

深圳市卓越者科技有限公司  
Shenzhen Zoyosic Technology Co., Ltd.

深圳市坂田街道发达路云里智能园8栋5楼512-513房  
Room 512-513, 5/F, Building 8, Yunli Smart Park, Fazhan Road, Bantian Street, Shenzhen, China

承 认 书

APPROVAL SHEET

客 户 名 称: 深圳市昊一源科技有限公司

CUSTOMER NAME: Shenzhen Hollyland Technology Co., Ltd

产 品 名 称: 5.8G-PCB 内置天线+端子 L=150mm

PRODUCT NAME: 5.8G-PCB built-in antenna+terminal L=150mm

客 户 料 号: R35-HY02SW1-150

CUSTOMER P/N: R35-HY02SW1-150

电 子 料 号: ZYZ02S150W136A

ZYZ P/N: ZYZ02S150W136A REV: A

|                                   |                                 |                                   |
|-----------------------------------|---------------------------------|-----------------------------------|
| 制造商-卓越者科技<br>Manufacturer-ZOYOSIC | 制造商签名<br>Manufacturer Signature | 客户承认章<br>Customer Approval Signet |
| 制 作<br>Make                       | 周红波<br>Hongbo Zhou              |                                   |
| 审 核<br>Check                      | 倪磊<br>Lei Ni                    |                                   |
| 确 认<br>Approval                   | 郑仰勇<br>Yangyong Zheng           |                                   |
| 日 期<br>Date                       | 2020-04-13                      |                                   |

深圳市卓越者科技有限公司  
Shenzhen Zoyosic Technology Co.,Ltd.

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*Item*

*Description*

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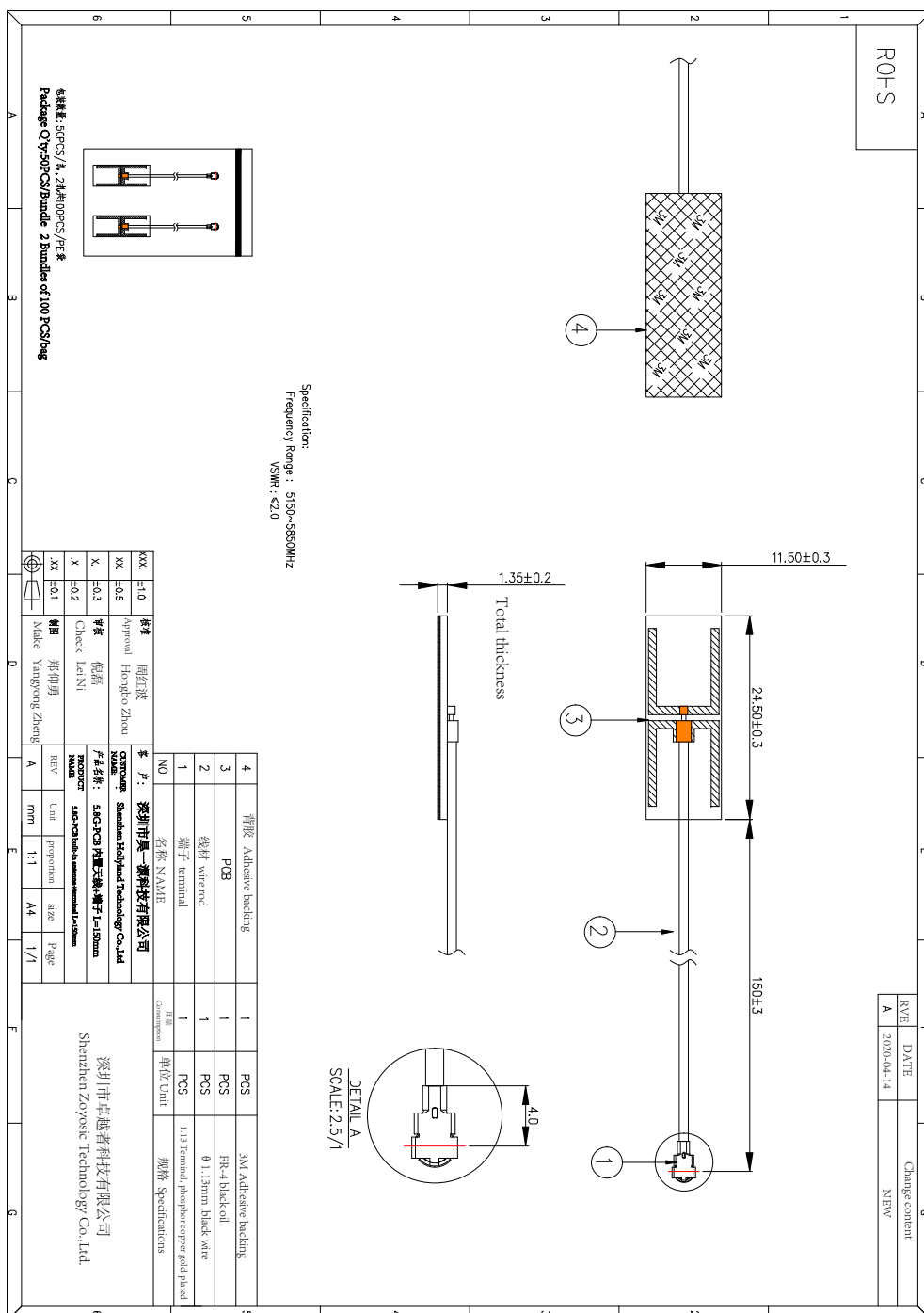
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1. 规格表:

Specification sheet:

| 主要技术指标        |           | Main technical specifications |                    |
|---------------|-----------|-------------------------------|--------------------|
| 频率范围<br>(MHZ) | 5150~5850 | Frequency Range<br>(MHZ)      | 5150~5850          |
| 特性阻抗(Ω)       | 50        | Impedance(Ω)                  | 50                 |
| 增益(dBi)       | 2.16      | Gain(dBi)                     | 2.16               |
| 输出电压<br>驻波比   | ≤1. 92    | VSWR                          | ≤1. 92             |
| 最大功率          | 1W        | Admitted Power                | 1W                 |
| 极化方式          | 线极化       | Polarization                  | Linear             |
| 连接方式          | 同轴线+端子    | Connector Type                | RF Cable+ Terminal |
| 物理性能          |           | Physical Properties           |                    |
| 天线本体材料        | PCB       | Antenna Base                  | PCB                |
| 工作温度          | -20℃~+50℃ | Operating Temp                | -20℃~+50℃          |
| 保存温度          | -20℃~+50℃ | Storage Temp                  | -20℃~+50℃          |

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### 3. 天线测试报告 Test report:

#### 3.1: 网络分析仪测试报告 Network Analyzer Test Report

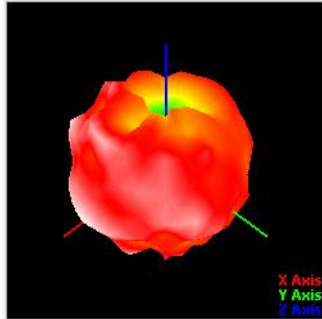


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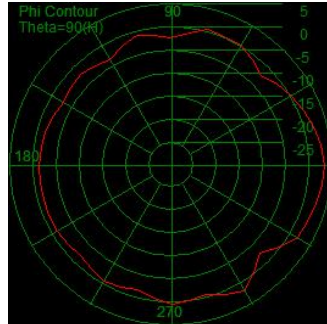
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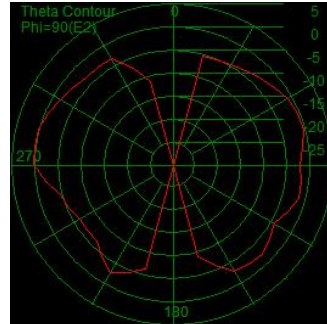
### 3.2: 暗室 2D、3DRaditation Pattern



