

规格承认书

SPECIFICATION FOR APPROVAL

客户 Customer	睿联
项目名称 Project Name	B17
客户料号 Customer NO.	62.04.040.0023A
规格 specification	双频WIFI天线-R
供方料号 Supplier NO.	N12-6823-R0B
规格书编号 Specification NO.	
编写人 Write by	张斌
版本 REV.	Ver.1
日期 Date	2022/2/14
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
2022-2-14	增加丝印	ROB	王烈安	张斌

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

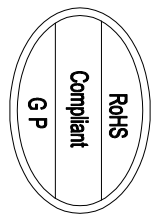
2.3. **3D Chamber Test System**: 64探头测试系统



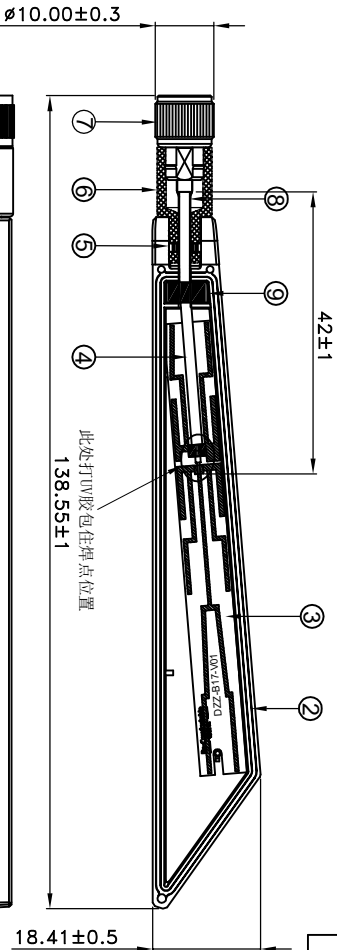
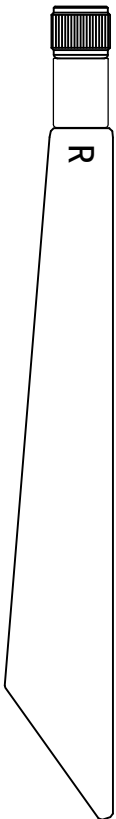
3. 样机结构说明件(Mechanical instruction)



客户料号：62.04.040.0023A



Rev	Description	Date	Remark
A	New drawing		



- 技术要求：
- 1.天线扭力：300-700gf.cm；
 - 2.标注尺寸为重点管控尺寸；
 - 3.未标注尺寸依照图纸；
 - 4.所有部件需符合RoHS要求；
 - 5.成品需全检性能。

No.	Part No.	Name	Specification	Amount	Remark
9		防水胶垫	硅胶 7.86*5.1*3.73mm	1	
8		热缩管	2.5带胶热缩套管	1	
7		接头	SMA公头母针+防水圈 乳白色	1	
6		下固定座	PC+PBT 乳白色	1	
5		固定柱	POM 乳白色	2	
4		同轴线	RG178 棕色	1	
3		PCB	FR4/ 8x77.25*0.6mm	1	
2		下壳-B	PC+ABS 防火/客供物料	1	
1		上盖-B	PC+ABS 防火/客供物料	1	

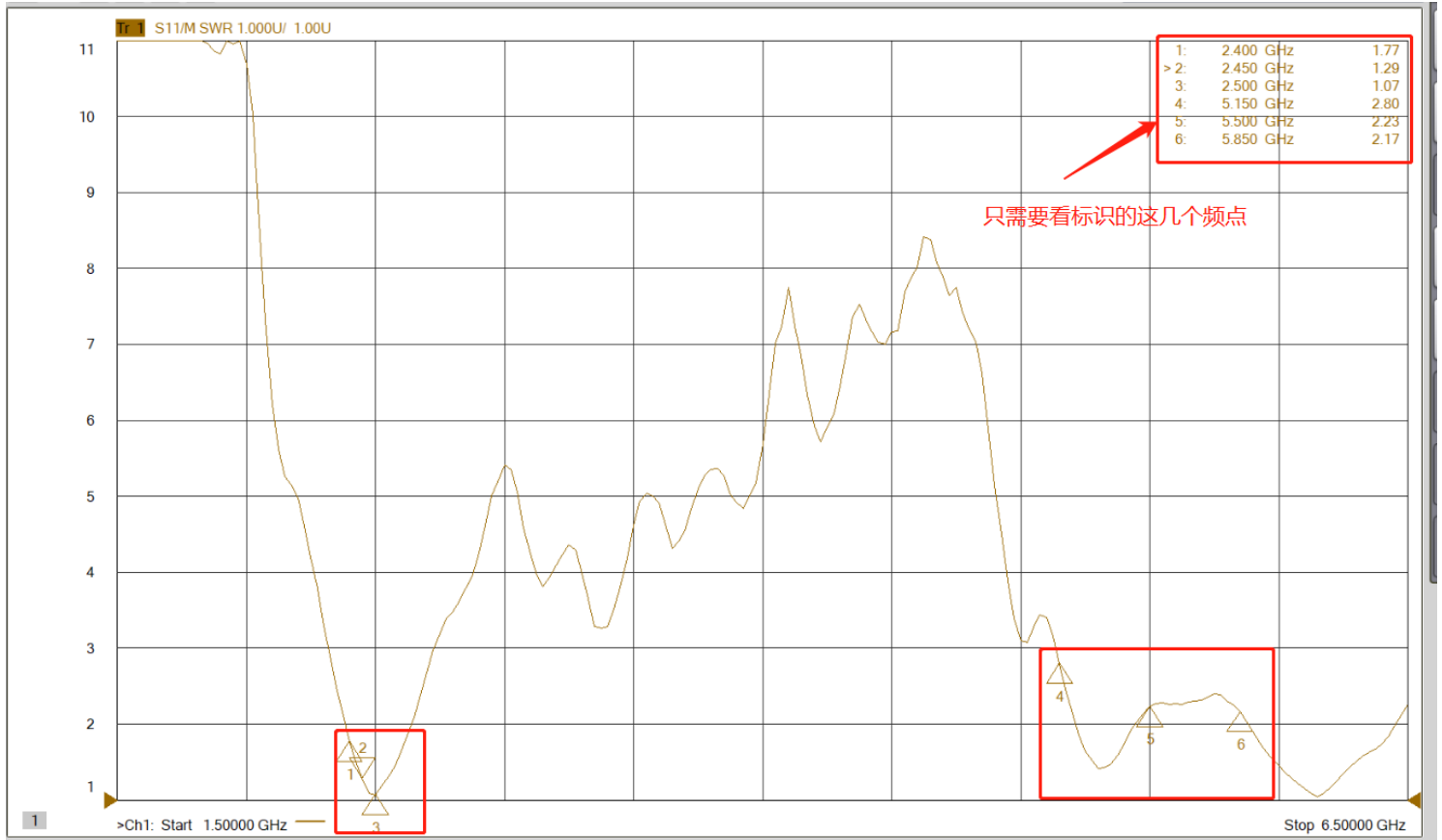
Be-Comfortable
得自在

深圳市得自在科技有限公司
SHEN ZHEN BE-COMFORTABLE,LTD

Third Angle		Project	B17	Date	2022-06-14	
0~10	±0.05	Part Name	WiFi-B天线	Designed by	王烈安	
10~18	±0.10	Part No.	N12-6823-ROB	Checked by	张斌	
18~30	±0.12	Material	/	Approved by		
30~40	±0.15	DWG No.	N12-6823-ROB	Unit	mm	Scale
40~	±0.20	Location		Scale	1:1	Rev
						B

4. S11

大货检测对比承认样品只需要检测下图标识的几个频点



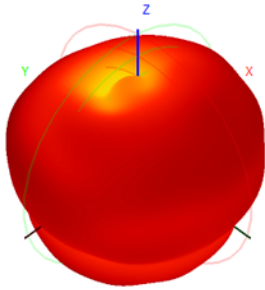
5. 增益/效率/3D图(Gain & Efficiency & 3D Pattern)

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)	2.29	1.40	1.18	1.36	2.29	2.77	2.55	2.08	1.85	1.67	1.68
Efficiency (%)	72.04	68.24	63.06	61.90	63.88	63.51	63.17	65.05	69.68	68.89	69.63

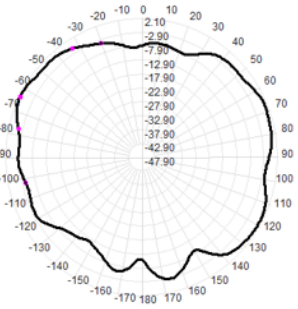
Frequency ID	12	14	16	17	19	20	21	22	25	26
Frequency (MHz)	5150.0	5250.0	5350.0	5400.0	5500.0	5550.0	5600.0	5650.0	5800.0	5850.0
Gain (dBi)	2.97	2.95	2.85	3.36	2.95	3.83	3.20	2.47	1.46	1.25
Efficiency (%)	55.64	57.08	59.30	61.76	56.50	66.54	57.25	48.72	50.97	50.95

3D Pattern @2400-2500/5150-5850MHZ

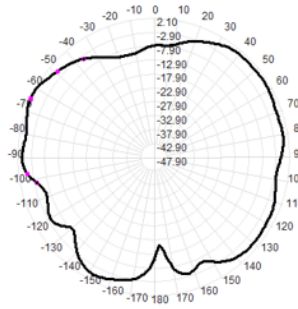
2400MHZ



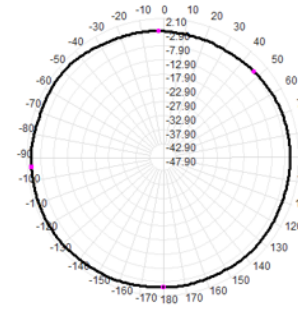
XZ



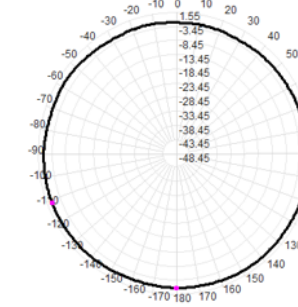
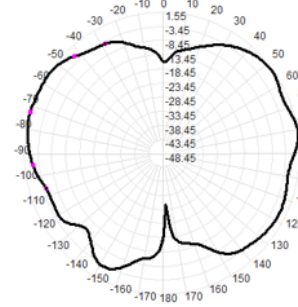
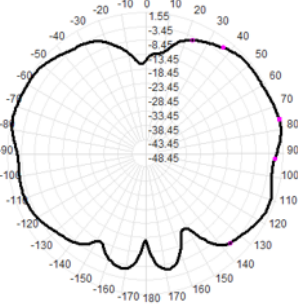
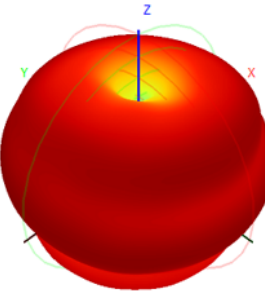
YZ



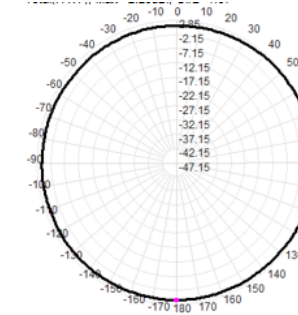
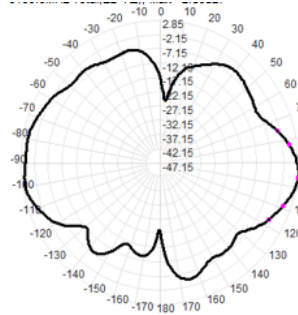
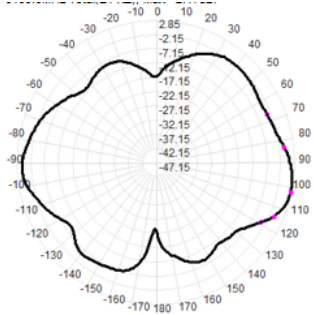
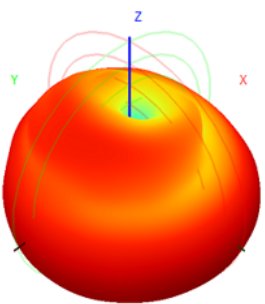
XY



2500MHZ



5150MHZ



5850MHZ

