

深圳祥博一科技有限公司

Shenzhen Xiangboyi Technology Co. Ltd

规格承认书

客户名称	镇泰
项目名称/料号	
供方料号	XBY230112

日期：2024年4月17日

深圳祥博一科技有限公司

电话：0755-29369912 传真：0755-61624200

研发中心：深圳市龙华区油松路95号油松文创园文成楼一楼 101 R & D Center: 101, 1st floor, Wencheng Building, Yousong Cultural Innovation Park, No. 95 Yousong Road, Longhua District, Shenzhen

生产基地：东莞市塘厦镇138工业区裕华街7号华智创谷B栋5楼

Production base: 5th floor, Building B, Huazhi Chuang Valley, No. 7, Yuhua Street, 138 Industrial Zone, Tangxia Town, Dongguan City



客户确认

工程	项目	品质	批准

供方确认

结构	射频	批准

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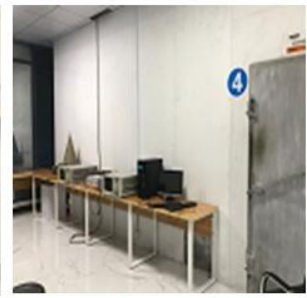
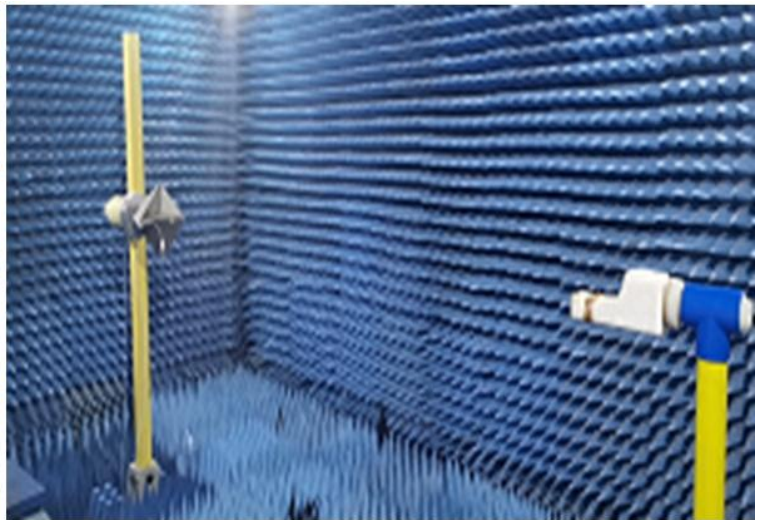
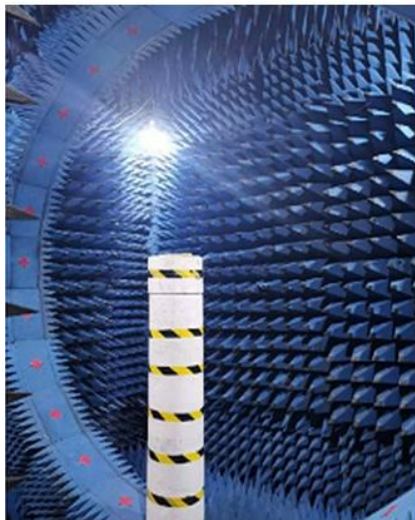
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一.测试系统及设备 Test System and Equipment

	测试项目	设备
1 : S 参数	1. 史密斯圆图 2. 驻波比	网络分析仪: A338/A333 HP8753D
2 : 有源测试		综合测试仪: Agilent 8960/ CMW500
3 : 无源测试	1. 天线效率 2. 天线增益	1. 暗室: 5x3x3 m (ETS-3D) 2. 网络分析仪: HP 8753D



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二.产品细节描述 Product Description

技术要求 Technical requirements	技术指标 Technical index	备注
工作频段 Band	433	
频率范围 Range Of Frequency	433Mhz	
驻波比 VSWR	433Mhz<2.0	中心频率 Center Frequency
输出阻抗 Impedance	50 Ω	
极化方式 Polarization	线极化 Linear polarization	
工作温度 operating temperature	-20℃ / +55℃	
存储温度 storage temperature	-25℃ / +65℃	
盐雾 Salt Fog	24 小时 (24 小时干湿交替) 24h (24h alternating wet & dry)	
无铅认证 RoHS Compliant	是 yes	

