

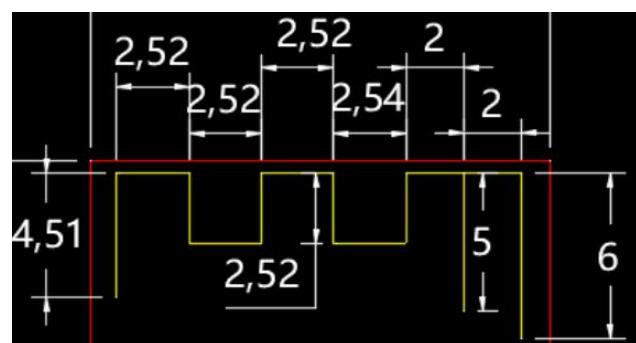
Antenna Specification

Specifications

Summary

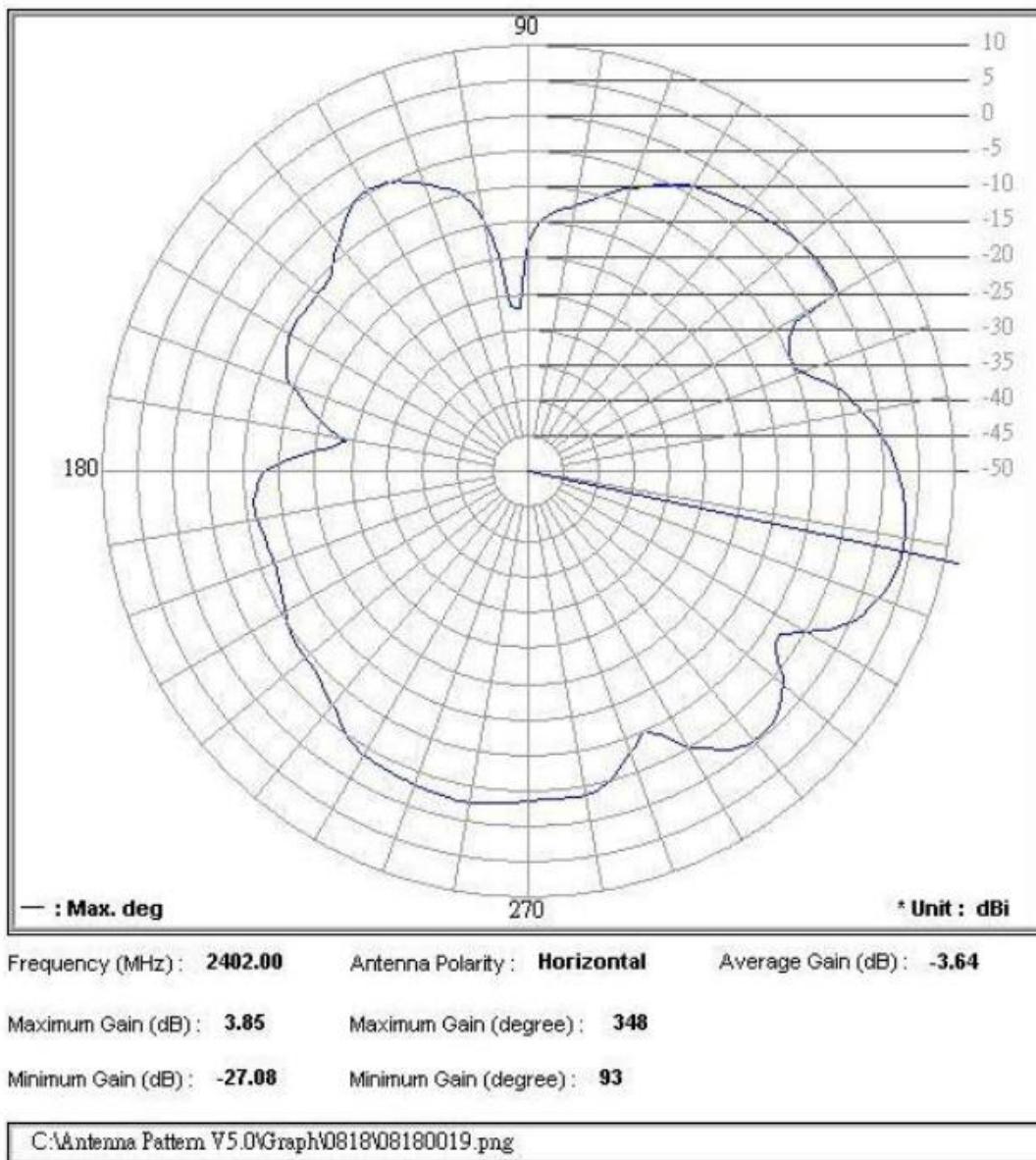
| ITEM | SPEC. | |
|----------------------|----------------------------------|----------------------------------|
| Center Frequency | 2402 MHz 2441 MHz 2479 MHz | 3.85 dBi 3.18 dBi 2.80 dBi |
| MAX. GAIN | 3.85 dBi | |
| Polarization | Horizontal | |
| Azimuth Beam Pattern | Omni-directional | |
| Impedance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

Antenna Photo & Length

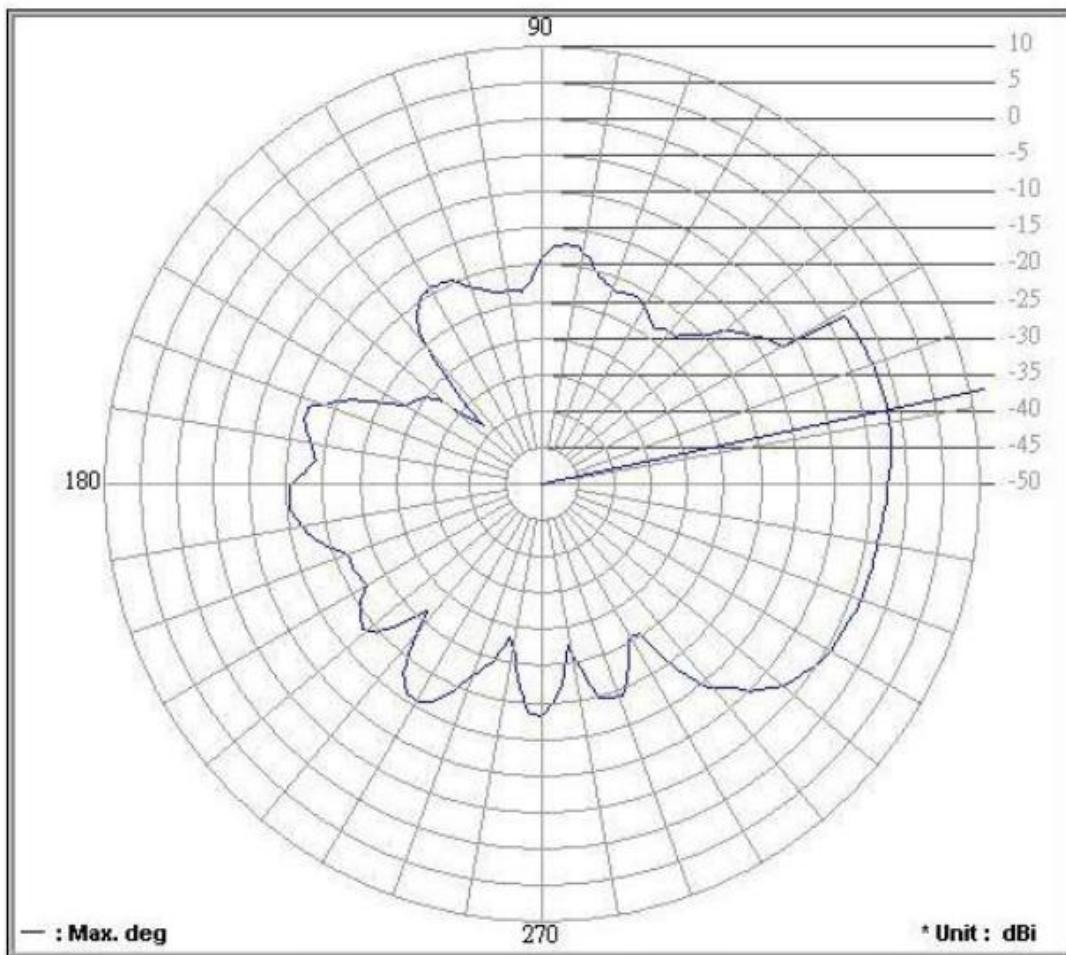


1.Main antenna : 2402 MHz

1.1 Horizontal



1.2Vertical



Frequency (MHz) : 2402.00

Antenna Polarity : Vertical

Average Gain (dB) : -9.57

Maximum Gain (dB) : -1.54

Maximum Gain (degree) : 12

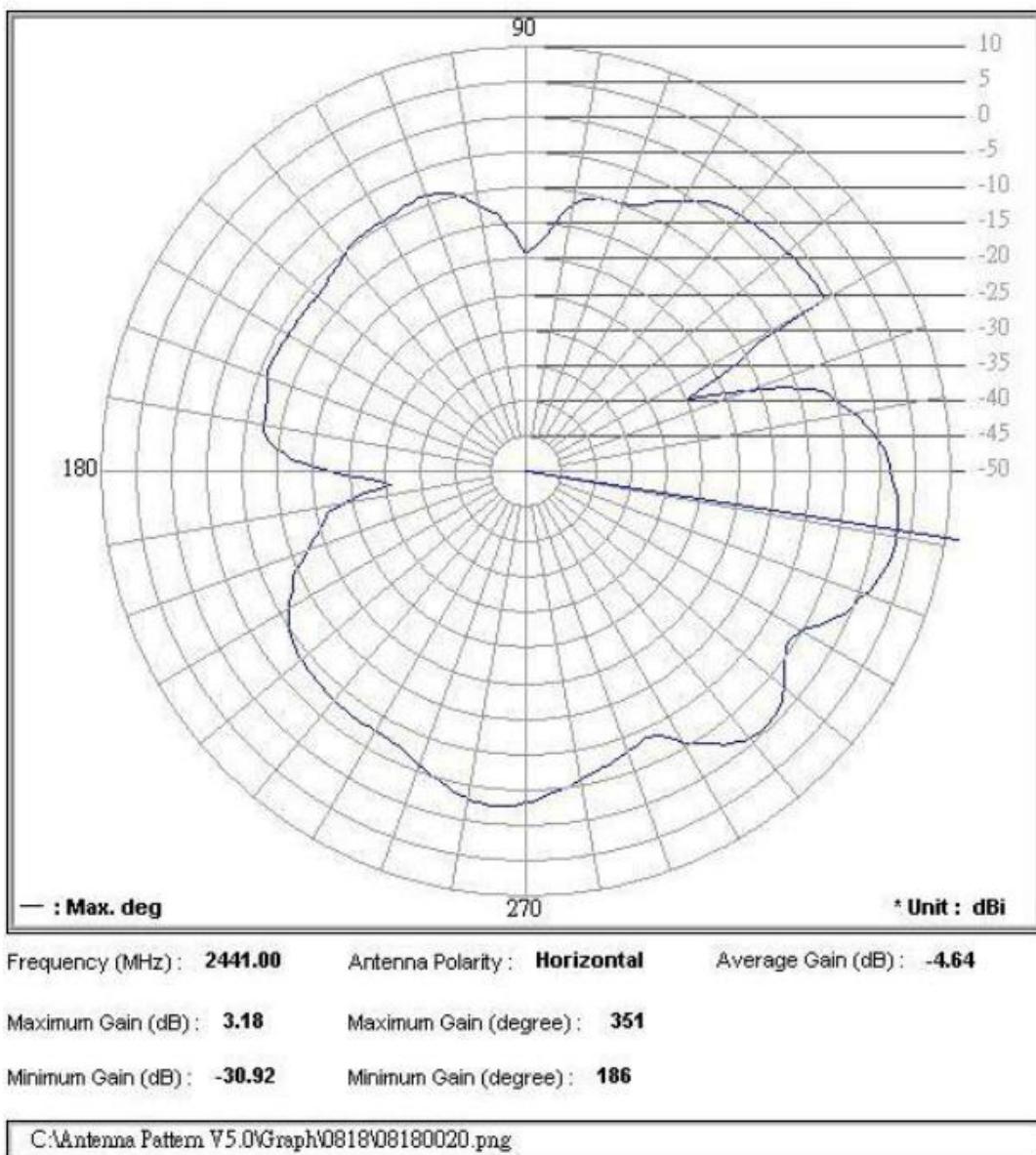
Minimum Gain (dB) : -38.76

Minimum Gain (degree) : 135

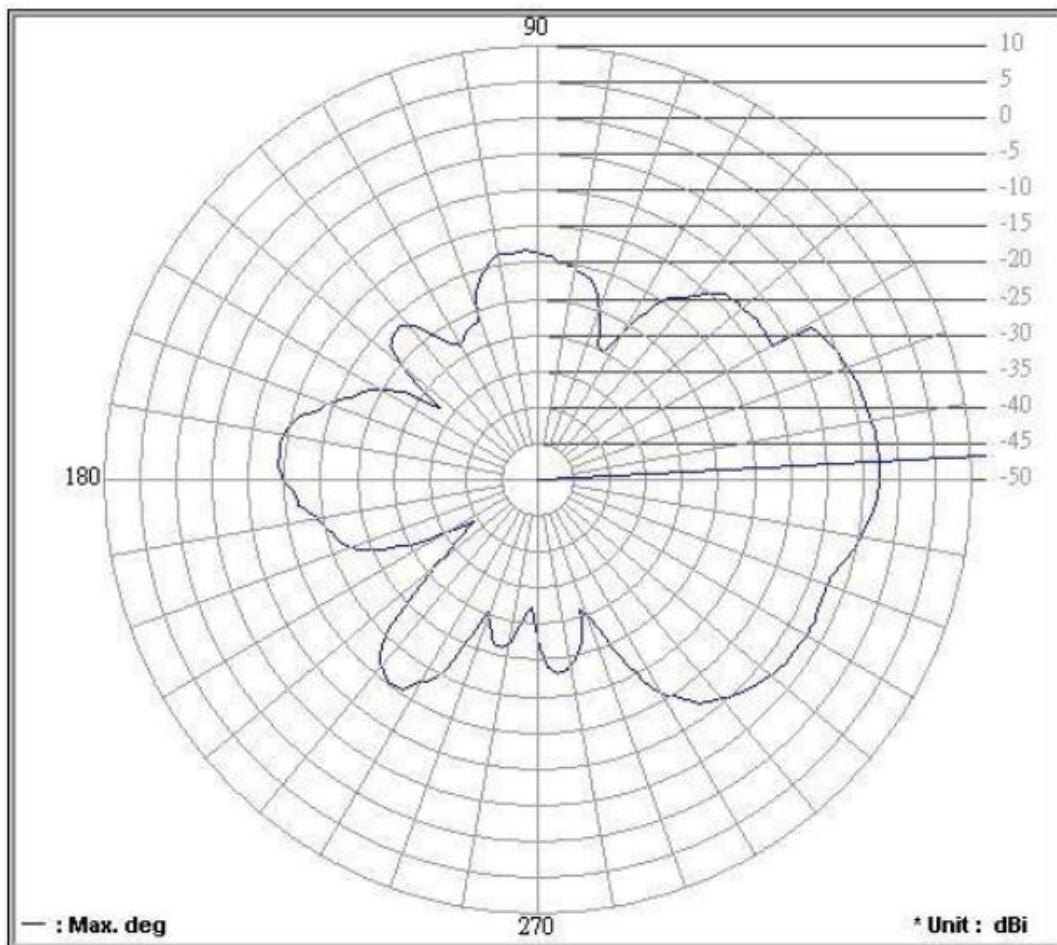
C:\Antenna Pattern V5.0\Graph\0818\08180024.png

2.Main antenna : 2441MHz

2.1 Horizontal



2.2 Vertical



Frequency (MHz) : **2441.00**

Antenna Polarity : **Vertical**

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

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

Maximum Gain (degree) : **3**

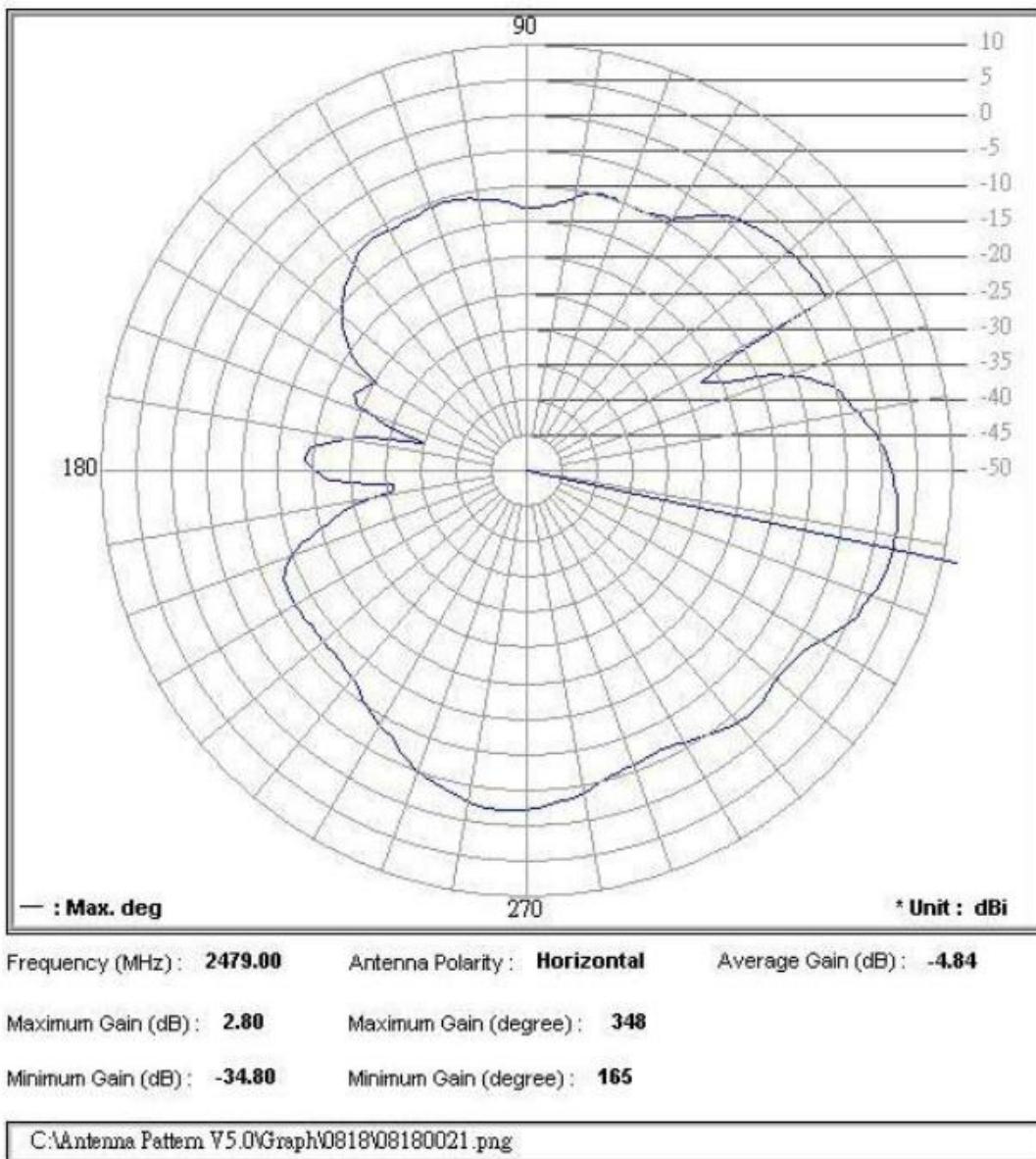
