

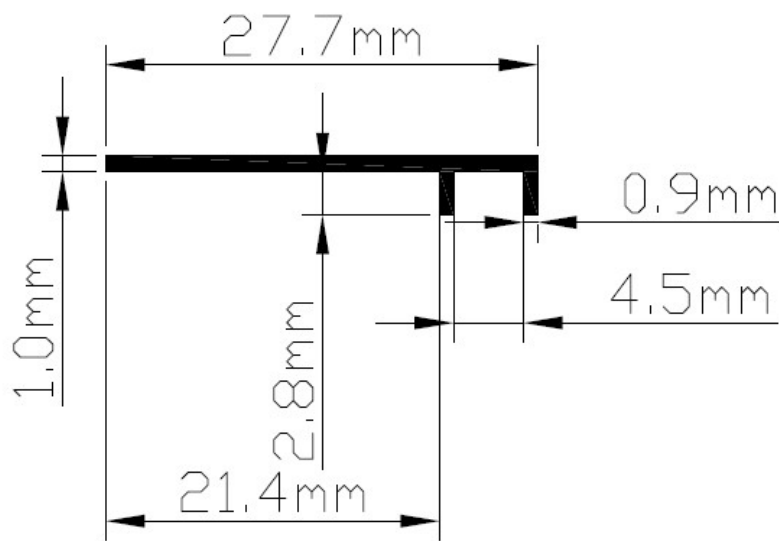
Antenna Specification

Specifications

Summary

ITEM	SPEC.
Center Frequency	2402 MHz
	2440 MHz
	2480 MHz
MAX. GAIN	0.95 dBi
Azimuth Beam Pattern	Omni-directional
IMpedance	50Ω
Antenna Length	27.7mm

Antenna Photo & Length (mm)



HTE-079B-X-V3.2

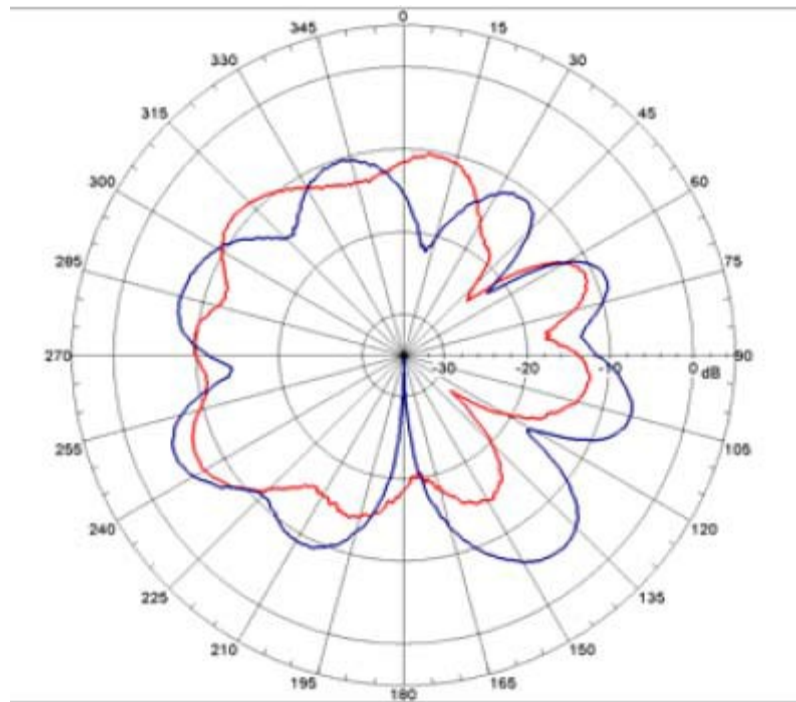
PCB 2.4G ANT

1. Main antenna : 2402 MHz

(Blue line: horizontal power)

(red line: vertical power)

1.1 Horizontal



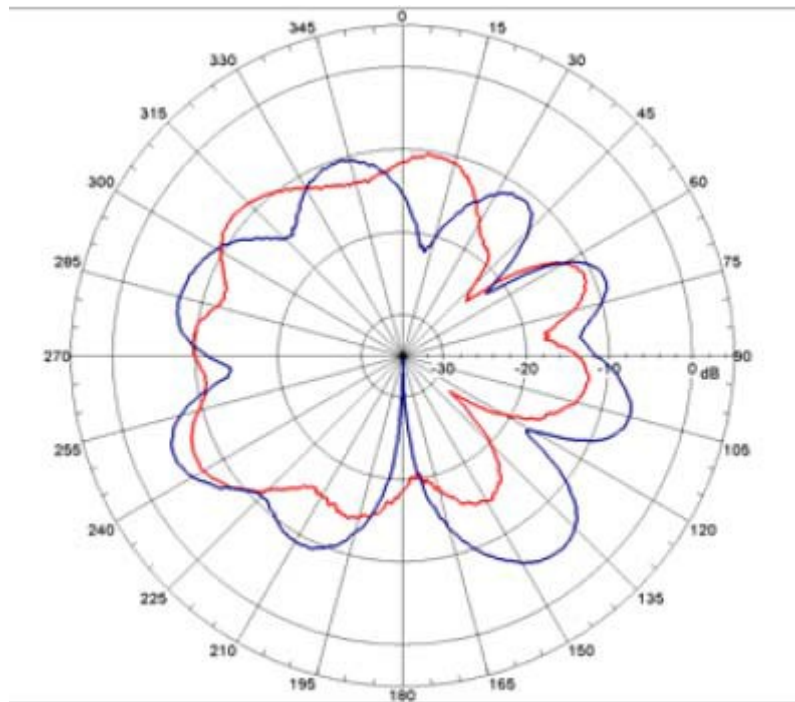
Frequency(MHZ): **2402** Antenna Polarity: **Horizontal**

