泓淋科技集團有限公司
HL TECHNOLOGY GROUP LIMITED

規 格 承 認 書
Approval Sheet

客 戶 名 稱
Customer Name: Pegatron

產 品 名 稱
Product description: WAP571E 2.4G-1 PIFA ANT

產 品 型 號
Model Name: WAP571E

泓 淋 料 號
Hong Lin P/N: 290-30275

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
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Content

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---------- 2.65 dBi

1.1.6 Admitted Power---------- 1W

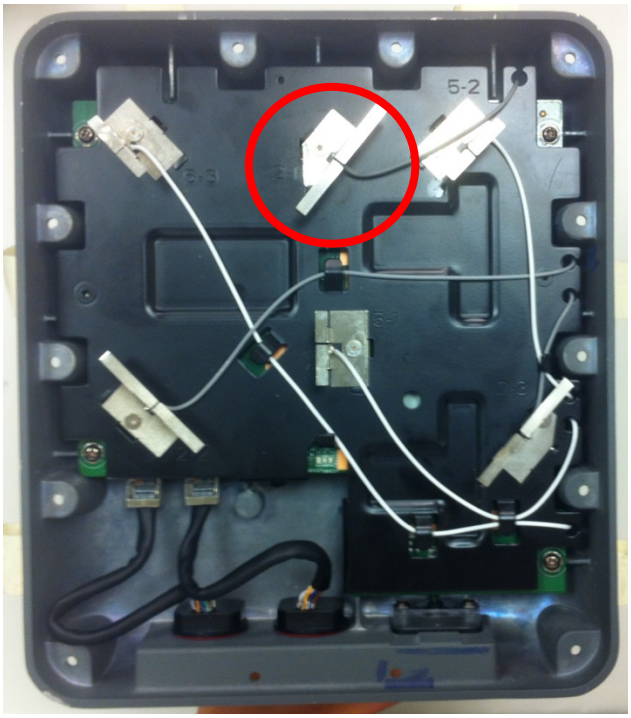
1.1.7 Cable---------- Ø1.37 Low Loss

1.1.8 Antenna Type---------- Metal Type

1.2 Physical Properties

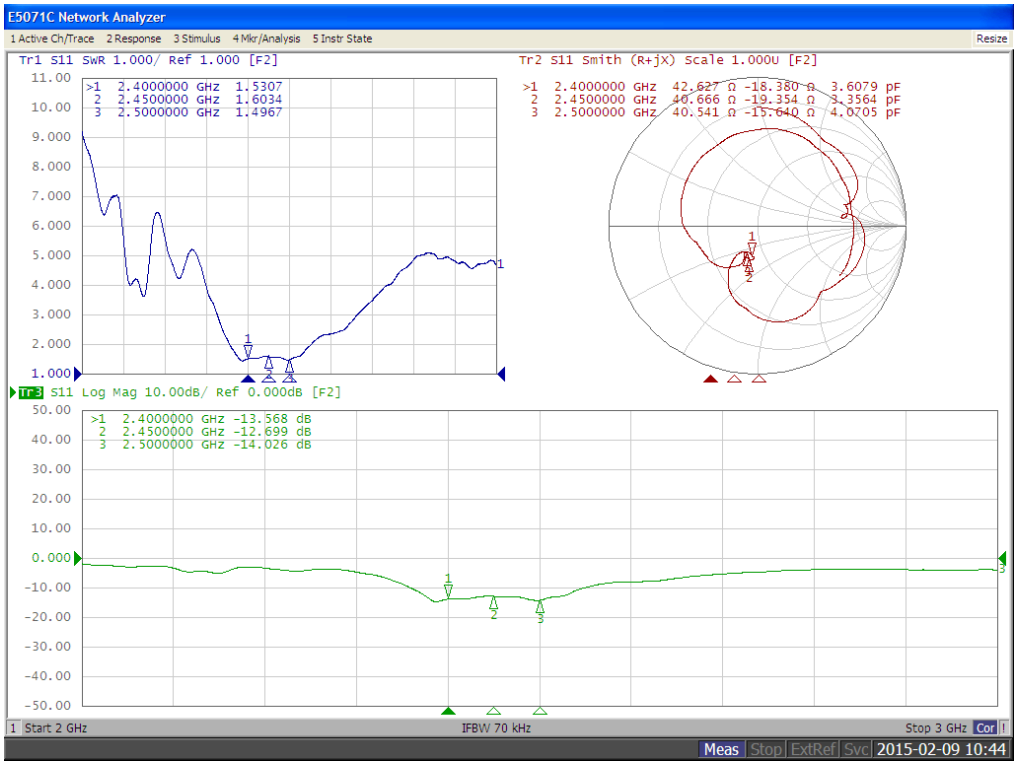
1.2.1 Antenna Body---------- SUS430 預鍍鎳

2 Antenna Picture



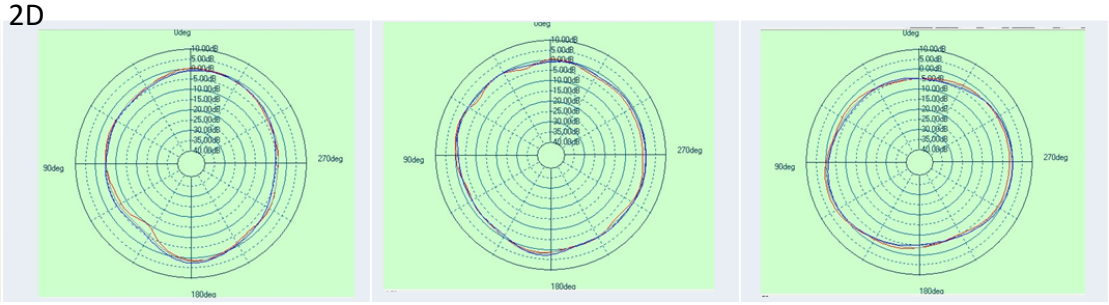
3 Test data

3.1 Return Loss and VSWR

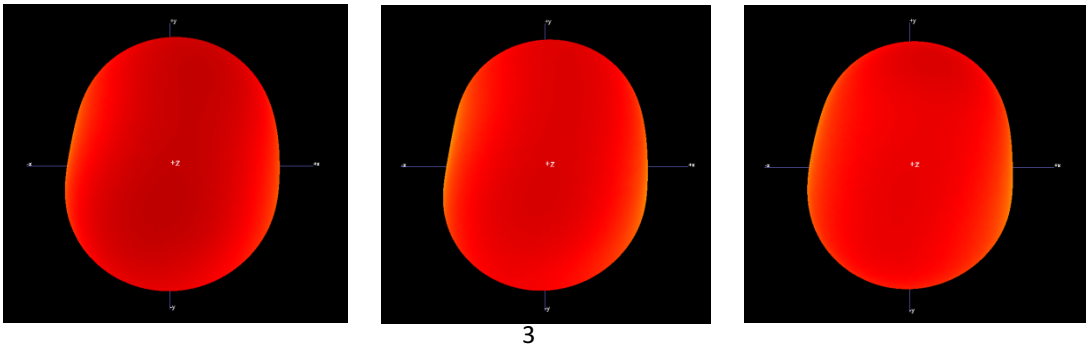


3.2 Radiation Pattern

2D



3D

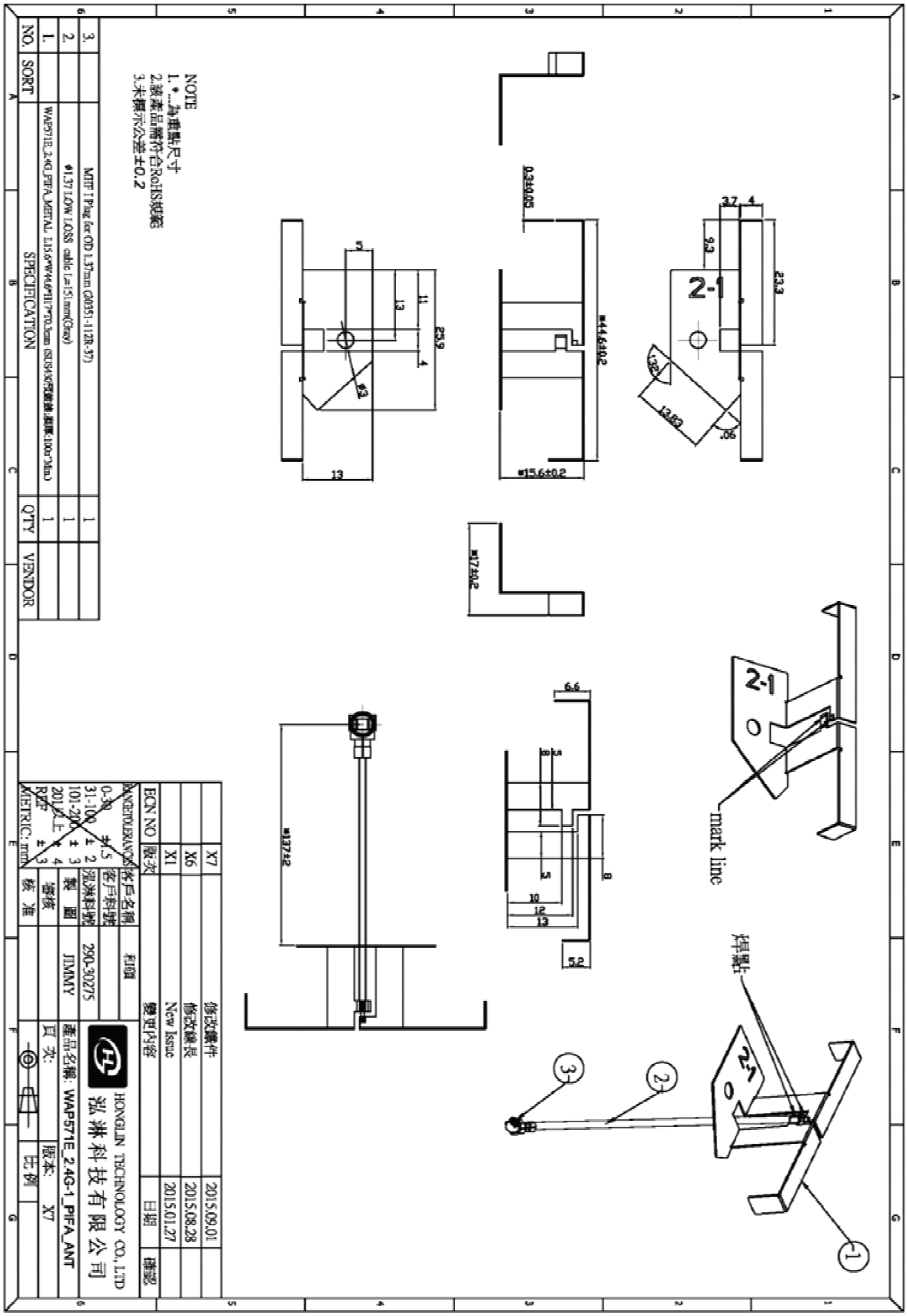


2400 MHz 2450 MHz 2500 MHz

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	1.15	-2.94	1.42	-0.75	1.39	-2.31	**1.76**	**66**
2450	1.65	-2.77	2.01	-0.52	0.81	-2.25	**2.30**	**65**
2500	2.31	-2.31	2.34	-0.5	0.44	-2.64	**2.65**	**67**

4 Antenna Assembly (成品圖)



5 AVLV2 證書

ONLINE CERTIFICATIONS DIRECTORY

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 E239426
STUDENTS PIONEERING GARDEN
PUDONG RD, 9 INTERNATIONAL
WEIHAI E&T
WEIHAI, SHANDONG 264205 CHINA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
1004	1195	1375	1589	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	11352
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

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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 HARNESSES
(ZPFW2, ZPFW8)

Manufacturer: SEE ADDENDUM FOR MANUFACTURING LOCATIONS

Applicant: WEIHAI HONG LIN ELECTRONIC CO LTD
(342688-001) STUDENTS PIONEERING GARDEN
PUDONG 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.

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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 AUTHORIZATION PAGE PAGE 1 ISSUED: 2002-02-20 REVISED: 2009-05-06

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

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