

规格书

SPECIFICATION FOR APPROVAL

物料描述

DESCRIBE: Antenna For Anker (A120D)

客户料号

Customer NO:

物料编码

PART NO: ATC1576-AK024B70RA

天线类型

Antenna type: BLE天线 (FPC+Cable) 黑

日期

DATE: 2026.04.28

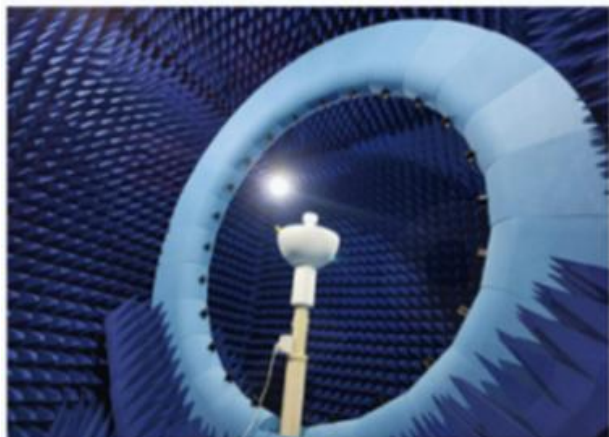
供应商 AT&C TECHNOLOGIES (Shenzhen) Co., Ltd.

PROVIDER: 爱特恩科技(深圳)有限公司

深圳市宝安区石岩街道塘头一号路创维创新谷5#C栋201

Room 201, Building 5#C, Skyworth Innovation Valley, Tangtou 1st Road, Tangtou Community, Shiyan Subdistrict, Bao'an District, Shenzhen City, Guangdong Province, P.R.China

