

A

承认书

PPROVAL SHEET

客 户
Customer name

乔安

客户料号

X. 800X. C10T24F

Customer P/N

品 名

JA-C10C WIFI天线 频段B/G/N

Article Description

同讯料號

KC. IA. 00369 (A2版增加印字)

TOXU Part No.

承认书号码

A20240726-002

Approval sheet No.

日 期

2022. 10. 17

Date

承认填写栏

供应商确认 (供方填写栏)			客户承认 (需方填写栏)		
工程	品质	批准	工程	品质	
李德文	张克林	Macro			首版确认 2024.08.02
公司盖章:	深圳市同讯精密技术有限公司 2024.07.26		公司盖章:	料号: C.J900.433002F 乔安科技	
日期	资料发行章		日期		
客户批示:			☐ 可接受 ☐ 有条件接受		
备注:					

TOXU

同讯技术

深圳市同讯精密技术有限公司

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POST CODE: 518100

KC.IA.00369 (A2 版增加印字)

Antenna Specification

1. Application:

This application shall apply for antenna unit which shall be used such as automotive, conventional communications, smart home, etc..

1. Electrical Specification:

Those specifications were specially defined for customer's model, and all characteristics were measured under the model's handset testing jig .

2-1. Frequency Band:

Frequency Band	MHz
WIFI 2.4G	2400-2500

2-2. Impedance

50 ohm nominal

2-3. VSWR

2-3-1.Measurement frequency points and VSWR value

Frequency Band(MHz)	2400	2500
2-3-3. Typical Value:	1.4	1.2

UNLESS OTHER SPECIFIED TOLERANCES ON : X=± X.X=± X.XX=± ANGLES=± HOLEDIA=±		 TOXU TECHNOLOGY CO., LTD.
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2-3-4 Measuring Method

1. A 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the VSWR.
2. Keeping this jig away from metal at least 20 cm

2-3-5 Picture



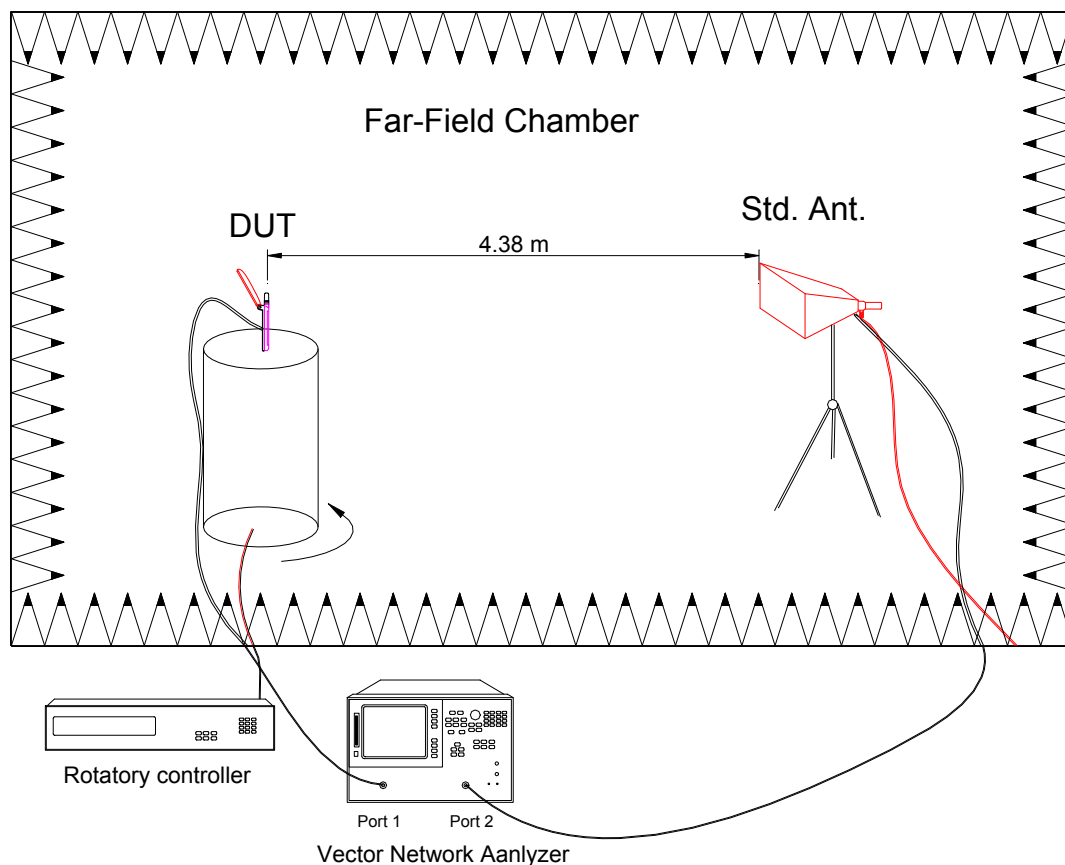
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2-4. Efficiency and Gain

4-5.1 Measure method

1. Using a low loss coaxial cable to link a standard handset jig
2. Fixed this handset jig on chamber's rotator plane
3. Linking jig into network analyzer port and using a probing horn antenna to collect data.
4. Using another standard gain horn antenna to calibrated those data

4-5.2 Chamber definition

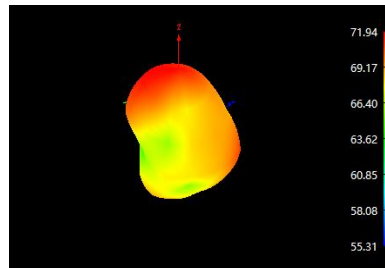
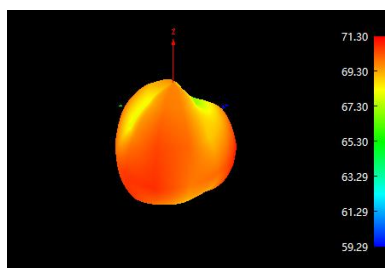
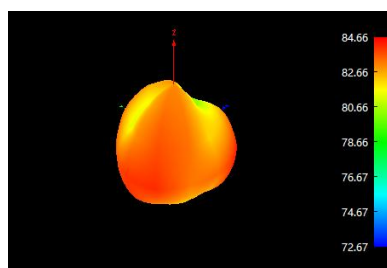
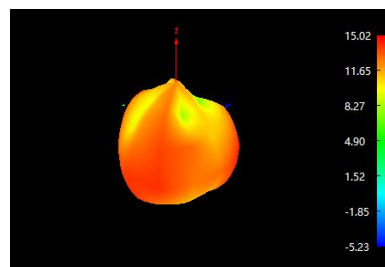
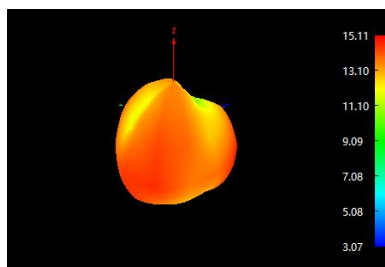
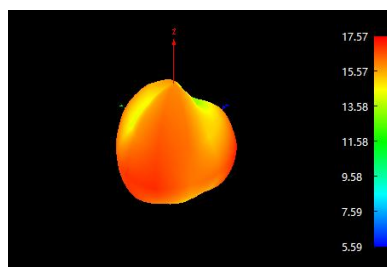


1. An anechoic chamber (7mx4mx3m) which satisfied far-field condition was applied to avoid multi-path effect
2. The quiet room region is 40cmx40cmx40cm at the center of rotator
3. The distance between DUT and standard antenna is 4.38 m
4. Probing antenna (9120D horn antenna) and standard gain horn antenna (BBHA9120 LPF 700MHz ~6GHz)

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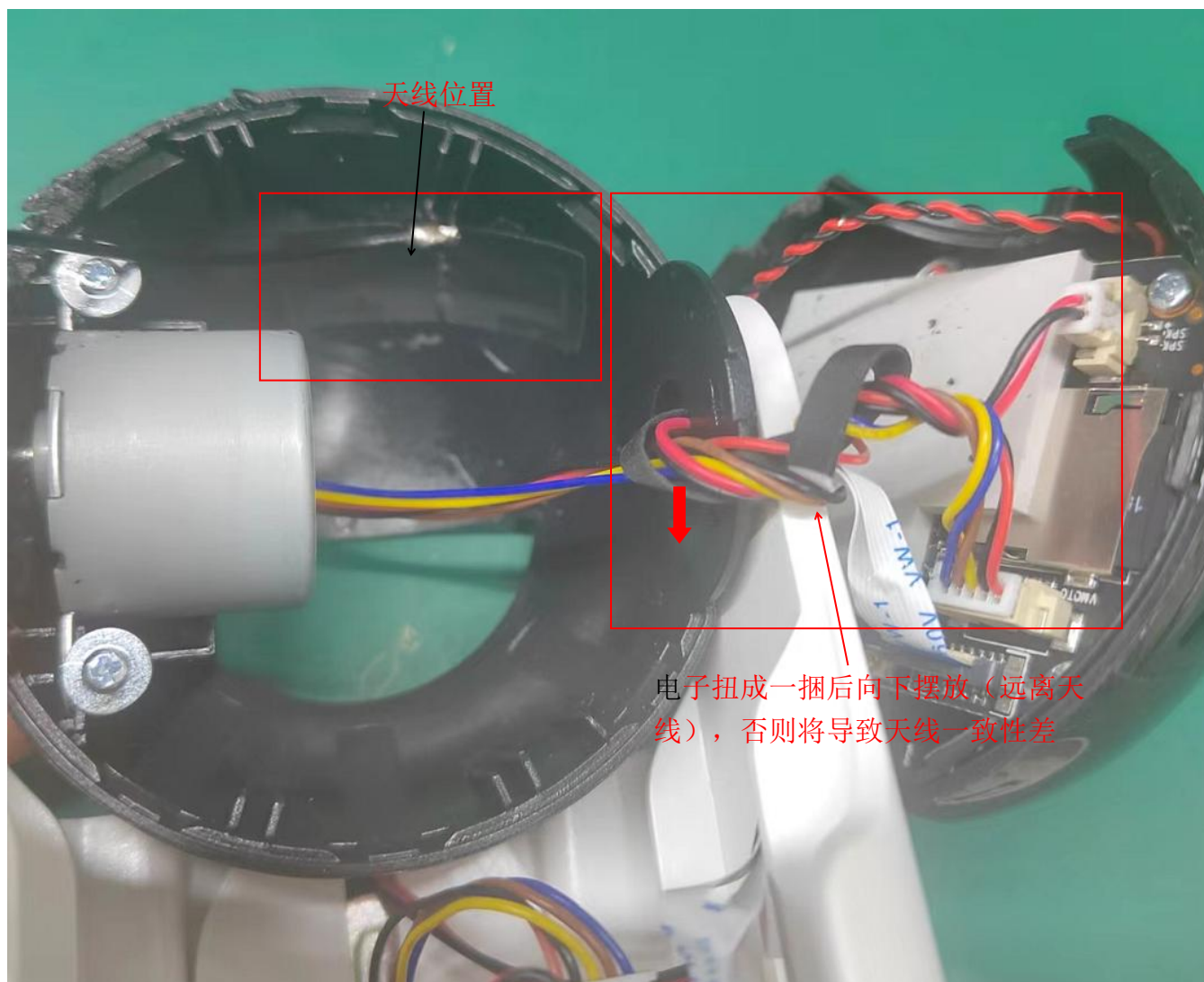
2-4-1 Active test

Band	Max	Min	Total
WIFI_B (11M)	15.82	3.29	14.01
WIFI_B (11M)	17.57	5.59	14.78
WIFI_B (11M)	-72.67	-84.66	-81.87
WIFI_G (54M)	13.21	0.84	11.85
WIFI_G (54M)	15.11	3.07	12.44
WIFI_G (54M)	-59.29	-71.3	-68.62
WIFI_N_ISM (65M)	13.16	0.85	11.14
WIFI_N_ISM (65M)	15.02	-5.23	12.28
WIFI_N_ISM (65M)	-38.38	-71.94	-61.17



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2-4-2 Environmental treatment

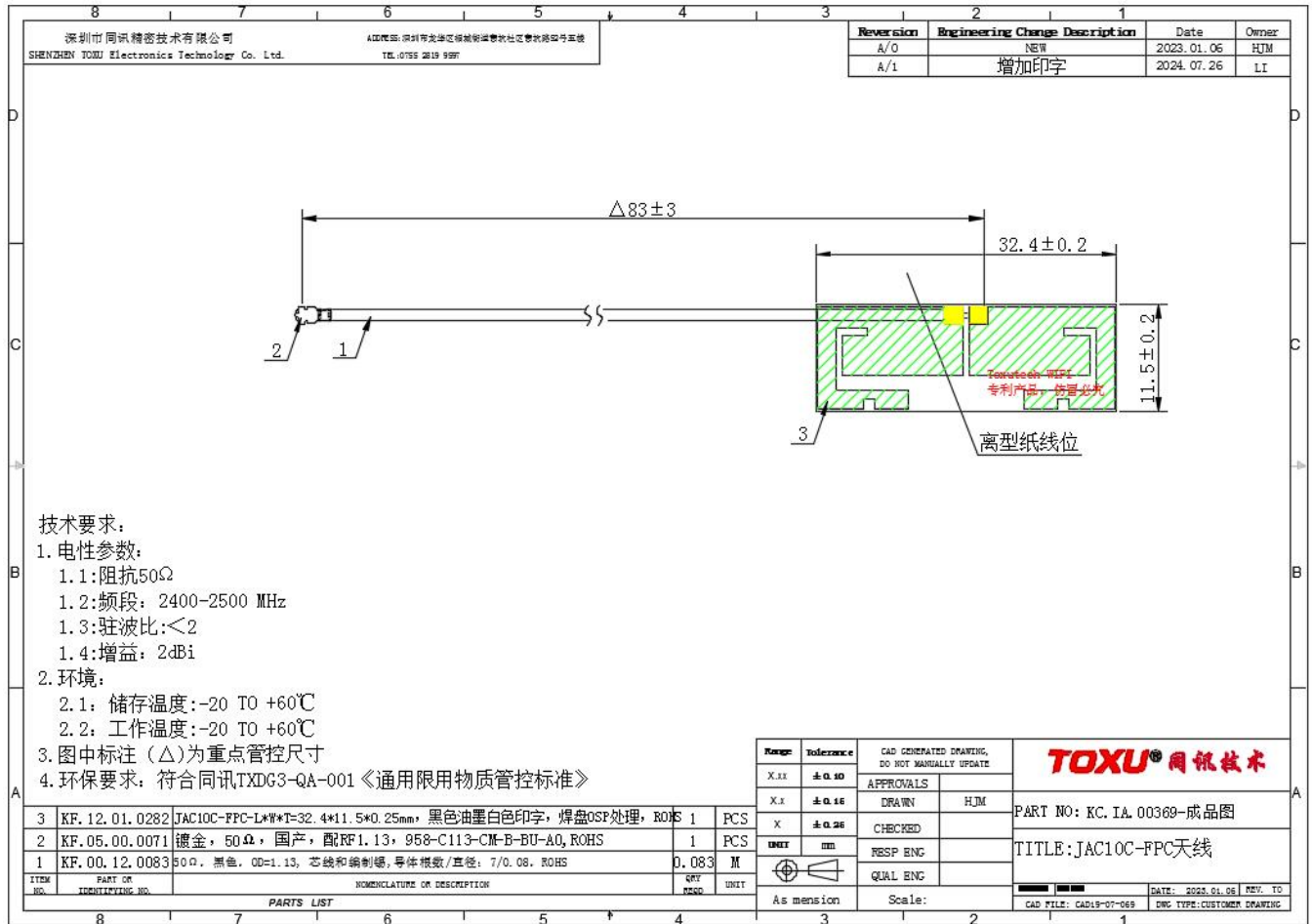


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X.XX=±			
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3. Mechanical Specification:

3-1. Mechanical Configuration (Unit: mm)

The appearance of the antenna is according to drawing



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5.包装规格:

产品料号: **xxx**

产品型号: **xxx**

一、标签要求:

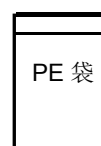
需方	xxx		
供方	xxxxxx		
物料编码	xx		
产品型号	xx		
数量/单	xxx PCS	出厂日期	X 年 X 月 X 日
备注/其他			

二、装箱要求:

作业说明:

1. 内包装:

产品 **XXpcs** 一袋, 放入小 **PE** 袋;

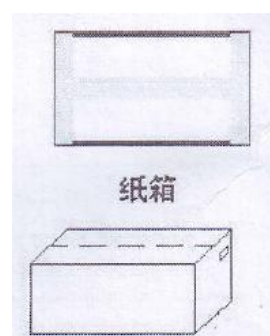


2. 外包装:

XxPCS 一箱;

3. 注意事项:

- 是否要增设隔板、珍珠棉;
- 标签的帖附, 如 **ROHS** 等;



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