

## 规 格 承 书

### SPECIFICATION FOR APPROVAL

客 户 <b>Customer</b>	百川
项目名称 <b>Project Name</b>	C10
客户料号 <b>Customer NO.</b>	54.07.001.0054
规格 <b>specification</b>	2.4G/5.8G wifi天线
供方料号 <b>Supplier NO.</b>	N12-6760-ROA
规格书编号 <b>Specification NO.</b>	
编写人 Write by	张明超
版本 <b>REV.</b>	Ver.1
日期 <b>Date</b>	2020/12/2
备注 <b>Note</b>	

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

## 1. 承认书项目表 (Index)

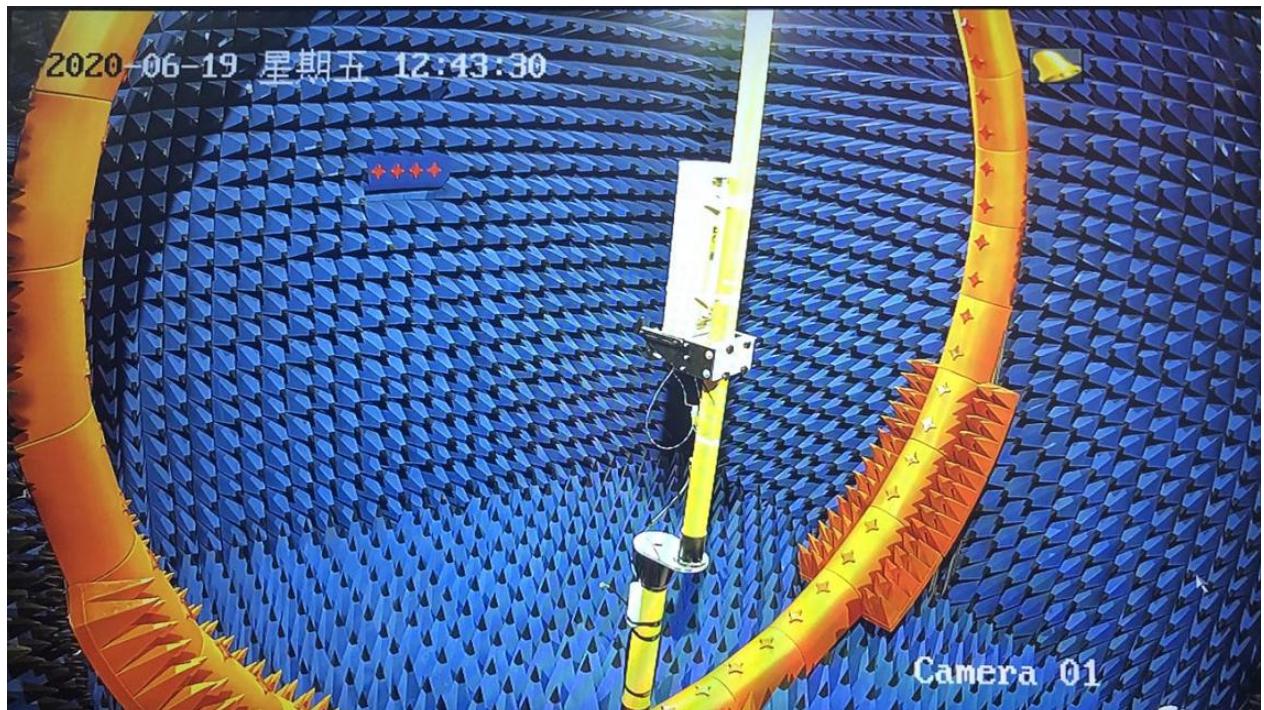
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## 2. 试验设备和条件(Test Equipment & Conditions)

