



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

DONGGUAN AEON TECH CO.,LTD.(CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: ASUS

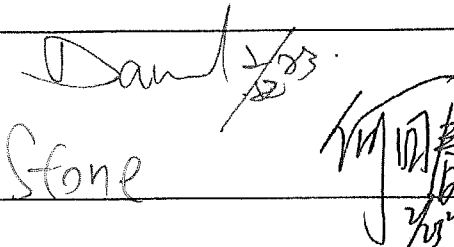
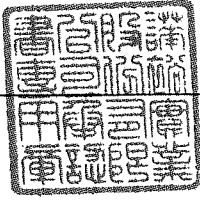
PART NAME: RF Antenna Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C660-510535-A(SRF2023209)

REV.: X4

	MANUFACTURER	CUSTOMER
		SIGNATURE
APPROVED BY :	 Stone	
DATE :		

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

- 1.1 Frequency Range..... 5.935 ~ 7.125GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR 1.92 : 1 Max.
- 1.4 Return Loss..... 10 dB Min.
- 1.5 Radiation Omni-directional
- 1.6 2D Peak Gain..... 5.935 ~ 7.125GHz @ 3.93dBi
- 1.7 Cable Loss..... 1.7 dB Max.
- 1.8 Polarization..... Linear
- 1.9 Cable..... 1.37 low loss Coaxial Cable
- 1.10 Connector..... I-PEX MHF 4L Connector
- 1.11 Core..... NA

2. Physical Properties :

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

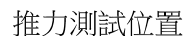
2

3

4

5

6

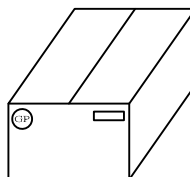
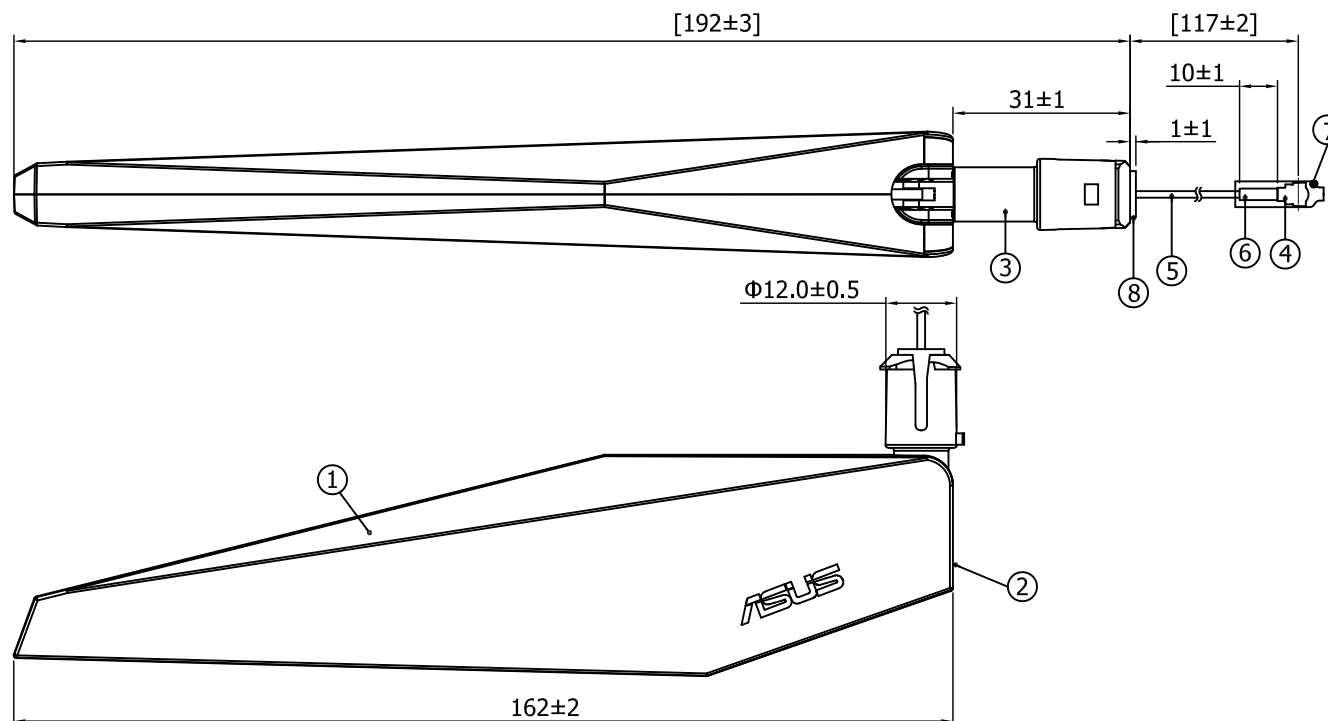
1

