

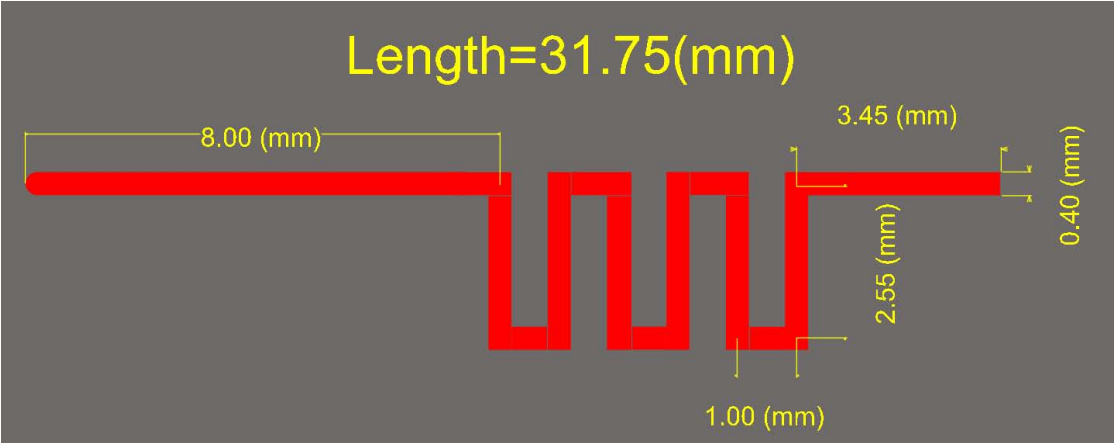
# ANTENNA SPECIFICATION

Specifications

Summary

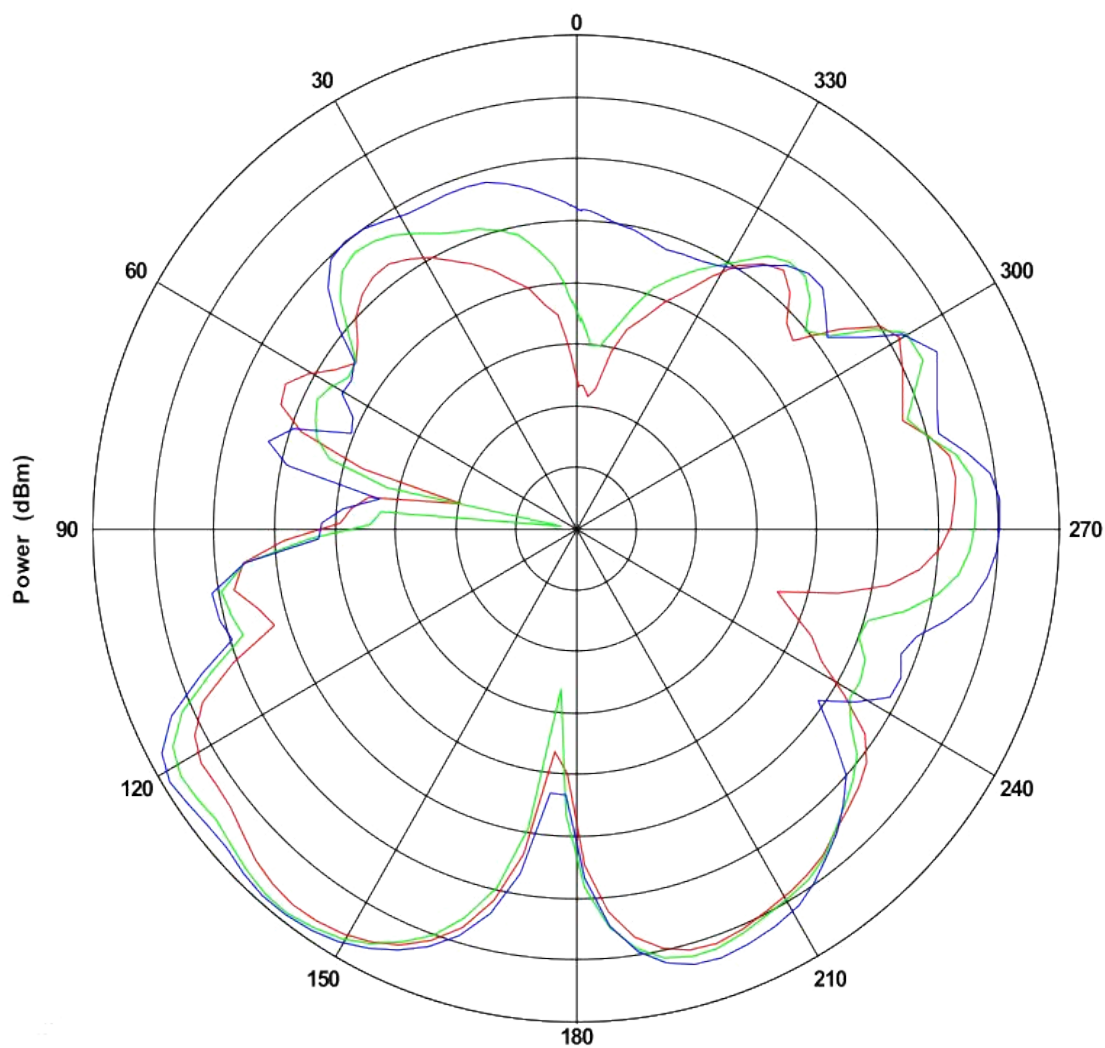
| ITEM                 | SPEC.                   |         |         |          |         |         |
|----------------------|-------------------------|---------|---------|----------|---------|---------|
| Model Name           |                         |         |         |          |         |         |
| Center Frequency     | Horizontal              |         |         | Vertical |         |         |
|                      | 2400MHz                 | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                      | -1.66                   | -0.84   | -0.61   | -6.16    | -3.65   | -2.21   |
| MAX. Gain            | -0.61                   |         |         |          |         |         |
| Polarization         | Horizontal and Vertical |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional        |         |         |          |         |         |
| Impedance            | 50 Ohm                  |         |         |          |         |         |
| Antenna Length       | 31.75mm                 |         |         |          |         |         |
| Manufacture          | Dongguan Couson         |         |         |          |         |         |

Antenna Photo & Length (mm)



Horizontal:

2400 MHz 2450 MHz 2500 MHz



Max: 0

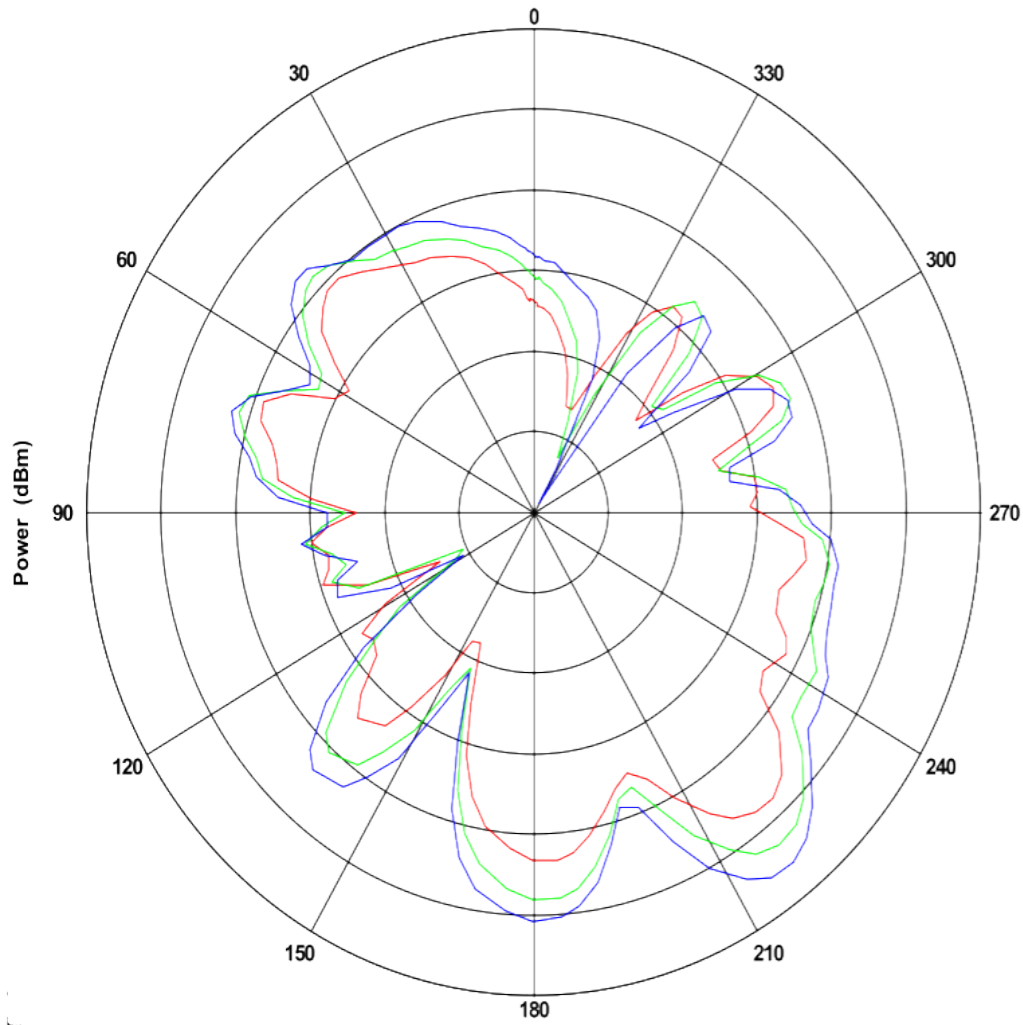
Min: -40

Scale: 5/div

| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max.      | Min.     | Avg.     |
| 2400               | -1.66179  | -30.2813 | -8.78713 |
| 2450               | -0.84781  | -38.7595 | -7.87812 |
| 2500               | -0.6156   | -23.6329 | -6.99139 |

Vertical:

2400 MHz 2450 MHz 2500 MHz



**Max: 0**

**Min: -30**

**Scale: 5/div**

| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max.      | Min.     | Avg.     |
| 2400               | -6.1623   | -23.1425 | -12.5295 |
| 2450               | -3.6534   | -26.2866 | -10.6699 |
| 2500               | -2.21101  | -29.4381 | -9.58526 |