**2.1. Network Analyzers : KEYSIGHT P5002A**

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

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

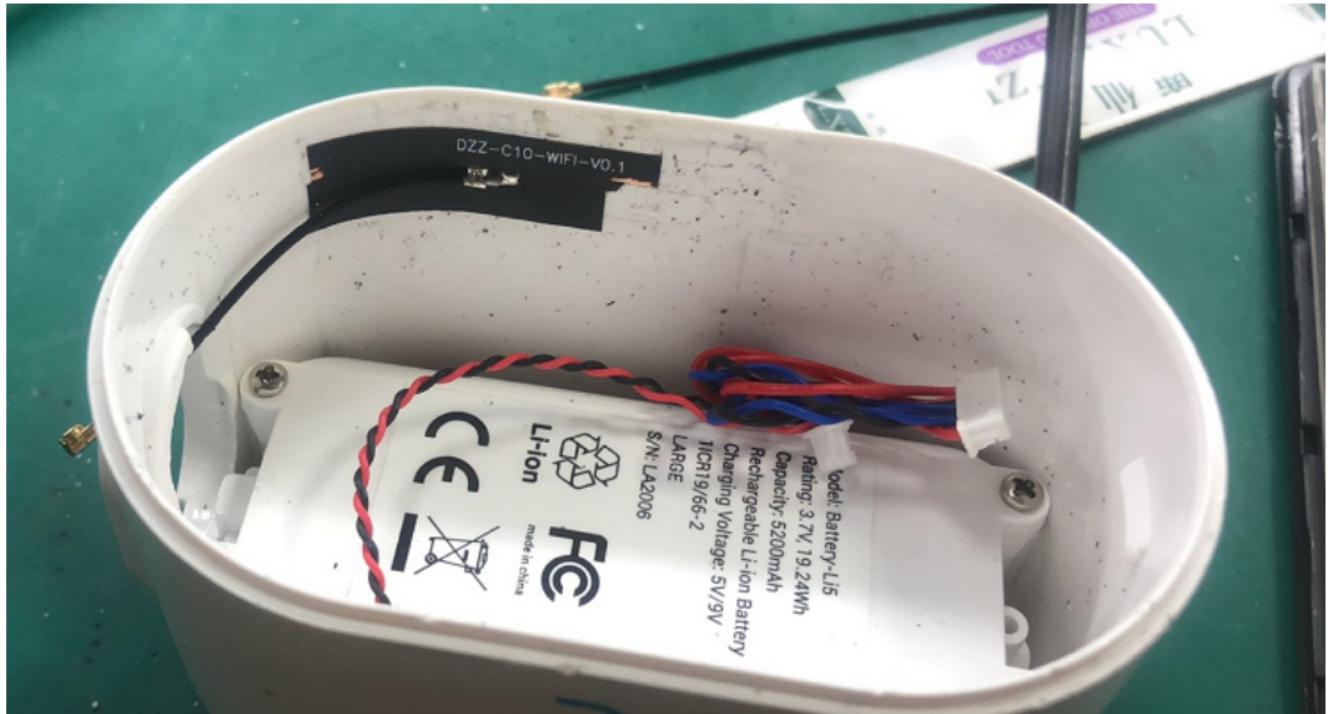


	1	2	3	4	5	6	7	8	
Rev		Description	Date	Remark					
A	New drawing								
A									
C									
B									
B									
端子向侧面									
D									
3	端子	1代	1	0~10 10~18 18~30	±0.05 ±0.10 ±0.12	0.02 0.03 0.02	Part Name WIFI 天线 Part No. N12-6760-R0A	Project C10 Date 2020-10-27 Designed by 吴德秋 D	
2	同轴线	1.13同轴线 黑色	1	30~40	±0.15	0.04	Material /	Checked by RF 张明超	
1	FPC	PI电解铜单面板 黑色	1	40~	±0.20	Angle ±0.5°	Approved by PE	DWG No. N12-6760-R0A	
No.	Part No.	Name	Specification	Amount	Remark	Location	Unit mm	Scale 1:1	Rev B
1				5		6	7	8	