Packing:1PCS/bag

熱封留氣孔



Packing:10PCS/bag



GP標籤貼於紙箱側麥左上角(共2PCS)
外箱標籤貼於紙箱側麥右上角(共1PCS)

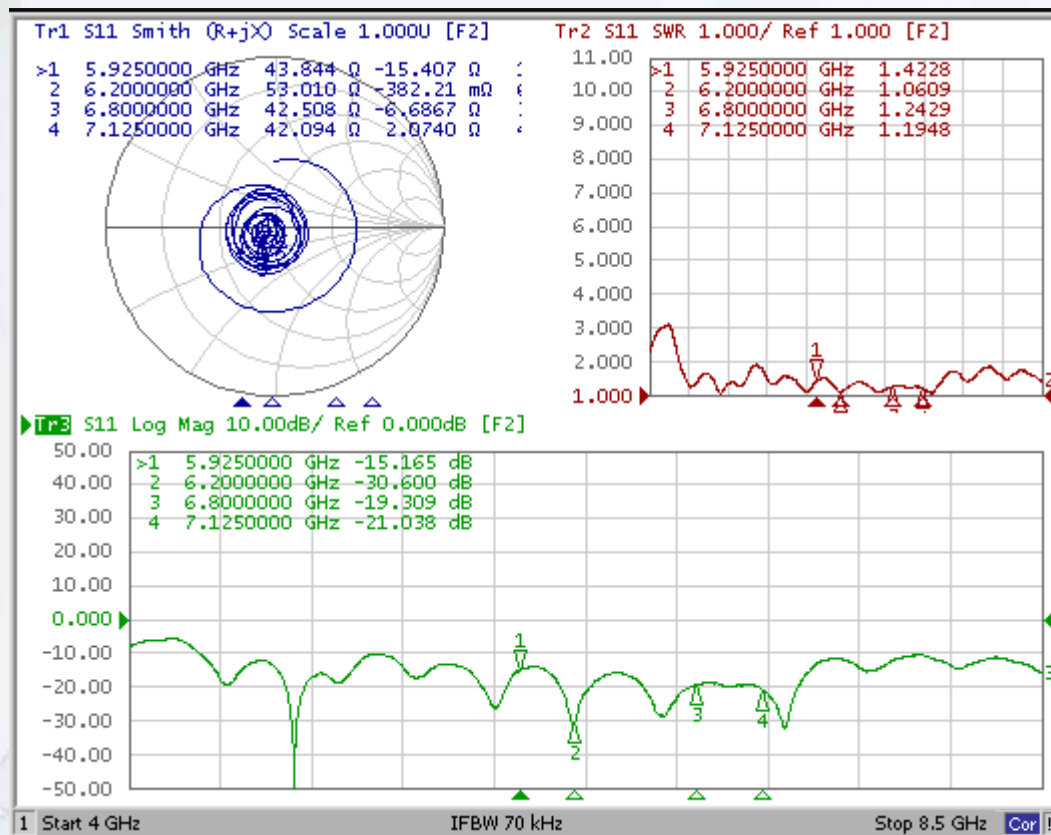
15

CUSTOMER: ASUS		
PART NO :		
PARTNAME: RF Antenna Assembly		
W.Y P/NO : C660-510535-A		
REV	UNIT	FILE : SRF2023209
X9	m/m	SHEET : 1/1

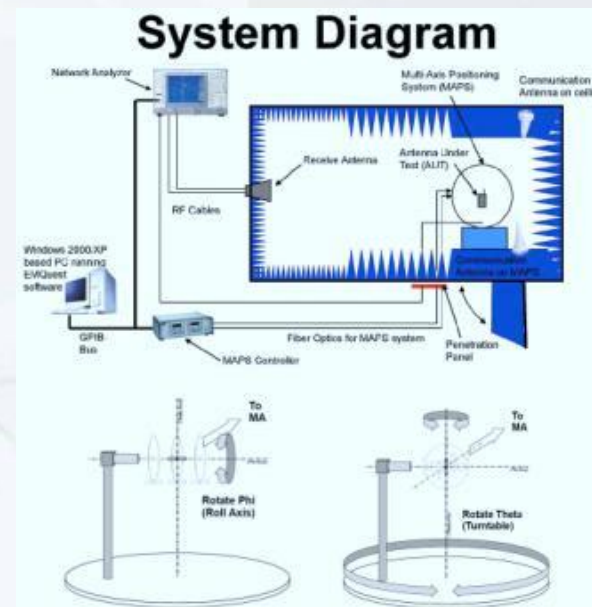
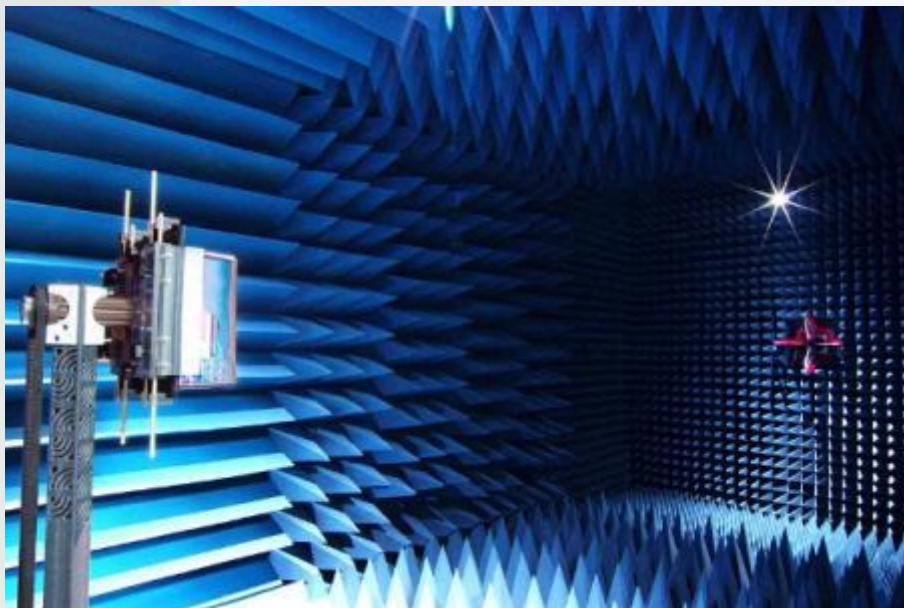
THIS DRAWING, AND IT'S INHERANT DESIGN CONCEPTS,
ARE THE PROPERTY OF WHA YU AND AS SUCH MAY NOT
BE COPIED, REPRODUCED, OR GIVEN TO THIRD PARTIES
WITHOUT THE WRITTEN CONSENT OF WHA YU.

Return Loss Results

ANT5 (59350MHz~7125MHz) (Criterion:>10 dB)



Chamber Information

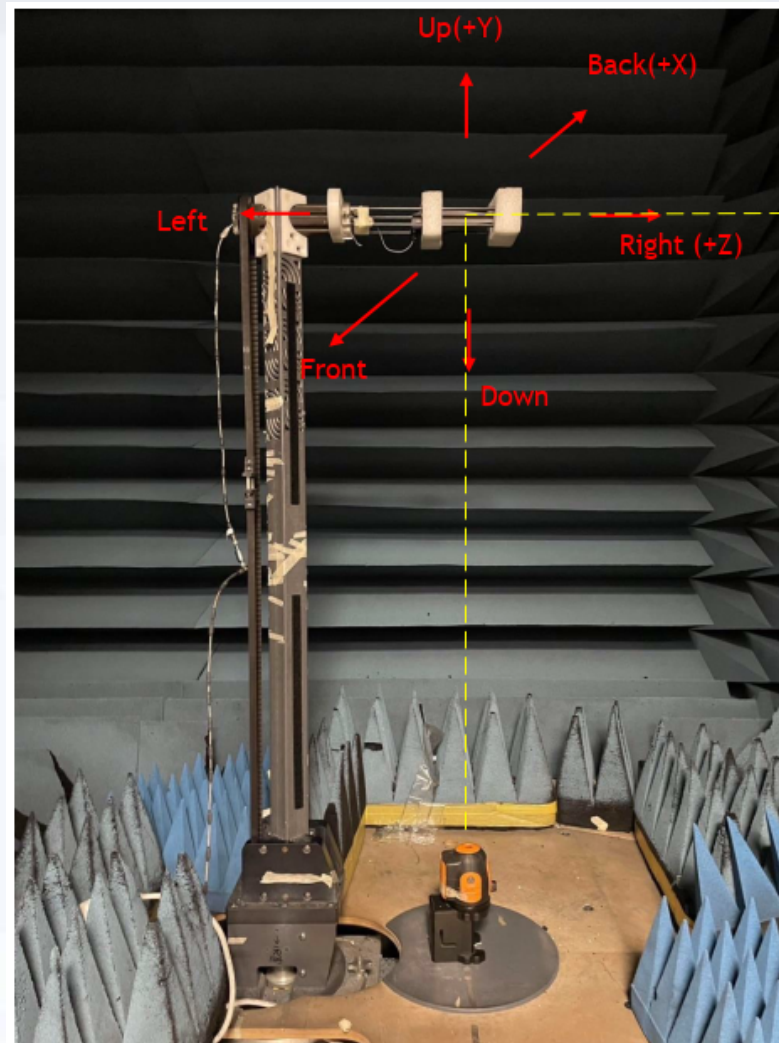


Chamber	Brand	Model	Location
ETS	ETS	AMS-8200	Taiwan HsinChu Whayu

依照CTIA 所規範的測試程序,進行場強的測試, 測試誤差<1dB

	θ	ϕ
Total angle	180°	360°
How many angle scan one point	5°	5°
Total scan point	36	72

Test Setup for Radiation Pattern Measurement



2D Radiation Pattern Results

Dipole_ANT5 (6G)

