



# 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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**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	

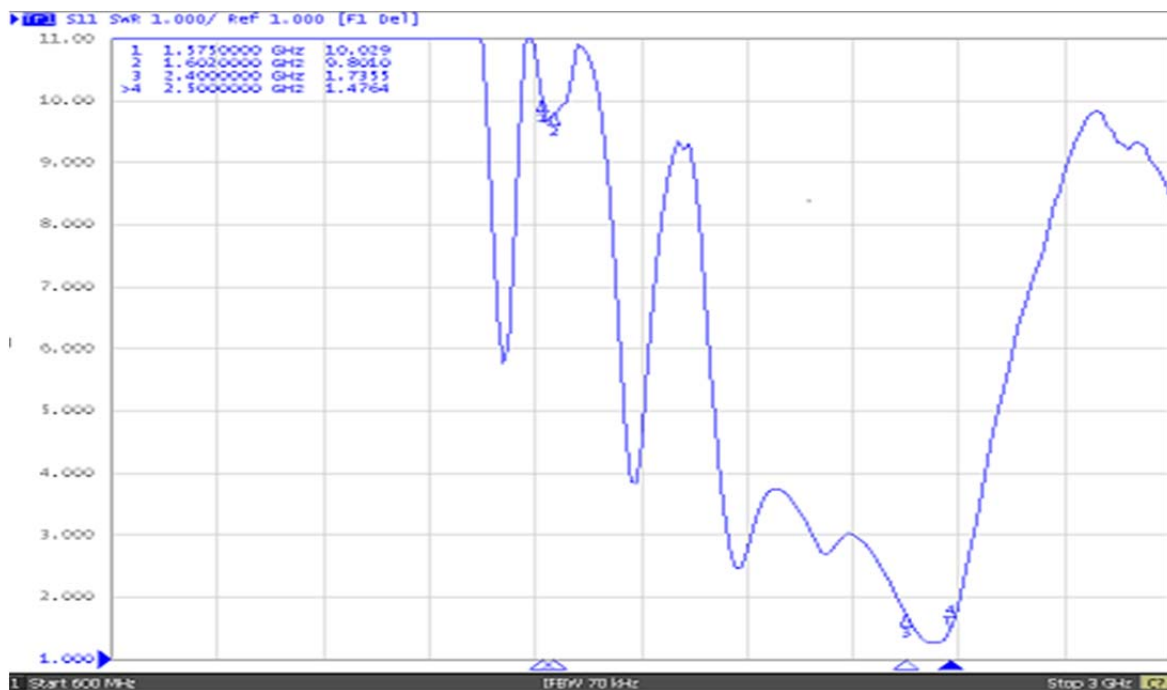
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## 电气测试报告 (RF Performance Test Report)

### Vswr

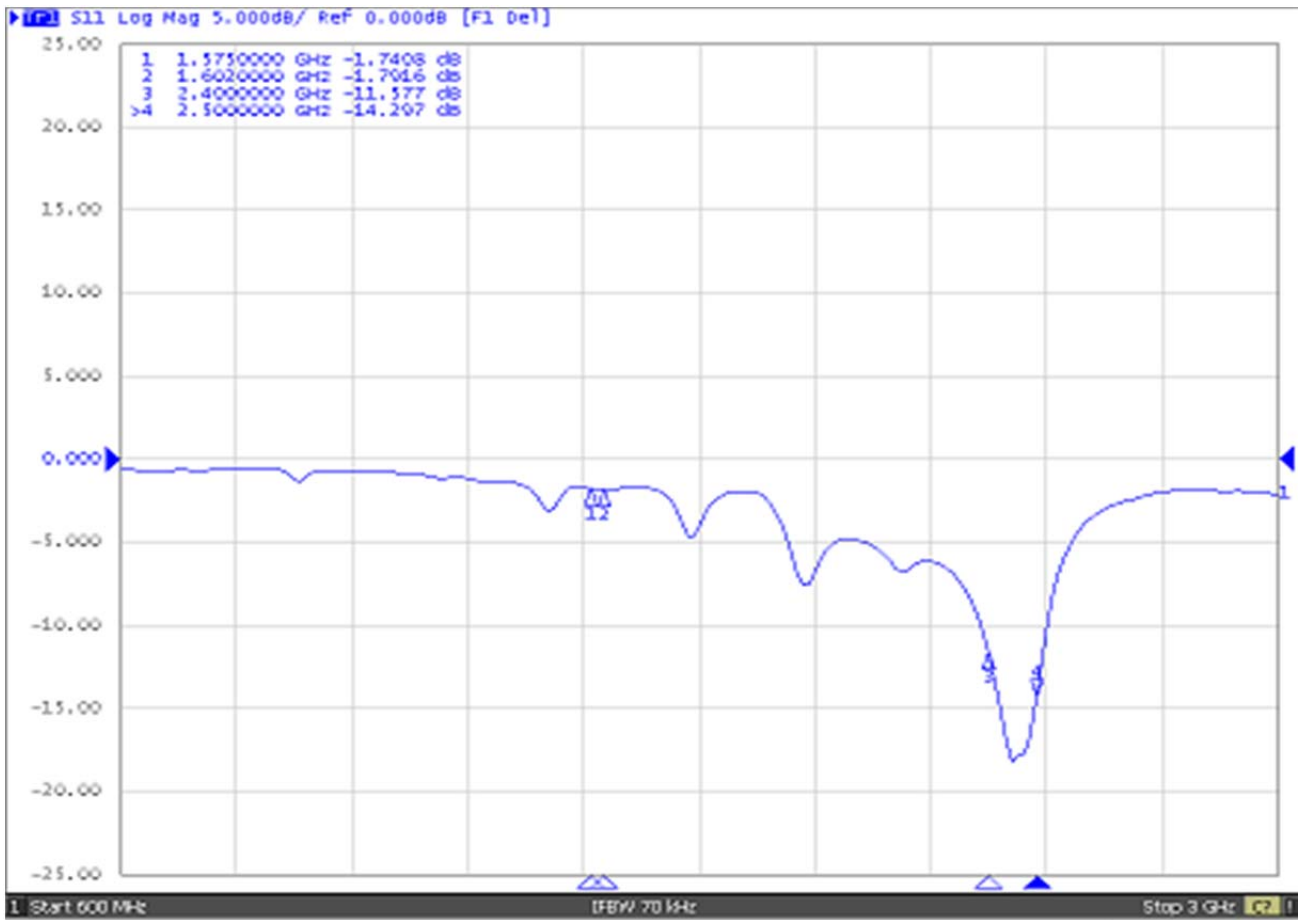
Item	Frequency Range
WIFI	2400MHz - 2500MHz



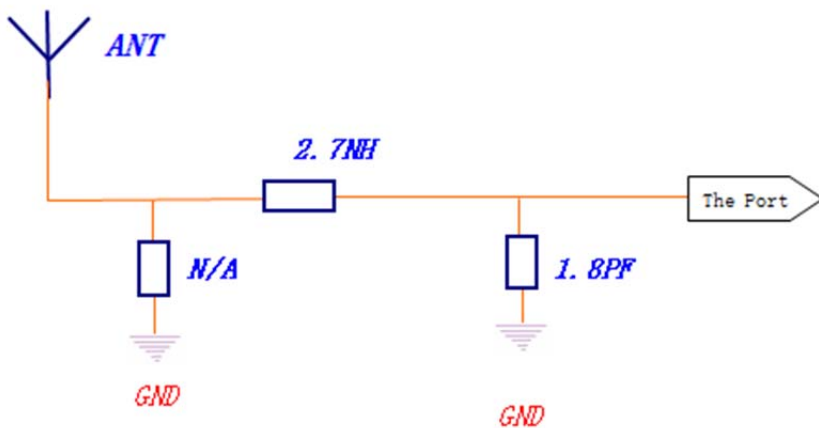
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R. L



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

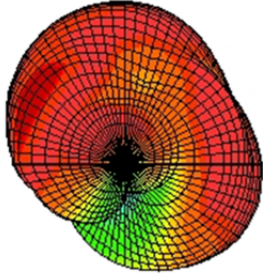
		trp	tis
11B	1ch	14.22	-85.03
	6ch	15.31	-82.22
	11ch	14.6	-81.25
11G	1ch	15.39	-70.83
	6ch	14.95	-68.3
	11ch	15.11	-70.39
11N	1ch	15.08	-66.62
	6ch	15.45	-66.23
	11ch	14.95	-66.25

