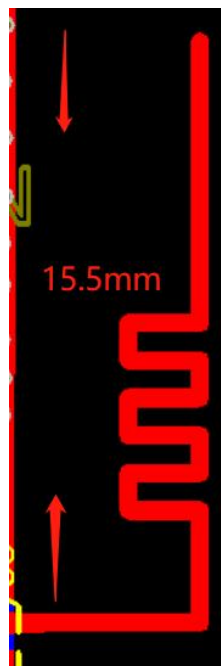


## TM137G ANTENNA SPECIFICATION

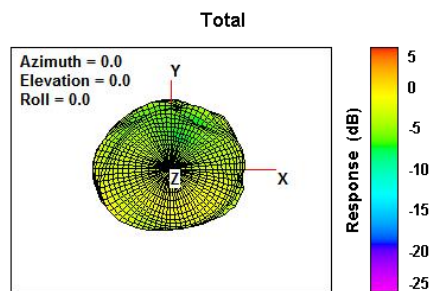
### Summary

| ITEM                 | MOUSE ANT SPEC                             |         |         |          |         |         |
|----------------------|--------------------------------------------|---------|---------|----------|---------|---------|
| Model Name           | 2.4G ANT                                   |         |         |          |         |         |
| Center Frequency     | Horizontal                                 |         |         | Vertical |         |         |
|                      | 2403MHz                                    | 2441MHz | 2479MHz | 2403MHz  | 2441MHz | 2479MHz |
|                      | -1.89                                      | -0.77   | 0.89    | 2.9      | 2.97    | 3.06    |
| MAX. Gain            | 3.06dBi                                    |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                    |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                           |         |         |          |         |         |
| Impedance            | 50 Ohm                                     |         |         |          |         |         |
| Antenna Length       | 15.5mm                                     |         |         |          |         |         |
| Manufacture          | Shuochuang Electronic Technology Co., Ltd. |         |         |          |         |         |
| Antenna type         | PCB antenna                                |         |         |          |         |         |

### Antenna Photo & Length (mm)

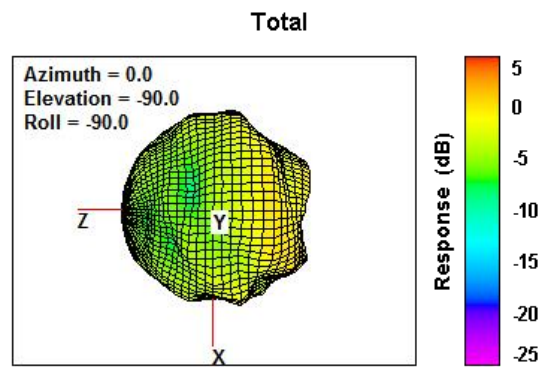


Horizontal: 2400 MHz 2450 MHz 2500 MHz  
Power (dBm)



| Frequency<br>(MHz) | Gain(dB) |       |       |
|--------------------|----------|-------|-------|
|                    | Max      | Min   | Avg   |
| 2403               | -1.89    | -5.46 | -3.2  |
| 2441               | -0.77    | -4.76 | -2.88 |
| 2479               | 0.89     | -3.78 | -2.32 |

Vertical: 2403 MHz 2441MHz 2479 MHz  
Power (dBm)



| Frequency<br>(MHz) | Gain(dB) |       |       |
|--------------------|----------|-------|-------|
|                    | Max      | Min   | Avg   |
| 2403               | 2.9      | -4.89 | -2.87 |
| 2441               | 2.97     | -3.98 | -2.21 |
| 2479               | 3.06     | -2.97 | -1.24 |