



SPECIFICATION

APPLICATION FOR APPROVAL

客户名称 CUSTOMER : 横店集团得邦照明股份有限公司
客户案号 CS P/N : BR30 灯泡
零件名称 PART NAME : 194601*天线
耀登案号 DEVE NO. : AUK02283B-弹簧
零件名称 PART NAME : A72765-30
承认日期 DATE : Aug. 10, 2022

| | | | |
|----------------|-------|------|------|
| 客户确认: | | | |
| 射频工程师 | 结构工程师 | 研发经理 | 产品经理 |
| | | | |
| 耀登电通科技(昆山)有限公司 | | | |
| 电气工程师 | 结构工程师 | 研发经理 | 项目经理 |
| 范伟凡 | 陈红雪 | 范伟凡 | 王显文 |

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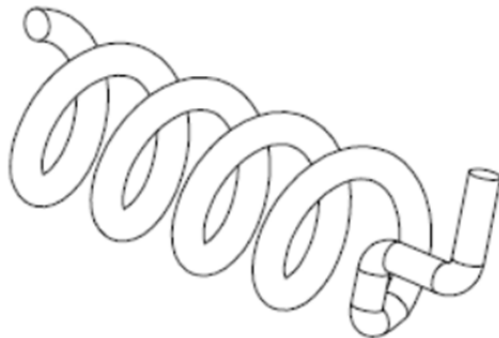
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天线基本参数 (The Basic Parameters)

| 项目 (Item) | 特性 (Specifications) |
|------------------------------|---|
| 天线结构组成 | 镀镍线 |
| 频率 (Frequency) | 2.4g |
| 驻波比 (V. S. W. R) | ≤ 3 |
| 增益 (Gain) | ≤ 3 |
| 极化方式 (Polarization) | 线极化 |
| 特性阻抗 (Impedance) | 50Ω |
| 塑胶材质 (Plastic material) | 无 |
| 接头形式 (joint type) | 无 |
| 工作温度 (Operation temperature) | -40°C to 150°C |
| 储存温度 (Storage temperature) | -40°C to 150°C |
| 湿度 (humidity) | Non-condensing 65°C 95% RH |
| 天线图片 |  |

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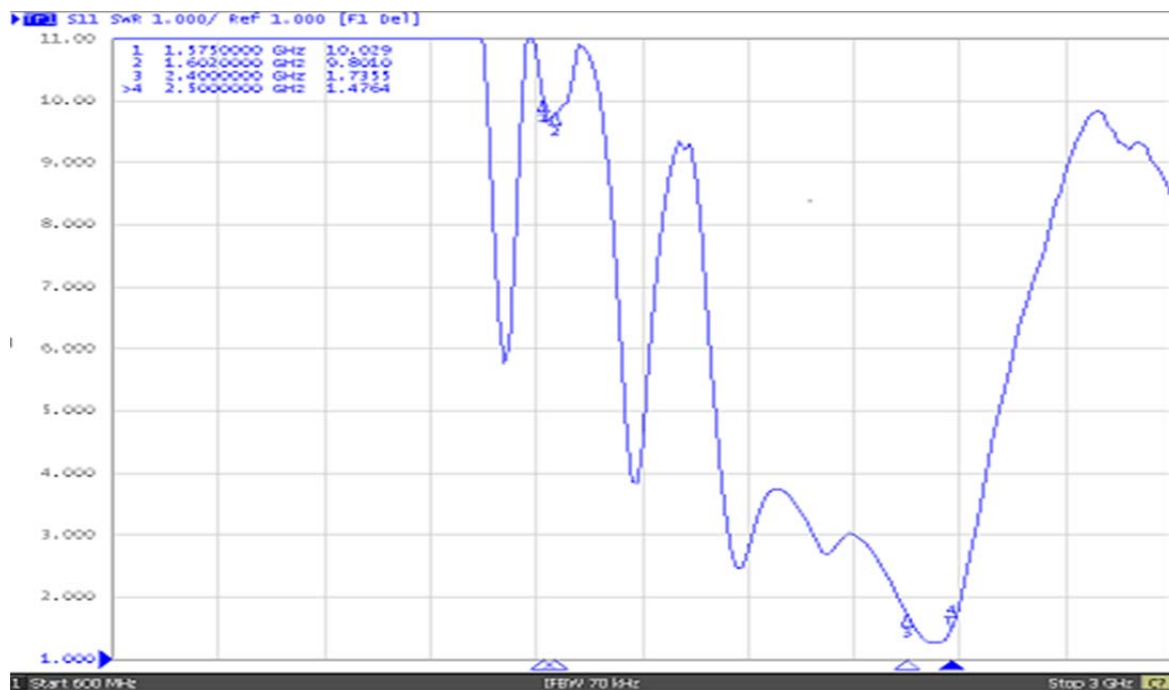
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电气测试报告（RF Performance Test Report）

