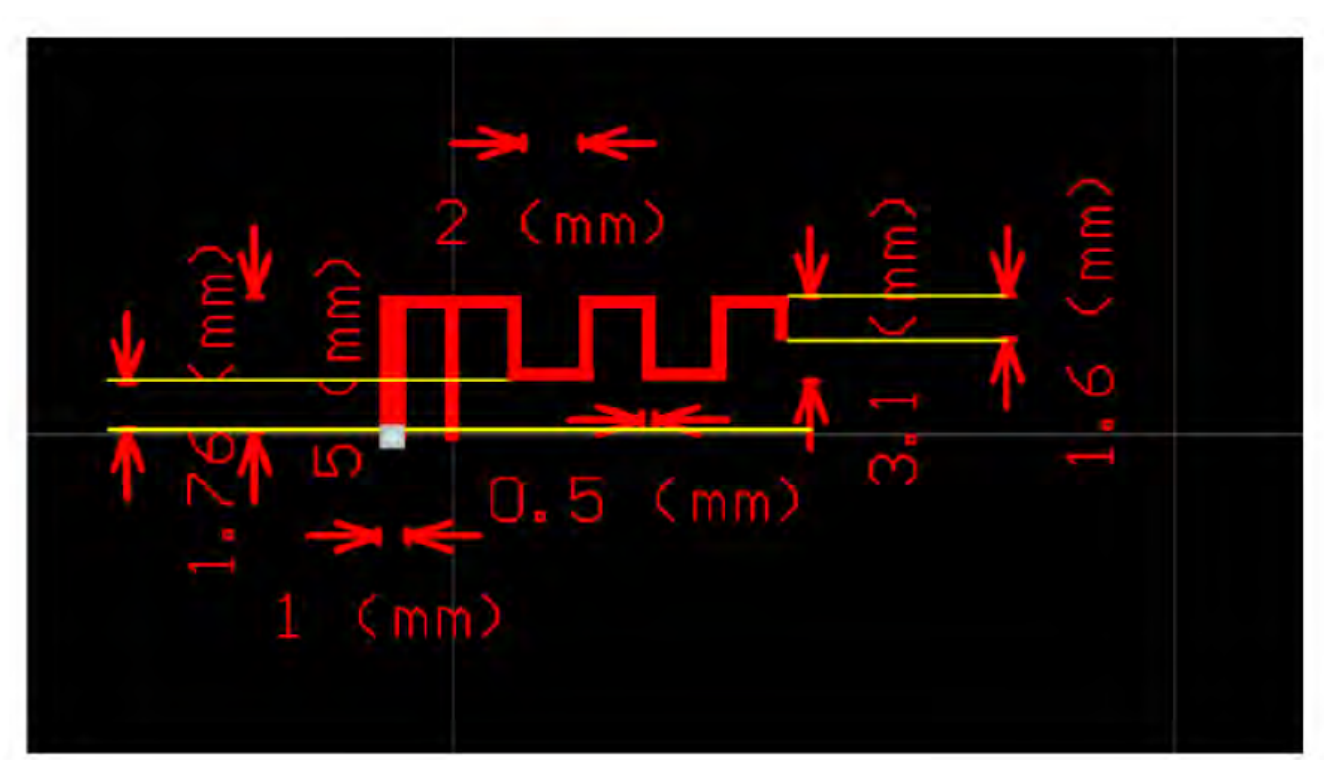


# Antenna Specification

## Summary

|                      |                                                 |
|----------------------|-------------------------------------------------|
| ITEM                 | ANT SPEC                                        |
| Model Name           | 2.4G ANT                                        |
|                      |                                                 |
| MAX. Gain            | 1.08dBi                                         |
| Polarization         | Horizontal and Vertical                         |
| Azimuth Beam Pattern | Omni-directional                                |
| Impedance            | 50 Ohm                                          |
| Antenna Length       | 38.20mm                                         |
| Manufacture          | Glowworm (Shenzhen) Lighting Technology Co.,Ltd |

## Antenna Photo & Length (mm)



## 4. 2D Radiation characteristics of antenna

### 4.1 characteristics of antenna(VEC 03)



| Frequency VNA<br>(MHz) | Gain (Peak)<br>(dBi) |
|------------------------|----------------------|
| 2400MHz                | 0.0403503            |
| 2410MHz                | 0.0886264            |
| 2420MHz                | 0.267381             |
| 2430MHz                | 0.193012             |
| 2440MHz                | 0.26366              |
| 2450MHz                | 0.0723139            |
| 2460MHz                | 0.36895              |
| 2470MHz                | 0.551525             |
| 2480MHz                | 0.640702             |
| 2490MHz                | 1.05232              |
| 2500MHz                | 1.08443              |
|                        |                      |
|                        |                      |