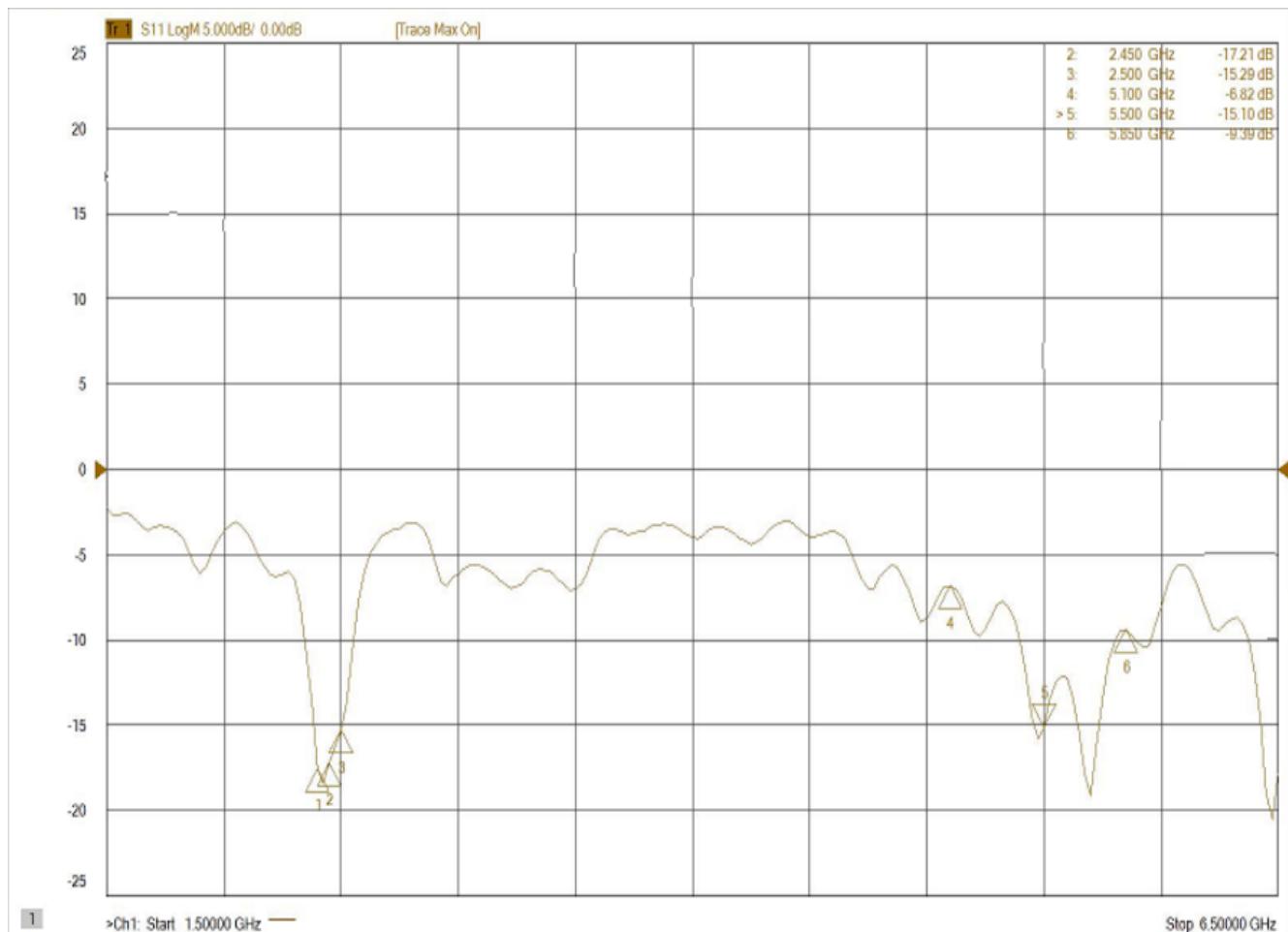
**Be-Comfortable** 深圳市得自在科技有限公司  
SHEN ZHEN BE-COMFORTABLE CO., LTD

- 技术要求:**
1. 标“\*”尺寸为重点管控尺寸;
  2. 未标注尺寸依照图纸;
  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。

