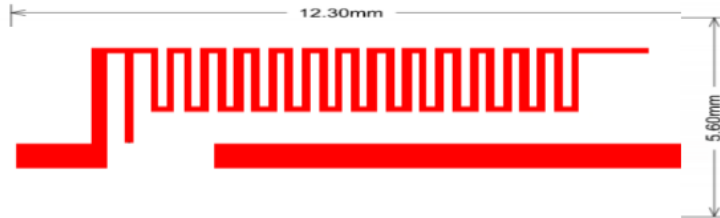


PCB Antenna for BLE Chips of WCH

Nanjing Qinsheng Microelectronics Co., Ltd.
Add:Qinsheng Science Park, No. 18, Ningshuang Road, Nanjing

1、Dimension of Antenna



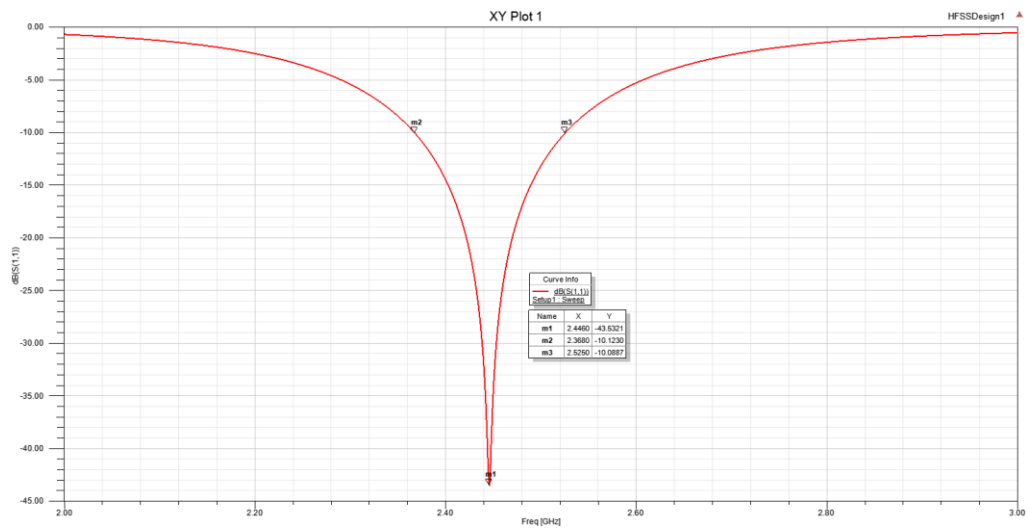
2、Features

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

