

規格承認書  
Approval Sheet

客戶名稱

Customer Name: Pegatron

產品名稱

Product description: WAP571E 2.4G-2 PIFA ANT

產品型號

Model Name: WAP571E

泓淋料號

Hong Lin P/N: 290-30289

客戶料號

Customer P/N: \_\_\_\_\_

版別 日期  
Version: X7 Date: 2015/10/08

客戶承認簽印 CUSTOMER APPROVED BY	供應商承認簽印 VENDER APPROVED BY
Checked By:	Checked By:
Approval By:	Approval By:

工廠/Factory:

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## 1 Specification

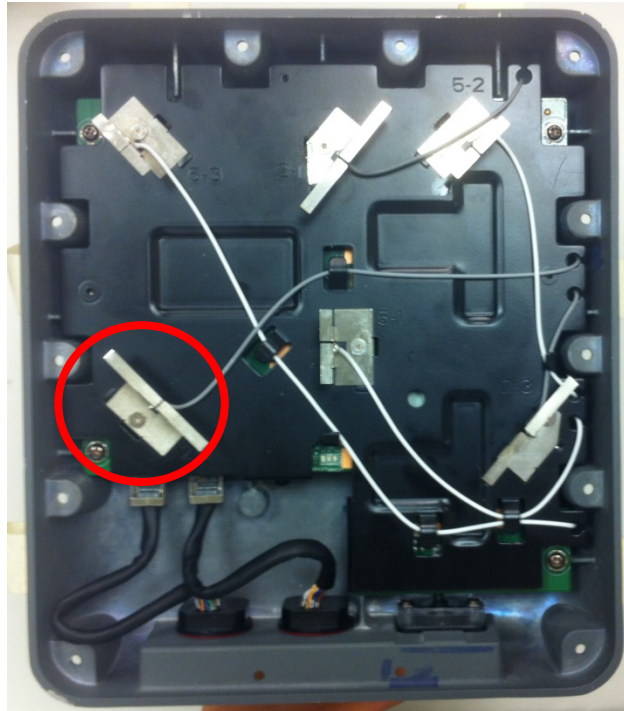
### 1.1 Electrical Properties

- 1.1.1 Frequency Range----- 2.4G~2.5G
- 1.1.2 Impedance-----  $50\Omega$
- 1.1.3 VSWR----- 1.92:1
- 1.1.4 Return Loss----- -10dB or Less
- 1.1.5 Peak Gain----- 2.76 dBi
- 1.1.6 Admitted Power----- 1W
- 1.1.7 Cable-----  $\varnothing 1.37$  Low Loss
- 1.1.8 Antenna Type----- Metal Type

### 1.2 Physical Properties

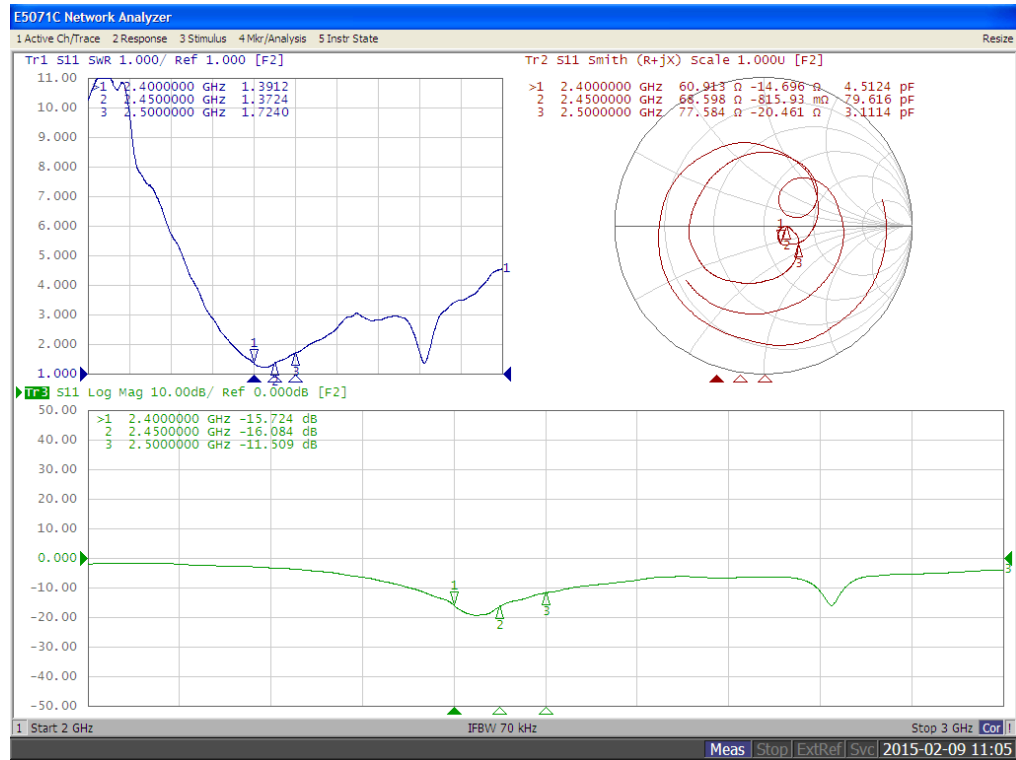
- 1.2.1 Antenna Body----- SUS430 預鍍鎳

## 2 Antenna Picture



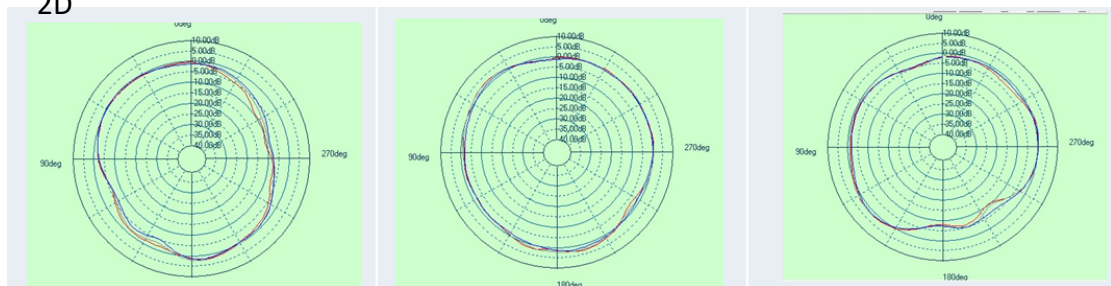
### 3 Test data

#### 3.1 Return Loss and VSWR

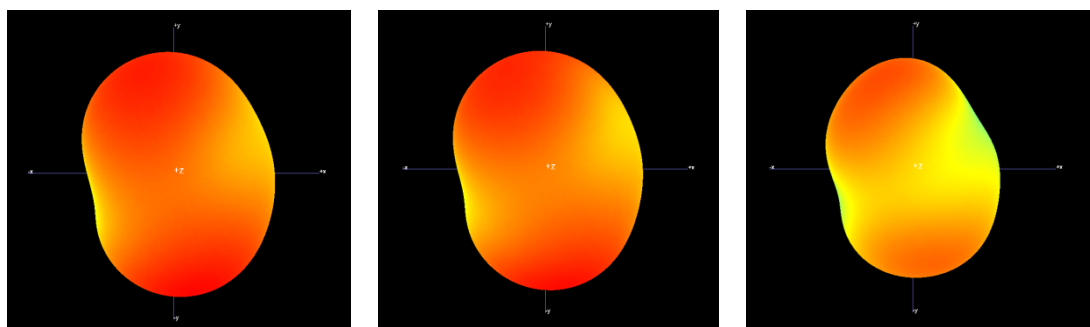


#### 3.2 Radiation Pattern

2D



3D



2400 MHz

2450 MHz

2500 MHz

### 3.3 Gain Table

Frequency (MHz)	XZ Plane		YZ Plane		XY Plane		Peak Gain (dBi)	Efficiency (%)
	Peak Gain (dBi)	Average Gain (dBi)	Peak Gain (dBi)	Average Gain (dBi)	Peak Gain (dBi)	Average Gain (dBi)		
2400	1.43	-2.34	2.45	-0.12	1.67	-2.01	2.76	70
2450	2.06	-2.61	2.31	-0.35	1.92	-2.05	2.43	68
2500	1.62	-2.39	1.44	-0.26	1.24	-1.94	1.86	72



## 5 AVL2 證書

AVLV2.E239426 - Appliance Wiring Material - Component

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ONLINE CERTIFICATIONS DIRECTORY

### AVLV2.E239426 Appliance Wiring Material - Component

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#### Appliance Wiring Material - Component

[See General Information for Appliance Wiring Material - Component](#)

**WEIHAI HONG LIN ELECTRONIC CO LTD**  
 STUDENTS PIONEERING GARDEN  
 PUDONG RD, 9 INTERNATIONAL  
 WEIHAI E&T  
 WEIHAI, SHANDONG 264205 CHINA

E239426

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
<a href="#">1004</a>	<a href="#">1195</a>	<a href="#">1375</a>	<a href="#">1582</a>	<a href="#">1803</a>	<a href="#">10098</a>	<a href="#">10536</a>	<a href="#">10993</a>
<a href="#">1005</a>	<a href="#">1208</a>	<a href="#">1429</a>	<a href="#">1617</a>	<a href="#">1821</a>	<a href="#">10131</a>	<a href="#">10588</a>	<a href="#">11004</a>
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Multiple-conductor, thermoplastic insulation.							
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<b>Single-conductor, thermoset insulation.</b>						
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<b>Multiple-conductor, thermoset insulation.</b>						
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Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.  
 Last Updated on 2014-12-29

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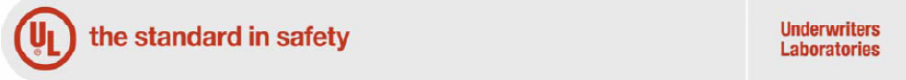
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## 6 ZPFW1 UL 認證



File E225203

Vol 1

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Revised: 2009-05-06

FOLLOW-UP SERVICE PROCEDURE  
(TYPE L)

COMPONENT - WIRING HARNESSSES  
(ZPFW2, ZPFW8)

Manufacturer: SEE ADDENDUM FOR MANUFACTURING LOCATIONS

Applicant: WEIHAI HONG LIN ELECTRONIC CO LTD  
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File E225283 Vol 1 ADDENDUM TO PAGE 1 ISSUED: 2002-02-20  
AUTHORIZATION PAGE REVISED: 2009-05-06

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