

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: WIFI ANT

客 户 料 号

CUSTOMER SK-GX RF-3212-2.4002

P/N:

REV: A

内部结构

Internal structure: IPEX

|              | MANUFACTURER<br>SIGNATURE | CUSTOMER<br>SIGNATURE |
|--------------|---------------------------|-----------------------|
| CHECKED BY:  |                           |                       |
| AUDITOR BY:  |                           |                       |
| APPROVED BY: |                           |                       |
| DATE:        |                           |                       |

深圳市商庆科技有限公司  
 SHENZHEN SUNKING TECHNOLOGY Co., LTD

## 履历表 Resume

[illegible]

## *Contents*

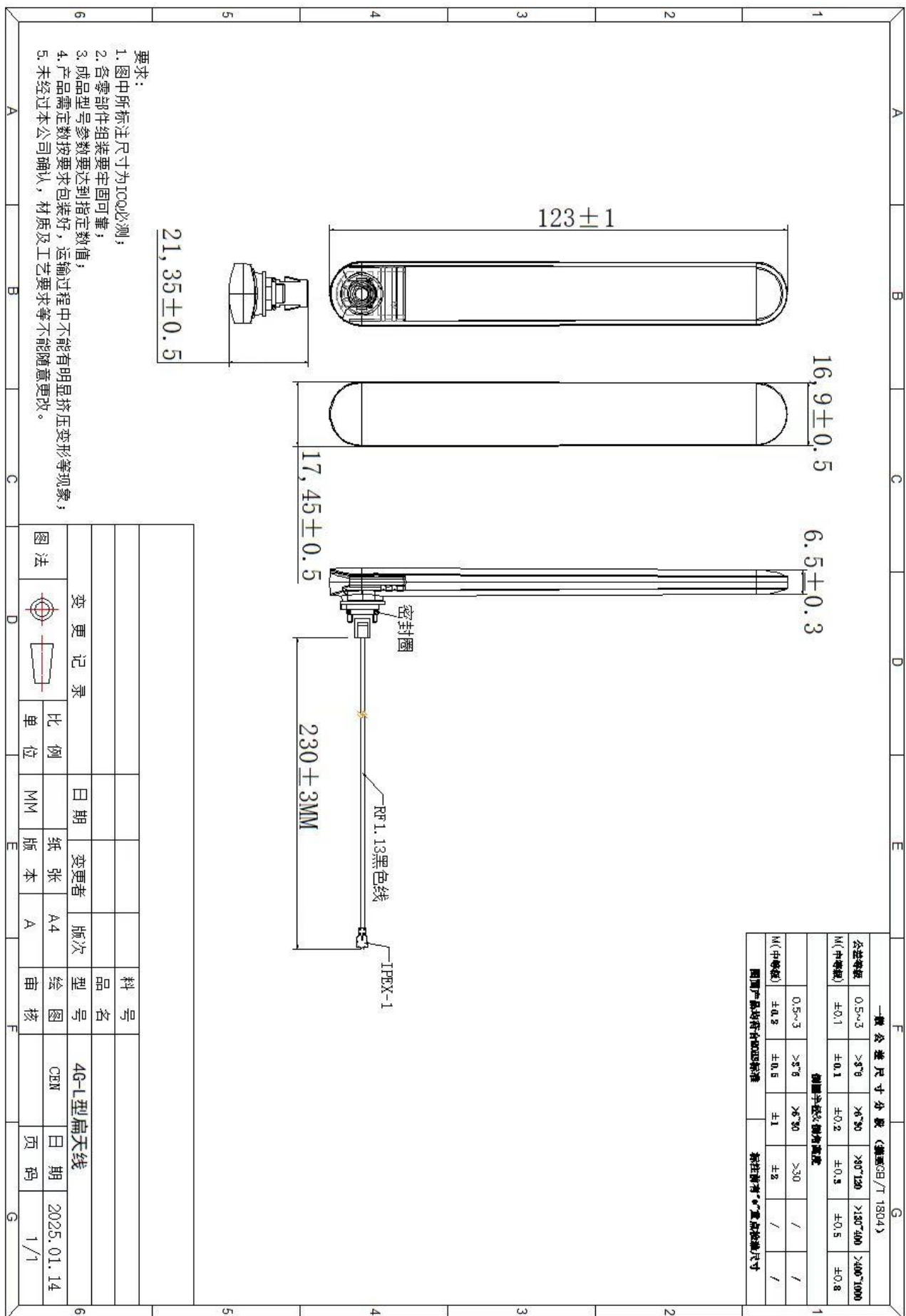
| <i>Description</i>                | <i>Page</i> |
|-----------------------------------|-------------|
| 1、封面 Cover -----                  | 1           |
| 2、履历表 Resume -----                | 2           |
| 3、目录 Contents-----                | 3           |
| 4、规格表 Specifications sheets ----- | 4           |
| 5、成品图 End product chart -----     | 5           |
| 6、测试报告 Testing report -----       | 6-8         |

