

# 产品规格书

## **PRODUCT SPECIFICATION**

Product description: PCB+Hardware Antenna

Uni Link's part number:

Issue Date: 2023-7-26

Note: 2400-2500MHz

Customer Use		Customer's authorized signature	Remarks
Full approved			
Conditional approved			
Rejected			

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Antenna Model: MOKFL-1

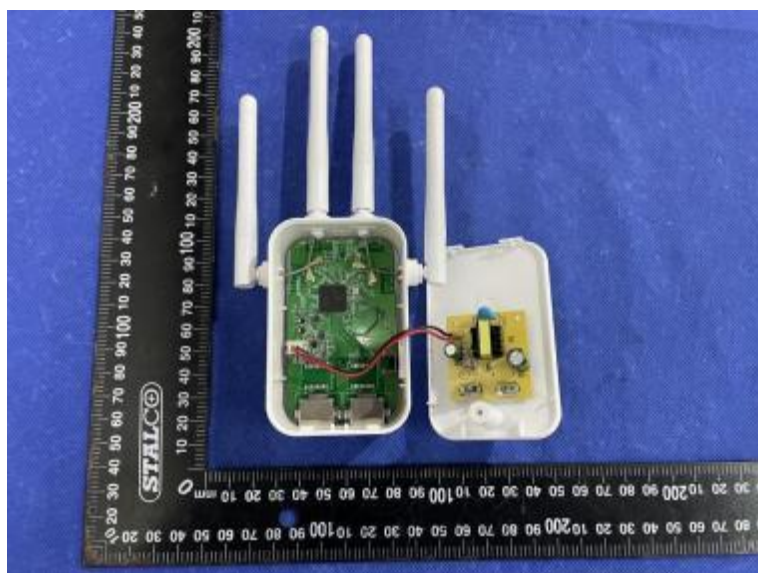
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## 2、产品技术指标（TECHNICAL SPECIFICATION）

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (MHz)	83
输入阻抗 Input Impedance ( $\Omega$ )	50
电压驻波比 V.S.W.R	$\leq 2.2$
放大增益 Gain (dBi)	1.15
最大输入功率 Max Input Power (W)	2
机械指标 Mechanical Specifications	
天线尺寸 Antenna Size (mm)	48*5.5
电缆长度 Cable (mm)	120
外壳颜色 Radome Color	white
重量 Weight (g)	4

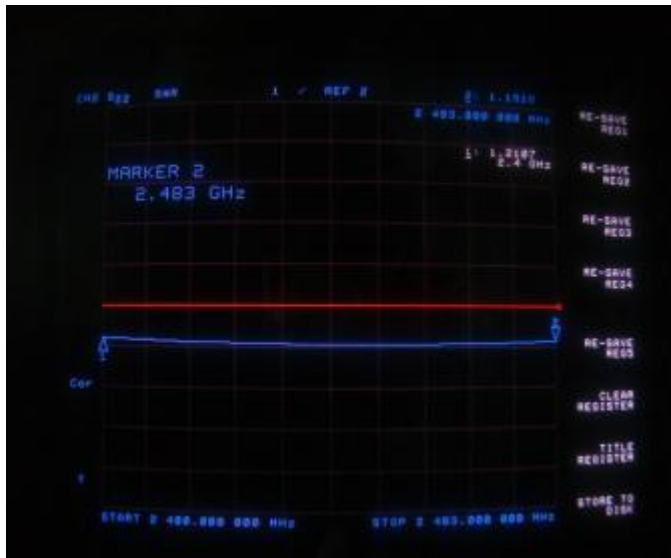
### 3、产品图 (DRAWING)



#### 4、机械性能 (MECHANICAL CHARACTERISTICS)

1	<p>摇摆测试 BENDING TEST</p>	<p>放离接头 30CM 的线端上荷重 120g，固定接头后进行遥摆测试，遥摆角度左右各 60 度，遥摆 1000 次后测试特性。</p> <p>Put load 120g to 30cm cable from the end of the connector, fixed joints, swaying test at an angle of 60 degrees , test features after 1000 times</p>	<p>Remote pendulum 1000 post-test</p> <p>There is nothing in the test feature</p> <p>The image shows the performance of the appliance</p> <p>The damage of.</p>
2	<p>强度测试 STRENG TEST</p>	<p>一个 15 磅之静负荷施加放线端底部持续一分钟。</p> <p>Put 15pounds static load to the end the cable continue 1 minute</p>	<p>No phenomenon display machine</p> <p>Mechanical and electrical performance impairment.</p>
3	<p>拉力测试 PULLING FORCE</p>	<p>用拉力计接头及线材间进行拉力测试。 Pull test with a tension meter between connector and wire.</p>	<p>Can withstand tension is 7Kg without any phenomenon</p> <p>Display electrical performance</p> <p>The damage of.</p>
4	<p>振动测试 VIBRATION TEST</p>	<p>以 1.10mm 和振幅和 33.30Hz/sec 振动频以 X 轴方向振动 120 分钟，Y 轴方向振 120 分钟，Z 轴方向振动 240 分钟。 the X-axis direction for 120 minutes, the Y-axis direction 120 minutes, Z-axis direction 240 minutes as testing of 1.1mm amplitude 33.30Hz/sec of frequency</p>	<p>There is no indication of damage to the electrical performance</p>

