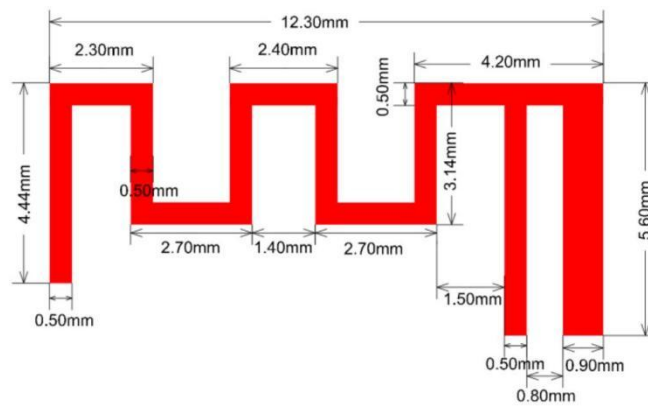


PCB Antenna for BLE Chips of WCH

corporate name	Nanjing Qinheng Microelectronics Co., Ltd,
Company Address	Qinheng Technology Park, No.18 Ningshuang Road, Nanjing
Antenna model	ANT_F_2.4G_1.6

1、Dimension of Antenna



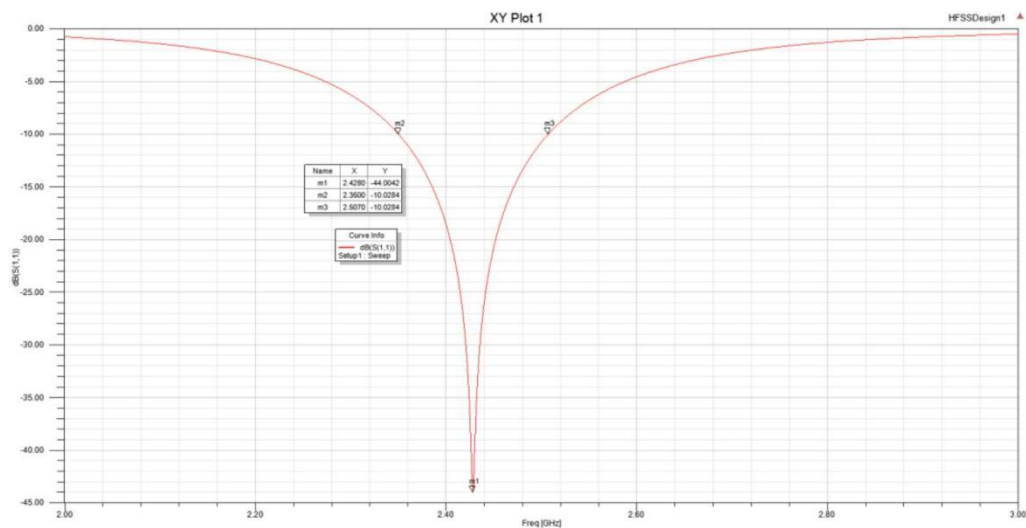
2、Features

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

3、S parameter

Working bandwidth: 157MHz

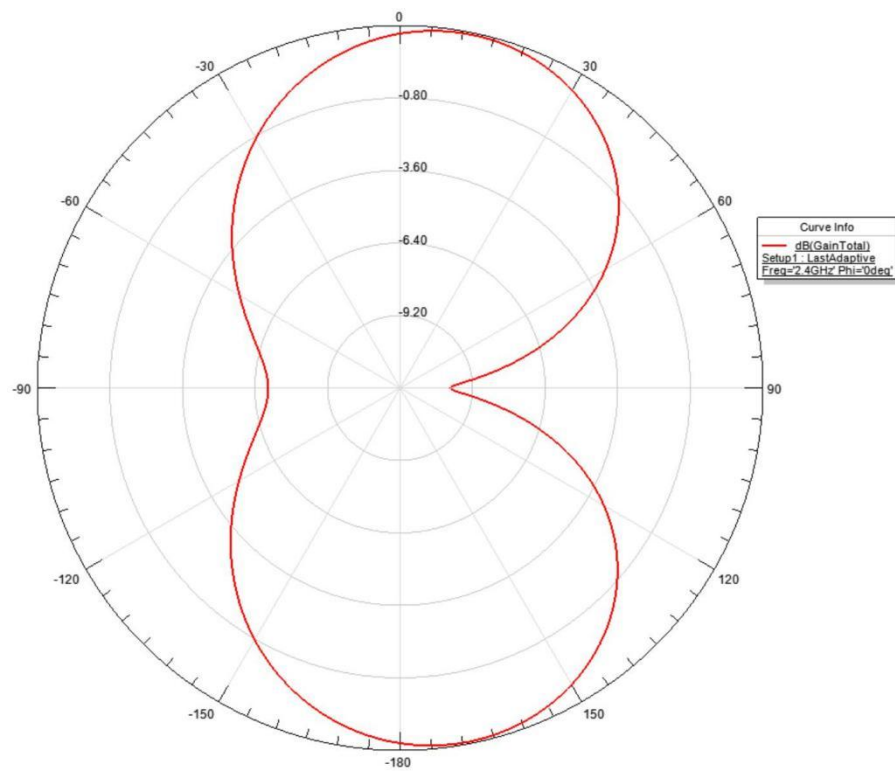
S11: -44dB@2.43GHz



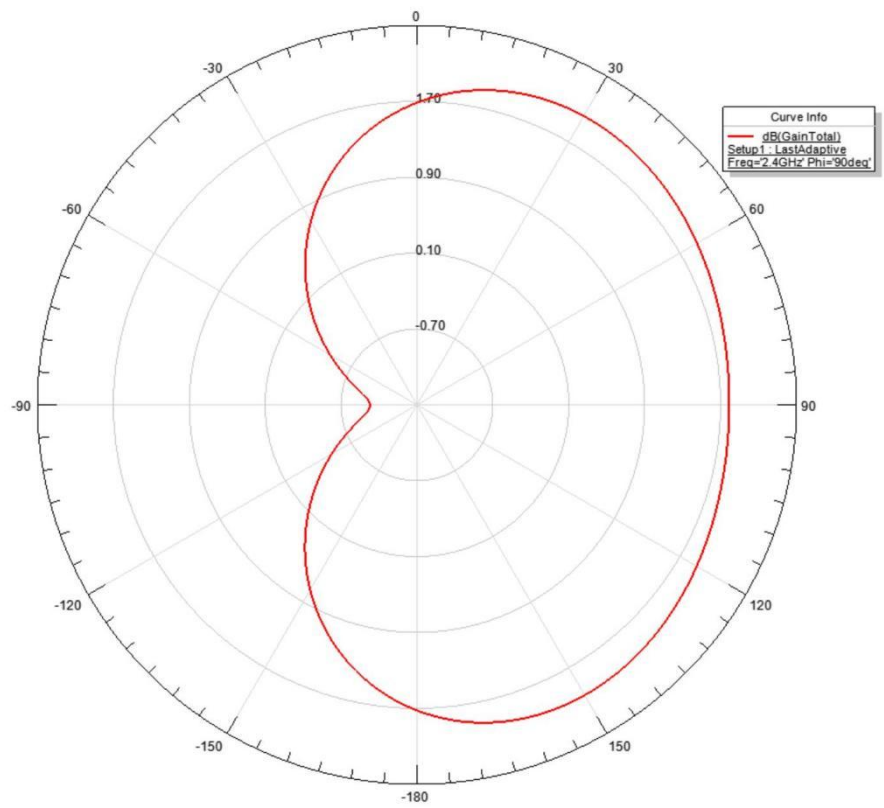
4、Gain and Radiation pattern

2.4GHz:

E plane:

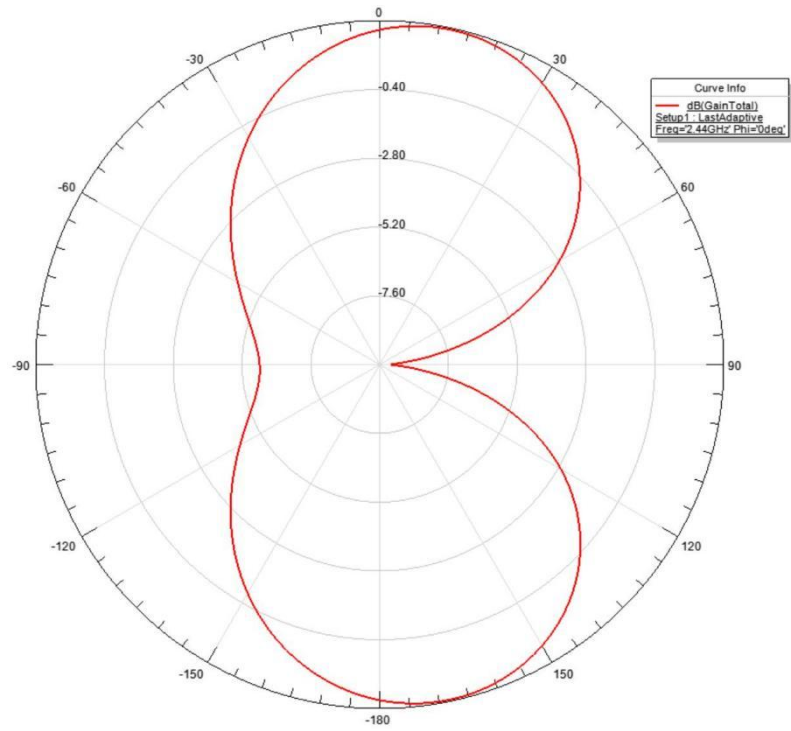


H plane:

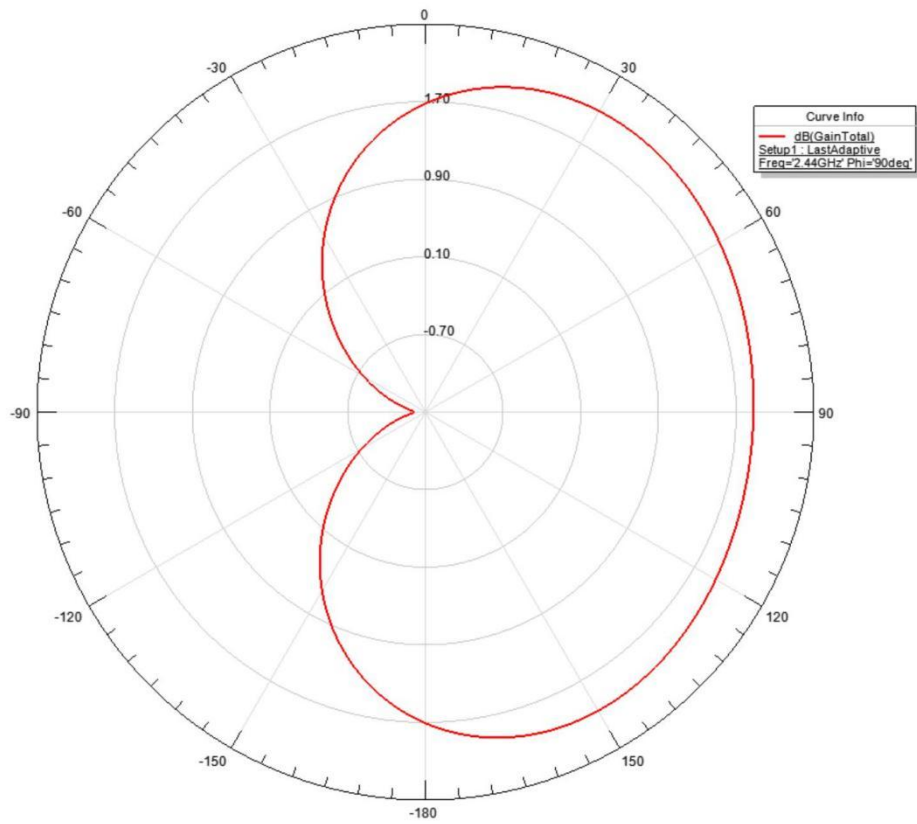


2.44GHz:

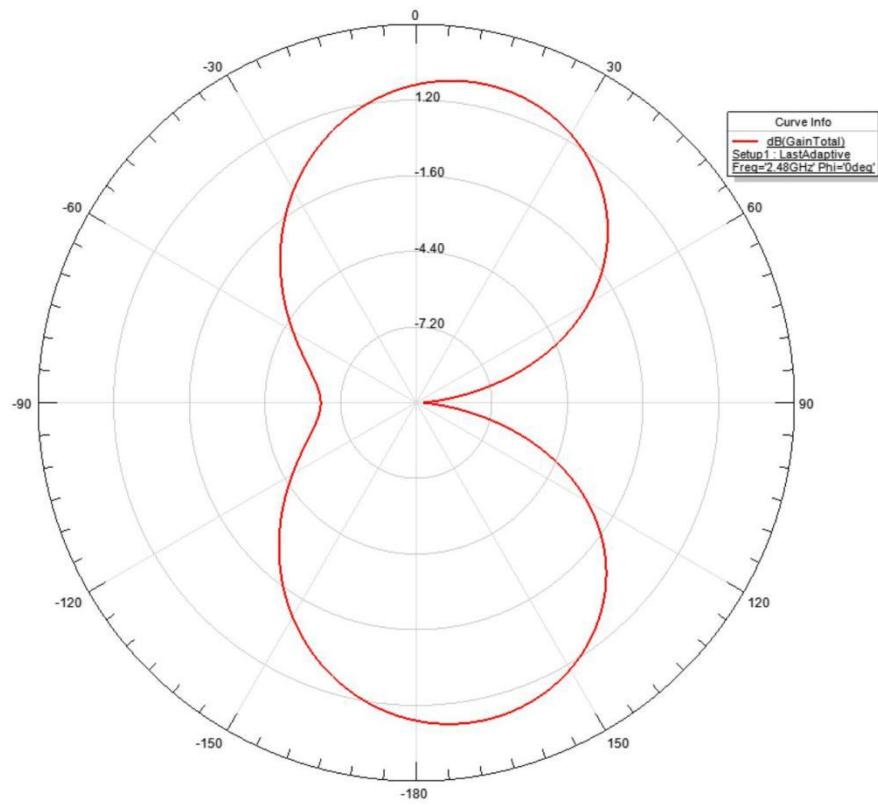
E plane:



H plane:



2.48GHz:
E plane:



H plane:

