



芯海科技  
CHIPSEA

# 蓝牙天线规格

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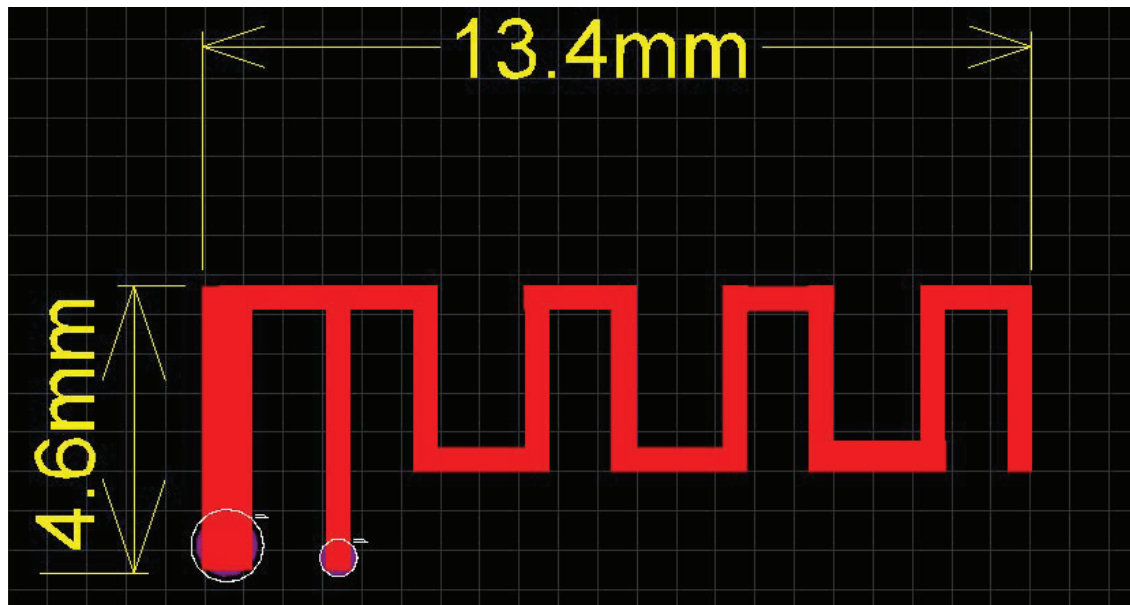
深圳市芯海科技有限公司

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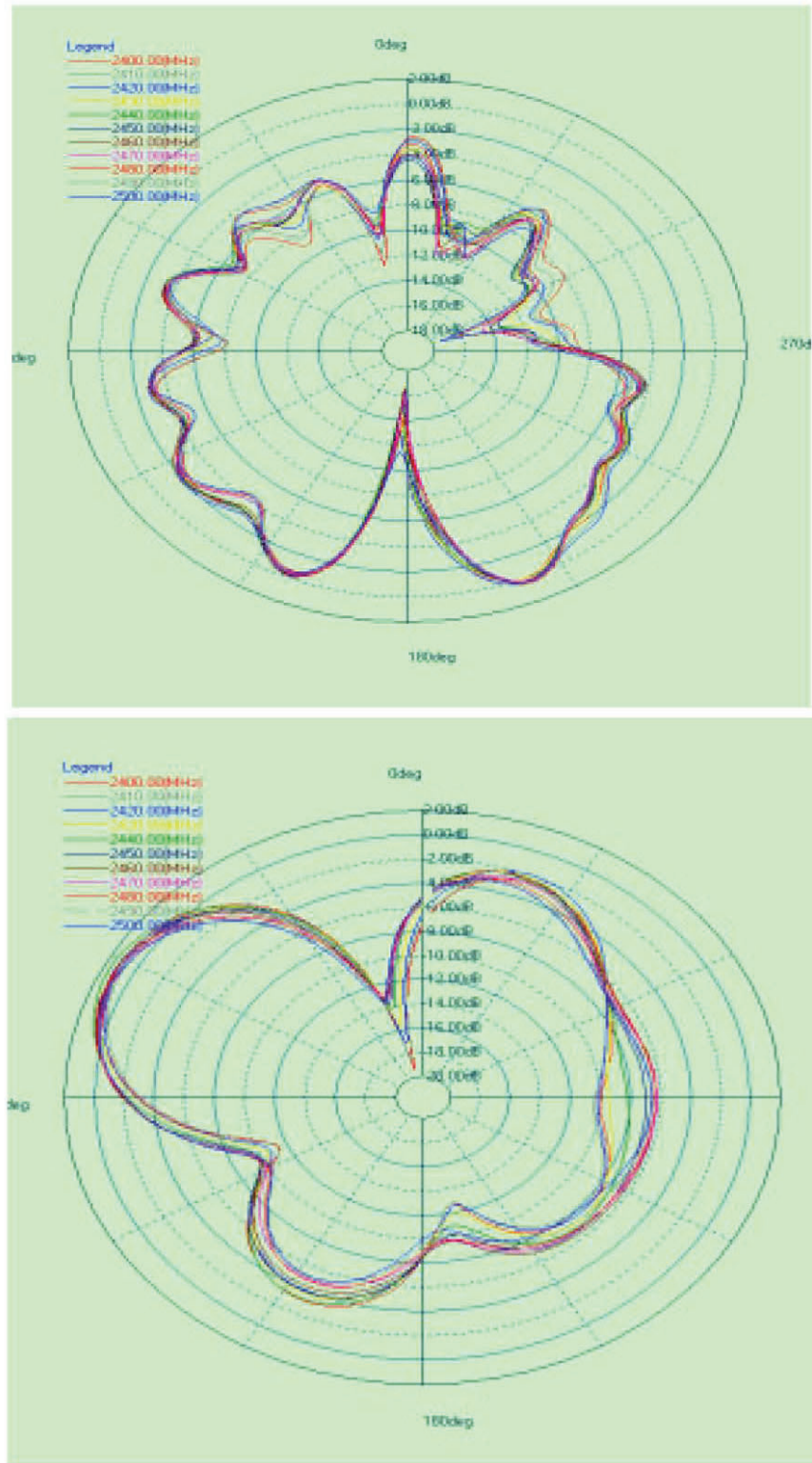
## 1: Antenna Description

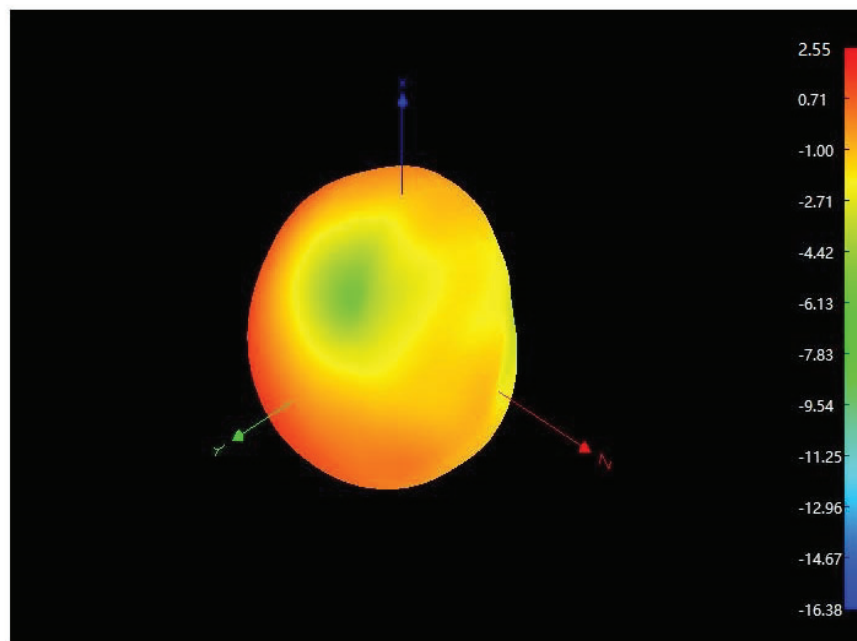
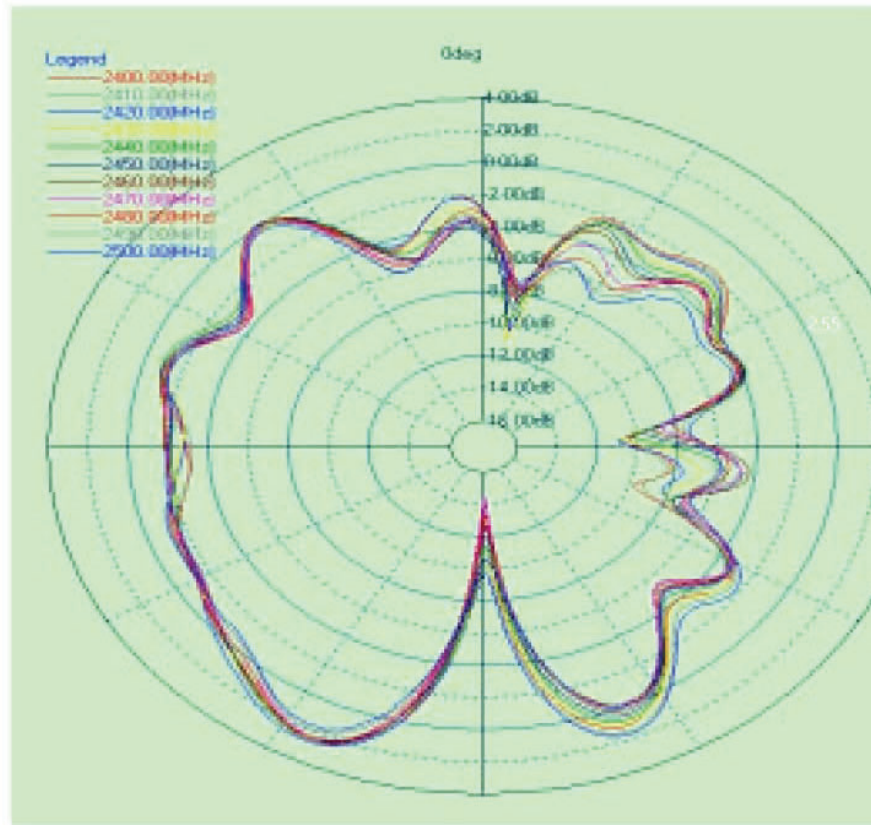
|                        |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| Manufacture            | Xingning Jingweijin Electronics Co., Ltd                                                                  |
| Manufacturer's address | Xingning City, Dongguan Shijie (Xingning)<br>Transfer Park South District Jingweijin<br>Industrial Park 2 |
| Antenna Type           | PCB Antenna                                                                                               |
| Antenna peak gain      | 2.5dBi                                                                                                    |
| Frequency range        | 2.4GHz~2.5GHz                                                                                             |
| Connect type           | Direct Connect                                                                                            |