## 5、驻波图 (VSWR)

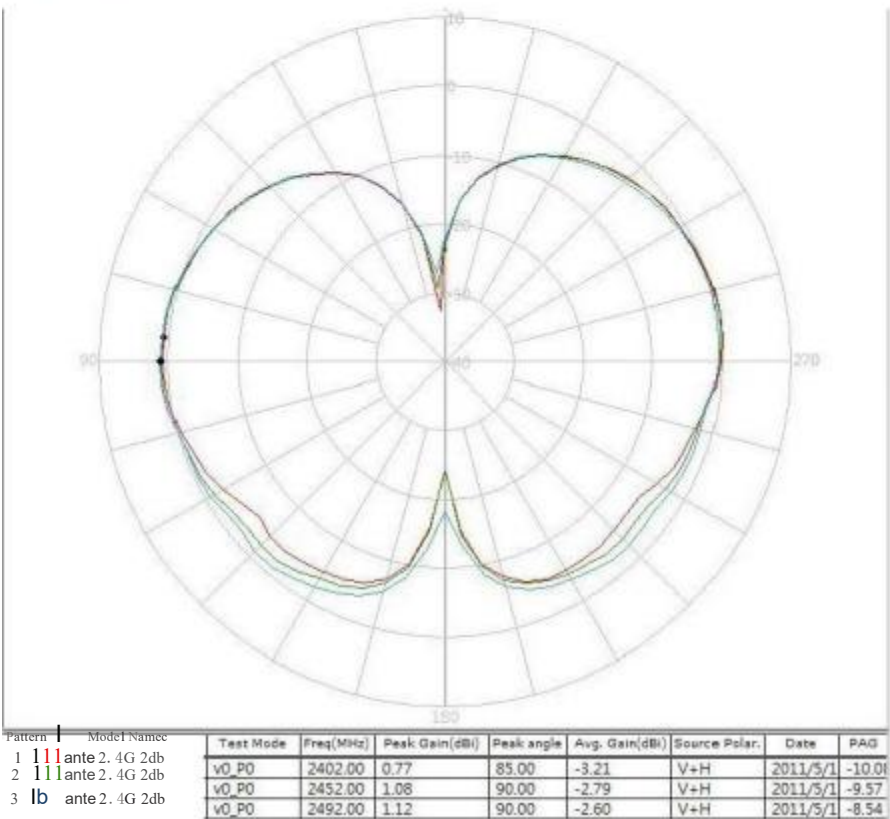
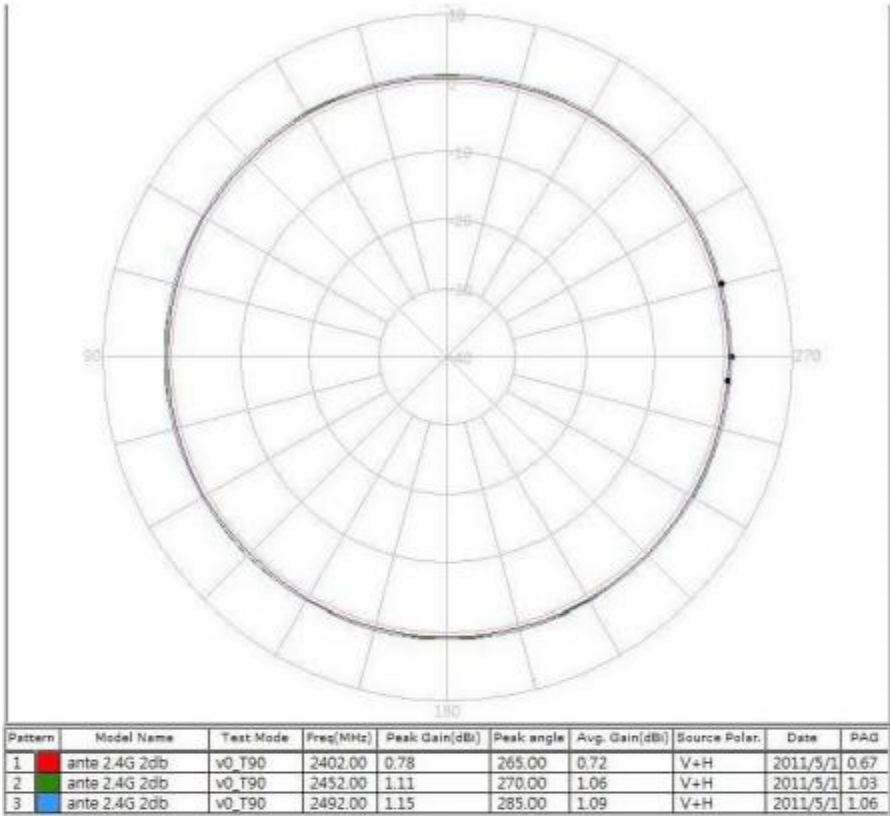


## 6、SMITH 图



## 7、方向图 (DIRECTIONAL PATTERN)

**2.4GHz**





## 8. 天线尺寸图 (Antenna size diagram)

