



芯海科技  
CHIPSEA

# 蓝牙天线规格

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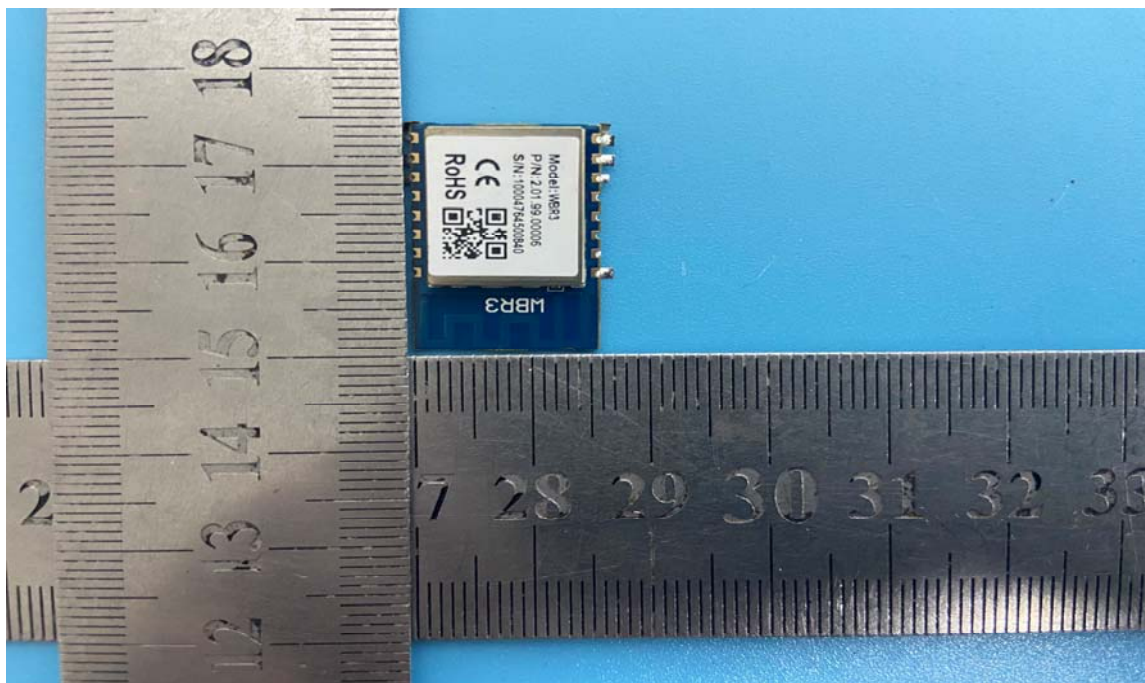
深圳市芯海科技有限公司

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## 1 : Antenna Description

|                   |                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------|
| Antenna Type      | PCB Antenna                                                                                               |
| Antenna peak gain | 2.5dBi                                                                                                    |
| Frequency range   | 2.402GHz ~ 2.480GHz                                                                                       |
| Connect type      | Direct Connect                                                                                            |
| Manufacturer      | Shenzhen Lanbiaoyi Technology Co., Ltd.                                                                   |
| Address           | RM.1438F, Anjier Bldg., NO.52 Bagua 4th ST., Yuanling Ave., Futian Dist., Shenzhen Guangdong China 518000 |
| Antenna model     | LGP2107                                                                                                   |

