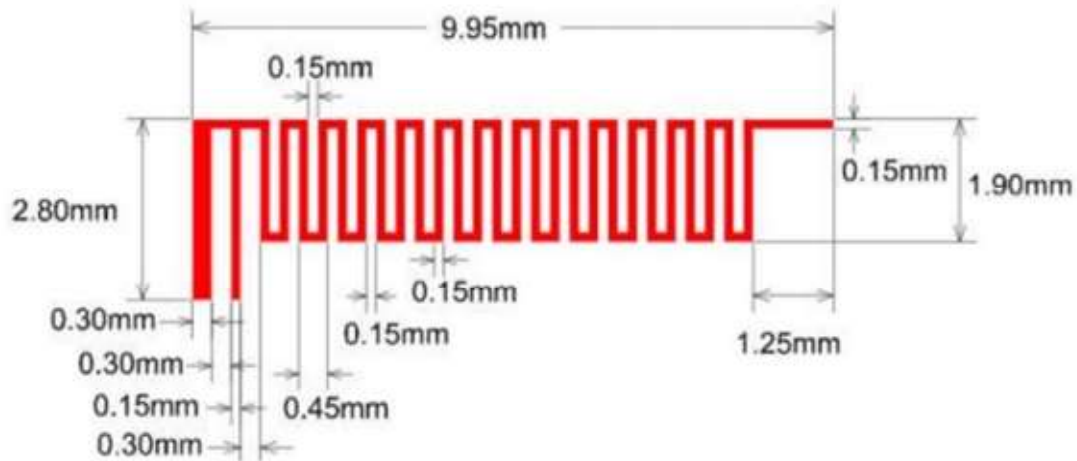


On-board Antenna Datasheet

1. On-board antenna detailed size specifications:



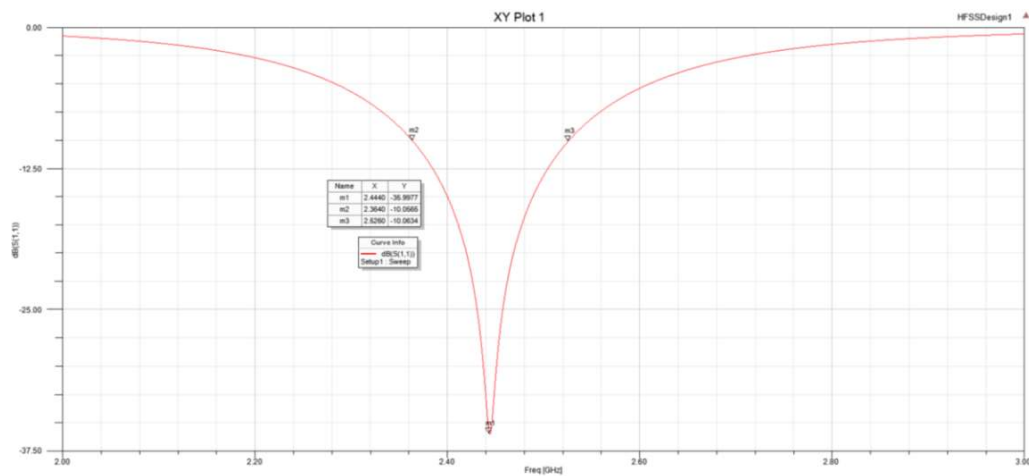
2. Features

- Ultra-small size: 2.8*9.95mm
- 50 ohm impedance
- Maximum gain: 2.3dBi
- Operates in the 2.4GHz band
- Manufacture: Nanjing Qinheng Microelectronics Co., Ltd
- Add:No.18 Ningshuang Road, Yuhuatai District, Nanjing City
- operating temperature 0 to 40 °C / storage temperature -40 to 55 °C