客户承认	确认	结构/器件	研发	质量	核准
供应商承认	确认	确认	校对	审核	批准
		资业辉	周浩	徐丽英	



拥有SATIMO原装实验室7M*5M*5M的
24探头一座

星航3.5M*3.5M*3.5M的24探头一座

频率范围均为400MHZ-8.5GHZ

2/3/4/5G、

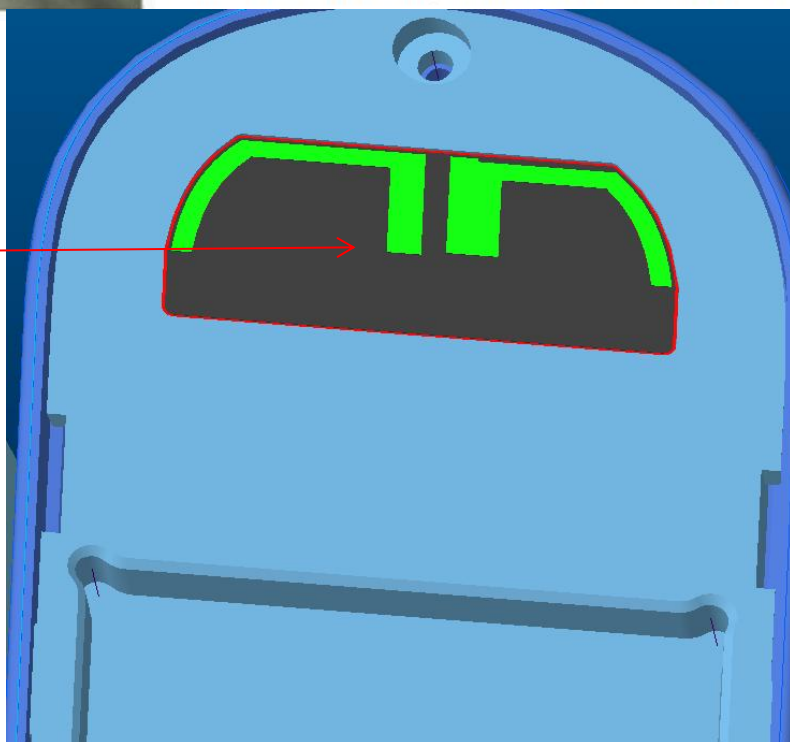
WIFI A/B/G/N/AC/AX

BT

GPS

NB-10T等有源测试, 拥有模拟人头手测试设备

天线位置



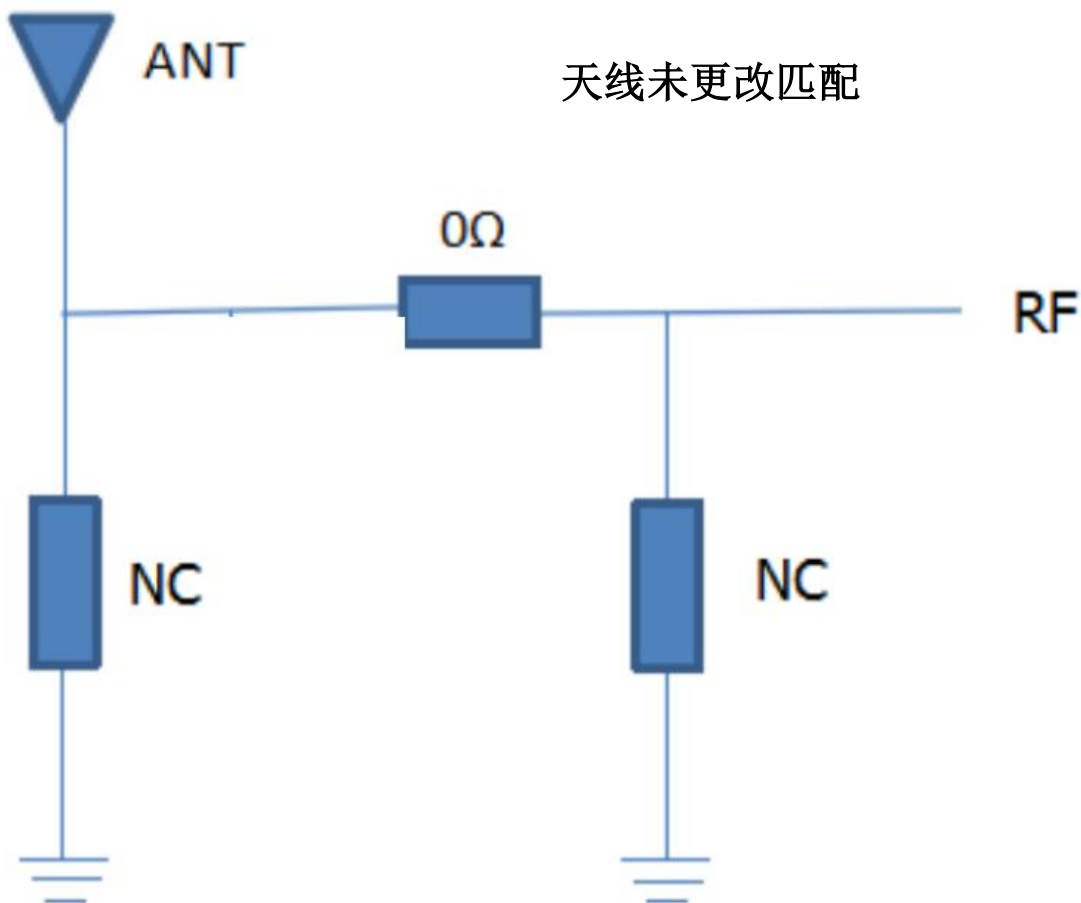


BOM

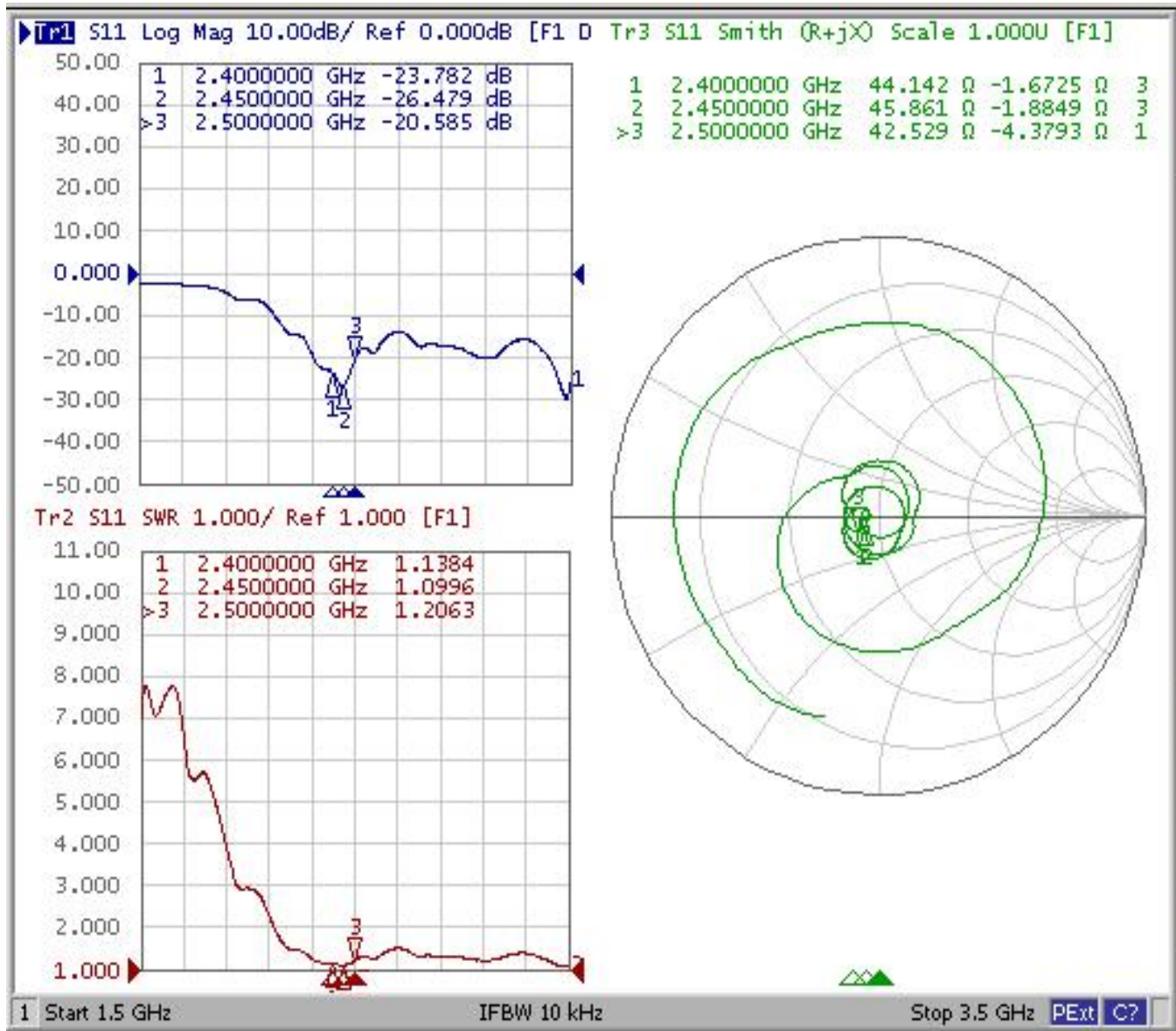
Customer 客户	Anker	Written By 制作	ZYH	Orig. Date 制作日期	2026.04.28
Part Number 料号	ATC1576-AK024B70RA	Revised By 校订	SHIN	Revised Date 校订日期	2026.04.28
Description 零件名称	BLE ANT	Approved By 确认	HJ	Approved Date 确认日期	2026.04.28

Customer number	ATC number	Part name
	ATC1574-AK024B70RA	29.57*12.3*0.12, PI+CU, 焊接黑色同轴线, 线径0.81, 线长78mm, 配4代端子, 焊点点UV胶水

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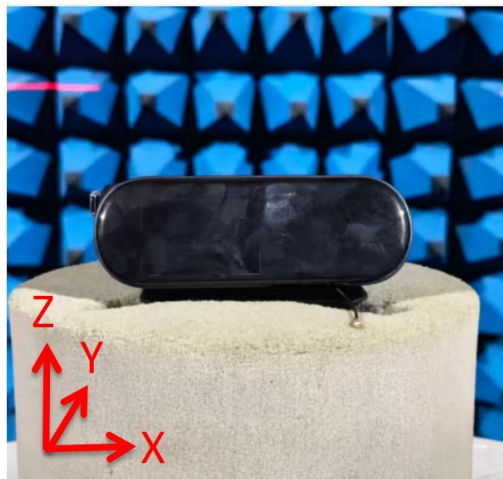
天线无源测试报告

