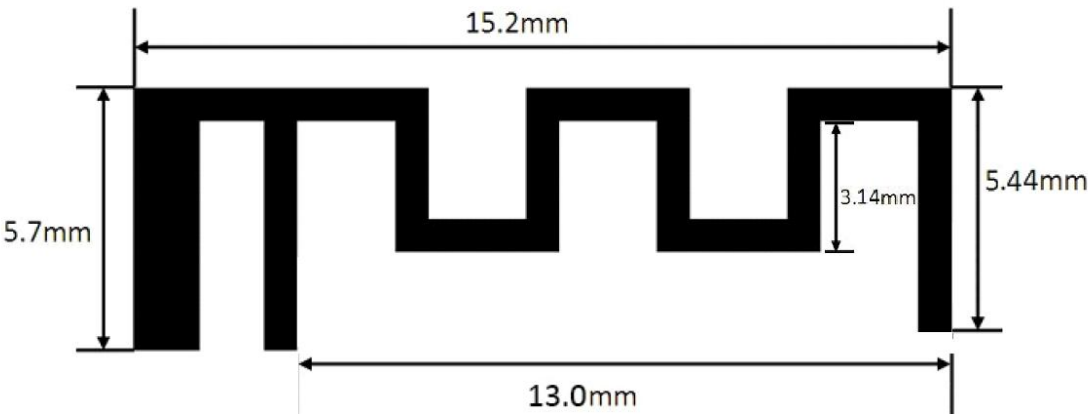


## Antenna Specification

1. Antenna describe:

|                  |                                                                                                                                                           |           |           |           |           |           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Antenna gain     | -0.58 dBi (Max)                                                                                                                                           |           |           |           |           |           |
| Center Frequency | Horizontal                                                                                                                                                |           |           | Vertical  |           |           |
|                  | 2400MHz                                                                                                                                                   | 2450MHz   | 2500MHz   | 2400MHz   | 2450MHz   | 2500MHz   |
|                  | -1.26 dBi                                                                                                                                                 | -0.76 dBi | -0.58 dBi | -5.25 dBi | -2.46 dBi | -1.86 dBi |
| Frequency range  | 2.402GHZ-2.480GHZ                                                                                                                                         |           |           |           |           |           |
| Connector type   | Direct                                                                                                                                                    |           |           |           |           |           |
| Model Name       | 2.4G F ANT                                                                                                                                                |           |           |           |           |           |
| Impedance        | 50 Ohm                                                                                                                                                    |           |           |           |           |           |
| Antenna type     | PCB ANT                                                                                                                                                   |           |           |           |           |           |
| Manufacture      | Shenzhen Yishunlong Technology Co., LTD<br>503, Building A, No. 79, Guantian Road, NiuHu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong |           |           |           |           |           |

PCB Antenna size:



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div



| Frequency<br>(MHz) | Gain(dB)  |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -1.26174  | -30.0801 | -7.18716 |
| 2450               | -0.765802 | -36.5604 | -7.48023 |
| 2500               | -0.585582 | -22.0315 | -6.59127 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -5.2537  | -22.1424 | -12.4294 |
| 2450               | -2.4652  | -24.5837 | -10.4702 |
| 2500               | -1.86120 | -29.5214 | -9.20432 |