

規格承認書  
Approval Sheet

客戶名稱

Customer Name: Pegatron

產品名稱

Product description: WAP571E 5G-1 PIFA ANT

產品型號

Model Name: WAP571E

泓淋料號

Hong Lin P/N: 290-30276

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

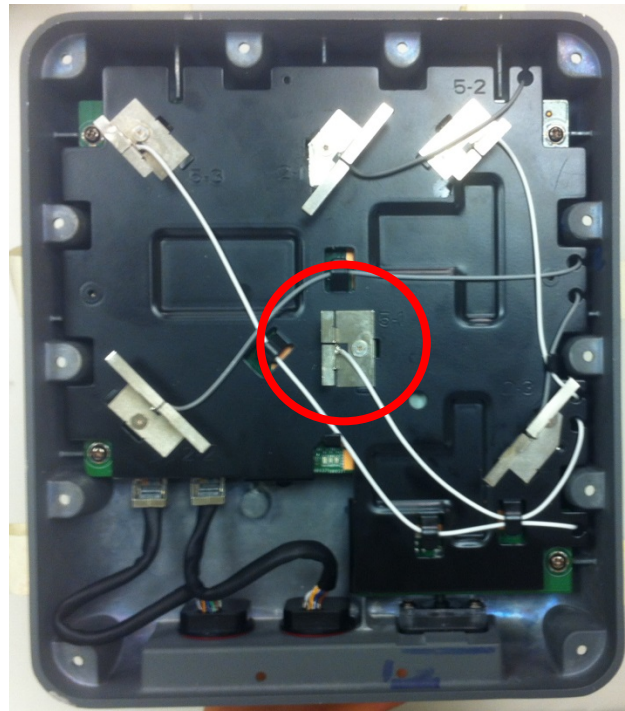
### 1.1 Electrical Properties

- 1.1.1 Frequency Range----- 5.15G~5.85G
- 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----- 3.41 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

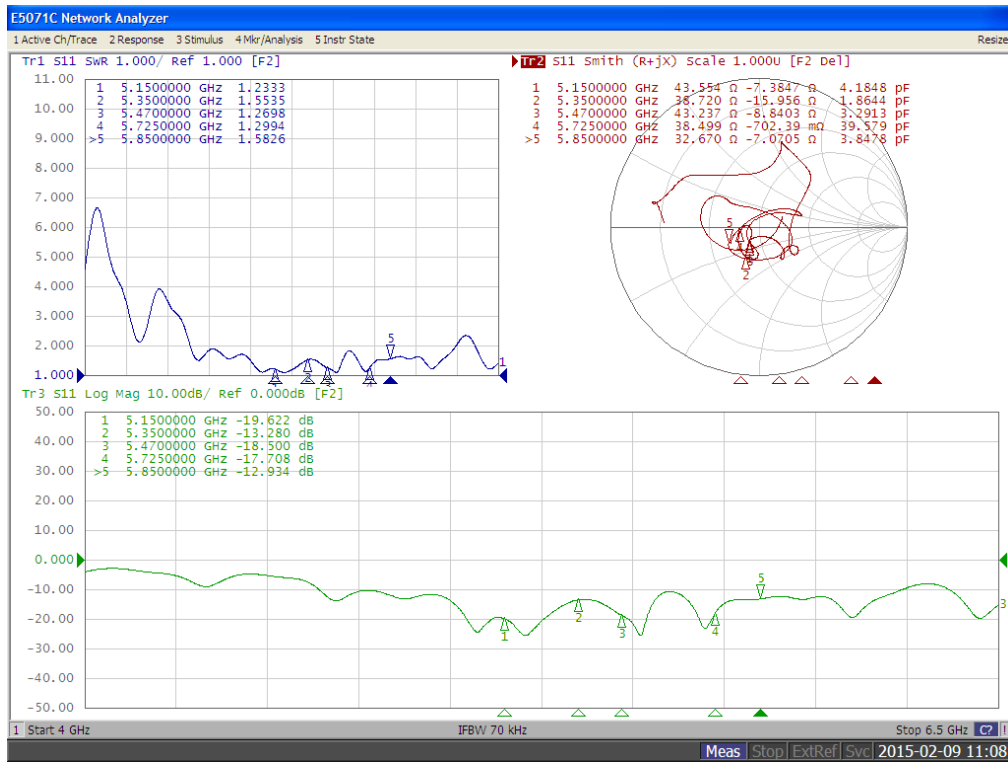
- 1.2.1 Antenna Body----- SUS430 預鍍鎳

## 2 Antenna Picture



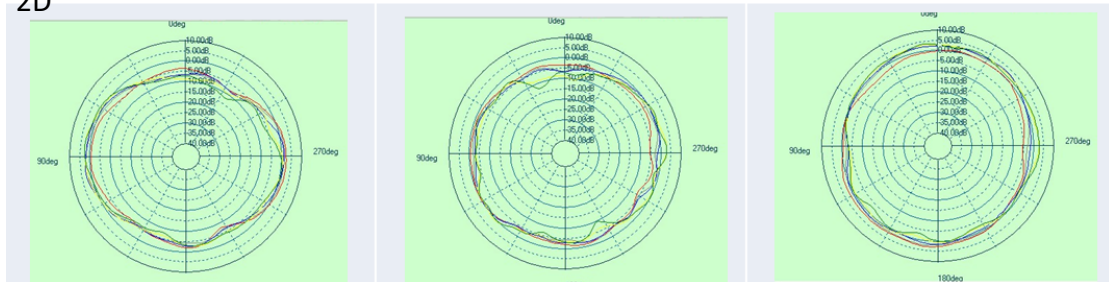
### 3 Test data

#### 3.1 Return Loss and VSWR

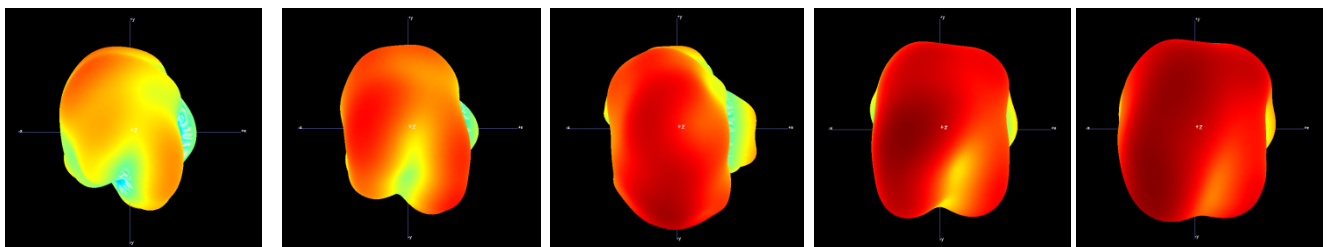


#### 3.2 Radiation Pattern

2D



3D



5150 MHz

5350 MHz

5470 MHz

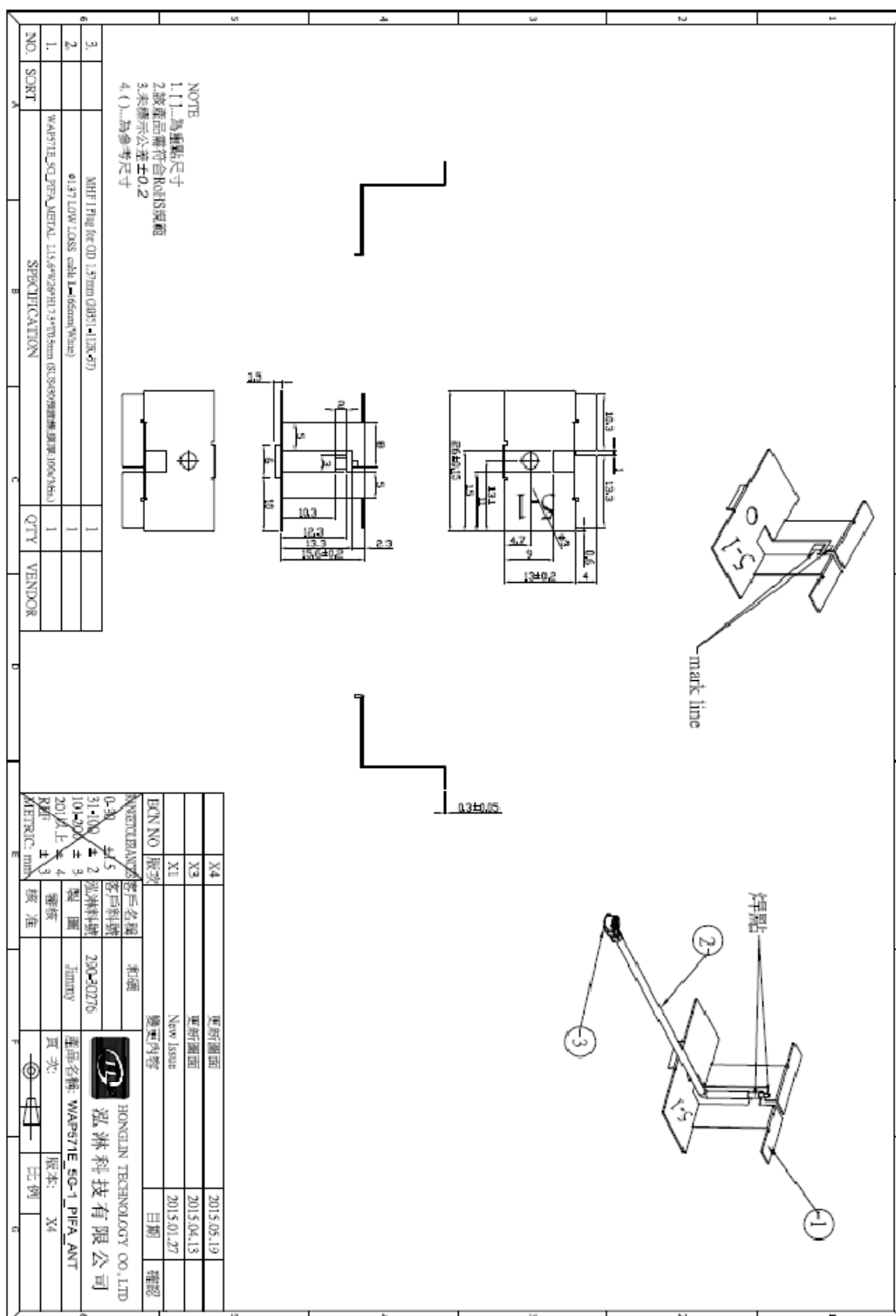
5725 MHz

5850 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)		
5150	2.77	-2.53	0.5	-2.65	2.41	-0.54	3.41	70
5350	2.41	-2.51	0.74	-2.84	2.42	-0.41	2.48	72
5470	2.36	-2.94	-0.15	-2.31	2.64	-0.22	2.82	74
5725	2.5	-2.48	2.1	-2.74	2.37	0.38	2.99	71
5850	2.61	-2.99	2.71	-2.19	2.88	0.45	3.07	68

#### 4 Antenna Assembly (成品圖)



## 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>
<a href="#">1006</a>	<a href="#">1283</a>	<a href="#">1430</a>	<a href="#">1618</a>	<a href="#">1855</a>	<a href="#">10140</a>	<a href="#">10602</a>	<a href="#">11005</a>
<a href="#">1007</a>	<a href="#">1315</a>	<a href="#">1431</a>	<a href="#">1624</a>	<a href="#">1870</a>	<a href="#">10150</a>	<a href="#">10603</a>	<a href="#">11006</a>
<a href="#">1010</a>	<a href="#">1316</a>	<a href="#">1452</a>	<a href="#">1672</a>	<a href="#">1872</a>	<a href="#">10168</a>	<a href="#">10800</a>	<a href="#">11007</a>
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<a href="#">1016</a>	<a href="#">1318</a>	<a href="#">1478</a>	<a href="#">1691</a>	<a href="#">1966</a>	<a href="#">10235</a>	<a href="#">10856</a>	<a href="#">11027</a>
<a href="#">1028</a>	<a href="#">1319</a>	<a href="#">1497</a>	<a href="#">1728</a>	<a href="#">1984</a>	<a href="#">10236</a>	<a href="#">10981</a>	<a href="#">11028</a>
<a href="#">1032</a>	<a href="#">1320</a>	<a href="#">1500</a>	<a href="#">1729</a>	<a href="#">10012</a>	<a href="#">10237</a>	<a href="#">10982</a>	<a href="#">11212</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>						
<a href="#">4468</a>	<a href="#">4478</a>	<a href="#">4523</a>	<a href="#">4530</a>			

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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## 6 ZPFW1 UL 認證



the standard in safety

Underwriters  
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File E225203

Vol 1

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Revised: 2009-05-06

FOLLOW-UP SERVICE PROCEDURE  
(TYPE L)

COMPONENT - WIRING HARNESSSES  
(ZPFW2, ZPFW8)

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WEIHAI,  
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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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