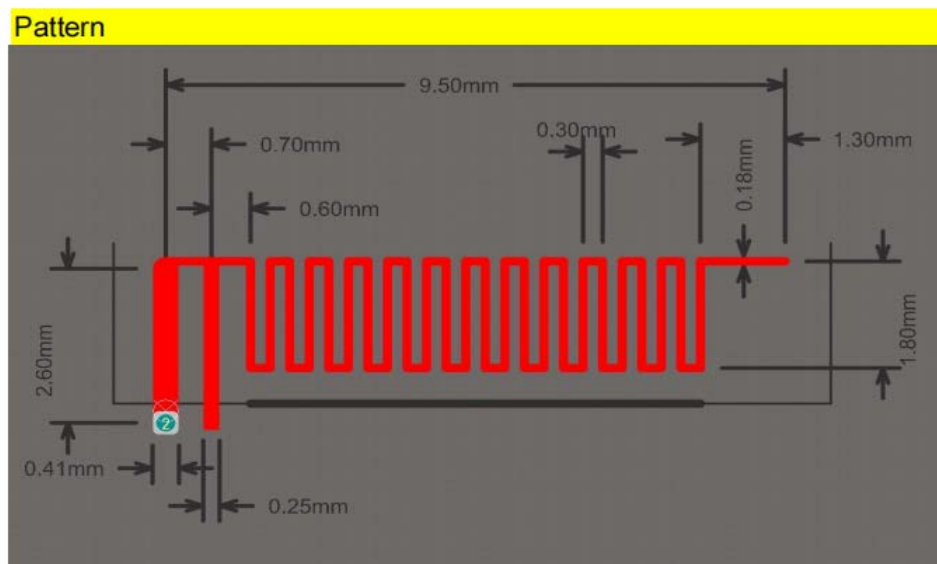


Antenna Specification

Specifications Summary

ITEM	SPEC.
Model Name	WD03
Center Frequency	2402 MHz -2.28 dBi 2442 MHz -4.55 dBi 2480 MHz -4.89 dBi
MAX. GAIN	0.76 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω
Antenna Length	9.50mm

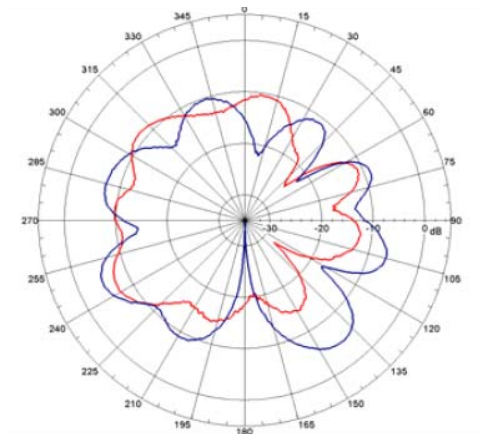
Antenna Photo & Length (mm)



1. Main antenna : 2402 MHz

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

1.1 Horizontal



Frequency(MHZ): **2402**

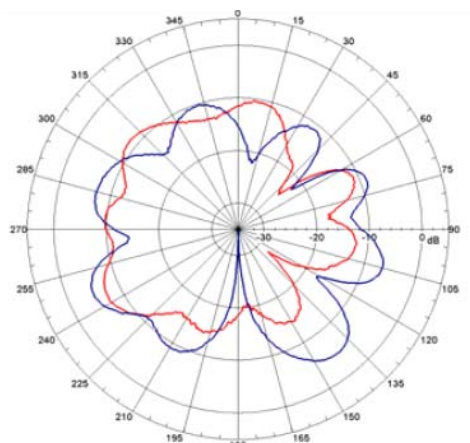
Antenna Polarity: **Horizontal**

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

Average Gain(dBi) : **-2.28**

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

1.2 Vertical



Frequency(MHZ): **2402**

Antenna Polarity: **Vertical**

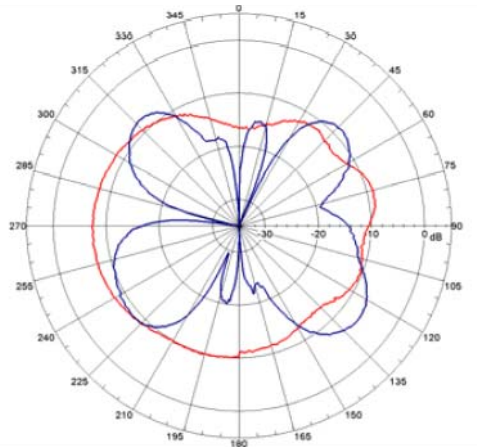
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2442 MHz

2.1 Horizontal



Frequency(MHZ): **2442**

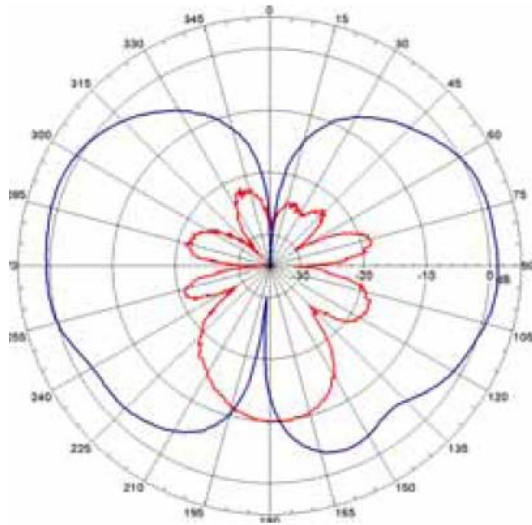
Antenna Polarity: **Horizontal**

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

Average Gain(dBi) : **-4.55**

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

2.2 Vertical



Frequency(MHZ): **2442**

Antenna Polarity: **Vertical**

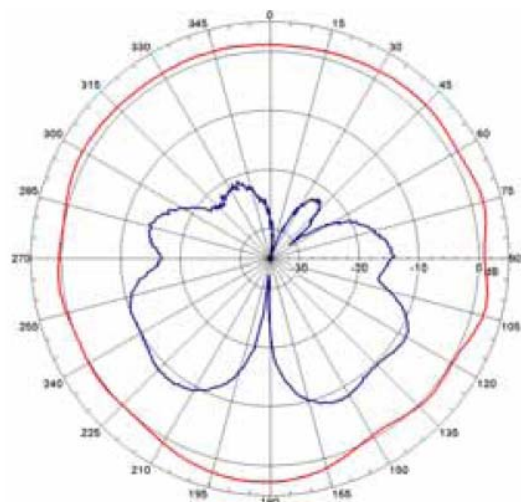
Maximum Value(dBi): **-10.00**

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

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

3. Main antenna : 2480 MHz

3.1 Horizontal



Frequency(MHZ): **2480**

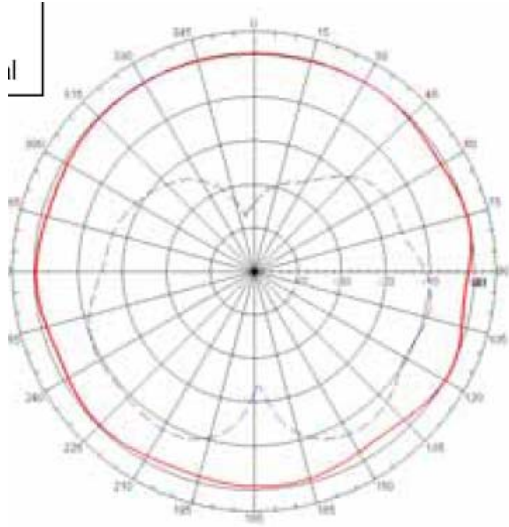
Antenna Polarity: **Horizontal**

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

Average Gain(dBi) : **-4.89**

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

3.2 Vertical



Frequency(MHZ): **2480**

Antenna Polarity: **Vertical**

Maximum Value(dBi): **0.76**

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

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