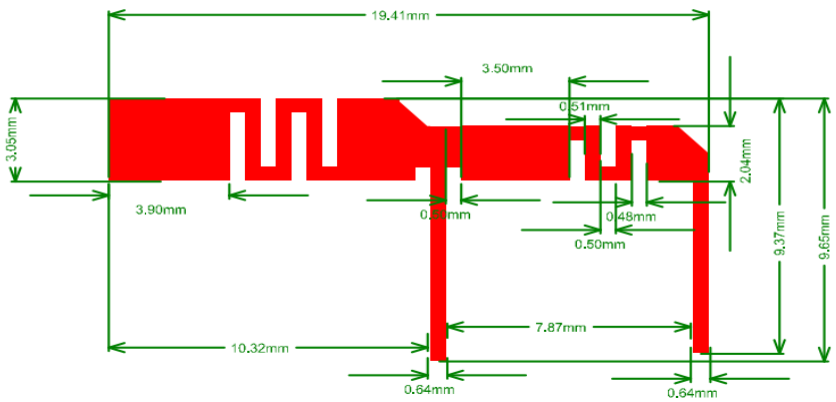
PCB Antenna for BLE Chips of WCH

1、Dimension of Antenna



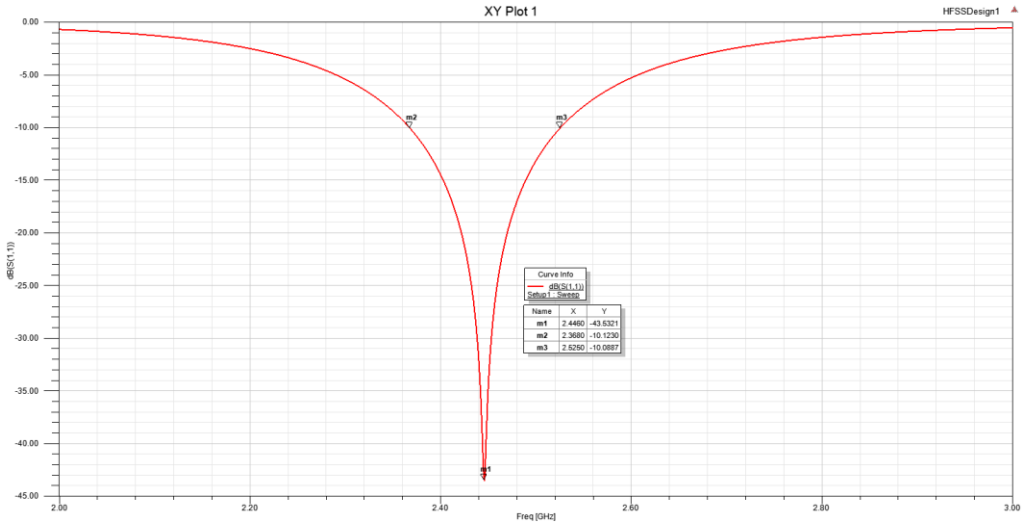
2、Features

- Dimension: 3 . 0 5 *19.41mm
- Terminal impedance: 50 ohm
- Max Gain: 2.1dBi
- RF Frequency: 2.4GHz