3、S parameter

Working bandwidth: 157MHz

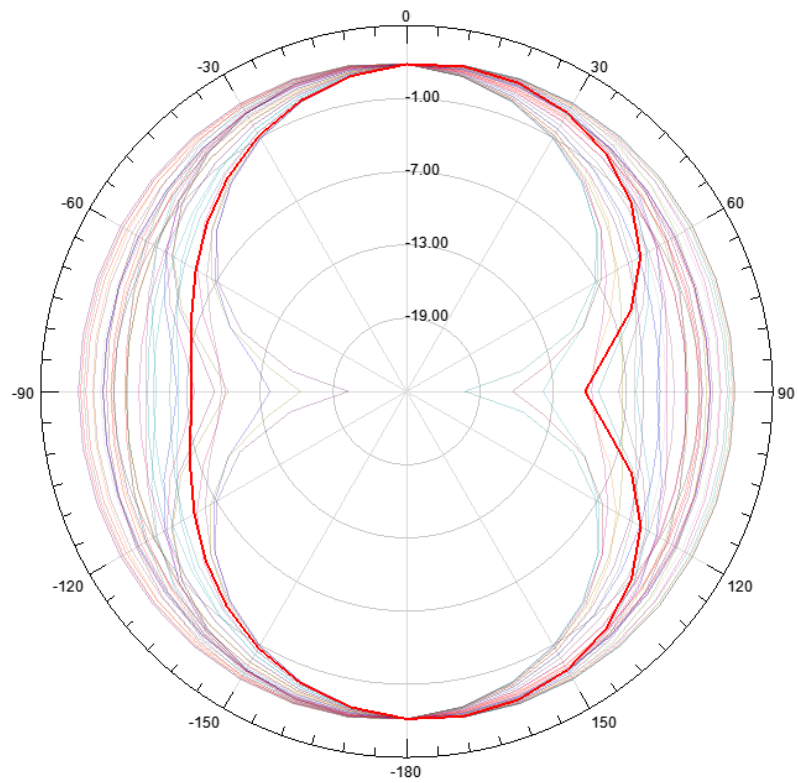
S11: -43.5dB@2.44GHz



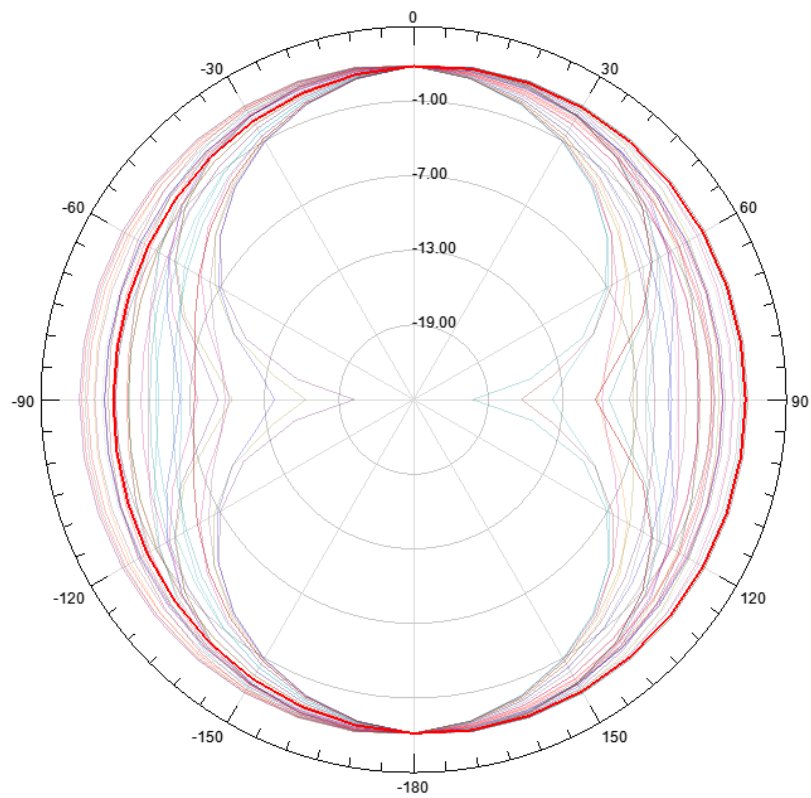
4、 Gain and Radiation pattern

Max gain @2.4GHz: 2.08dBi

E plane:

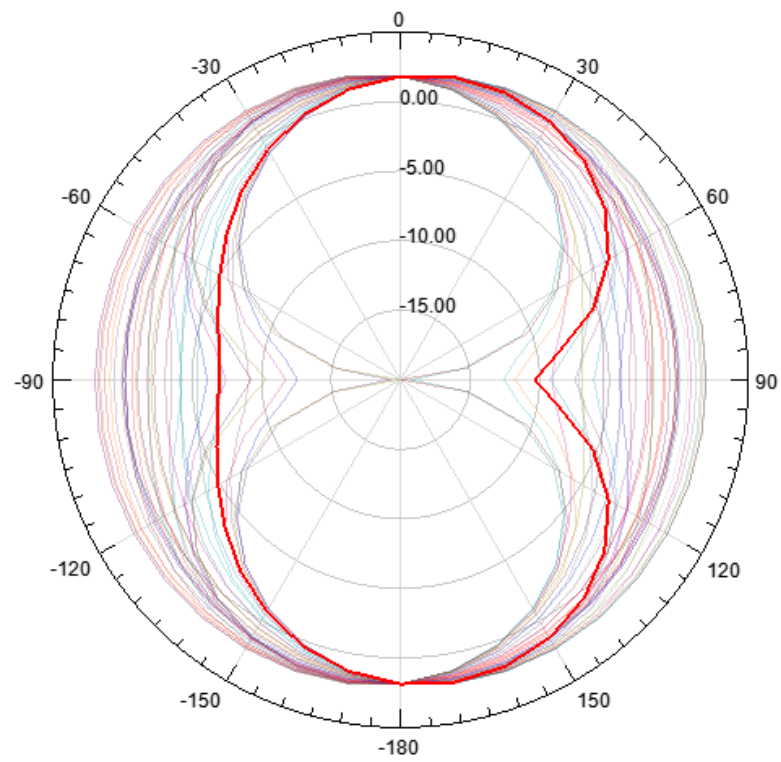


H plane:

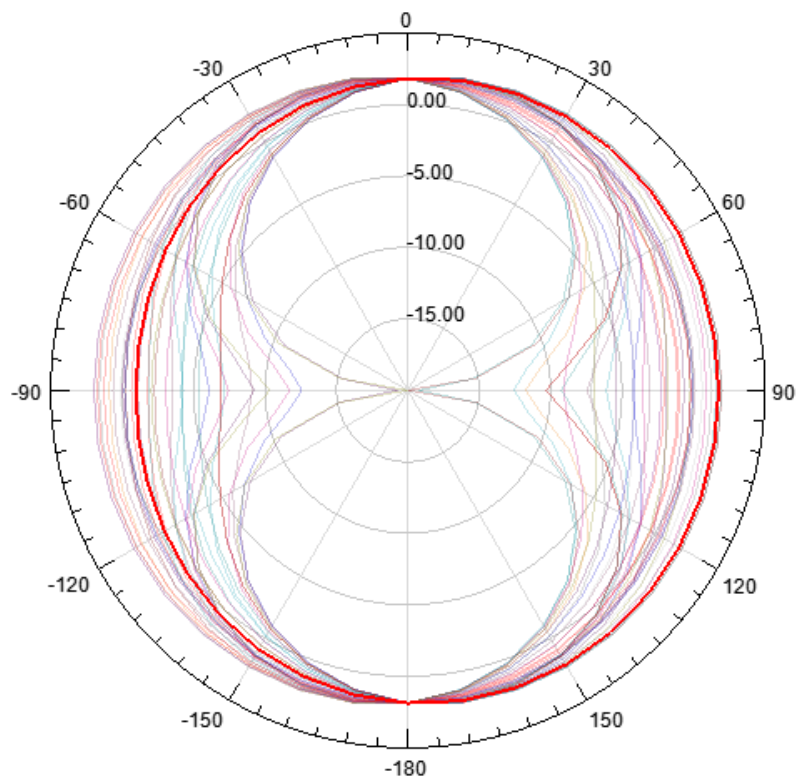


Max Gain @2.44GHz: 2.1dBi

E plane:

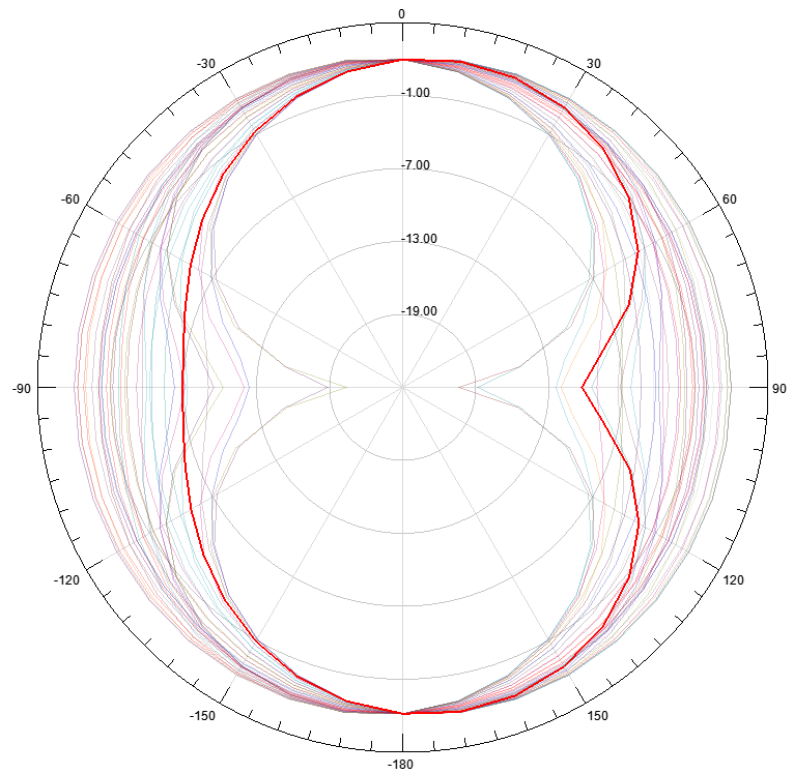


H plane:



Max Gain @2.48GHz: 2.04dBi

E plane:



H plane:

