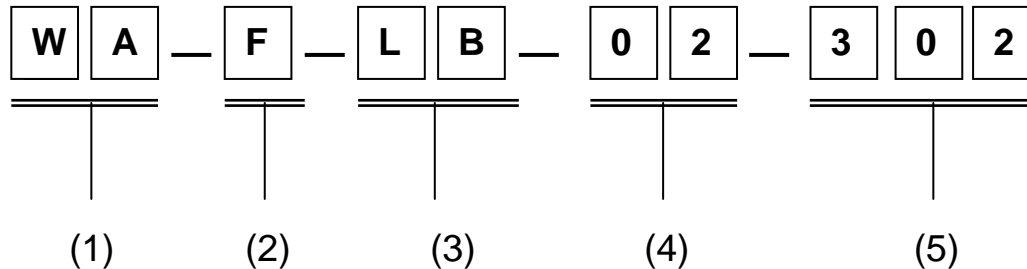


## Embedded Dual-Band Antenna for WA-F-LB-02-302

### 1. Explanation of part number :



- (1) Product Type : Wireless Antenna
- (2) Material : FPCB
- (3) Frequency : 2400-2500 、 5150-5850 MHz
- (4) Coaxial Cable Type : Black Cable
- (5) Suffix : 302

### 2. Electrical Specification :

Those specifications were specially defined for **RX\_Pad** model **Dual-Band Antenna**, and all characteristics were measured under the model's handset testing jig.

#### 2-1. Frequency Band :

Frequency Band	MHz
WiFi	2400-2500 、 5150-5850 MHz

#### 2-2. Impedance :

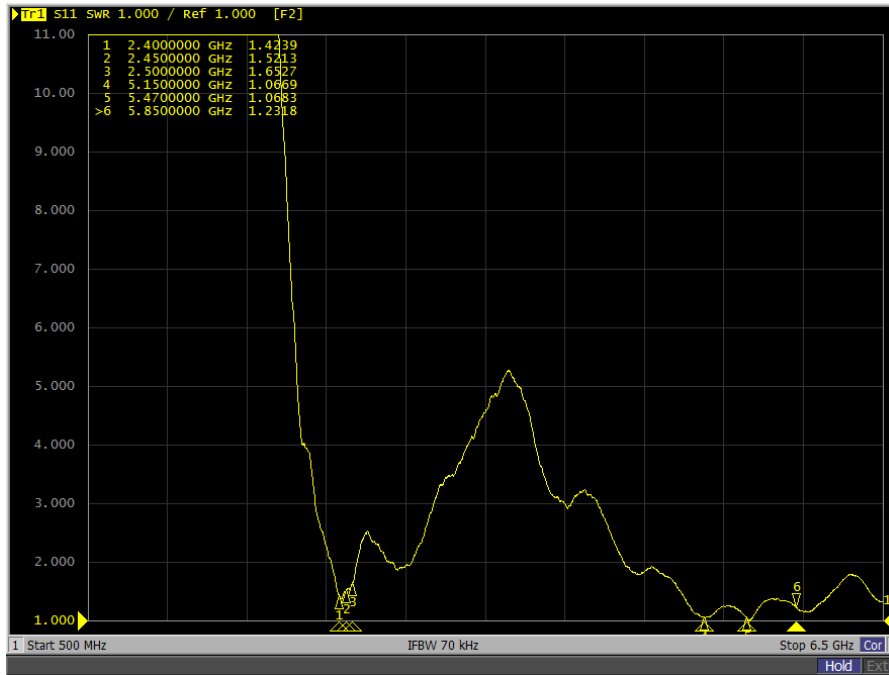
50 ohm nominal

#### 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			<b>INPAQ TECHNOLOGY CO., LTD.</b>	
SCALE : N/A	UNIT : mm	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		
DRAWN BY : 涂正憲	CHECKED BY : 鄭榮謀			
DESIGNED BY : 黃健育	APPROVED BY : 謝立庭			
TITLE : Embedded Dual-Band Antenna for WA-F-LB-02-302		DOCUMENT NO.	<b>ENS000168960</b>	SPEC REV. <b>P0</b>

2-4. VSWR :



2-5. Efficiency :

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)	Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	60.2	2.42	5150	67.4	2.41
2450	65.1	2.46	5250	67.7	2.38
2500	61.3	2.15	5350	64.4	2.87
			5470	65.4	2.04
			5600	63.5	2.34
			5725	66	2.94
			5785	65.7	2.42
			5850	66.2	1.58

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 : 涂正憲      CHECKED BY : 鄭榮謀  
 DESIGNED BY : 黃健育      APPROVED BY : 謝立庭

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DOCUMENT NO.      ENS000168960

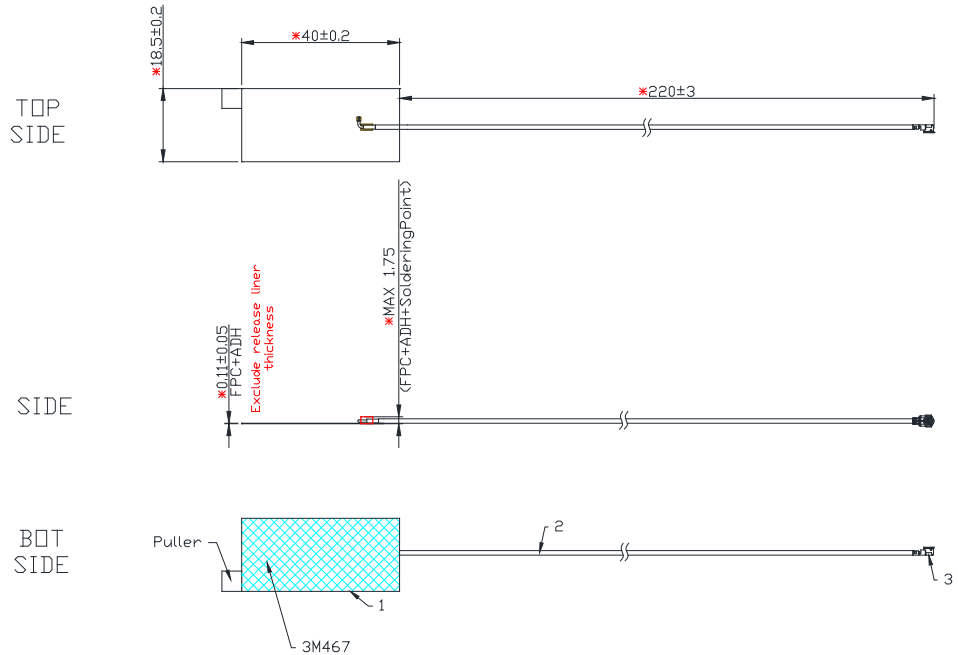
SPEC REV.      P0

### 3. Antenna Drawing :

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

NOTE:

- 外觀標準:需完整無破損,不可有變形、髒污、毛邊、翹曲、裂縫、褶疊等情形。  
Appearance standard : They must be complete.  
It means those must not have the deformations, dirt, burrs, warps, cracks, folds, etc.
- 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.
- QC&FQC只需量測重點尺寸&CPK  
CPK&KEY dimensions for QC&FQC.



Drawing Rev.P1

Figure 3-1-1.

ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT
1	FPCB	40x18.5x0.11mm	1	PCS
2	Cable	1.13,Normal,Black	1	PCS
3	Connector	I-PEX MHF I-PEX Equivalent(compatible)	1	PCS

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 : 涂正憲

CHECKED BY : 鄭榮謀

DESIGNED BY : 黃健育

APPROVED BY : 謝立庭

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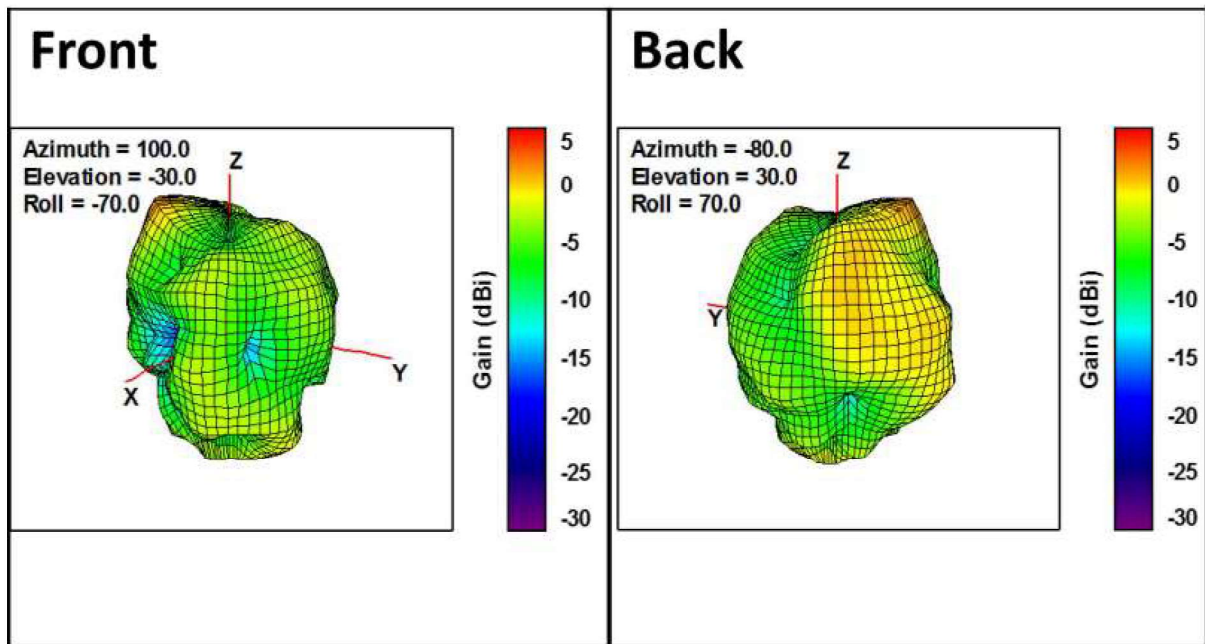
DOCUMENT NO.

ENS000168960

SPEC REV.  
P0

# 3D Radiation Gain Pattern

INPAQ-2450 MHz



INPAQ-5470 MHz