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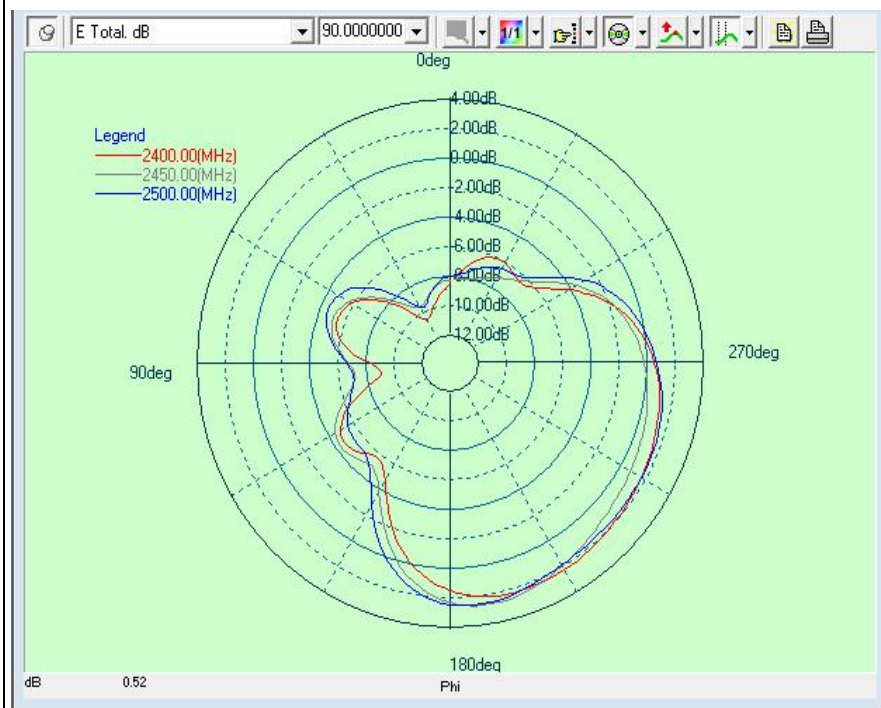
(2.4G) Passive Test Results

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Max Gain (dBi)
2400	50.88%	-2.93	2.67
2410	51.72%	-2.86	2.83
2420	51.28%	-2.90	2.86
2430	50.81%	-2.94	2.92
2440	49.22%	-3.08	2.88
2450	48.76%	-3.12	2.86
2460	48.60%	-3.13	2.79
2470	50.91%	-2.93	2.90
2480	52.09%	-2.83	2.92
2490	52.81%	-2.77	2.80
2500	51.66%	-2.87	2.58
AVG:	50.79%	-2.94	2.82

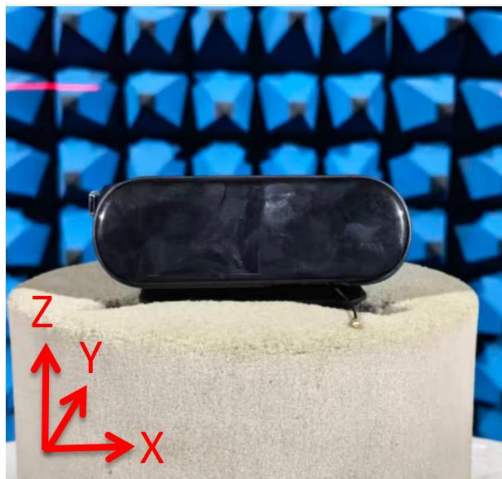
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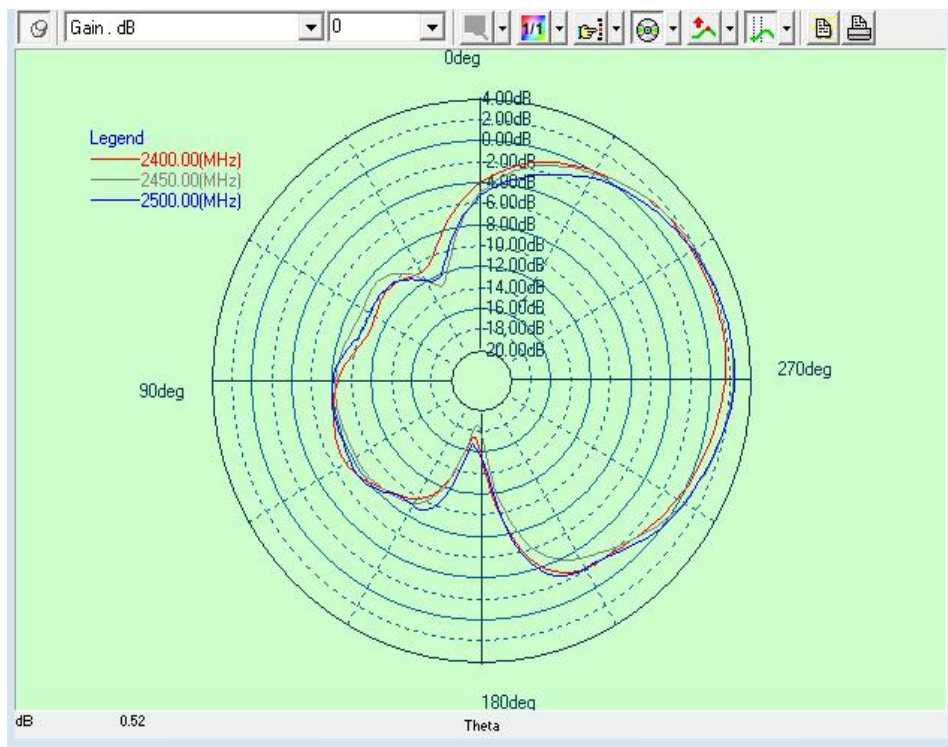
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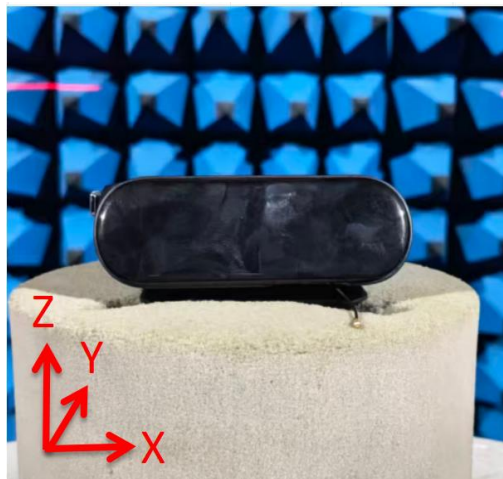
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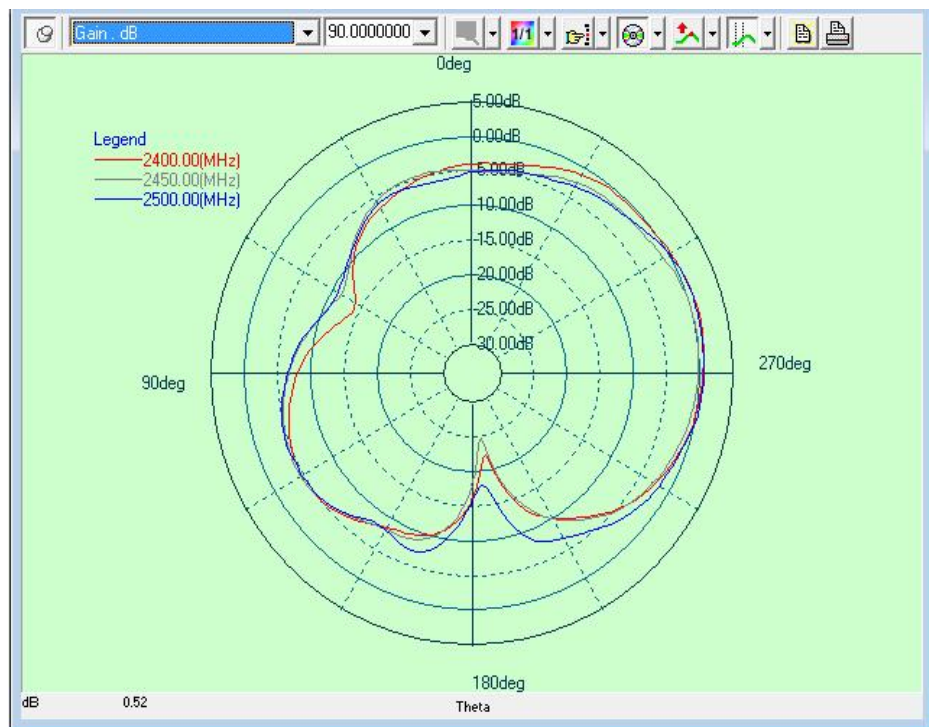
E1



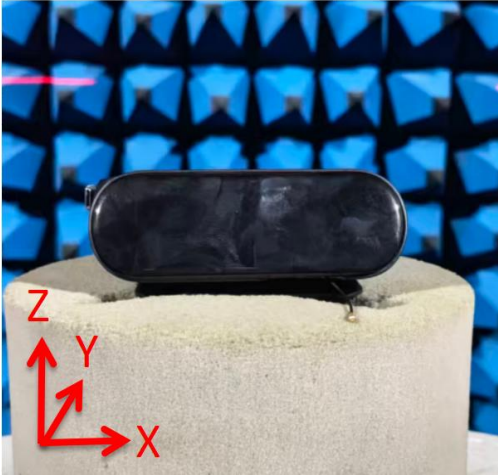
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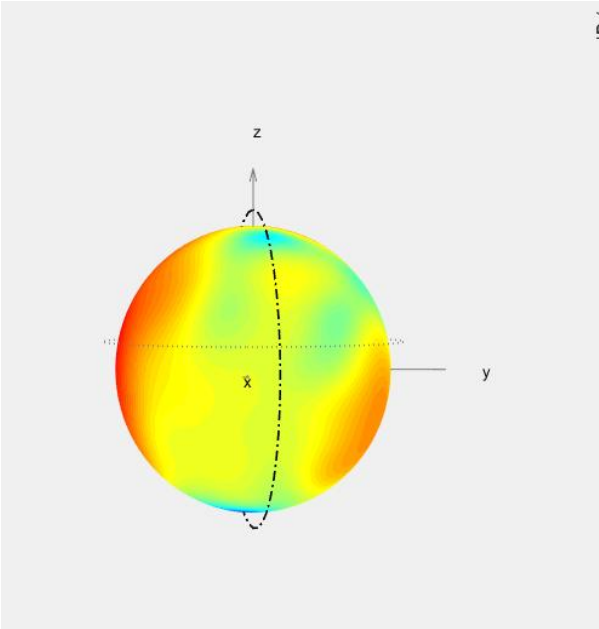
E2

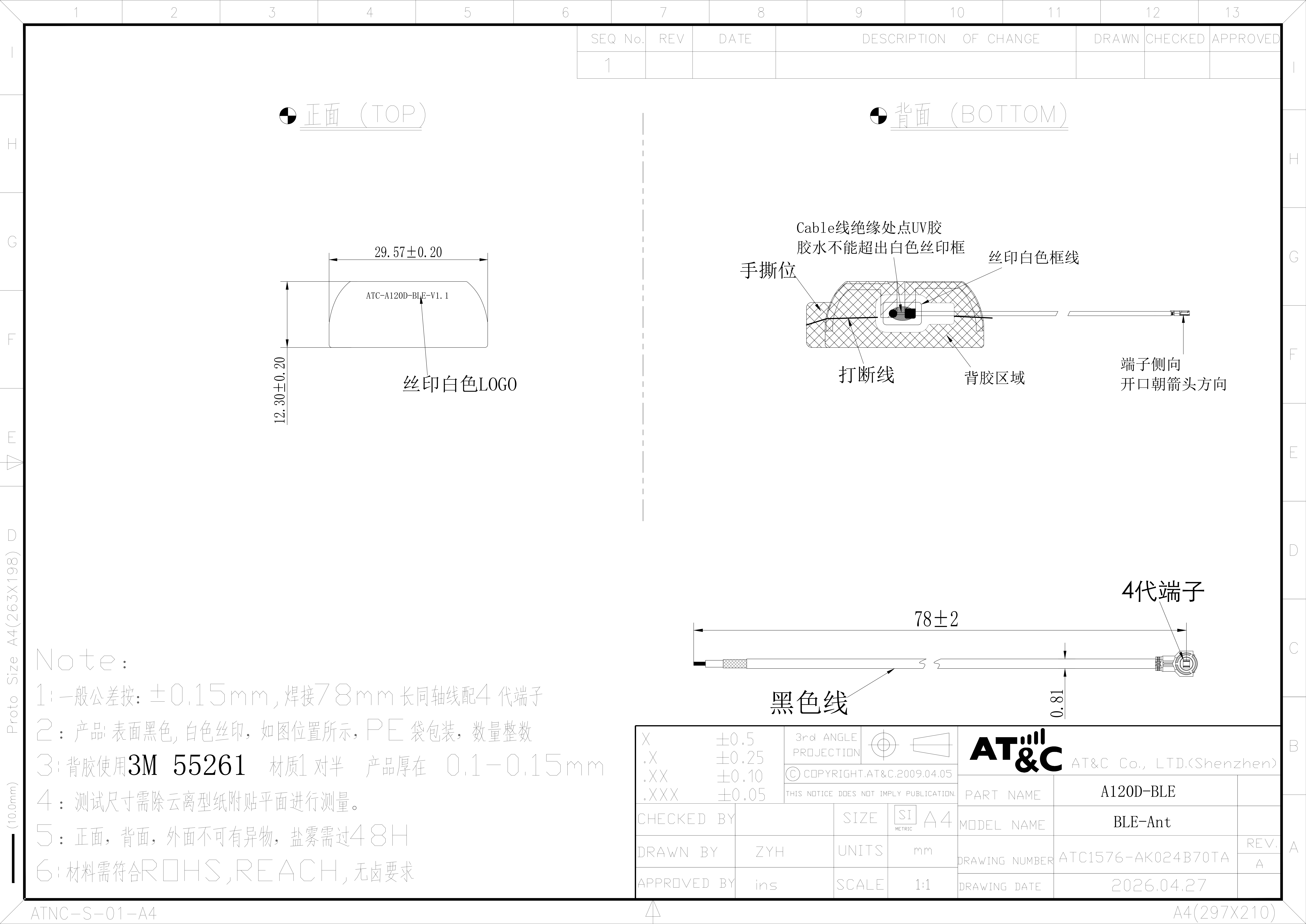


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2450MHZ



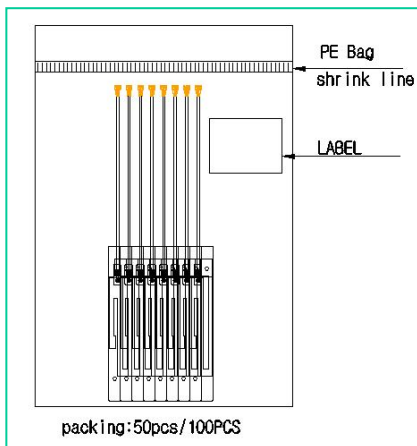


A120D天线组件 生产工艺流程

No	工艺名称	使用设备、夹具、工装	检验项目	管控因数	参考标准	检验频次
1	FPC来料	二次元或卡尺	关键尺寸		参考图纸	1
			FPC部件常见外观缺陷		参考相关检验规范	AQL0.65
			背胶剥离		≥5Kg/f	2
			材料型号, RoHS符合性		参考图纸	1次
2	同轴线	二次元或卡尺	关键尺寸		参考图纸	1
			同轴线部件常见外观缺陷		参考相关检验规范	AQL0.65
			线头焊接		易焊接, 无氧化焊接不上等现象	2
			材料型号, RoHS符合性		参考图纸	1次
3	同轴线焊接	烙铁、锡线	烙铁焊接	焊接温度	320±10℃	1
			焊接外观		不可短路、连锡、线皮烫伤	100%自主检验
					不可假焊、虚焊	100%自主检验
					焊点不可少锡, 多锡 (焊点大)	100%自主检验
4	点UV胶水	UV灯	点胶外观		不可漏点、未干涸	100%自主检验
5	网分测试	网络分析仪 测试工装	测试波形符合性	网分参数	产品测试波形参数与设定波形参数一致, 显示“PASS”为合格	100%
6	100% 外观 检验 和包装	纸箱, 托盘, 标签, 待包装 成品	外观		参考Phoebe天线检验规范	100%
			包装数量		参考包装指导	100%
			正确的标示		正确的品名, 数量和相关信息	1次
7	OQC出货 检验	二次元/卡尺 3M胶	天线关键尺寸		参考产品图纸	1次
			同轴线拉拔力测试		参考产品拉拔力测试标准	1次
			盐雾测试		参考产品盐雾测试标准	每月/次
			天线外观, 包装和 标签		参考Phoebe天线检验规范	AQL0.65

Packaging method

PE bag packaging, product emission neat, uniform quantity



PART LIST

*包装图为示意图，不代表图片为实际产品

NO	DESCRIPTION	Q'TY	MATERIAL	REMARKS	REV.
1	ANTENNA	1/1000		N/A	A
2	PAD OUT	1/4	SW A골 5T	N/A	A
4	CARTOON BOX	-	SW A골 5T	N/A	A
5	PACKING TAPE	-	PP	N/A	A