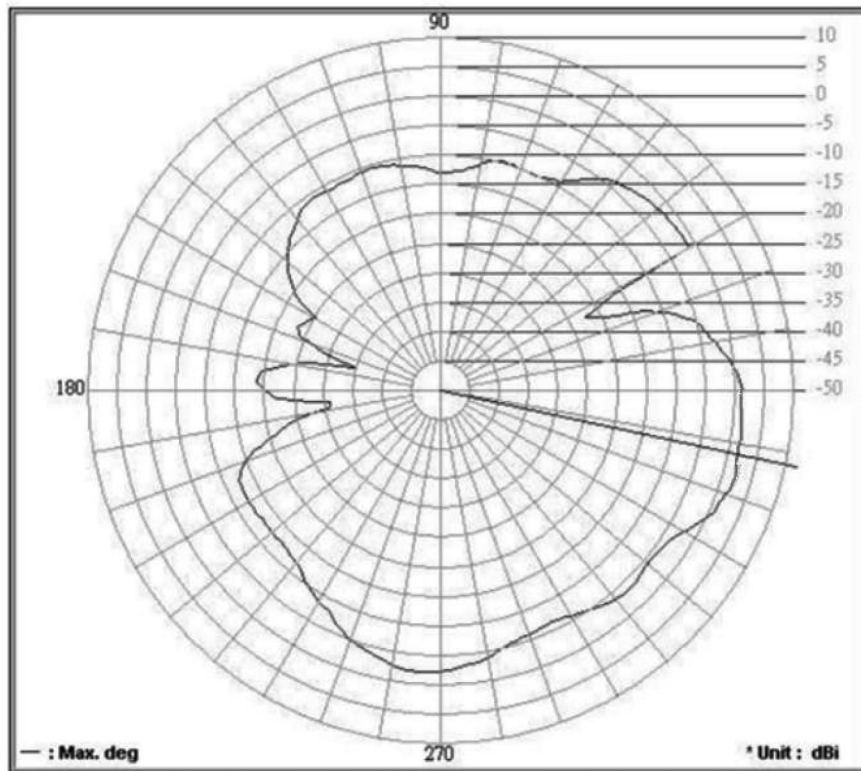
Maximum Gain (dB) : **-2.58**

Maximum Gain (degree) : **3**

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

Minimum Gain (degree) : **213**

C:\Antenna Pattern V5.0\Graph\0818\08180023.png



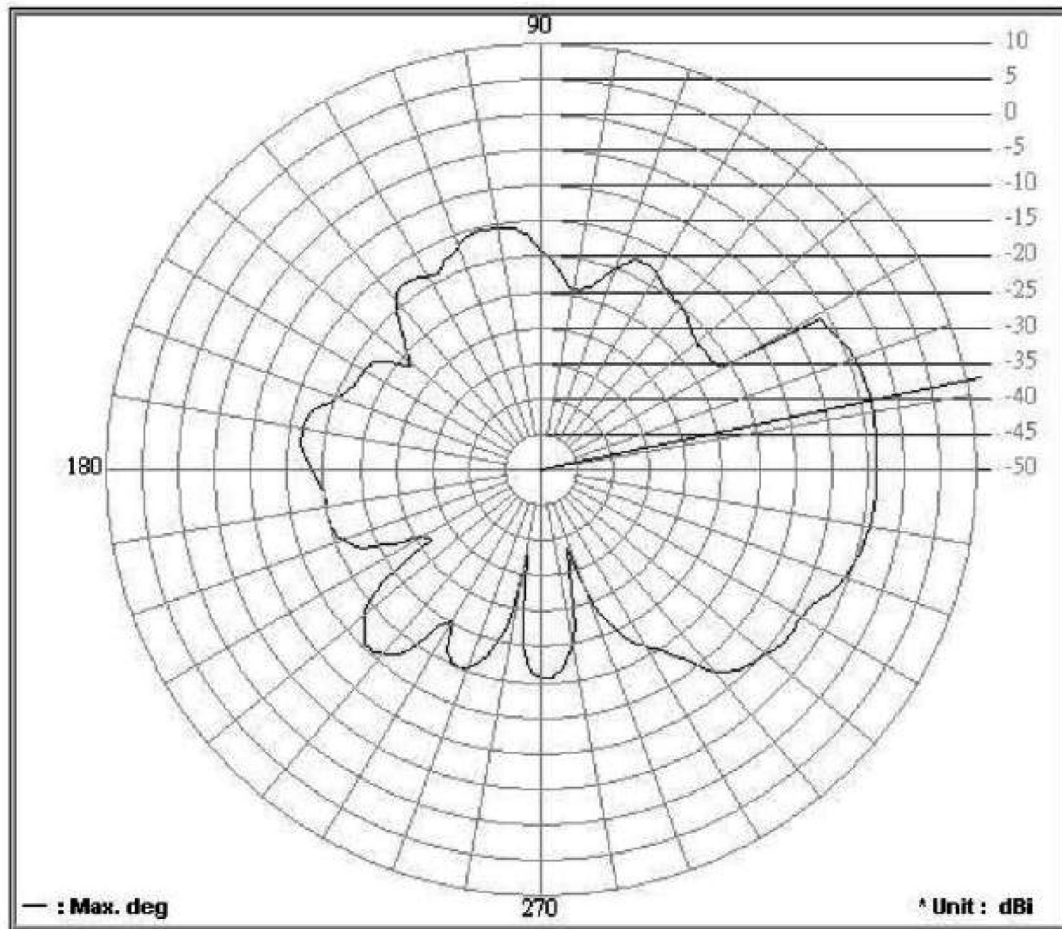
Frequency (MHz) : **2480.00** Antenna Polarity : **Horizontal** Average Gain (dB) : **-4.84**

Maximum Gain (dB) : **1.80** Maximum Gain (degree) : **348**

Minimum Gain (dB) : **-34.80** Minimum Gain (degree) : **165**

C:\Antenna Pattern V5.0\Graph\0818\08180021.png

3.2 Vertical



Frequency (MHz) : **2480.00**

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**

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

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