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

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

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

1.2 Vertical



Frequency(MHZ): **2402** Antenna Polarity: **Vertical**

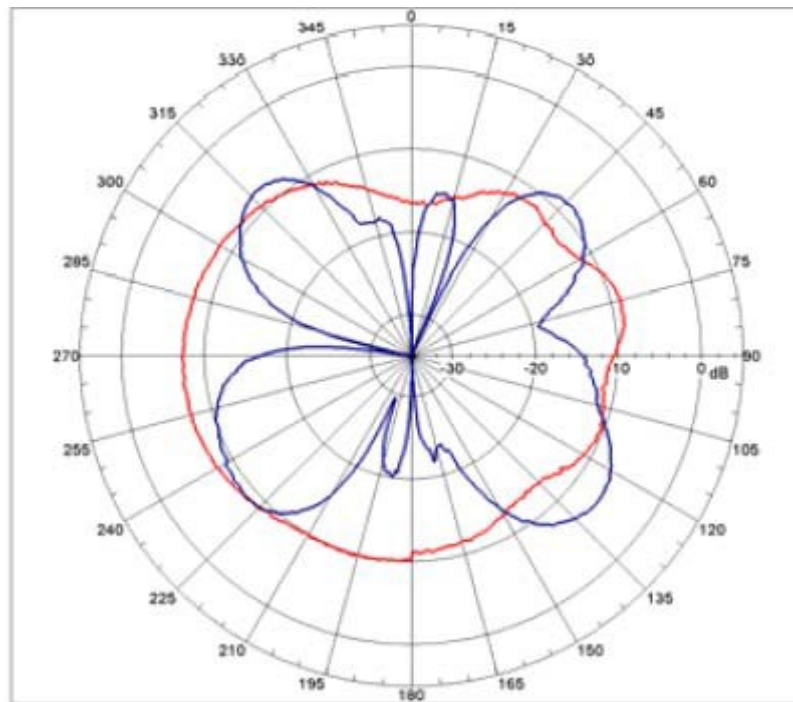
Maximum Value(dBi): **-4.51**

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

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

2. Main antenna : 2441 MHz

2.1 Horizontal



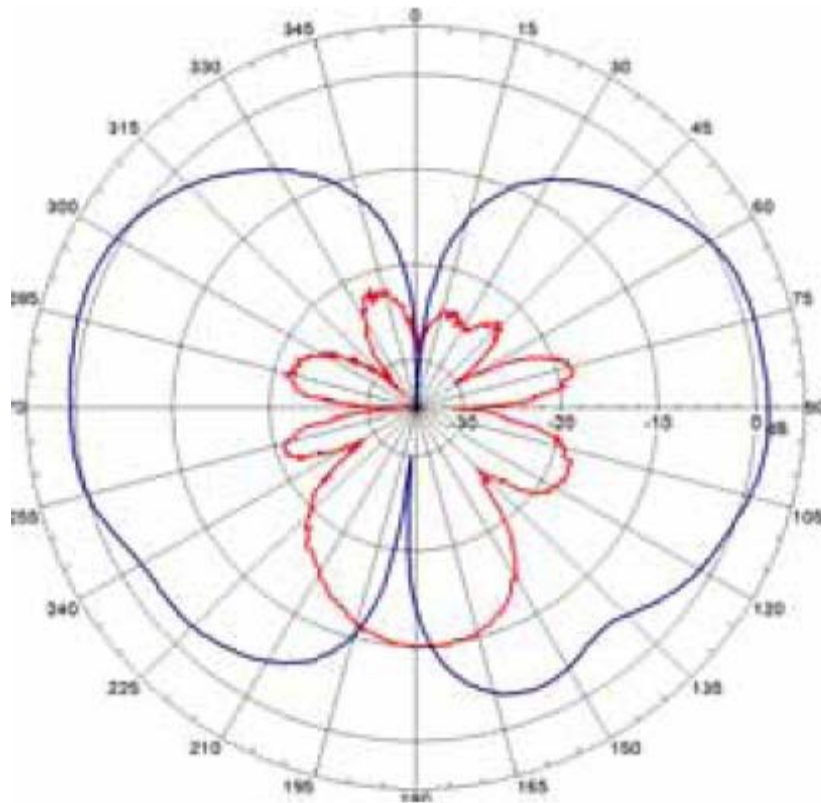
Frequency(MHZ): 2441 Antenna Polarity: **Horizontal**

