

規格承認書
Approval Sheet

客戶名稱

Customer Name: Pegatron

產品名稱

Product description: WAP571E 2.4G-3 PIFA ANT

產品型號

Model Name: WAP571E

泓淋料號

Hong Lin P/N: 290-30290

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:

- 1) 深圳市寶安區松崗鎮沙浦圍村第二工業區六棟; 電話+86-755-27090678; 電子信箱:
yhh@honglintech.com
Building 6.No.2 Industrial Park, Shapuwei, Songgang Town, Baoan District,Shenzhen,
Guangdong, China; Tel:+86-755-27090678 ; E-mail:yhh@honglintech.com
- 2) 江蘇省常熟市高新技術產業園柳州路8號; 電話: +86-512-51538298; 電子信箱:
jtk@honglincable.com
No.8 Liuzhou Road, Yushan Industrial Park, Hi-tech Development Zone, Changshu,
Jiangsu, China
Tel : +86-512-51538298; E-mail : jtk@honglincable.com

Content

<u>Item</u>	<u>Page</u>
1. Specification (規格表).....	1
2. Antenna Picture.....	2
3. Test data (測試資料).....	3
3.1 Return loss.....	3
3.2 Radiation Pattern.....	3
3.3 Gain Table.....	4
4. Antenna assembly (成品圖).....	5
5. AVL2 證書.....	6
6. ZPFW1 UL 認證.....	8

1 Specification

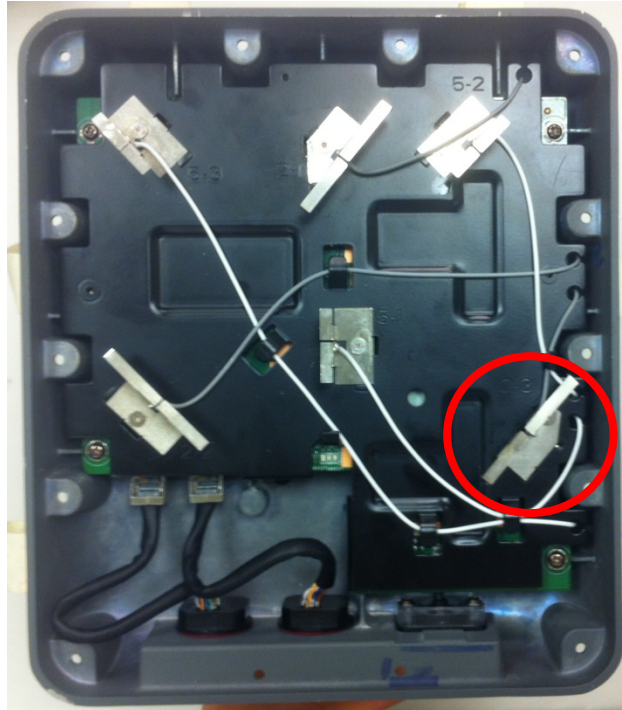
1.1 Electrical Properties

- 1.1.1 Frequency Range----- 2.4G~2.5G
- 1.1.2 Impedance----- 50Ω
- 1.1.3 VSWR----- 1.92:1
- 1.1.4 Return Loss----- -10dB or Less
- 1.1.5 Peak Gain----- 2.98 dBi
- 1.1.6 Admitted Power----- 1W
- 1.1.7 Cable----- Ø1.37 Low Loss
- 1.1.8 Antenna Type----- Metal Type

1.2 Physical Properties

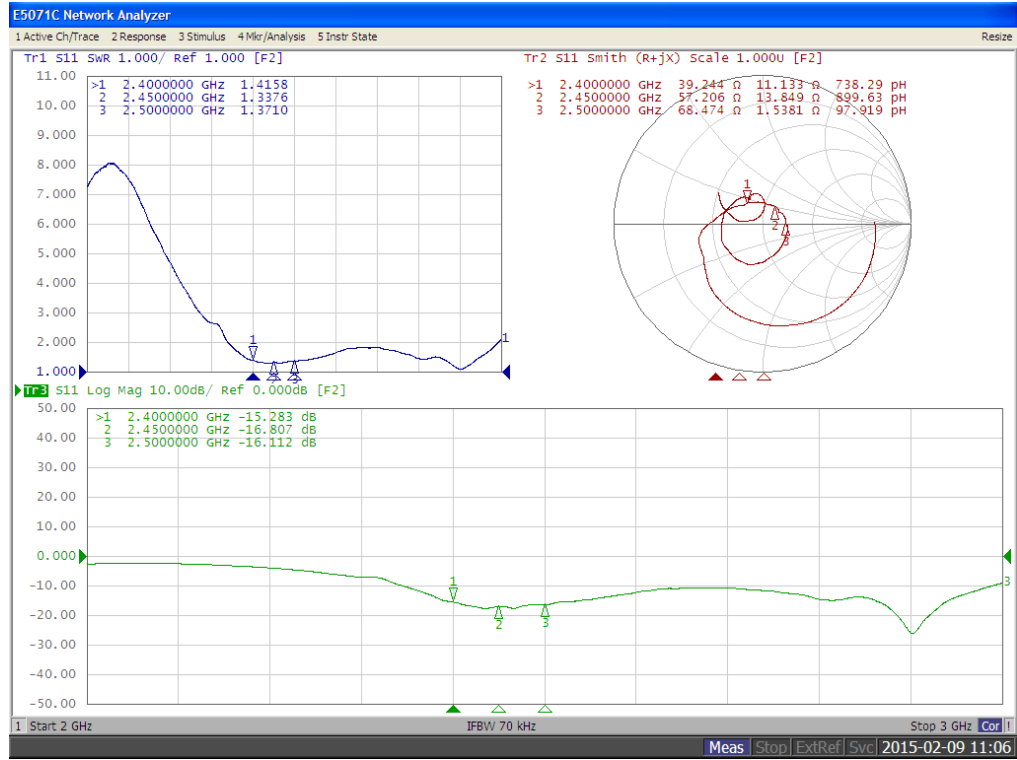
- 1.2.1 Antenna Body----- SUS430 預鍍鎳

2 Antenna Picture



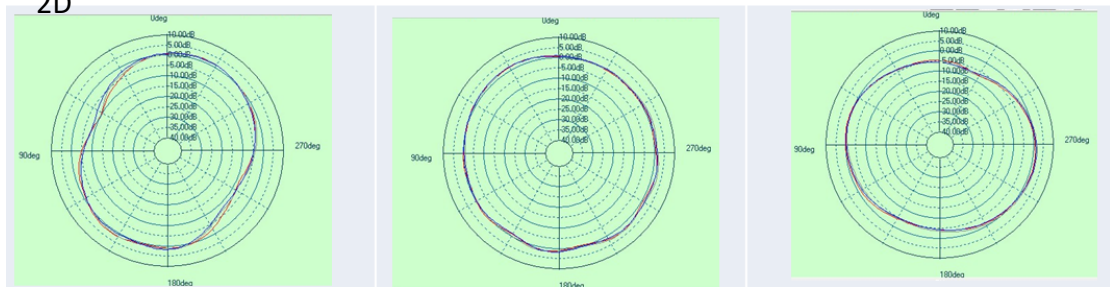
3 Test data

3.1 Return Loss and VSWR

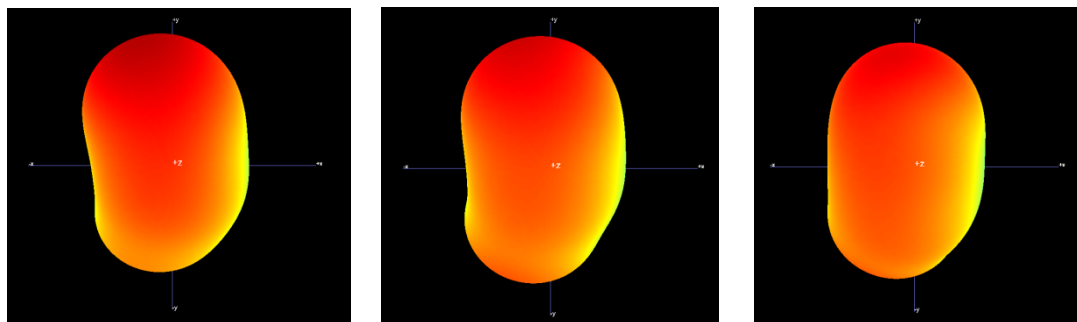


3.2 Radiation Pattern

2D



3D



2400 MHz

2450 MHz

2500 MHz

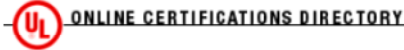
3.3 Gain Table

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	1.57	-1.83	2.33	0.81	1.16	-2.43	2.36	70
2450	1.62	-1.65	2.57	0.94	2.12	-1.97	2.98	73
2500	1.41	-1.94	2.04	0.57	1.79	-2.14	1.94	69

5 AVLV2 證書

AVLV2.E239426 - Appliance Wiring Material - Component

Page 1 of 2



AVLV2.E239426 Appliance Wiring Material - Component

[Page Bottom](#)

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.							
1004	1195	1375	1580	1803	10098	10536	10993
1005	1208	1429	1617	1821	10131	10588	11004
1006	1283	1430	1618	1855	10140	10602	11005
1007	1315	1431	1624	1870	10150	10603	11006
1010	1316	1452	1672	1872	10168	10800	11007
1015	1317	1453	1679	1895	10198	10846	11026
1016	1318	1478	1691	1966	10235	10856	11027
1028	1319	1497	1728	1984	10236	10981	11028
1032	1320	1500	1729	10012	10237	10982	11212
1061	1321	1509	1741	10027	10272	10983	11252
1095	1330	1533	1747	10053	10337	10984	11353
1102	1332	1568	1774	10059	10368	10985	11364
1107	1333	1569	1777	10064	10369	10986	
1180	1354	1571	1789	10086	10495	10987	
1185	1365	1581	1792	10097	10533	10992	
Multiple-conductor, thermoplastic insulation.							
2092	2576	2919	20346	20798	21088	21301	21468
2095	2587	2935	20379	20820	21099	21306	21469
2096	2625	2960	20410	20844	21100	21307	21492
2097	2651	2969	20445	20861	21101	21309	21503
2098	2678	2990	20475	20866	21104	21310	21515
2344	2725	2996	20496	20878	21126	21445	21516
2405	2733	20058	20549	20890	21142	21451	21517
2448	2791	20095	20554	20907	21143	21452	21518
2464	2833	20170	20566	20911	21144	21453	21570
2468	2835	20197	20574	20936	21147	21454	21571
2517	2836	20236	20624	20941	21149	21455	21634
2547	2844	20251	20626	20948	21165	21456	21706
2549	2851	20254	20640	20954	21198	21457	
2552	2854	20276	20642	21002	21213	21458	

2562	2863	20279	20696	21016	21253	21460
2571	2877	20288	20706	21036	21292	21461
2574	2896	20328	20733	21064	21293	21462
Single-conductor, thermoset insulation.						
3173	3265	3271	3302	3363	3385	3481
3237	3266	3275	3348	3376	3386	
Multiple-conductor, thermoset insulation.						
4468	4478	4523	4530			

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

[Last Updated](#) on 2014-12-29

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2015 UL LLC

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the [UL Environment database](#) for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2015 UL LLC".

6 ZPFW1 UL 認證



the standard in safety

Underwriters
Laboratories

File E225203

Vol 1

Issued: 2002-02-20

Revised: 2009-05-06

FOLLOW-UP SERVICE PROCEDURE
(TYPE L)

COMPONENT - WIRING HARNESSSES
(ZPFW2, ZPFW3)

Manufacturer: SEE ADDENDUM FOR MANUFACTURING LOCATIONS

Applicant: WEIHAI HONG LIN ELECTRONIC CO LTD
(342688-001) STUDENTS PIONEERING GARDEN
FUDONG RD, 9 INTERNATIONAL
WEIHAI E&T
WEIHAI,
SHANDONG 264205 CHINA

Recognized Company: SAME AS APPLICANT
(342688-001)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc. (UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. (UL) or any authorized licensee of UL, upon request.

This PROCEDURE, and any subsequent revision, is the property of Underwriters Laboratories Inc. (UL) and the authorized licensee of UL and is not transferable.

Underwriters Laboratories Inc.

Stephen Hewson
Senior Vice President
Global Follow-Up Service Operations

William R. Carney
Director
North American Certification Program



File E225283 Vol 1 ADDENDUM TO PAGE 1 ISSUED: 2002-02-20
AUTHORIZATION PAGE REVISED: 2009-05-06

LOCATION

(100045-973) WUHAN HONGLIN ELECTRONIC CO LTD
21 HIGH TECH INDUSTRY PARK
WUHAN E&T DEVELOPMENT ZONE
WUHAN,
HUBEI 430056 CHINA

(100125-481) DEZHOU HONGLIN ELECTRONICS CO LTD
FUMIN RD
HENGYUAN ECONOMIC DEVELOPMENT ZONE
LINYI COUNTY
DEZHOU SHANDONG CHINA

(342688-001) WEIHAI HONG LIN ELECTRONIC CO LTD
STUDENTS PIONEERING GARDEN
PUDONG RD, 9 INTERNATIONAL
WEIHAI E&T
WEIHAI,
SHANDONG 264205 CHINA

(767417-001) CHANGSHU HONGLIN ELECTRONIC CO LTD
#8 LIUZHOU RD
YUSHAN INDUSTRIAL PARK
HI-TECH DEVELOPMENT ZONE
CHANGSHU,
JIANGSU 215500 CHINA