



# 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 : A19 全彩智能灯泡  
 零件名称 PART NAME : AUK01993RB-2.4G BT 天线  
 耀登案号 DEVE NO. : A92488-90

承认日期 DATE : Sep. 7, 2021

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	钱磊	王显文

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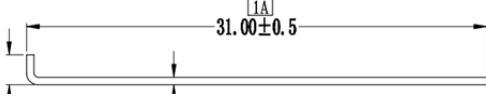
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**天线基本参数 (The Basic Parameters)**

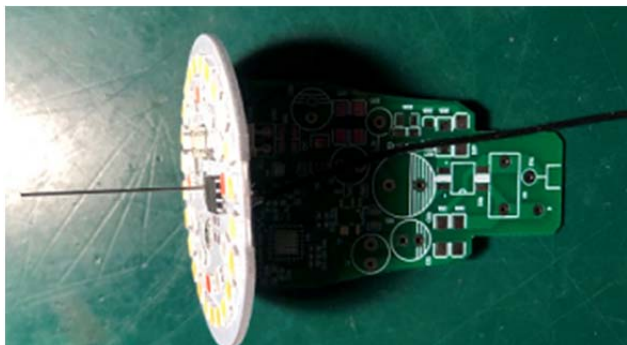
项目 (Item)	特性 (Specifications)
天线结构组成	镀镍线
频率 ( Frequency)	2.4g
驻波比 (V. S. W. R)	≤3
增益 (Gain)	≤3
极化方式 (Polarization)	线极化
特性阻抗 (Impedance)	50Ω
塑胶材质 (Plastic material)	无
接头形式 (joint type)	无
工作温度 (Operation temperature)	-40°C to 150°C
储存温度 (Storage temperature)	-40°C to 150°C
湿度 (humidity)	Non-condensing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

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

组装位置图片



### Vswr

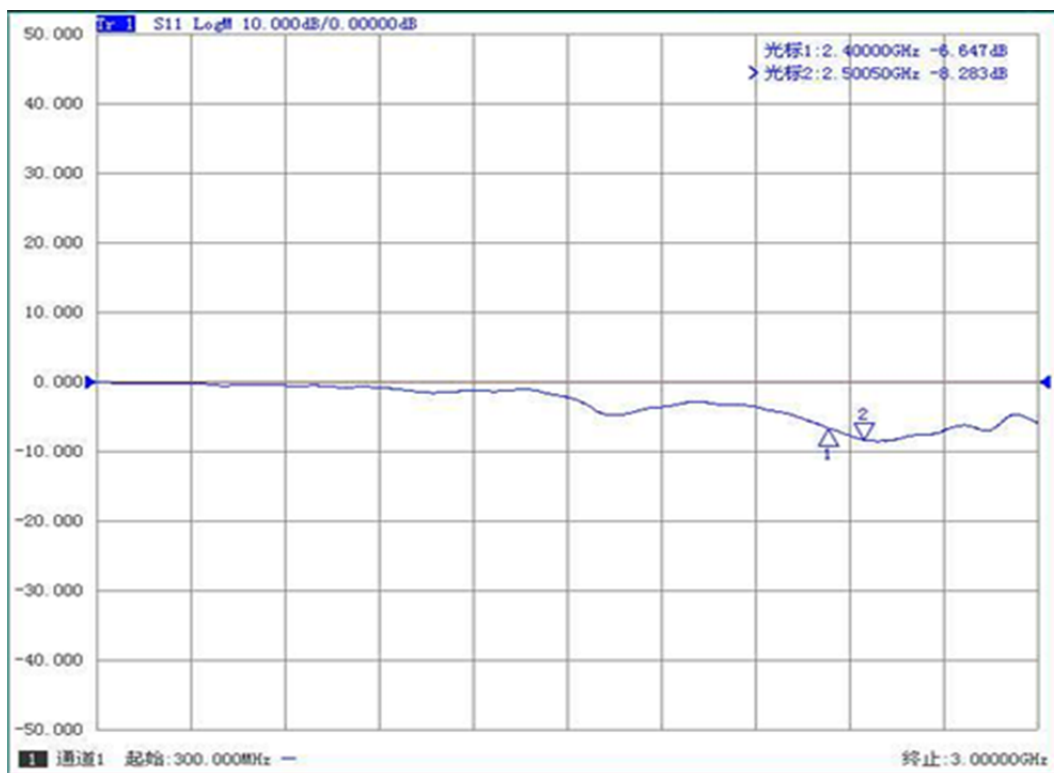
Item	Frequency Range
WIFI	2400MHz - 2500MHz



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### Return loss



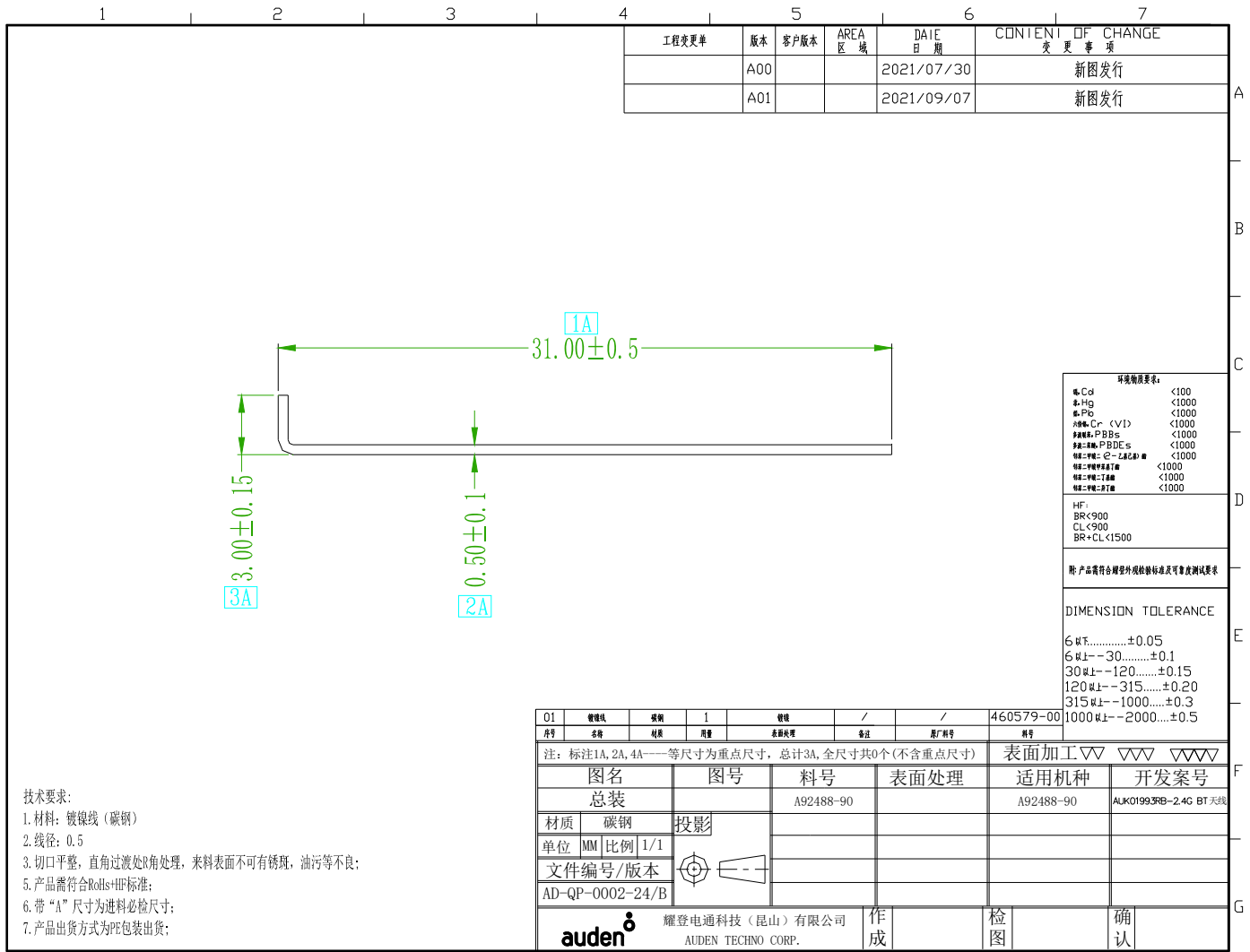
### Main-无源测试数据

Frequency	Efficiency (%)	Gain (dBi)
2.4G	41.02	-0.2
2.41G	40.23	-0.27
2.42G	41.59	-0.01
2.43G	43.85	0.05
2.44G	41.88	-0.29
2.45G	47.86	0.49
2.46G	48.08	0.69
2.47G	50.12	1.07
2.48G	52	1.33
2.49G	48.42	1.05
2.5G	47.53	0.98

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工程图纸 (Product Drawing)



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