



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

DONGGUAN AEON TECH CO.,LTD.(CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: ASUS

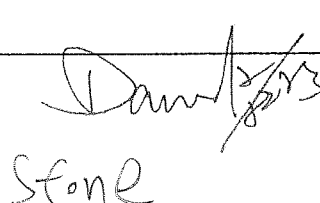
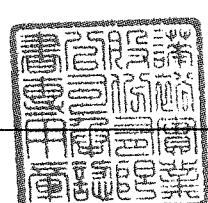
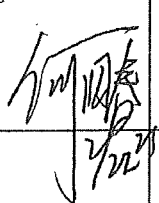
PART NAME: RF Antenna Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C660-510537-A(SRF2023211)

REV.: X4

	MANUFACTURER	CUSTOMER
		SIGNATURE
APPROVED BY :	 Stone	
DATE :		

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

Tel: +86-769-85655858

Fax: +86-769-85655258

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RF Antenna Assembly

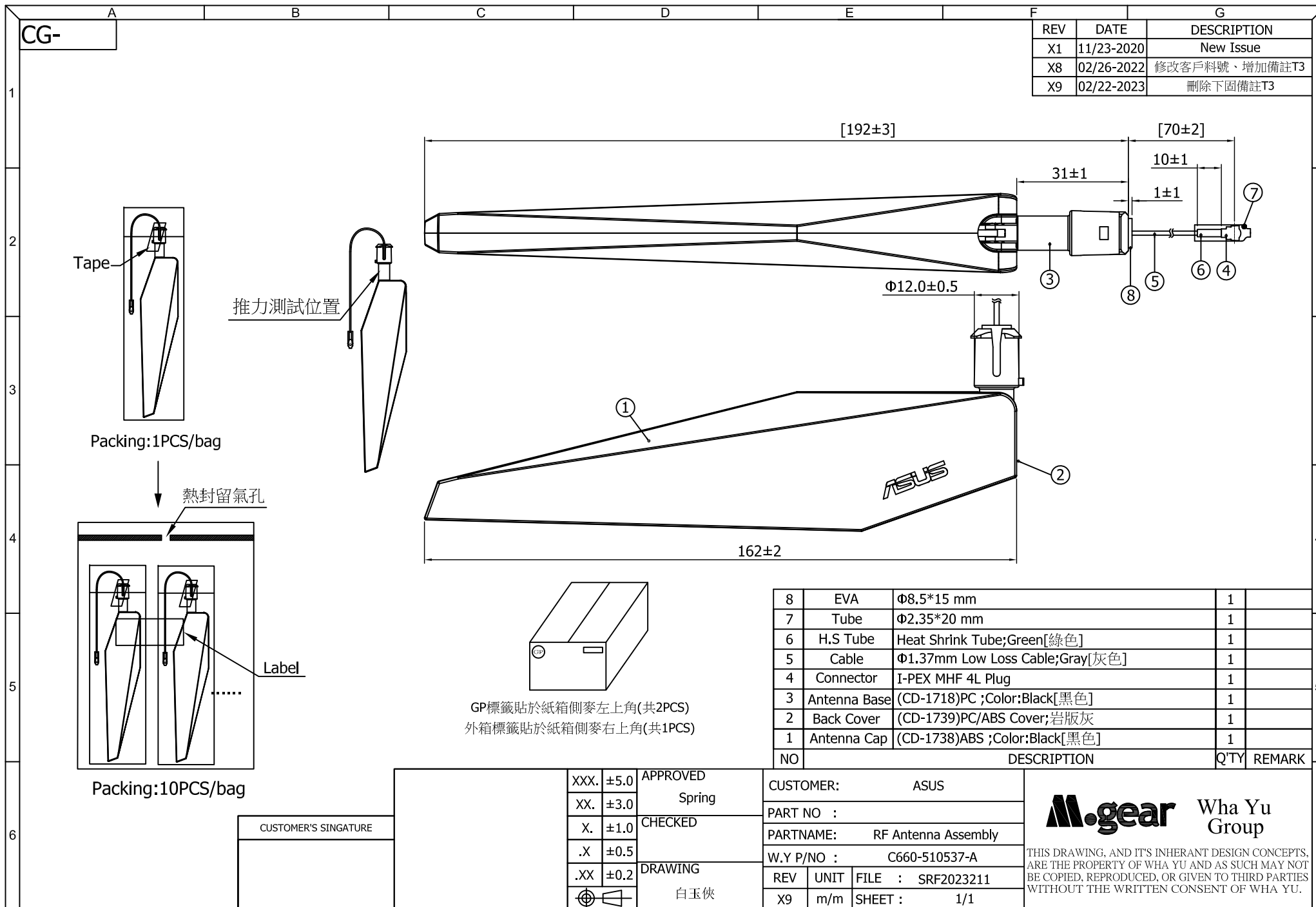
Specification

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 @ 3.95dBi
- 1.7 Cable Loss..... 1.5 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

