

# 承 認 書

APPROVAL

廠 商  
CUSTOMER

神準科技股份有限公司

料 號 7102A0558000

PART NO.

品 名 ANT DIPOLE 2.4/5GHz A8EEE-000002 BLACK  
PARTNAME

生產廠商 AWAN\_連騰  
COMPANY

備 註

PART NO

日 期 2022.07.25

DATE

產品重量(g):

WEIGHT 12.5G

產品主要材質:

MAIN MATERIAL 線+塑件+PCB+SMA

公 司

COMPANY 連騰科技股份有限公司

地 址

ADDRESS 新北市新店區北新路三段207-1號B2-F室

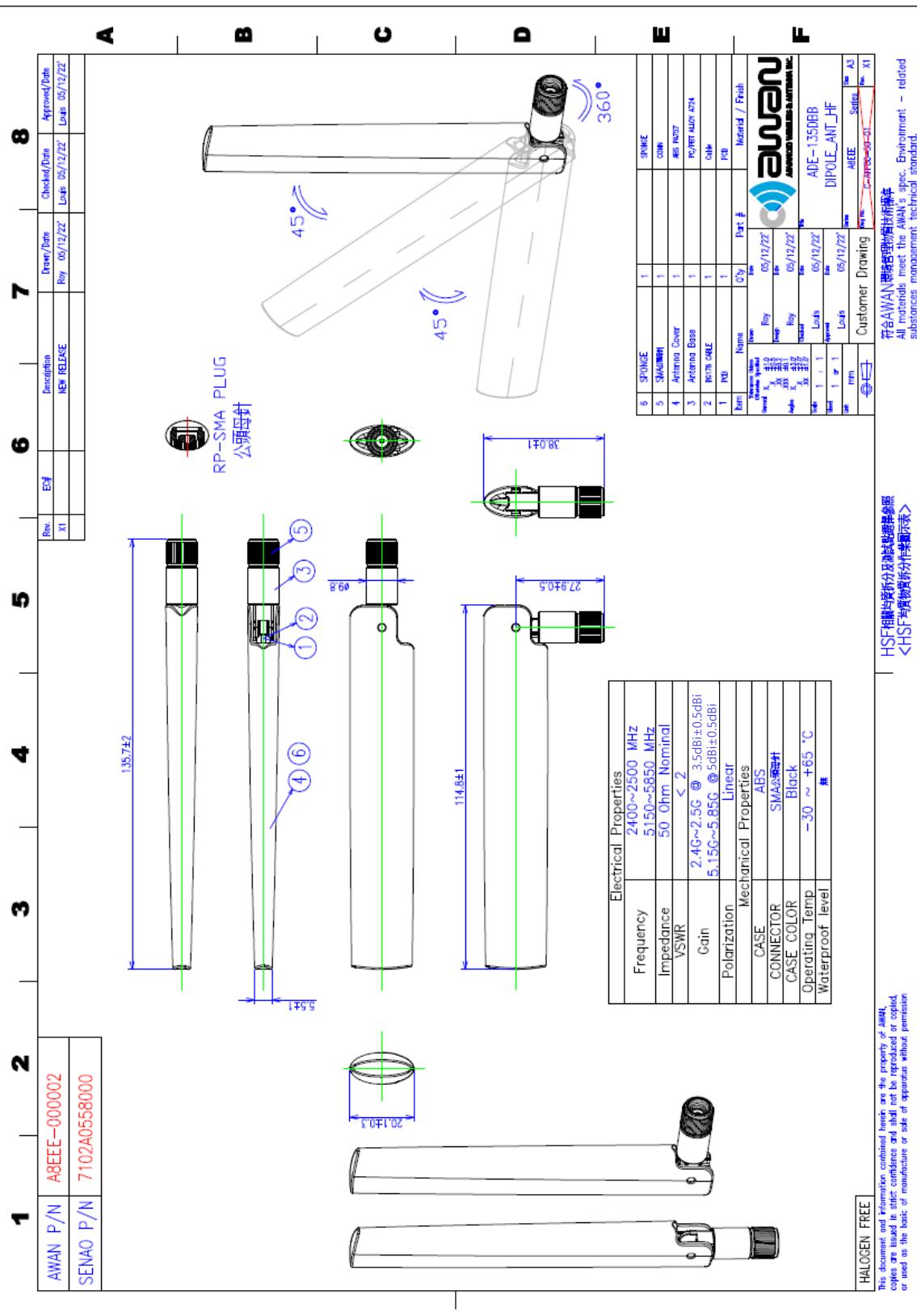
Rm. F, B2., No. 207-1, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City 231033 , Taiwan (R.O.C.)

電 話 :

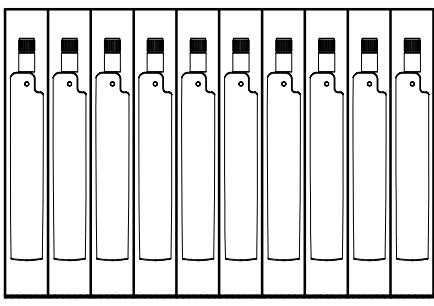
傳真 :

TELEPHONE

FAX



Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		New Release	Roy 07/21/22	Louis 07/21/22	Louis 07/21/22



排袋尺寸305\*205\*0.1mm



1

6

18

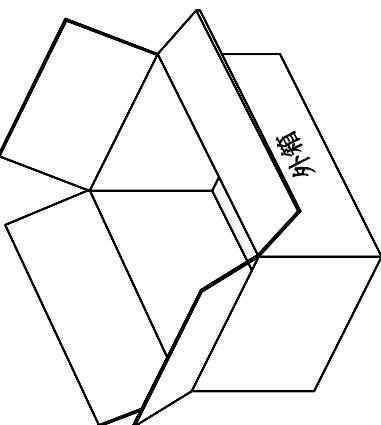
—

66

Part Number	PCS/箱	PCS/FE Bag	PCS/Carton	N.W(kgs)	G.W(kgs)
A8EEE-000002	10	50	500		

## 10 PCS產品 / 排袋

卷之三



500 PCS 產品/箱  
外箱尺寸：31\*30\*20 CM

50 PCS產品/PE袋

每個PE袋上需加貼1 PCS標籤

客戸 P/N:  
XXXXXXXXXXXX  
Q: 50 PCS

Name/Last, First, Middle Initial Other Name, Specific General		Drawn Date 07/21/22'	Design Date 07/21/22'	Title 07/21/22'	
				Advanced Wireless & Antennas, Inc.	
Anytime Scalable		Drawn Date 07/21/22'	Design Date 07/21/22'	Title 07/21/22'	
				ADE-1350BB Dipole Ant PACKAGE DRAWING	
Sheet 1 or 1 1/1 mm		Series ABEEE	Series P-ABEEE-03-00	Size A3	Size X1
 					

HSF相關均質拆分及測試點選擇參照  
<HSF均質物質拆分作業圖示表>

符合AWAN環境管理物質技術標準  
All materials meet the AWAN's spec. Environment – related substances management technical standard.

## 材料组成表

厂商: 昆山展騰電子科技有限公司

---

机种 : ADE-135DBB\_DIPOLE-ANT 12.5g

---

料号 : A8EEE-000002

料号/品名	材料组成 (须至均质单位)	供應商
線	RG178同軸線棕色	AWAN
PCB	FR4	AWAN
桿套	ABS黑色	AWAN
SMA頭	公頭母針黑色半塑	AWAN
下固定座	PC+ABS黑色	AWAN





SHARE  
YOUR  
LIFE

# AWAN Dipole\_DB\_band 135mm Report

*ADVANCED WIRELESS & ANTENNA  
INC.*

# Contents

- Antenna proposal and specification
- Measurement data

# Contents

Antenna proposal and specification

Measurement data

# Antenna proposal and specification



## Antenna Proposal

### Antenna type

- Dipole array

### Measurement data

#### VSWR

- VSWR < 2

#### Peak Gain

- $2.4 \sim 2.5\text{ G}$   $3.5\text{dBi} \pm 0.5\text{dBi}$
- $5.15 \sim 5.85\text{G}$   $5\text{dBi} \pm 0.5\text{dBi}$

#### Efficiency

- $2.4 \sim 2.5\text{ G}$   $60 \sim 70\text{ \%}$
- $5.15 \sim 5.85\text{G}$ .  $60 \sim 75\text{ \%}$

# Contents

Antenna proposal and specification

Measurement data

- VSWR
- Radiation pattern(2D & 3D)
- Gain table

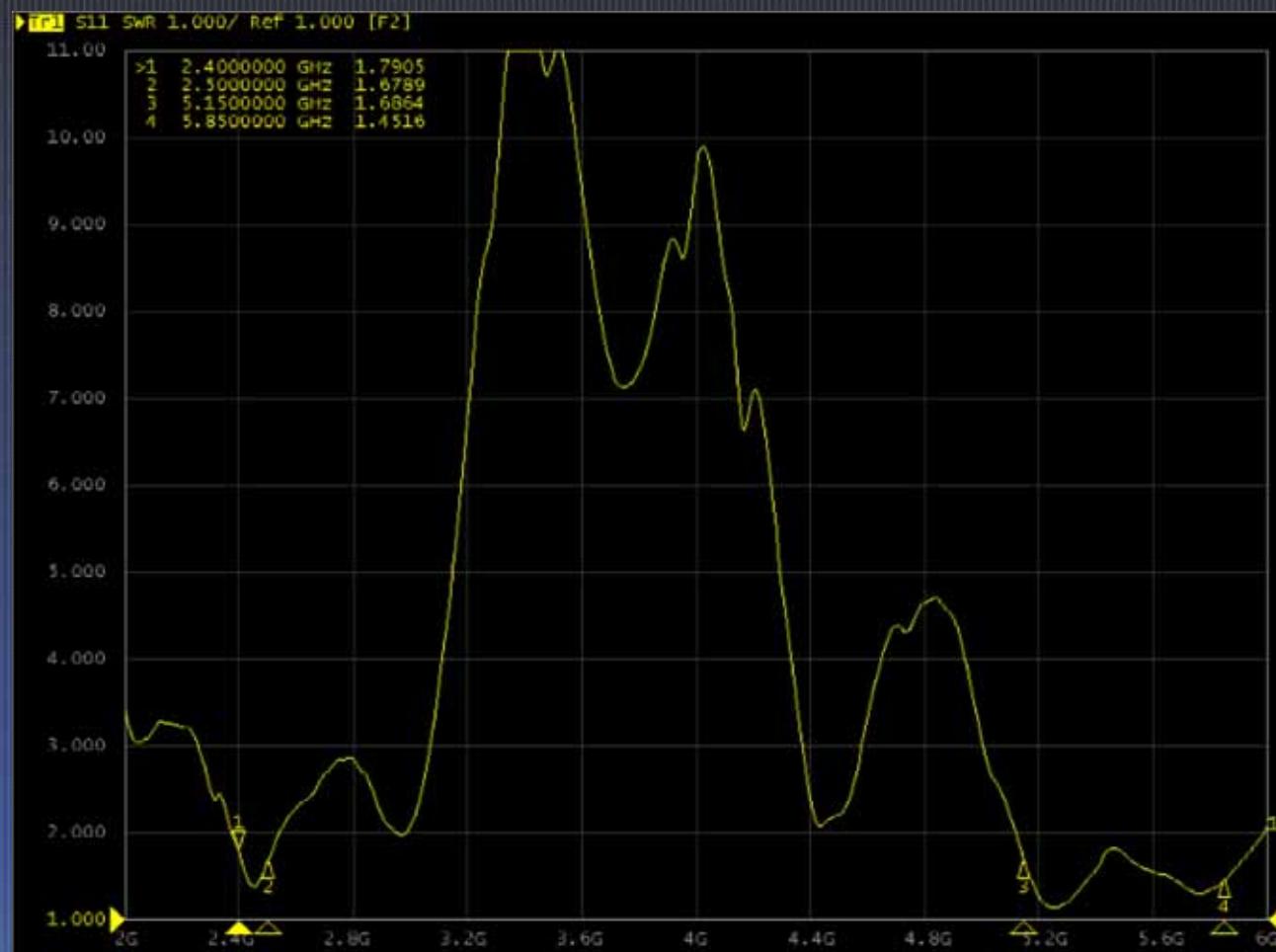
# Contents

Antenna proposal and specification

Measurement data

- VSWR
- Radiation pattern (2D & 3D)
- Gain table

# Return Loss



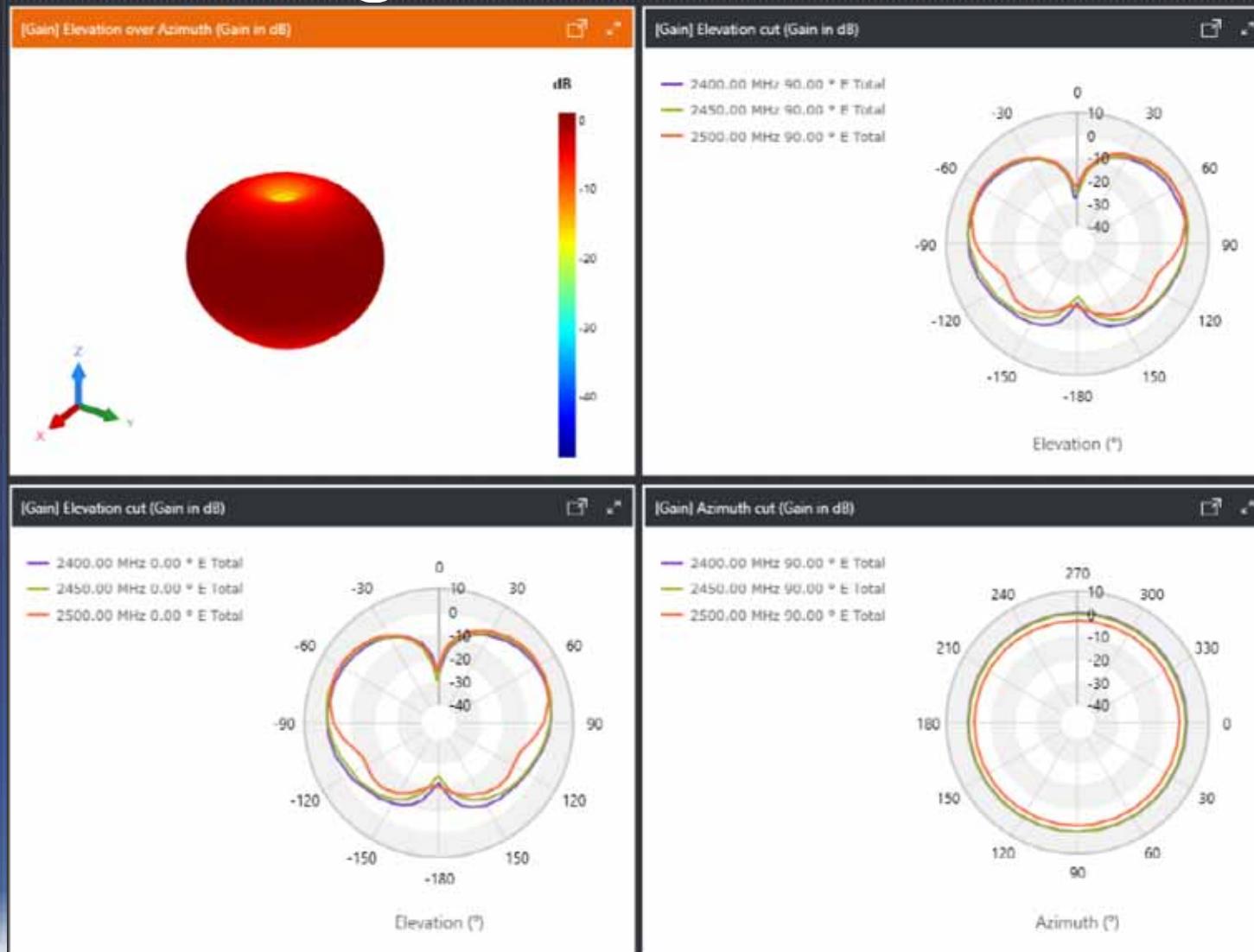
# Contents

Antenna proposal and specification

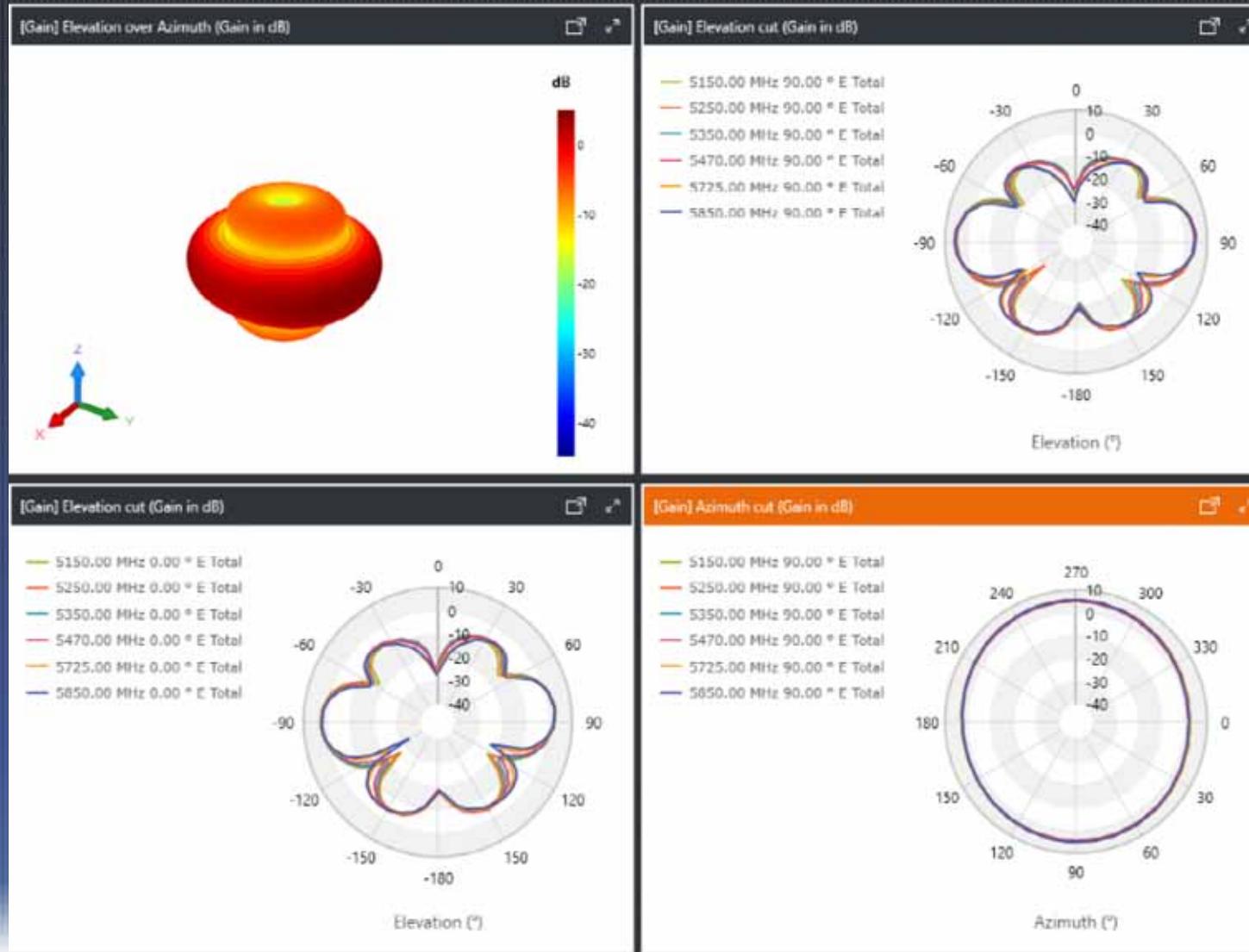
Measurement data

- VSWR
- Radiation pattern (2D & 3D)
- Gain table

# 2D & 3D Radiation @2GHz



# 2D & 3D Radiation @5GHz



# Contents

Antenna proposal and specification

Measurement data

- VSWR
- Radiation pattern (2D & 3D)
- Gain table

## EFF. & Peak Gain

Frequency (MHz)	E-total (dBi)	Efficiency (dB)	Efficiency (%)
2400	3.45	-1.96	63.68
2450	3.55	-1.78	66.37
2500	3.43	-2.10	61.66
5150	4.85	-1.79	66.22
5250	5.01	-1.38	72.78
5350	5.03	-1.78	66.37
5470	5.18	-1.49	70.96
5725	5.20	-1.95	63.83
5850	5.14	-1.65	68.39



**Cawan**  
**THANK YOU**