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## Antenna Specification

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Co : SHENZHEN PENG LIN ELECTRONIC CO., LTD

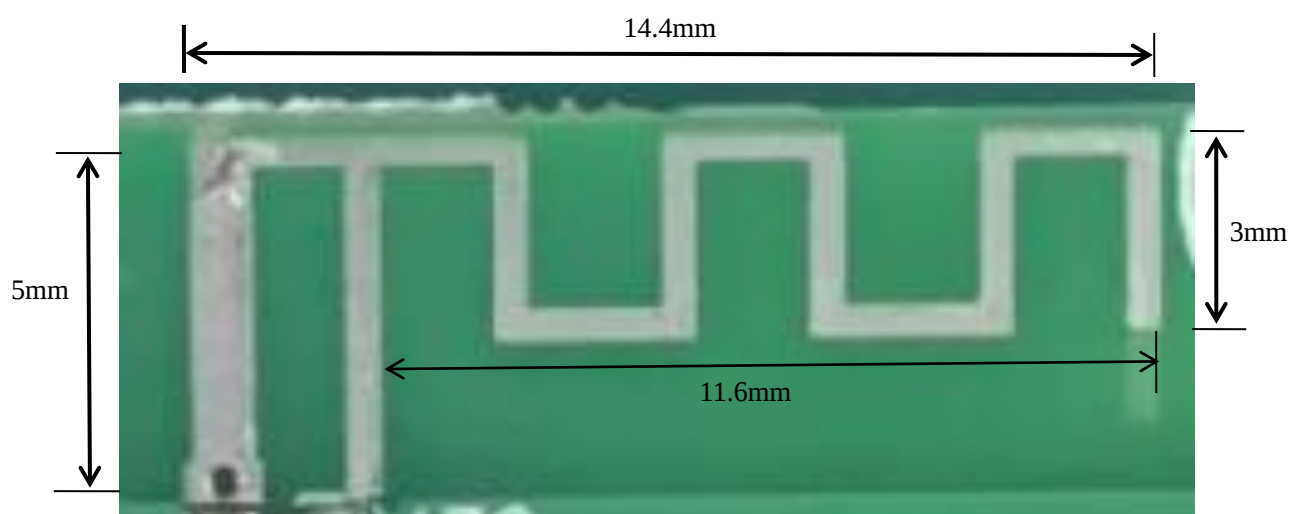
Add : 3rd Floor, Building 5, Tangtou Third Industrial Zone, Shiyan Street,  
Bao'an District, Shenzhen City, Guangdong Province, China

**1. Antenna describe.**

|                    |                   |
|--------------------|-------------------|
| Frequency range    | 2400 MHz-2500 MHz |
| Antenna type       | PCB Antenna       |
| Antenna plate      | Monopole          |
| Antenna gain(Peak) | -0.58 dBi         |
| Antenna impedance  | 50 $\Omega$       |
| V.S.W.R            | $\leq 2.0$ Max    |

**2. External view drawing.**

Company: mm



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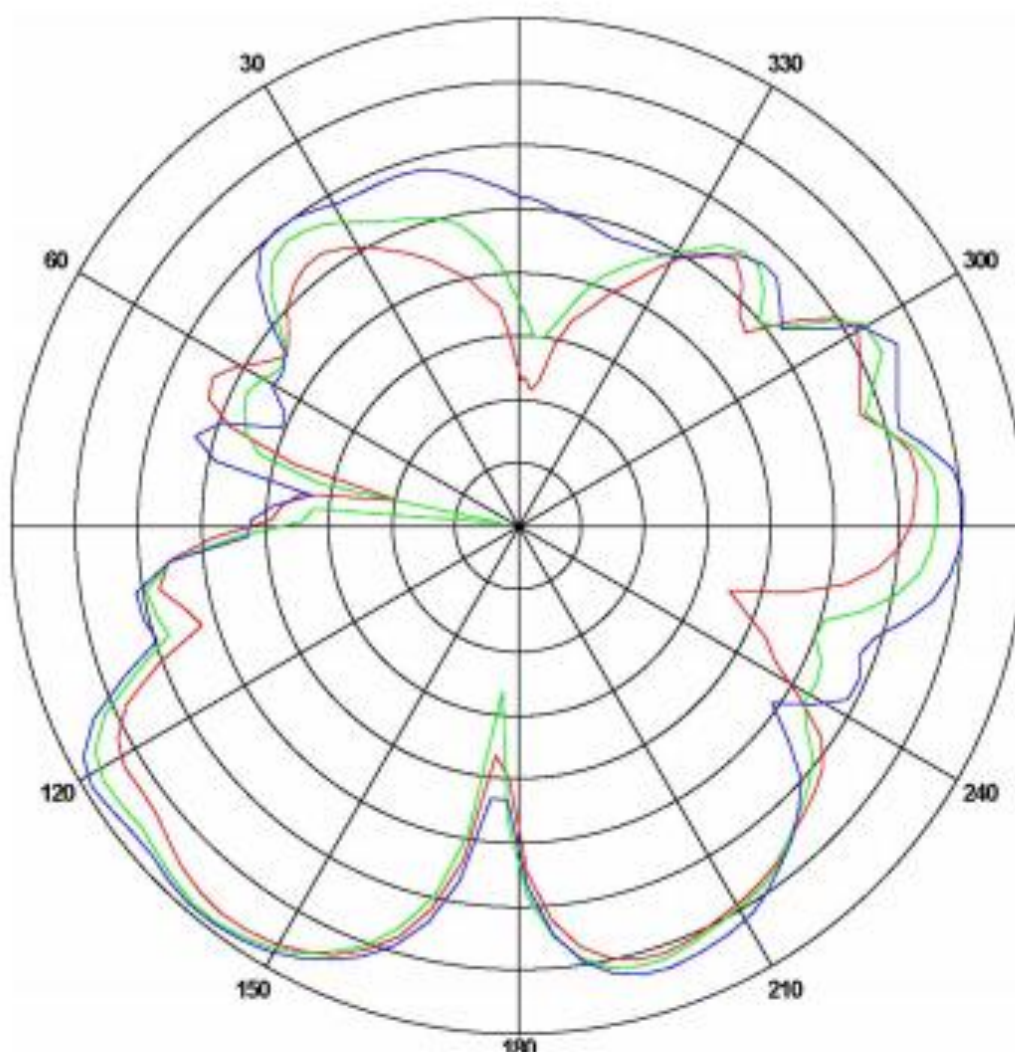
### 3. Antenna Pattern.