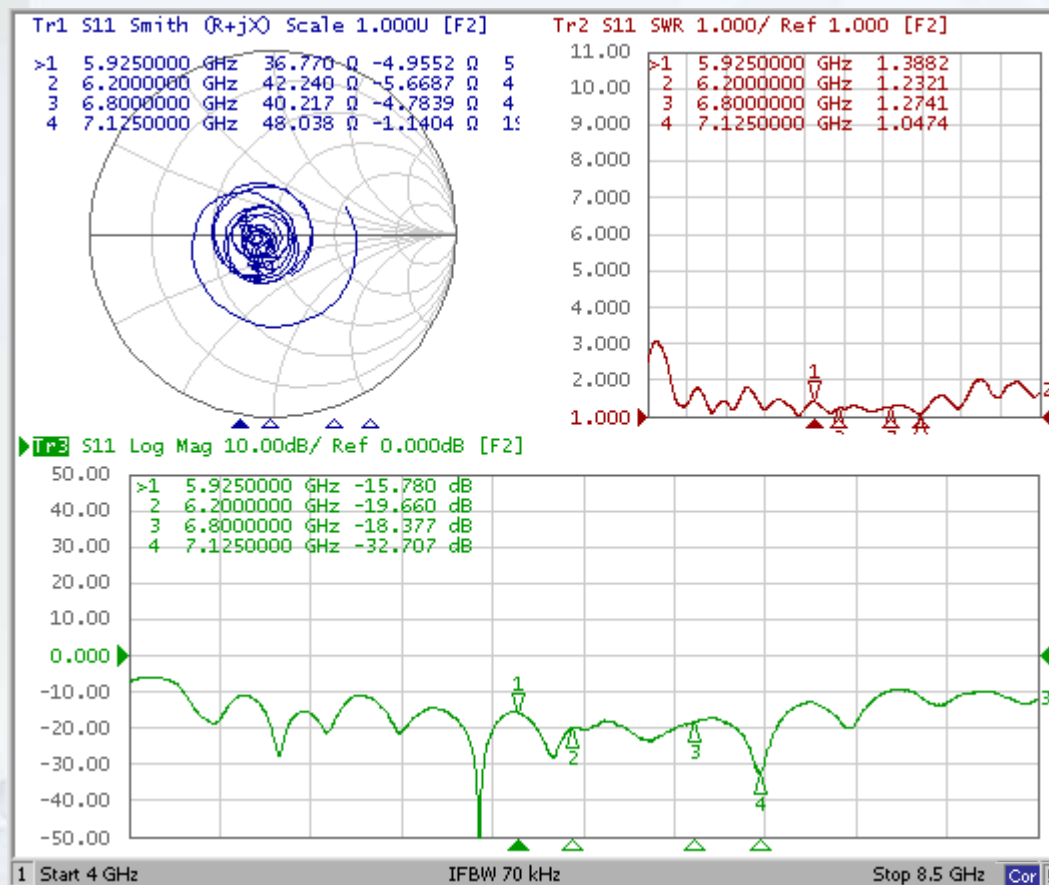
2. Physical Properties :

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

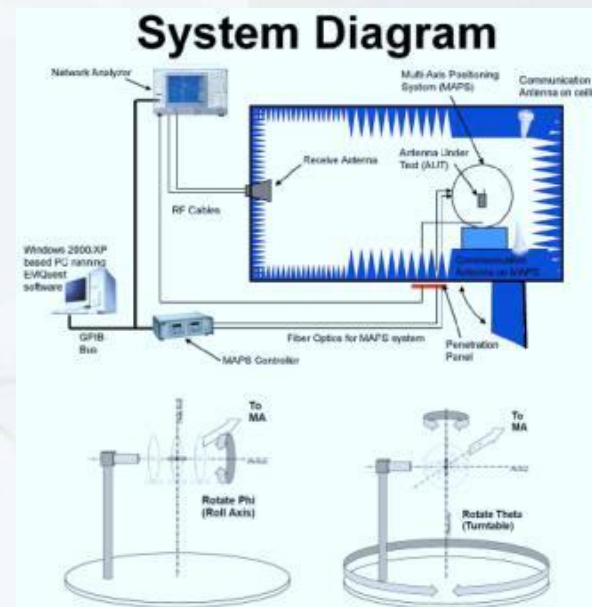
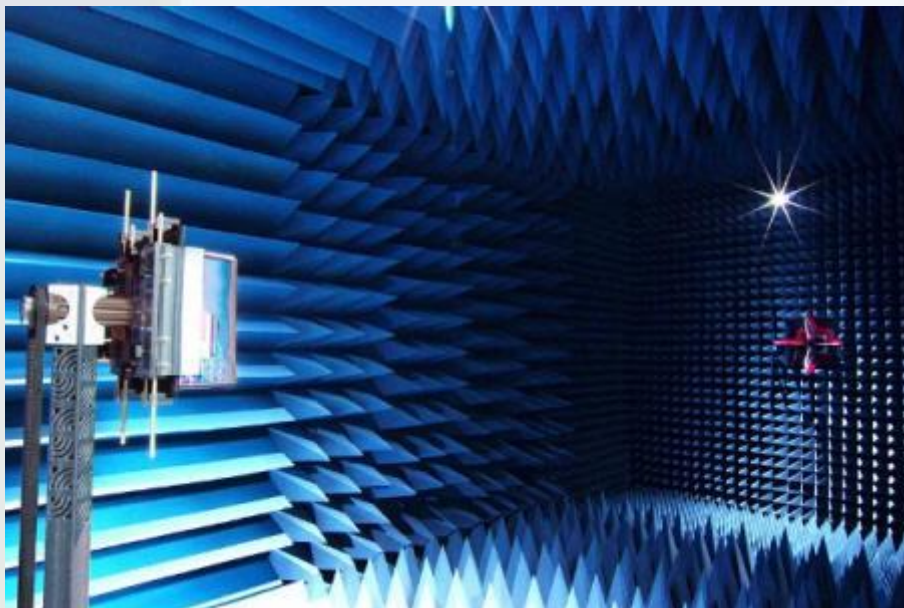


Return Loss Results

ANT7 (59350MHz~7125MHz) (Criterion:>10 dB)



Chamber Information

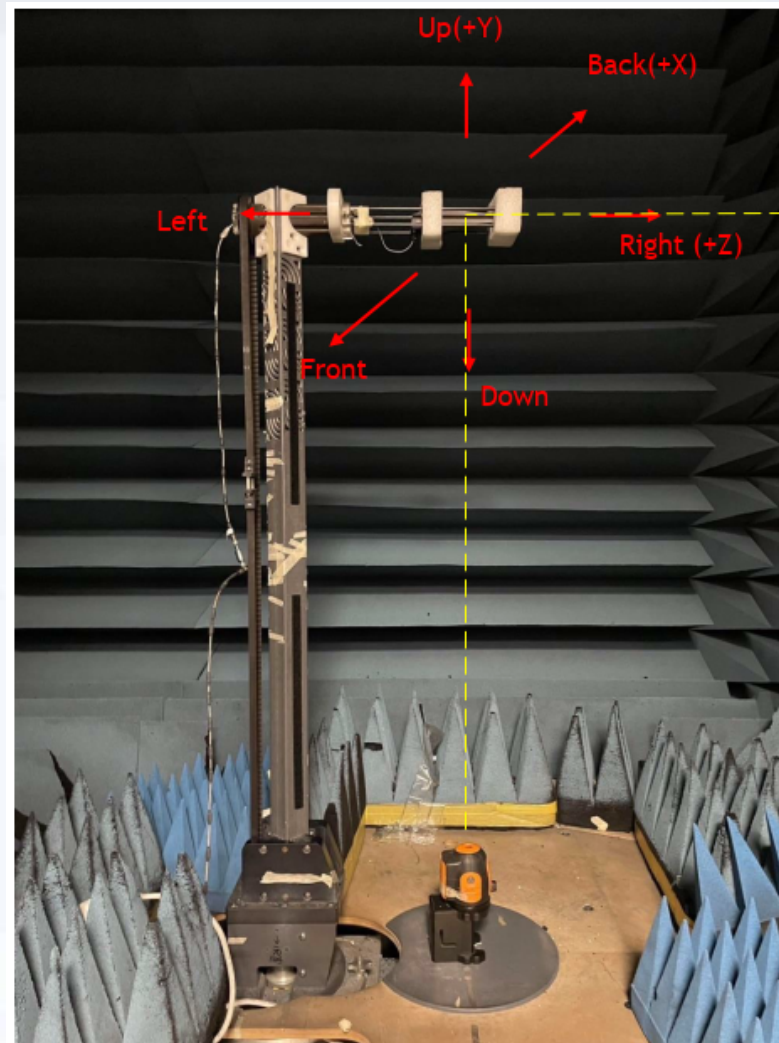


Chamber	Brand	Model	Location
ETS	ETS	AMS-8200	Taiwan HsinChu Whayu

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_ANT7(6G)

