

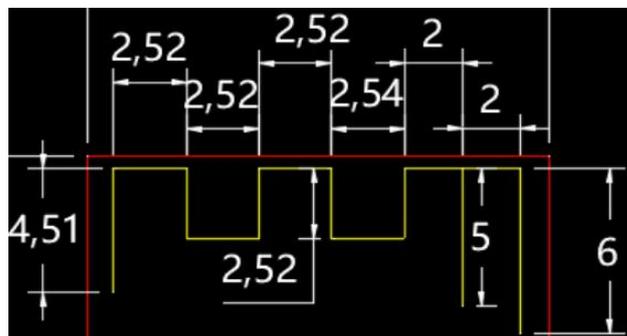
Antenna Specification

Specifications

Summary

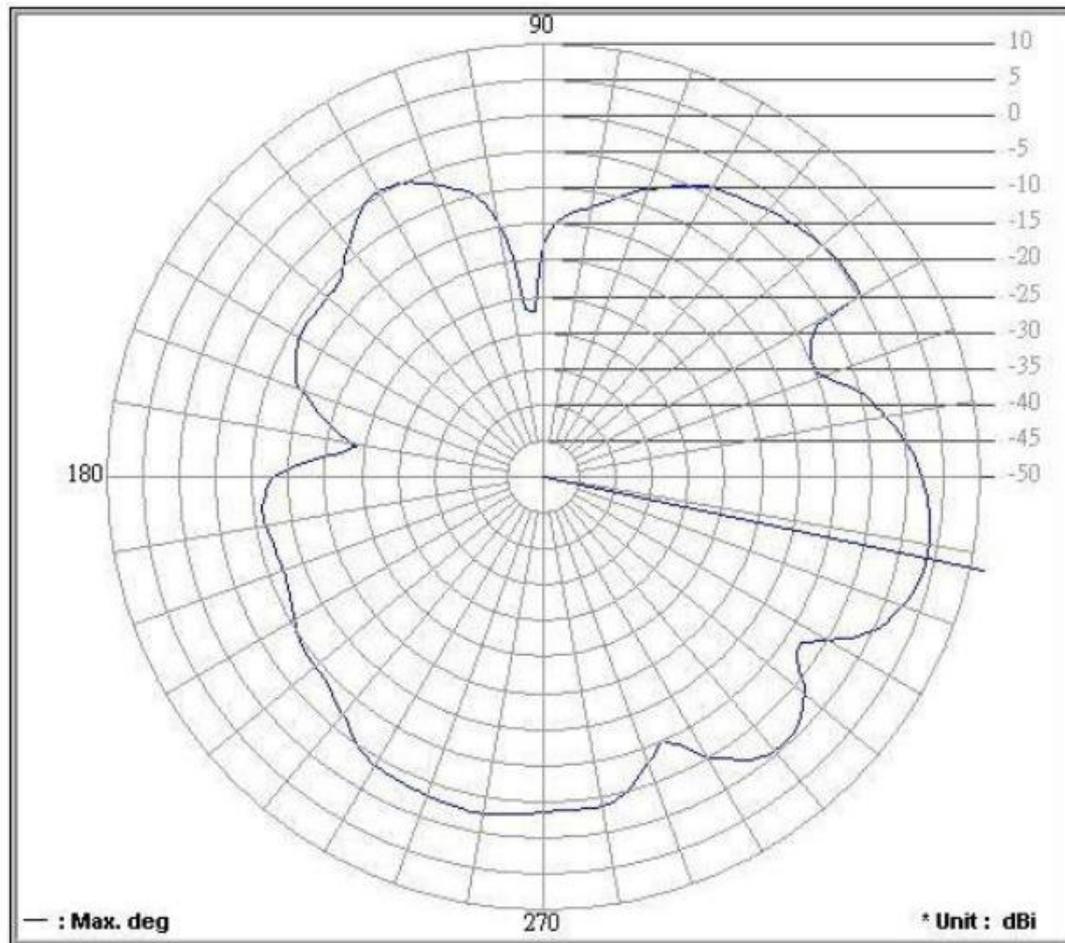
ITEM	SPEC.	
Center Frequency	2400 MHz 2440 MHz 2480 MHz	3.85 dBi 3.18 dBi 2.80 dBi
MAX. GAIN	3.85 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	6.6 mm	

