

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A1)

CUSTOMER(客户名称)	Anker	
CS P/N(客户机种)	T7200	
PART NAME(品名)	WiFi-FPC天线	
FREQUENCY(频率)	2.4-2.5GHz	
ZTX NO.(物料编号)	91.04.13360030051	S1G7200ZZZF
DATE(日期)	2021-08-10	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章): _____

MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		刘长林	林益青	

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Revision history

版本	日期	状态
A1	2021-08-10	首版

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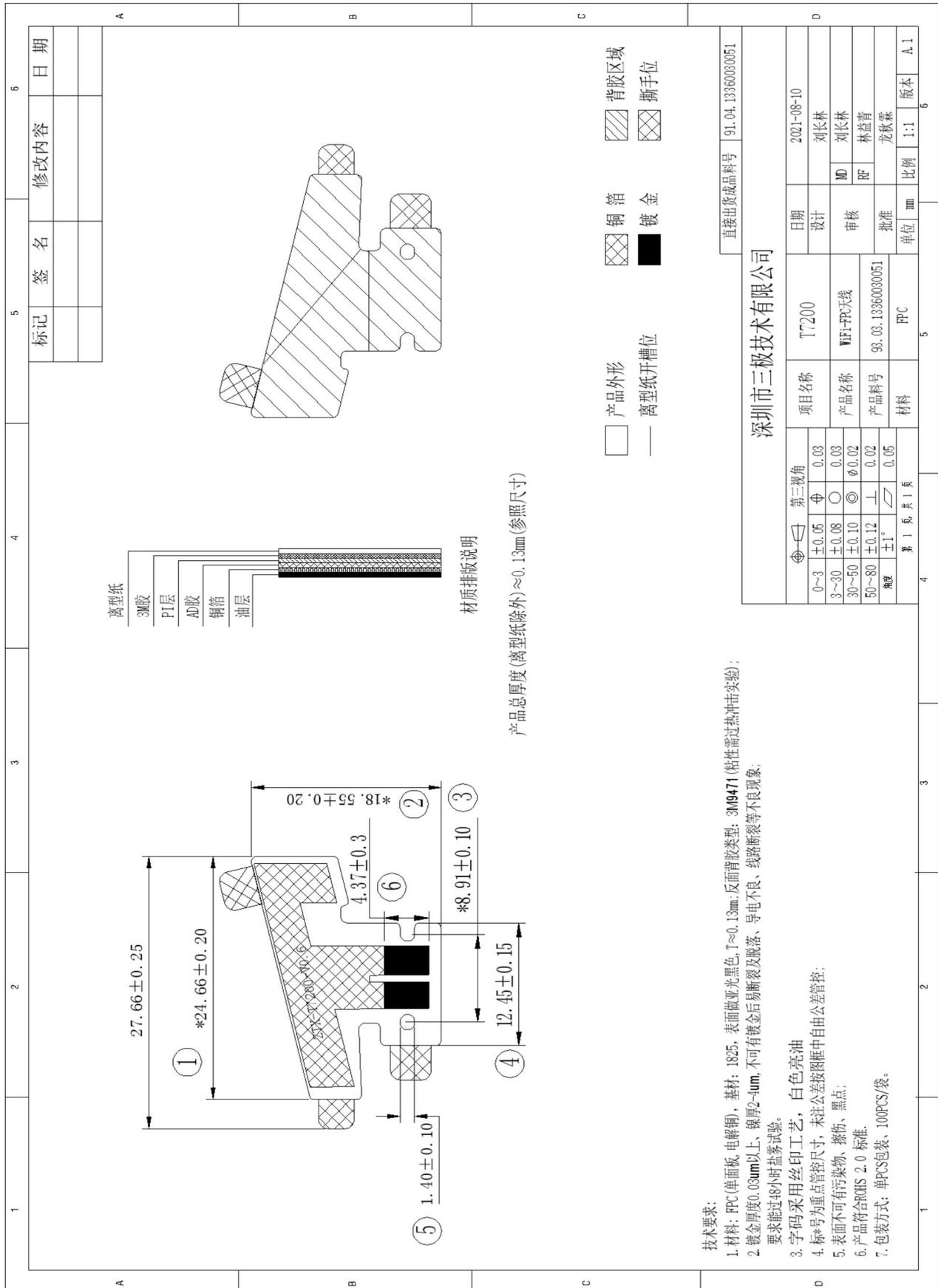
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1. Mechanical Specification

1-1 Mechanical Configuration (T7200 WiFi-FPC天线)



技术要求:

1. 材料: PPC(单面板, 电解铜), 基材: 1825, 表面做亚光黑色, T≈0.13mm, 反面背胶类型: 3M9471(粘性需过热冲击实验);
2. 镀金厚度0.03um以上、银厚2-4um, 不可有镀金后易断裂及脱落、导电不良、线路断裂等不良现象, 要求能过48小时盐雾试验。
3. 字码采用丝印工艺, 白色亮油
4. 标*号为重点管控尺寸, 未注公差按图框中自由公差管控;
5. 表面不可有污染物、擦伤、黑点;
6. 产品符合RoHS 2.0 标准。
7. 包装方式: 单PCS包装、100PCS/袋。

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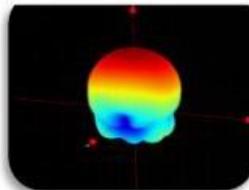
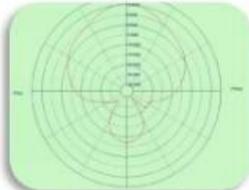
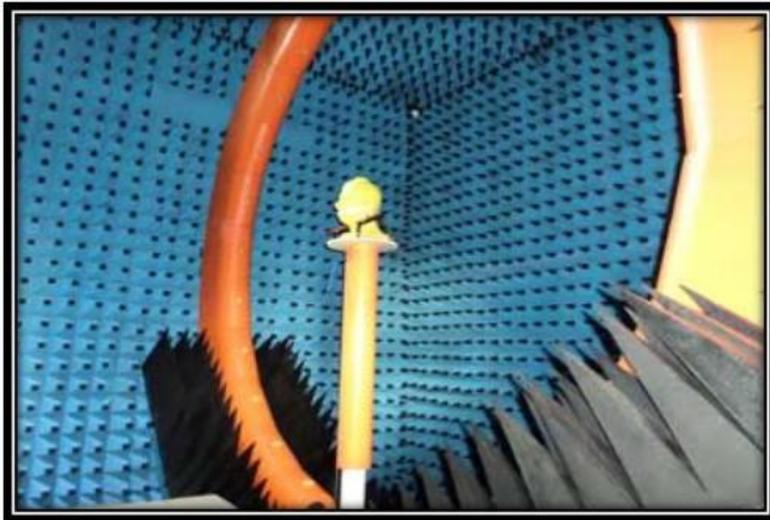
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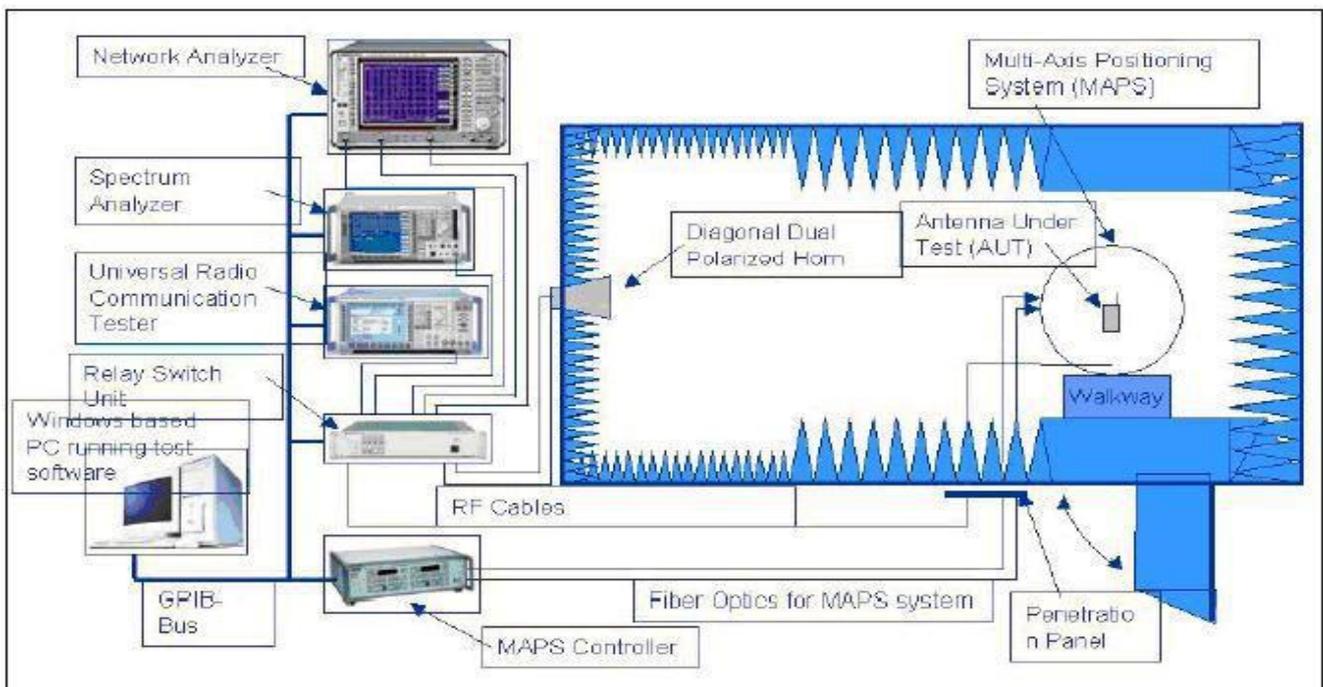
2. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CITA standards.

Testing range:

Support active, passive testing of GSM/CDMA/WCDMA/TD-SCDMA/LTE/WIFI/WLAN/WiMax/BT/GPS/MIMO/UWB within 0.4-6G.



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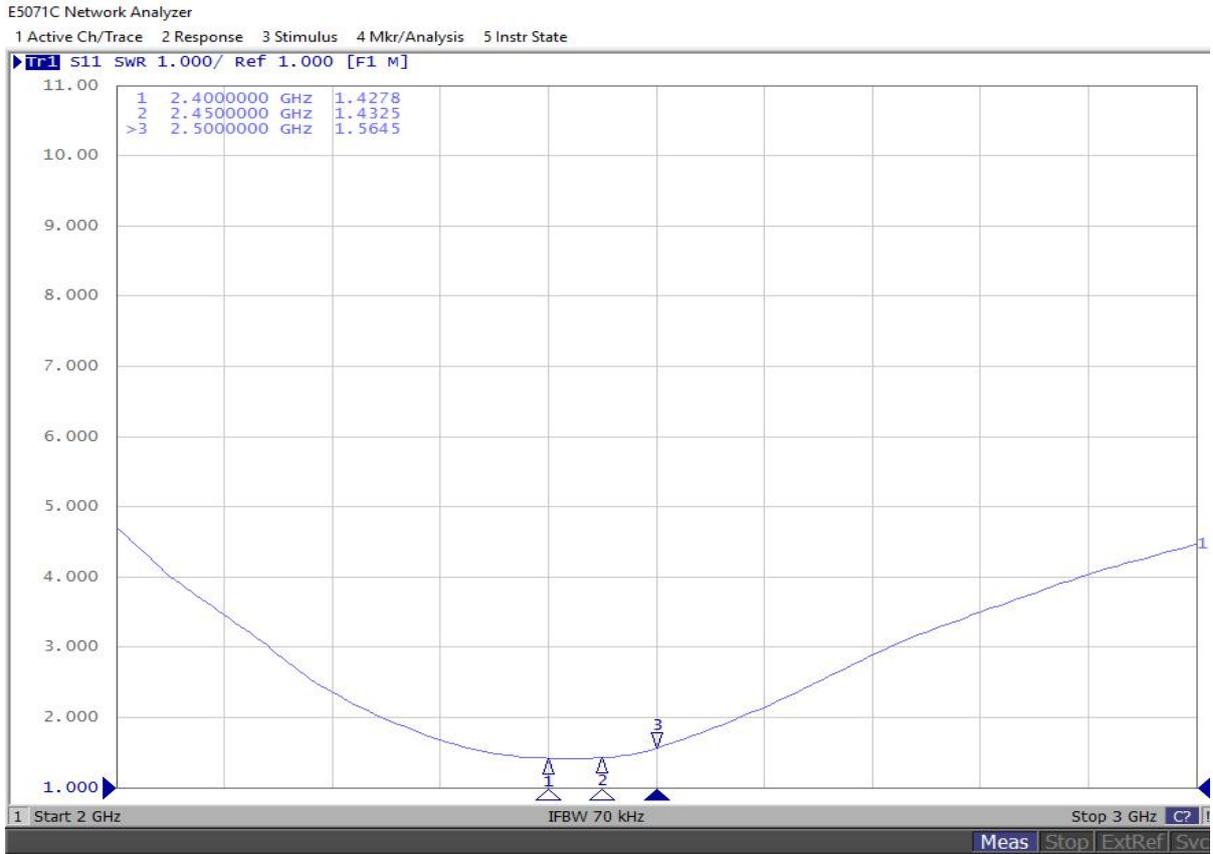
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3. Antenna test data

3-1 VSWR



3-2 No-source test data

Frequency	Efficiency	Efficiency . dB	Gain . dBi
2.4E+09	61%	-2.12	2.68
2.41E+09	63%	-2.01	3.07
2.42E+09	62%	-2.08	2.99
2.43E+09	62%	-2.06	2.93
2.44E+09	63%	-1.99	2.94
2.45E+09	62%	-2.09	2.69
2.46E+09	63%	-2.02	2.66
2.47E+09	61%	-2.12	2.58
2.48E+09	62%	-2.07	2.80
2.49E+09	60%	-2.21	2.78
2.5E+09	60%	-2.19	2.62

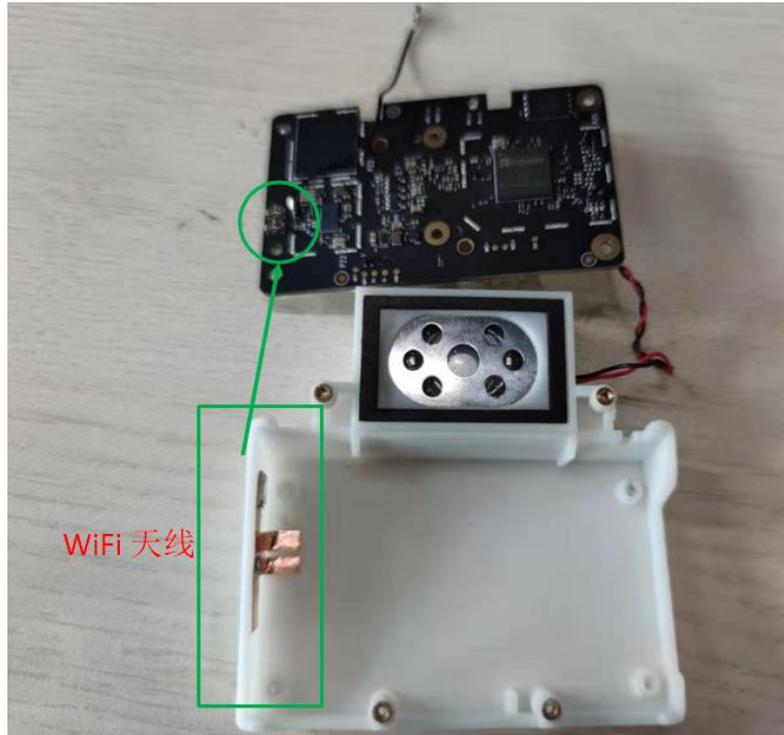
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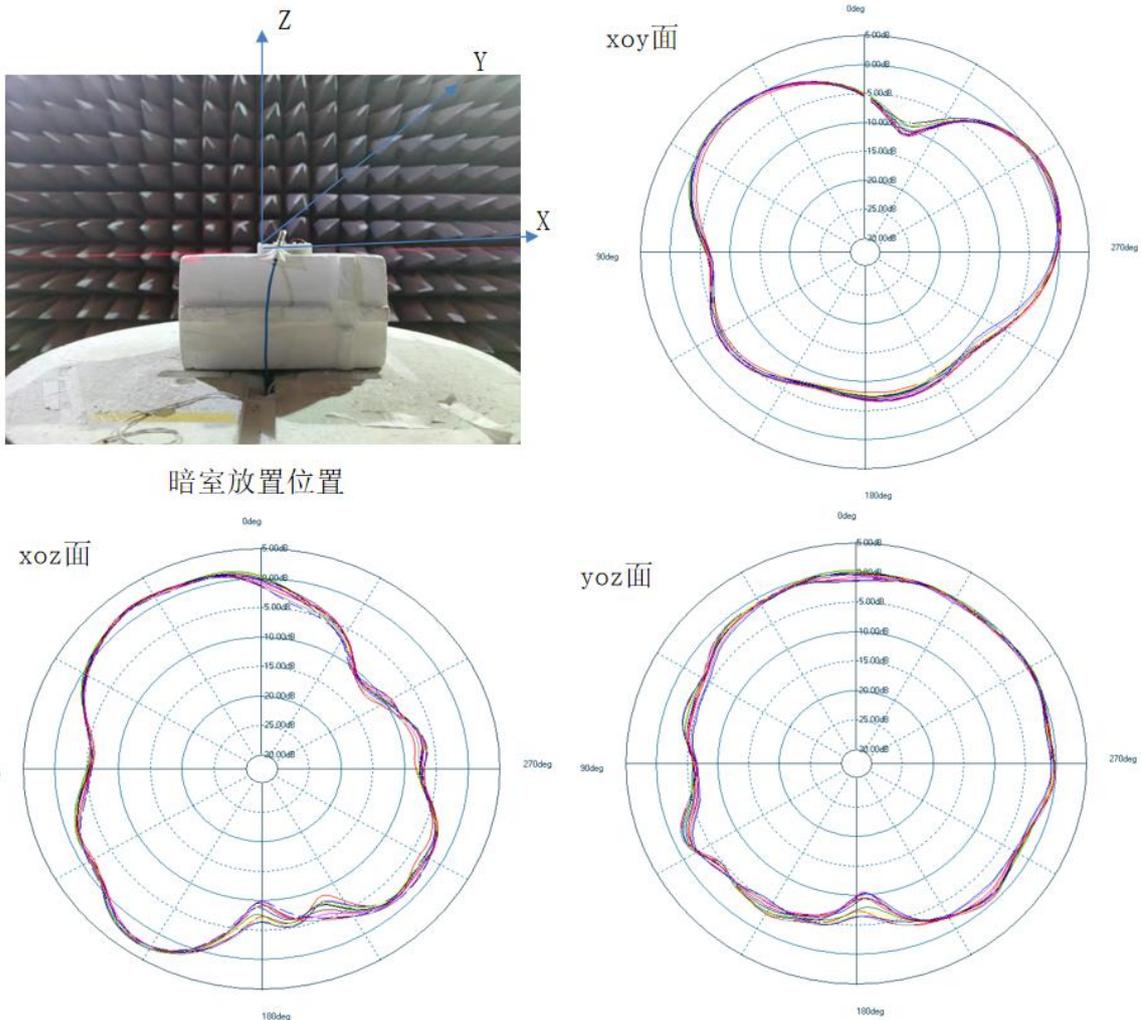
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3-3 Environment treatment



3-4 Directional drawing of horizontal plane of



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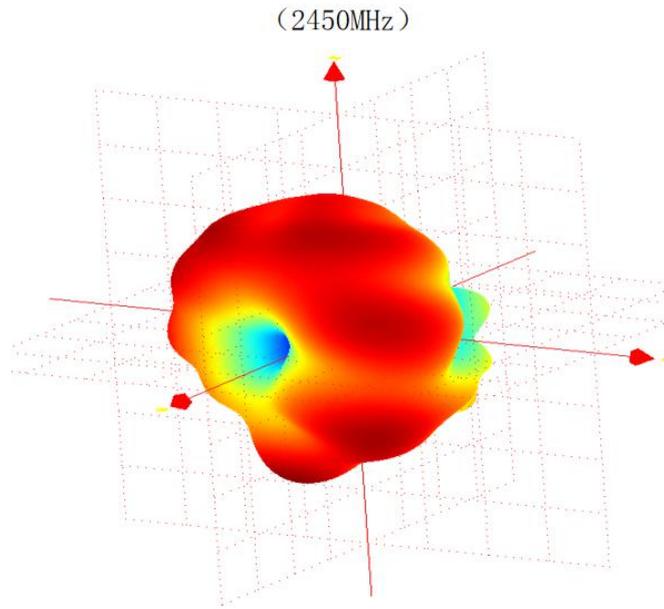
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3-5 3D radiation drawing



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4.Raw Material Detection List

Raw Material Detection List 原材料检测清单																
序号	组成部分或零件 Parts or Components	材料名称或型号 Style/Item NO.	Pb 铅	Cd 镉	Hg 汞	Cr6+ 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚	邻苯二甲 酸二(2-乙 基)肟 DEHP	邻苯二甲 酸丁苄酯 BBP	邻苯二甲 酸二异丁 酯DIBP	测试报告编号 Report NO.	TestLab 测试机构 名称	测试报告日 期	RoHS Report RoHS报告	
1	FPC	基材	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC2103249004	SGS	2021/3/3		
		油墨	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE_2020_93185	SGS	2020/9/18		
		Mi	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC2010289804	SGS	2020/6/29		
		AU	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC2010289802	SGS	2020/6/29		
		背胶	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1929095501	SGS	2020/6/6	

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5.The packing way

深圳市三极技术有限公司		包装规范			文件编号	版本	工序序号/名称	工序工时	日产量																
产品名称	WiFi天线	产品型号	T7200	ZTX-QD-WI	A1	包装/装箱	/	/																	
 <p>图1：称重装袋</p>		 <p>图2：装袋/贴标签</p>		 <p>图3：贴外箱标签/装箱</p>		 <p>图4：封箱</p>		<p>作业方法（自检该工序作业合格后，方能流入下一道工序）</p> <ol style="list-style-type: none"> 每100PCS产品用（130*90mm）PE封口胶袋包装； 每10袋（1000PCS）产品用开口PE袋（160*240mm）；每10袋（1000PCS）装入封口PE袋（230*330mm）；包装，贴标签含（物料名称，物料编码，数量，日期） 装箱，纸箱规格（45*32.5*21cm），每箱（10000pcs）尾数除外；贴外箱标签，贴于外箱的右上角，标签内容包含（生产产家，型号，产品名称，客户编码，数量，订单号，日期，QA检验）； 将贴好标签的箱子用胶纸以“工”字型封箱。 																	
				<p>注意事项：</p> <ol style="list-style-type: none"> 发现重量有超出公差范围时，须对数量进行清点； 外箱只允许有1个物料标签，其余如有多余标签时须将其清理干净； 		<p>物料名称及规格</p> <table border="1"> <tr> <td>物料编号</td> <td>用量</td> <td>工/夹装治具</td> </tr> <tr> <td>纸箱(45*32.5*21)cm</td> <td>1</td> <td>电子称</td> </tr> <tr> <td>PE封口袋(90*130)mm</td> <td>800</td> <td></td> </tr> <tr> <td>PE开口袋(160*240)mm</td> <td>80</td> <td></td> </tr> <tr> <td>PE封口袋(230*330)mm</td> <td>8</td> <td></td> </tr> <tr> <td>卡板</td> <td>2</td> <td></td> </tr> </table>		物料编号	用量	工/夹装治具	纸箱(45*32.5*21)cm	1	电子称	PE封口袋(90*130)mm	800		PE开口袋(160*240)mm	80		PE封口袋(230*330)mm	8		卡板	2	
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版本		A1		新制定		胡春梅		龙秋霖																	
制订		彭程		易爱玲		品质确认		批准																	