

深圳祥博一科技有限公司

Shenzhen Xiangboyi Technology Co. Ltd

规格承认书

An acknowledgement of specifications

客户名称 customer name	首为智造 shouweizhizao
项目名称/料号 Project name	SIL080 艾斯默克烧烤箱 The Esmerk barbecue
供方料号 Supplier material number	XBY240239

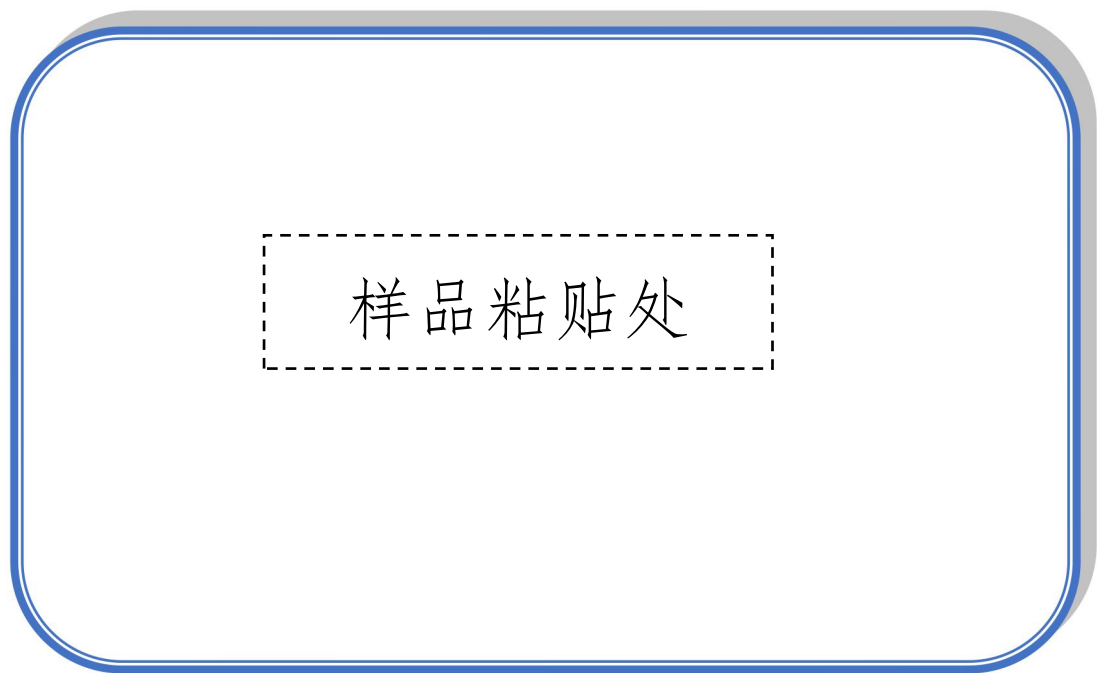
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电话 Telephone: 0755-29369912 传真 Portraiture: 0755-61624200

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

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客户确认 Customer confirmation			
工程 Engineer	项目 Project	品质 Quality	批准 Ratify

供方确认 Confirm by the supplier		
结构 Structure	射频 Radio Frequency	批准 Ratify

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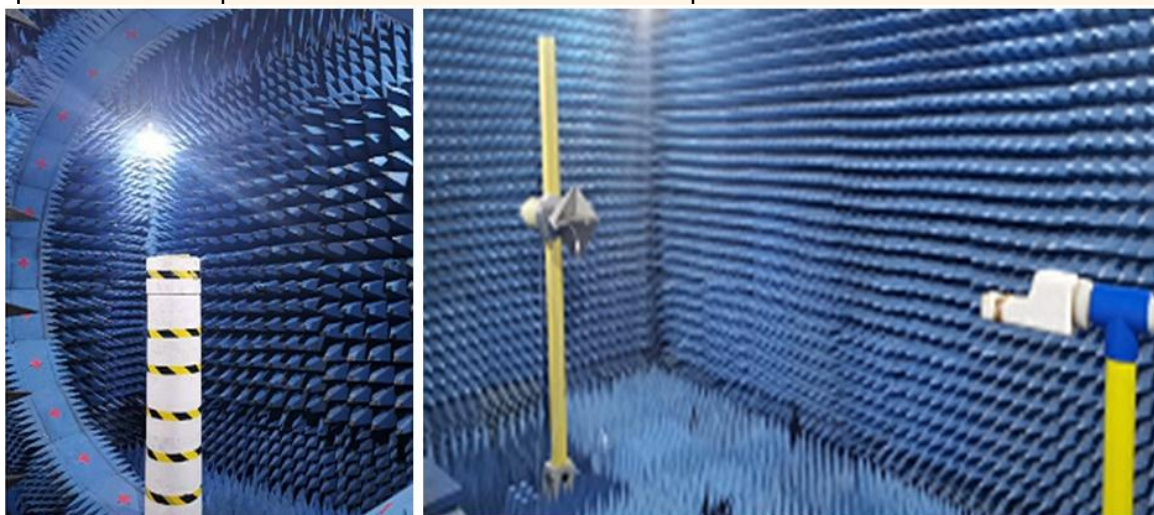
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一．测试系统及设备 Test System and Equipment

	测试项目 Test project	设备 Equipment
1: S 参数 parameters	1. 回波损耗 Log Mag 2. 驻波比 VSWR	网络分析仪 Network analyzer : A338/A333 HP8753D
2: 有源测试 active test		综合测试仪 Comprehensive test instrument : Agilent 8960/ CMW500
3: 无源测试 passive test	1. 天线效率 efficiency 2. 天线增益 gain	1. 暗室 Darkroom: 5x3x3 m (ETS-3D) 2. 网络分析仪 Network analyzer : 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 comments on a form
工作频段 Band	WIFI	
频率范围 Range Of Frequency	2400-2500MHz	
驻波比 VSWR	<2.0	中心频率 Center Frequency
输出阻抗 Impedance	50 Ω	
极化方式 Polarization	垂直极化 vertical polarization	
工作温度 operating temperature	-20℃ / +75℃	
存储温度 storage temperature	-25℃ / +75℃	
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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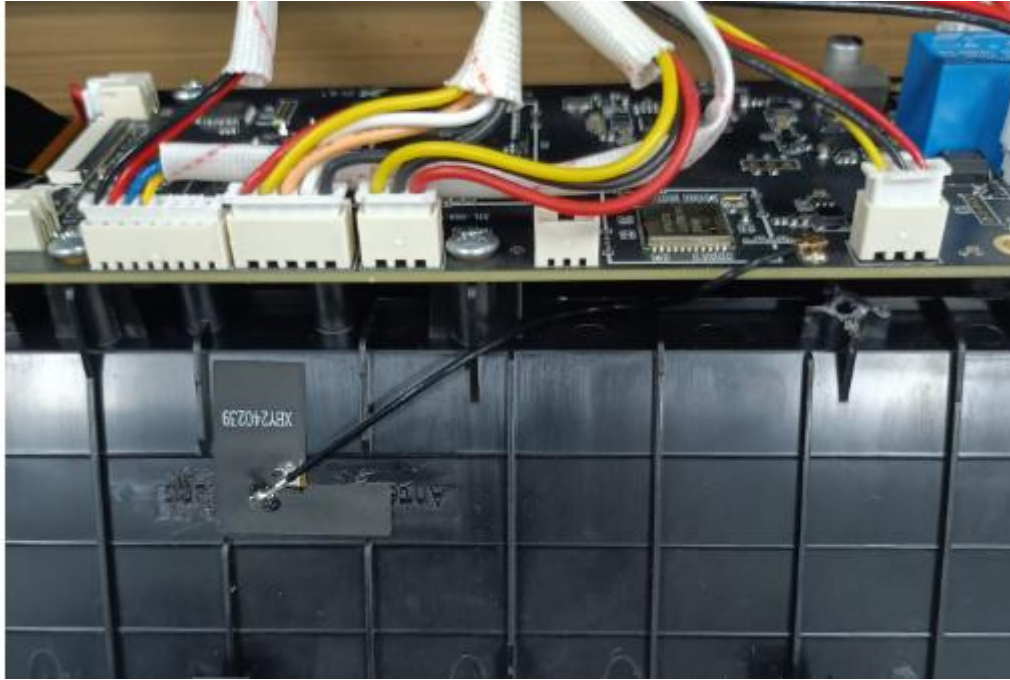
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三. 设备描述 Device Description

