

Embedded Multi-Band Antenna for WA-F-LE-01-018

1. Explanation of part number :

WA E LE 01 018
 (1) - (2) - (3) - (4) - (5)

- (1) Product Type : Wireless Antenna
- (2) Material : FPCB
- (3) Frequency : 2400~2500/5150~5850/5925~7125 MHz
- (4) Coaxial Cable Type : Black
- (5) Suffix : 018

2. Electrical Specification :

Those specifications were specially defined for **Jura Aux Antenna** model **Multi-Band Antenna**, and all characteristics were measured under the model's handset testing jig.

2-1. Frequency Band :

Frequency Band	MHz
WIFI 6E	2400~2500 、 5150~5850 、 5925~7125 MHz

2-2. Impedance :

50 ohm nominal

2-3. Matching circuit :

None

UNLESS OTHER SPECIFIED TOLERANCES ON :
 X = N/A X.X = N/A X.XX = N/A
 ANGLES = N/A HOLEDIA = N/A



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 黃建榮

CHECKED BY : 鄭榮謀

DESIGNED BY : 劉昌治

APPROVED BY : 謝立庭

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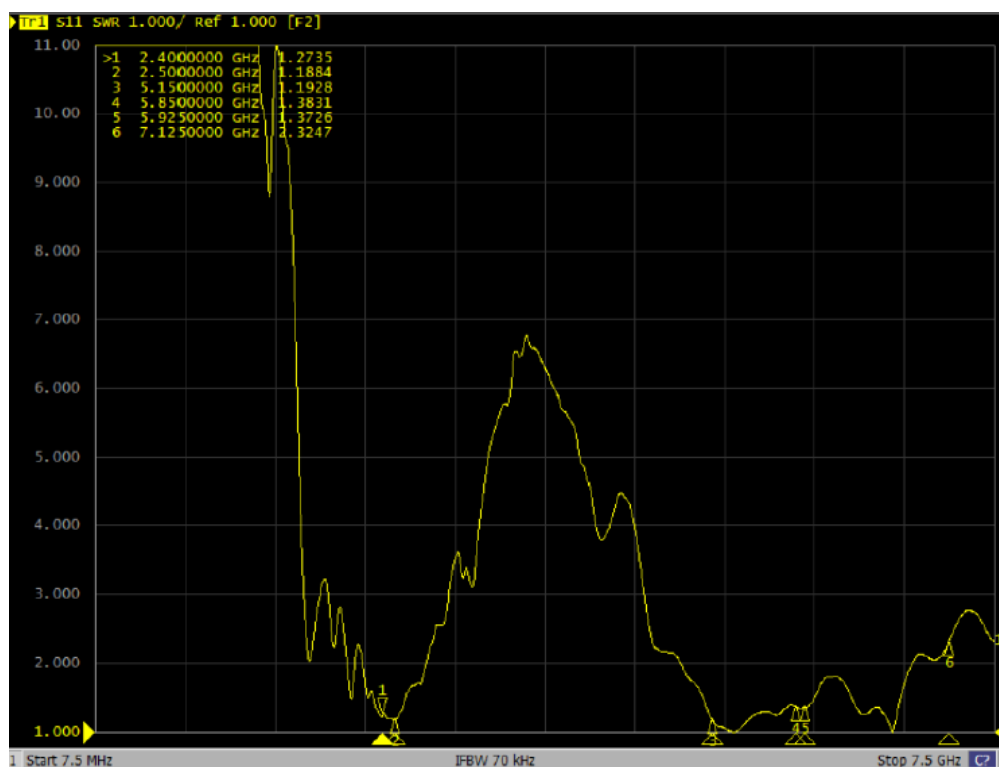
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2-4. VSWR :



2-5. Efficiency & Peak gain :

Frequency (MHz)	Efficiency	Peak gain
2400	50.73	3.08
2450	51.23	3.54
2500	51.09	3.17
5150	48.86	3.29
5500	48.10	3.69
5850	51.05	3.87
6500	50.32	3.60
7000	52.50	3.57
7125	49.15	3.51

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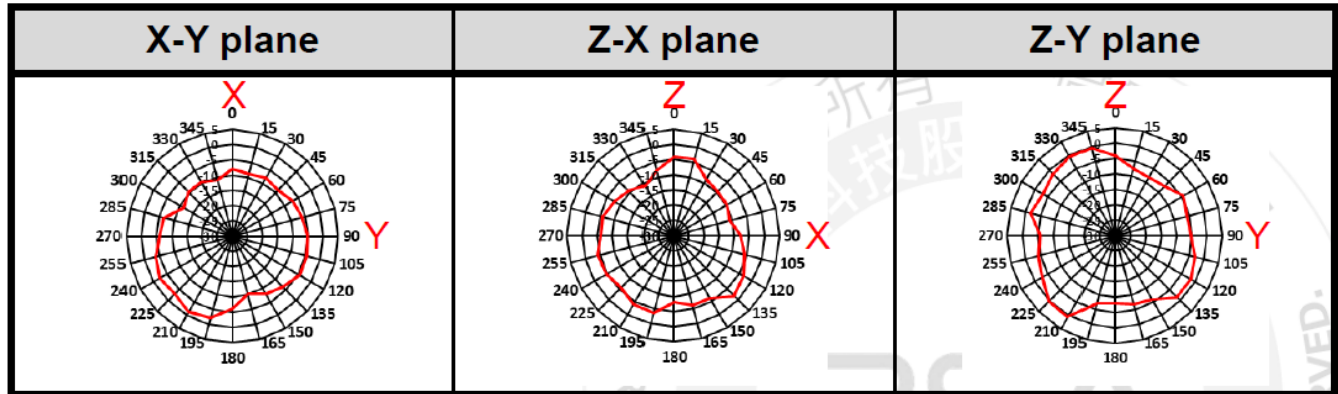
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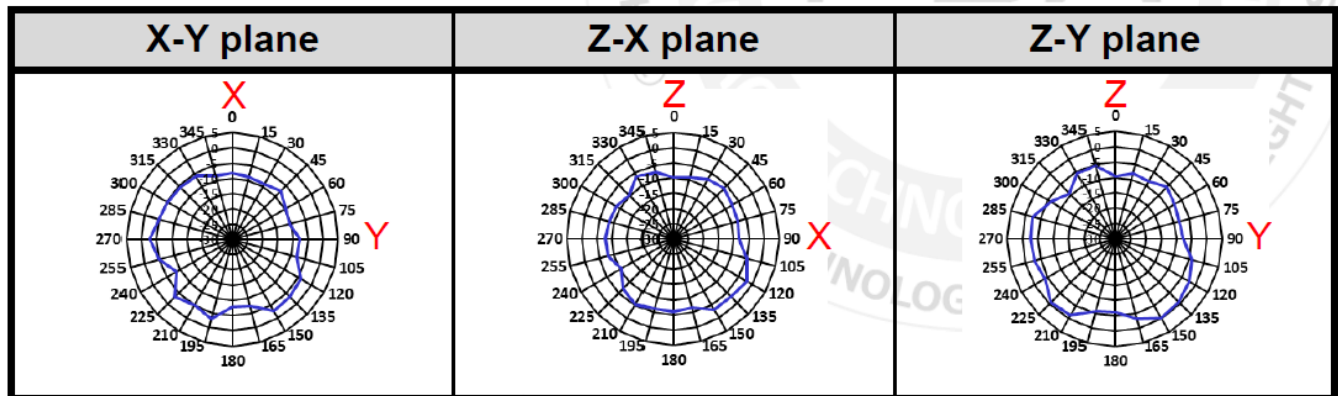
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2-6. 2D radiation pattern :

Aux-2450MHz



Aux-5925MHz



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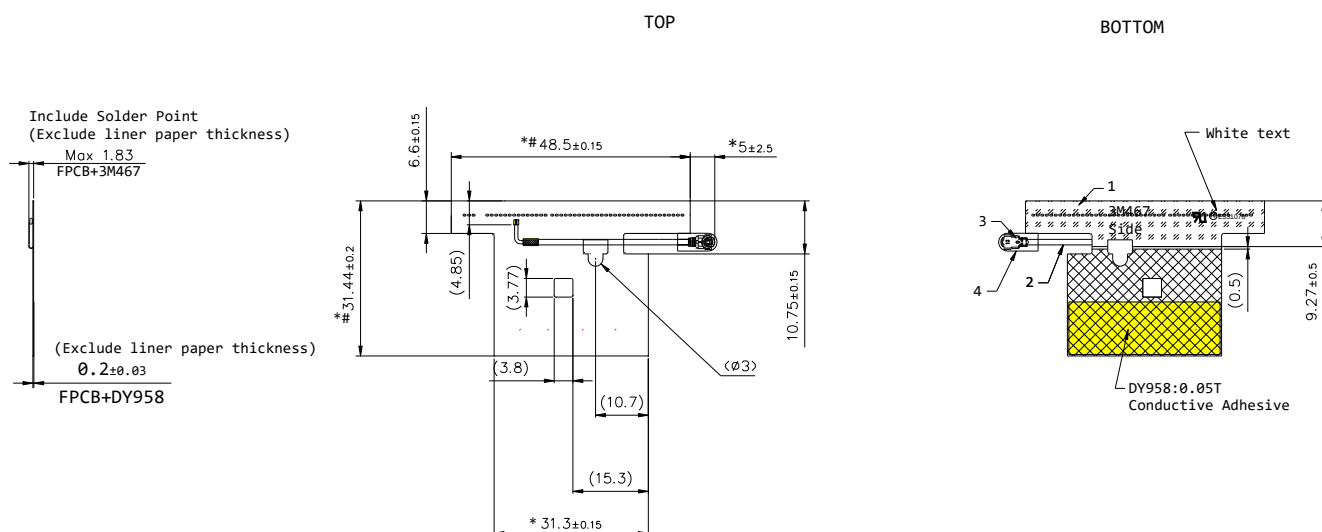
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3. Antenna Drawing :

The appearance of the antenna is according to drawing Figure . 3-1-1



NOTE :

- 外觀標準：依INPAQ檢驗標準出貨。
Appearance standard be mainly with inpaq.
- 工程圖上 "*" 號為重點尺寸標註指示
Mark "*" are the key dimensions.
- 工程圖上 "#" 號為Cpk量測尺寸標註指示
Mark "#" are CPK dimensions.
- IQC & OQC & FQC 只需量測重點尺寸
CPK & KEY dimensions for IQC & OQC & FQC.
- 洋紅色:導通孔
Pink:Via hole
- 黃色:裸銅區, 表面處理:osp
Yellow::Bare copper, surface treatment:osp

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Figure 3-1-1.

ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT
1	Fpcb with adhesive(3M467)	L48.5xW31.44x0.16Tmm	1	PCS
2	Cable	OD1.13mm, LLS, White	1	PCS
3	Connector	I-PEX MHF I	1	PCS
4	Tube/transparent	OD2.5x8mm	1	PCS

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