

# ANTENNA SPECIFICATION

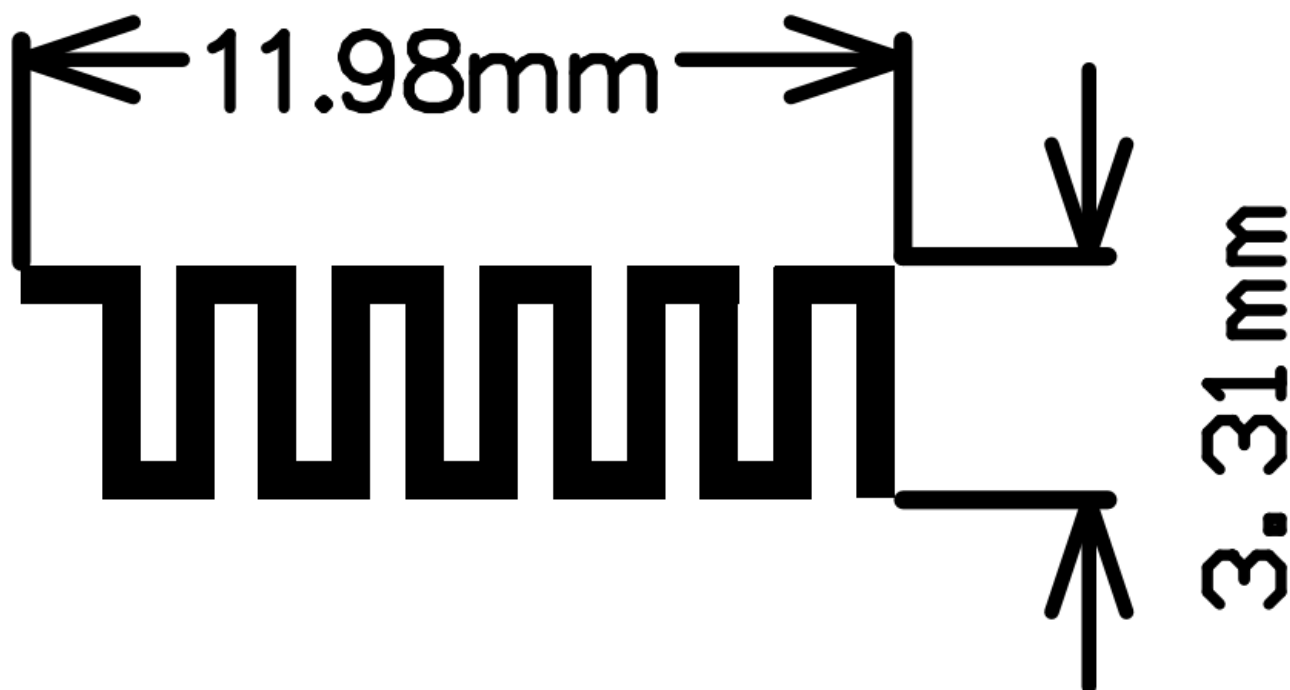
## Specifications

### Summary

| ITEM                 | SPEC.                   |         |         |          |         |         |
|----------------------|-------------------------|---------|---------|----------|---------|---------|
| Model Name           |                         |         |         |          |         |         |
| Center Frequency     | Horizontal              |         |         | Vertical |         |         |
|                      | 2403MHz                 | 2442MHz | 2480MHz | 2403MHz  | 2442MHz | 2480MHz |
|                      | -2.64                   | -1.89   | -1.66   | -7.09    | -4.70   | -3.15   |
| MAX. Gain            | -1.66                   |         |         |          |         |         |
| Polarization         | Horizontal and Vertical |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional        |         |         |          |         |         |
| Impedance            | 50 Ohm                  |         |         |          |         |         |
| Antenna Length       | 38.5mm                  |         |         |          |         |         |
| Antenna Type         | PCB Antenna             |         |         |          |         |         |

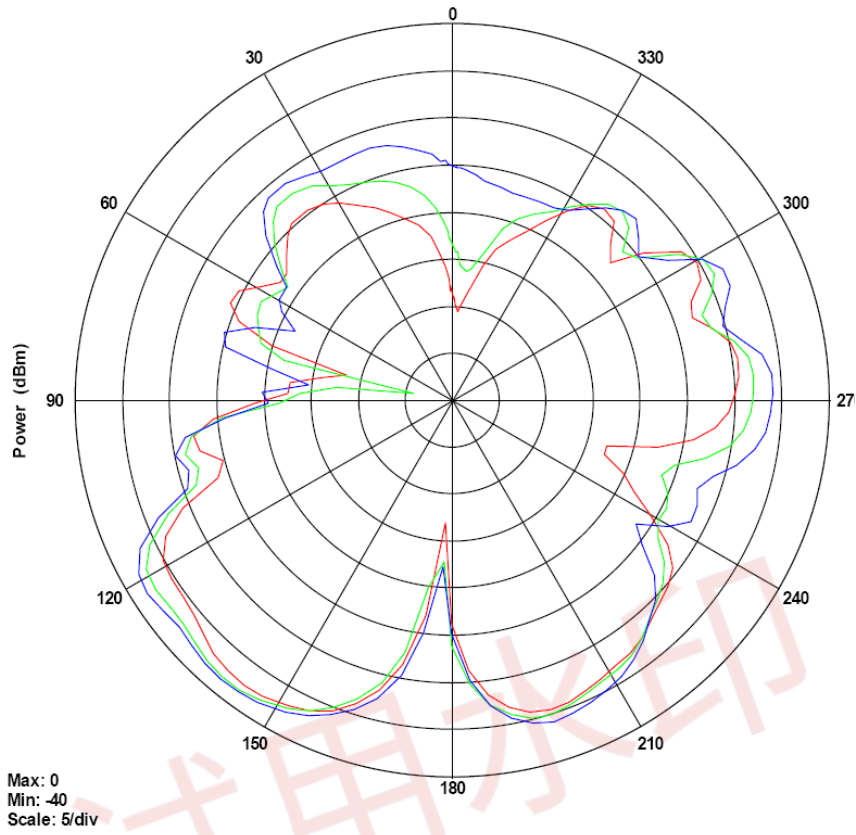
TestAddress : Uni tronTechnologi es Corporation , NanshanSci enceand Technology Park  
North LanguangScience and Technology Park C408shenzhen

### Antenna Photo & Length (mm)



Horizontal:

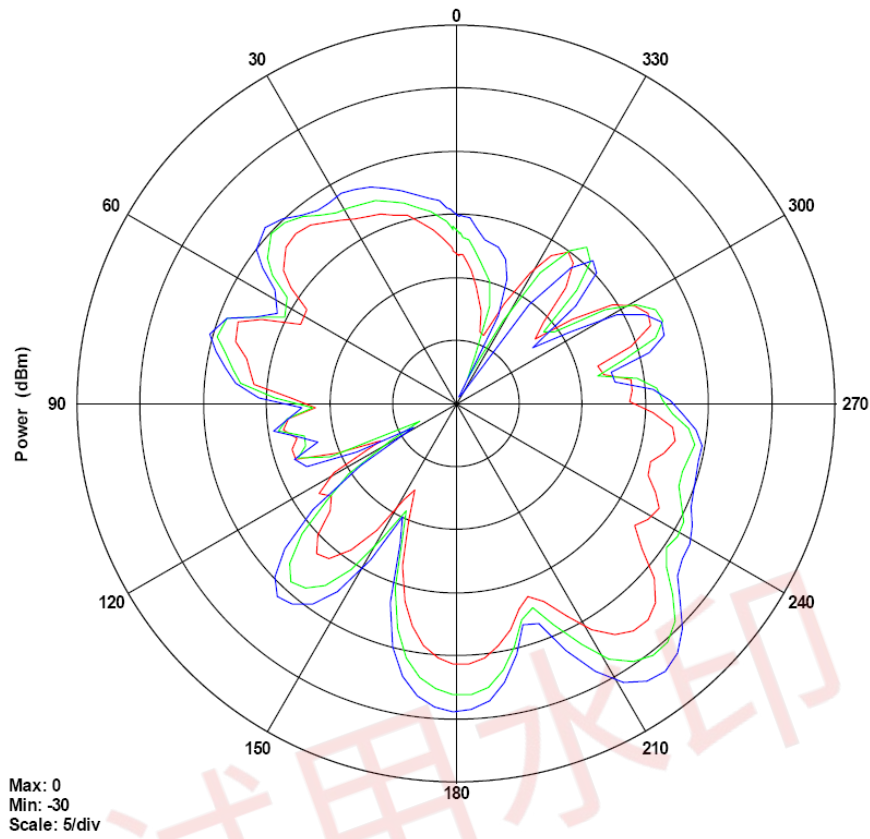
2403MHz 2442MHz 2480MHz



| Frequency (MHz) | Gain (dBi) |          |          |
|-----------------|------------|----------|----------|
|                 | Max.       | Min.     | Avg.     |
| 2403            | -2.64776   | -30.6718 | -9.77028 |
| 2442            | -1.89964   | -35.918  | -8.87095 |
| 2480            | -1.66516   | -24.7457 | -7.99065 |

Vertical:

2403MHz    2442MHz    2480MHz



| Frequency (MHz) | Gain (dBi) |          |          |
|-----------------|------------|----------|----------|
|                 | Max.       | Min.     | Avg.     |
| 2403            | -7.09317   | -24.1891 | -13.5194 |
| 2442            | -4.7048    | -27.8246 | -11.666  |
| 2480            | -3.1576    | -29.4867 | -10.5684 |