Minimum Gain (dB) : **-39.36**

Minimum Gain (degree) : **213**

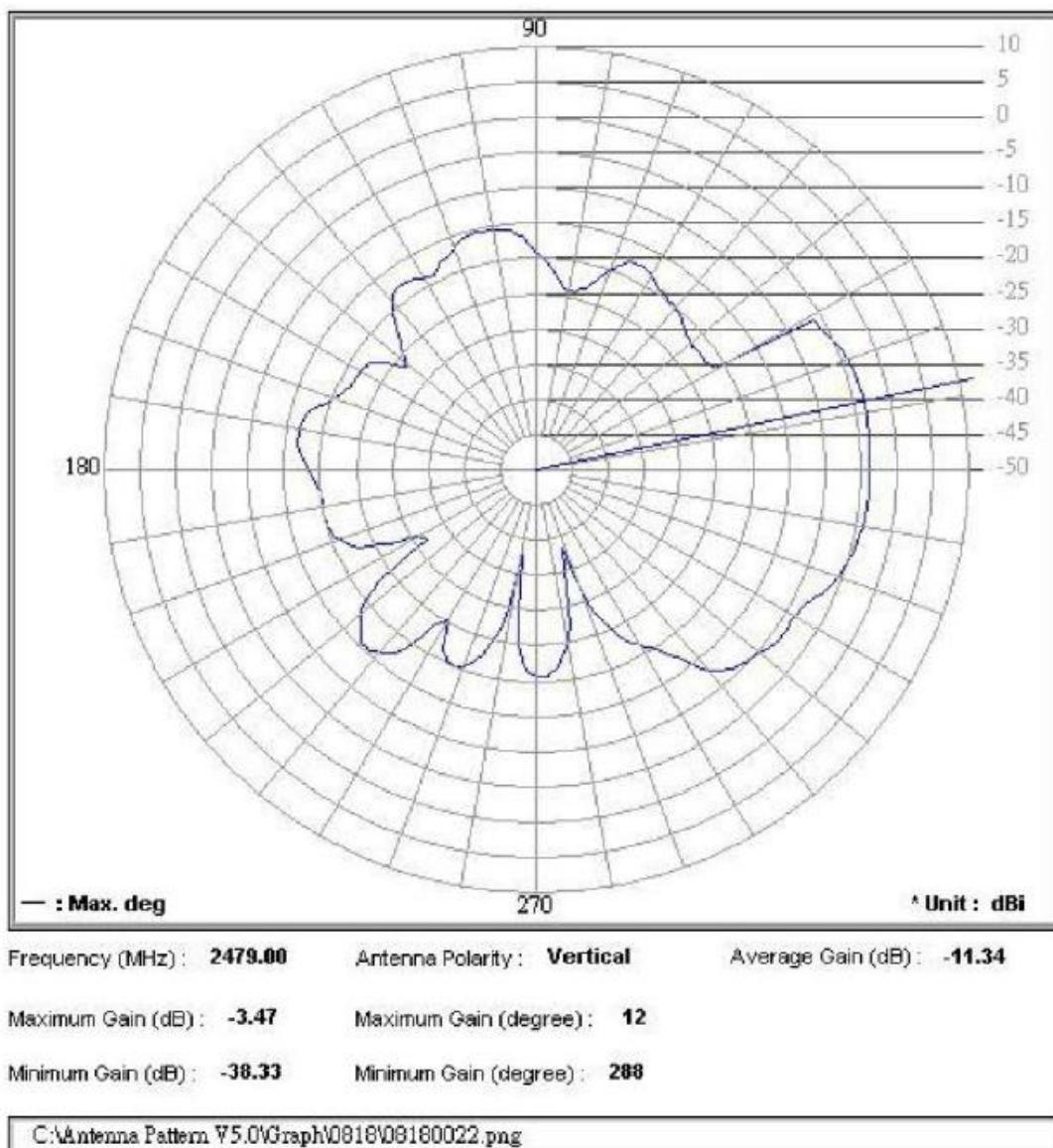
C:\Antenna Pattern V5.0\Graph\0818\08180023.png

3.Main antenna : 2479 MHz

3.1 Horizontal



3.2 Vertical



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 | |