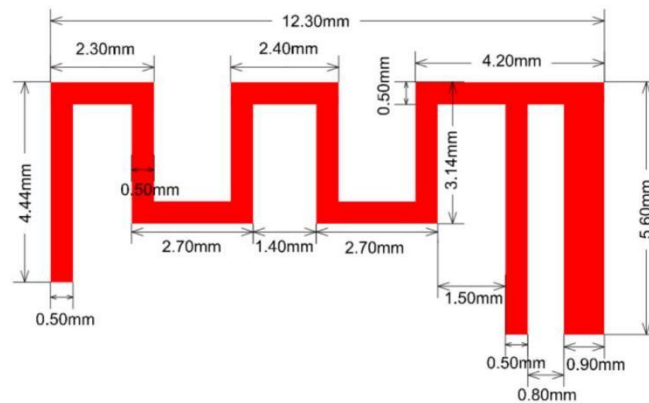


PCB Antenna for BLE Chips of WCH

公司名称	南京沁恒微电子股份有限公司 Nanjing Qinheng Microelectronics Co., Ltd,
公司地址	No. 18, Ningshuang Road, Nanjing City • Qinheng Science and Technology Park
天线型号	ANT_F_2.4G_1.6

1、Dimension of Antenna



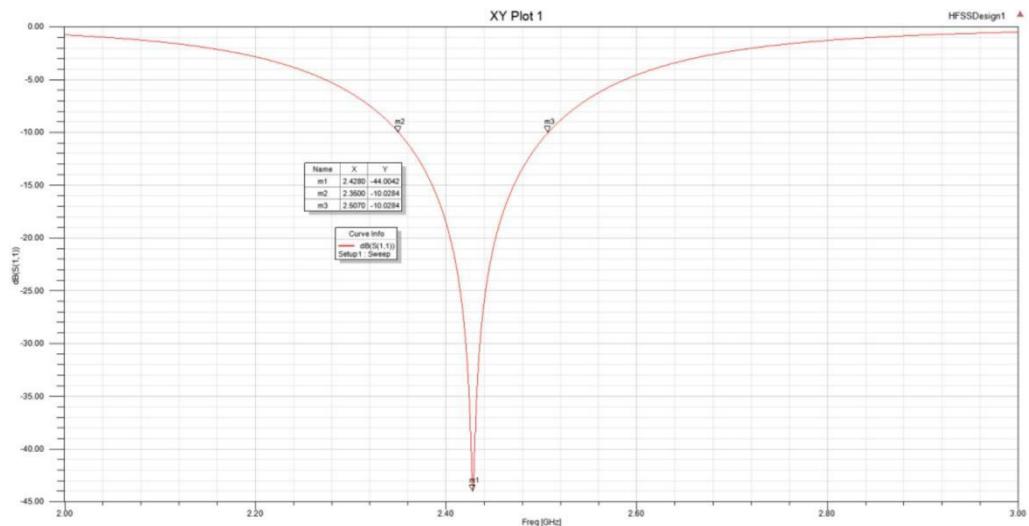
2、Features

- Dimension: 5.6*12.3mm
- Terminal impedance: 50 ohm
- Max Gain: 2.1dBi
- RF Frequency: 2.4GHz

3、S parameter

Working bandwidth: 157MHz

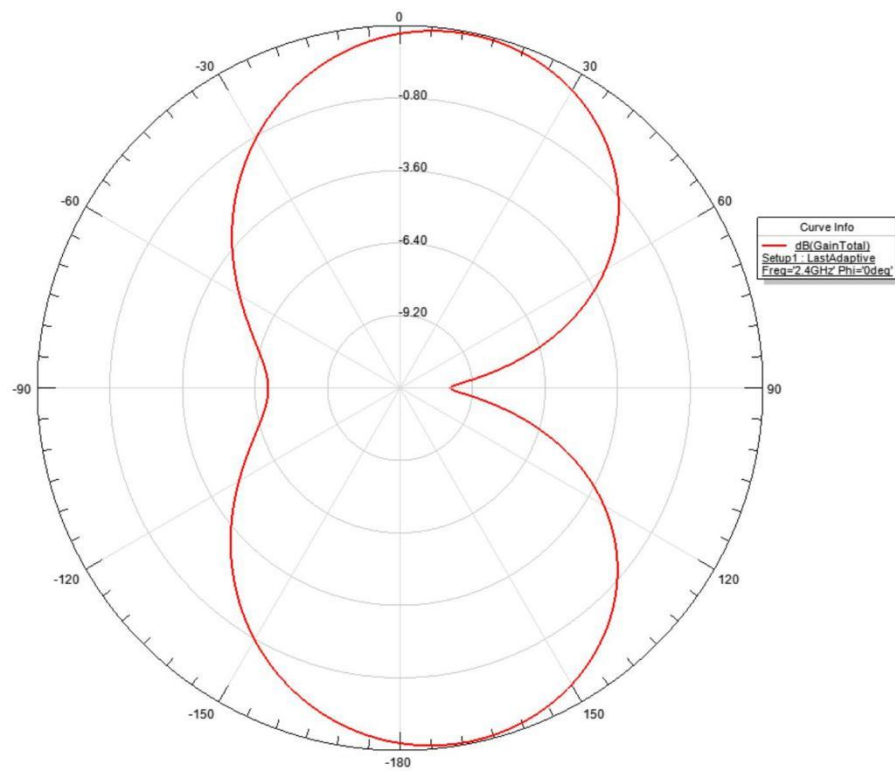
S11: -44dB@2.43GHz



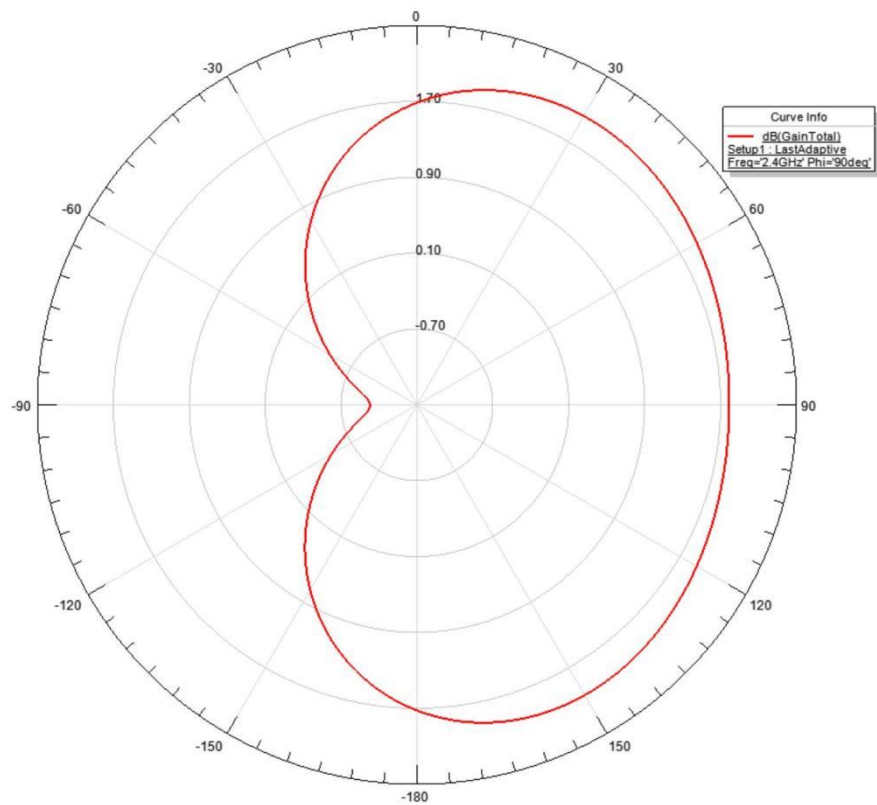
4 、 Gain and Radiation pattern

2.4GHz:Maximum gain of 2.1dBi

E plane:

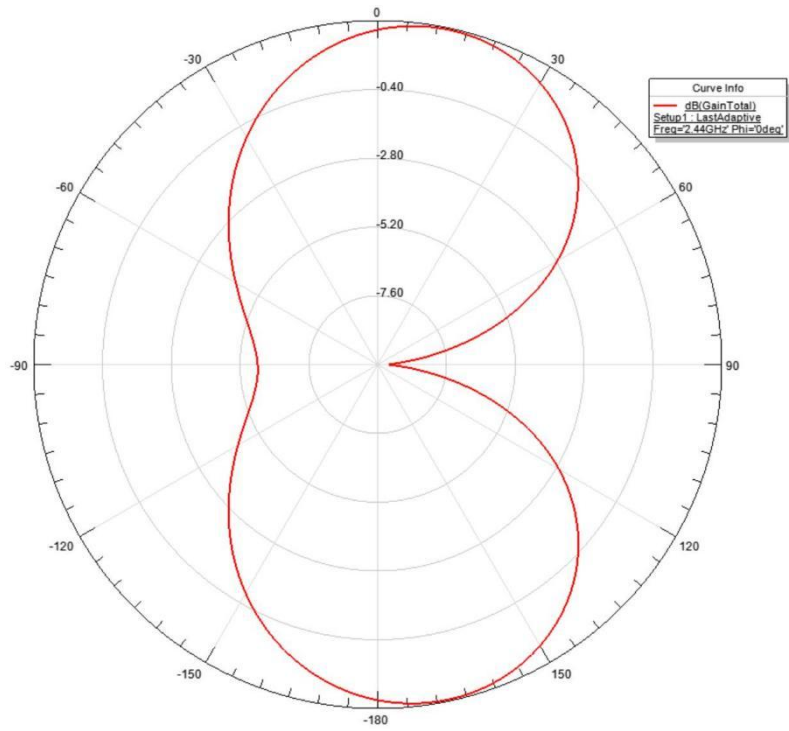


H plane:

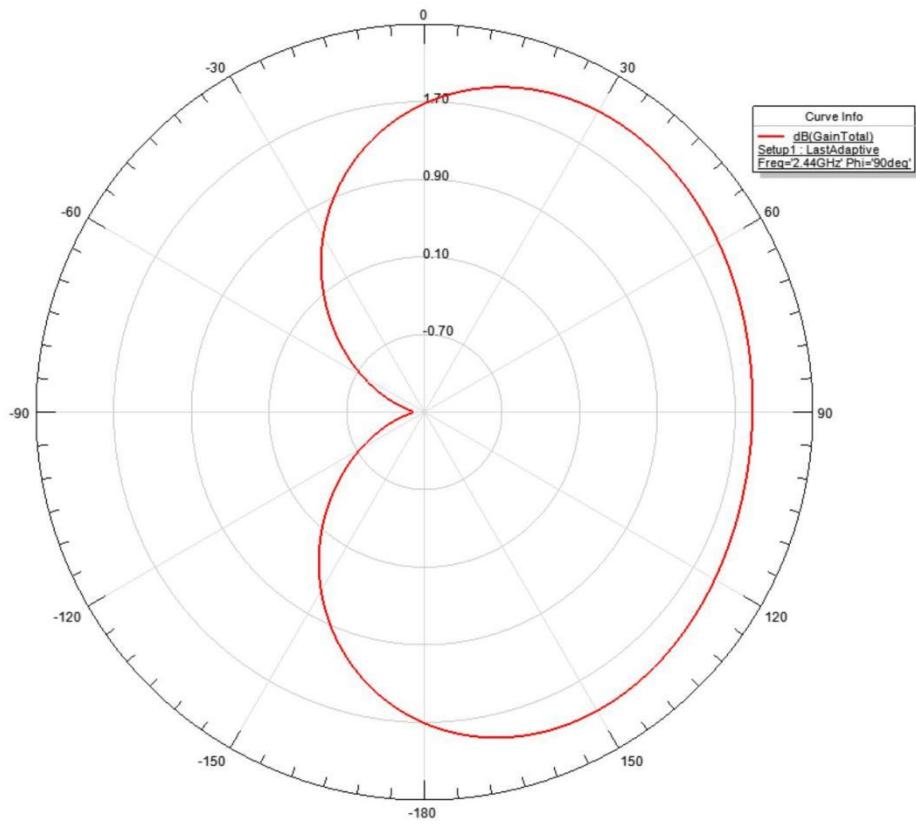


2.44GHz: Maximum gain of 2.1dBi

E plane:

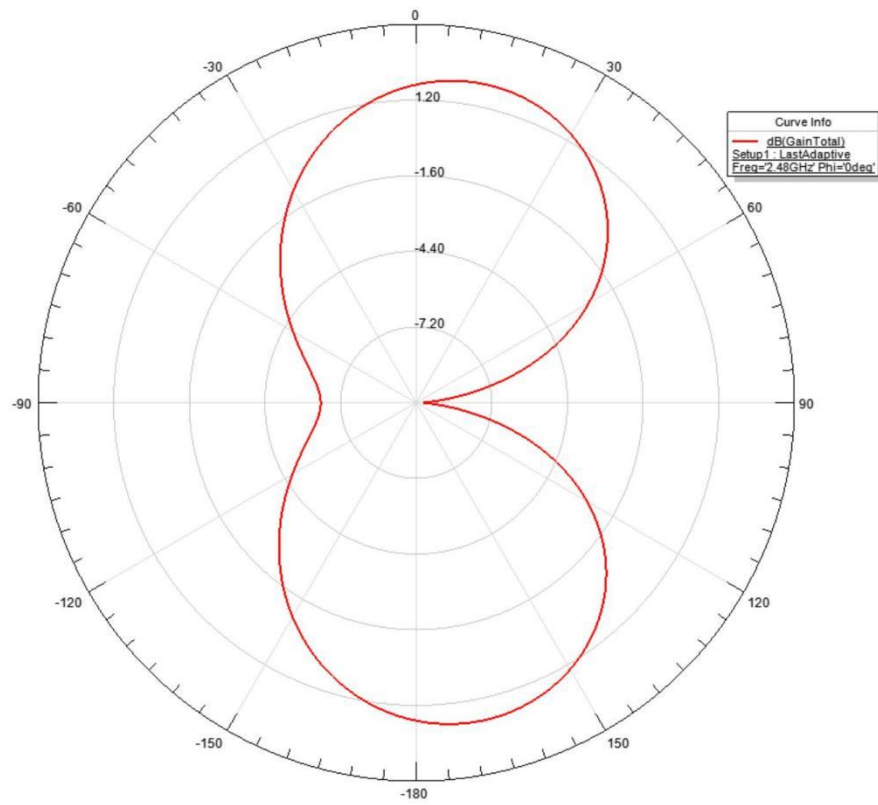


H plane:



2.48GHz:Maximum gain 2.1dBi

E plane:



H plane:

