

Antenna Specifications

Manufacturer: Airtouch (Shanghai) Intelligent Technology Co., Ltd
Address: Room 902, Building 2, No. 88 Shangrong Road, Pudong New Area, Shanghai, China

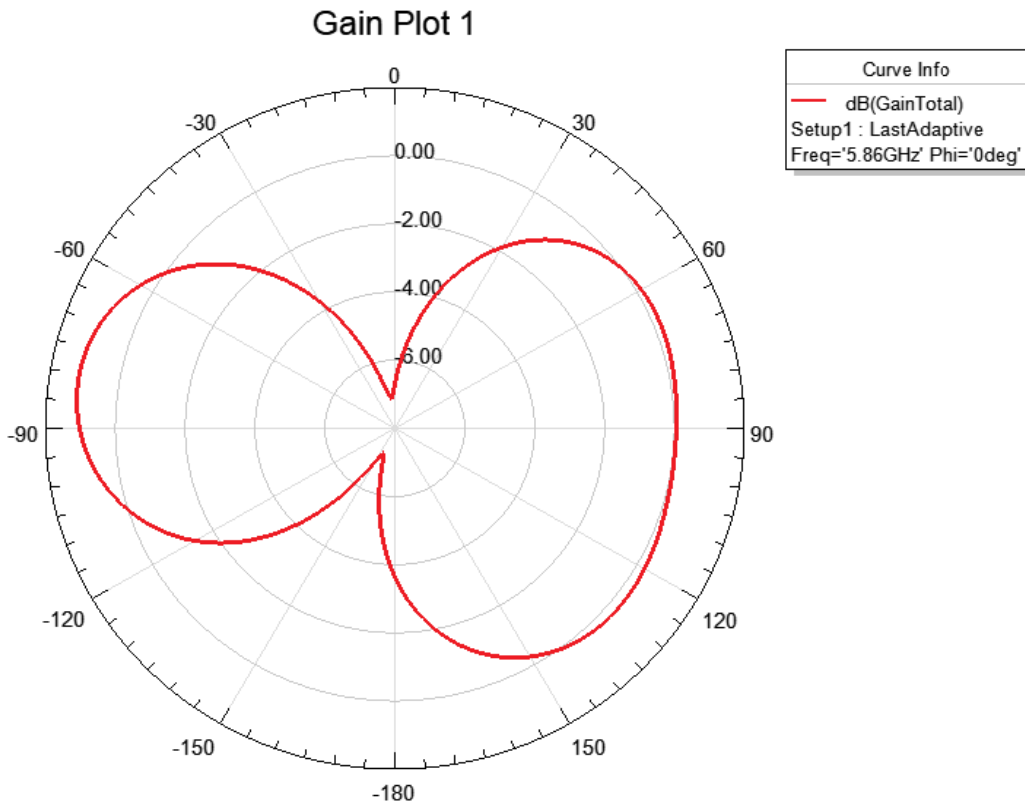
| Design Specifications | Typical |
|-----------------------|----------------|
| Antenna Type* | needle antenna |
| Working Frequency | 5.83-5.87 GHz |
| Max Antenna Gain | 1.7 dBi |
| Antenna Efficiency | ≥ 30% |
| VSWR | ≤ 2 |
| Impedance | 50 ohm |
| Overall Dimensions* | L14mm * D 1 mm |

- **Schematic**

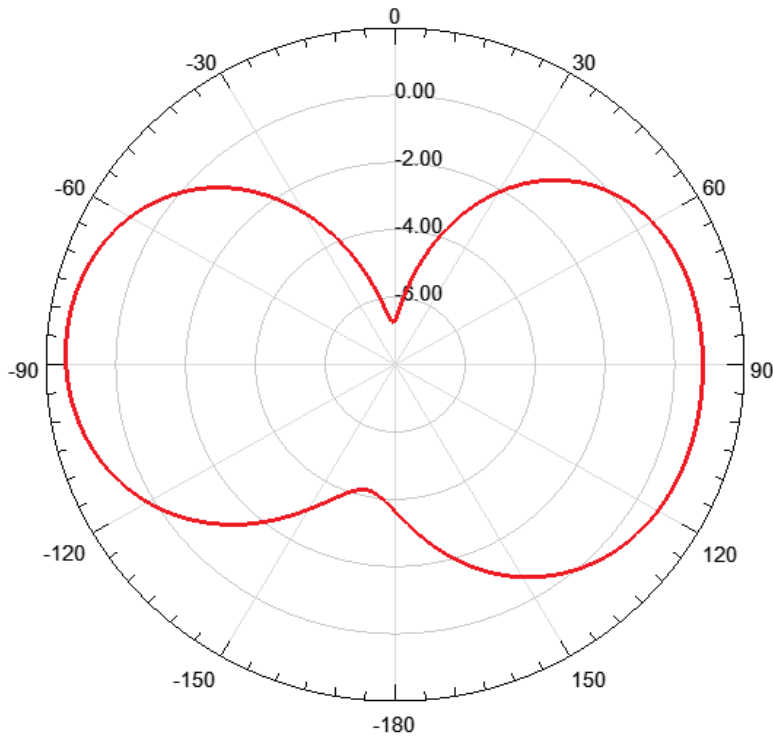
Antenna model: T12-5.8G



- **2D Antenna Gain**

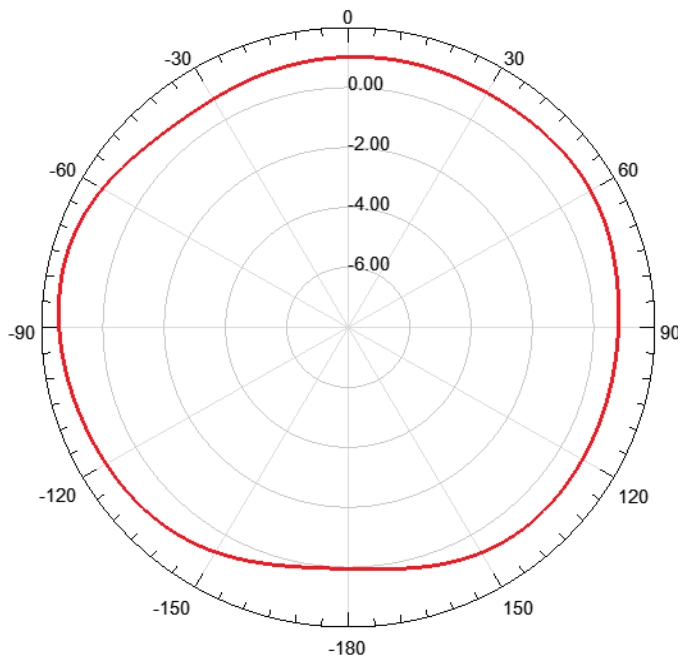


Gain Plot 2



| Curve Info | |
|-----------------------------|---------------|
| — | dB(GainTotal) |
| Setup1 : LastAdaptive | |
| Freq='5.86GHz' Phi='-90deg' | |

Gain Plot 3



| Curve Info | |
|-------------------------------|---------------|
| — | dB(GainTotal) |
| Setup1 : LastAdaptive | |
| Freq='5.86GHz' Theta='-90deg' | |