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三.设备描述 Device Description

整机照片



天线照片



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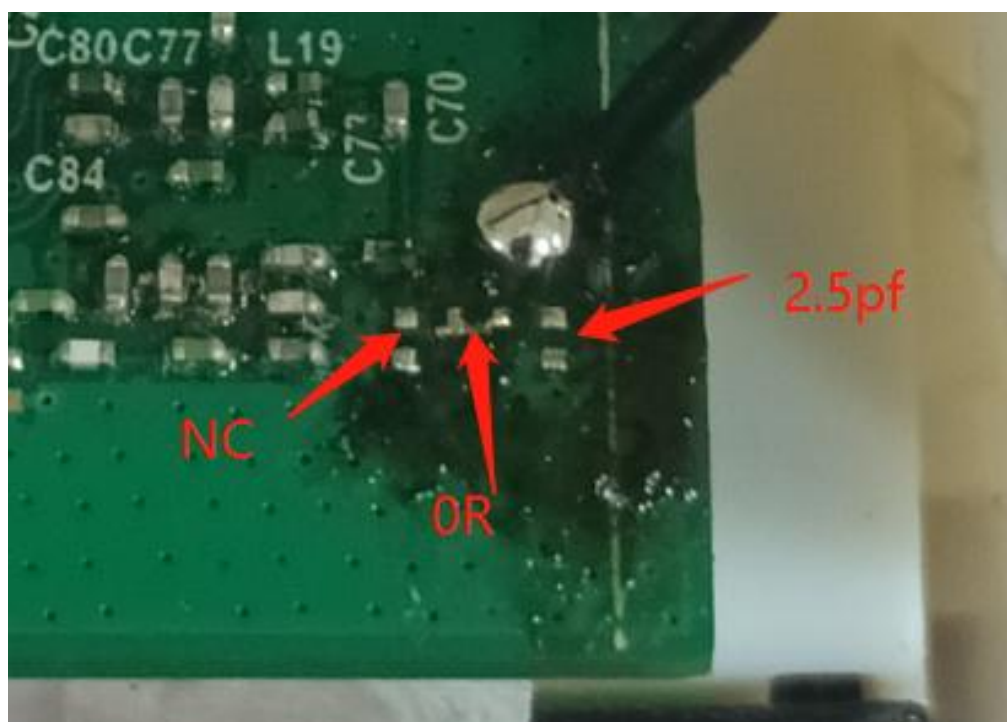
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四.匹配电路 Matching Circuits

匹配电路

天线匹配有改动。



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五.无源测试数据 Passive Test Data

Freq (MHz)	Effi (%)	Gain (dBi)
431	23.88	-5.8
432	23.85	-5.76
433	23.92	-5.72
434	24.03	-5.7
435	24.23	-5.63

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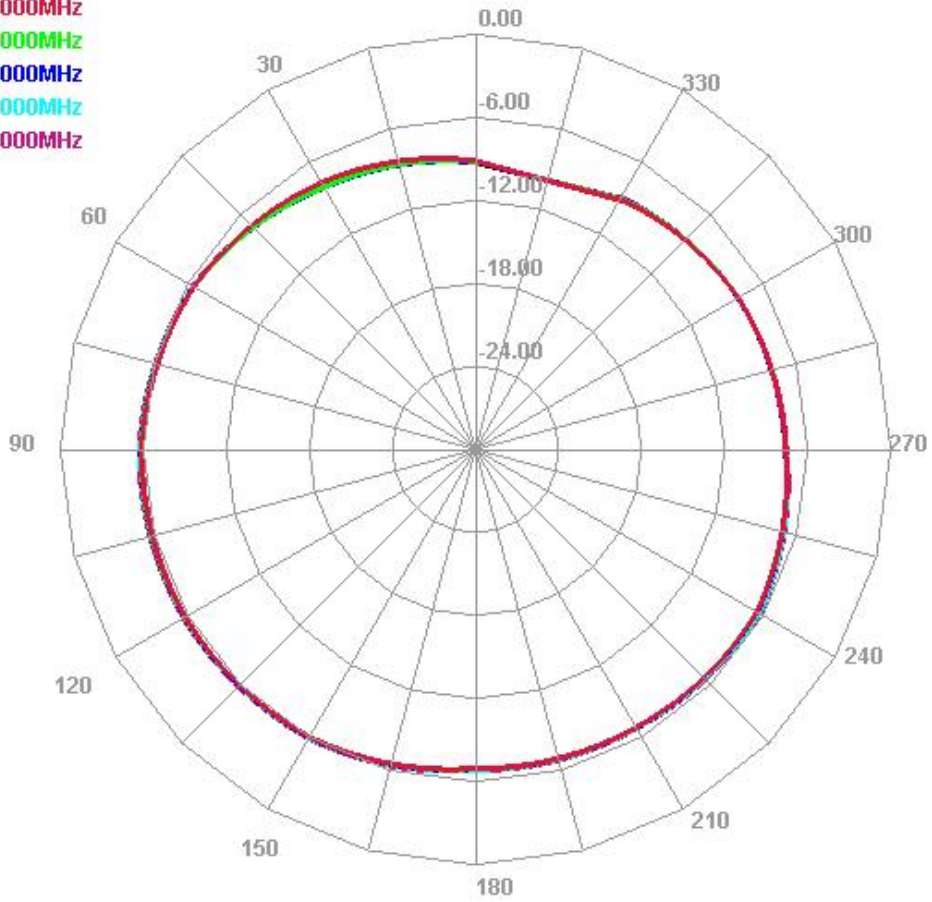
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Horizontal

431.000MHz
432.000MHz
433.000MHz
434.000MHz
435.000MHz



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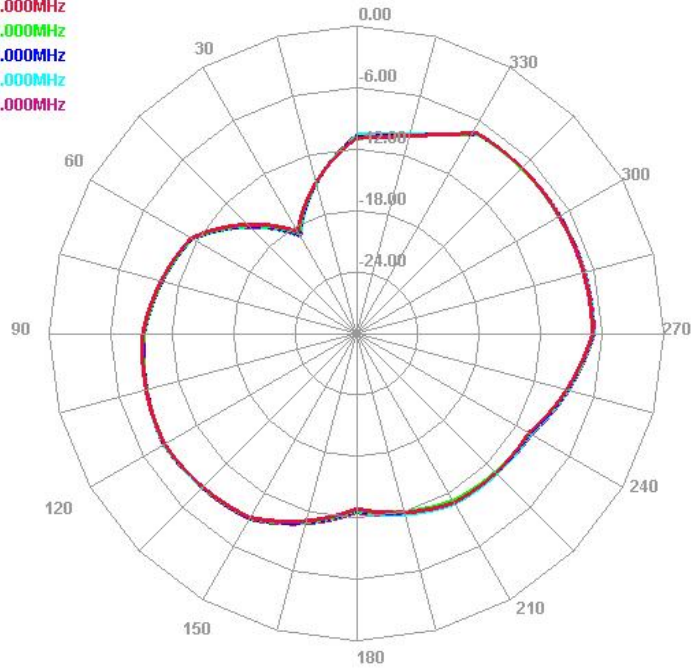
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E1 Face

431.000MHz
432.000MHz
433.000MHz
434.000MHz
435.000MHz



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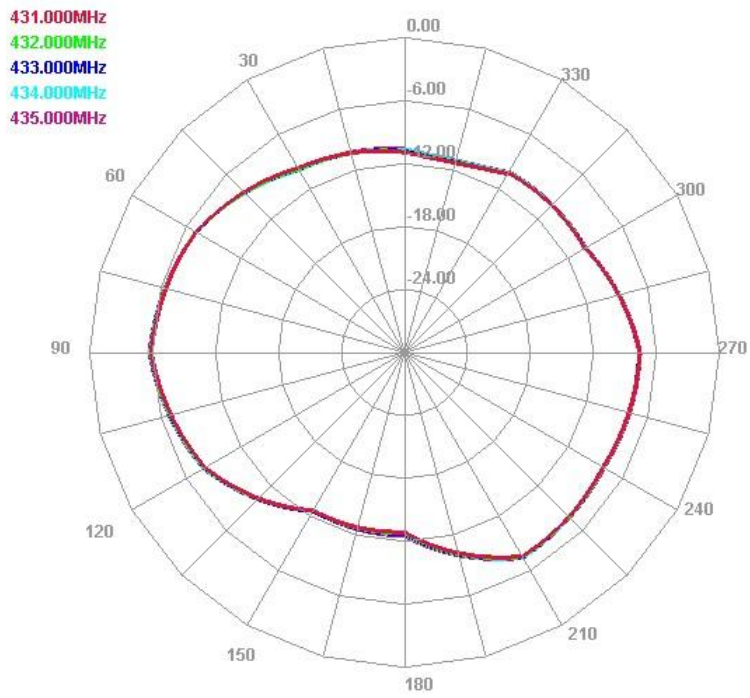
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E2 Face



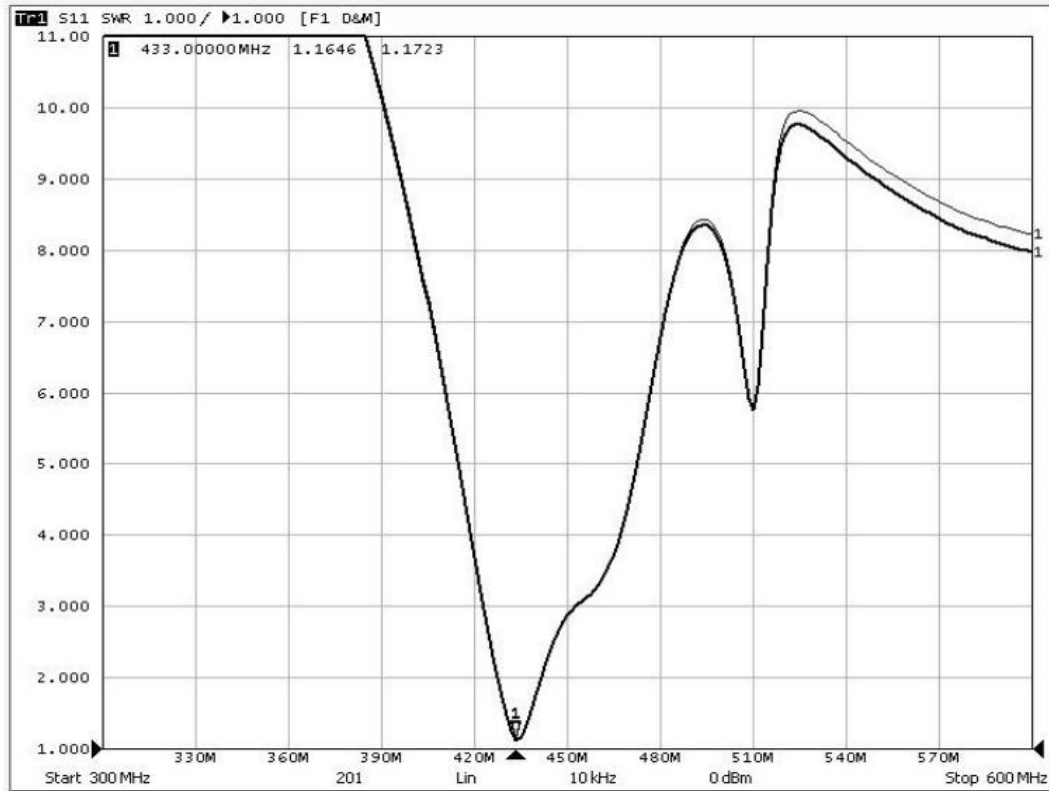
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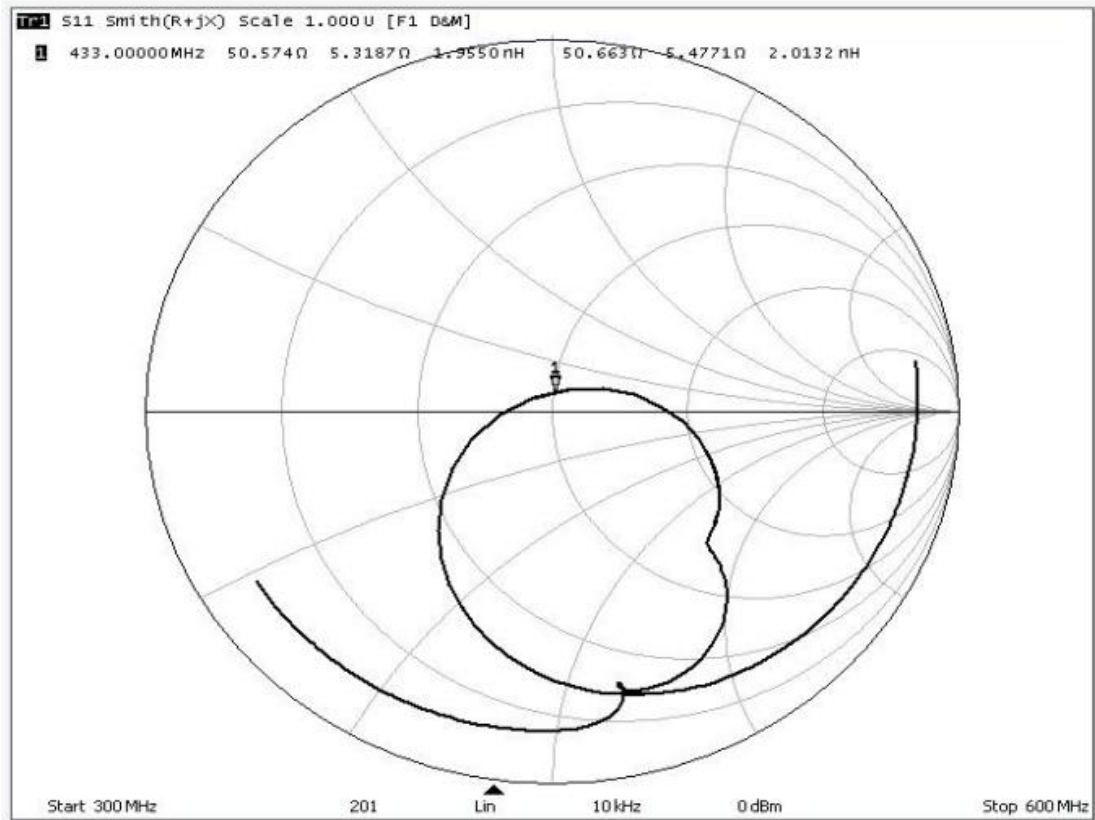
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