天线照片及安装位置

Photo of the antenna and the installation location



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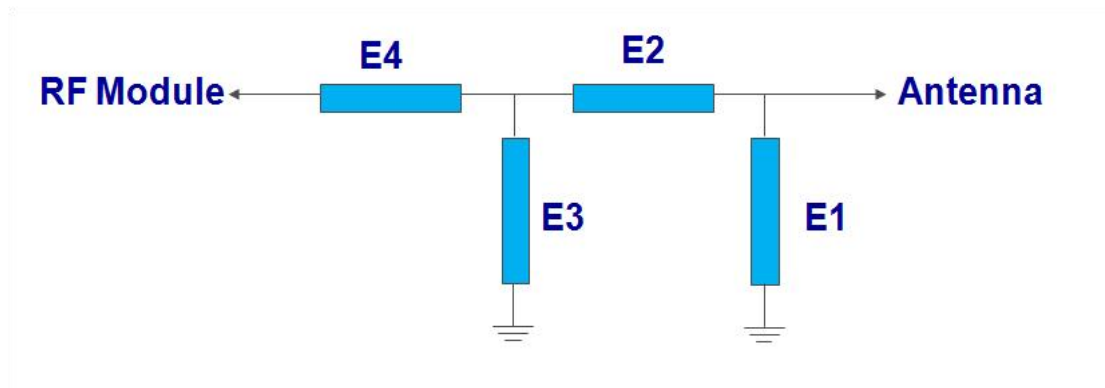
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四. 匹配电路 Matching Circuits



天线匹配没有做改动。

The antenna match was not changed.

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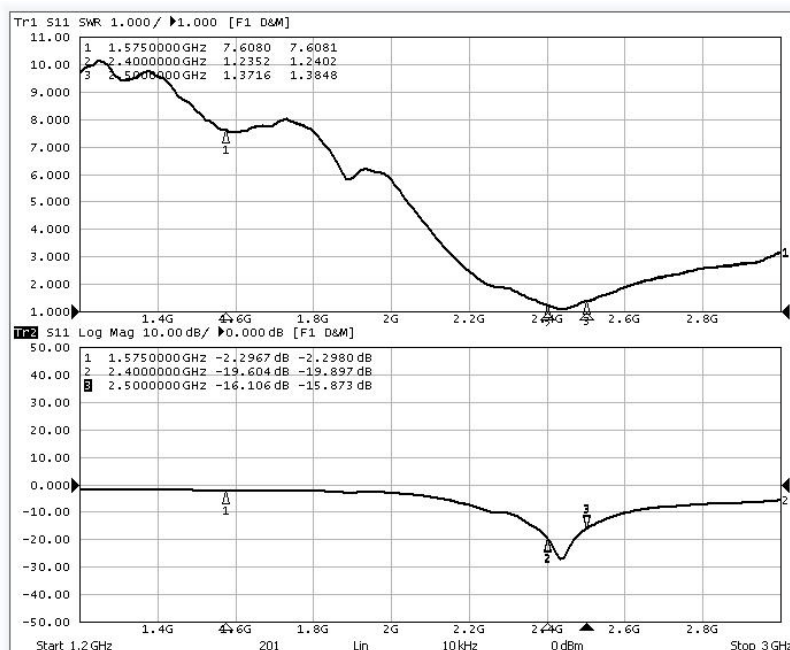
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5. 测试数据 Test Tata



Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	1.68	41.92
2410	1.79	42.56
2420	1.90	43.66
2430	1.78	43.56
2440	1.65	43.07
2450	1.54	43.18
2460	1.35	42.69
2470	1.31	42.76
2480	1.40	43.76
2490	1.44	43.65
2500	1.35	42.94

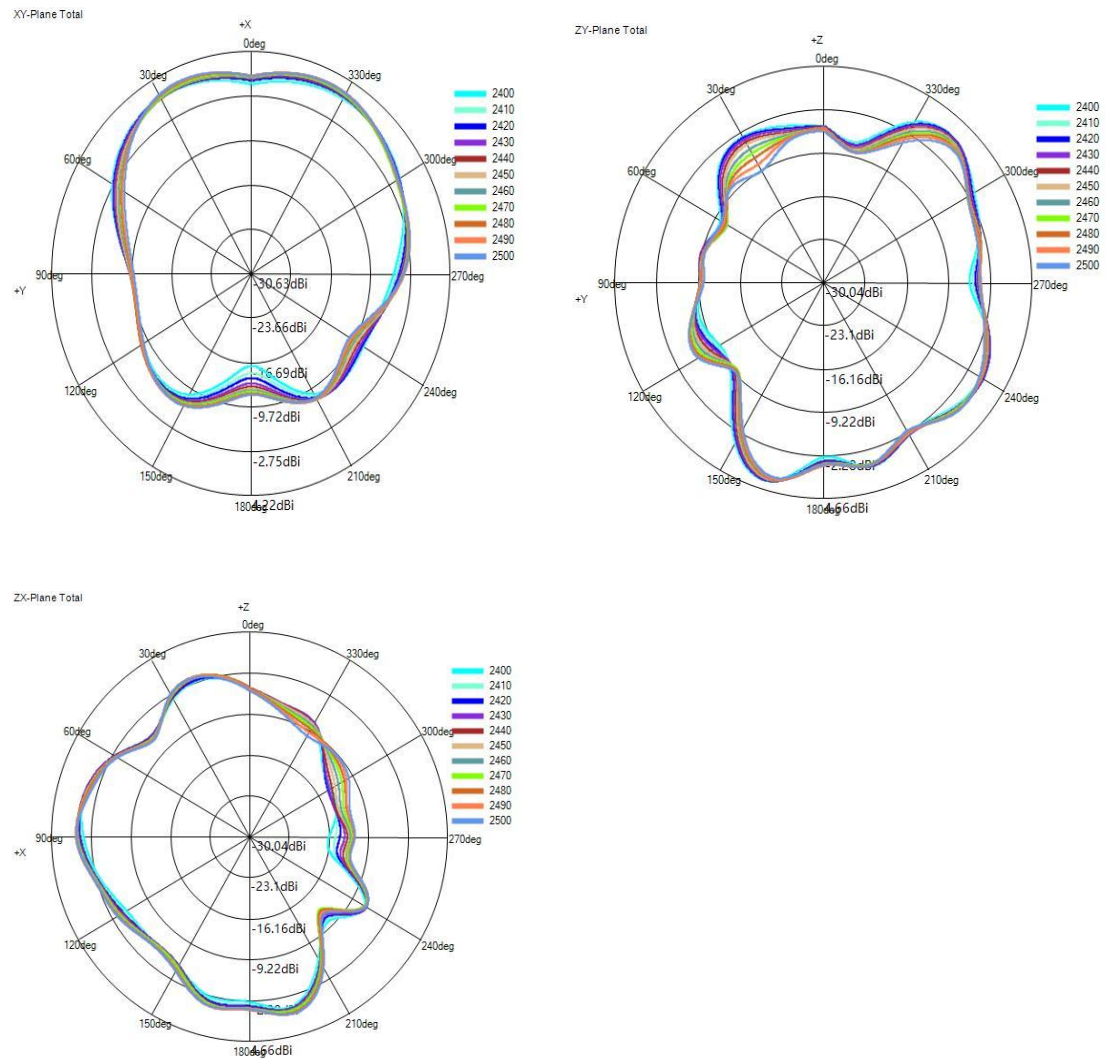
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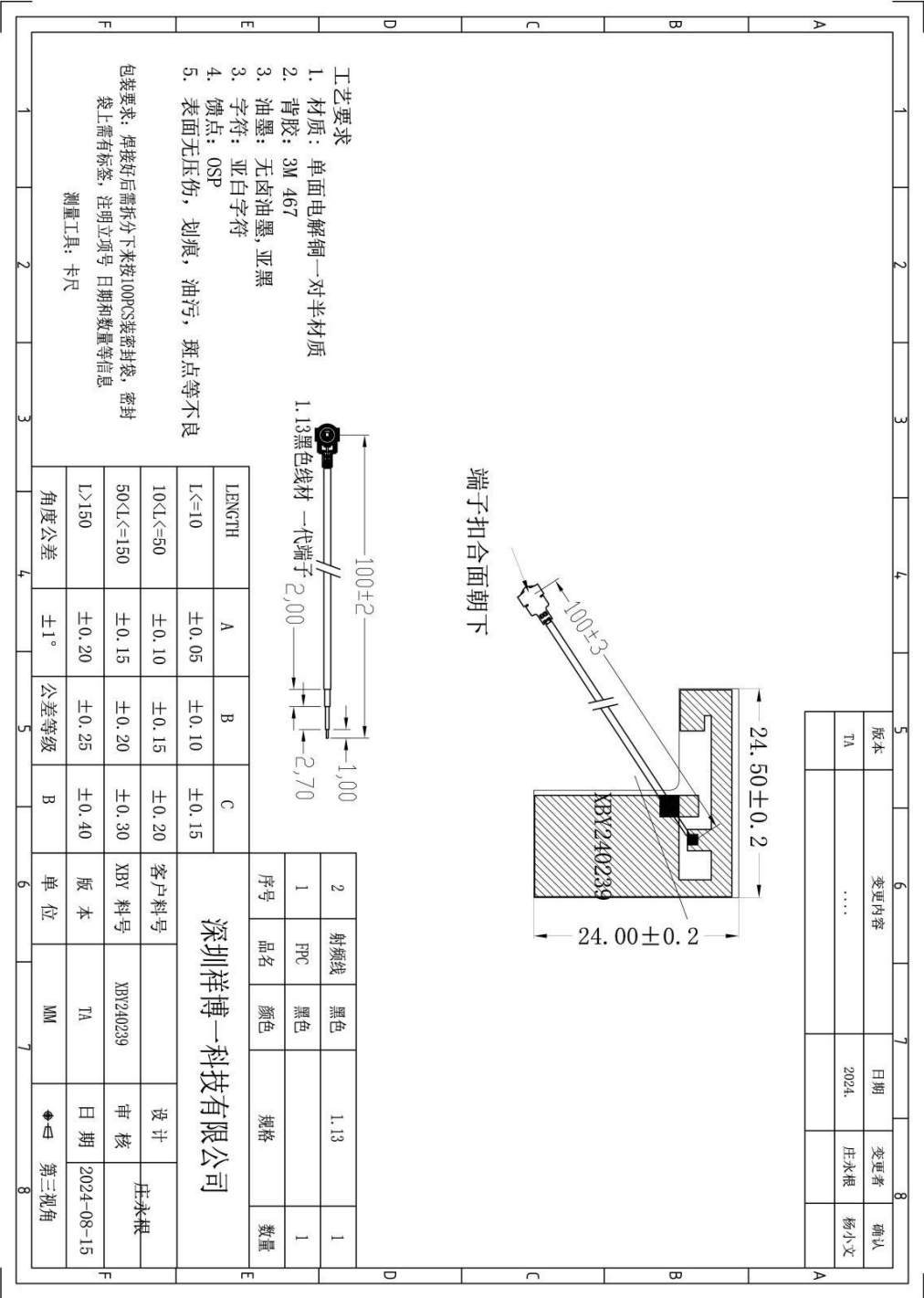
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五. 工程图 Engineering Drawing



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