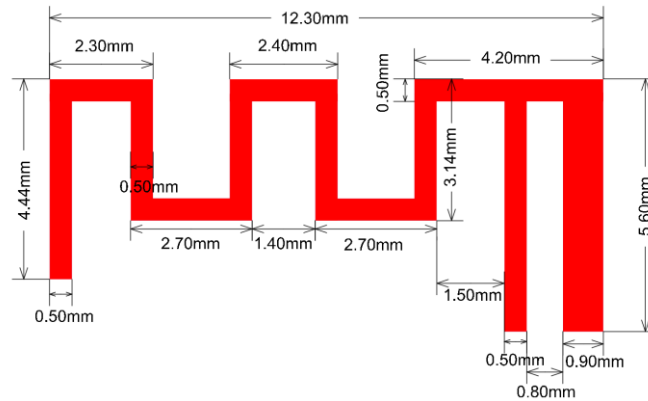


PCB Antenna for BLE Chips of WCH

1、Dimension of Antenna



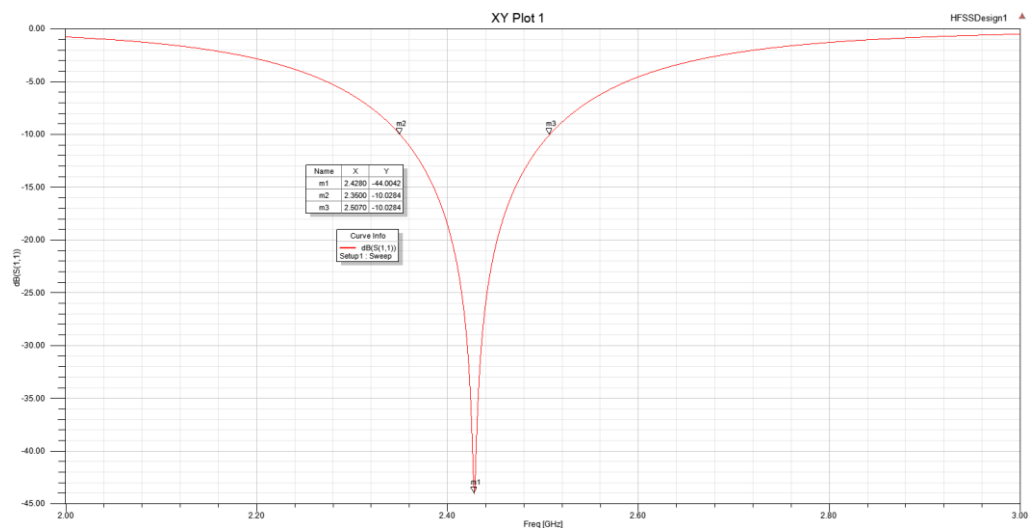
2、Features

- Dimension: 5.6*12.3mm
- Terminal impedance: 50 ohm
- Max Gain: 2.1dBi
- RF Frequency: 2.4GHz
- Manufacture: Nanjing Qinheng Microelectronics Co., Ltd,
Qinheng Science and Technology Park, No. 18, Ning Shuang Road,
Nanjing City

3、S parameter

Working bandwidth: 157MHz

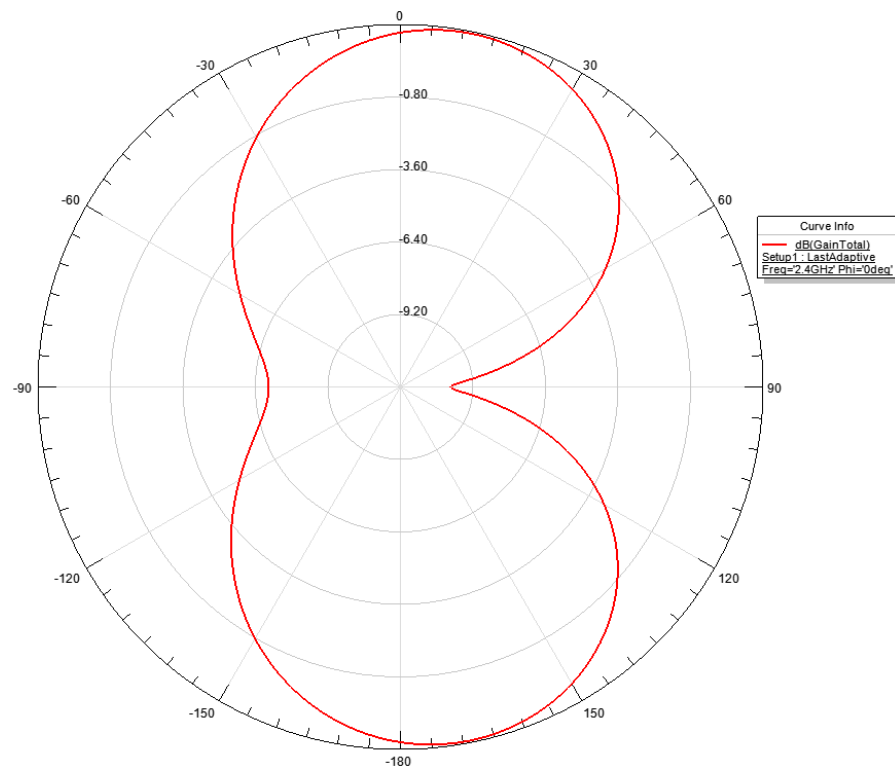
S11: -44dB@2.43GHz



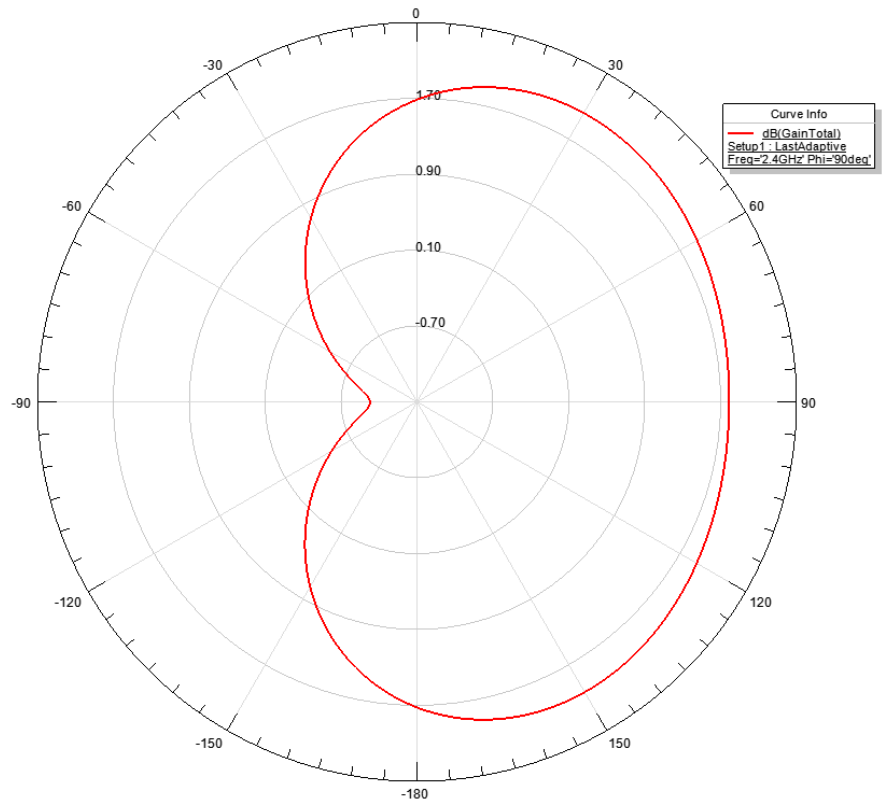
4、 Gain and Radiation pattern

2.4GHz:

E plane:

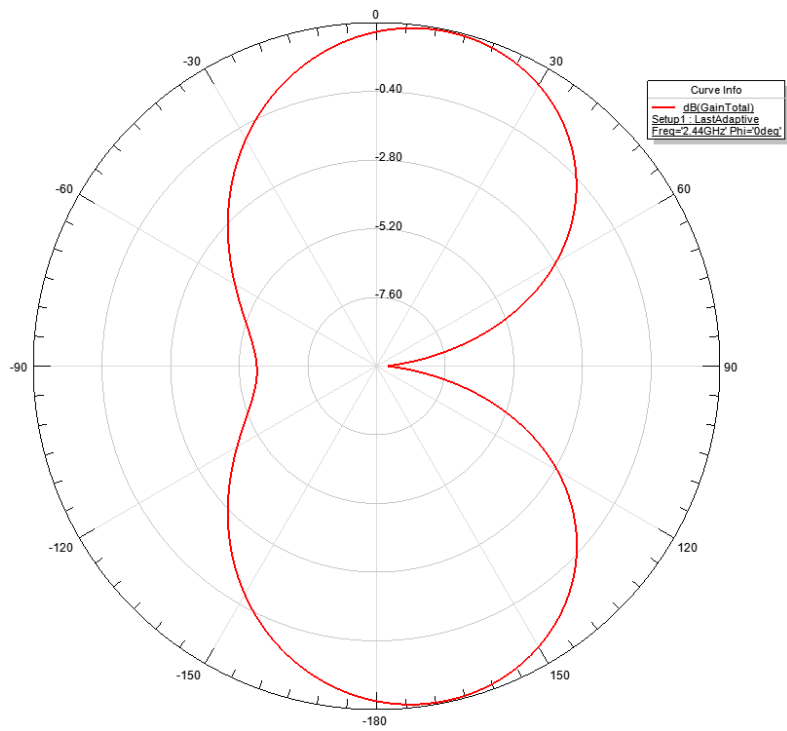


H plane:

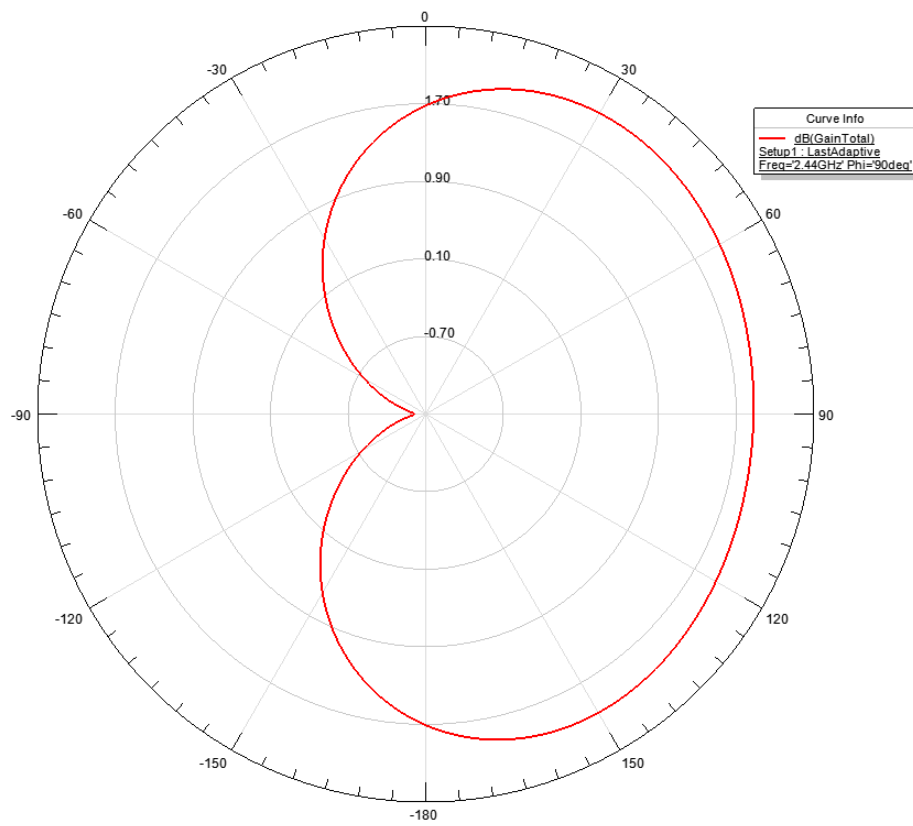


2.44GHz:

E plane:

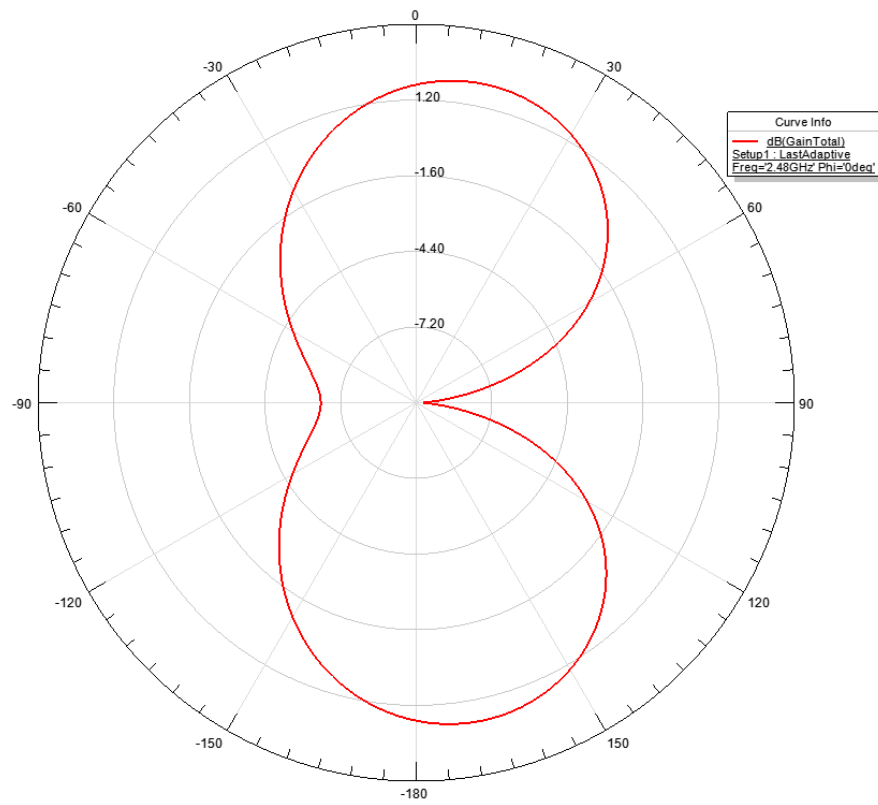


H plane:



2.48GHz:

E plane:



H plane:

