

# Tested Products.

## Antenna 1:

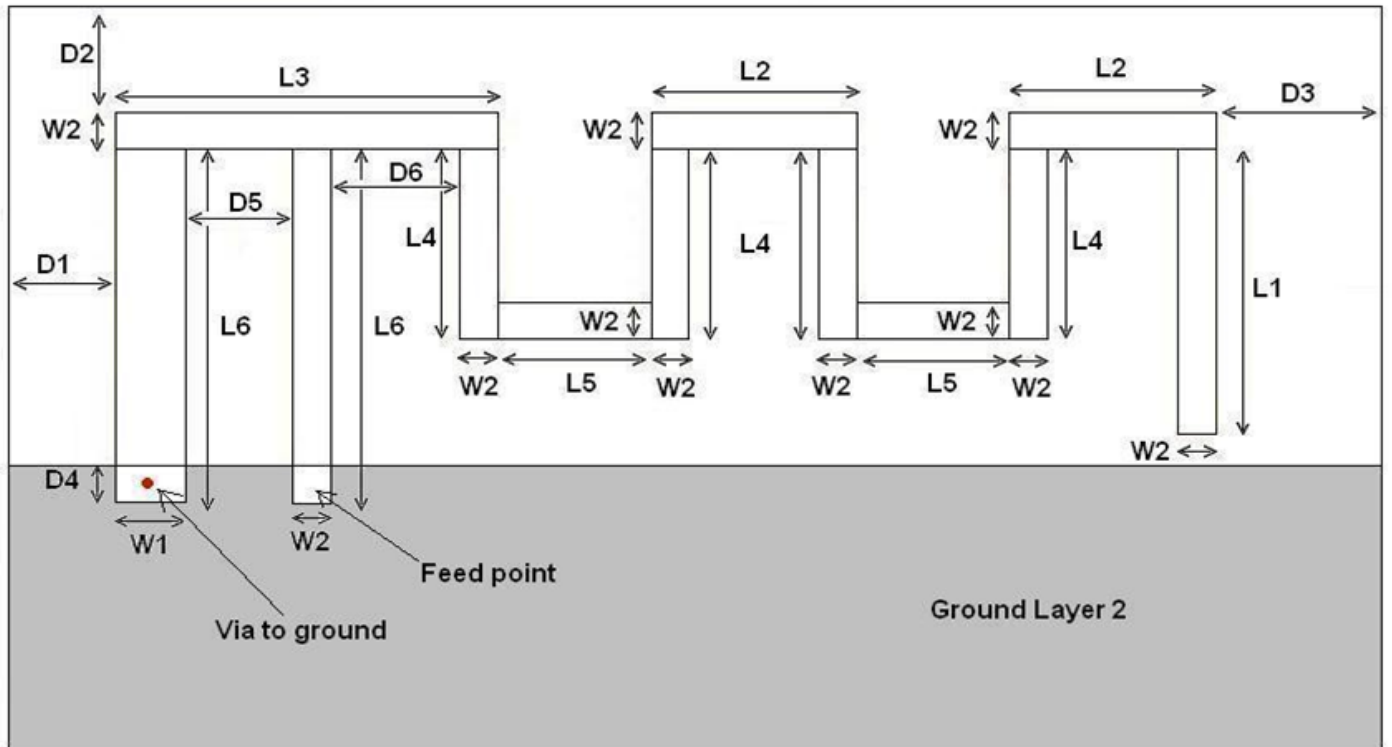
- Frequency = 2.400GHz.
- Frequency = 2.450GHz.
- Frequency = 2.480GHz.

Manufacturer :

Shenzhen Singsun Electronic Technology Co., Ltd.  
Room 1101, Building 2, COFCO Business Park, Xin'an Street, Bao'an District, Shenzhen, China.

