

客户名称：厦门狄耐克智能科技股份有限公司

**CustomerName:Dnake (Xiamen) Intelligent Technology Co., Ltd.**

公司地址：厦门区火炬高新技术工业区创新路兴联大厦 5 楼

Manufacturer Address : 5/F, Xingtel Building, Chuangxin Road,  
Torch Hi-Tech Industrial District, Xiamen PR China

产品名称：蓝牙天线 （印制板天线)

**Product Name: BT Antenna （Type of Antenna: PCB Antenna）**

型号：DNAKE\_BT\_ANT\_001

**SampleModel: DNAKE\_BT\_ANT\_001**

发行日期：2023.03.12

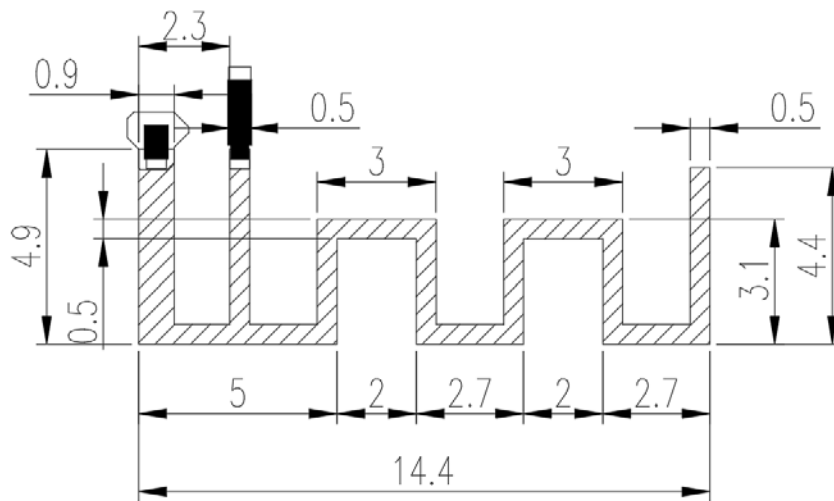
**IssueDate: 2023.03.12**

设计 Engineer	审核 Auditor	批准 Approver

1 电气参数 Electrical parameters

频率范围 Frequency(MHz)	2400~2500
输入阻抗 Impedance( $\Omega$ )	50
最大增益 Peak Gain(dBi)	-4.8
方位角 Azimuth Beam width	全向 Omni-directional

2.结构尺寸 Dimension (unit:mm)

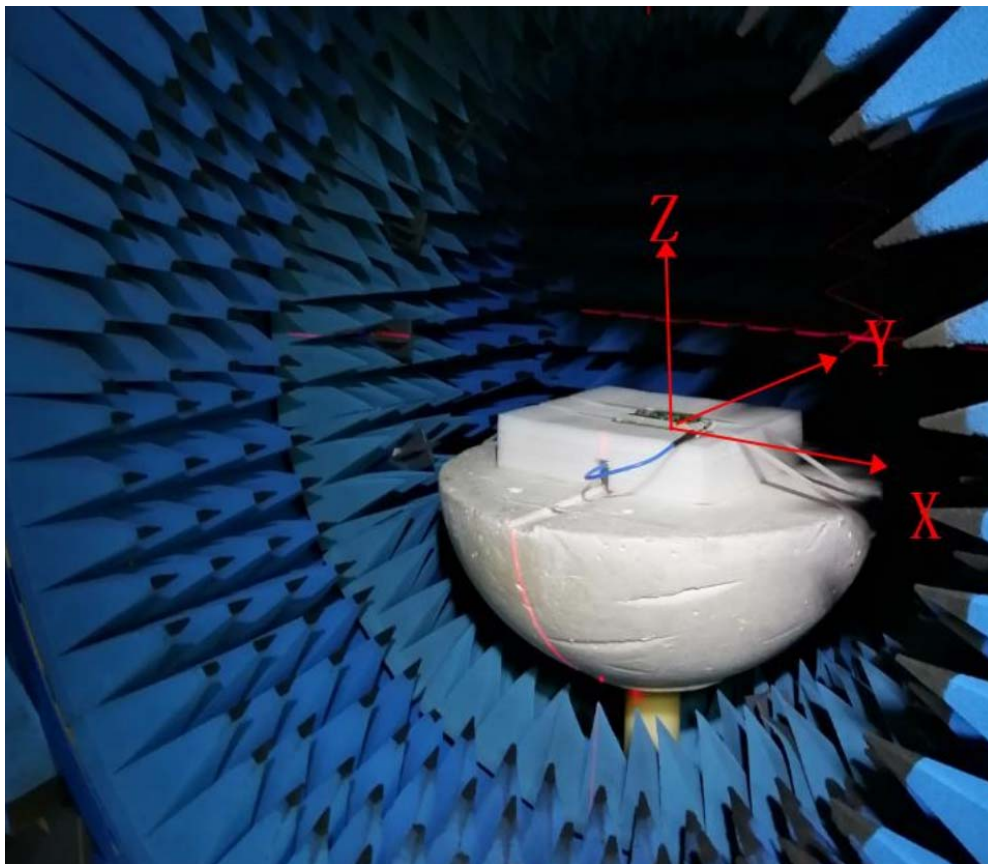


### 3.天线规格书: Antenna Specification

#### 3.1 天线安装位置 Antenna installation position



#### 3.2 天线测试暗室摆放位置 Antenna test darkroom placement

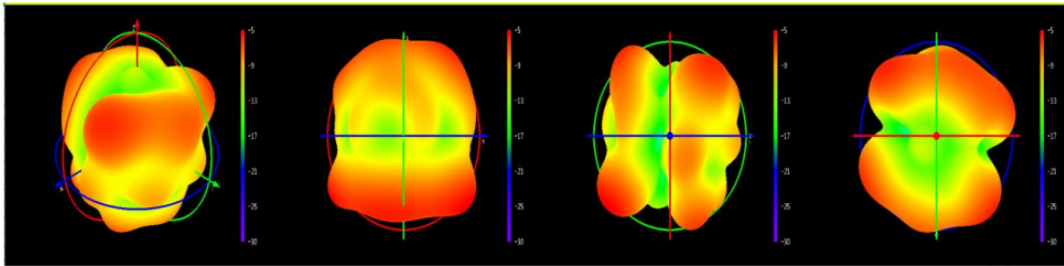


### 3.2 测试数据 test data

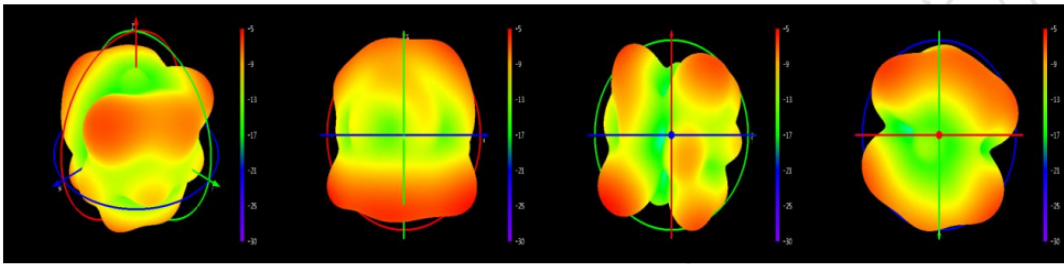
<b>Frequency (MHz)</b>	<b>Gain (dBi)</b>	<b>Efficiency (%)</b>
<b>2400</b>	-5.79	<b>10.68</b>
<b>2410</b>	-5.53	<b>10.94</b>
<b>2420</b>	-5.58	<b>11.16</b>
<b>2430</b>	-5.4	<b>11.41</b>
<b>2440</b>	-5.42	<b>11.63</b>
<b>2450</b>	-5.22	<b>11.74</b>
<b>2460</b>	-5.26	<b>11.9</b>
<b>2470</b>	-5.11	<b>11.86</b>
<b>2480</b>	-5.13	<b>11.95</b>
<b>2490</b>	-4.89	<b>12.45</b>
<b>2500</b>	-4.8	<b>12.69</b>

### 3. 3D 辐射方向图 3D Radiation Pattern

2400M 3D-E1-E2-H



2450M 3D-E1-E2-H



2500M 3D-E1-E2-H

