# 承 认 书

## SPECIFICATION FOR APPROVAL

**客户名称**

Customer Name：_____

**客户料号**

Customer P/N：_____

**劲风料号**

Jing Feng P/N：JFT2135

**规格描述**

Specification Description：The external black columnar body is 156MM+SMA right Angle +1.13Line= 90MM

**制作日期**

Production Date：2025-04-18

出厂确认（Factory Confirmation）：

| 部 门<br>(Department) | 审 核<br>(CHECKED BY) | 批 准<br>(APPROVED BY) |
|---|---|---|
| 射频部<br>(RF Department) | Zhang Ya Yong | Wang Shuo |
| 结构部<br>(Structure Department) | Zhang Peng Tao | Wang Shuo |
| 品质部<br>(Quality Department) | Liu Xiao Jun | Wang Shuo |

客户确认（Customer Confirmation）：

| 检 查<br>(INSPECTION) | 审 核<br>(CHECKED) | 批 准<br>(APPROVED) |
|---|---|---|
| | | |

△ 文件制定、修改、废止记录(Record Of Document Formulation, Modification And Abolishment)

| 文件名称 (File name) | 日 期 (Date) | 控制版次 (Control version) | 关联内容 (Related content) | 制 定 (Formulate) | 批 准 (Approved) |
|---|---|---|---|---|---|
| 样品承认书 (Sample Approved) | 2017.08.01 | V1 | First | Wang Shuo | Cheng Qiang |
| | 2017.08.25 | V2 | Update the data | Wang Shuo | Cheng Qiang |
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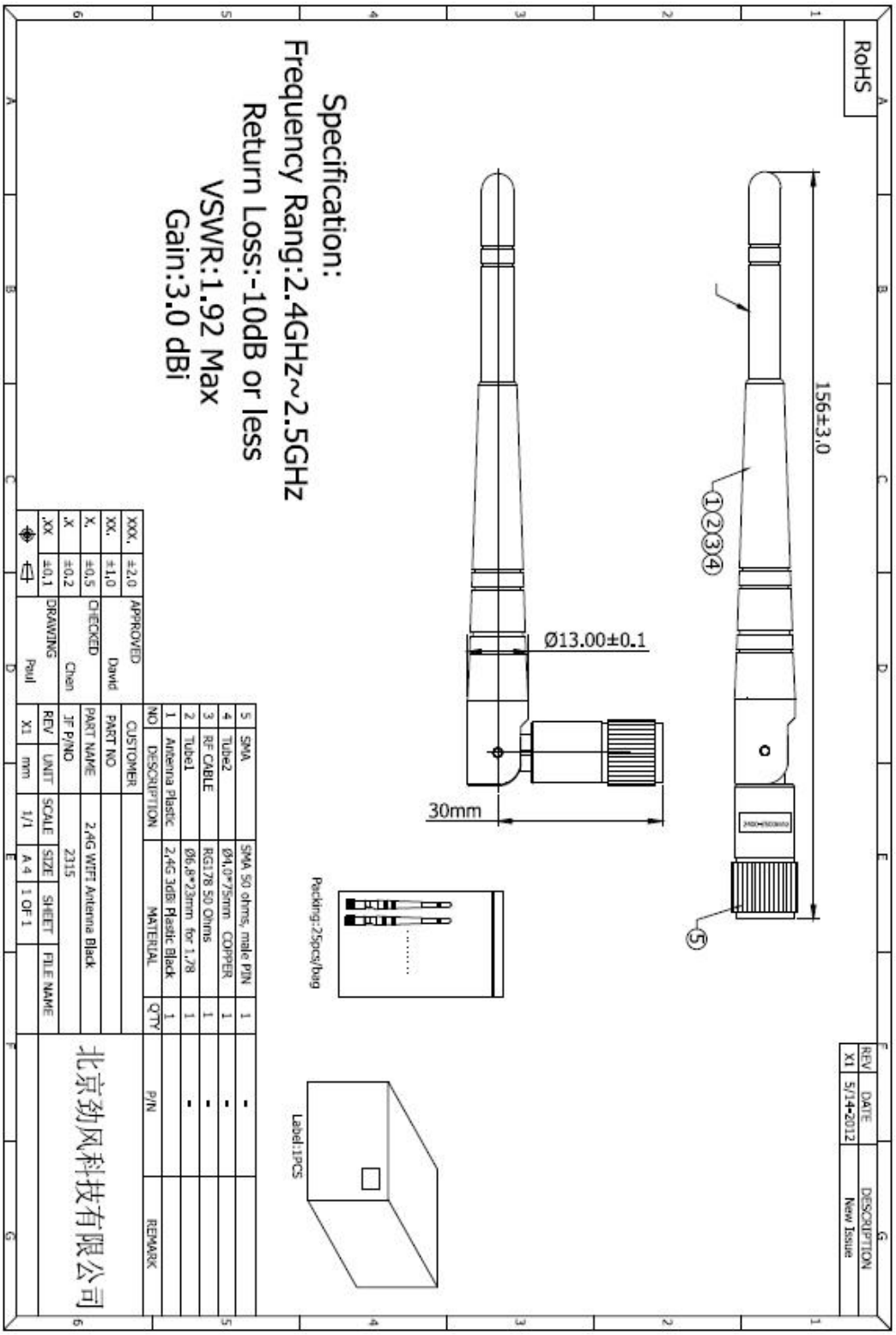
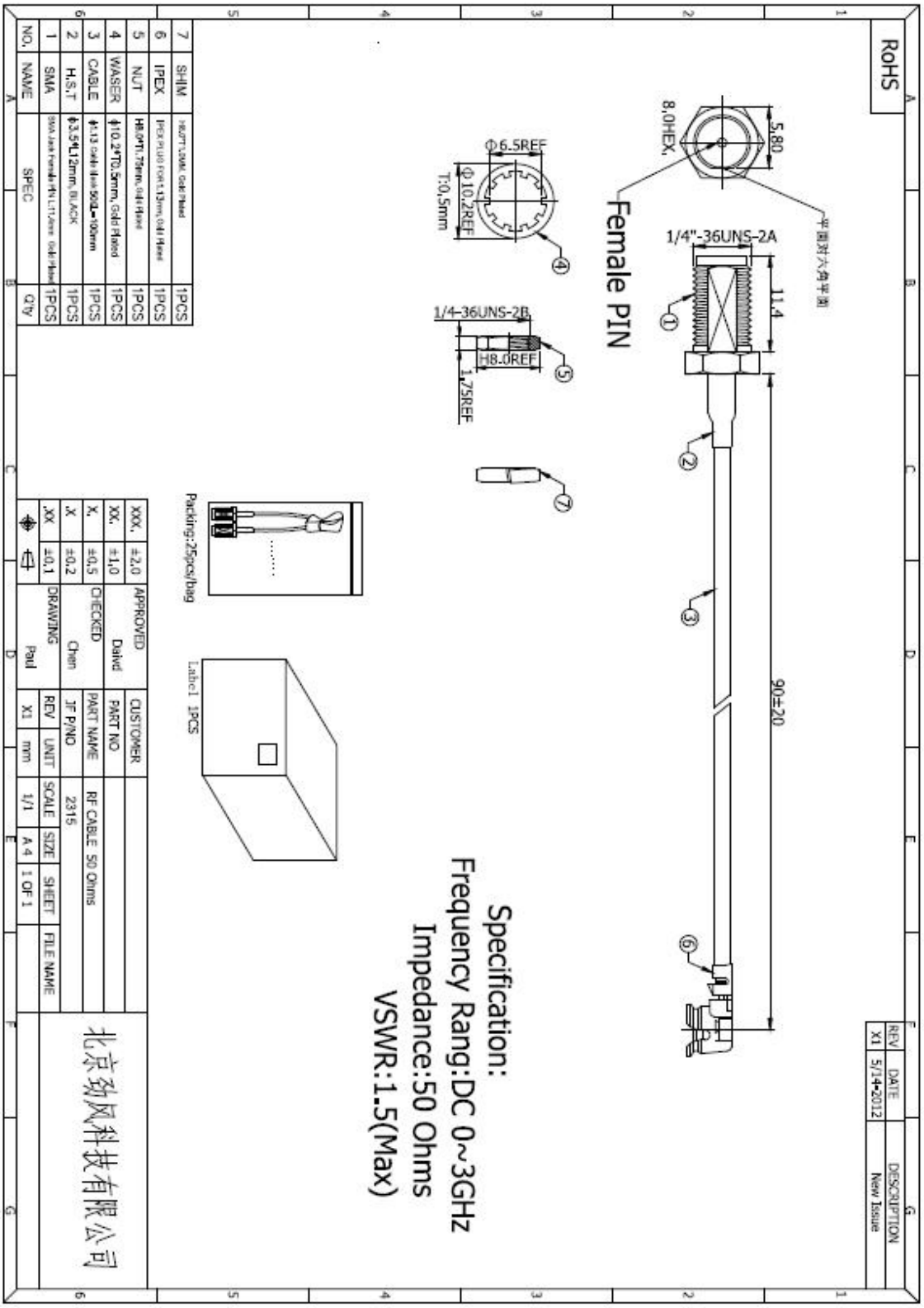
## 4、产品性能参数(Main technical specifications)

