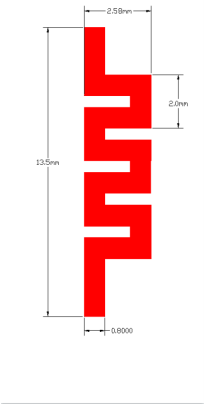
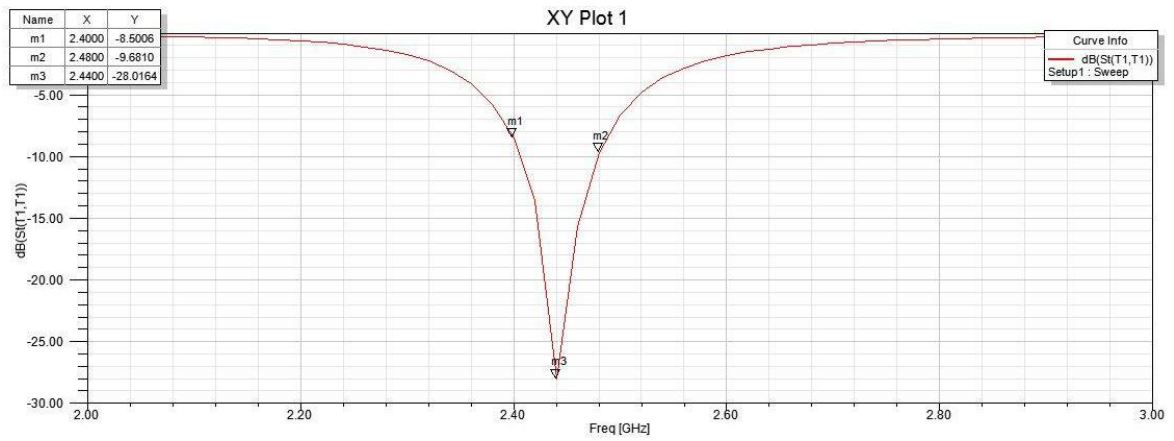


# 2.4 GHz PCB Antenna Specifications

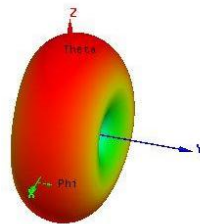
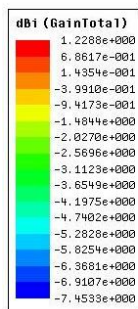
## 1. Summary

| Item            | Units | Value                                                                                |
|-----------------|-------|--------------------------------------------------------------------------------------|
| Outline         |       |    |
| Dimension       | mm    | L=13.5, H=2.58                                                                       |
| Frequency Band  | MHz   | 2400~2480                                                                            |
| Antenna Type    |       | PCB                                                                                  |
| Model           |       | V9 Mouse                                                                             |
| Max Gain        | dBi   | 1.2                                                                                  |
| Input Impedance | Ohm   | 50                                                                                   |
| Manufacture     |       | SHENZHEN BOSAIJIE ELECTRON CO.,LTD                                                   |
| Trademark       |       |  |

## 2. S11

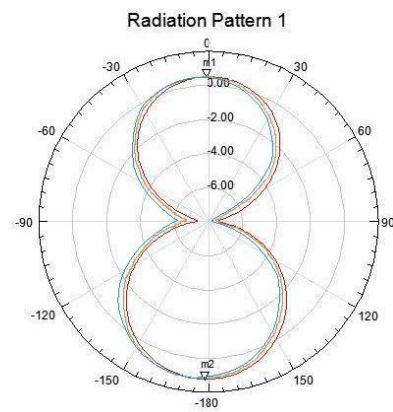


### 3. Radiation Pattern



| Freq    | Phi      | Ang       | dBi    |
|---------|----------|-----------|--------|
| 2.40GHz | 360.0000 | -0.0000   | 0.5040 |
| 2.40GHz | 181.0000 | -179.0000 | 1.2235 |
| 2.44GHz | 360.0000 | -0.0000   | 0.5071 |
| 2.44GHz | 181.0000 | -179.0000 | 1.2262 |
| 2.48GHz | 360.0000 | -0.0000   | 0.5012 |
| 2.48GHz | 181.0000 | -179.0000 | 1.2220 |

XY\_Plane

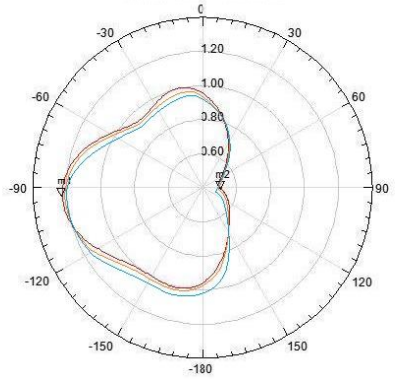


| Curve Info                  |
|-----------------------------|
| dB <sub>i</sub> (GainTotal) |
| Setup1: LastAdaptive        |
| Freq=2.40GHz' Theta=90deg'  |
| dB <sub>i</sub> (GainTotal) |
| Setup1: LastAdaptive        |
| Freq=2.44GHz' Theta=90deg'  |
| dB <sub>i</sub> (GainTotal) |
| Setup1: LastAdaptive        |
| Freq=2.48GHz' Theta=90deg'  |

| Freq    | Theta    | Ang      | dBi    |
|---------|----------|----------|--------|
| 2.40GHz | -93.0000 | -93.0000 | 1.2232 |
| 2.40GHz | 92.0000  | 92.0000  | 0.5092 |
| 2.44GHz | -93.0000 | -93.0000 | 1.2257 |
| 2.44GHz | 92.0000  | 92.0000  | 0.5101 |
| 2.48GHz | -93.0000 | -93.0000 | 1.2215 |
| 2.48GHz | 92.0000  | 92.0000  | 0.5075 |

XZ\_Plane

Radiation Pattern 2

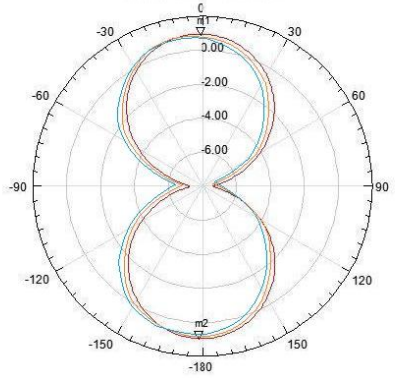


| Curve Info            |
|-----------------------|
| dBi (GainTotal)       |
| Setup1: LastAdaptive  |
| Freq=2.40GHz Phi=0deg |
| dBi (GainTotal)       |
| Setup1: LastAdaptive  |
| Freq=2.44GHz Phi=0deg |
| dBi (GainTotal)       |
| Setup1: LastAdaptive  |
| Freq=2.48GHz Phi=0deg |

| Freq    | Theta     | Ang       | dBi    |
|---------|-----------|-----------|--------|
| 2.40GHz | 0.0000    | 0.0000    | 0.9522 |
| 2.40GHz | -179.0000 | -179.0000 | 0.9560 |
| 2.44GHz | 0.0000    | 0.0000    | 0.9557 |
| 2.44GHz | -179.0000 | -179.0000 | 0.9583 |
| 2.48GHz | 0.0000    | 0.0000    | 0.9513 |
| 2.48GHz | -179.0000 | -179.0000 | 0.9541 |

YZ\_Plane

Radiation Pattern 3



| Curve Info             |
|------------------------|
| dBi (GainTotal)        |
| Setup1: LastAdaptive   |
| Freq=2.40GHz Phi=90deg |
| dBi (GainTotal)        |
| Setup1: LastAdaptive   |
| Freq=2.44GHz Phi=90deg |
| dBi (GainTotal)        |
| Setup1: LastAdaptive   |
| Freq=2.48GHz Phi=90deg |