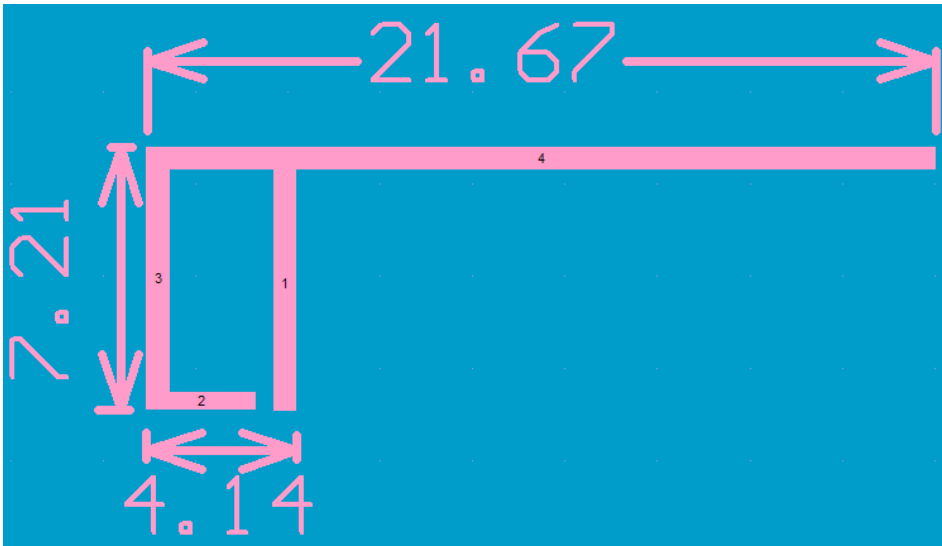


Antenna Specification

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	Vertical	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	2.16cm	

Antenna Photo & Length (mm)

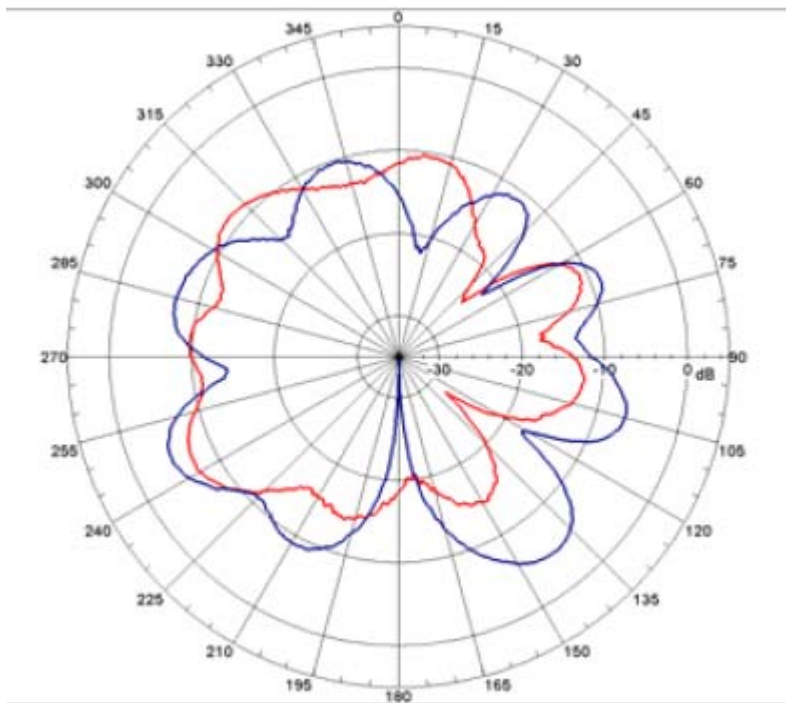


1. Main antenna : 2403 MHz

(blue line: horizontal power)

(red line: vertical power)