2019-08-26 14:00:00

Vswr

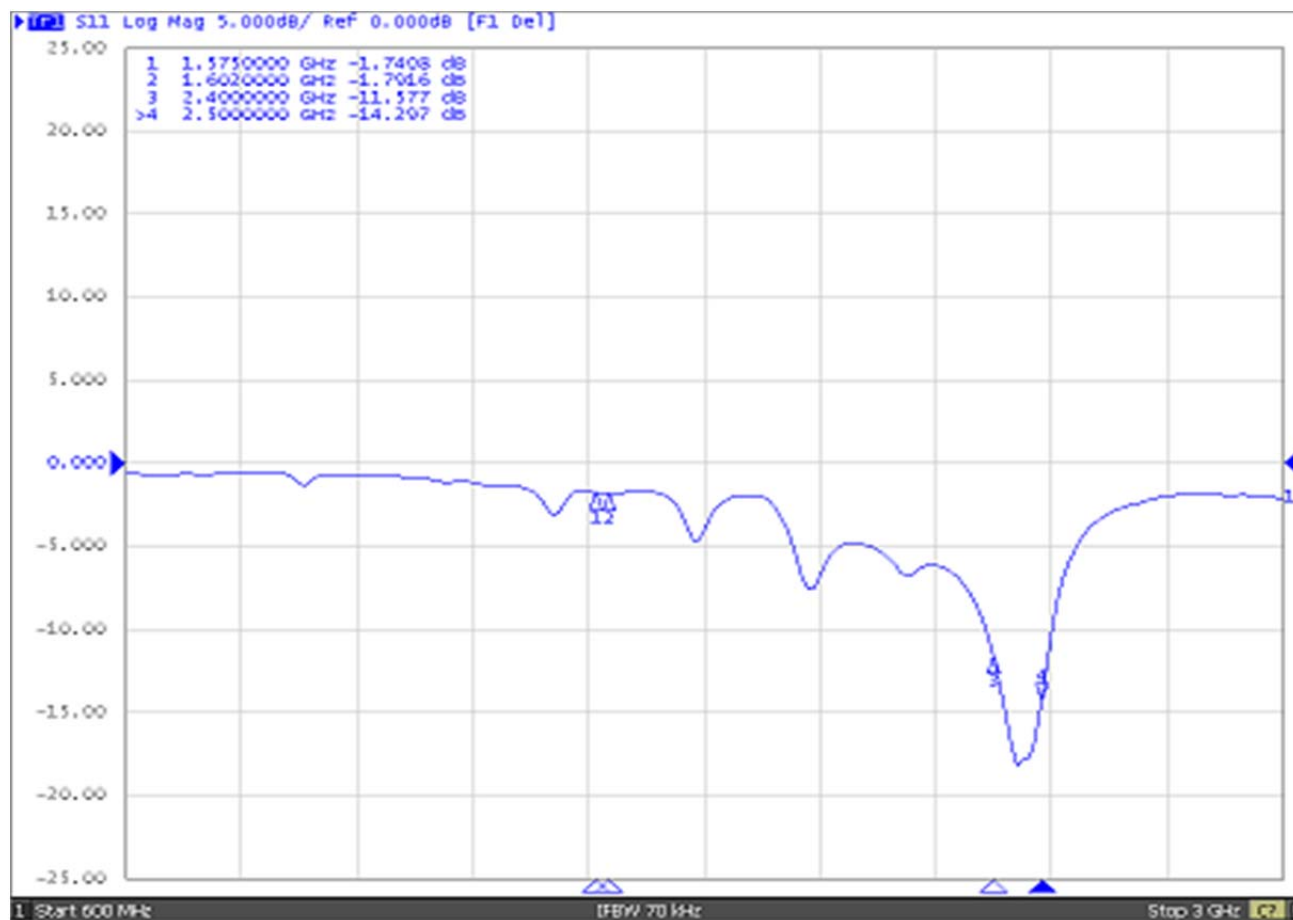
| Item | Frequency Range |
|------|-------------------|
| WIFI | 2400MHz - 2500MHz |