#### 2D Pattern

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 |

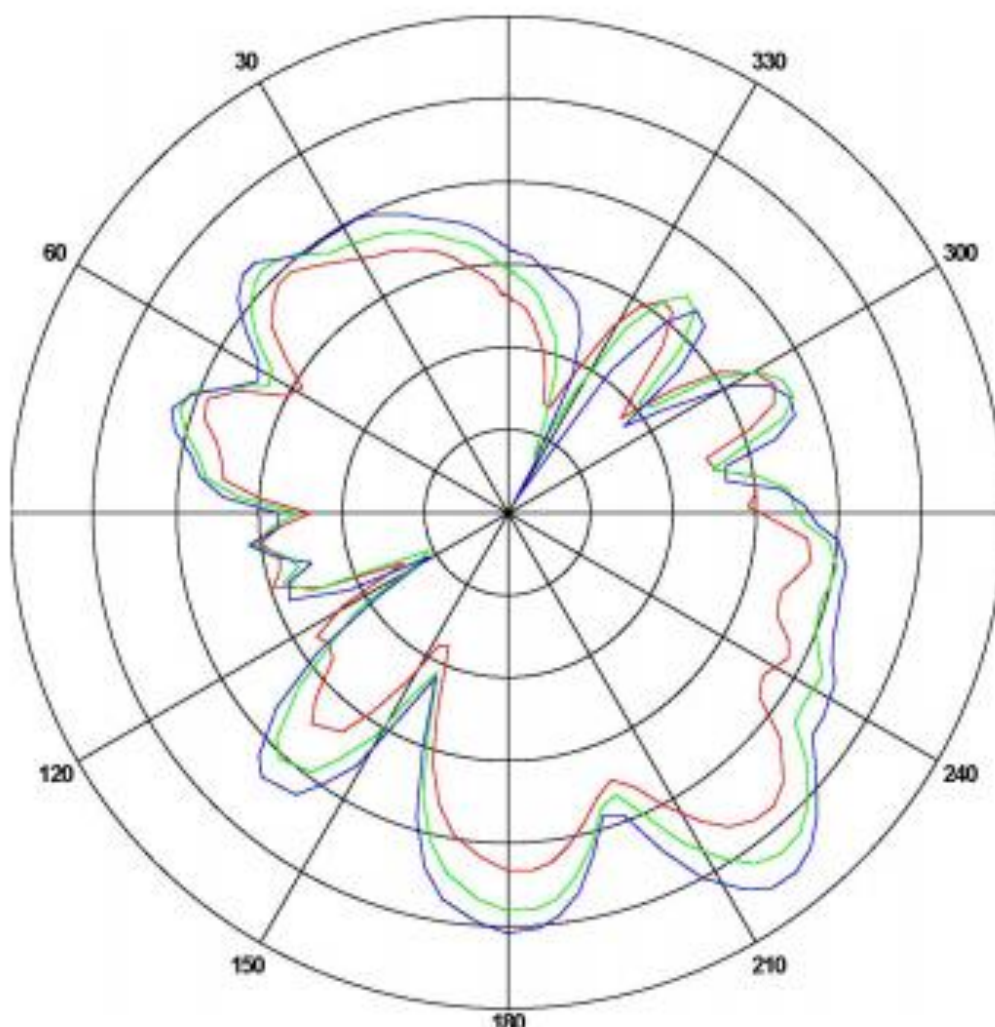
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Vertical: 2400 MHz 2450 MHz 2500 MHz

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 |

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