



**M.gear**

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

**DONGGUAN AEON TECH CO.,LTD.(CHINA)**

**SPECIFICATION FOR APPROVAL**

**CUSTOMER:** *ASUS*

**PART NAME:** *RF Antenna Assembly*

**PART NO.:**

**REVISION:**

**W. Y. P/NO.:** *C660-510587-A(SRF20221982)*

**REV.:** *X2*

	MANUFACTURER	CUSTOMER
APPROVED BY :	<i>Danzel/p</i>	SIGNATURE
DATE :	<i>何春</i> <i>12/20</i>	

**WHA YU GROUP**

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

譚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:Hupan Industrial District,Tai Ling Shan Town,Dong Guan City,Guangdong,China

Tel:+86-769-85655858

Fax:+86-769-85655258

# *Contents*

<i>Item</i>	<i>Description</i>	<i>Page</i>
1. ....	規格表	..... 1
2. ....	成品圖	..... 2
3. ....	測試報告	..... 3~4

# RF Antenna Assembly

## Specification

### 1. Electrical Properties : With housing(Ant1)

1.1 Frequency Range.....	5.15~7.125 GHz
1.2 Impedance .....	50Ω Nominal
1.3 VSWR .....	1.58 : 1 Max.
1.4 Return Loss.....	13 dB Min.
1.5 Radiation .....	Omni-directional
1.6 Peak Gain.....	5.15~7.125 GHz @ 2.44 dBi
1.7 Cable Loss.....	1.85 dB Max.
1.8 Polarization.....	Linear
1.9 Cable.....	1.37 Low loss Coaxial cable
1.10 Connector.....	I-PEX MHF Connector
1.11 Core.....	N/A

### 2. Physical Properties :

2.1 Operating Temp. ....	-10°C ~ +60°C
2.2 Storage Temp. ....	-10°C ~ +70°C

# Return Loss Results

ANT1 (5150MHz~7125MHz) (Criterion:>13 dB)

