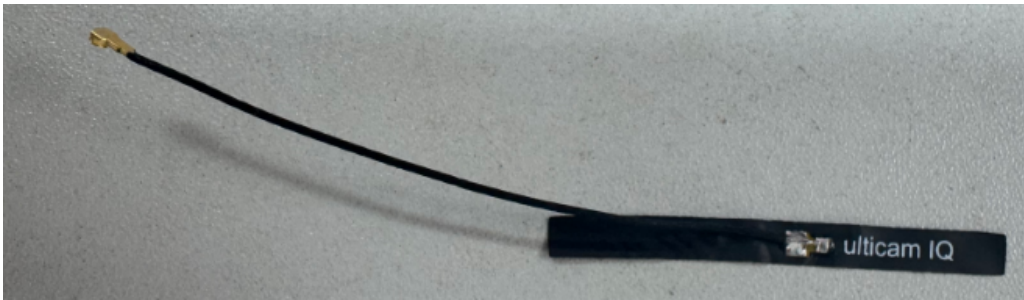


VLG TECHNOLOGY

ShenZhen VLG Wireless TECHNOLOGY CO.,LTD

深圳市维力谷无线技术股份有限公司 承认书

客户/项目名	安威士/UI2504-09			频段	WIFI		
VLG 料号	V1931-027-A-01			版本	R:A		
射频	何军森	确认		品质	余洪	确认	
结构	何发荣			PM	虞伟		
日期	2026-3-10						
客户项目名称 料号	客户项目名称: UI2504-09						
	客户项目料号:						
客户确认							
VLG Communication Technology							
研发项目客户满意度调查（客户请针对我们的研发或 PM 管理人员工作进行一个评述，督促我们更好服务于你）							
RF 技术人员	☐ 满意		☐ 基本满意		☐ 不满意		
结构技术人员	☐ 满意		☐ 基本满意		☐ 不满意		
项目管理（PM 管理人员）	☐ 满意		☐ 基本满意		☐ 不满意		
建议项说明:							
天线图片:							

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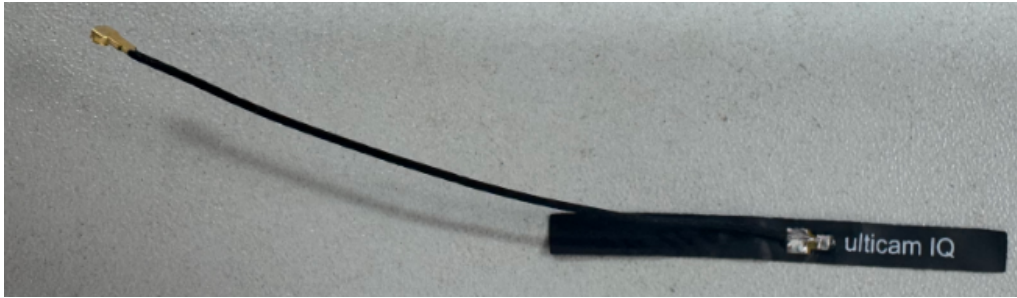
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1、规格：报告主要提供 UI2504-09 WIFI 天线的各项电性能参数的测试状况。WIFI 天线为 2400~2500MHz 频段。



2、电气性能

2.1 规格标准

WIFI 天线工作频段在 2400~2500MHz 频段，下表是天线的无源性能测试指标。

2.2 天线匹配电路：

未添加调谐匹配

2.3 天线 VSWR

2.3.1 测试的设置

VSWR 测试装置依次的连接为：8714ET 网络分析仪 → 50 欧姆的同轴 Cable → 测试治具。

测试治具的处理：天线 50 欧姆测试点处用一根电缆引出 SMA 接头，与套有扼流圈的铜管连接，再依次连接其他装置。

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2.3.2 天线 VSWR:



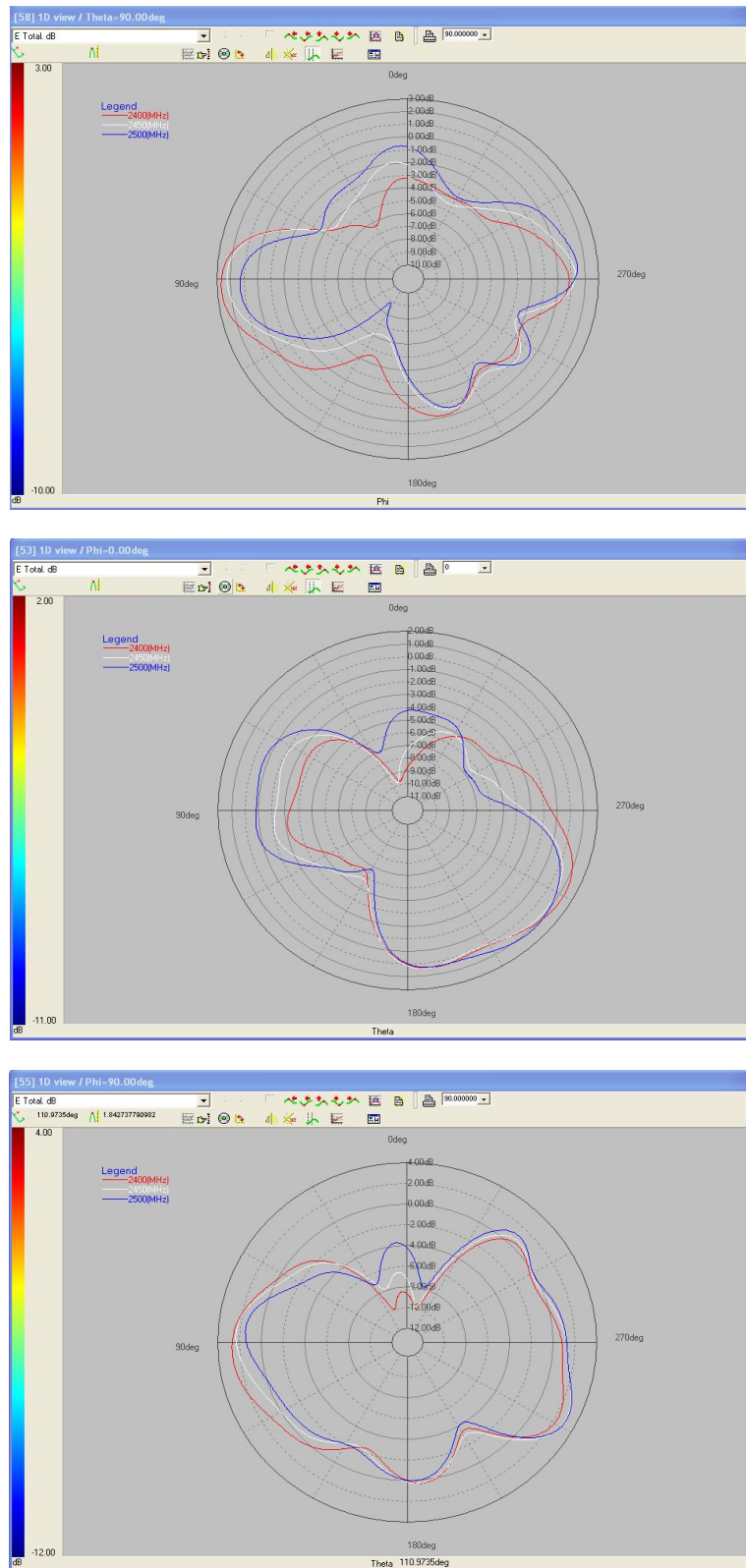
2.4 无源测试数据:

Frequency	Efficiency	Efficiency . dB	Gain . dB
2400	63%	-2.0	2.7
2410	63%	-2.0	2.7
2420	64%	-2.0	2.7
2430	62%	-2.1	2.8
2440	61%	-2.2	2.8
2450	62%	-2.0	3.0
2460	63%	-2.0	3.0
2470	62%	-2.1	2.9
2480	63%	-2.0	3.1
2490	65%	-1.9	3.1
2500	65%	-1.9	3.1

