



小精靈股份有限公司

Juster Co., Ltd

承認書

APPROVAL SHEET

使用機型: BIS-302G

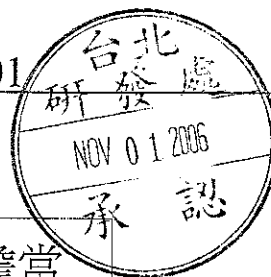
部品名稱: WLAN Antenna Assembly(C935-520002-A)

物料編號: RT-41493

供應廠商: 謹裕實業

發行日期: 2006/11/01

發行單位: 台北研發處



核准	審核	擔當
		 林健斌 黃忠一

分發單位:

台北業務	台北採購	台北品管	杰特研發	杰特工程	杰特品管	國科	供應商
	V		V	V	V		V

台北縣三重市中山路 373 號 10 樓

電話:(02)2278-2588

傳真:(02)8511-4232



WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)
TAI HWA ELECTRONIC CO., LTD.(CHINA)
SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)
AEON TECH CO., LTD. (CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: 小精靈股份有限公司

PART NAME: WLAN Antenna Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C935-520002-A

REV.: X1

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :		
DATE :	2006.7.18	

WHA YU GROUP

WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)

譚裕實業股份有限公司

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台樺電業製品廠

Address: Pak Ho District, Hiu Street Town, Dong Guan City, Guangdong, China

Tel: + 86-769-5599375 · + 86-769-5912375

Fax: + 86-769-5599376

HUA HONG INTERNATIONAL LTD.

華弘國際有限公司

Rm.1103A, President Commercial Centre, 608 Nathan Road, Mong Kok, Kowloon, Hong Kong

Tel: + 86-852-27712210

Fax: + 86-852-23843747

SHANGHAI HUA YU ELECTRONIC CO., LTD. (CHINA)

上海譚裕電子有限公司

Address: 3586, Wai Qing Song Road, Qing Pu County, Shanghai China

Tel: + 86-21-59741348 · + 86-21-59744101-4

Fax: + 86-21-59741347

SU ZHOU AEON TECH CO., LTD. (CHINA)

蘇州華廣電通有限公司

Address: Limin North Road, LiLi Town, LiLi Industrial Park, LinHu Economic Zone

Wujiang City, Jiangsu Province, China

Tel: + 86-512-63627980

Fax: + 86-512-63627981

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7.	背膠(G9000)材質	

Antenna Assembly

Specification

1. Electrical Properties :

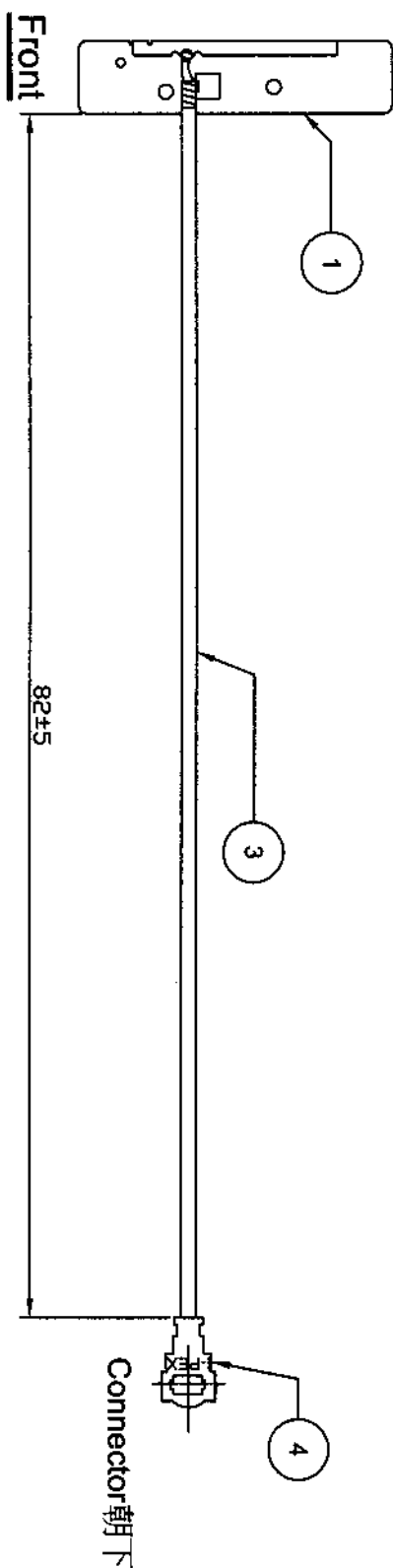
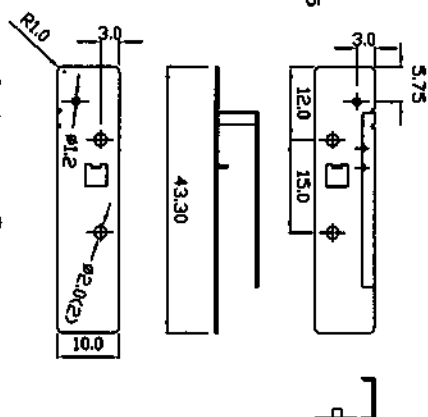
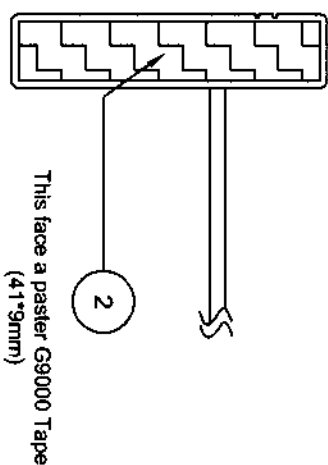
1.1 Frequency Range.....	2.4~2.5GHz
1.2 Impedance.....	50Ω
1.3 Return Loss.....	<-10dBi
1.4 VSWR.....	2 Max.
1.5 Peak Gain.....	<3.0dBi@2.40~2.50GHz
1.6 Average Gain.....	>-3.0dBi@2.40~2.50GHz
1.7 Admitted Power.....	1W
1.8 Antenna Type.....	PIFA

2. Physical Properties :

2.1 Operating Temp.....	-10°C ~ +55°C
2.2 Storage Temp.....	-30°C ~ +75°C

CG-1544

REV	DATE	DESCRIPTION
A	2006/07/18	New Issue



NOTE:

- 1.材質如圖所示
- 2.未標示公差為±0.1

Packing: 1pcs/bag
每10袋用訂書機訂起來
(以方便客戶點收)

釘書針

CUSTOMER'S SIGNATURE

APPROVED
CHECKED
余政輝
余政輝

CUSTOMER: 小精靈

PART NO.:

PARTNAME: W1 AN Antenna Drawing

W. Y PNO.: C935-520002-A

REV: UNIT: FILE: SHEET: 4/4



Wha Yu
INDUSTRIAL CO., LTD.

華裕實業股份有限公司
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Antenna Test Report

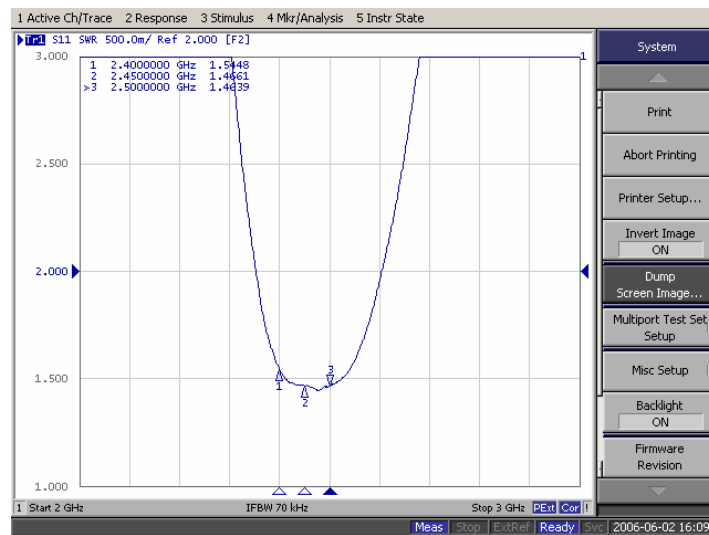
Measurement Time : 2006/07/18

Measurement Instrument :

- 1、Agilent Technologies E5071A 300K~8.5GHz ENASeries Network Analyzer
- 2、Chamber : 3.5m(W) * 3.25m(H) * 7.12m(L)
Gain Horn Antenna : SG-430 1.7~2.6GHz

Measurement Frequency : 2.4 GHz ~ 2.5GHz

Antenna VSWR



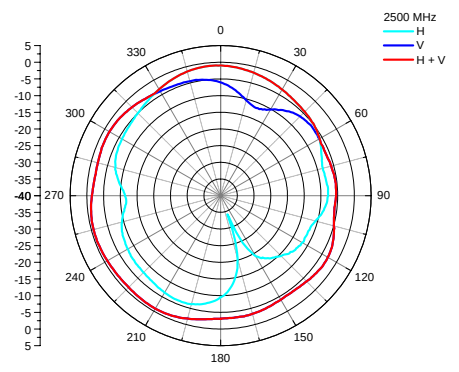
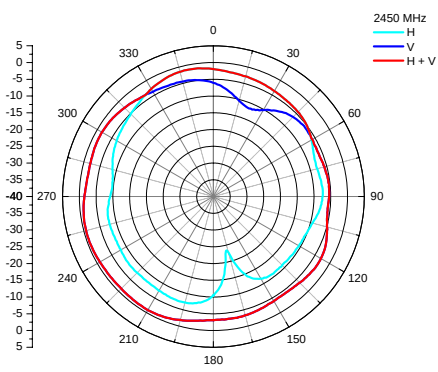
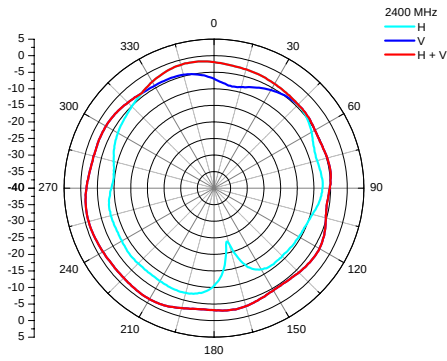
Antenna VSWR			
Frequency	2.4GHz	2.45GHz	2.5GHz
VSWR	1.54	1.46	1.46

Antenna Peak Gain & Average Gain Test Result

Frequency	Peak Gain (dBi)			Average Gain (dBi)		
	2.4GHz	2.45GHz	2.5GHz	2.4GHz	2.45GHz	2.5GHz
Antenna Gain (dBi)	-1.01	-0.62	-0.62	-1.58	-1.45	-1.38

Antenna Pattern

2.4GHz~2.5GHz



Date : 2005/07/25

Our Spec. No. WS05-M111

MESSRS.

SPECIFICATION
FOR
HIGH FREQUENCY COAXIAL CABLE
"KHCX - 32AWG - SB - SA" BLACK

SHOWA ELECTRIC WIRE & CABLE CO., LTD.

TORANOMON

TOKYO JAPAN

T. Mori

T. Mori
Manager, Engineering Section
Engineering Dept.
Electronic Wire Business Unit