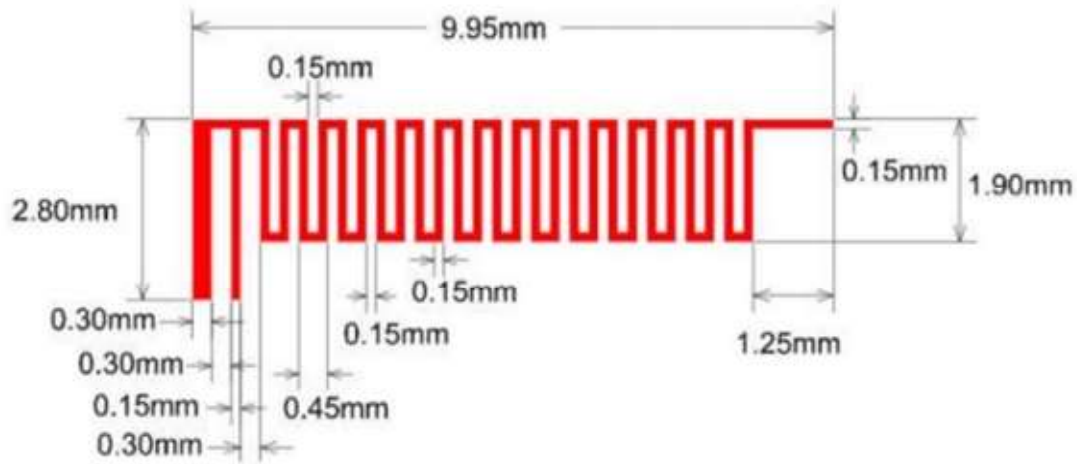


On-board Antenna Datasheet

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

Address: No. 18, Nanjing Ningshuang Road,
Qinheng Science
and Technology Park

Brand Name: Nanjing Qinheng Microelectronics Co., Ltd.