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2.5 天线方向图



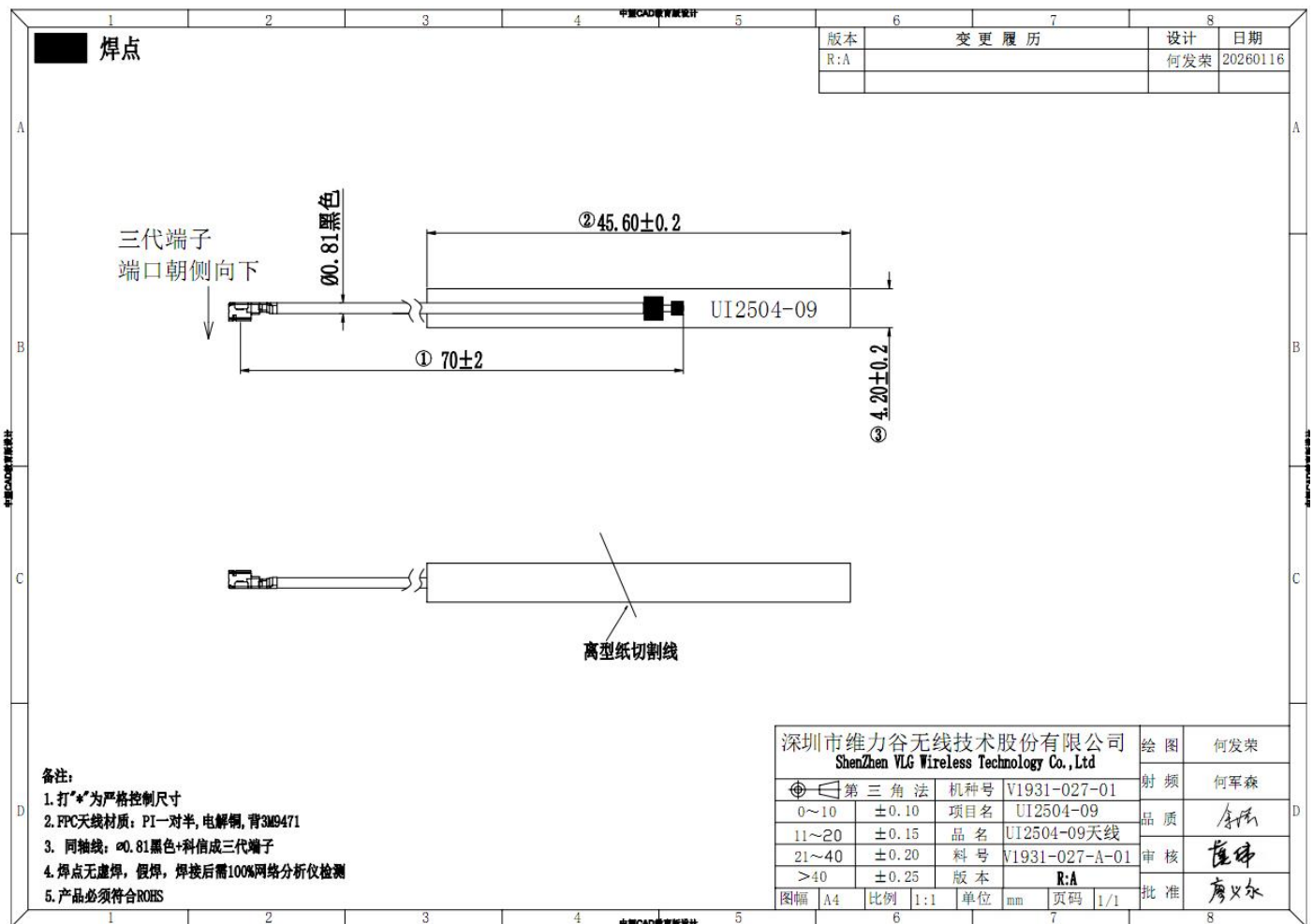
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2.6 有源测试数据

11b	TRP (1M)		TIS (11M)	
	1	17.28	1	-76.88
	7	16.83	7	-73.71
	13	16.43	13	-70.58

3.产品 2D 图:



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