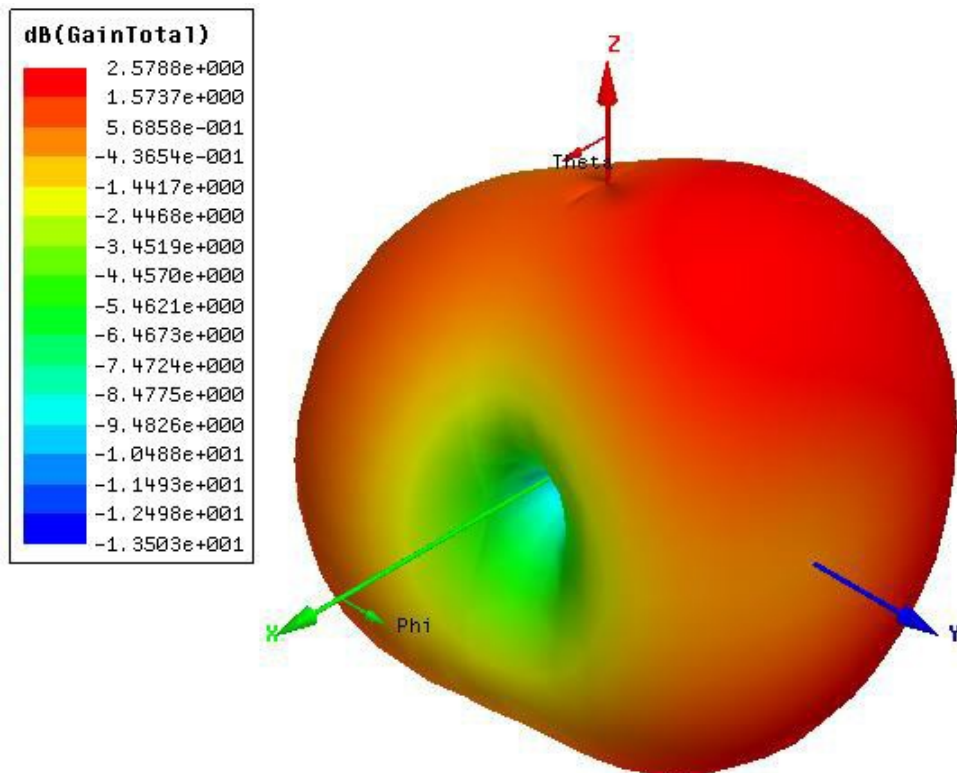
## 2 : Antenna picture on the PCB borad



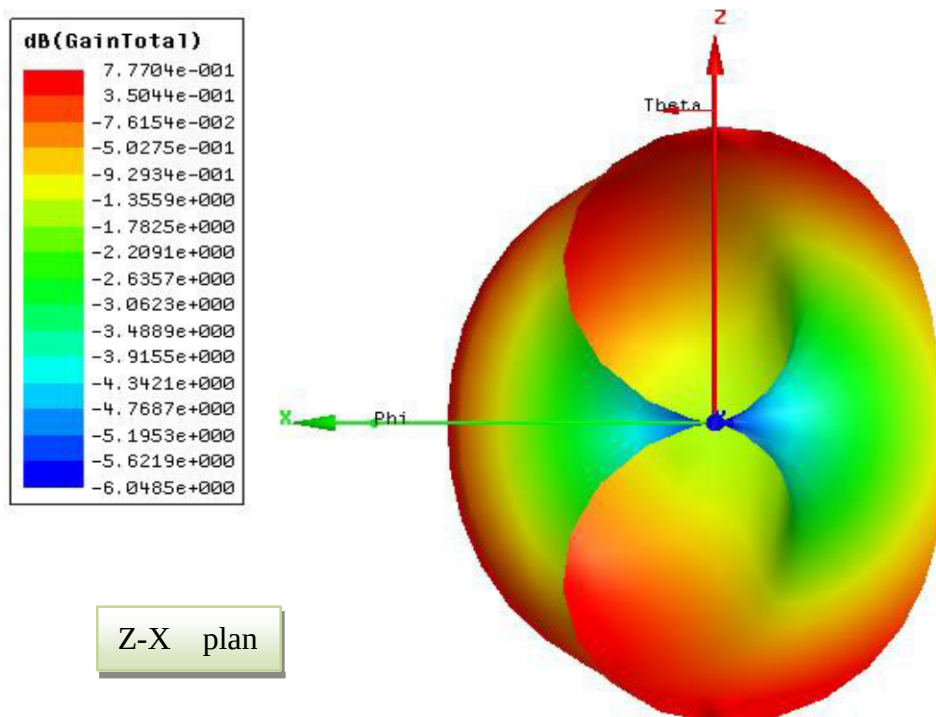
ANT SIZE: 15mm\*6mm

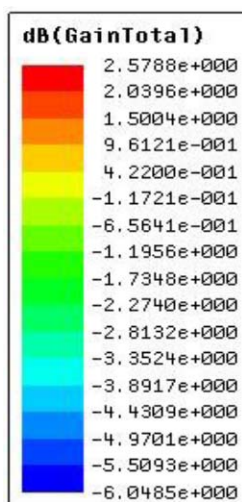
## 3 : Antenna radiation of 3D polar

Solution frequency at 2.44G

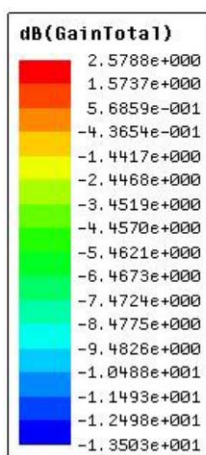
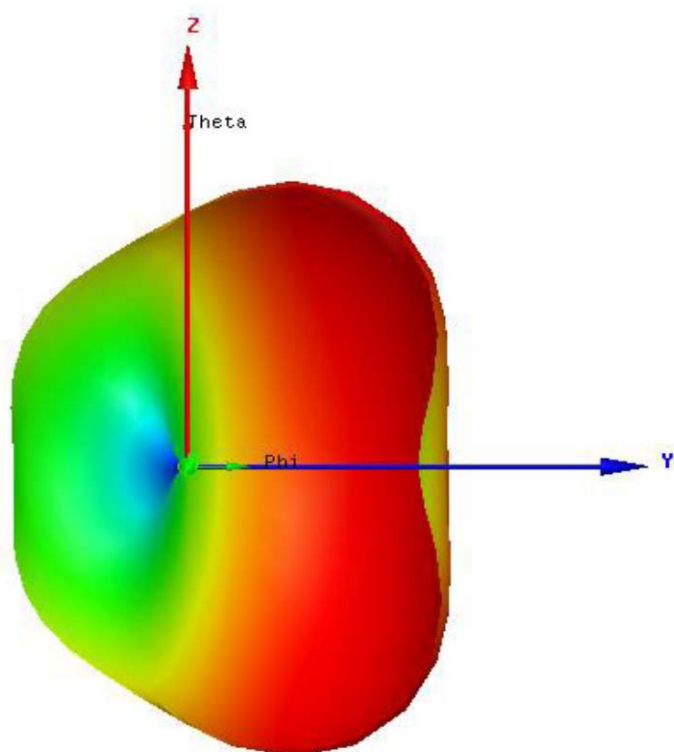


### 3 : Antenne radiation pattern

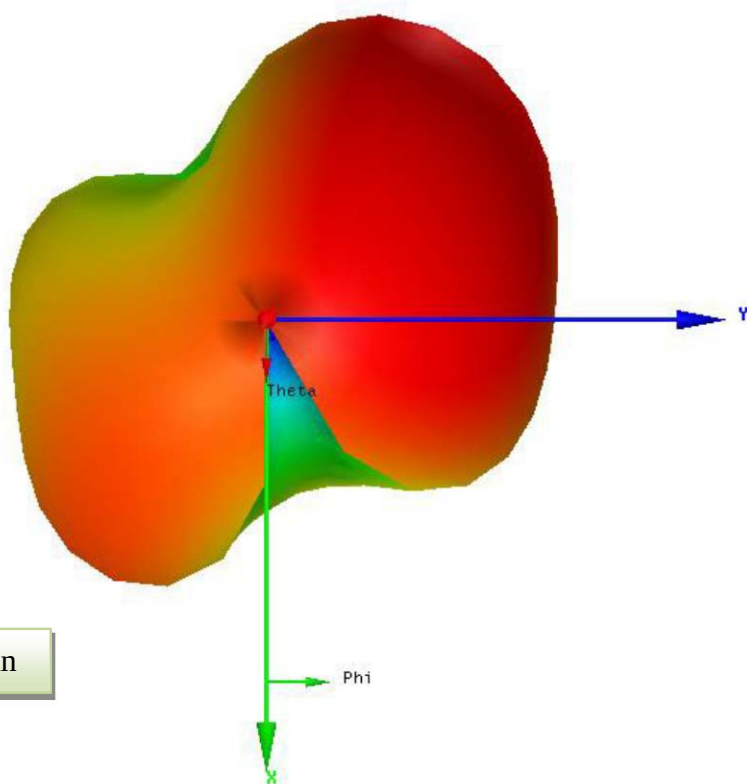


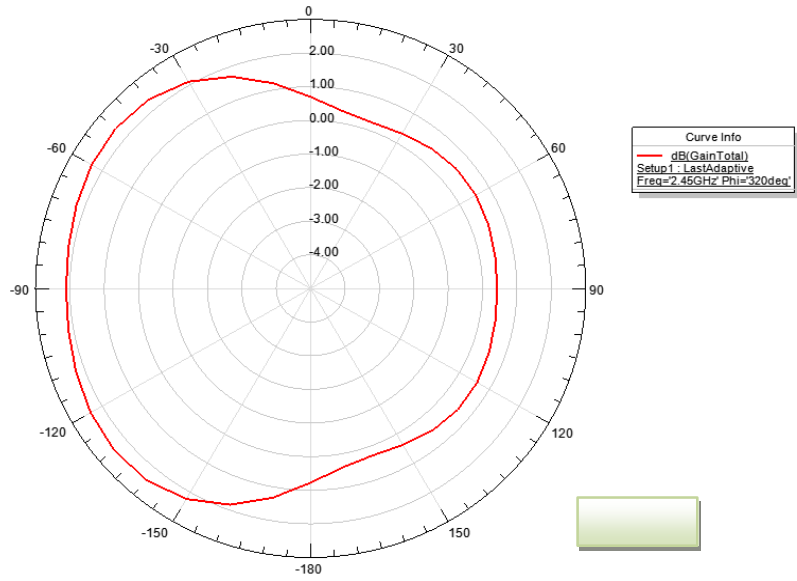


Z-Y plan



XY plan





E plan

| Frequency | Gain (dBi) |
|-----------|------------|
| 2400MHz   | 0.23       |
| 2410MHz   | 0.25       |
| 2420MHz   | 0.26       |
| 2430MHz   | 1.20       |
| 2440MHz   | 2.00       |
| 2450MHz   | 2.5        |
| 2460MHz   | 2.43       |
| 2470MHz   | 1.52       |
| 2480MHz   | 1.88       |