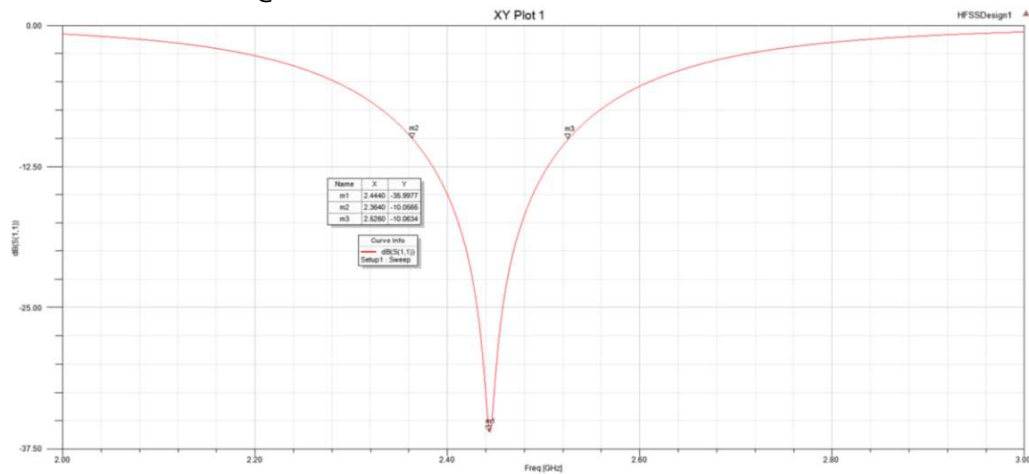
Model Name: ANT-F-1-2.4G-1.0mmFR4-WCH

operating temperature 0 to 40 °C / storage temperature -40 to 55 °C

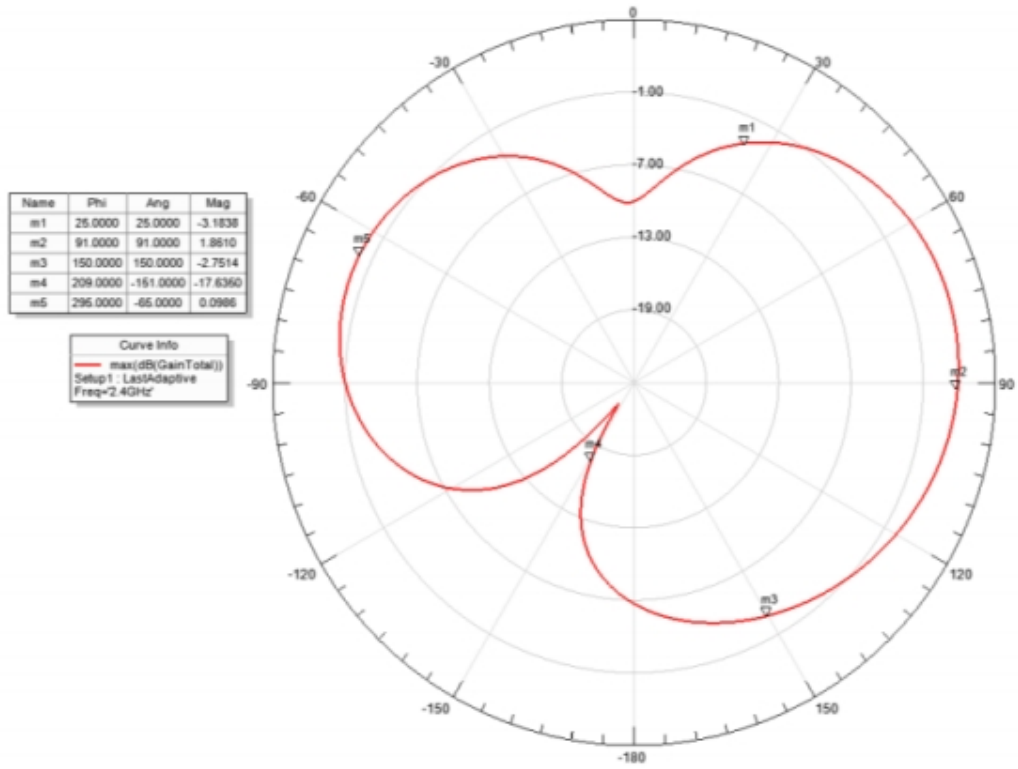