Product :

| ITEM            | SPEC.            |          |
|-----------------|------------------|----------|
| Model Name      | PIFA - 2450      |          |
|                 | 2400 MHz         | -0.6 dBi |
|                 | 2450 MHz         | -0.7 dBi |
|                 | 2480 MHz         | 0 dBi    |
| Ant. Gain (Max) | 0 dBi            |          |
|                 | Linear, Vertical |          |
|                 | Omni-directional |          |
| Impedance       | 50Ω              |          |
| Size            | 14.4mm*5.4mm     |          |

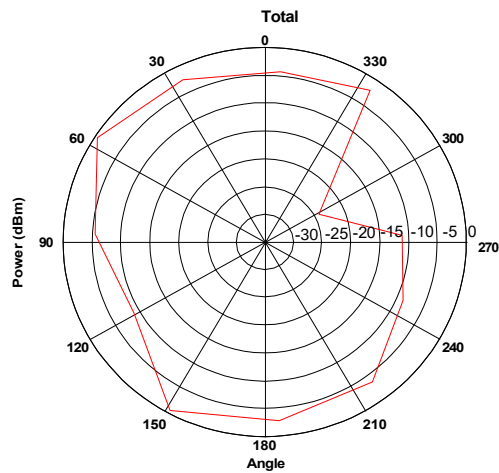


|    |         |
|----|---------|
| L1 | 3.94 mm |
| L2 | 2.70 mm |
| L3 | 5.00 mm |
| L4 | 2.64 mm |
| L5 | 2.00 mm |
| L6 | 4.90 mm |
| W1 | 0.90 mm |
| W2 | 0.50 mm |
| D1 | 0.50 mm |
| D2 | 0.30 mm |
| D3 | 0.30 mm |
| D4 | 0.50 mm |
| D5 | 1.40mm  |
| D6 | 1.70 mm |

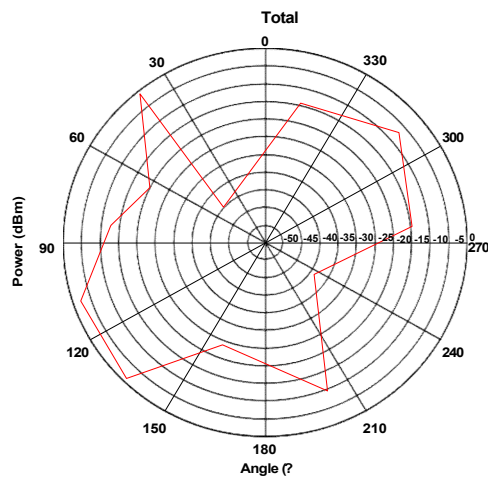
| Frequency (MHz) | Total dBi |
|-----------------|-----------|
| 2400MHz         | -0.56     |
| 2410MHz         | -0.40     |
| 2420MHz         | -0.66     |
| 2430MHz         | -0.57     |
| 2440MHz         | -0.96     |
| 2450MHz         | -0.69     |
| 2460MHz         | -1.05     |
| 2470MHz         | -1.13     |
| 2480MHz         | 0         |
| 2490MHz         | -1.09     |
| 2500MHz         | -1.10     |