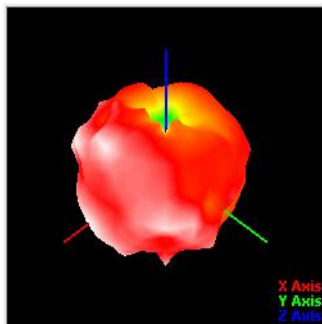
5.15GHz



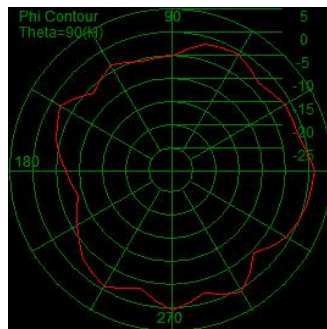
Gain:1.86dBi



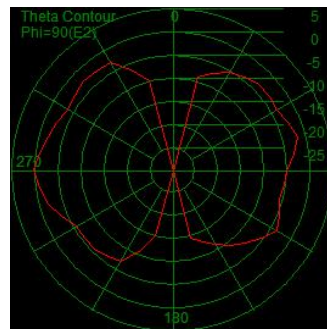
Efficiency: 59.56%



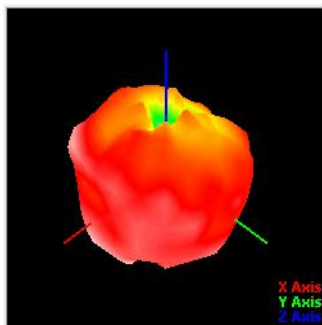
5.35GHz



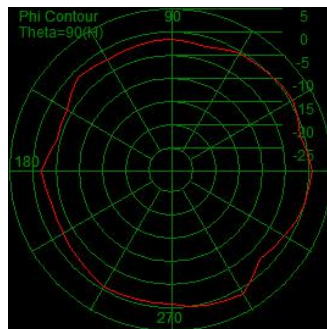
Gain:1.82dBi



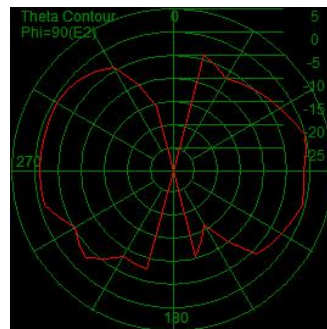
Efficiency: 55.71%



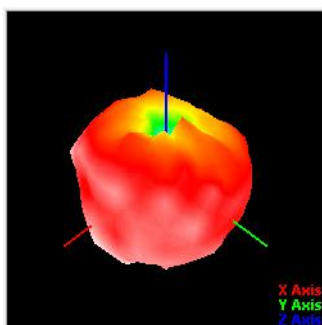
5.75GHz



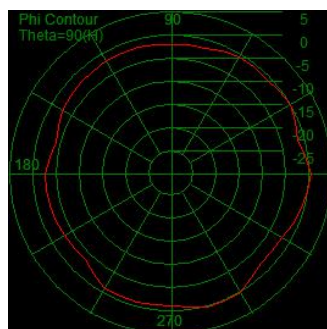
Gain: 2.16dBi



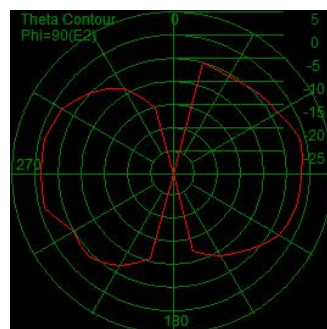
Efficiency: 61.33%



5.85GHz



Gain: 1.89dBi



Efficiency: 62.35%