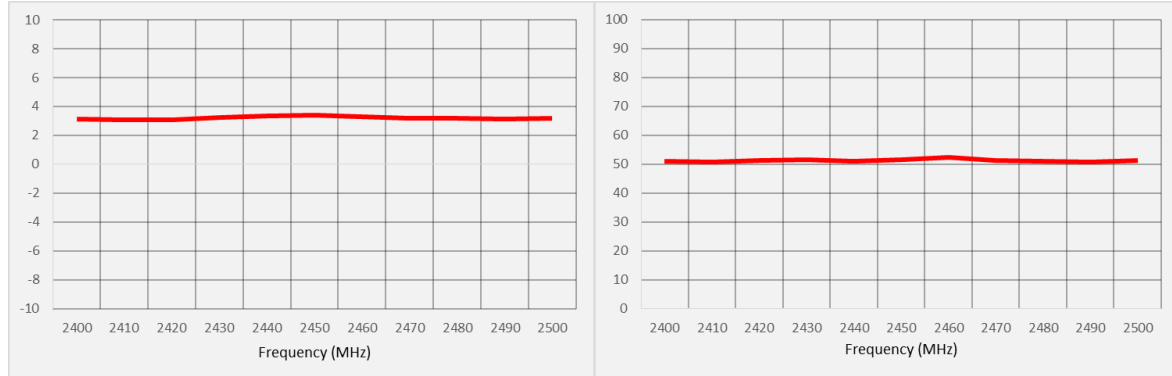


## 2-3. Peak gain and Efficiency :

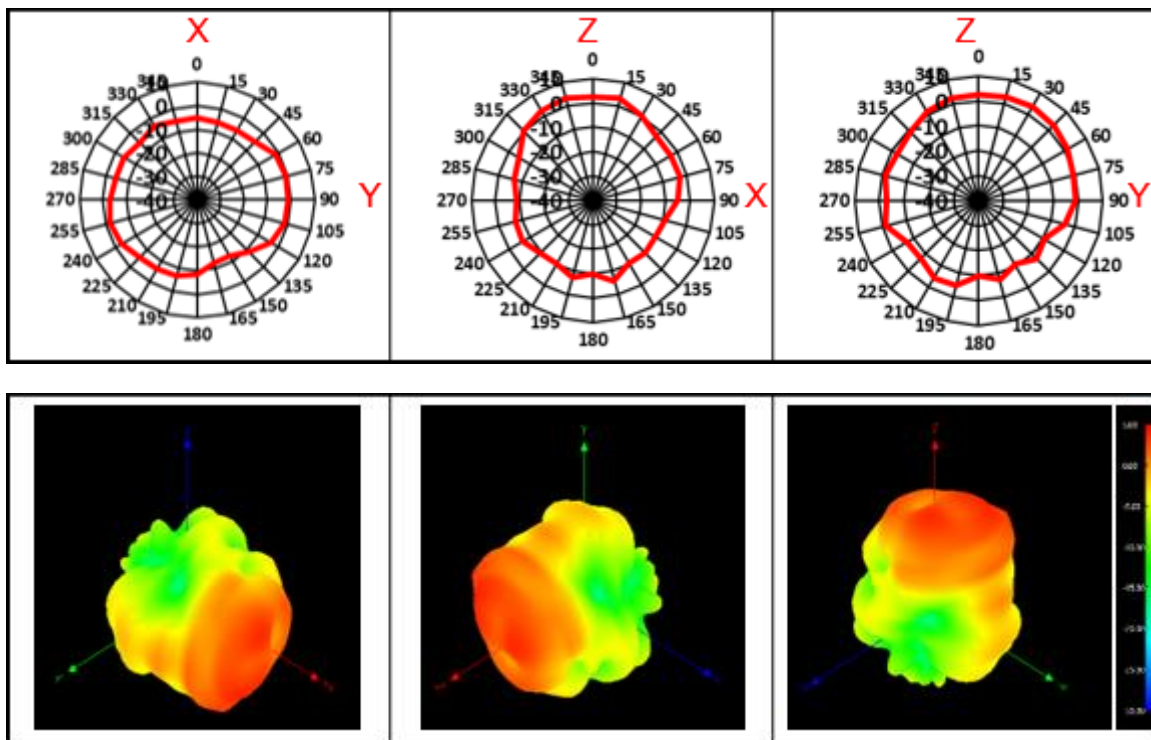
| Frequency (MHz) | Peak Gain (dBi) | Efficiency (%) |
|-----------------|-----------------|----------------|
| 2400            | 3.12            | 50.93          |
| 2450            | 3.38            | 51.52          |
| 2500            | 3.19            | 51.17          |



Maximum Peak gain at 2450MHz: 3.38dBi

Maximum Efficiency at 2460MHz: 52.36%

## 2-4. 2/3D Radiation Pattern :



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 : 蔡舜谷

CHECKED BY : 鄭榮謀

DESIGNED BY : 陳彥吉

APPROVED BY : 謝立庭

TITLE : Embedded Single-Band Antenna for  
WA-P-LA-01-113

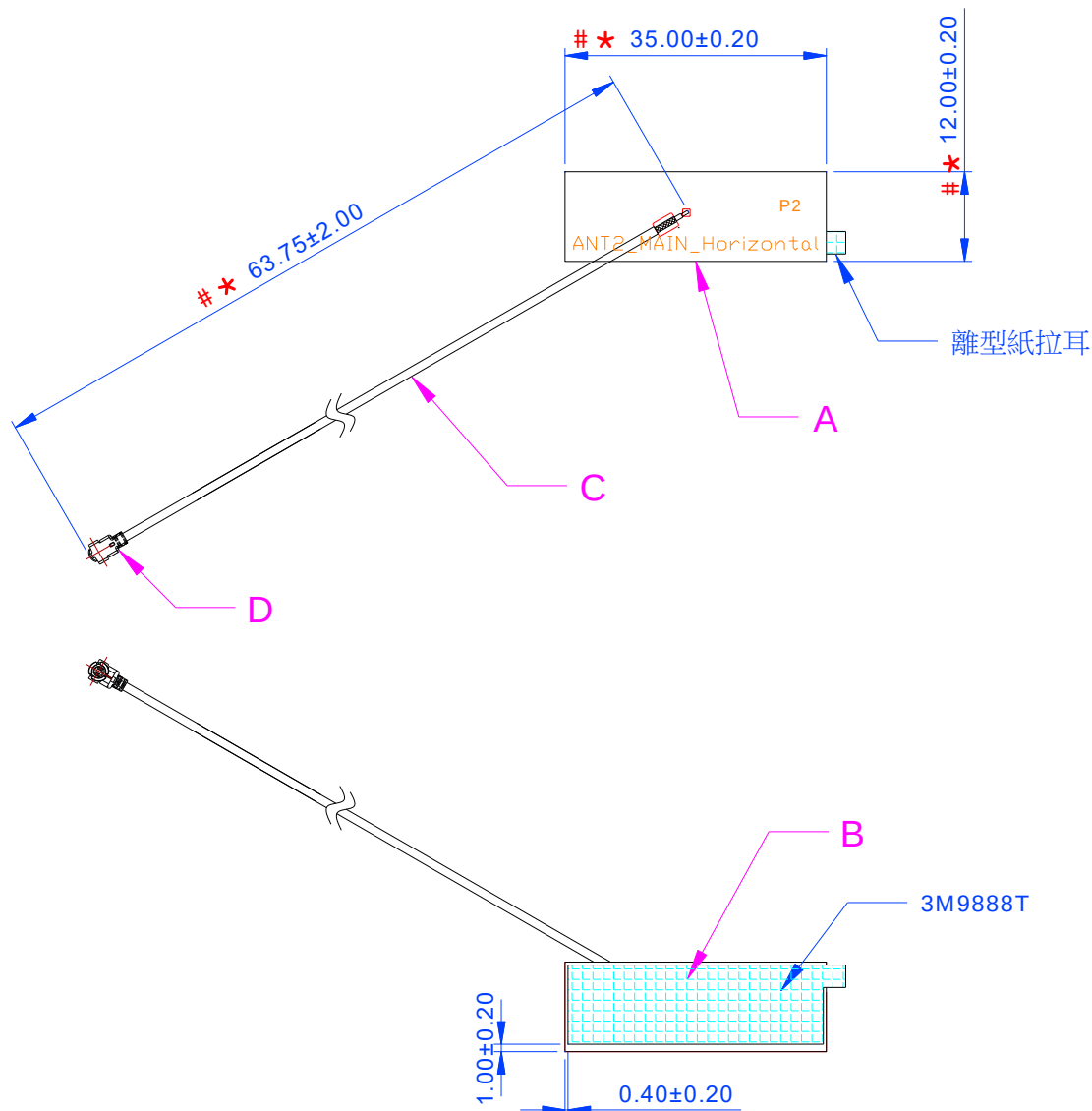
DOCUMENT  
NO.

ENS000219130

SPEC REV.  
A0

3. Mechanical Specification :

3.1 Mechanical Configuration :



REV A0

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

| ITEM | DESCRIPTION | MATERIAL SPECIFICATION                 | QUANTITY | UNIT | UL NO |
|------|-------------|----------------------------------------|----------|------|-------|
| A    | PCB         | L35xW12x0.4Tmm                         | 1        | PCS  | N/A   |
| B    | Adhesive    | 3M9888T_L34.2xW10.6x0.15Tmm            | 1        | PCS  | N/A   |
| C    | Cable       | Ø1.13,LLS,White                        | 1        | PCS  | N/A   |
| D    | Connector   | CM MHF<br>I-PEX Equivalent(compatible) | 1        | PCS  | N/A   |

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 : 蔡舜谷                      CHECKED BY : 鄭榮謀  
DESIGNED BY : 陳彥吉                      APPROVED BY : 謝立庭

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TITLE : Embedded Single-Band Antenna for  
WA-P-LA-01-113

DOCUMENT NO.

ENS000219130

SPEC REV.  
A0

4. Package

WA-P-LA-01-113包規

禾邦電子有限公司

頁次： 1 之 1

版次： A0版

制修訂日期:2026/9/3

包裝圖

圖一

單pcs產品 → 10PCS/扎, 使用泡棉包裹端子皮筋扎住, 裝入自封袋, 10pcs/袋 → 800pcs/盒, 側面左上角需貼標

圖二

封好的內盒 → 4盒/箱, 共3200PCS/箱, 封好紙箱, 外箱標籤貼在側面左上角

產品包裝規範:

1. 將每10pcs產品使用珍珠棉將端子端用橡皮筋包扎裝入自封袋, 10pcs每袋裝入內盒, 800pcs/盒并貼內盒標籤如圖示 (一)

2. 將裝好的成品(如圖示二)放入外箱中, 4盒/箱, 共3200PCS/箱, 封好紙箱, 外箱標籤貼在側面左上角。

3. 不滿整箱時需用填充物填充參考文件号Y-WI-09-281

|                                                                                                                                                     |                   |                                                                                                                                                                                                       |                            |                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|--|
| UNLESS OTHER SPECIFIED TOLERANCES ON :<br>X=N/A                    X.X=N/A                    X.XX=N/A<br>ANGLES=N/A                    HOLEDIA=N/A |                   |                                                                                                                    | INPAQ TECHNOLOGY CO., LTD. |                 |  |
| SCALE : N/A                                                                                                                                         | UNIT : mm         |                                                                                                                                                                                                       |                            |                 |  |
| DRAWN BY : 蔡舜谷                                                                                                                                      | CHECKED BY : 鄭榮謀  | THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION |                            |                 |  |
| DESIGNED BY : 陳彥吉                                                                                                                                   | APPROVED BY : 謝立庭 |                                                                                                                                                                                                       |                            |                 |  |
| TITLE : Embedded Single-Band Antenna for<br>WA-P-LA-01-113                                                                                          |                   | DOCUMENT NO.                                                                                                                                                                                          | ENS000219130               | SPEC REV.<br>A0 |  |