# ANTENNA RADIATION PATTERN

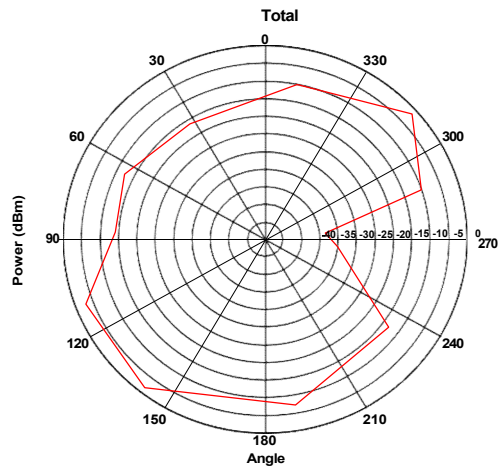
YZ Plane at f = 2.400GHz



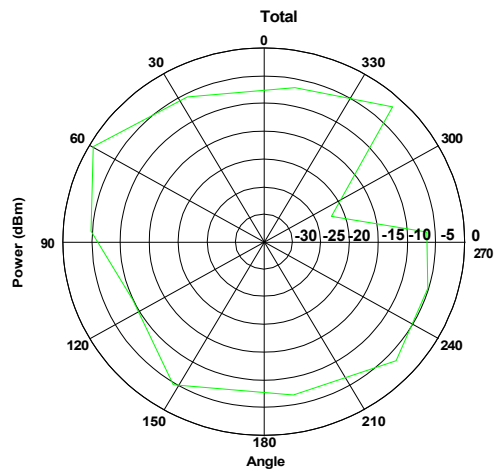
XZ Plane at f = 2.400GHz



XY Plane at f = 2.400GHz

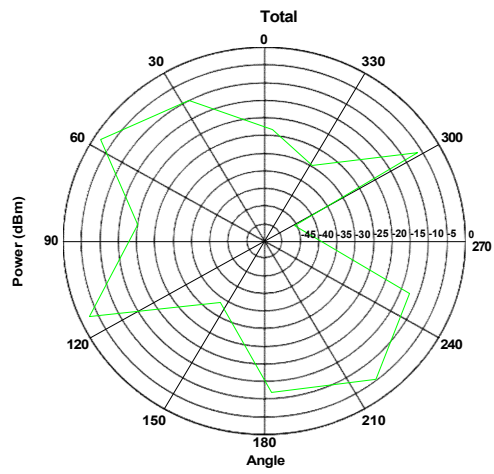


YZ Plane at Freq = 2.450GHz



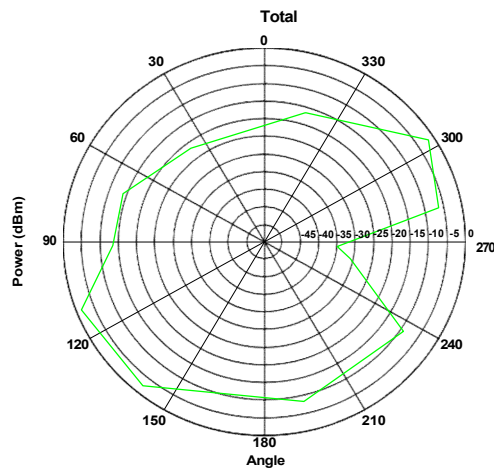
2450MHz

XZ Plane at Freq = 2.450GHz



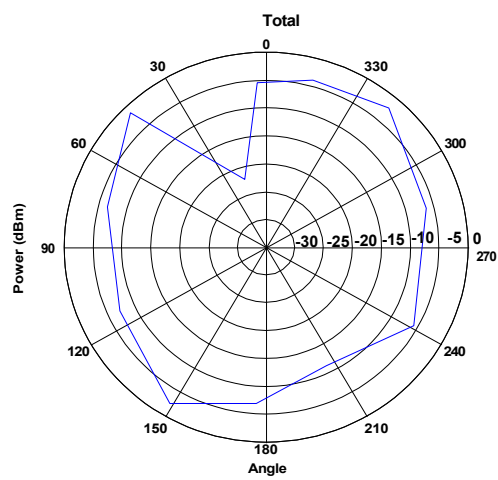
2450MHz

XY Plane at Freq = 2.450GHz



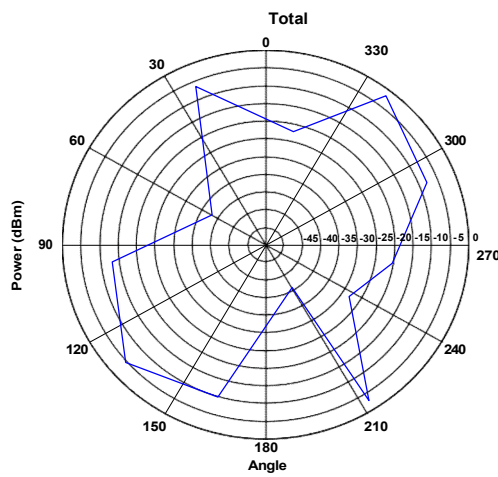
2450MHz

YZ Plane at Freq = 2.500GHz



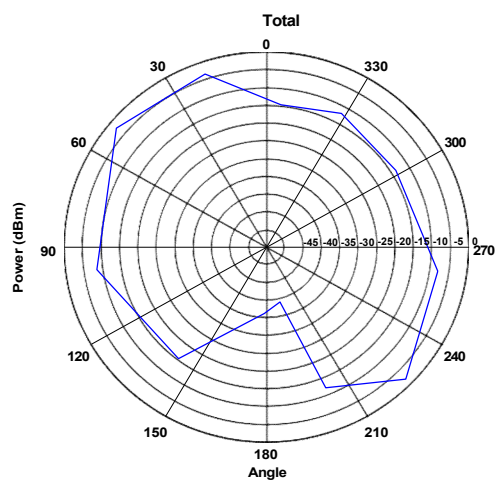
2500MHz

XZ Plane at Freq = 2.500GHz



2500MHz

XY Plane at F = 2.500GHz



2500MHz