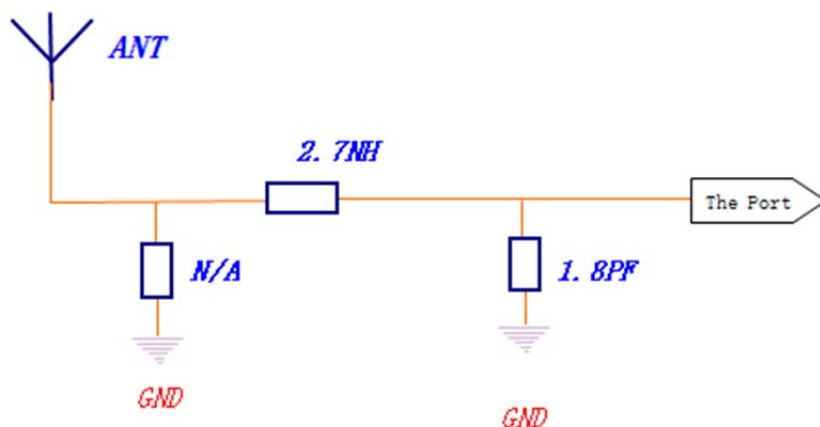
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R. L



匹配电路



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无源测试数据

| Frequency | Efficiency Total (%) | Gain Total (dBi) |
|-----------|----------------------|------------------|
| 2.4G | 48.98 | 1.71 |
| 2.41G | 48.08 | 1.72 |
| 2.42G | 49.66 | 1.8 |
| 2.43G | 50 | 1.75 |
| 2.44G | 47.42 | 1.65 |
| 2.45G | 51.88 | 2.26 |
| 2.46G | 52.72 | 2.28 |
| 2.47G | 51.52 | 2.14 |
| 2.48G | 52.72 | 2.18 |
| 2.49G | 49.2 | 1.71 |
| 2.5G | 47.86 | 1.65 |

有源测试数据

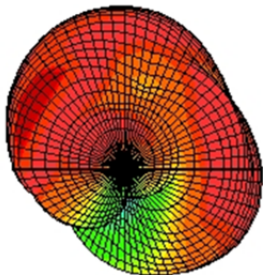
| | | trp | tis |
|-----|------|-------|--------|
| 11B | 1ch | 14.22 | -85.03 |
| | 6ch | 15.31 | -82.22 |
| | 11ch | 14.6 | -81.25 |
| 11G | 1ch | 15.39 | -70.83 |
| | 6ch | 14.95 | -68.3 |
| | 11ch | 15.11 | -70.39 |
| 11N | 1ch | 15.08 | -66.62 |
| | 6ch | 15.45 | -66.23 |
| | 11ch | 14.95 | -66.25 |

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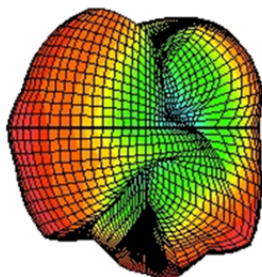
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2. 4G-3D

