

HONANT

Hongji Wireless Communication (Shenzhen) Co., LTD

Specification of parts

Customer name:

Product Model:

OWS

Risuntek P/N:

/

Version:

A0

Prodcut Name:

FPC antenna

Description:

BT2400-FPCB built-in Bluetooth headset antenna

Date:

2023/11/24

(Customer Signatures)

(PM)

(ME)

(QE)

(Our signature)

(QE)

(ME)

(RF)

LILY

Cindy

Jake

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telephone: 0755-28700082

<http://www.honant.com.cn>

catalogue

一、 Prepare/revise the resume

二、 Product drawing

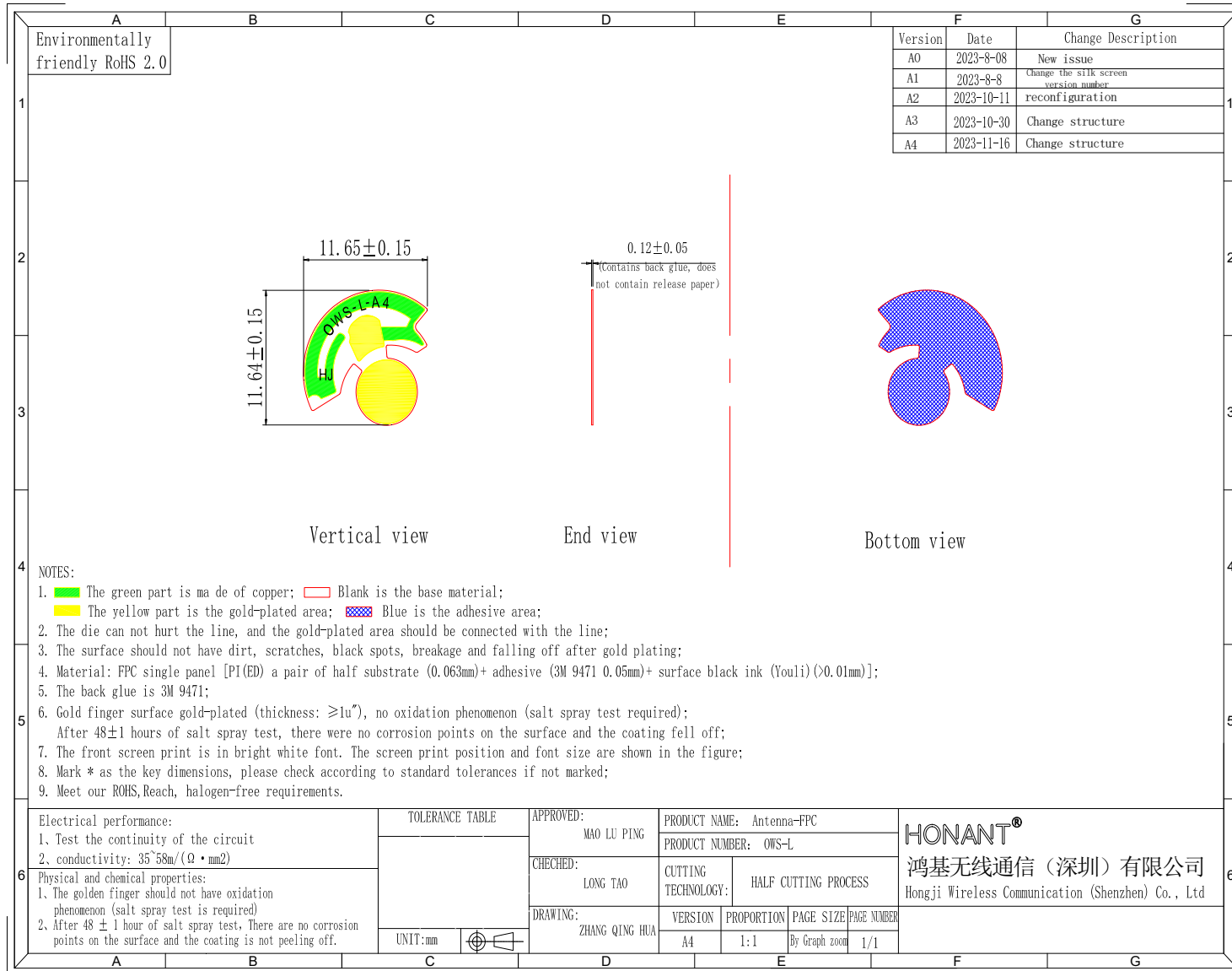
三、 Electrical and mechanical

properties

一、 Prepare/revise the resume

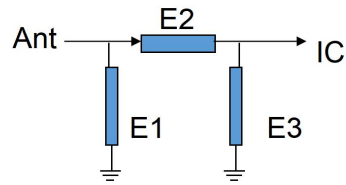
edition	Revision page	Change time	Alteration party	Reason and content of change	remark
A0	—	2023/11/24	Cindy	First version of the antenna form	
A1					
A2					
A3					
A4					
A5					
A6					
A7					
A8					
A9					