Antenna Photo & Length



1.Main antenna : 2400 MHz

1.1 Horizontal

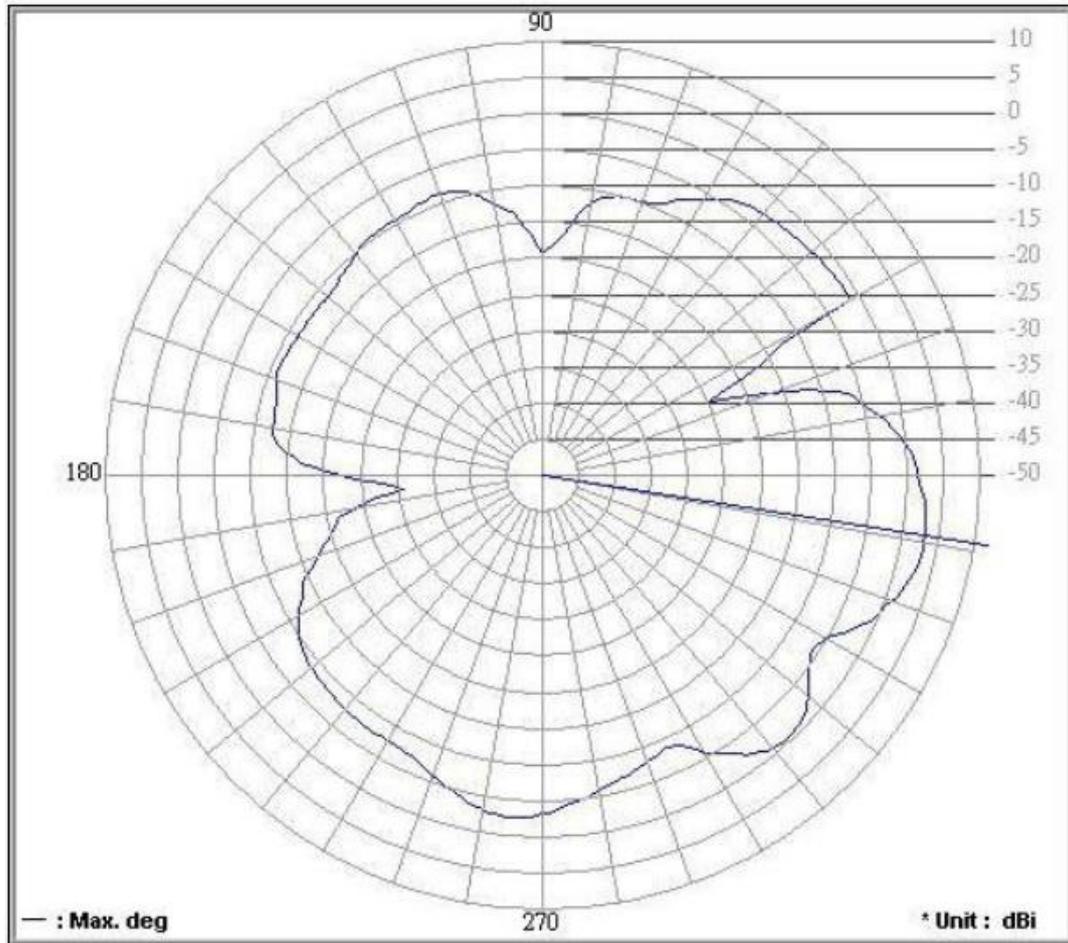


Frequency (MHz):	2400.00	Antenna Polarity:	Horizontal	Average Gain (dB):	-3.64
Maximum Gain (dB):	3.85	Maximum Gain (degree):	348		
Minimum Gain (dB):	-27.08	Minimum Gain (degree):	93		

