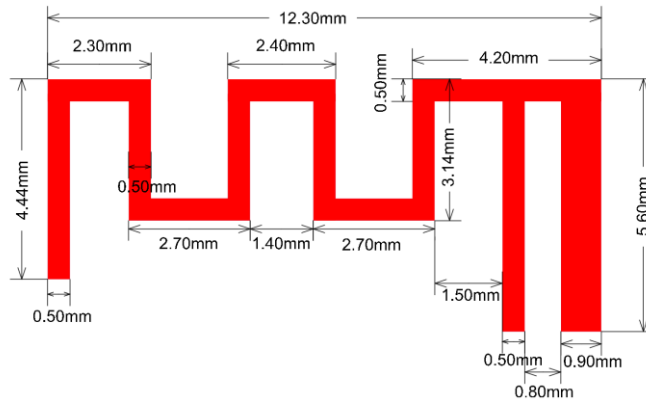


## PCB Antenna for BLE Chips of WCH

### 1、Dimension of Antenna



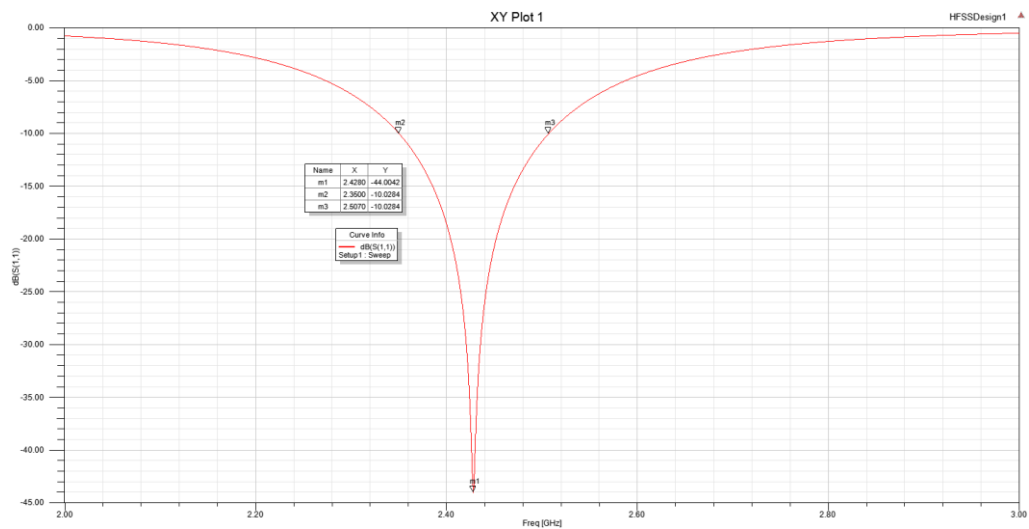
### 2、Features

- Dimension: 5.6\*12.3mm
- Terminal impedance: 50 ohm Max Gain: 2.1dBi
- RF Frequency: 2402-2480MHz

