



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

SPECIFICATION FOR APPROVAL

CUSTOMER: 正文科技股份有限公司

PART NAME: RF Antenna Cable Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C210-510389-A

REV.: X3

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :	W. Y. P. [Stamp]	
DATE :	05/02/14	

WHA YU GROUP

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

華裕實業股份有限公司

Address: No. 326, Sec. 2, Kung Tao 5 Road, Hsin Chu City, Taiwan, R.O.C.

Tel: +886-3-5714225(REP.) Fax: + 886-3-5713853 · + 886-3-5723600

DONGGUAN AEON TECH CO.,LTD.(CHINA)

東莞台霖電子通訊有限公司

Address: Lakeside Industrial Park, Da Ling Shan Town, Dong Guan City, Guangdong, China

Tel: + 86-769-85655858 Fax: + 86-769-8565525

TAI HWA ELECTRONIC FACTORY

台樺電業製品廠

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

Tel: + 86-769-85599375 · + 86-769-85912375 Fax: + 86-769-85599376

HUA HONG INTERNATIONAL LTD.

華弘國際有限公司

Address: 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)

上海華裕電子有限公司

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

Contents

<i>Item</i>	<i>Description</i>	<i>Page</i>
1.	天線規格表	 1
2.	成品圖	 2
3.	測試報告	 3~4
4.	Cable 規格	 5~7
5.	Connector 材質特性	 8
6.	SGS 測試	 9~36
7.	RoHS 排外條款	 37

RF Antenna Cable Assembly

Specification

1. Electrical Properties :

- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz
- 1.2 Impedance 50 Ω Nominal
- 1.3 VSWR 1.92 Max.
- 1.4 Return Loss..... -10 dB Maximum
- 1.5 Radiation Directional
- 1.6 Gain(peak)..... 2GHz 3.2dBi (including Cable loss)

- 1.7 Cable Loss..... 2G : 0.9 dB

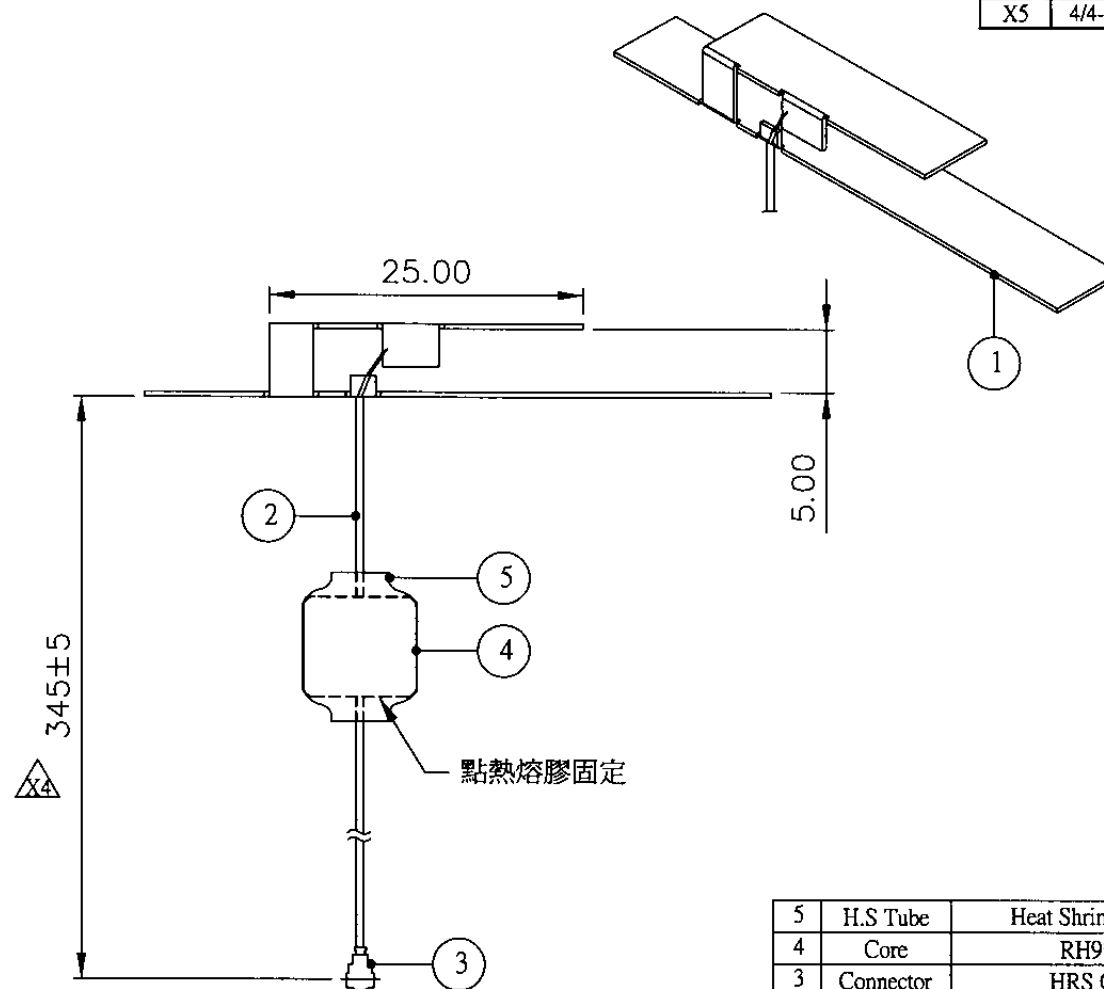
- 1.8 Polarization..... Linear Vertical
- 1.9 Admitted Power..... 1W

2. Physical Properties :

- 2.1 Cable..... ϕ 1.32 Coaxial Cable
- 2.2 Operating Temp. -20 ~ +65
- 2.3 Storage Temp. -30 ~ +75
- 2.4 PIFA..... Copper
- 2.5 Connector..... HRS Connector

CG-

REV	DATE	DESCRIPTION
X1	11/16-2006	New Issue
X3	12/14-2006	Add core,modify length
X4	1/4-2007	modify Cable&length
X5	4/4-2007	modify H.S Tube color



5	H.S Tube	Heat Shrink Tube ; Blue	1	
4	Core	RH9*8*5mm	1	
3	Connector	HRS Connector	1	
2	Cable	ø1.32 Coaxial Cable ; Gray	1	
1	PIFA	Copper	1	
NO	DESCRIPTION		QTY	REMARK

Packing : 1 pcs/bag
(每10袋用釘書機訂起來)

CUSTOMER'S SINGATURE

XX.	±5	APPROVED	Wing
X.	±3.0	CHECKED	6030
.X	±1.0	DRAWING	407
.XX	±0.5		
XXX	±0.1		

CUSTOMER: 正文

PART NO :

PARTNAME: PIFA Antenna

W.Y P/NO : C210-510389-A

REV UNIT FILE :

X5 m/m SHEET : 1/1

M.gear Wha Yu Group

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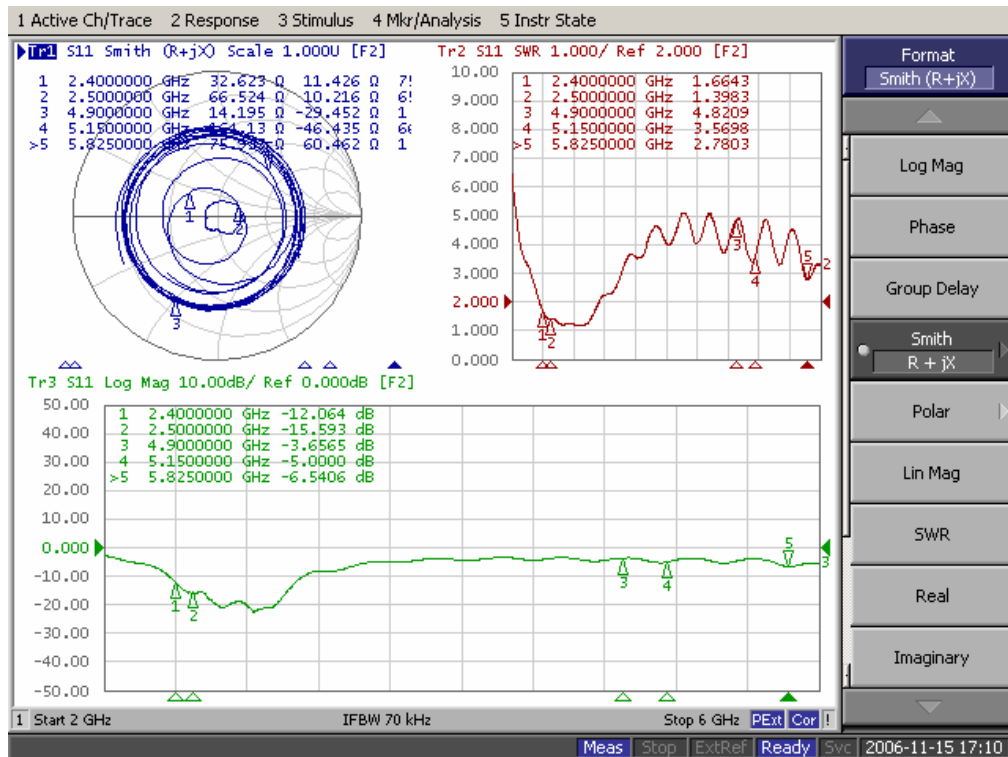


謹裕實業股份有限公司

WHA YU INDUSTRIAL CO., LTD

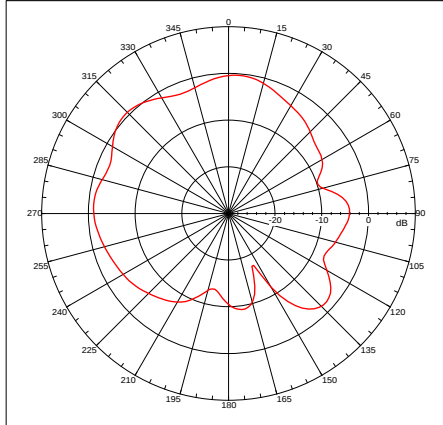
RF Antenna Assembly

P/NO : C210-510389A



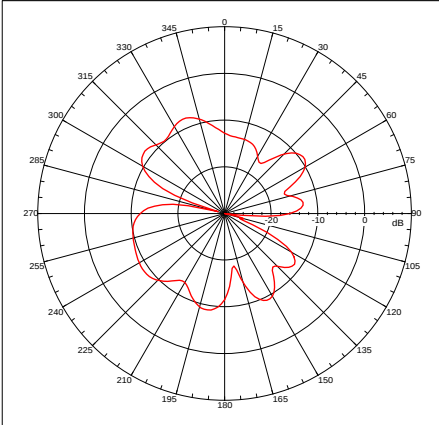
RF Antenna Assembly
P/NO : C210-510389-A SPEC :2.4GHz

Far-field amplitude of 2.4G-PIFA-H.nsi



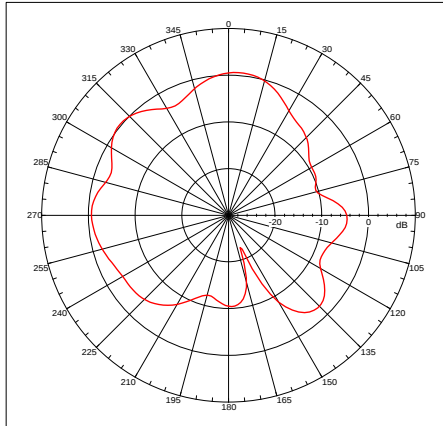
2.4GHz Gain = 0.62964 dBi

Far-field amplitude of 2.4G-PIFA-V.nsi



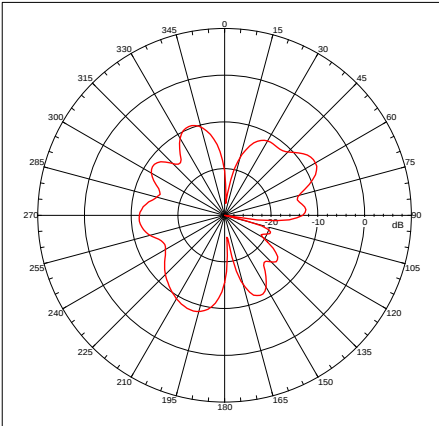
Gain = -7.93868 dBi

Far-field amplitude of 2.4G-PIFA-H.nsi



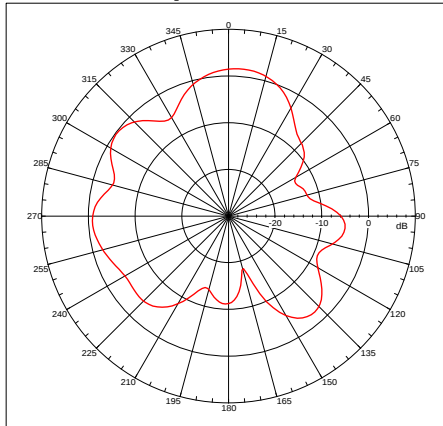
2.45GHz Gain = 0.60529 dBi

Far-field amplitude of 2.4G-PIFA-V.nsi



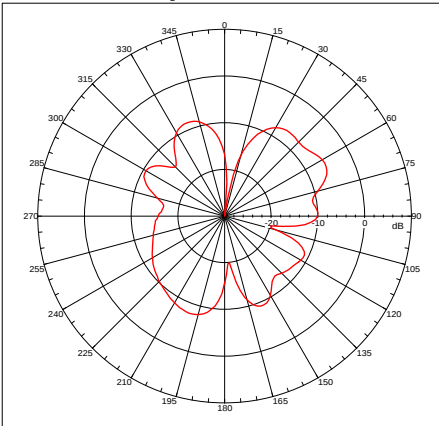
Gain = -7.5418 dBi

Far-field amplitude of 2.4G-PIFA-H.nsi



2.5GHz Gain = 1.59489 dBi

Far-field amplitude of 2.4G-PIFA-V.nsi



Gain = -5.72529 dBi