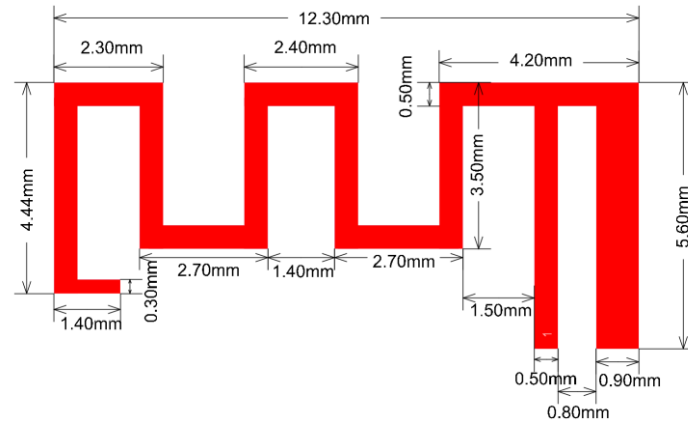


PCB Antenna for BLE Chips of WCH

1、Dimension of Antenna



2、Features

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

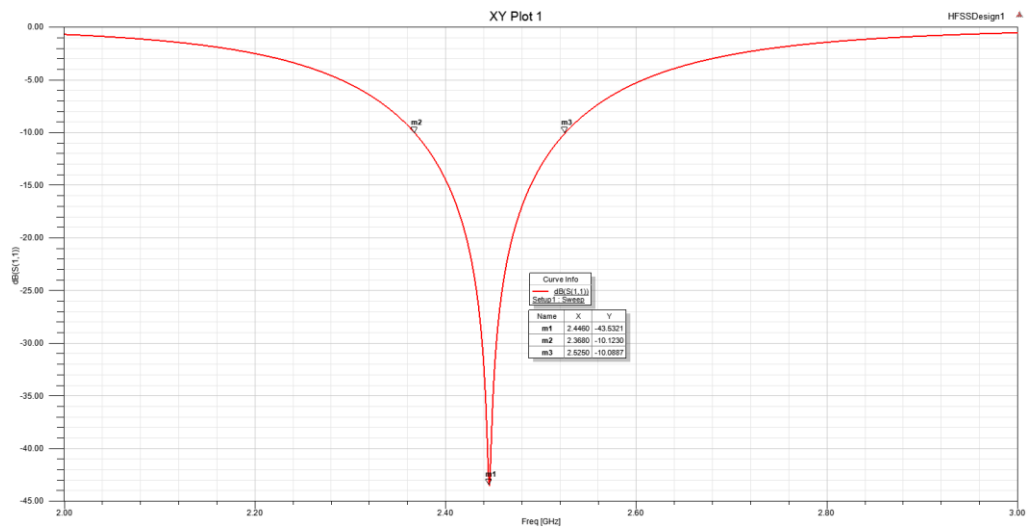
Manufacturer name: Nanjing Qinheng Microelectronics Co., Ltd.
Address: No. 18, Nanjing Ningshuang Road, Qinheng Science and Technology Park

Brand Name: Nanjing Qinheng Microelectronics Co., Ltd.
Model Name: ANT-F-1-2.4G-1.0mmFR4-WCH

