



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

DONGGUAN AEON TECH CO.,LTD.(CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: ASUS

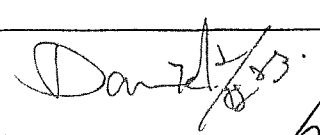
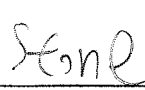
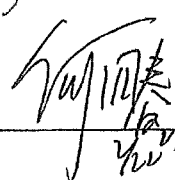
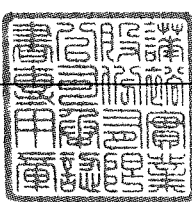
PART NAME: RF Antenna Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C660-510536-A(SRF2023210)

REV.: X4

	MANUFACTURER	CUSTOMER
		SIGNATURE
APPROVED BY :	  	
DATE :		

WHA YU GROUP

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

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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

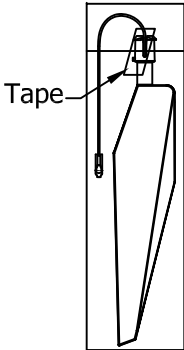
- 1.1 Frequency Range..... 5.935 ~ 7.125GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR 1.92 : 1 Max.
- 1.4 Return Loss..... 10 dB Min.
- 1.5 Radiation Omni-directional
- 1.6 2D Peak Gain..... 5.935 ~ 7.125GHz @ 4.22dBi
- 1.7 Cable Loss..... 1.6 dB Max.
- 1.8 Polarization..... Linear
- 1.9 Cable..... 1.37 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

CG-

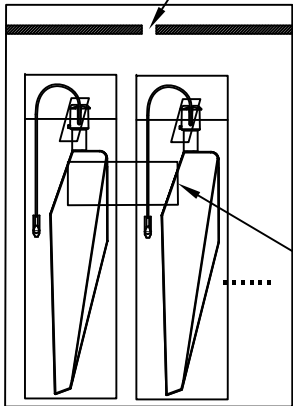
F		G	
REV	DATE	DESCRIPTION	
X1	10/07-2020	New Issue	
X8	02/16-2022	修改客戶料號、增加備註	
X9	02/22-2023	刪除下固備註T3	



Tape-

Packing:1PCS/bag

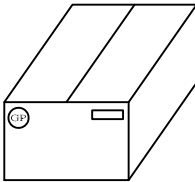
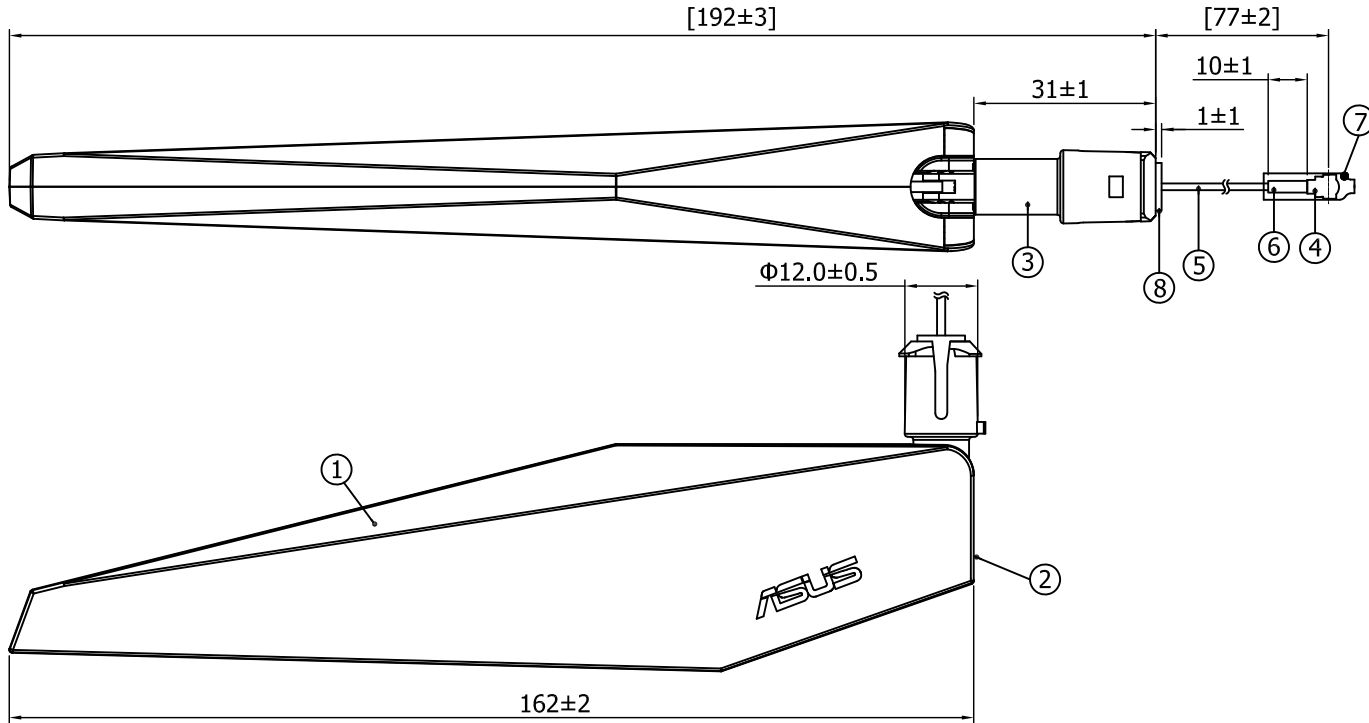
熱封留氣孔



Label

Packing:10PCS/bag

推力測試位置



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)

8	EVA	Φ8.5*15 mm	1	
7	Tube	Φ2.35*20 mm	1	
6	H.S Tube	Heat Shrink Tube;Blue[藍色]	1	
5	Cable	Φ1.37mm Low Loss Cable;Gray[灰色]	1	
4	Connector	I-PEX MHF 4L Plug	1	
3	Antenna Base	(CD-1718)PC ;Color:Black[黑色]	1	
2	Back Cover	(CD-1739)PC/ABS Cover;岩版灰	1	
1	Antenna Cap	(CD-1738)ABS ;Color:Black[黑色]	1	
NO	DESCRIPTION		Q'TY	REMARK

XXX.	±5.0	APPROVED Spring
XX.	±3.0	
X.	±1.0	CHECKED
.X	±0.5	
.XX	±0.2	DRAWING 白玉俠
		

CUSTOMER: ASUS

PART NO :

PARTNAME: RF Antenna Assembly

W.Y P/NO : C660-510536-A

REV	UNIT	FILE	:	SRF2023210
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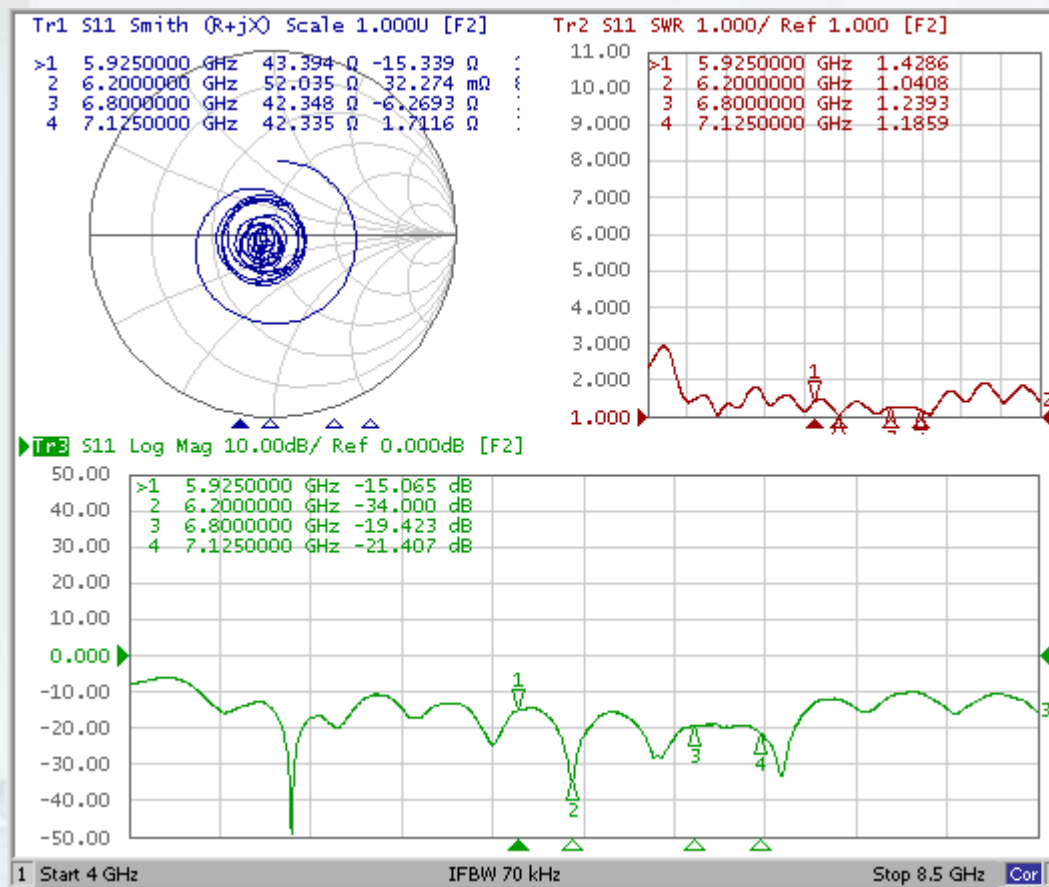
X9	m/m	SHEET :	1/1
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M.gear Wha Yu Group

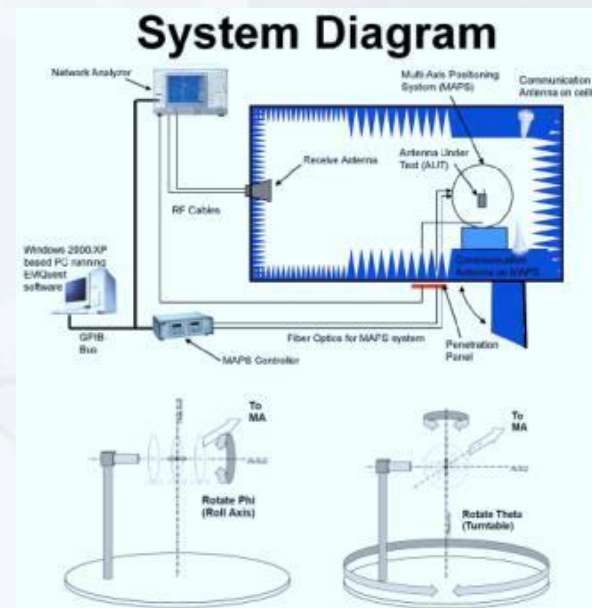
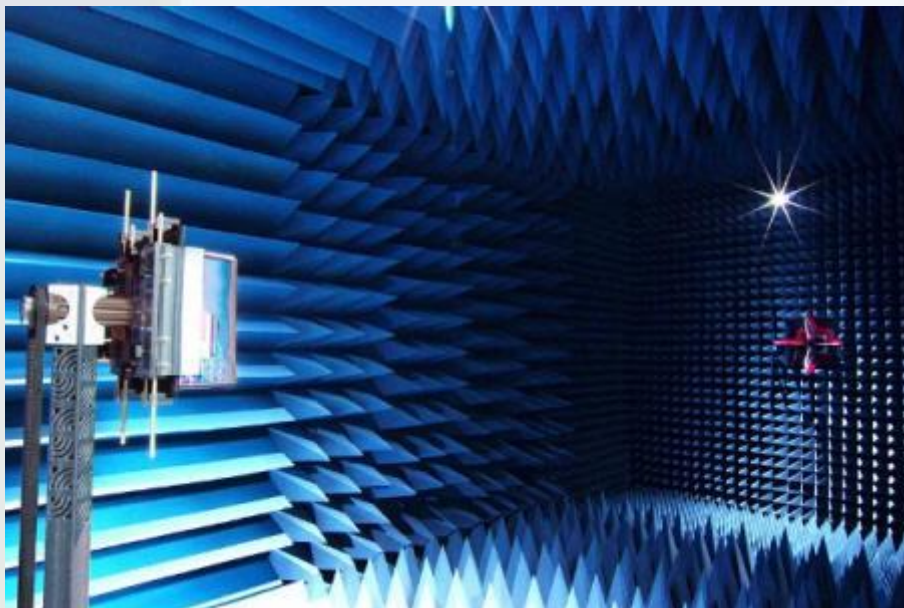
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Return Loss Results

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



Chamber Information

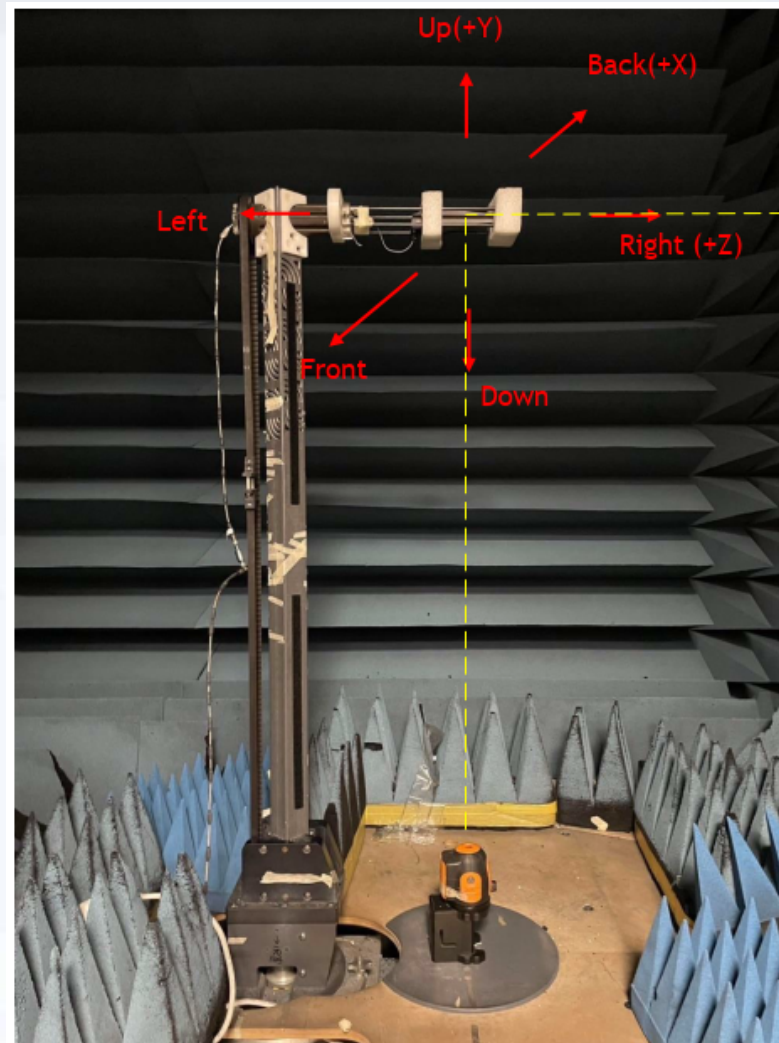


Chamber	Brand	Model	Location
ETS	ETS	AMS-8200	Taiwan HsinChu Whayu

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_ANT6 (6G)