产品主要技术参数

Main technical specifications

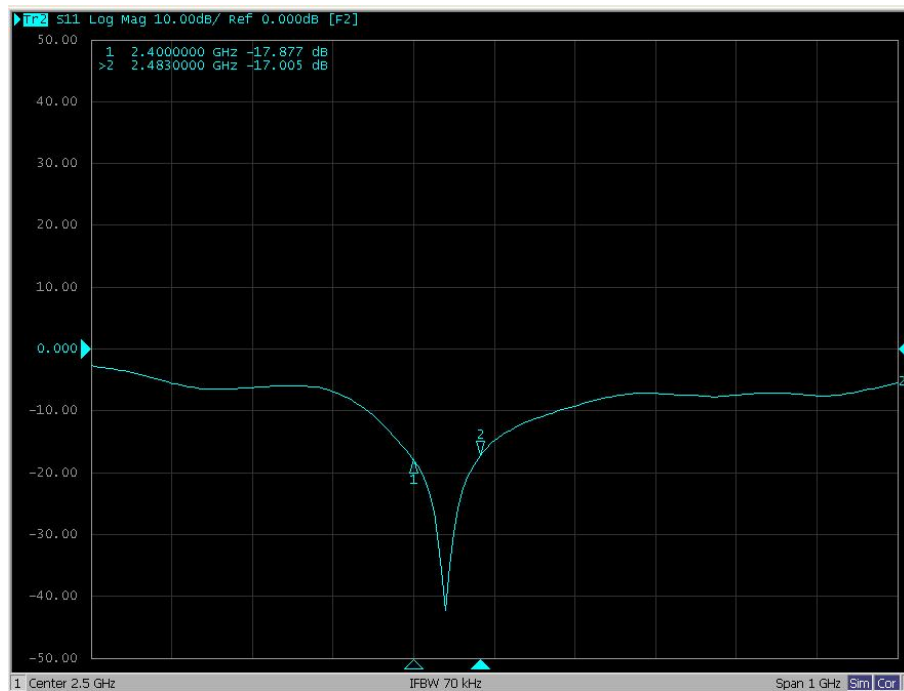
| 主要技术指标                   |                                   | Main technical specifications |                                   |
|--------------------------|-----------------------------------|-------------------------------|-----------------------------------|
| 频率范围<br>(MHZ)            | 2400-2500                         | Frequency Range<br>(MHZ)      | 2400-2500                         |
| 中心频率<br>特性阻抗( $\Omega$ ) | 50 $\pm$ 10                       | Impedance( $\Omega$ )         | 50 $\pm$ 10                       |
| 增益(dBi)                  | 3.06                              | Gain(dBi)                     | 3.06                              |
| 反射损耗                     | $\leq$ -9.5                       | Return Loss(dB)               | $\leq$ -9.5                       |
| 输出电压<br>驻波比              | $\leq$ 2.0                        | VSWR                          | $\leq$ 2.0                        |
| 极化方式                     | 垂直极化                              | Polarization                  | Linear, Vertical                  |
| 方向性                      | 全向性                               | Radiation                     | Omni-directional                  |
| 连接方式                     | Metal touch                       | Connector Type                | Metal touch                       |
| 物理性能                     |                                   | Physical Properties           |                                   |
| 天线本体材料                   |                                   | Antenna Base                  |                                   |
| 工作温度                     | -20 $^{\circ}$ C~+60 $^{\circ}$ C | Operating Temp                | -20 $^{\circ}$ C~+60 $^{\circ}$ C |
| 保存温度                     | -20 $^{\circ}$ C~+70 $^{\circ}$ C | Storage Temp                  | -20 $^{\circ}$ C~+70 $^{\circ}$ C |

## Engineering drawings Product Drawing

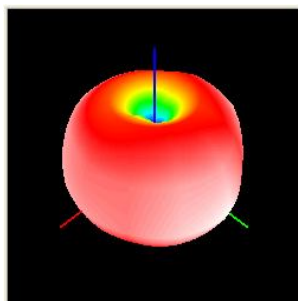


## 测试报告

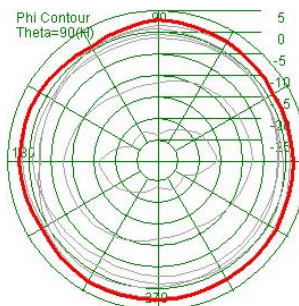
### 网络分析仪测试报告



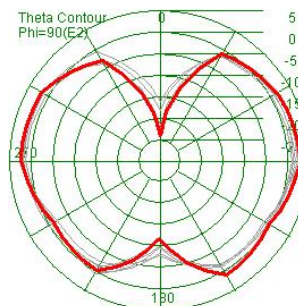
### 暗室 2D、3DRaditation Pattern



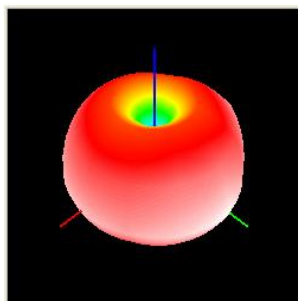
2.4 GHz



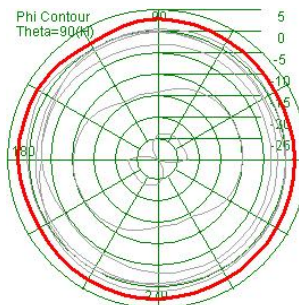
Gain(Peak): 2.77dBi



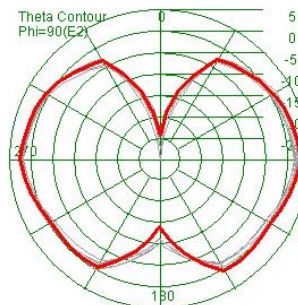
Efficiency: 76.6%



2.45GHz

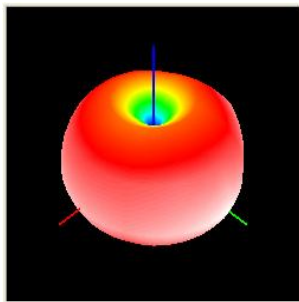


Gain(Peak): 2.93dBi

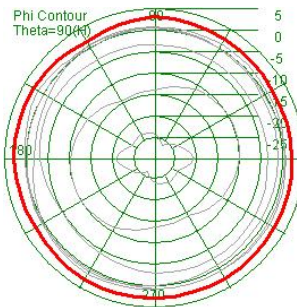


Efficiency: 75.9%

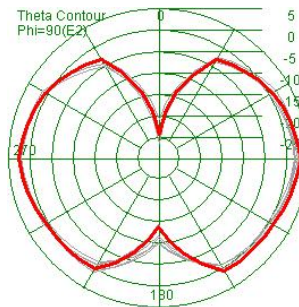
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2.483 GHz



Gain(Peak): 3.06dBi



Efficiency:77.1%