

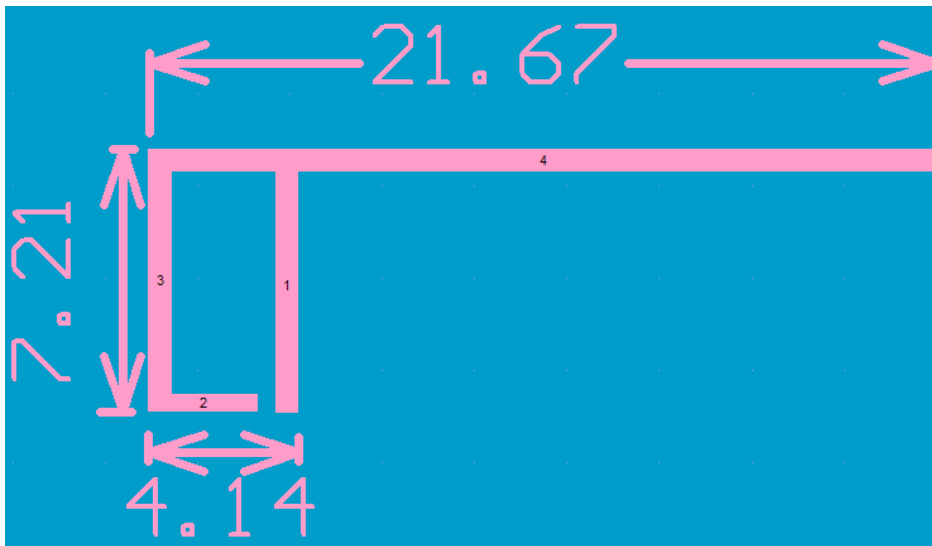
Antenna Specification

Specifications

Summary

ITEM	SPEC.
Model Name	2.4 GHz
Center Frequency	2403 MHz -2.48 dBi 2442 MHz -2.44 dBi 2480 MHz -4.34 dBi
MAX. GAIN	0.95 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω
Antenna Length	2.16cm

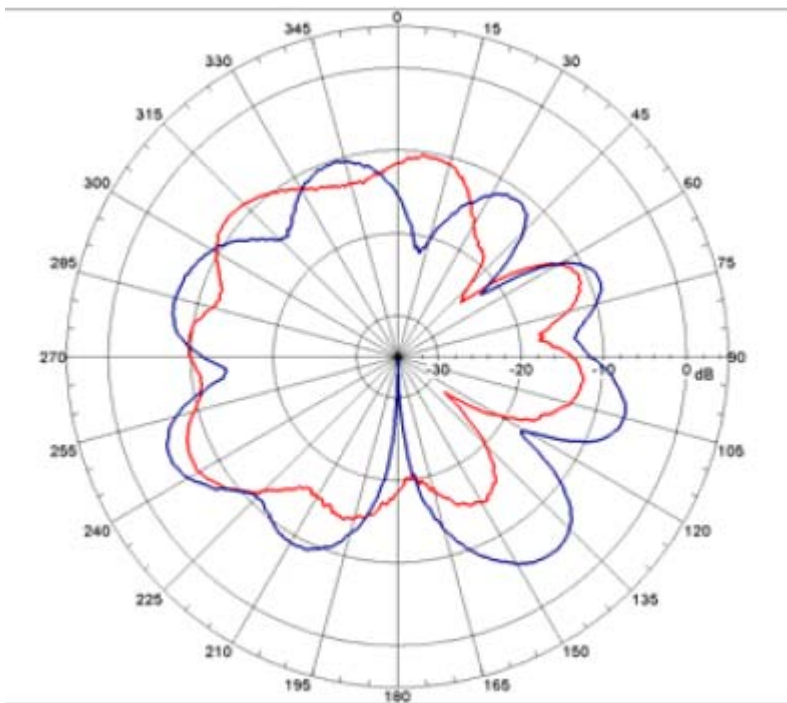
Antenna Photo & Length (mm)



1. Main antenna : 2403 MHz

(green line: horizontal power)
(red line: vertical power)

1.1 Horizontal



Frequency(MHZ): **2403**

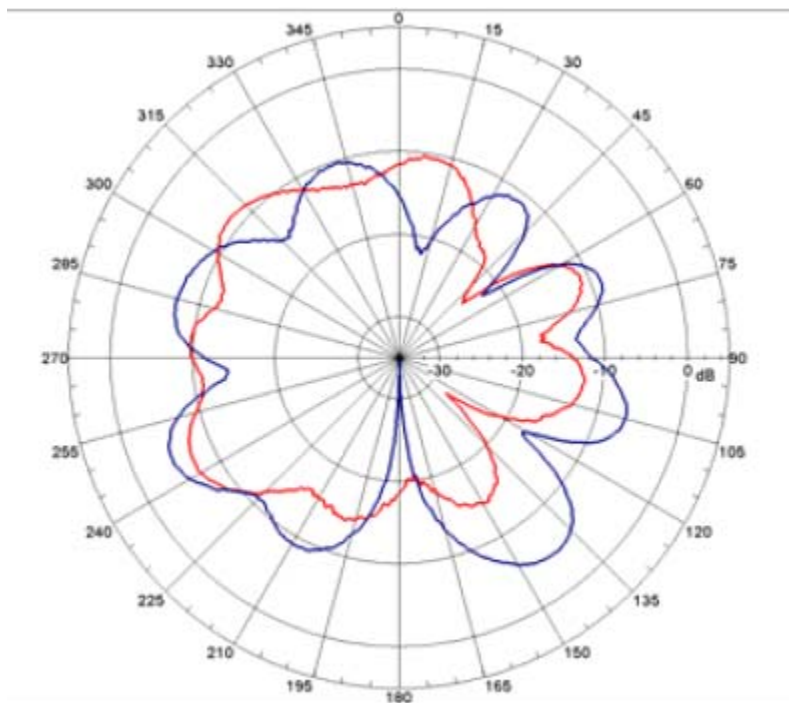
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-2.24**