| 电气参数(Electrical Parameters) | |
|---|---|
| 频率范围 Frequency Range(MHZ) | 2400-2500MHz |
| 输入阻抗 Impedance(Ω) | 50Ω |
| 驻波比 VSWR | Contents 7 |
| 最大增益 Maximum Gain(dBi) | 3.01dBi |
| 功率容量 Power Capacity | 1W |
| 耐压测试 Withstand Voltage Test | 1KV |
| 极化方式 Polarization | Vertical |
| 辐射方向 Radiation | Omni-Directional |
| 连接方式 Connector Type | SMA+IPEX |
| 机械参数 Mechanical Parameters | |
| 外露尺寸 Length (mm) | Ontology L=156MM<br>SMA L=90MM |
| 拉拔力 Pulling force | 1KG |
| 盐雾试验 Salt Spray Test | 24H |
| 同轴线类型 Cable Type | Ontology-RG1.78Line<br>SMA-1.13Line |
| 环境参数 Environmental Parameters | |
| 工作温度 Operating Temp | -65℃~-90℃ |
| 储存温度 Storage Temp | -65℃~-90℃ |

# 5、产品构图纸（Product drawing-Ontology）

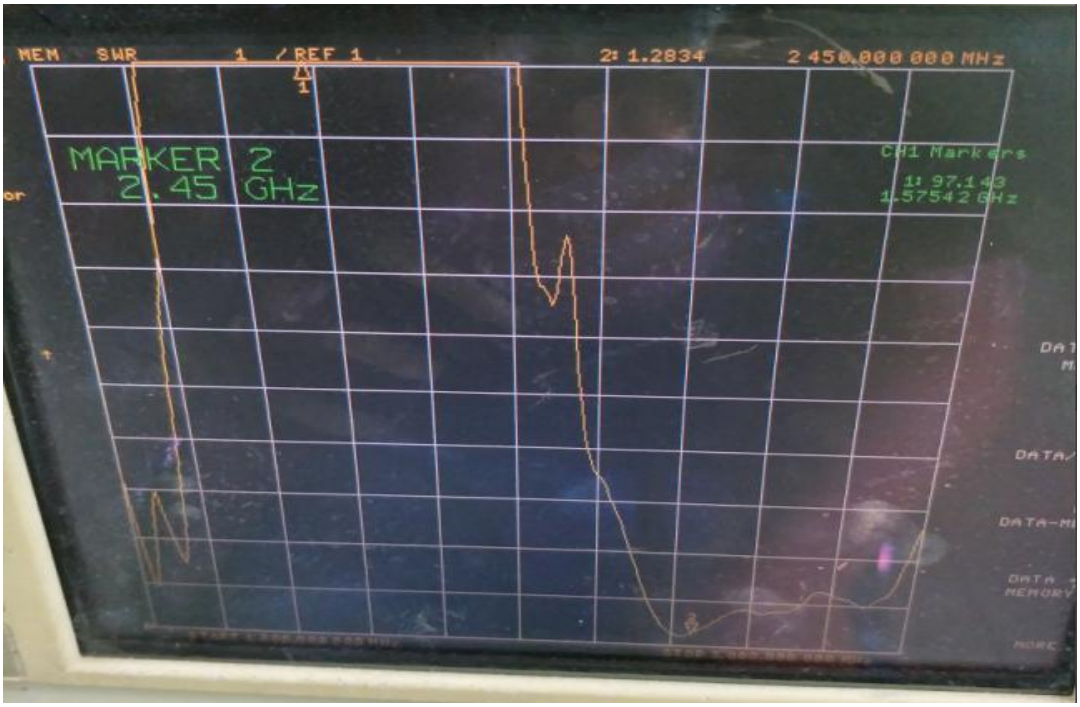


# 6、产品构图纸（Product drawing-SMA Line body）

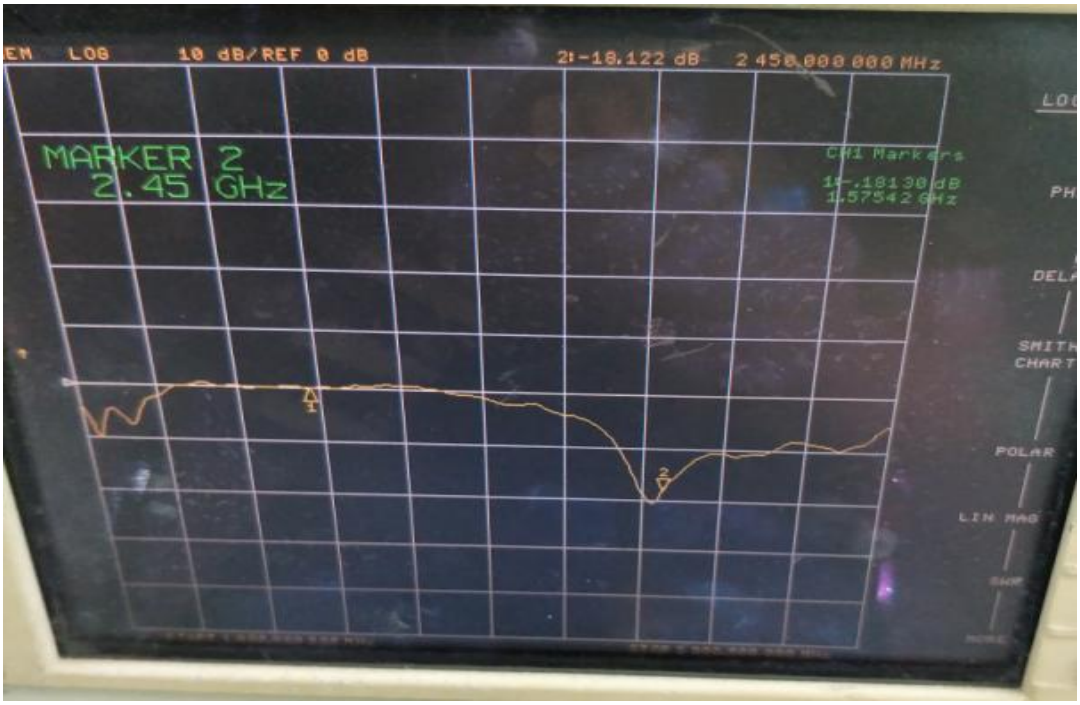


# 7、电气性能测试报告（Electrical Performance Test report）

## VSWR



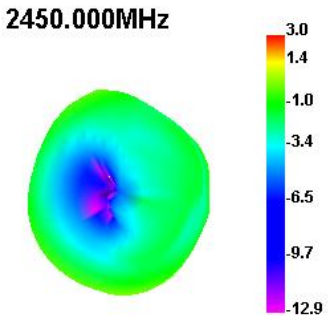

## Return Loss

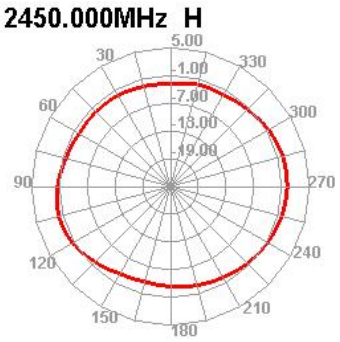


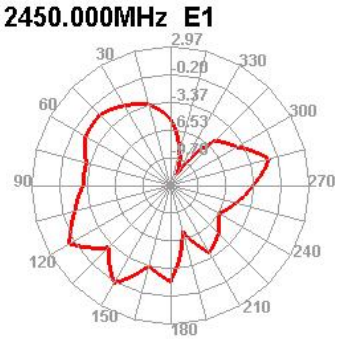
## 效率&增益（Efficiency & gain）：

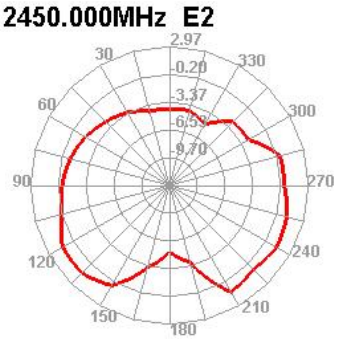
| Passive Test For wifi | | |
|---|---|---|
| Freq (MHz) | Effi (%%) | Gain (dBi) |
| 2400 | 55.8 | 2.34 |
| 2410 | 58.57 | 2.49 |
| 2420 | 60.26 | 2.66 |
| 2430 | 61.87 | 2.93 |
| 2440 | 60.32 | 2.63 |
| 2450 | 61.59 | 2.77 |
| 2460 | 62.43 | 3.01 |
| 2470 | 58.44 | 2.41 |
| 2480 | 58.6 | 2.58 |
| 2490 | 57.74 | 2.21 |
| 2500 | 57.98 | 2.25 |

Radiation pattern:



# 8、产品成品图示(Product picture)