3. Antenna S parameter

10dB operating bandwidth: 156MH

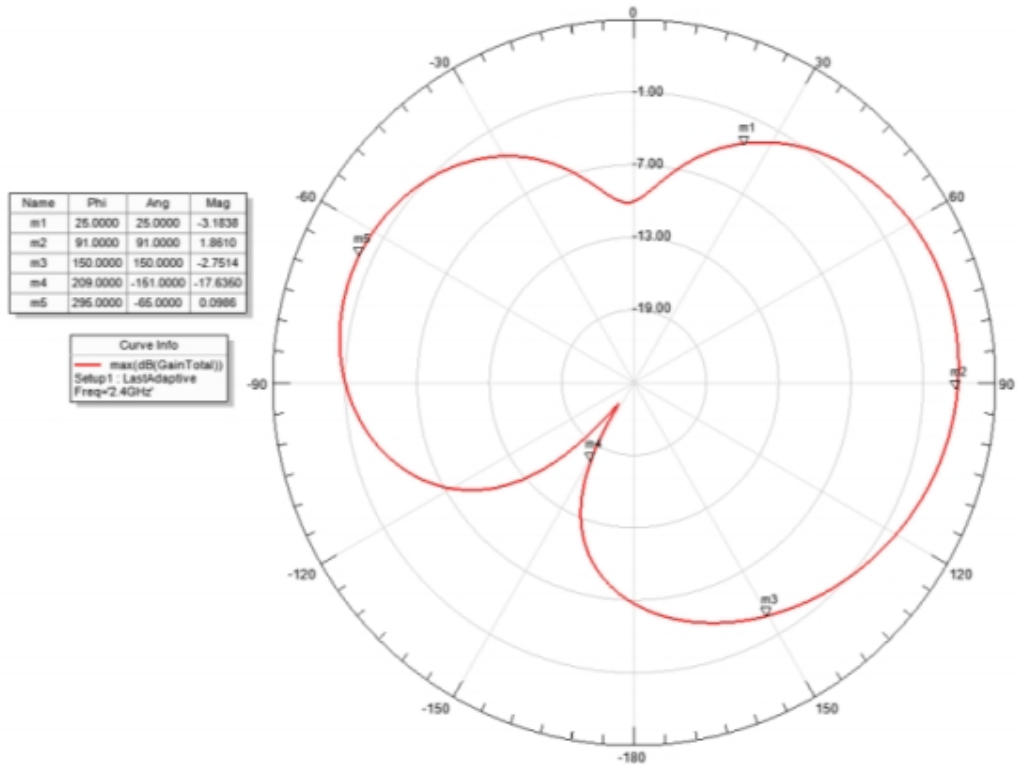
Center band S11:-36dB@2.44GHz



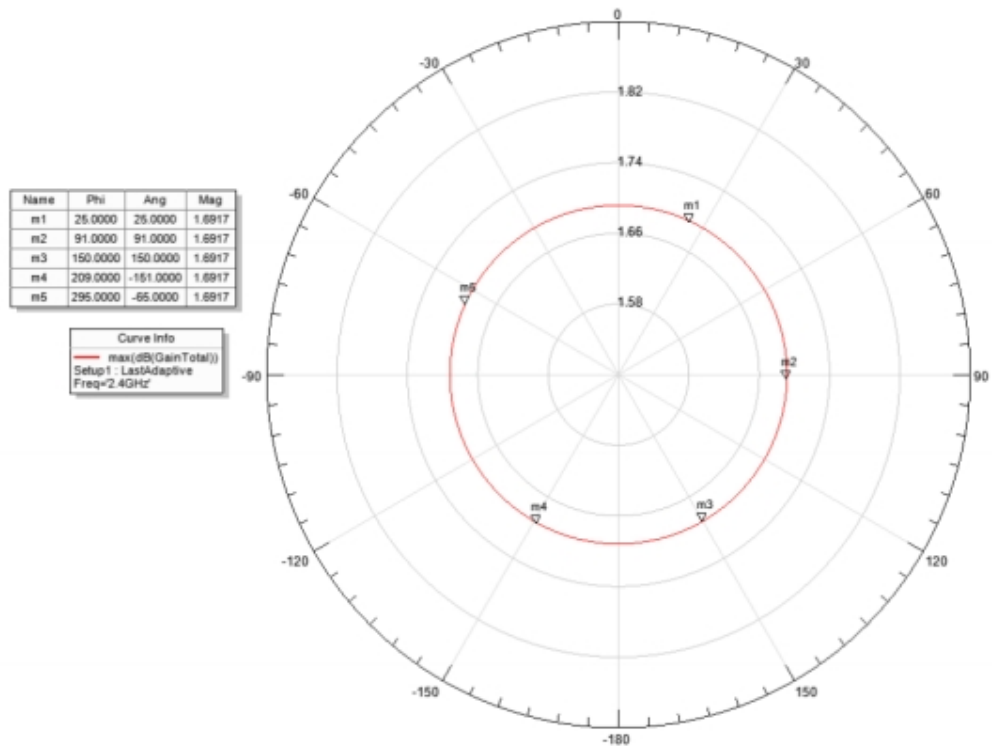
4. Antenna gain

2.4GHz: Maximum gain of 2dBi

E-Side:

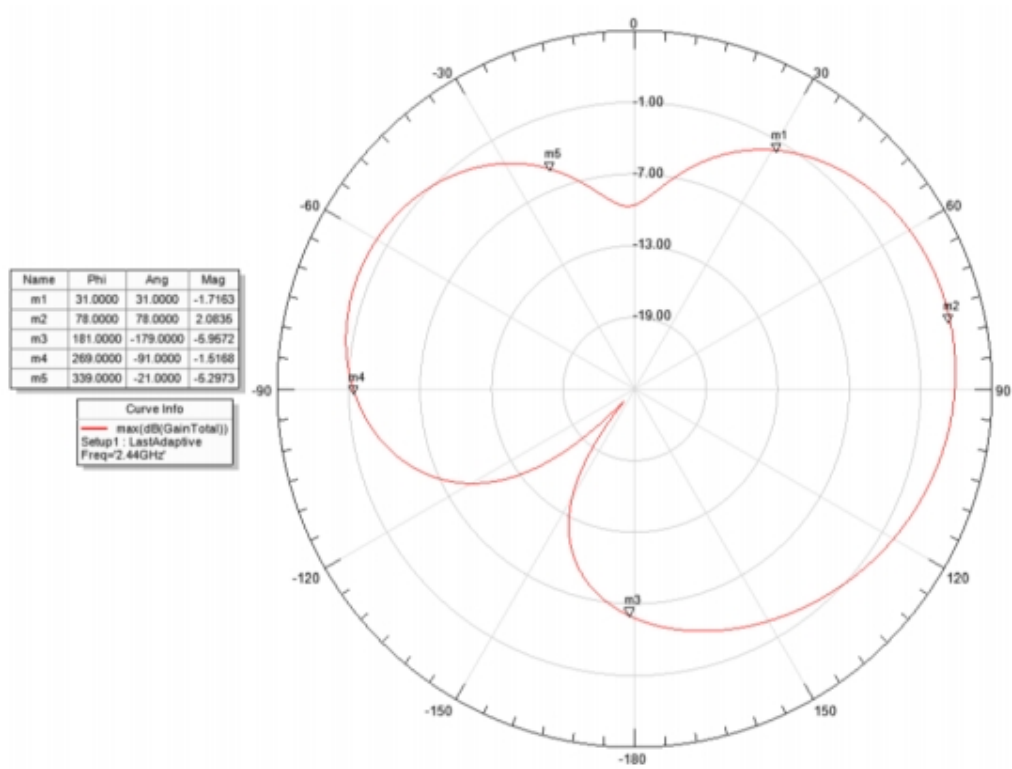


H-side:

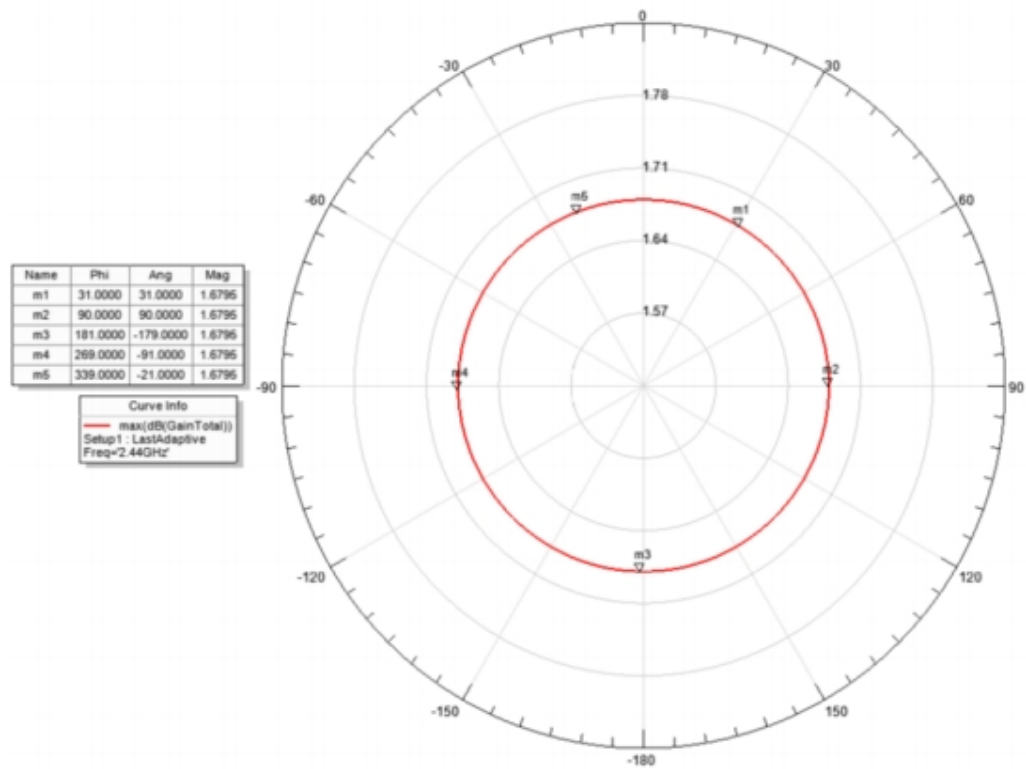


2.44GHz: Maximum gain of 2dBi

E-side

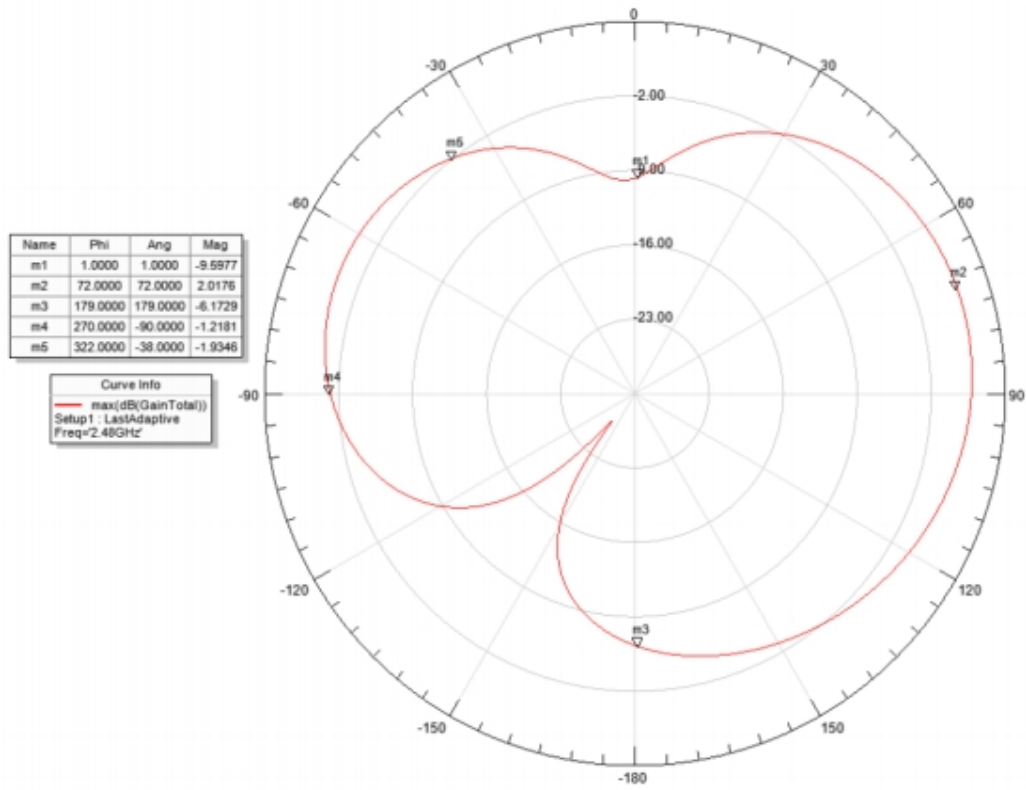


H-side:



2.48GHz: Maximum gain 2dBi

E-Side:



H-side:

