

承认书

SPECIFICATION FOR APPROVAL

客户名称 (CUSTOMER NAME): 奥尼电子

客户料号 (CUSTOMER NAME):

产品名称 (PART NO.) : S2B4BC3F1B04006

送样日期 (SEND DATE.) :

新品承认 (Newly Approved) :

环保要求:

RoHS: ☐ 不要求 ☒ 符合 ROHS ☐ 其他:

REACH: ☐ 不要求 ☒ 符合 REACH ☐ 其他:

卤素限制: ☐ 不要求 ☐ 其他:

出厂签章:

RD/研发部	ED/工程部	QA/品质部	SD/销售部	APPROVED/批准
承认签章:				

RD/研发部	ED/工程部	QA/品质部	SD/销售部	APPROVED/批准

注: 此承认书一式三份按照左至右顺序签署。

敬请确认此承认书所有项目, 并签名和盖章后回签一份给我司。以作我司产品制作和存档之用, 多谢合作。

Scale :	Unit : mm	Tolerances (Unless otherwise specified) X : ± 1 X.X : ± 0.1 0.1 X.XX : ± 0.01	深圳市福伯特电子有限公司 Shenzhen Fbetter Electronic Co.,Ltd ADD: Introduction Building 6F, Xinan Street 71, Baoan District, Shenzhen, Guangdong, China
Drawn By : Chris	Checked By : Nick		
Designed By :Cary	Approved By :Hank		

WIFI FPCB Antenna (B238HX)

1. Product Description:

(1) Product Categories:

B4: WIFI Antenna

(2) Antenna type:

FPC

(3) Dimensions:

C3 : 16.03*11.19*0.22

(4) Material:

F:

(5) Working Frequencies:

1B: 2.4G-2.5G

(6) Antenna Series:

01: Serial number

(7) RF Cable Loss / 引出射频线的线损 0.5(dB)

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2. Features

- *Stable and reliable in performances
- *RoHS compliance
- *Low cost

3. Applications

*WIFI IEEE802.11

4. Description

* Unictron's FPCB antenna series are specially designed for 2.4G-2.5G band application. Based on Unictron's proprietary designs and processes, this FPCB antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Antenna Electrical Specifications :

Characteristics	Specifications			Unit
Outline Dimensions	16x12X0.23(mm)			mm
Frequency	2400~2500			MHz
Impedance	50			Ω
Polarization	Linear Polarization			
Return Loss Table	Return Loss			
Freq.Band	2.4G Hz	2.45G Hz	2.5G Hz	
dB	-16.98	-29.81	-17.34	
VSWR Table	VSWR			
Freq.Band	2.4G Hz	2.45G Hz	2.5G Hz	
	1.32	1.08	1.29	
GAIN Table	Total Gain = Xpol + Ppol			
Freq.Band	2400MHz	2450MHz	2485MHz	2500MHz
R Peak Gain(dBi)	-2.24	-1.88	-2.38	
L Peak Gain(dBi)	-2.15	-1.98	-2.22	

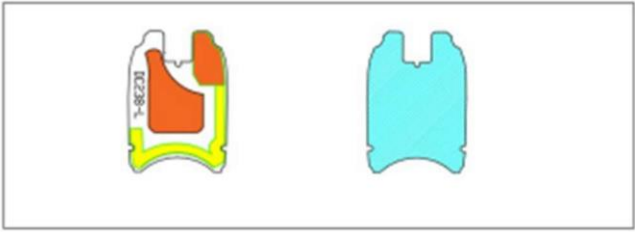
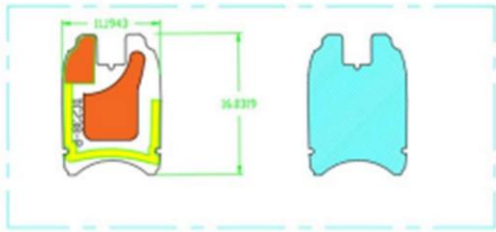
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Dimensions (unit: mm)

B238HX

右天线&触摸片

左天线&触摸片

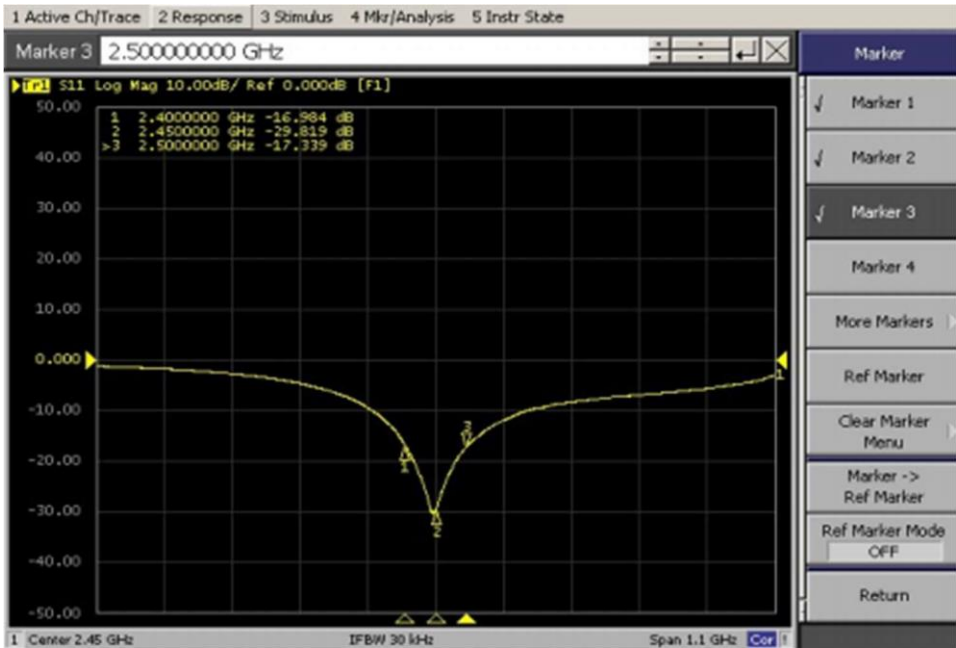


Unit:mm

未标示公差:±0.2

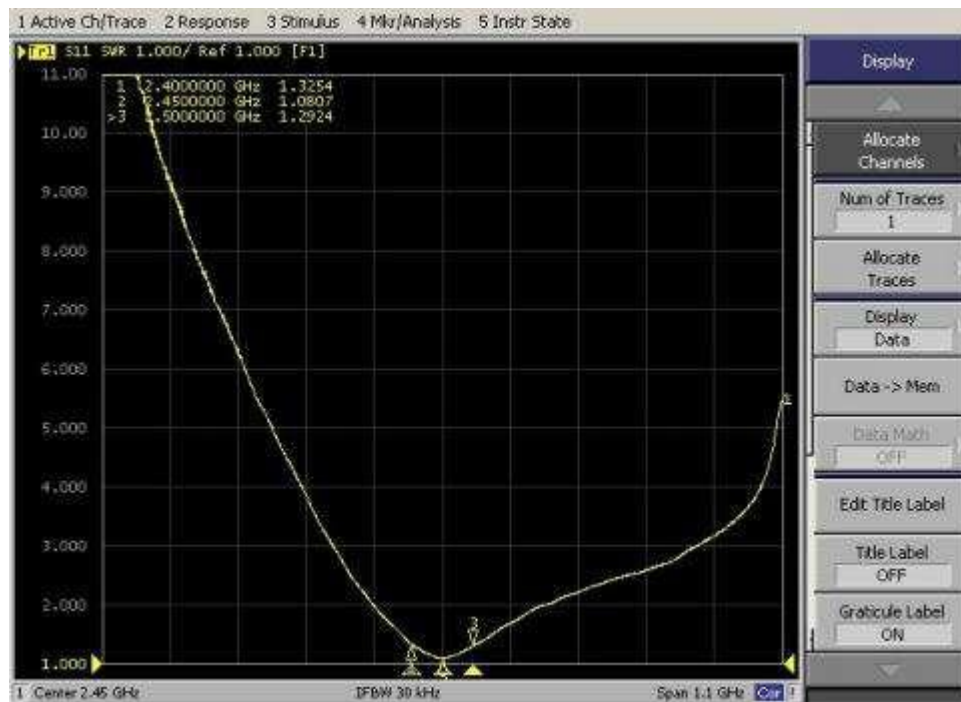
7. Measurement Characteristics:

(1) Return Loss

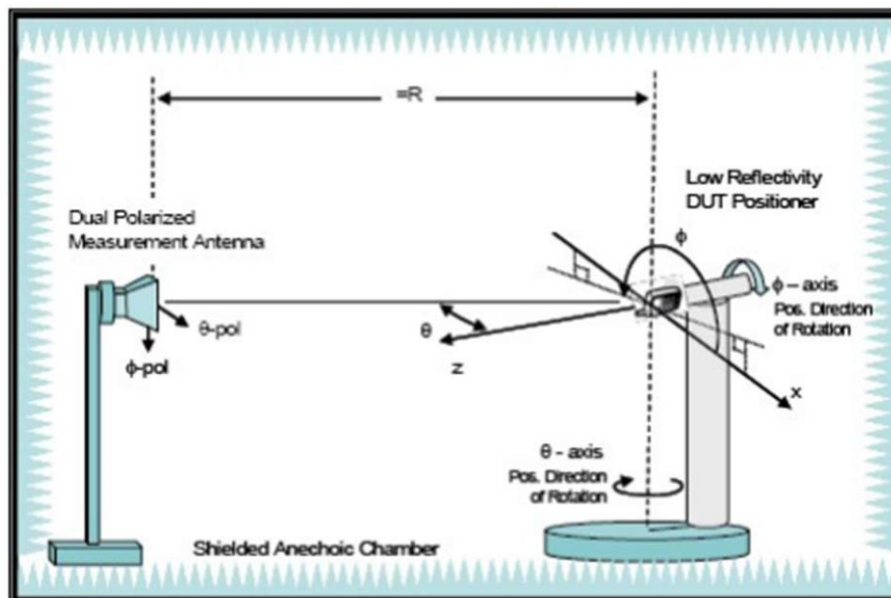


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(2) VSWR



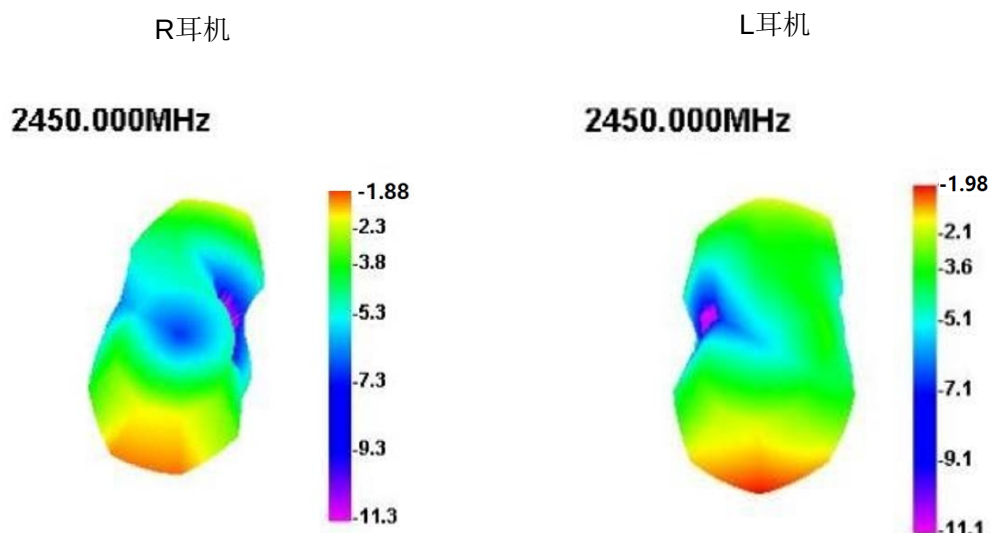
8. Three D Radiation Pattern measurement



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9. Radiation Pattern

9-1.3D Gain Pattern (Radiation Pattern at 2450 MHz)



9-2.3D Gain complete machine (Radiation Pattern at 2450 MHz)

Frequency(MHz)	2400	2420	2450	2460	2480	2500
Efficiency (dB)	-2.22	-1.71	-2.09	-2.13	-2.24	-2.07
Efficiency (%)	27.9	29.3	32	29	28.7	26
R Gain (dBi)	-2.24	-2.15	-1.88	-2.13	-2.32	-2.40
L Gain (dBi)	-2.15	-2.23	-1.98	-2.34	-2.22	-2.15

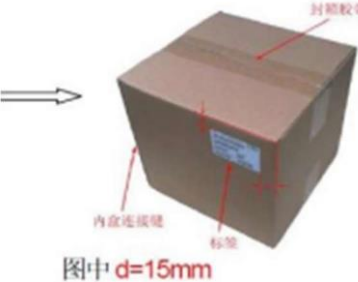
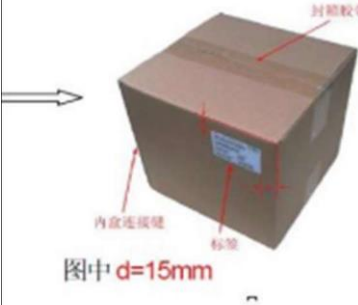
10. Revision Control:

Revision	Date	Content	Remark
A	30.12.2021	New Issued.	N/A

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包装图（填写说明：所插入的图片须清晰可见）

1.包装照片（图片）：

1、单个物料照片或者图片	
	
3、外包装的照片或者图片	
	

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