Average Gain(dBi) : **-2.48**

Minimum Gain(dBi): **-55.18**

1.2 Vertical



Frequency(MHZ): **2403**

Antenna Polarity: **Vertical**

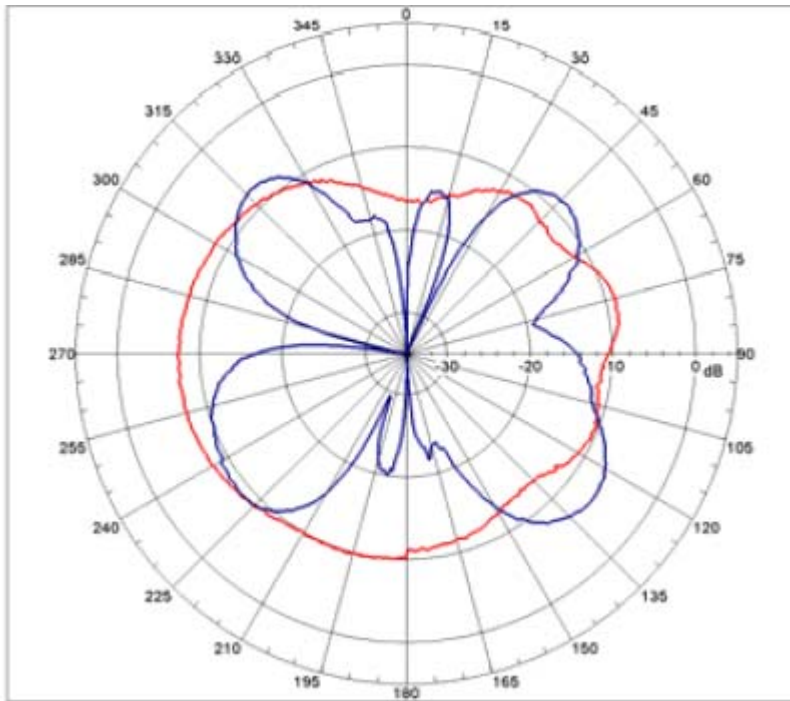
Maximum Value(dBi): **-4.51**

Average Gain(dBi) : **-8.98**

Minimum Gain(dBi): **-62.3**

2. Main antenna : 2442 MHz

2.1 Horizontal



Frequency(MHZ): **2442**

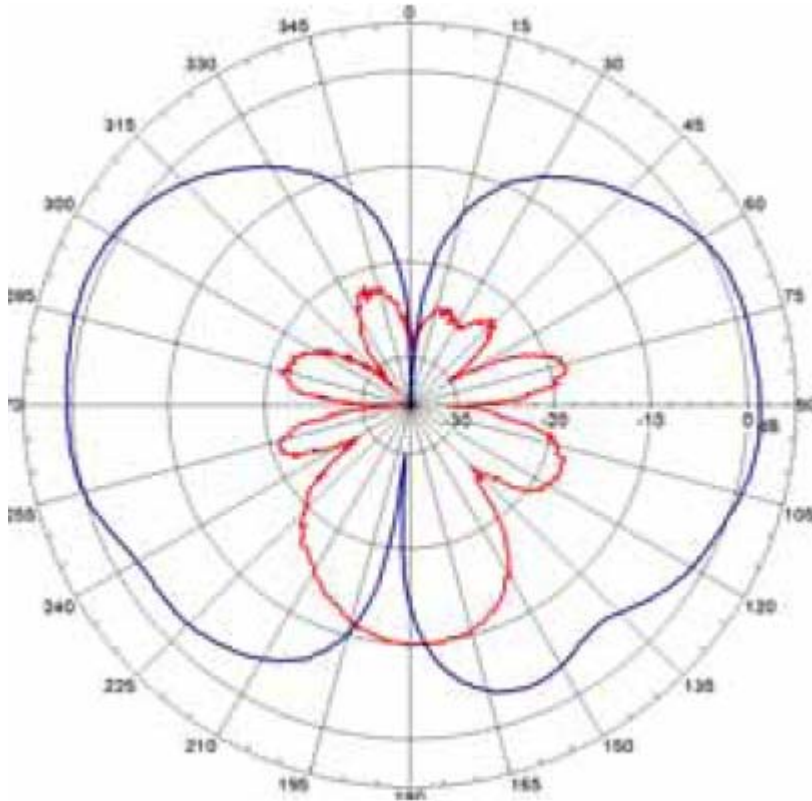
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-6.20**