3、S parameter

Working bandwidth: 157MHz

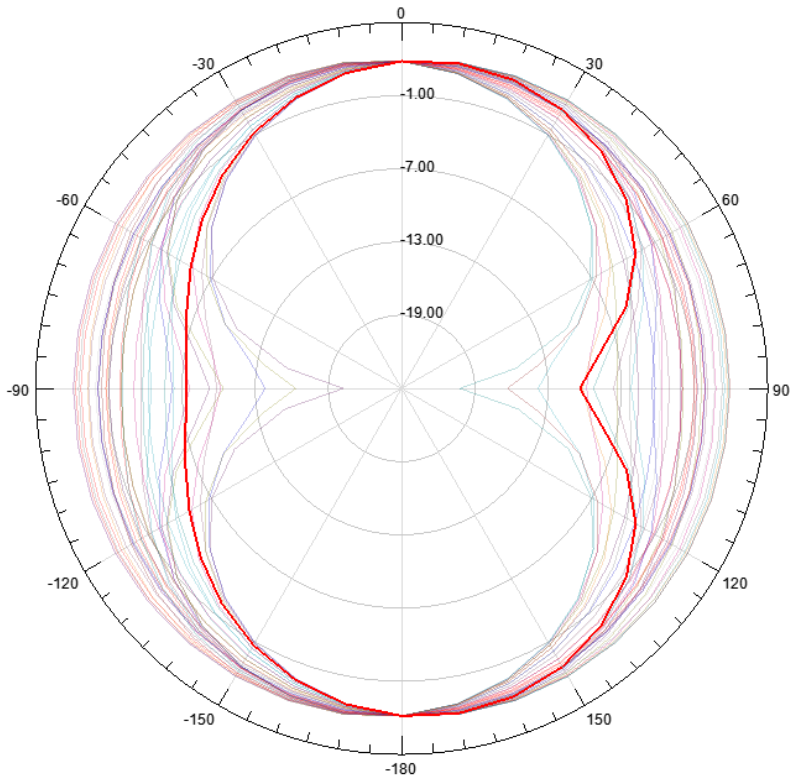
S11：-43.5dB@2.44GHz



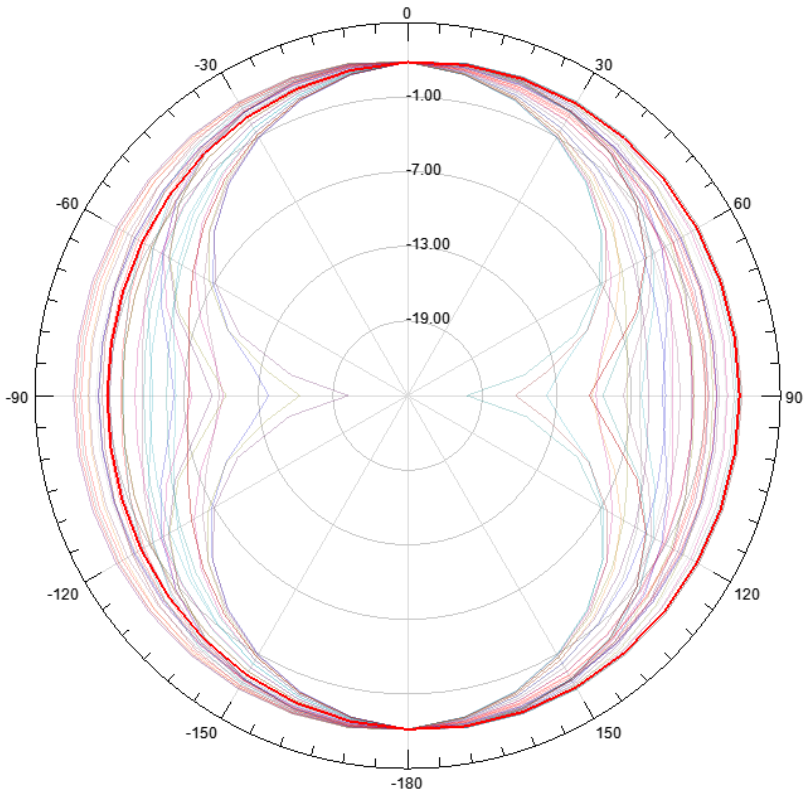
4、Gain and Radiation pattern

Max gain @2.4GHz: 2.08dBi

E plane：