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



## 4. VSWR



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

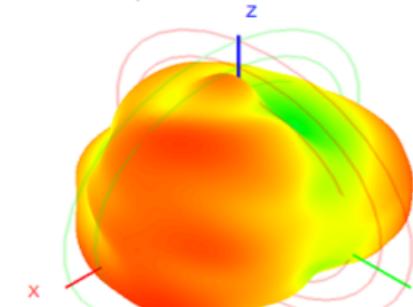
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.23	-2.22	-2.24	-2.25	-2.31	-2.32	-2.31	-2.27	-2.26	-2.24	-2.37
Gain (dBi)	3.35	3.49	3.61	3.74	3.88	4.04	4.11	4.04	3.65	3.48	3.45
Efficiency (%)	59.82	59.96	59.76	59.60	58.75	58.57	58.81	59.27	59.37	59.75	57.91

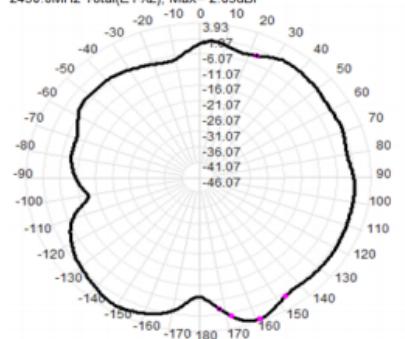
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Frequency (MHz)	2500.0	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Efficiency (dBi)	-2.37	-2.67	-2.84	-2.66	-2.81	-2.70	-2.47	-2.46	-2.35	-2.26	-2.14	-2.06	-2.01	-2.11	-2.04	-2.00
Gain (dBi)	3.45	4.35	3.88	3.77	3.14	2.43	2.68	2.24	2.32	2.20	2.29	2.37	2.42	2.60	2.86	2.83
Efficiency (%)	57.91	54.05	51.97	54.21	52.33	53.71	56.60	56.79	58.27	59.45	61.07	62.25	63.02	61.56	62.46	63.17