1.1 Horizontal



Frequency(MHZ): **2403**

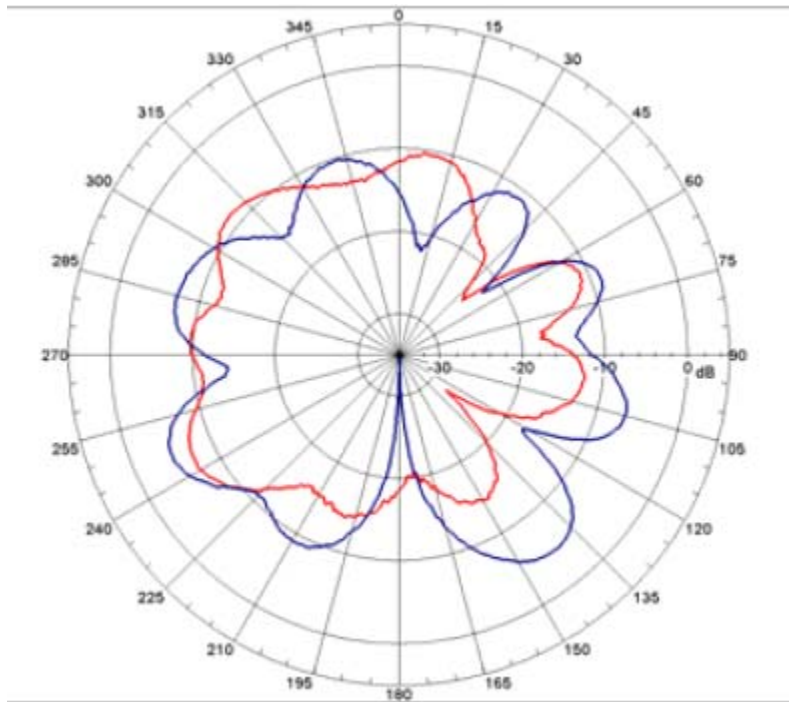
Antenna Polarity: **Horizontal**

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

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

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

1.2 Vertical



Frequency(MHZ): **2403**

Antenna Polarity: **Vertical**

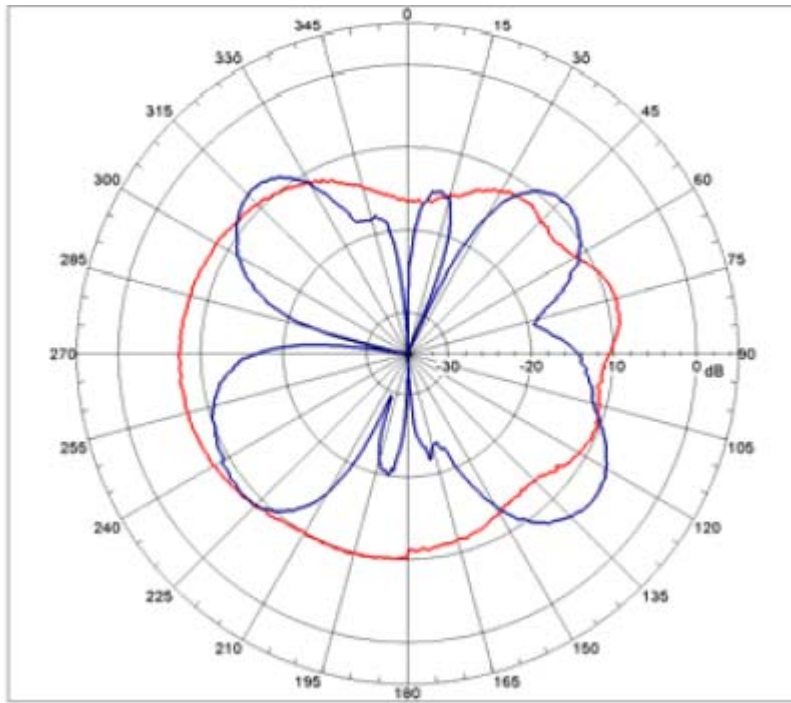
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2442 MHz

2.1 Horizontal



Frequency(MHZ): **2442**

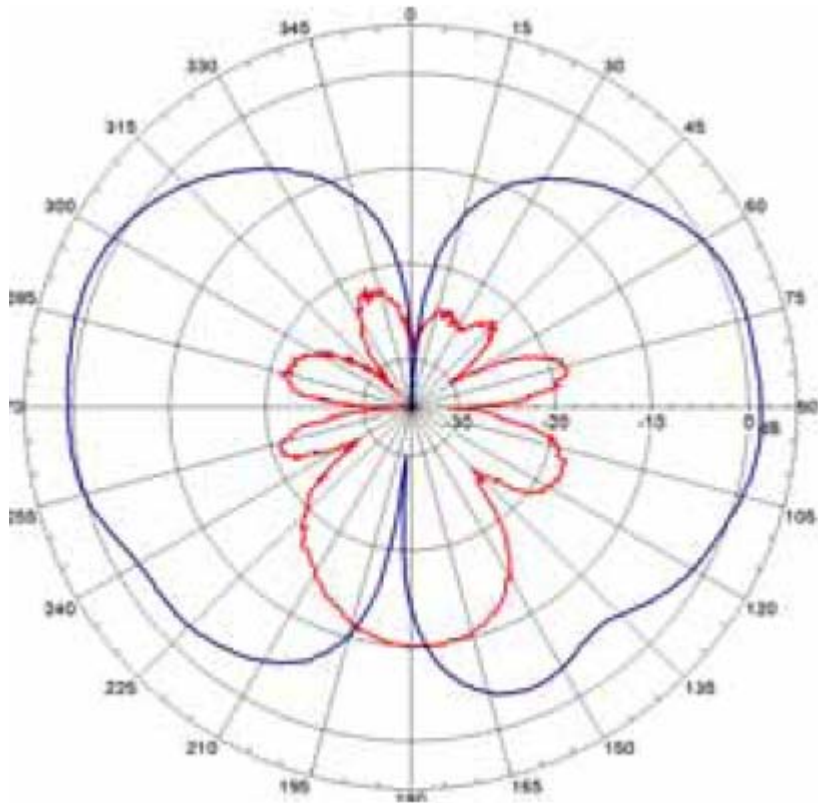
Antenna Polarity: **Horizontal**

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

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

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

2.2 Vertical



Frequency(MHZ): **2442**

Antenna Polarity: **Vertical**

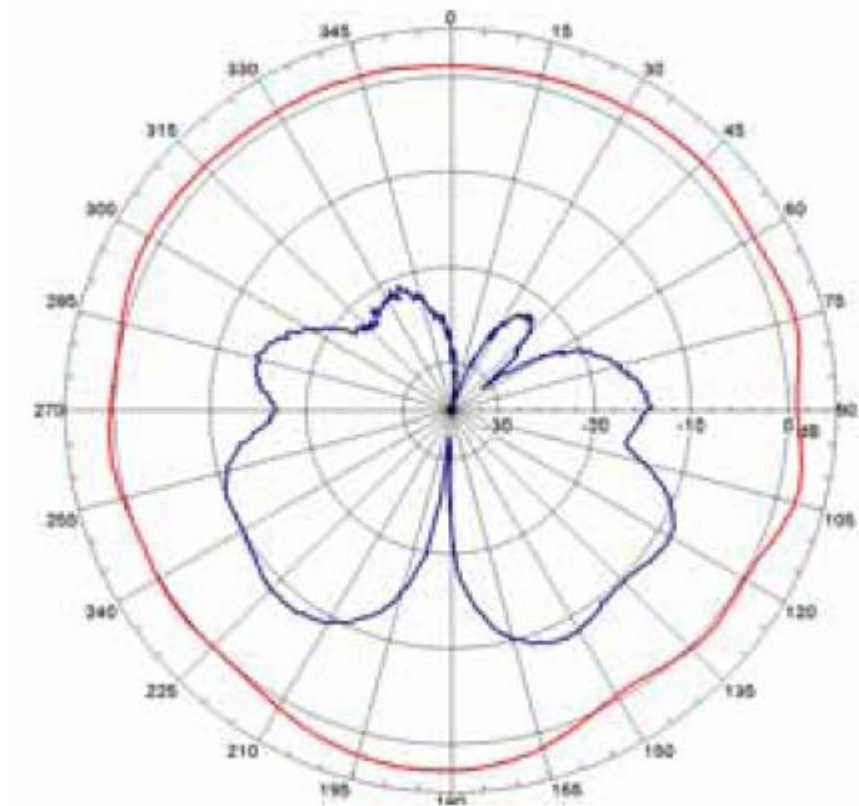
Maximum Value(dBi): **-10.00**

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

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

2. Main antenna : 2480 MHz

2.1 Horizontal



Frequency(MHZ): **2480**

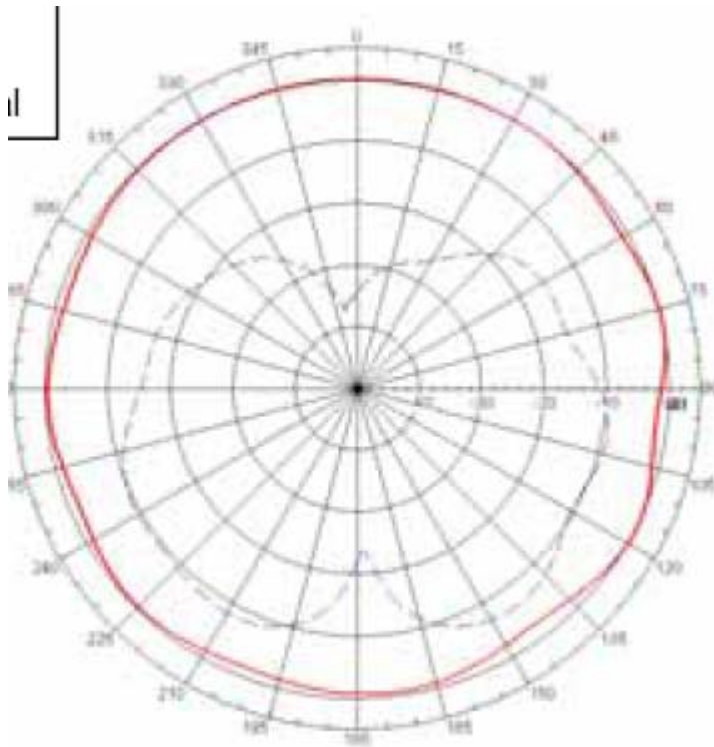
Antenna Polarity: **Horizontal**

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**