## 2: Antenna picture on the PCB board



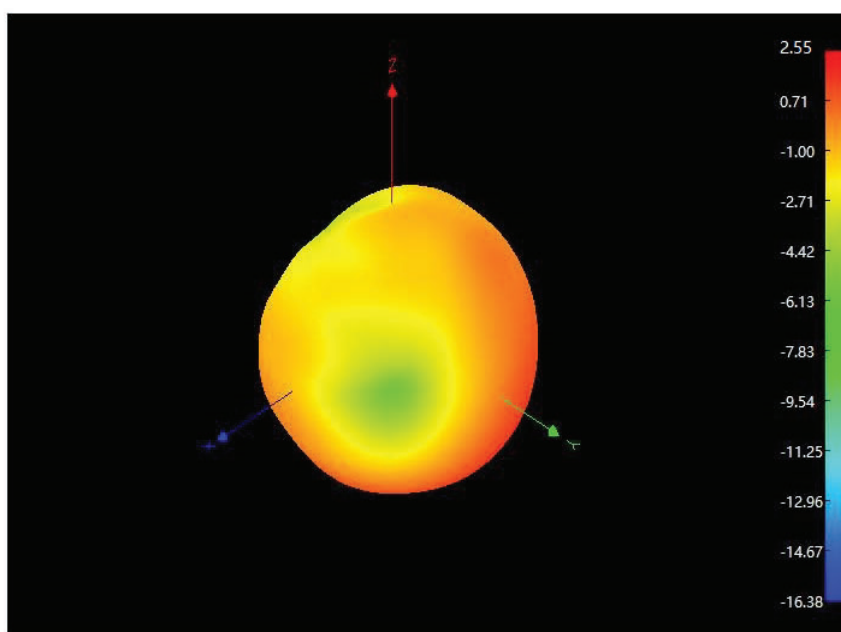
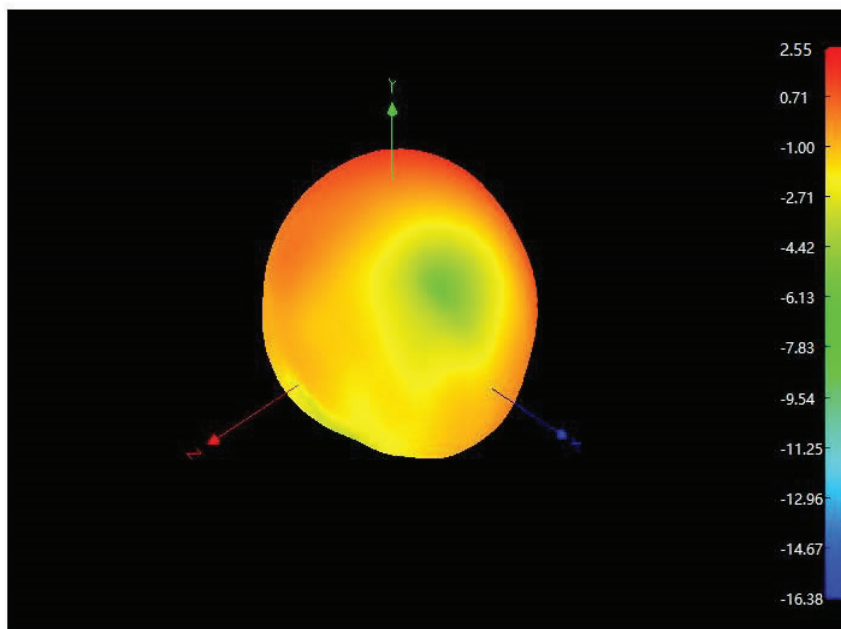
### 3: Antenna Radiation Pattern (1D and 3D)





Solution frequency at 2.44GHz

Solution frequency at 2.44GHz



Solution frequency at 2.44GHz

| Frequency (MHz) | Efficiency(%) | Gain (dBi) |
|-----------------|---------------|------------|
| 2400            | 52.29%        | 1.62       |
| 2410            | 52.17%        | 1.71       |
| 2420            | 53.14%        | 1.93       |
| 2430            | 54.16%        | 1.98       |
| 2440            | 57.62%        | 2.00       |
| 2450            | 59.64%        | 2.17       |
| 2460            | 61.55%        | 2.45       |
| 2470            | 60.64%        | 2.38       |
| 2480            | 62.86%        | 2.50       |
| 2490            | 59.85%        | 2.30       |
| 2500            | 60.41%        | 2.49       |