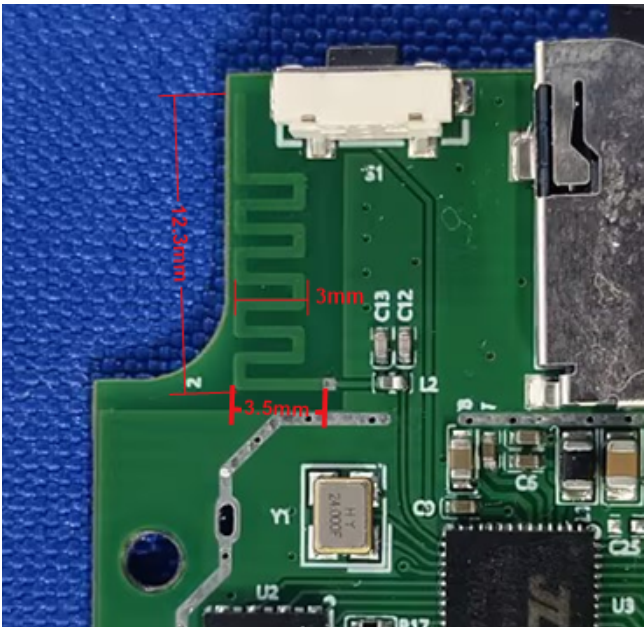


# Antenna Specification

## Summary

|                      |                                                                                                                  |         |         |          |         |         |
|----------------------|------------------------------------------------------------------------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                                                                                                         |         |         |          |         |         |
| Model Name           | BT ANT                                                                                                           |         |         |          |         |         |
| Center Frequency     | Horizontal                                                                                                       |         |         | Vertical |         |         |
|                      | 2400MHz                                                                                                          | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                      | -1.26                                                                                                            | -0.76   | -0.58   | -5.25    | -2.46   | -1.86   |
| MAX. Gain            | -0.58dBi                                                                                                         |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                                                                                          |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                                                                                                 |         |         |          |         |         |
| Impedance            | 50 Ohm                                                                                                           |         |         |          |         |         |
| Antenna Length       | 12.30mm                                                                                                          |         |         |          |         |         |
| Manufacture          | Shenzhen Aodehong Electronic Technology Co., Ltd                                                                 |         |         |          |         |         |
| Address              | 5th Floor, Elegant Industrial Park, No.8 Liuhe Road, Liuyue, Henggang Street, Longgang District, Shenzhen, China |         |         |          |         |         |

## Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div



| Frequency<br>(MHz) | Gain(dBi) |        |       |
|--------------------|-----------|--------|-------|
|                    | Max       | Min    | Avg   |
| 2400               | -1.26     | -30.09 | -7.18 |
| 2450               | -0.76     | -36.56 | -7.48 |
| 2500               | -0.58     | -22.03 | -6.59 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



| Frequency<br>(MHz) | Gain(dBi) |        |        |
|--------------------|-----------|--------|--------|
|                    | Max       | Min    | Avg    |
| 2400               | -5.25     | -22.14 | -12.42 |
| 2450               | -2.46     | -24.58 | -10.47 |
| 2500               | -1.86     | -29.52 | -9.20  |

ANT Test Labs: Attestation of Global Compliance Co., Ltd.