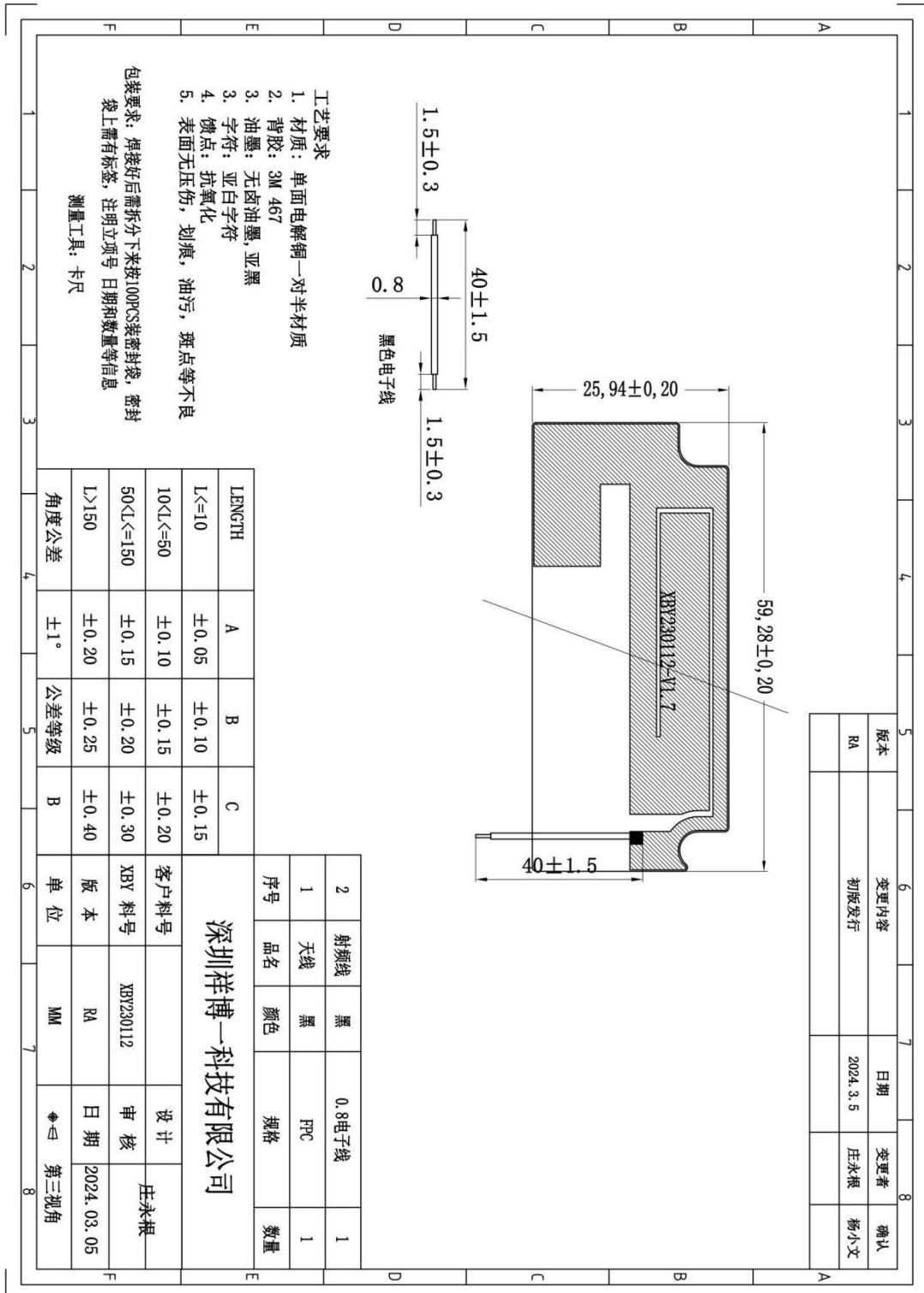
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六.工程图 Engineering Drawing



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