### 3、S parameter

Working bandwidth: 157MHz

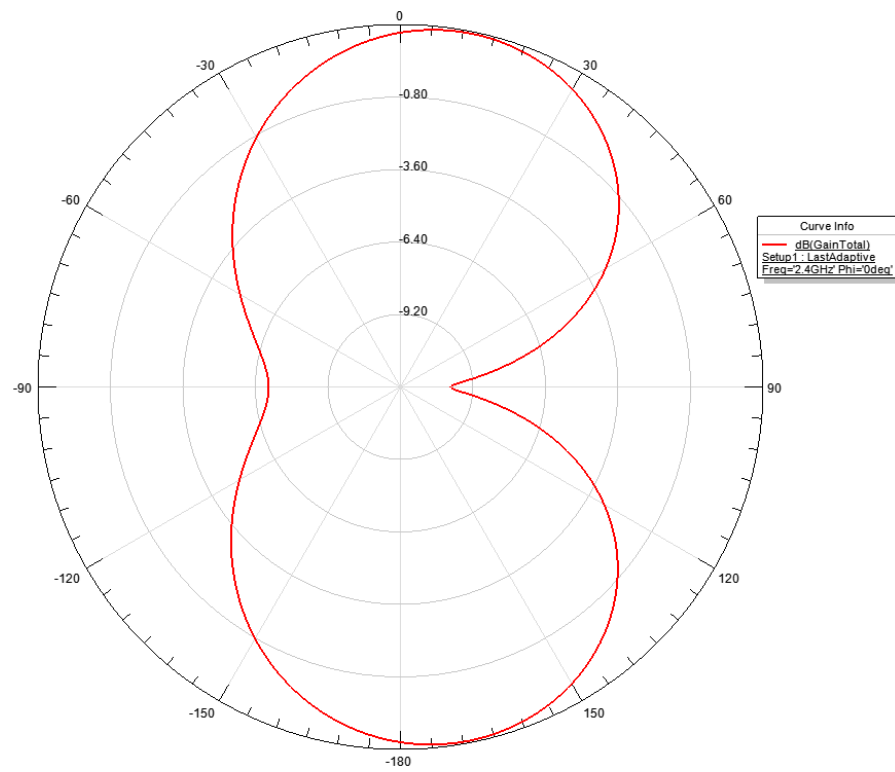
S11: -44dB@2.43GHz



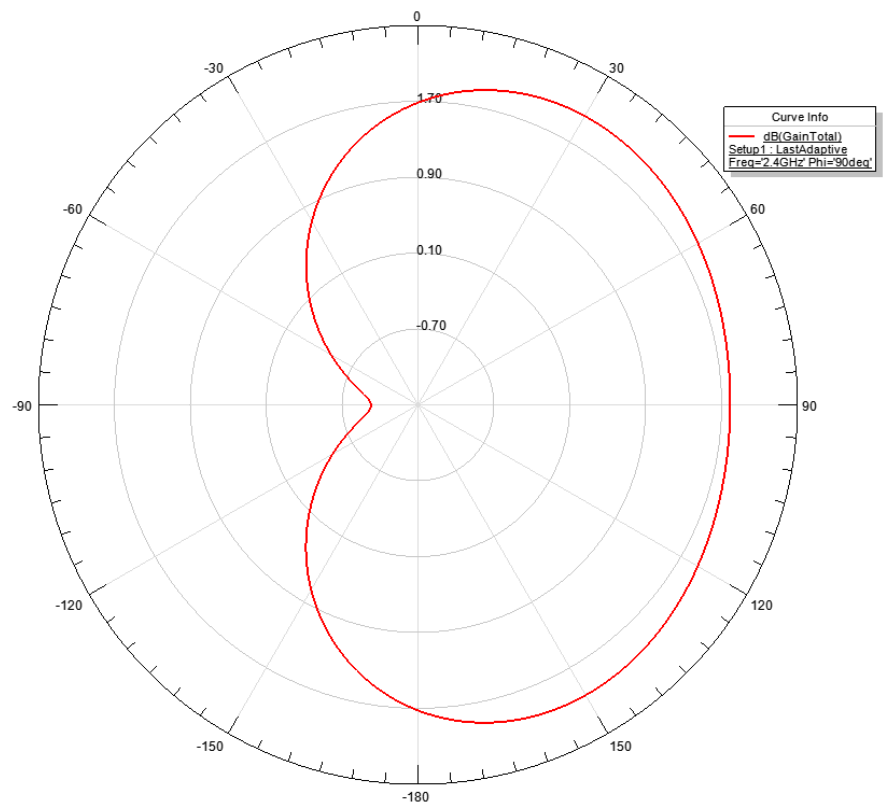
#### 4、 Gain and Radiation pattern

2.4GHz:

E plane:

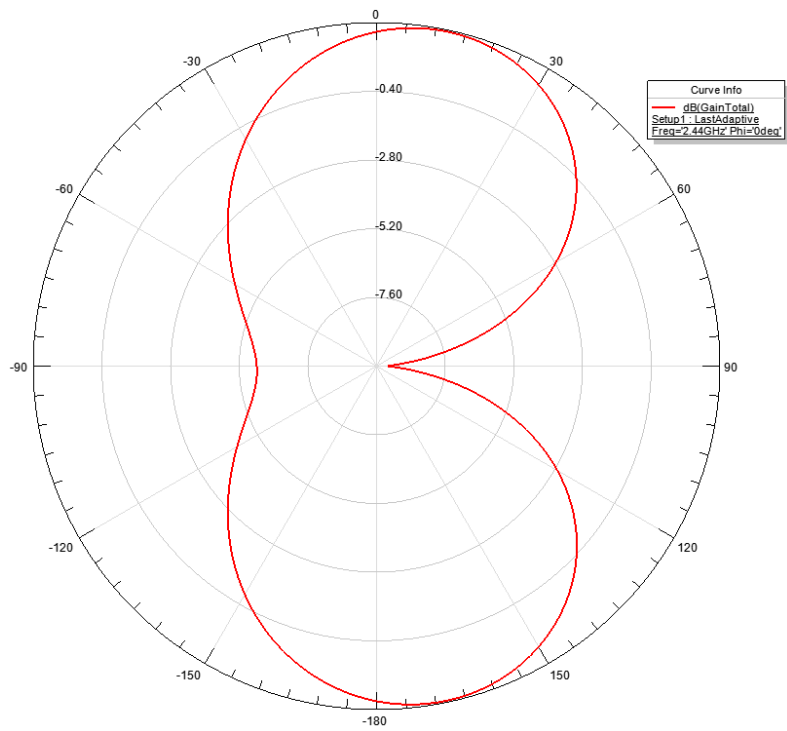


H plane:

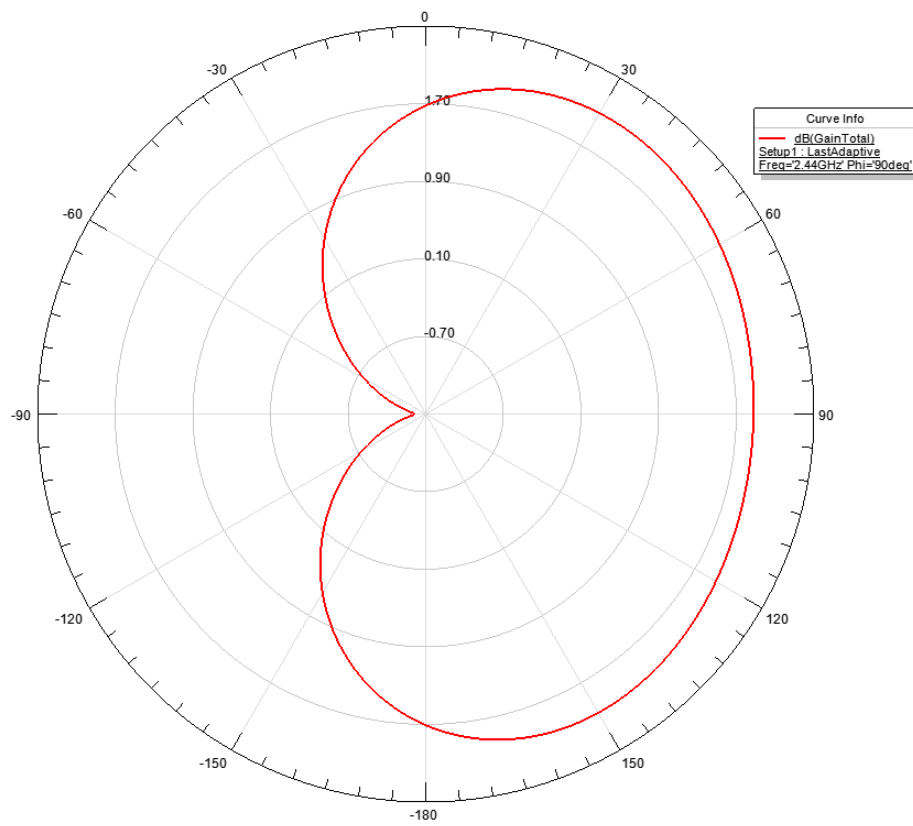


2.44GHz:

E plane:

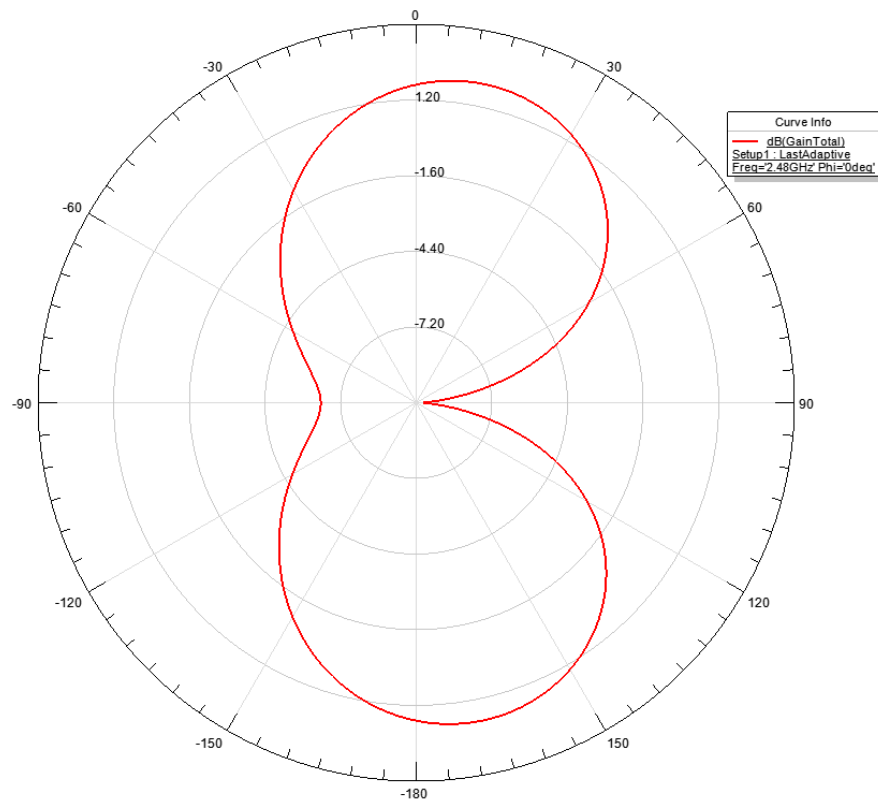


H plane:



2.48GHz:

E plane:



H plane:

