

# 规格承认书

## SPECIFICATION FOR APPROVAL

客户 Customer	B17
项目名称 Project Name	
客户料号 Customer NO.	62.04.040.0020A
规格 specification	WIFI-L
供方料号 Supplier NO.	N12-6822-R0C
规格书编号 Specification NO.	
编写人 Write by	张斌
版本 REV.	Ver.1
日期 Date	2023/7/31
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
周洪亮	张斌	李一敬



## 1. 承认书项目表 (Index)

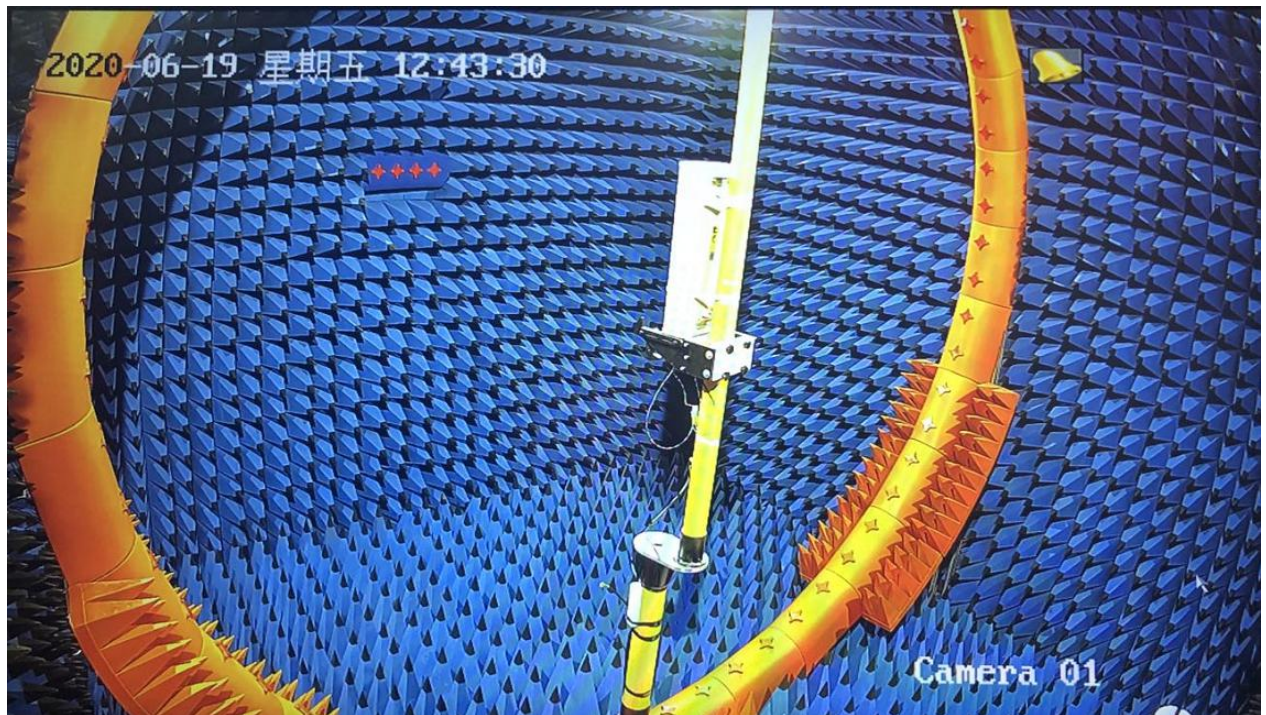
Serial number	content	pagination
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## 2. 试验设备和条件(Test Equipment & Conditions)

2.1. **Network Analyzers** : KEYSIGHT P5002A

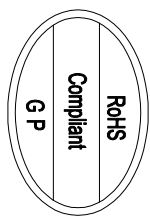
2.2. **Communications Test Set**: R&S CMW 500

2.3. **3D Chamber Test System**: 64 Probe test system



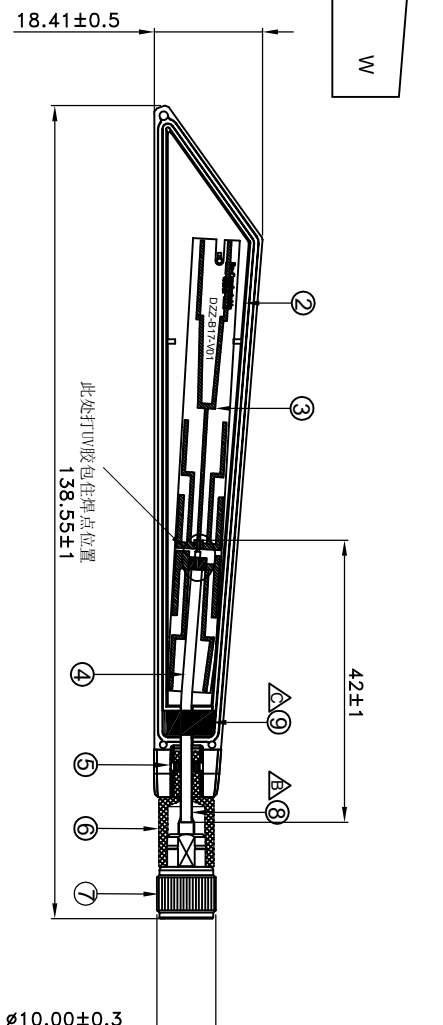
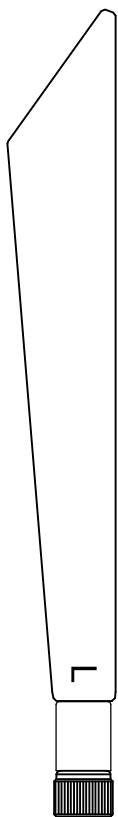
### 3. 样机结构说明件(Mechanical instruction)





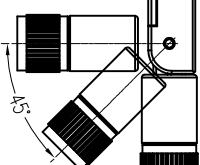
客户料号：62.04.040.0020A

Rev	Description	Date	Remark
A	New drawing		
B	修改带胶热缩管长度为6MM	2022-10-19	
C	更换防水垫，并去除下壳防水垫顶部两侧筋位	2023-06-21	



- 技术要求：
- 标“\*”尺寸为重点管控尺寸；
  - 未标注尺寸依照图纸；
  - 防水标准：20CM水深，浸泡24H不进水；
  - 所有部件需符合RoHS要求；
  - 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 扭力标准:300-700,+50/-0gT.cn	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 A	PC+ABS 防火/客供物料	1	
1		上盖-A	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

2023-08-08

0~10 ±0.05

Part Name

WiFi-A天线

Designed by

李从放

10~18 ±0.10

Part No.

N12-6822-R0C

Checked by

MID

18~30 ±0.12

Material

/

Approved by

张斌

30~40 ±0.15

DWG No.

N12-6822-R0C

Unit

mm

40~ ±0.20

Scale

1:1

Rev

B

Location

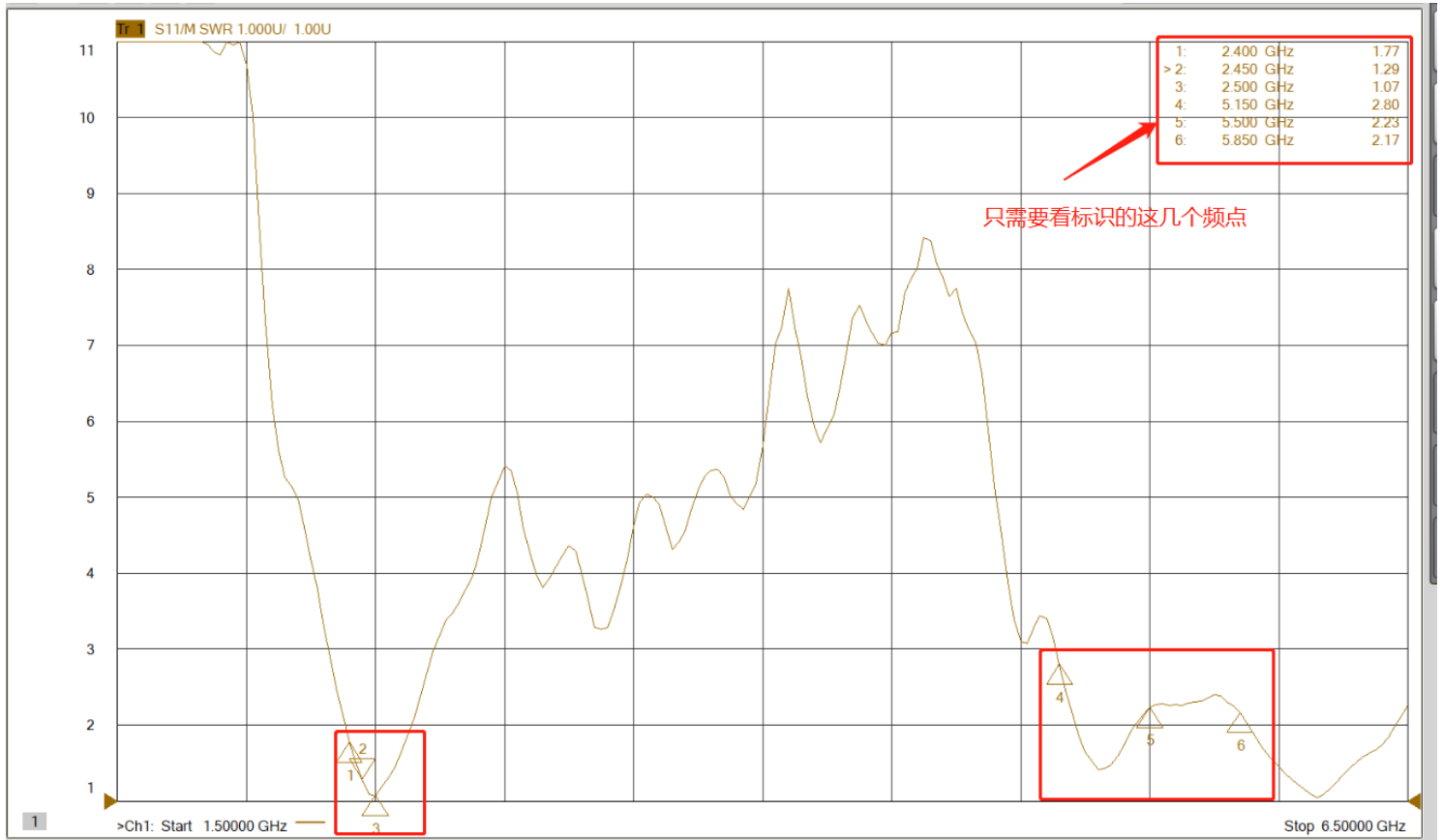
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7

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#### 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



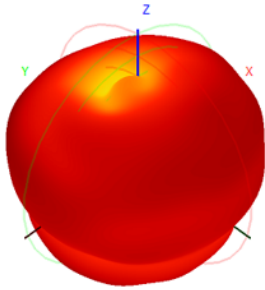
#### 5. 增益/效率/3D图(Gain & Efficiency & 3D Pattern)

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

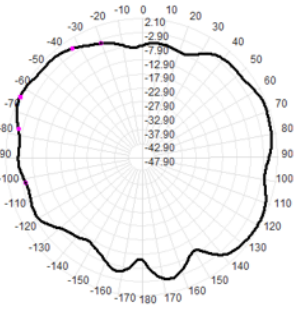
Frequency ID	12	14	16	17	19	20	21	22	25	26
Frequency (MHz)	5150.0	5250.0	5350.0	5400.0	5500.0	5550.0	5600.0	5650.0	5800.0	5850.0
Gain (dBi)	2.97	2.95	2.85	3.36	2.95	3.83	3.20	2.47	1.46	1.25
Efficiency (%)	55.64	57.08	59.30	61.76	56.50	66.54	57.25	48.72	50.97	50.95

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

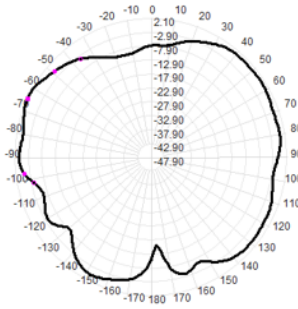
2400MHZ



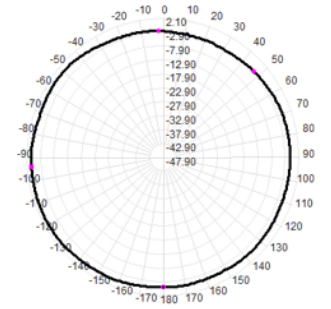
XZ



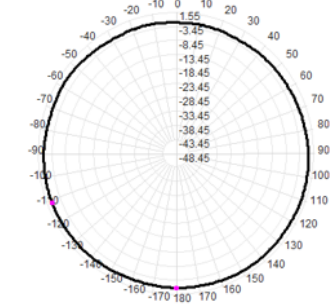
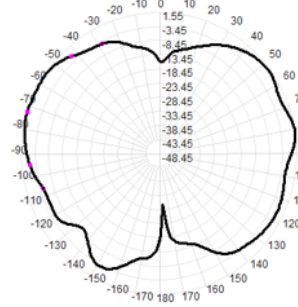
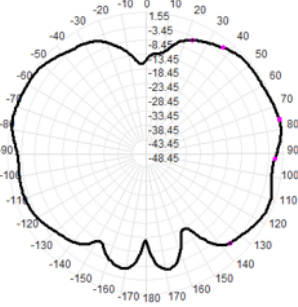
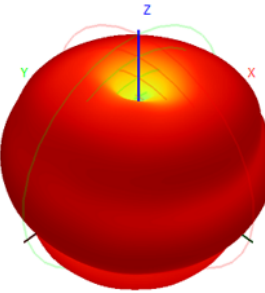
YZ



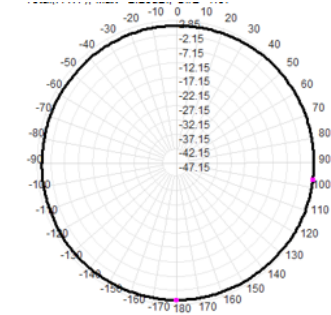
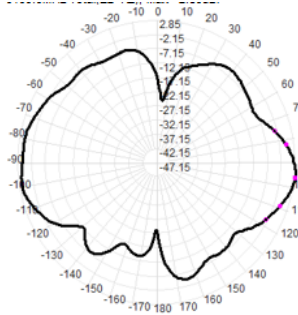
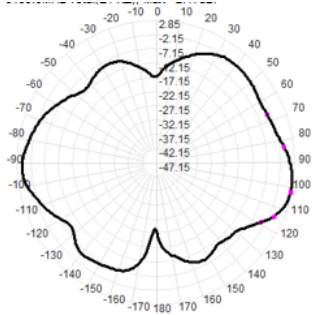
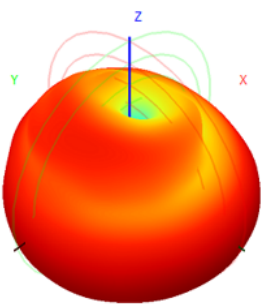
XY



2500MHZ



5150MHZ



5850MHZ