二、Product drawing



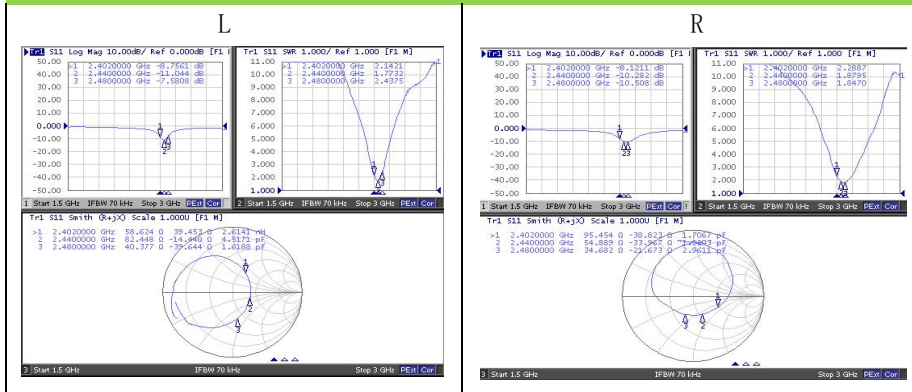
三、Electrical and mechanical properties

1、Match the circuit diagram

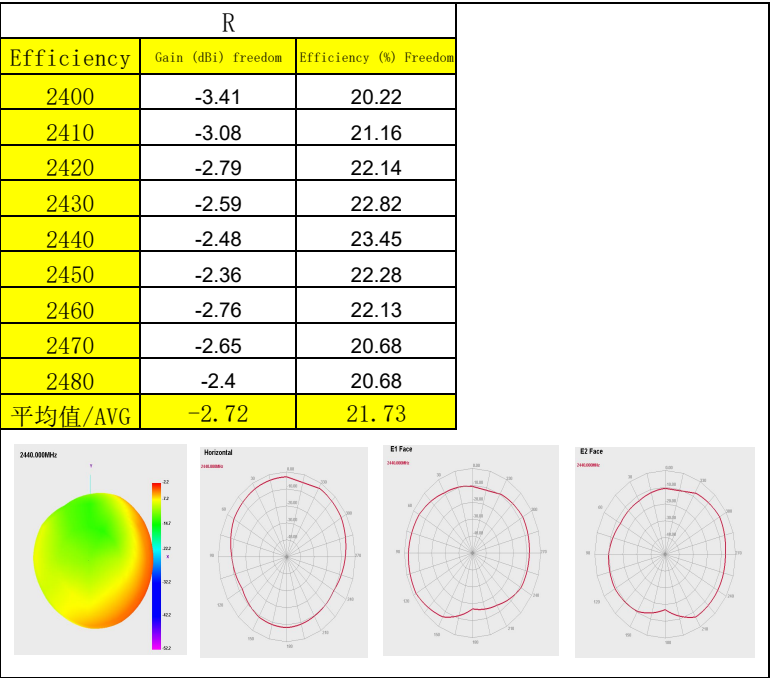
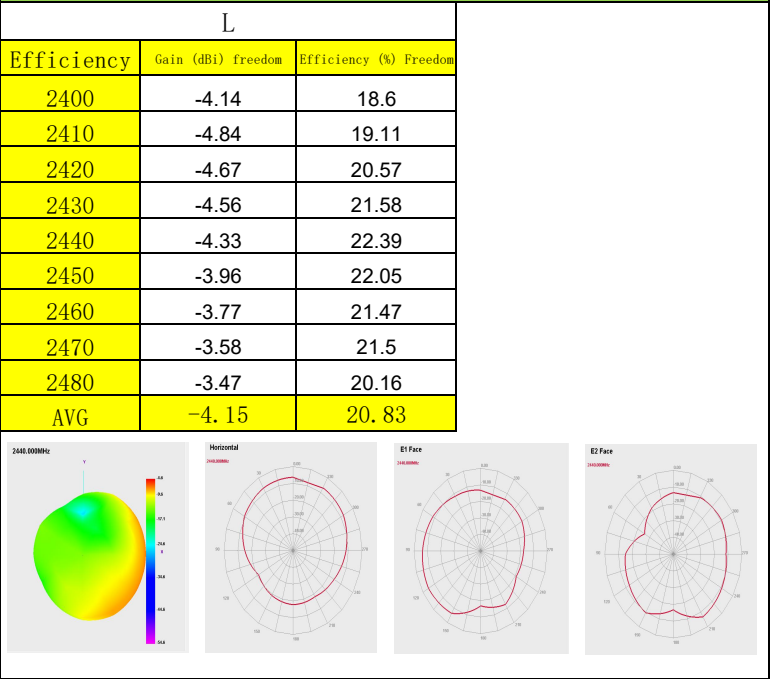


L		R	
Element	Value	Element	Value
E1	1.2nH	E1	1.2nH
E2	0Ω	E2	0Ω
E3	N/C	E3	N/C

2、S11 Parameters



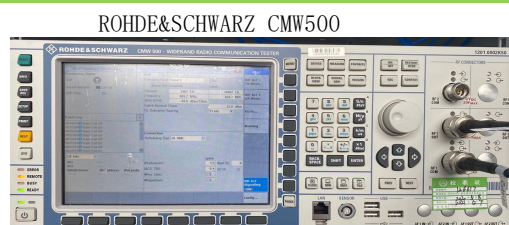
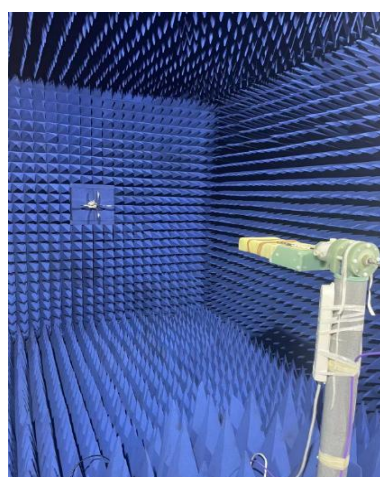
3、Passive efficiency



4、Active OTA data

L	channel	TRP (dbm)	TRP (dBm)
Free space	0	1.89	-86.95
	39	2.29	-87.58
	78	2.54	-87.13
L	channel	TRP (dbm)	TIS (dbm)
Second generation head die	0	-2.59	-81.7
	39	-2.37	-82.48
	78	-2.2	-82.56
R	channel	TRP (dbm)	TRP (dBm)
Free space	0	2.04	-87.59
	39	2.85	-88.19
	78	3.27	-88.25
R	channel	TRP (dbm)	TIS (dbm)
Second generation head die	0	-2.36	-81.89
	39	-2.85	-82.52
	78	-2.67	-82.04

5、Test equipment



Agilent Technologies E5071B