Average Gain(dBi) : **-2.44**

Minimum Gain(dBi): **-64.78**

2.2 Vertical



Frequency(MHZ): **2442**

Antenna Polarity: **Vertical**

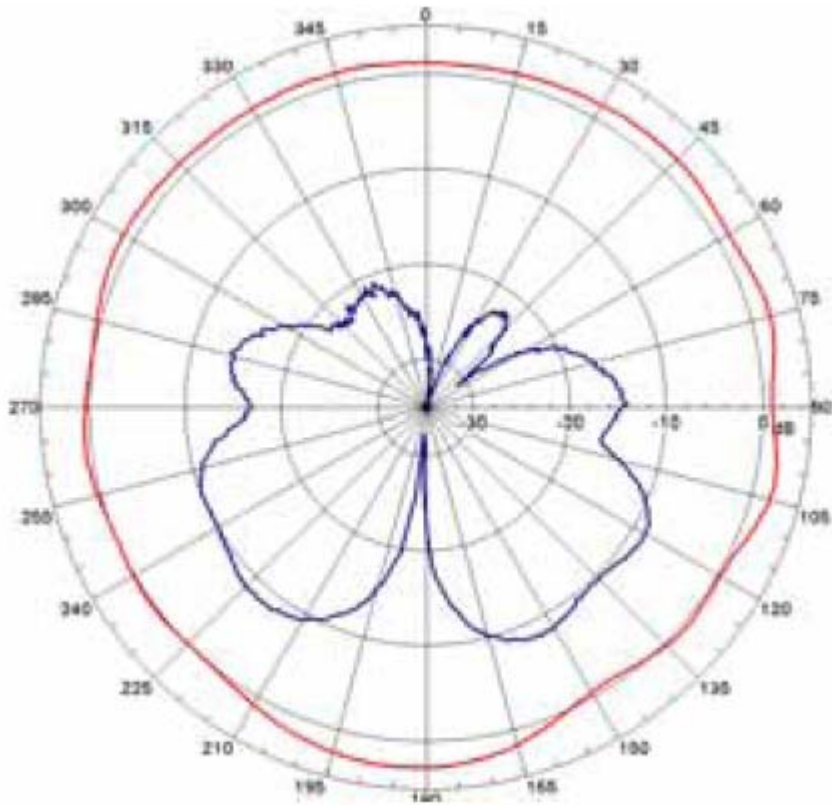
Maximum Value(dBi): **-10.00**

Average Gain(dBi) : **-8.41**

Minimum Gain(dBi): **-47.4**

2. Main antenna : 2480 MHz

2.1 Horizontal



Frequency(MHZ): **2480**

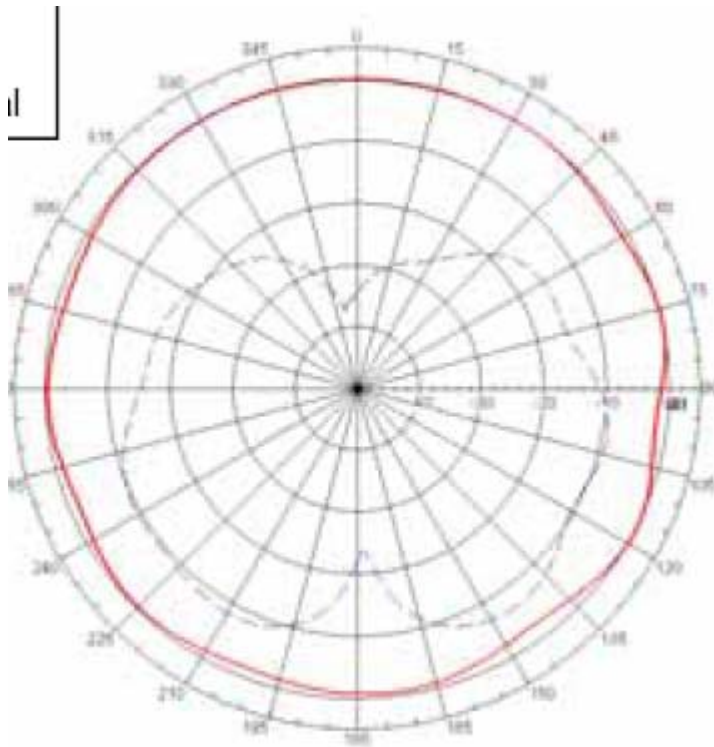
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **-8.31**

Average Gain(dBi) : **-4.34**

Minimum Gain(dBi): **-55.4**

2.2 Vertical



Frequency(MHZ): **2480**

Antenna Polarity: **Vertical**

Maximum Value(dBi): **0.95**

Average Gain(dBi) : **-14.06**

Minimum Gain(dBi): **-64.00**