

规格承认书

SPECIFICATION FOR APPROVAL

客 户 Customer	
项目名称 Project Name	鱼眼
客 户 料 号 Customer NO.	
规 格 specification	双频WIFI天线-FE1-FPC2-V02
供 方 料 号 Supplier NO.	N12-8624-ROA
规格书编号 Specification NO.	
编写人 Write by	
版本 REV.	Ver.1
日 期 Date	2023/3/7
备 注 Note	

客户确认 CUSTOMER APPROVED BY		
批准 Approved by	审核 Checked by	制表 Prepared by
供方确认 SUPPLIER APPROVED BY		
批准 Approved by	审核 Checked by	制表 Prepared by

版本变更记录				
变更日期	变更内容	版本	变更人	批准人

1. 承认书项目表 (Index)

序号	内容	页码
—	承认书封面	1
—	版本变更记录	2
1	承认书项目表	3
2	试验设备和条件	4
3	样机结构说明件	5
4	S11	7
5	增益/效率/3D图	8
6	包装图	9

2. 试验设备和条件(Test Equipment & Conditions)

2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

2.3. 3D Chamber Test System: 64探头测试系统

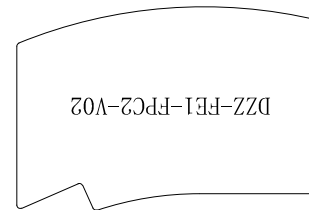


3. 样机结构说明件(Mechanical instruction)

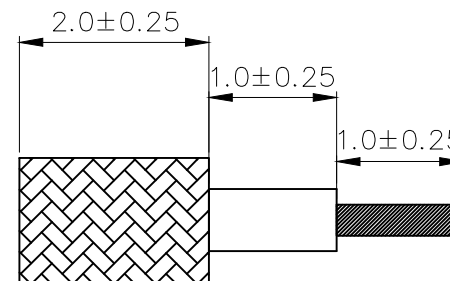


Rev	Description	Date	Remark
A	New drawing		

铜箔黑油
馈线焊盘，露铜箔



丝印示意图



A (Strip)

IPEX方向朝下

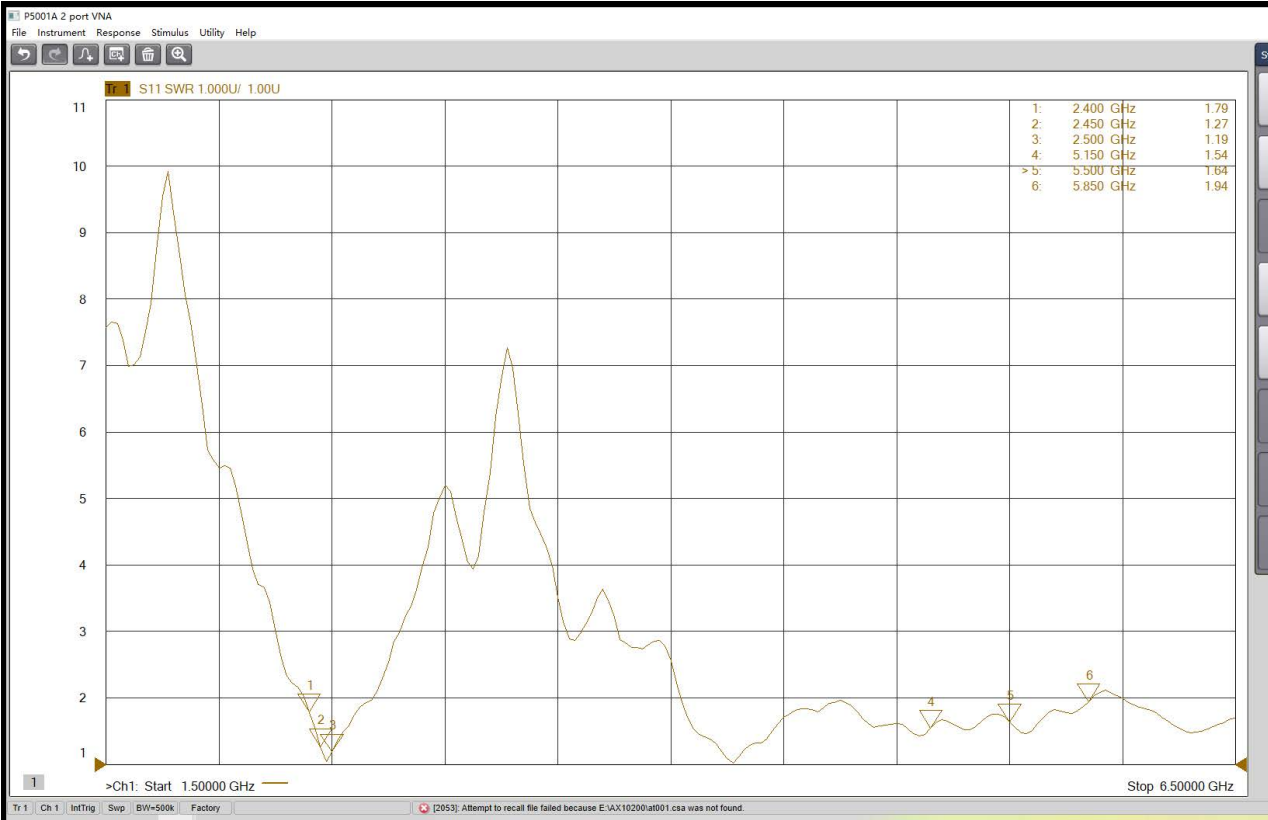
技术要求:

- 1、标 “*” 尺寸为重点管控尺寸;
- 2、未标注尺寸按照图纸;
- 3、无虚焊、假焊、连锡、短路、断路等焊接不良现象;
- 4、所有部件需符合RoHS要求;
- 5、成品需全检性能。

4					
3					
2		射频线	Φ1.13 双锡线,L=110mm, 黑色, 一代端子	1	
1		FPC	26.1*17.39mm	1	
No.	Part No.	Name	Specification	Amount	Remark
1					
2					
3					
4					

Be-Comfortable 得自在				深圳市得自在科技有限公司 SHEN ZHEN BE-COMFORTABLE CO.,LTD							
Third Angle		Project	鱼眼	Date	2023-03-07						
0~10	±0.05	○	0.02	Part Name	FPC-2	Designed by	李海波				
10~18	±0.10	◎	Ø0.03	Part No.	N12-8624-R0A	Checked by	RF	张斌			
18~30	±0.12	⊥	0.02	Material	/		PE				
30~40	±0.15	▱	0.04	DWG No.	N12-8624-R0A	Approved by					
40~	±0.20	Angle	±0.5°								
Location				Unit	mm	Scale	1:1	Rev	A		

S11-WIFI-2整机驻波比3.0以下

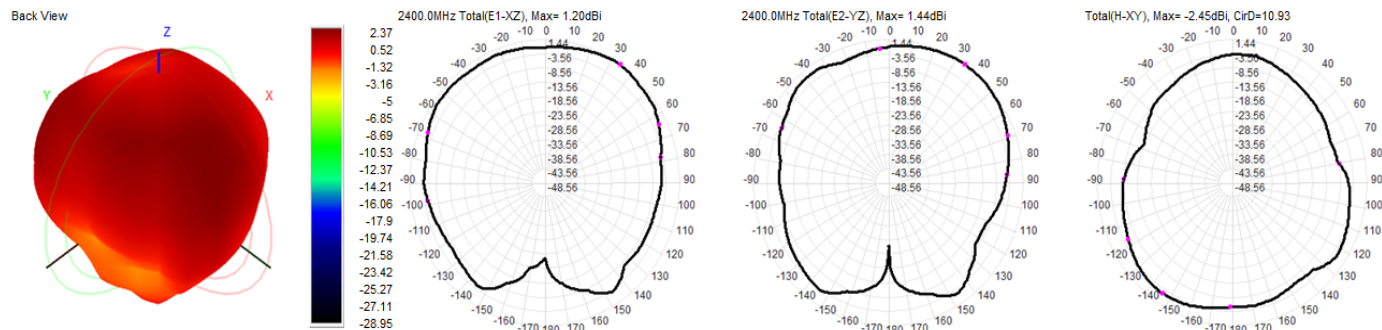


5, 增益/效率/3D图(Gain & Efficiency& 3D Pattern)

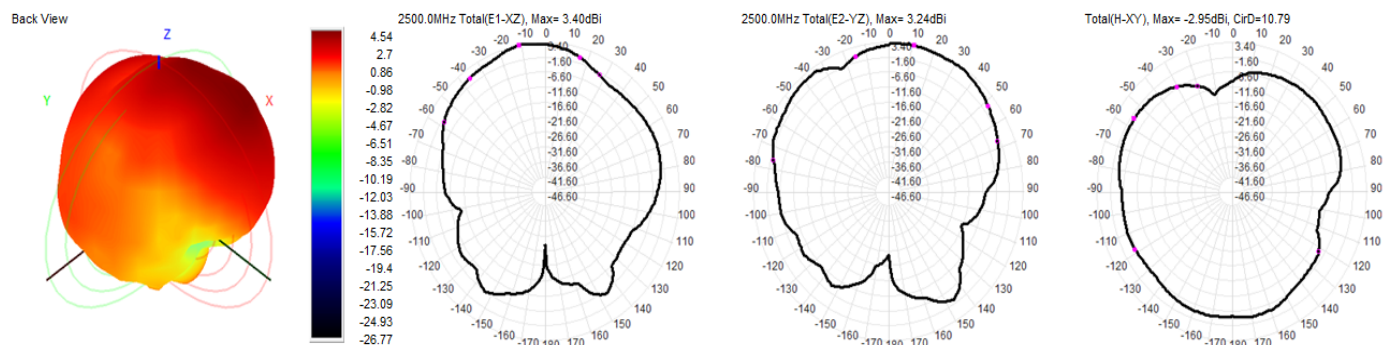
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	2.37	2.20	2.09	2.20	2.36	2.72	2.93	3.24	3.70	4.12	4.54
Efficiency (%)	52.23	52.62	51.21	50.90	53.20	53.93	52.22	52.79	53.25	54.55	53.94

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
5.49	5.51	4.64	3.81	4.19	4.71	4.35	4.08	3.80	4.17	5.51	6.96	6.57	6.61	6.63
56.10	57.40	56.87	57.77	56.97	57.22	57.04	58.46	57.16	58.03	61.34	66.52	70.58	73.32	75.48

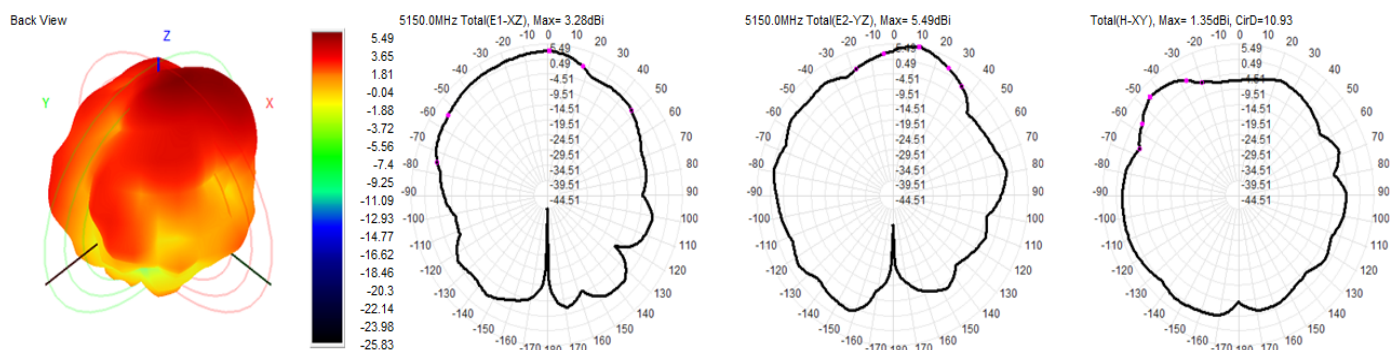
2400MHZ



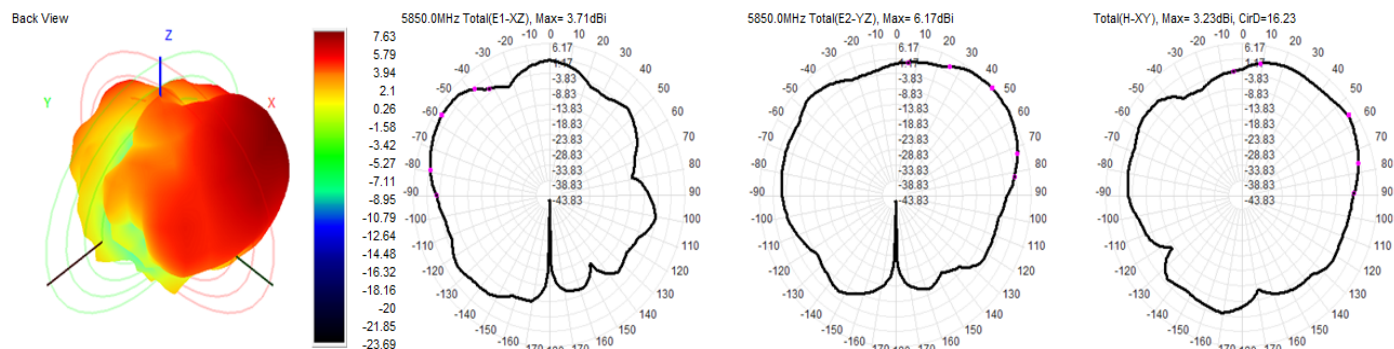
2500MHZ



5150MHZ

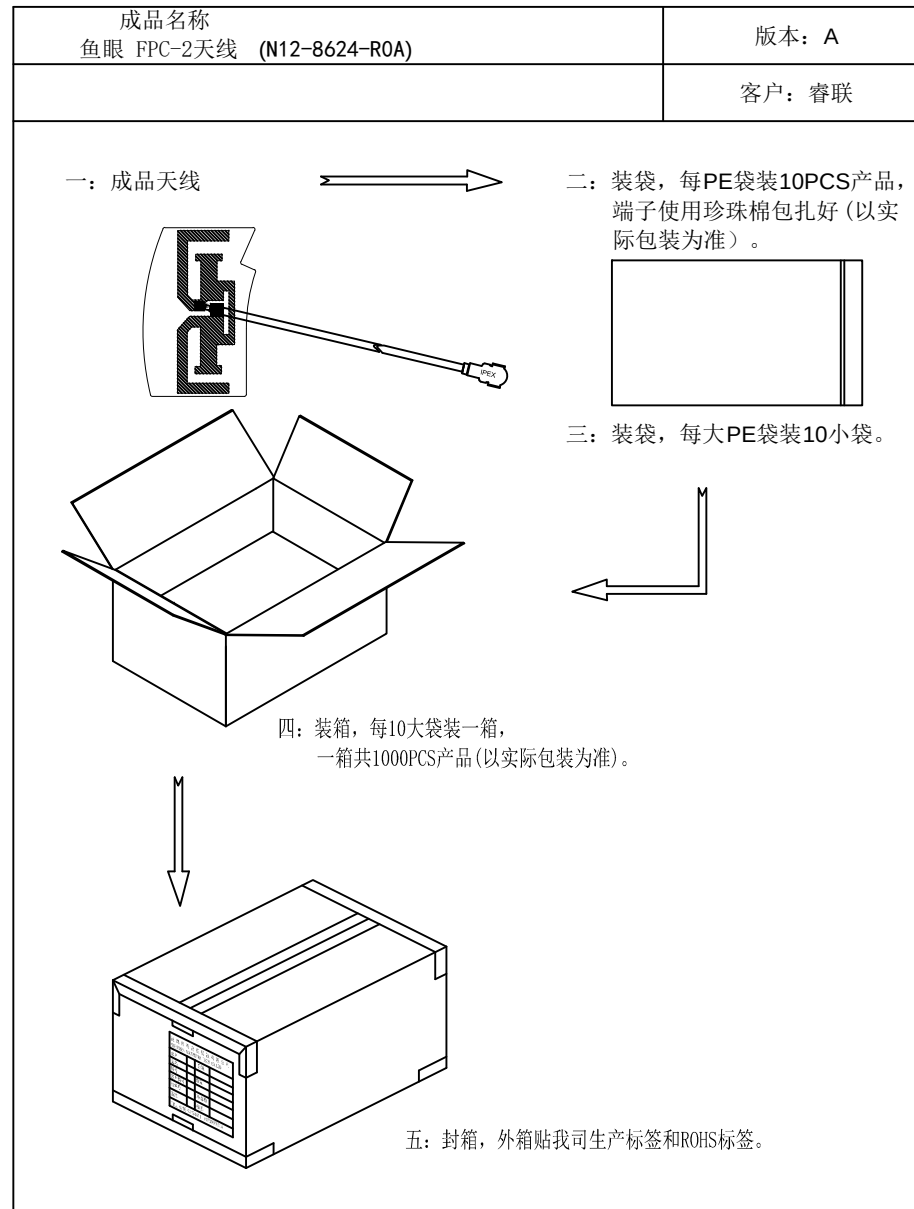


5850MHZ



有源数据

11b	1	6	11		11a	36	64	165
	13.13	14.28	15.06			10.85	11.29	13.57
11MBp	-69.63	-71.38	-71.71		54MBp	-67.65	-66.83	-68.18
11g	1	6	11		11N	36	64	165
	11.5	12.29	13.18			10.25	10.89	12.67
54MBp	-61.46	-61.12	-62.41		ICS7	-64.35	-63.73	-66.28
11n	1	6	11					
	11.35	12.14	13.09					
ICS7	-57.58	-58.55	-59.14					



批准: _____

确认: _____

拟制: 李海波