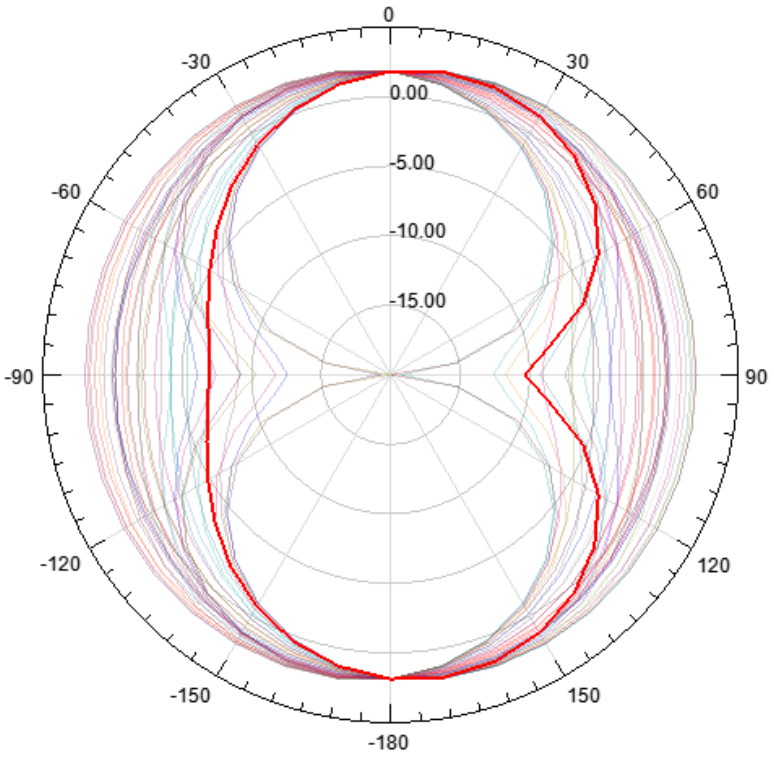


H plane：

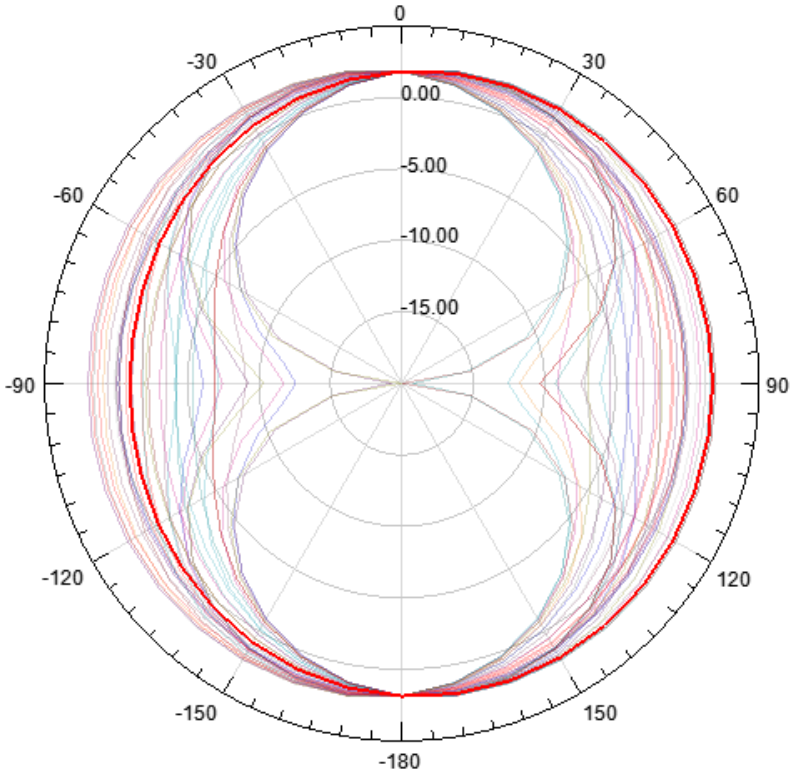


Max Gain @2.44GHz: 2.1dBi

E plane：

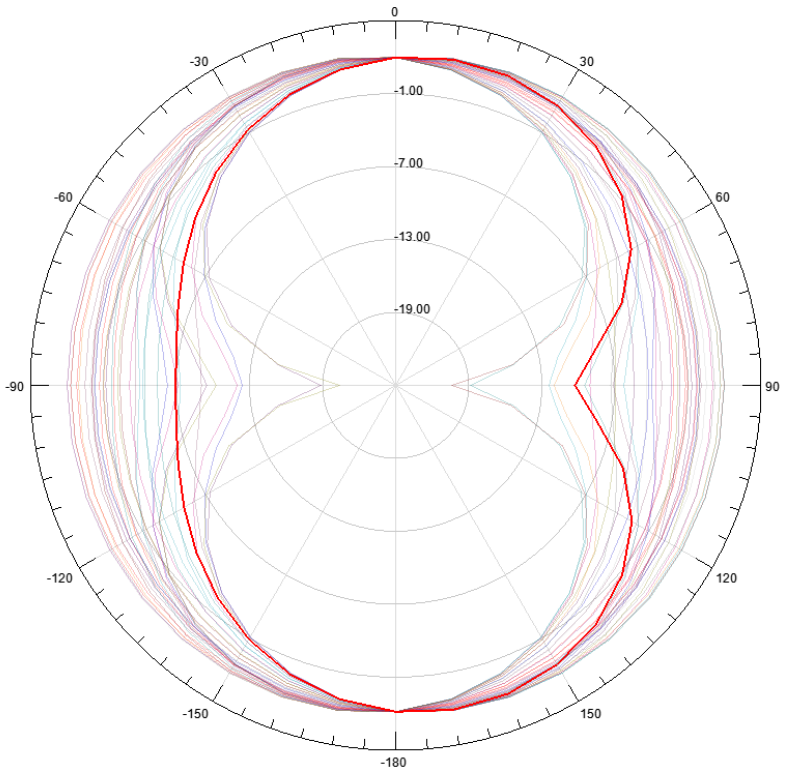


H plane：

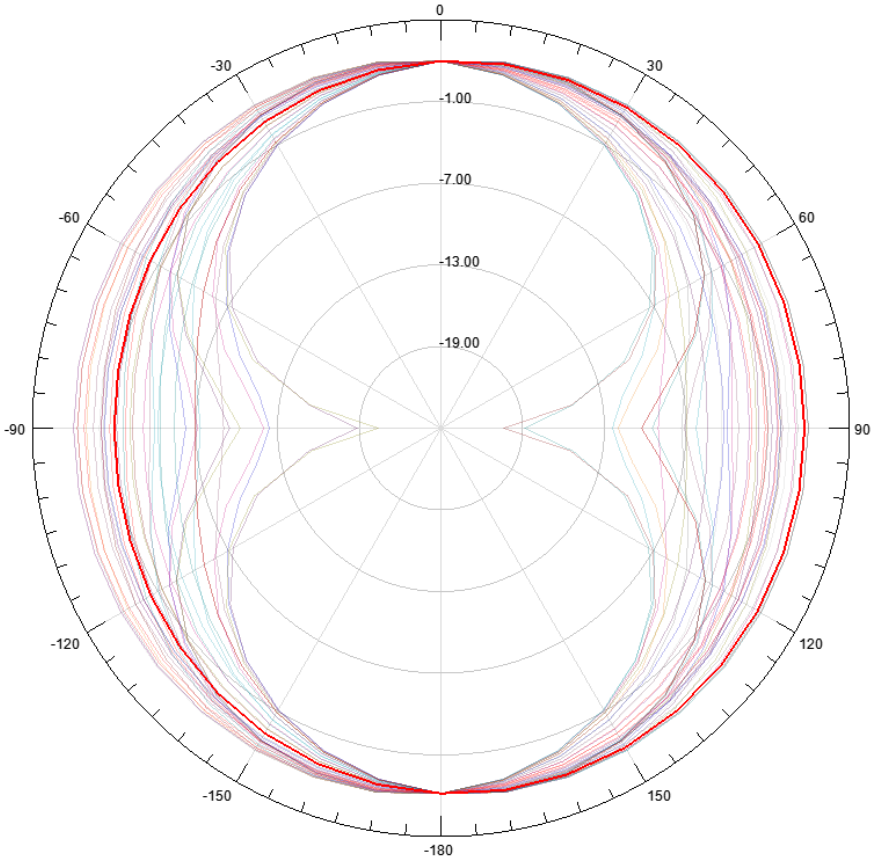


Max Gain @2.48GHz: 2.04dBi

E plane：



H plane：



Applicant: Suzhou BeeLinker Technology Co., LTD

Address: Room 104, National University Science Park, Southeast University, 399 Linquan Street,SuzhouIndustrial Park