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

2.Main antenna : 2440MHz

2.1 Horizontal



Frequency (MHz) : **2440.00**

Antenna Polarity : **Horizontal**

Average Gain (dB) : **-4.64**

Maximum Gain (dB) : **3.18**

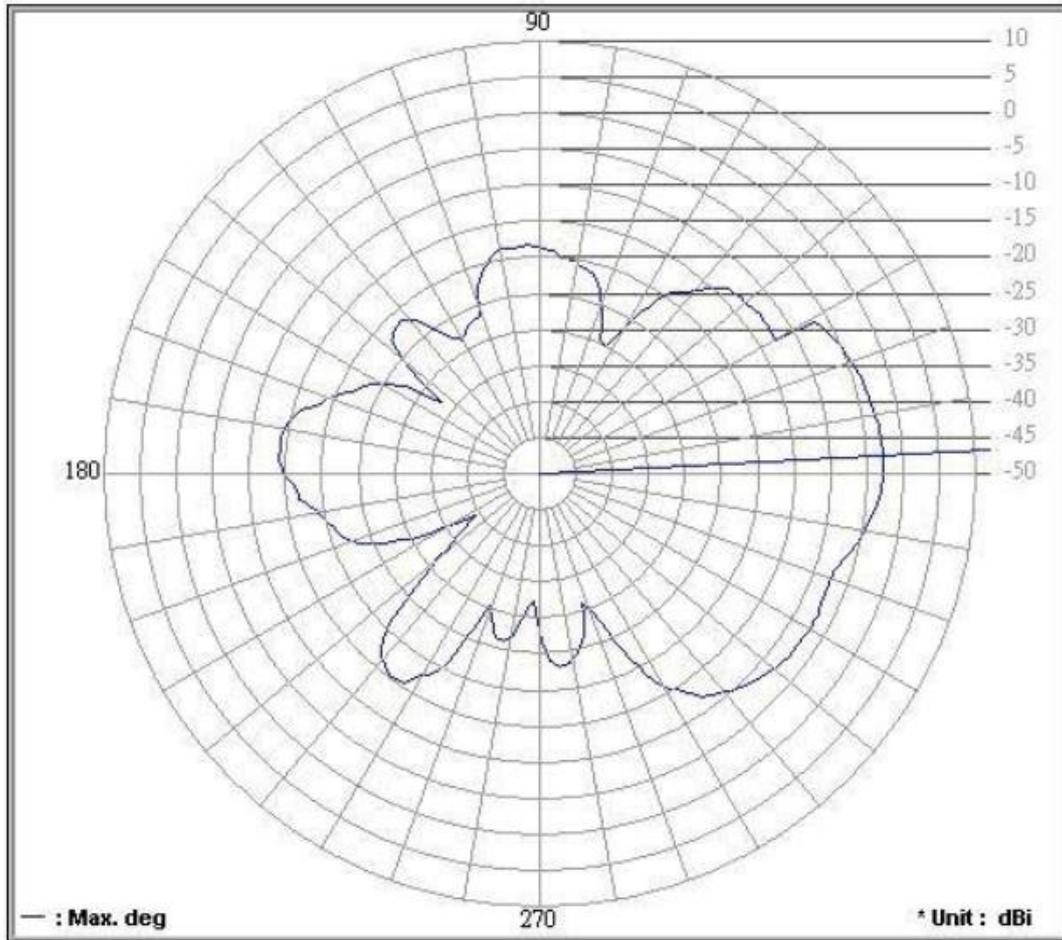
Maximum Gain (degree) : **351**

Minimum Gain (dB) : **-30.92**

Minimum Gain (degree) : **186**

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

2.2 Vertical



Frequency (MHz) : **2440.00**

Antenna Polarity : **Vertical**