3. Antenna S parameter

10dB operating bandwidth: 156MH

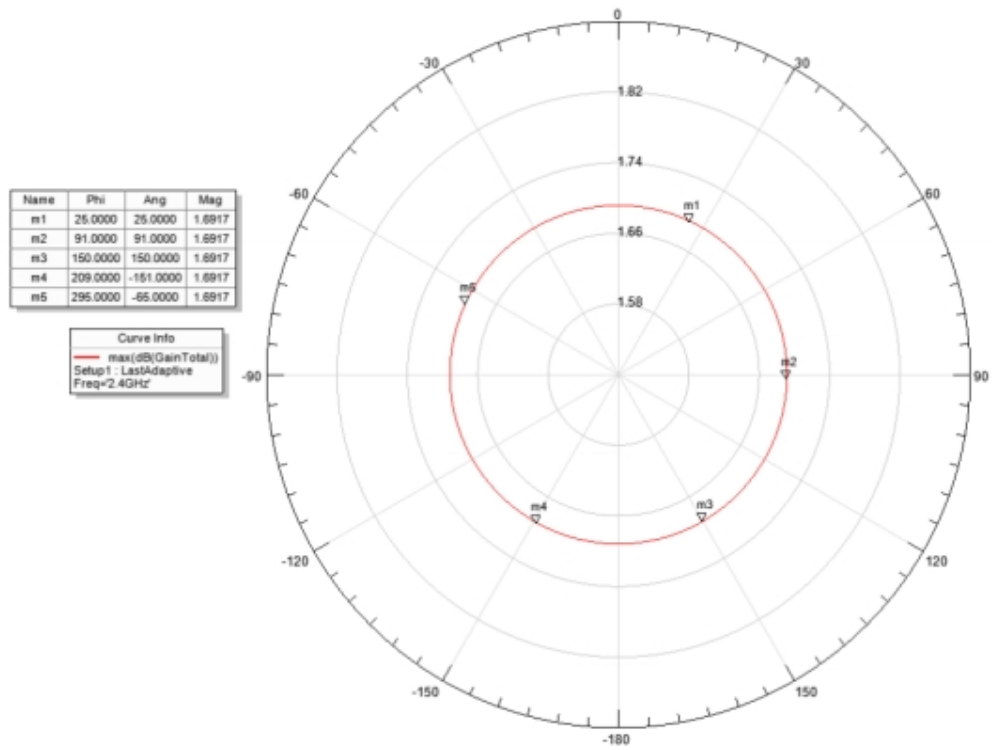
Center band S11:-36dB@2.44GHz



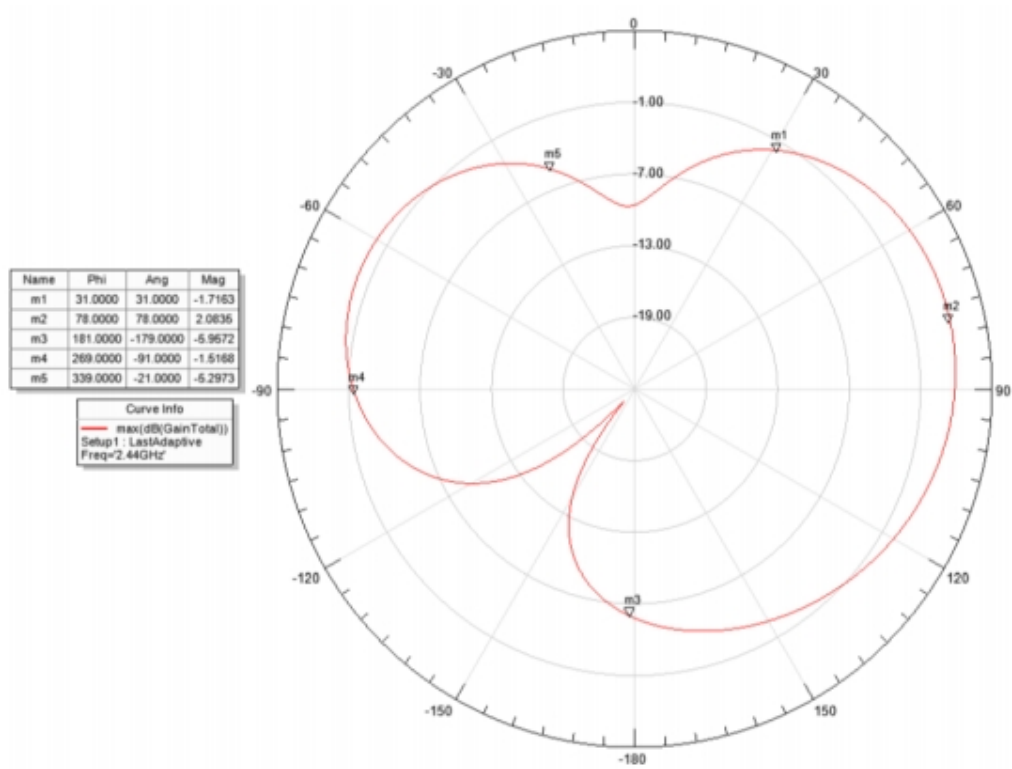
E-Side:



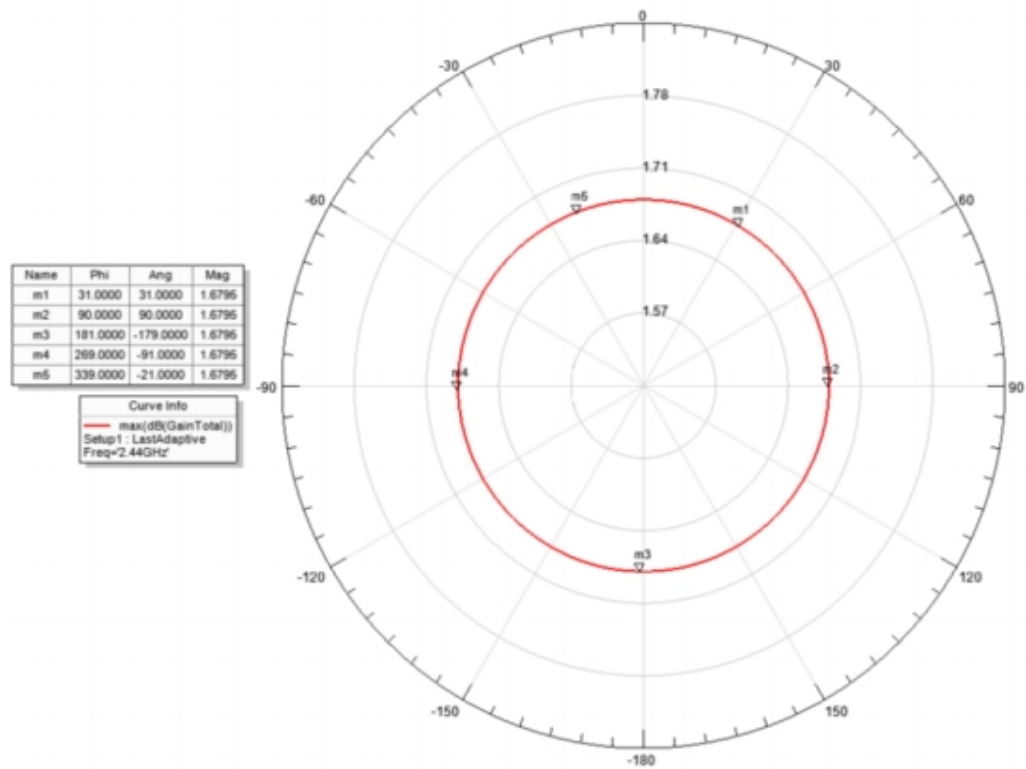
H-side:



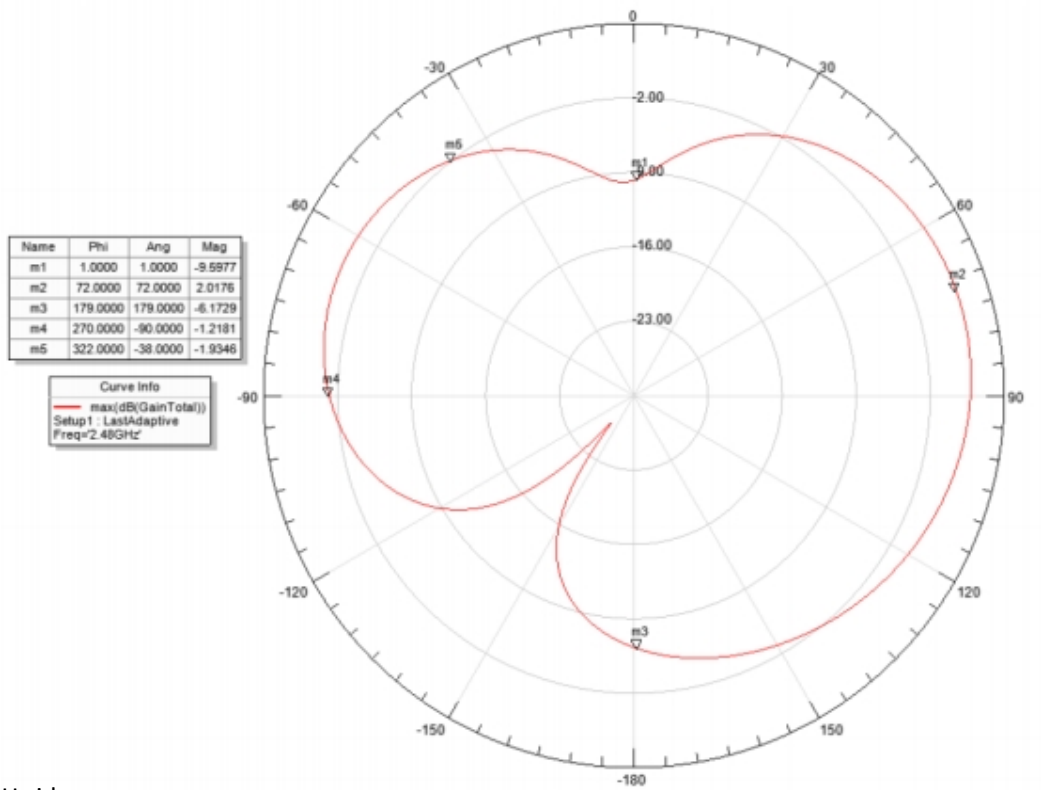
E-side



H-side:



E-Side:



H-side:

