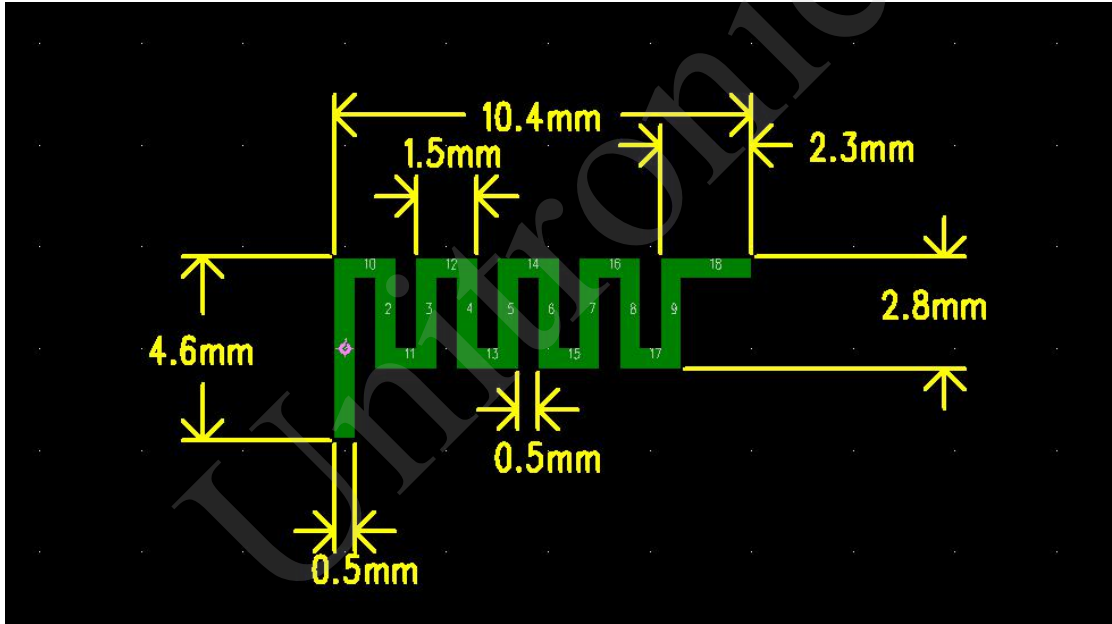


## ANTENNA SPECIFICATION

### Summary

|                  |                         |         |         |          |         |         |
|------------------|-------------------------|---------|---------|----------|---------|---------|
| ITEM             | ANT SPEC                |         |         |          |         |         |
| Model Name       | 2.4G ANT                |         |         |          |         |         |
| Antenna plate    | PCB antenna             |         |         |          |         |         |
| Center Frequency | Horizontal              |         |         | Vertical |         |         |
|                  | 2400MHz                 | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                  | -1.66                   | -0.84   | 0       | -6.16    | -3.65   | -2.21   |
| MAX. Gain        | 0                       |         |         |          |         |         |
| Polarization     | Horizontal and Vertical |         |         |          |         |         |
| Impedance        | 50 Ohm                  |         |         |          |         |         |
|                  |                         |         |         |          |         |         |

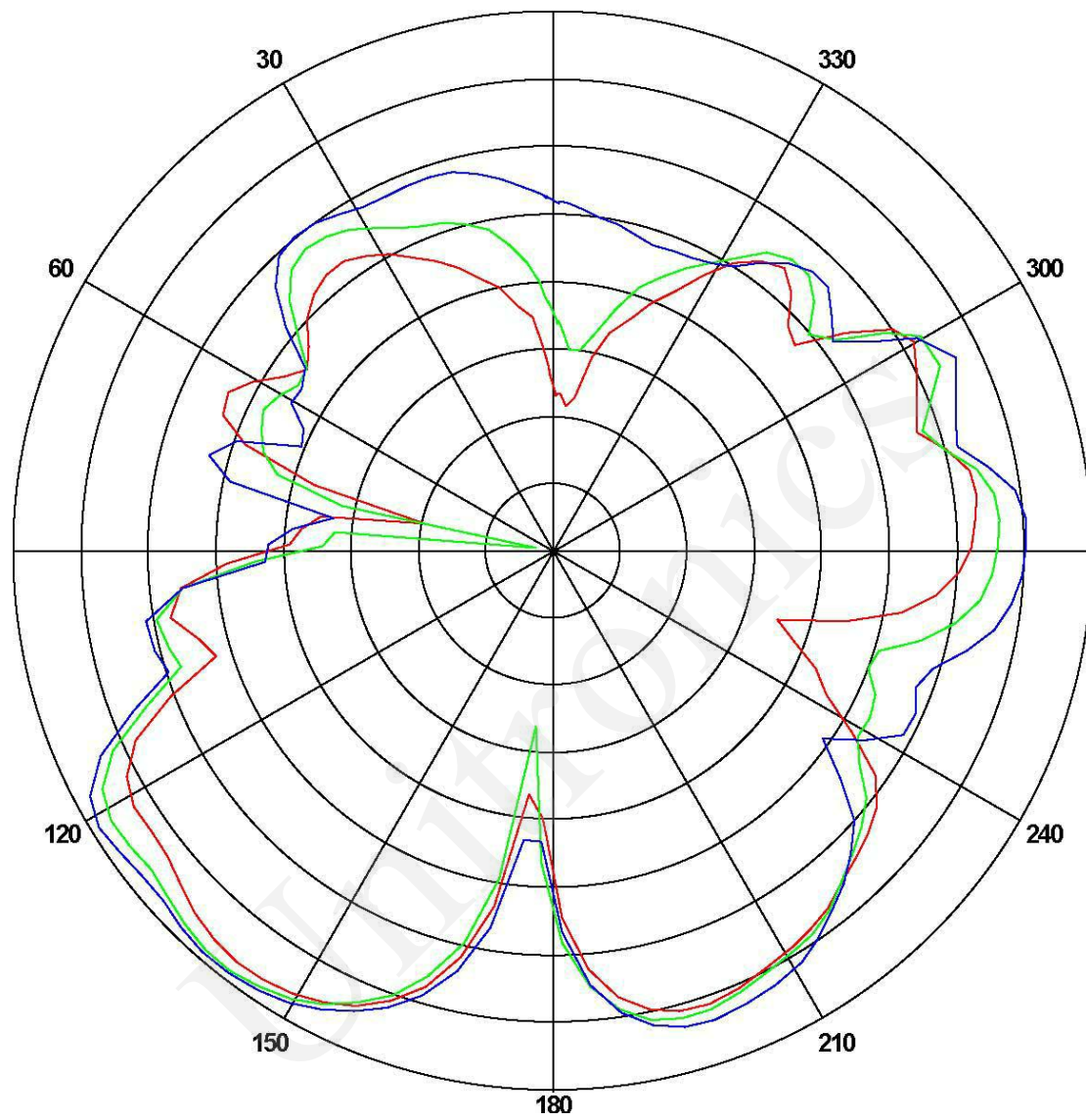
Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

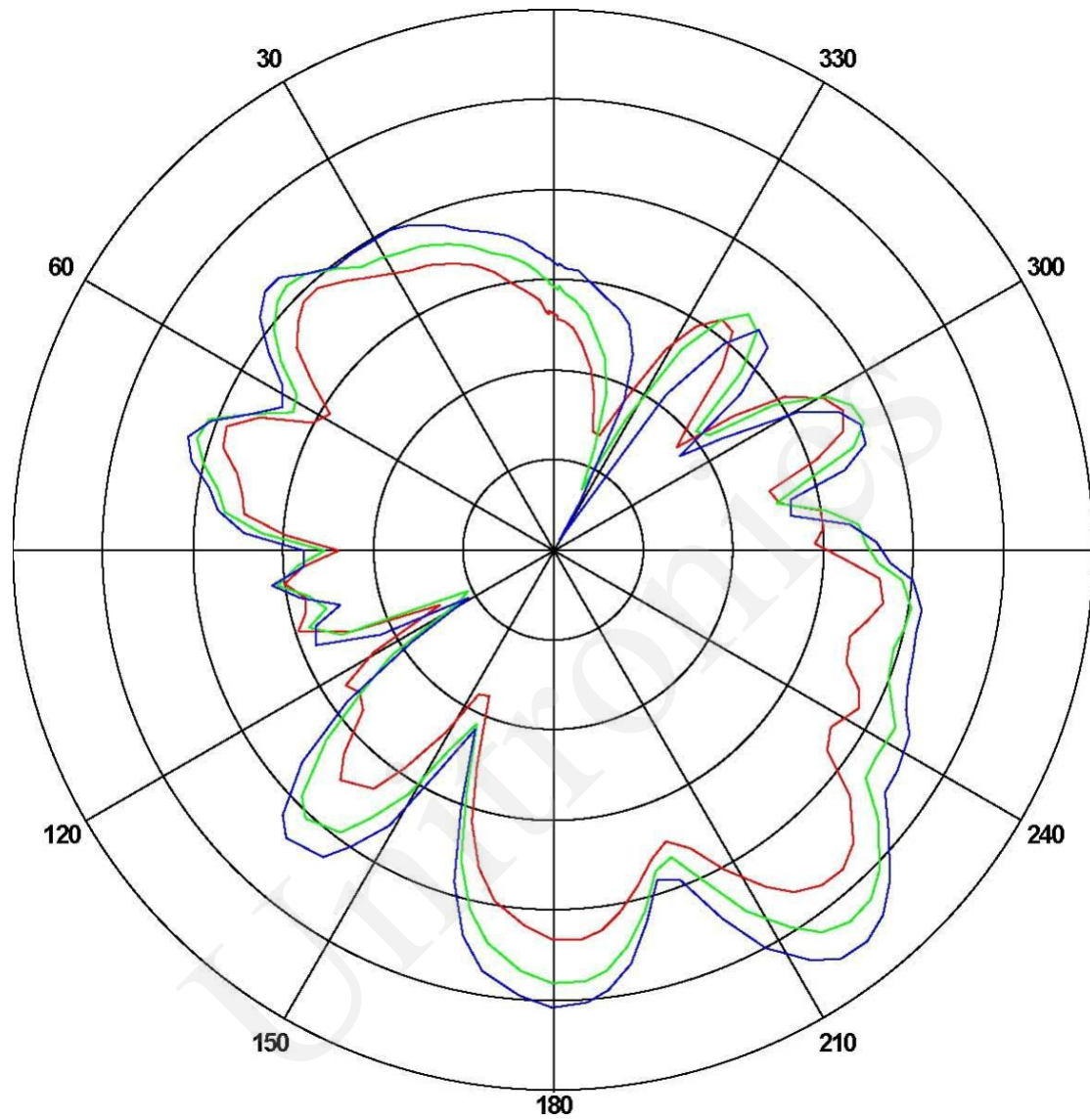


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max.      | Min      | Avg.     |
| 2400               | -1.66179  | -30.2813 | -8.78713 |
| 2450               | -0.847811 | -38.7595 | -7.87812 |
| 2500               | -0.000000 | -23.6329 | -6.99139 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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 |