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

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

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

2.2 Vertical



Frequency(MHZ): 2441 Antenna Polarity: **Vertical**

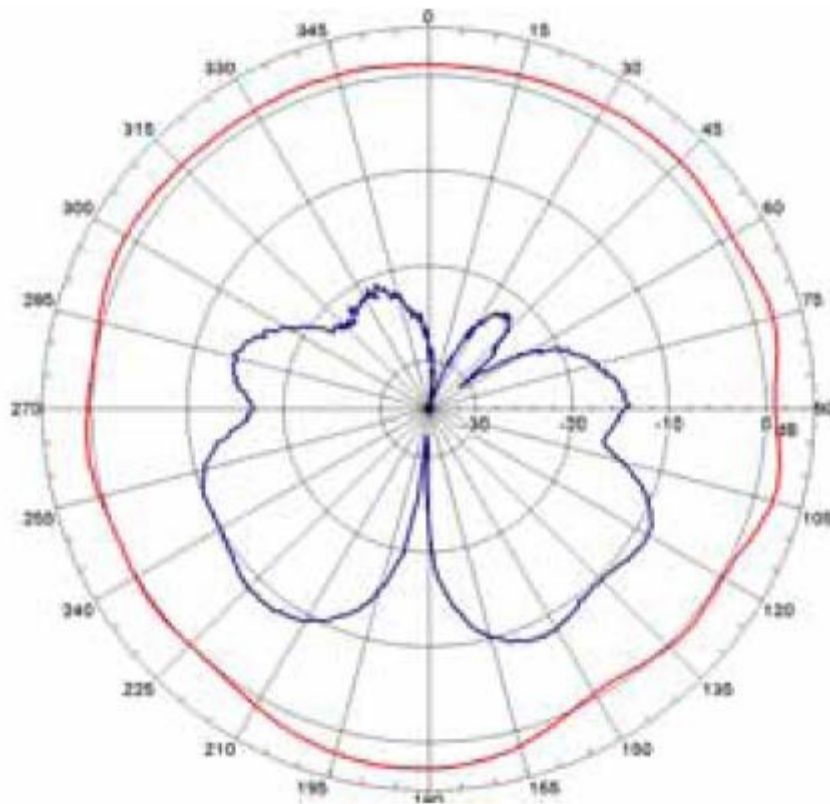
Maximum Value(dBi): **-10.00**

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

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

3. Main antenna : 2480 MHz

3.1 Horizontal



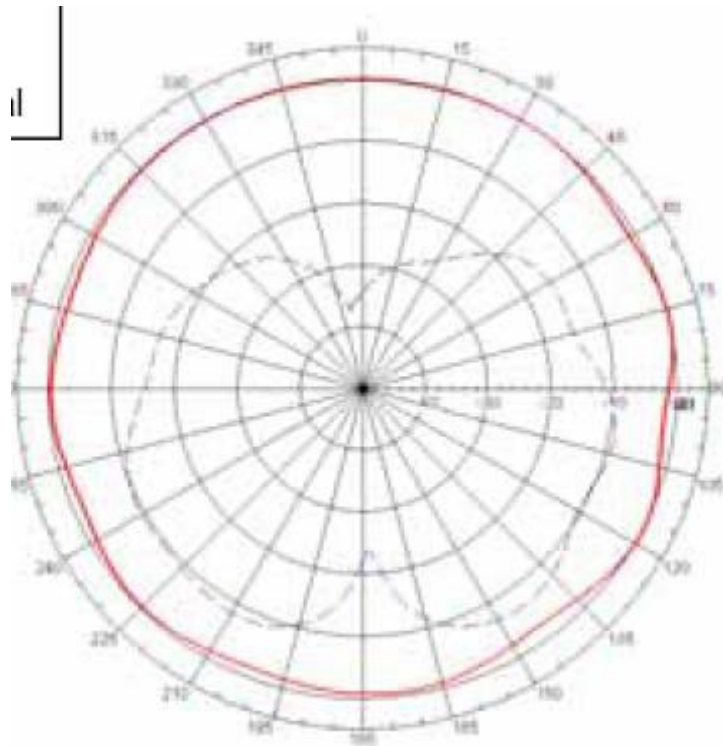
Frequency(MHZ): 2480 Antenna Polarity: **Horizontal**

Maximum Value(dBi): -8.31

Average Gain(dBi) : -4.34

Minimum Gain(dBi): -55.4

3.2 Vertical



Frequency(MHZ): **2480** Antenna Polarity: **Vertical**

Maximum Value(dBi): **0.95**

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

Minimum Gain: **-45.21**