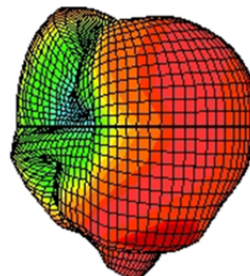
2.4GHzBack-Front View



2.4GHzDown-Up View

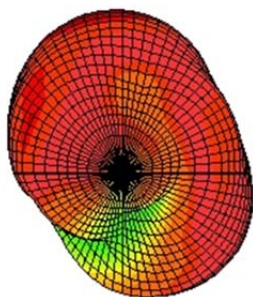


2.4GHzLeft-Right View

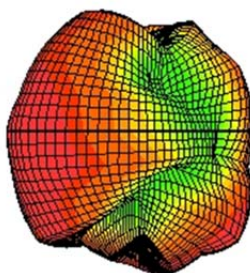


2. 45G-3D

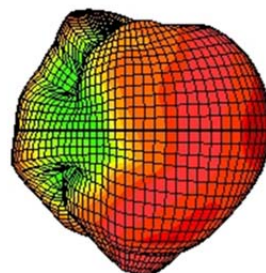
2.45GHzBack-Front View



2.45GHzDown-Up View

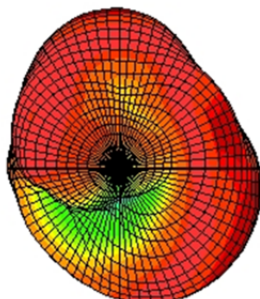


2.45GHzLeft-Right View

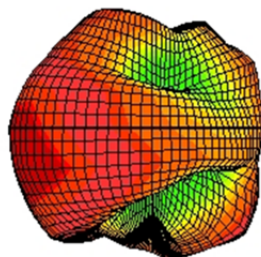


2. 5G-3D

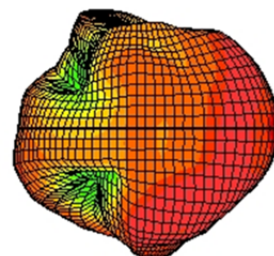
2.5GHzBack-Front View



2.5GHzDown-Up View

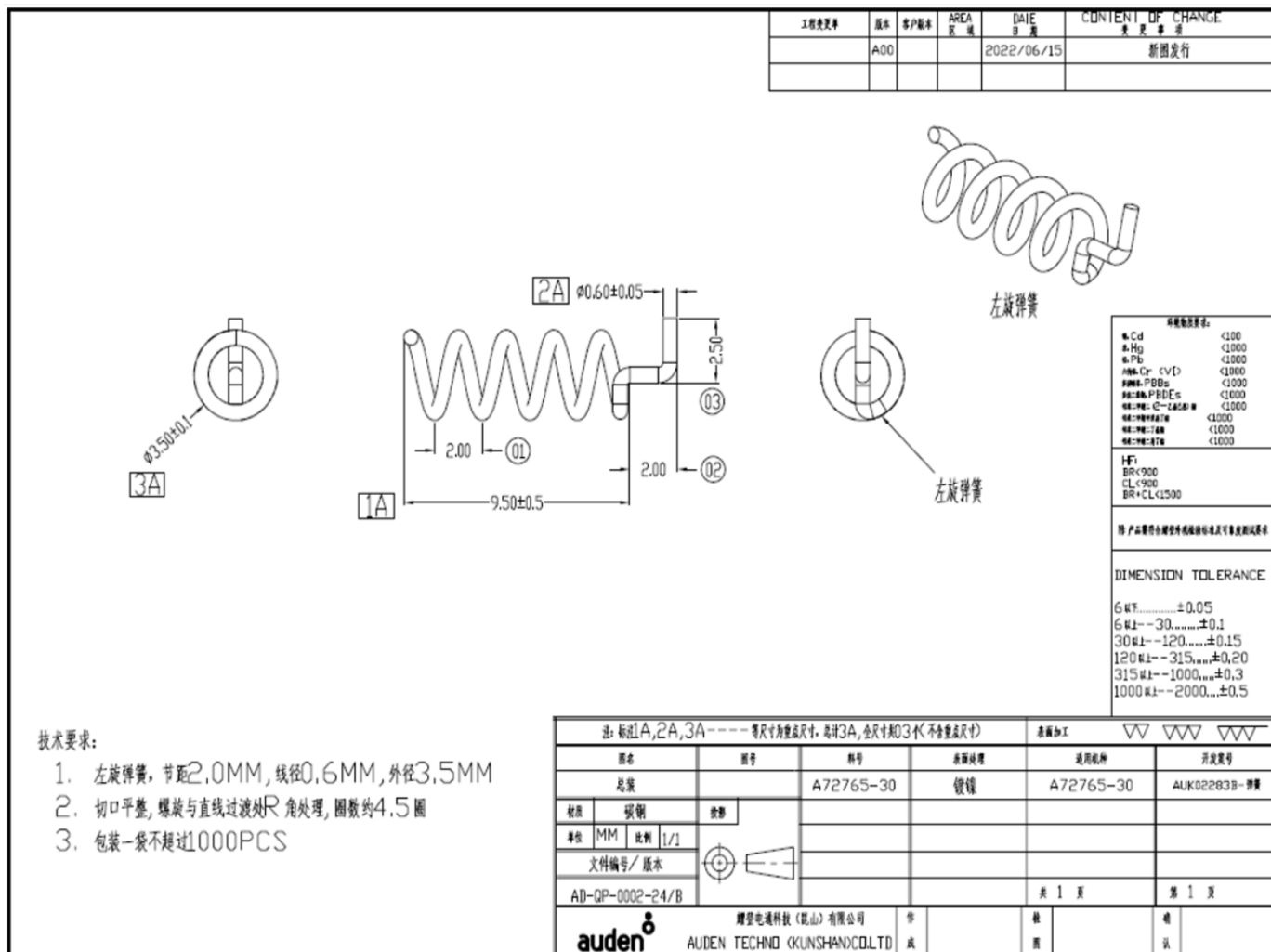


2.5GHzLeft-Right View



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工程图纸 (Product Drawing)

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