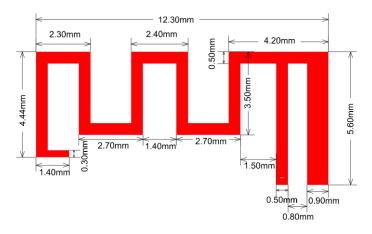
# **PCB Antenna for BLE Chips of WCH**

## 1、 Dimension of Antenna



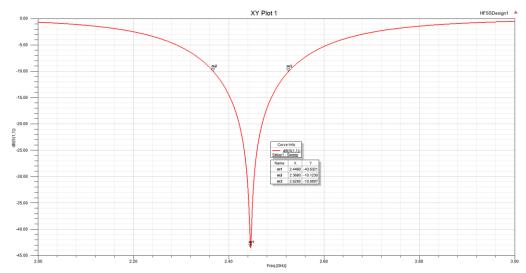
#### 2 Features

Dimension: 5.6\*12.3mmTerminal impedance: 50 ohm

Max Gain: 2.1dBiRF Frequency: 2.4GHz

## 3、S parameter

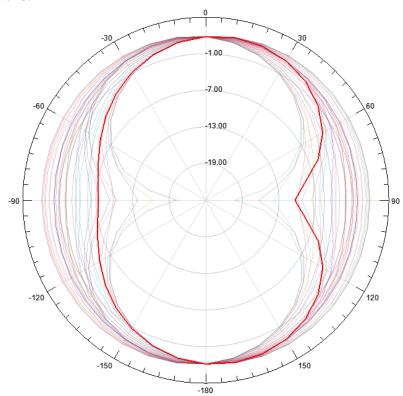
Working bandwidth: 157MHz S11: -43.5dB@2.44GHz



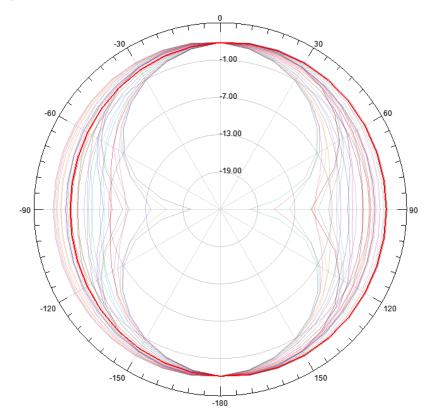
# 4. Gain and Radiation pattern

Max gain @2.4GHz: 2.08dBi

E plane:

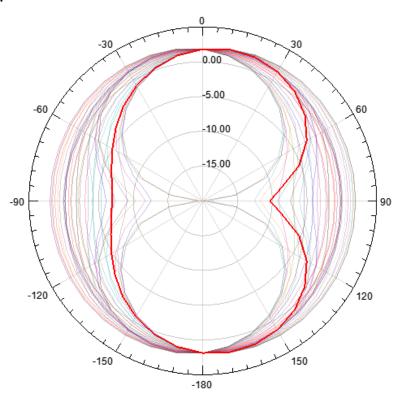


H plane:

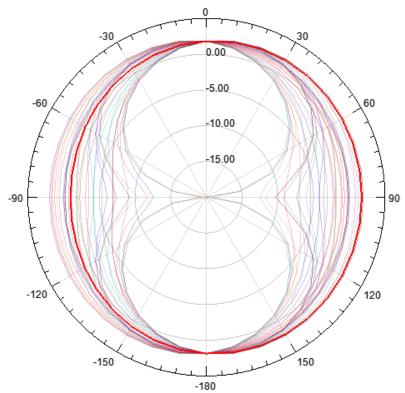


Max Gain @2.44GHz: 2.1dBi

E plane:

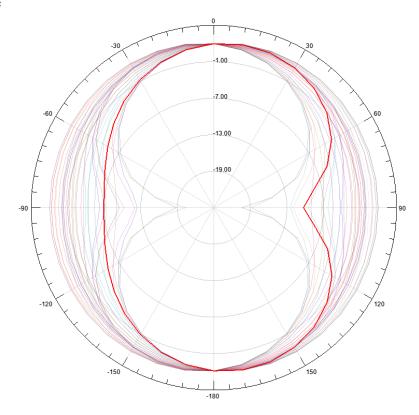


H plane:

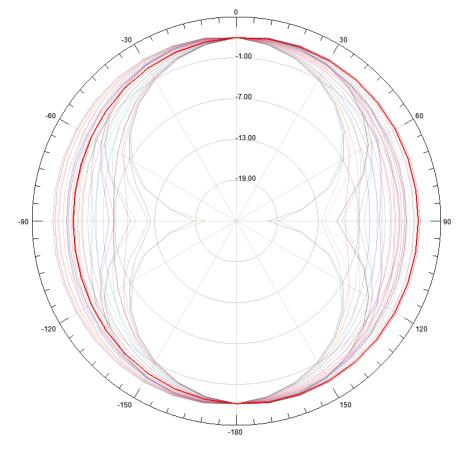


Max Gain @2.48GHz: 2.04dBi

E plane:



H plane:



Manufacturer: Zhuhai Heng Yu New Technology Company Limited

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