3D / 2D

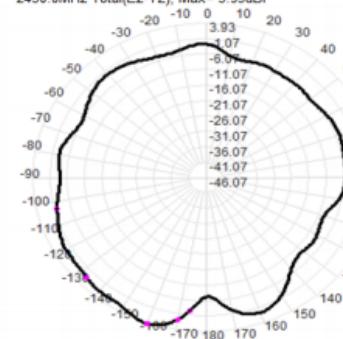
2450.0MHz H+V, Eff: 58.6%



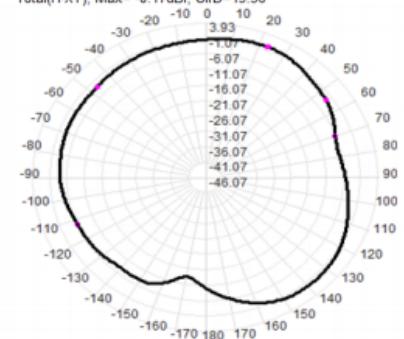
2450.0MHz Total(E1-XZ), Max= 2.83dBi



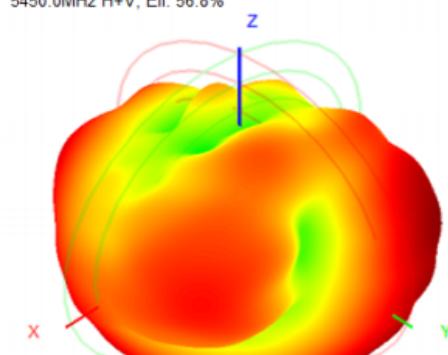
2450.0MHz Total(E2-YZ), Max= 3.93dBi



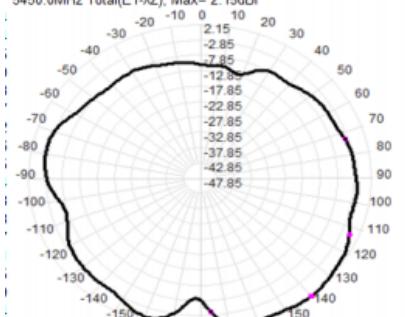
Total(H-XY), Max= -0.17dBi, CirD=13.56



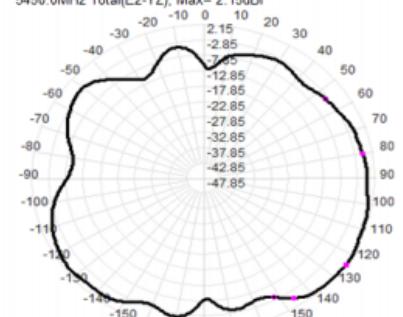
5450.0MHz H+V, Eff: 56.8%



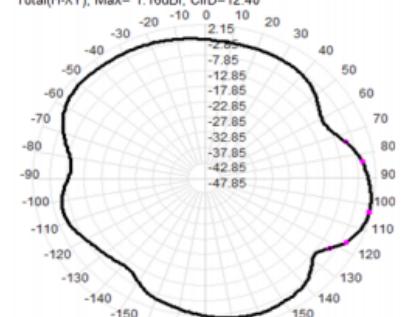
5450.0MHz Total(E1-XZ), Max= 2.15dBi



5450.0MHz Total(E2-YZ), Max= 2.15dBi



Total(H-XY), Max= 1.16dBi, CirD=12.40



日期: 2020-12-02

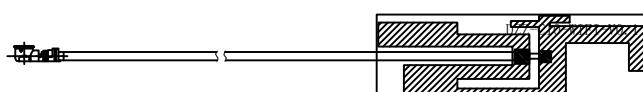
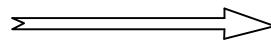
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成品名称 : C10 天线

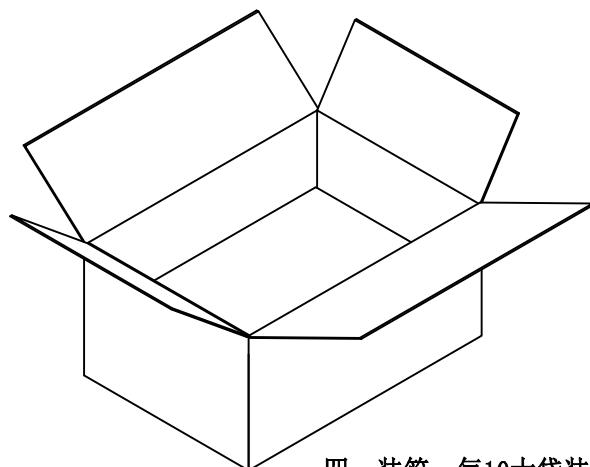
版本: A

客户: 百川

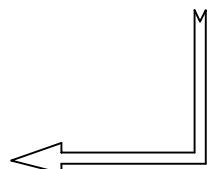
一: 成品天线



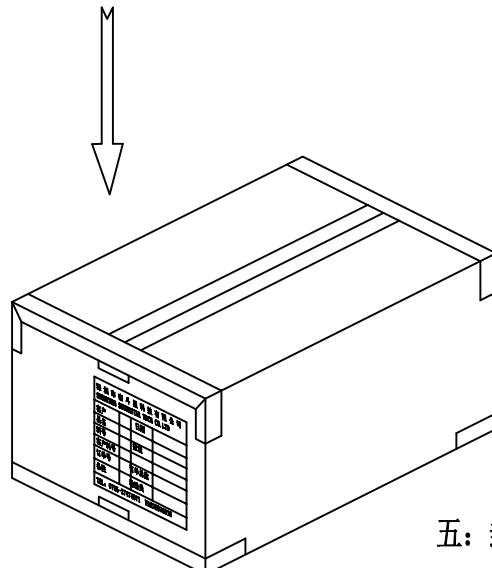
二: 装袋, 每PE袋装50PCS产品,  
(以实际包装为准)。



三: 装袋, 每大PE袋装10小袋。  
左右分开包装。



四: 装箱, 每10大袋装一箱,  
一箱共5000PCS产品(以实际包装为准)。



五: 封箱, 外箱贴我司生产标签和ROHS标签。

批准: \_\_\_\_\_

确认: \_\_\_\_\_

拟制: 吴德秋