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

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

Maximum Gain (degree) : **3**

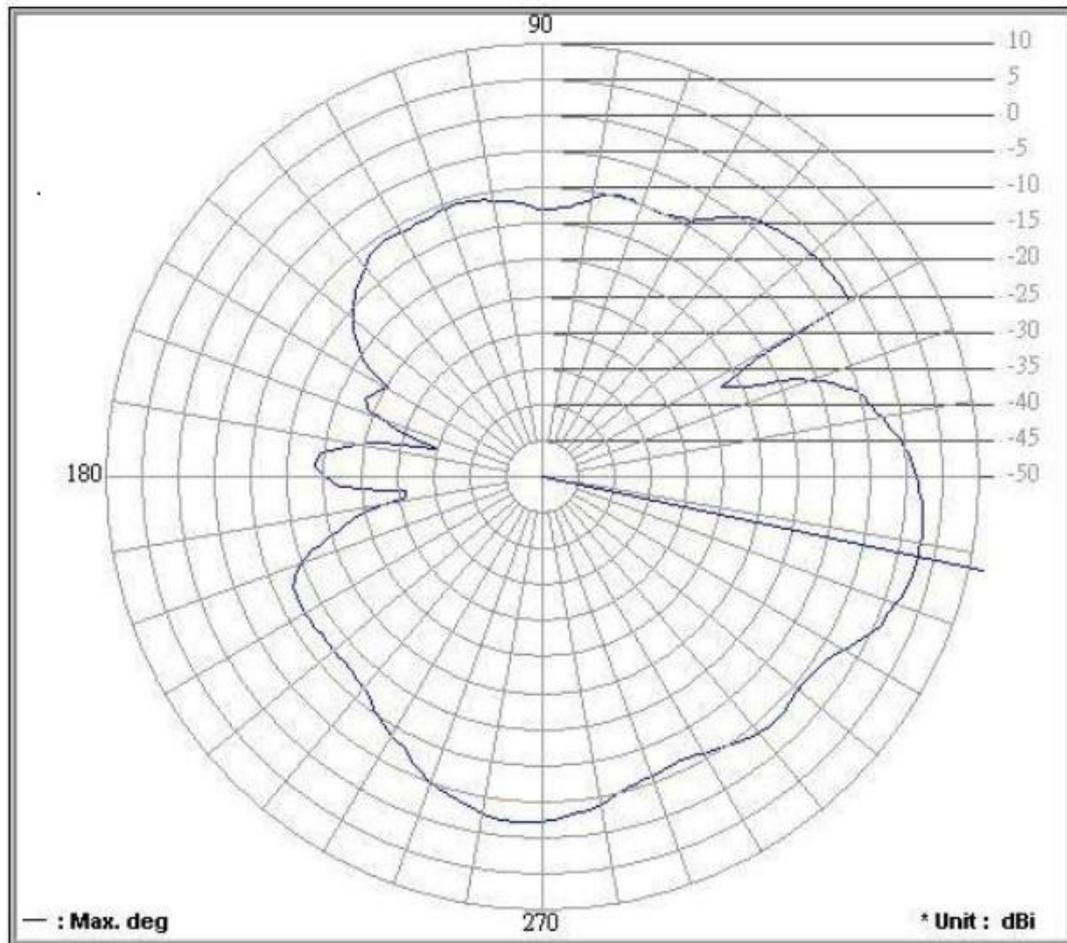
Minimum Gain (dB) : **-39.35**

Minimum Gain (degree) : **213**

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

3.Main antenna : 2480 MHz

3.1 Horizontal



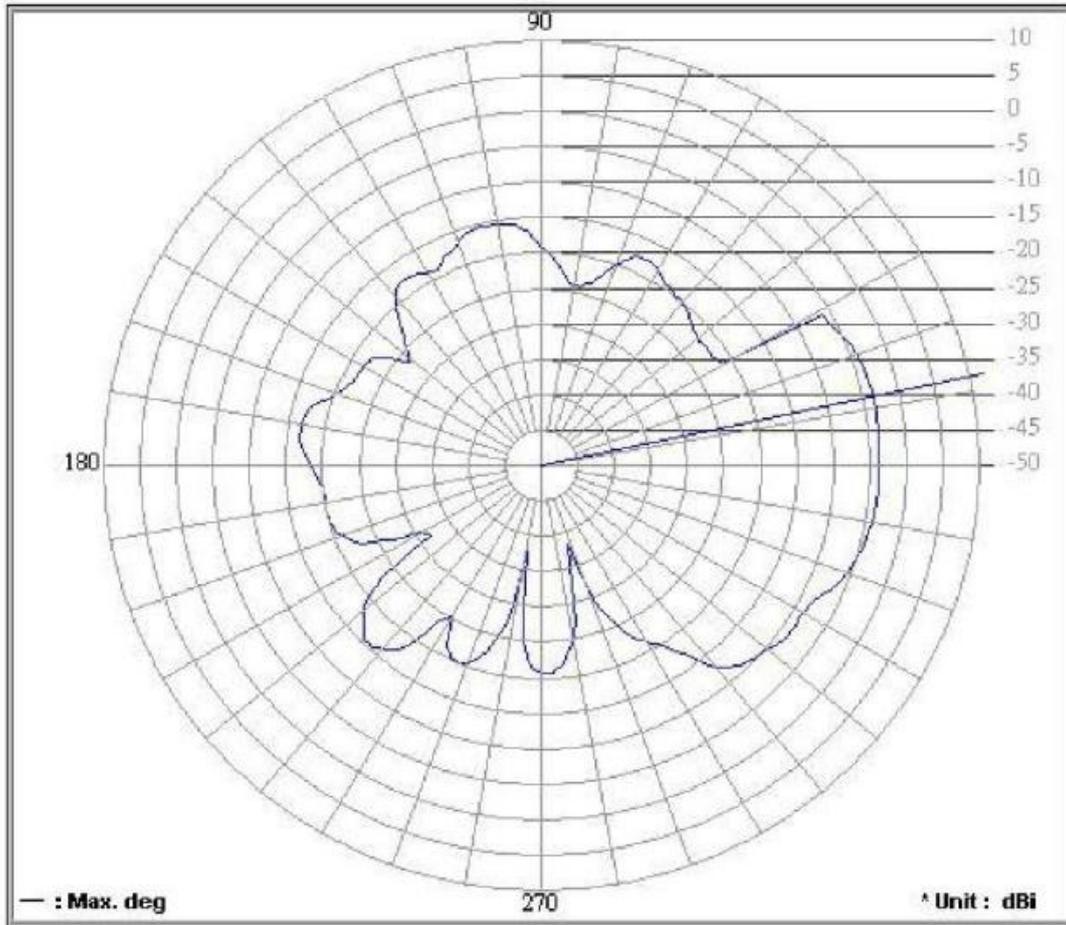
Frequency (MHz): **2480.00** Antenna Polarity : **Horizontal** Average Gain (dB): **-4.84**

Maximum Gain (dB): **2.80** Maximum Gain (degree): **348**

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

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

3.2 Vertical



Frequency (MHz) : **2480.00** Antenna Polarity : **Vertical** Average Gain (dBi) : **-11.34**
 Maximum Gain (dB) : **-3.47** Maximum Gain (degree) : **12**
 Minimum Gain (dB) : **-38.33** Minimum Gain (degree) : **298**

C:\Antenna Pattern V5.0\Graph\0816\08160022.png

4. Result

Center Frequency		Maximum Ant Gain
2400 MHz	H	3.85 dBi
	V	-1.54 dBi
2440 MHz	H	3.18 dBi
	V	-2.58 dBi
2480 MHz	H	2.80 dBi
	V	-3.47 dBi