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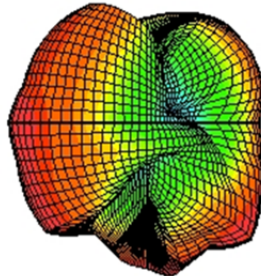
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## 2. 4G-3D

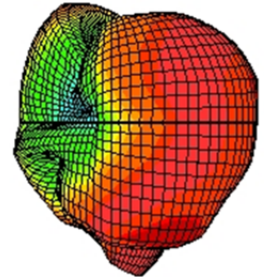
2.4GHzBack-Front View



2.4GHzDown-Up View

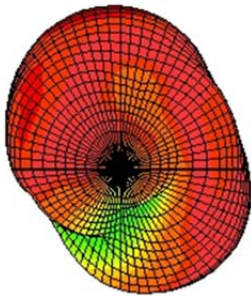


2.4GHzLeft-Right View

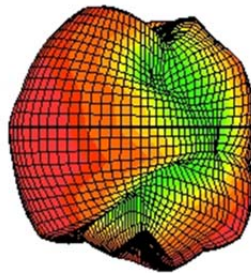


## 2. 45G-3D

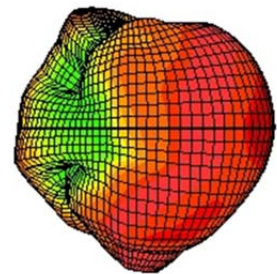
2.45GHzBack-Front View



2.45GHzDown-Up View

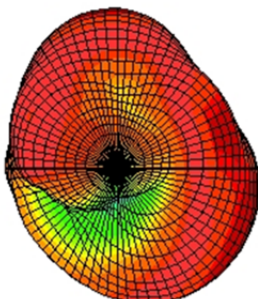


2.45GHzLeft-Right View

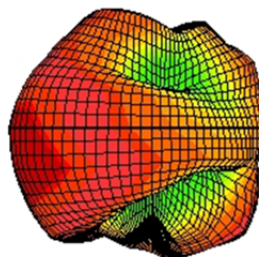


## 2. 5G-3D

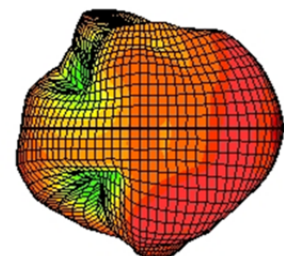
2.5GHzBack-Front View



2.5GHzDown-Up View



2.5GHzLeft-Right View



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工程图纸 (Product Drawing)

工程变更单	版本	客户版本	AREA	DATE	CONTENT OF CHANGE
	A00			2022/06/15	新增发行

左旋弹簧

材料规格要求:

W: Cd	<100
H: Hg	<1000
Pb: Pb	<1000
Cr: Cr	<1000
Fe: Fe	<1000
Ag: Ag	<1000
C: C	<1000
Si: Si	<1000
Mn: Mn	<1000
Ni: Ni	<1000
Al: Al	<1000

HF:

BR<900	
CL<900	
BR+CL<1500	

附: 产品需符合附件规格书内容及可量测项目

DIMENSION TOLERANCE

6以下	±0.05
6以上--30	±0.1
30以上--120	±0.15
120以上--315	±0.20
315以上--1000	±0.3
1000以上--2000	±0.5

技术要求:

- 左旋弹簧, 节距2.0MM, 线径0.6MM, 外径3.5MM
- 切口平整, 螺旋与直线过渡处R角处理, 圈数约4.5圈
- 包装一袋不超过1000PCS

注: 标注1A, 2A, 3A----等尺寸为重量尺寸, 标注3A, 全尺寸制03(不含重量尺寸)		表面加工		▽▽▽▽
图名	图号	料号	表面处理	适用料种
总装		A72765-30	镀锌	A72765-30
材质	规格	数量		
单位	MM	比例	1/1	
文件编号/版本	AD-QP-0002-24/B			
		奥登电通科技(昆山)有限公司 AUDEN TECHNO(KUNSHAN)CO.LTD	华 成	林 西

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