3、S parameter

Working bandwidth: 157MHz

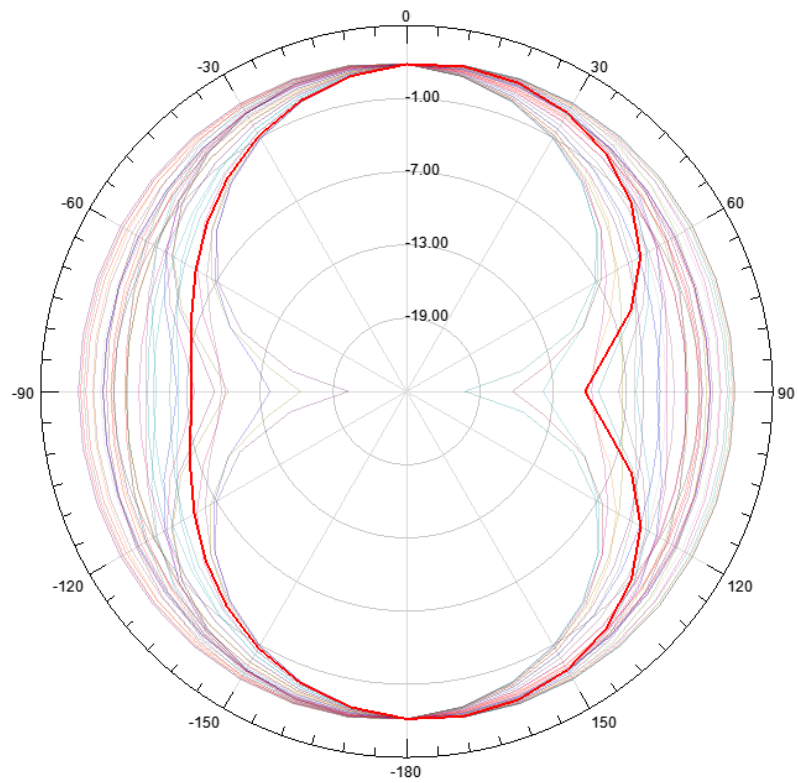
S11: -43.5dB@2.44GHz



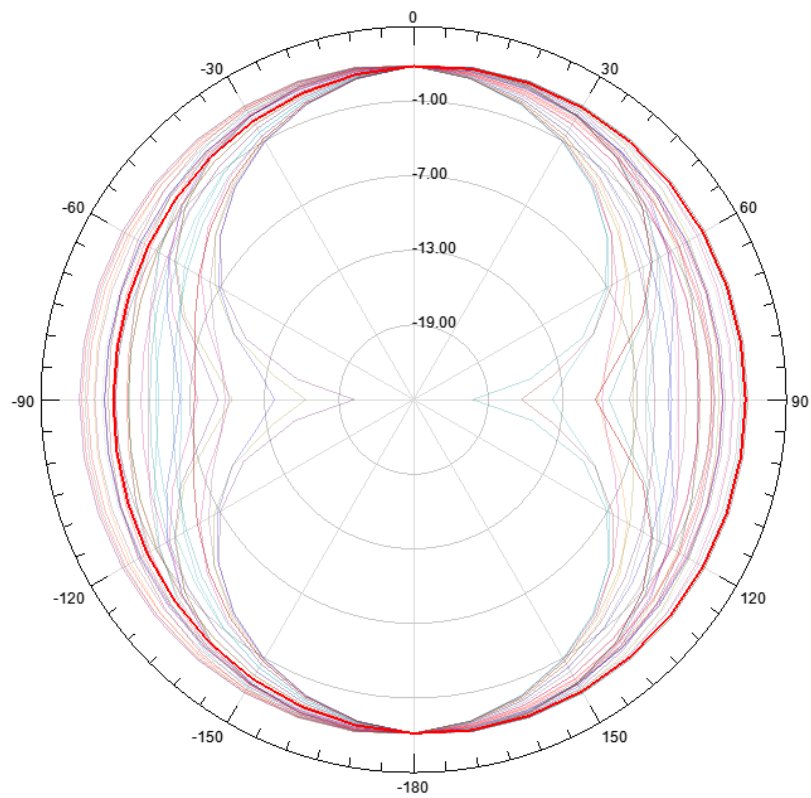
4、 Gain and Radiation pattern

Max gain @2.4GHz: 2.08dBi

E plane:

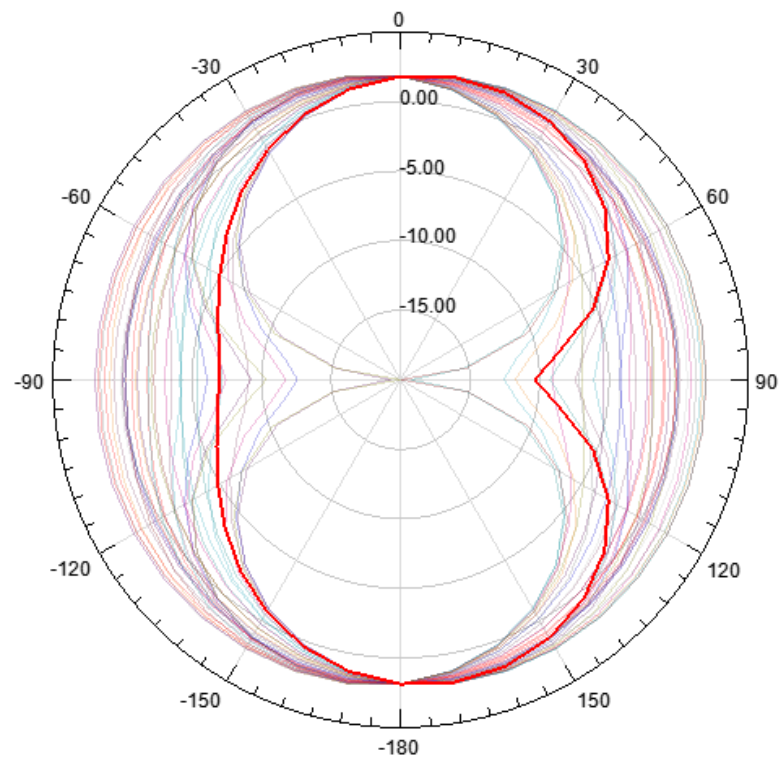


H plane:

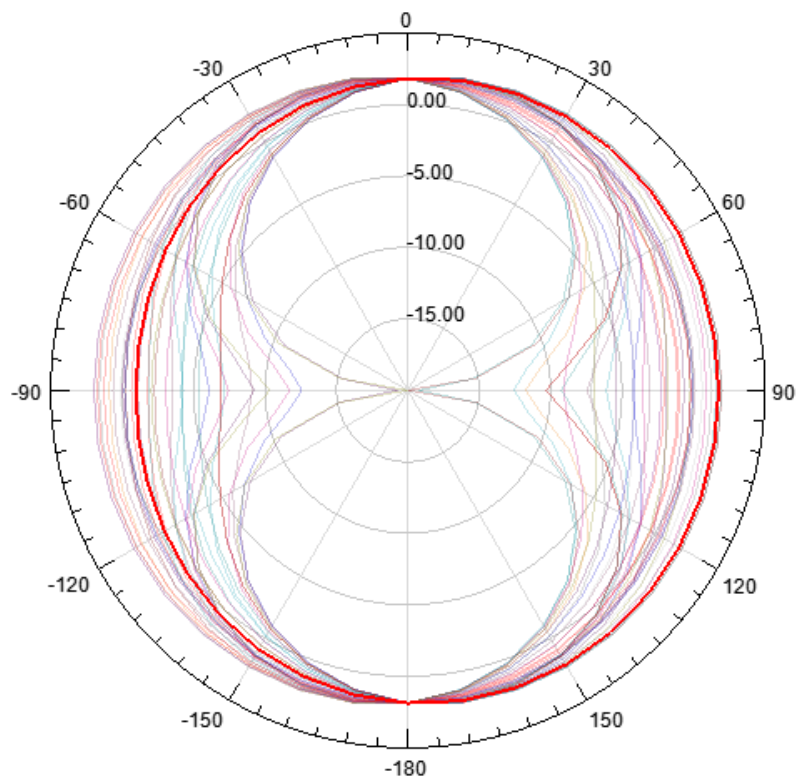


Max Gain @2.44GHz: 2.1dBi

E plane:

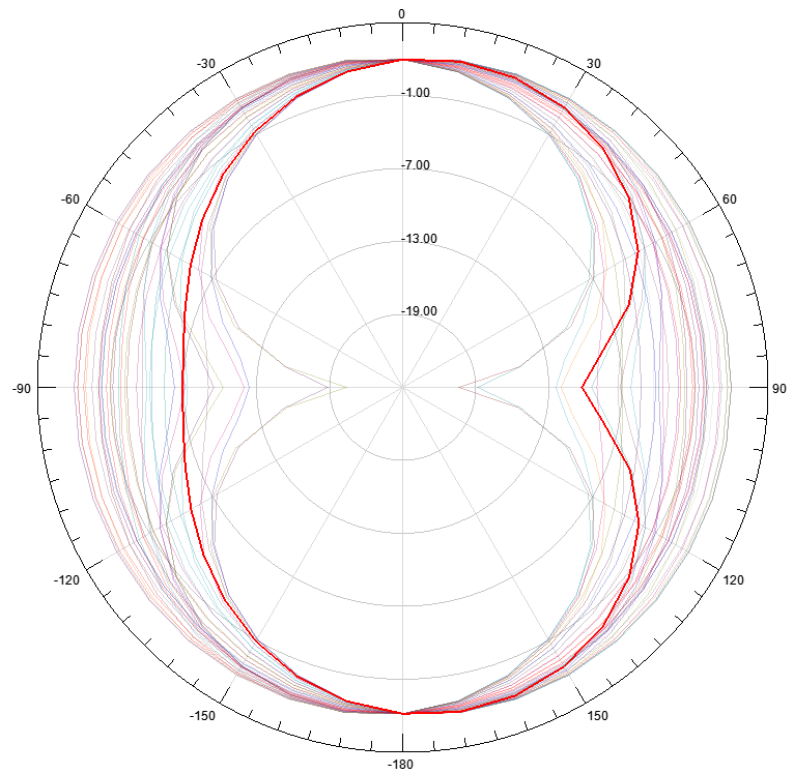


H plane:



Max Gain @2.48GHz: 2.04dBi

E plane:



H plane:

