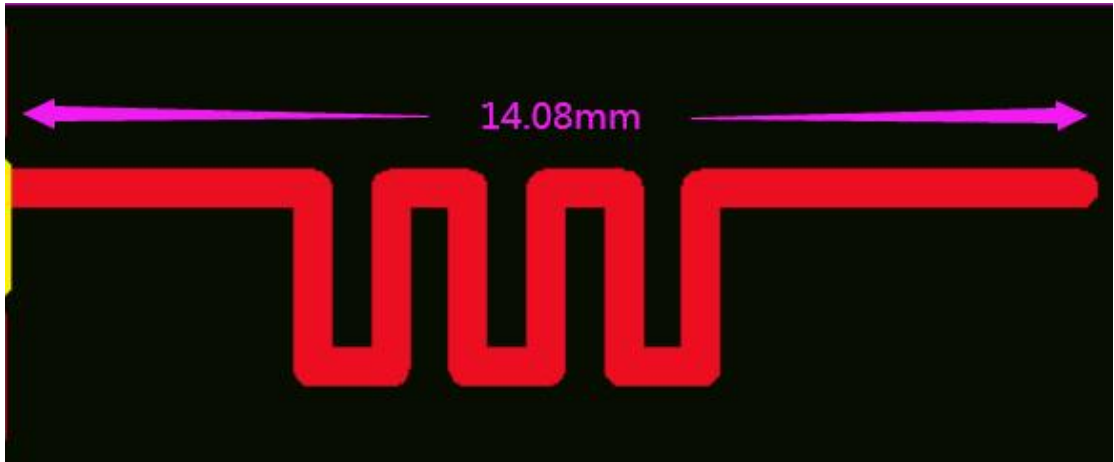


# ANTENNA SPECIFICATION

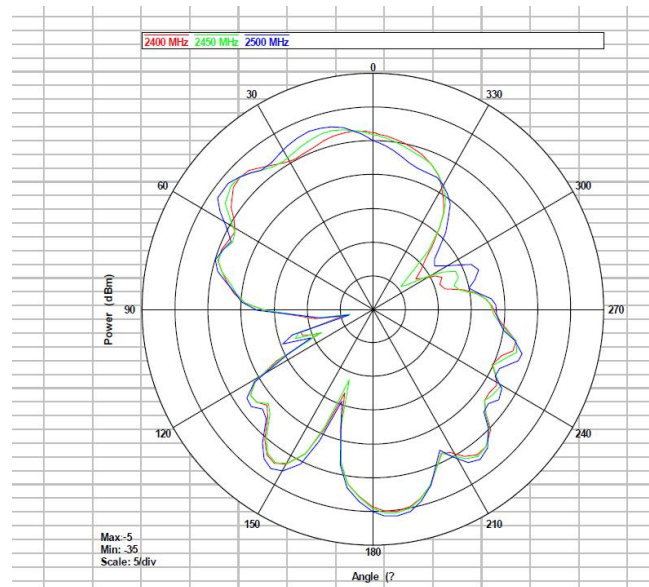
## Summary

|                            |                                                  |         |         |          |         |         |
|----------------------------|--------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                       | Mouse ANT SPEC                                   |         |         |          |         |         |
| Model Name                 | 2.4G ANT                                         |         |         |          |         |         |
| Center<br>Frequency<br>dBi | Horizontal                                       |         |         | Vertical |         |         |
|                            | 2400MHz                                          | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                            | -3.95                                            | -3.87   | -5.99   | -10.3    | -13.8   | -15.5   |
| MAX. Gain                  | -3.87dBi                                         |         |         |          |         |         |
| Polarization               | Horizontal and Vertical                          |         |         |          |         |         |
| Azimuth Beam<br>Pattern    | Omni-directional                                 |         |         |          |         |         |
| Impedance                  | 50 Ohm                                           |         |         |          |         |         |
| Antenna Length             | 14.08mm                                          |         |         |          |         |         |
| Manufacture                | Dongguan Togran Electronics Technology Co., Ltd. |         |         |          |         |         |

## Antenna Photo & Length (mm)

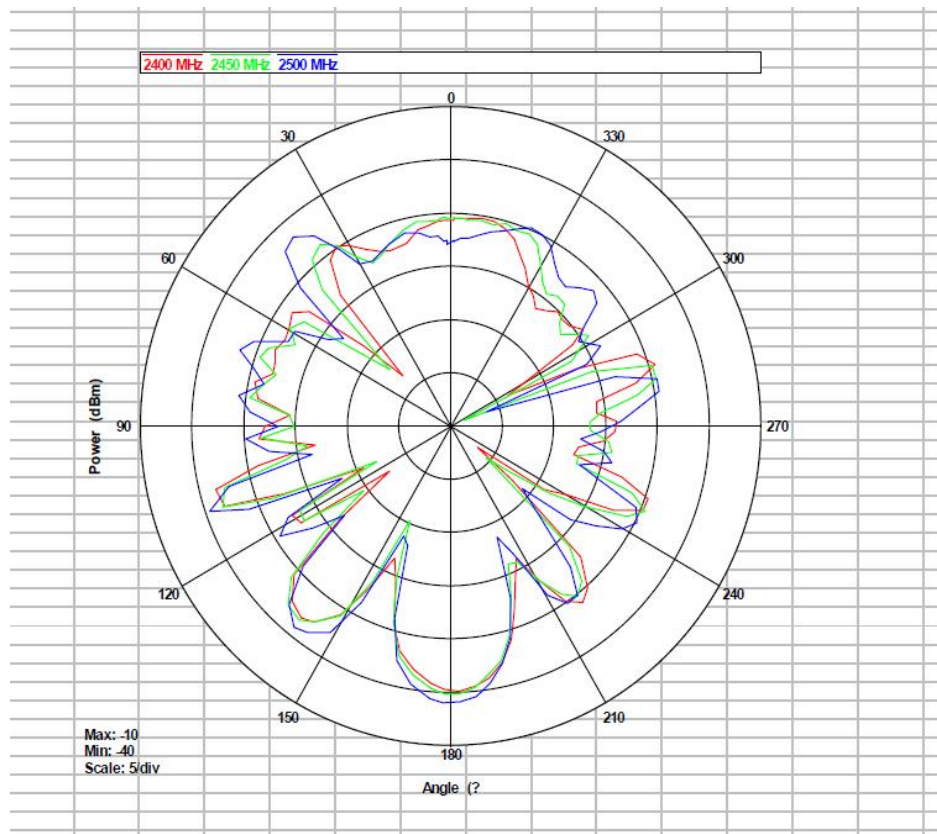


Horizontal: 2400 MHz 2450 MHz 2500 MHz



| Frequency<br>(MHz) | Gain(dBi) |       |       |
|--------------------|-----------|-------|-------|
|                    | Max       | Min   | Avg   |
| 2400               | -3.95     | -11.8 | -6.74 |
| 2450               | -3.87     | -19.9 | -5.86 |
| 2500               | -5.99     | -12.7 | -4.75 |

Vertical: 2400 MHz 2450 MHz 2500 MHz



| Frequency<br>(MHz) | Gain(dB) |       |       |
|--------------------|----------|-------|-------|
|                    | Max      | Min   | Avg   |
| 2400               | -10.3    | -32.1 | -21.5 |
| 2450               | -13.8    | -37.2 | -18.4 |
| 2500               | -15.5    | -29.6 | -18.6 |