

承認書

APPROVAL

廠 商
CUSTOMER

神準科技股份有限公司

料 號
PART NO.

7102A0558000

品 名
PARTNAME

ANT DIPOLE 2.4/5GHz A8EEE-000002 BLACK

生產廠商
COMPANY

AWAN_連騰

備 註
PART NO

日 期
DATE

2022.07.25

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

電 話 :

TELEPHONE

傳 真 :

FAX

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

1

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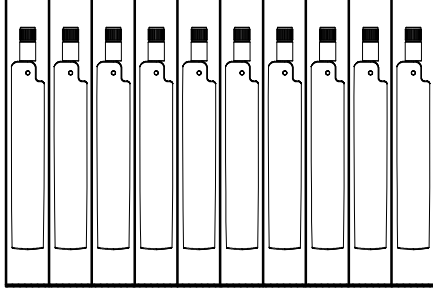
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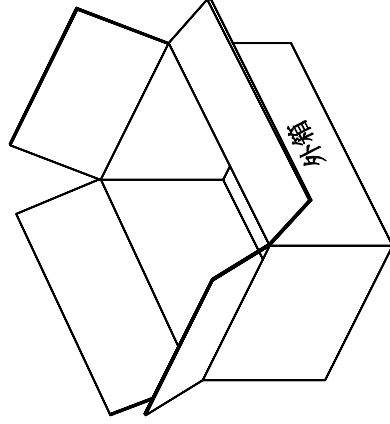
Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		New Release	Roy 07/21/22	Louis 07/21/22	Louis 07/21/22

排袋尺寸305*205*0.1mm



10 PCS產品/排袋

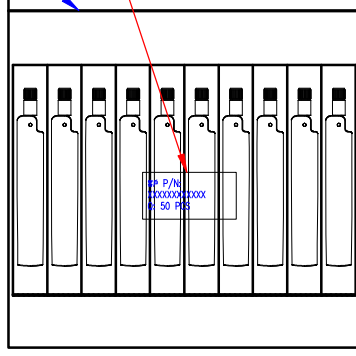
外箱使用透明膠帶工字型封裝



500 PCS產品/箱

外箱尺寸：31*30*20 CM

PE袋尺寸250*250*0.1mm



夾鍵

每個PE袋上需加貼1 PCS標籤

客戶 P/N:
XXXXXXXXXXXX
Q: 50 PCS

HALOGEN FREE

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HSF相關均質成分及測試點選擇參照
<HSF均質物質分作業圖示表>

AWAN ADVANCED WIRELESS & ANTENNA, INC.	Drawn Roy 07/21/22	Checked Roy 07/21/22	Approved Louis 07/21/22	Part No. P-ABEE-03-00	Series A8EE	Size A3	Rev. X1
ADE-135DBB_Dipole_Ant PACKAGE DRAWING							

符合AWAN環境管理技術標準
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





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 ~ 2.5 G 3.5dBi ± 0.5dBi •5.15 ~ 5.85G 5dBi ± 0.5dBi
Efficiency	•2.4 ~ 2.5 G 60 ~ 70 % •5.15 ~ 5.85G. 60 ~ 75 %

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

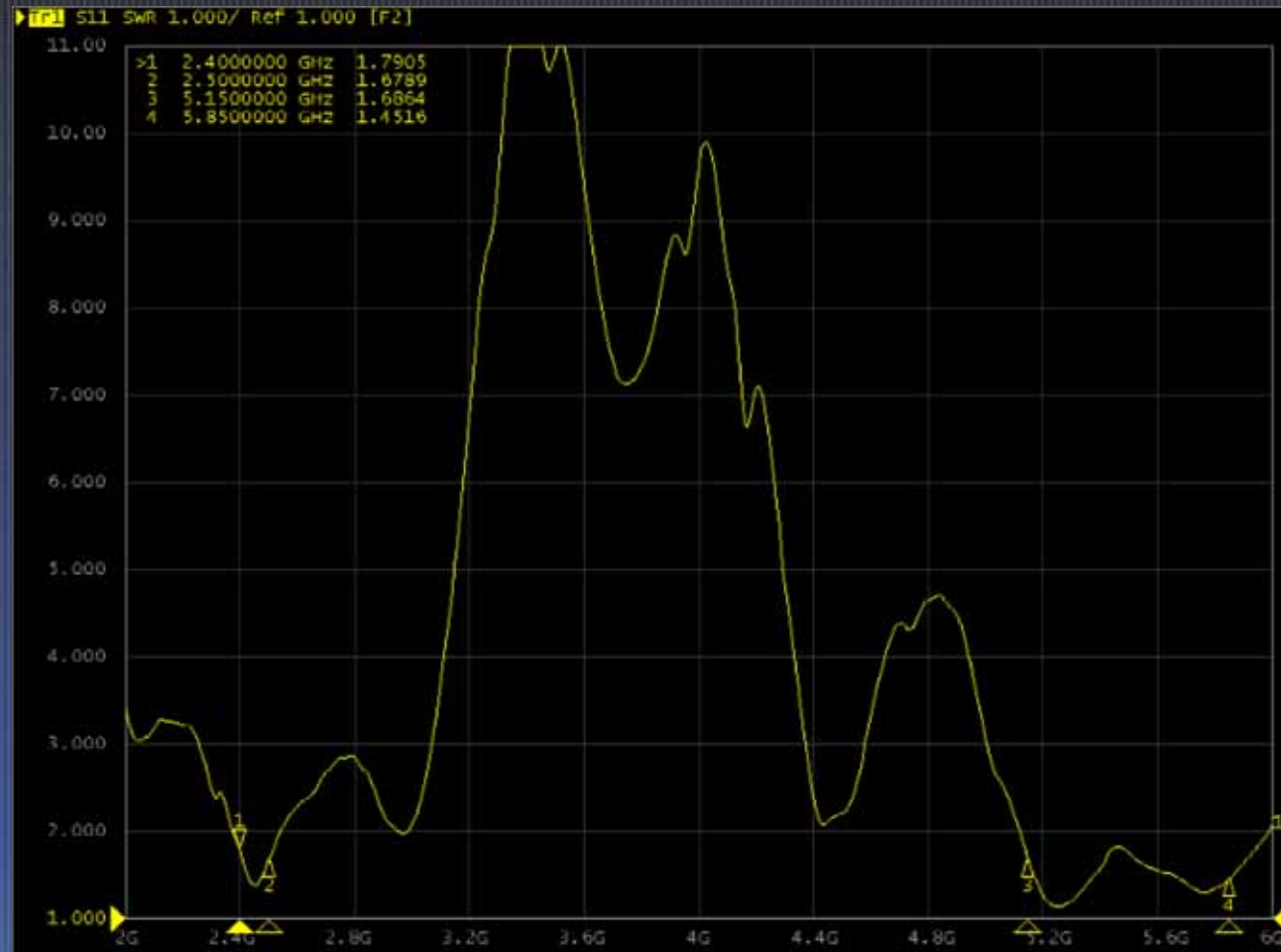
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Return Loss



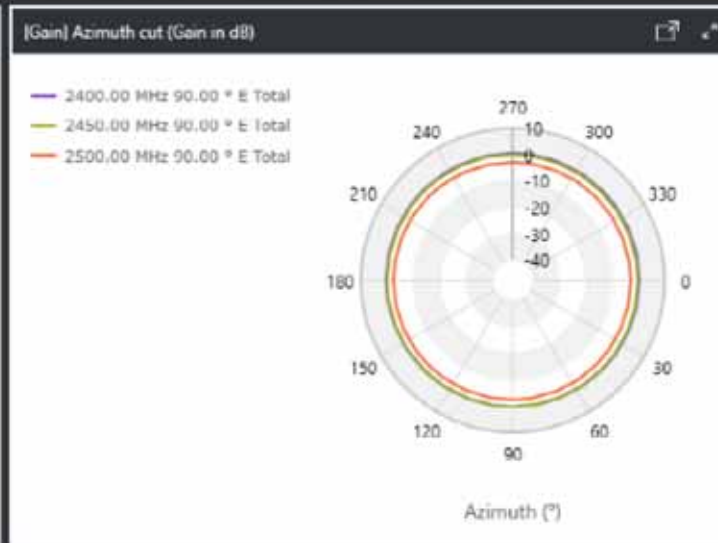
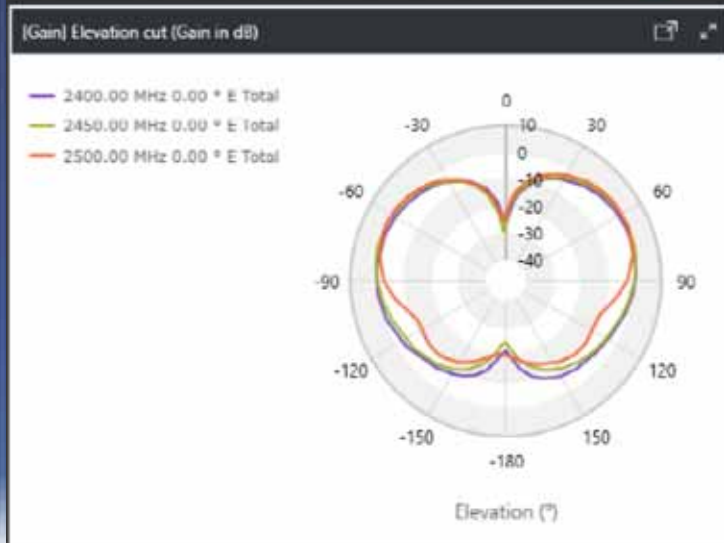
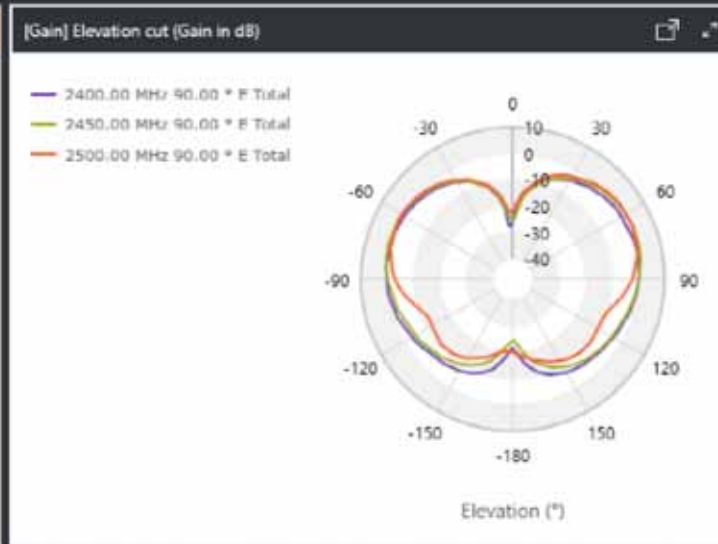
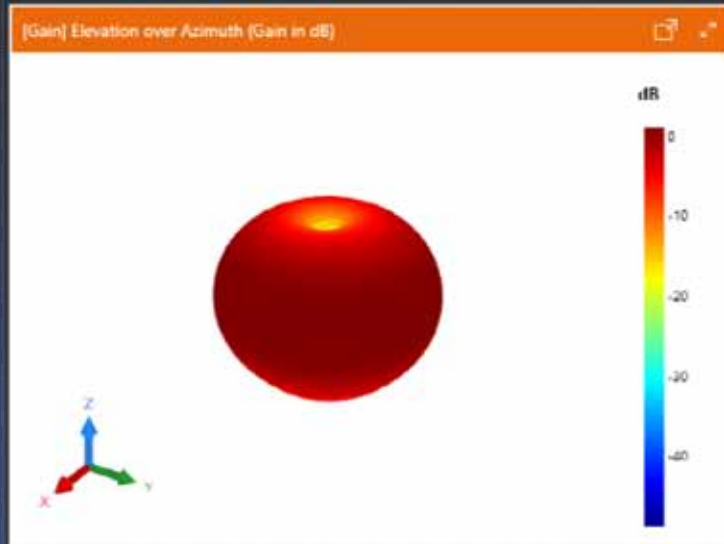
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Antenna proposal and specification

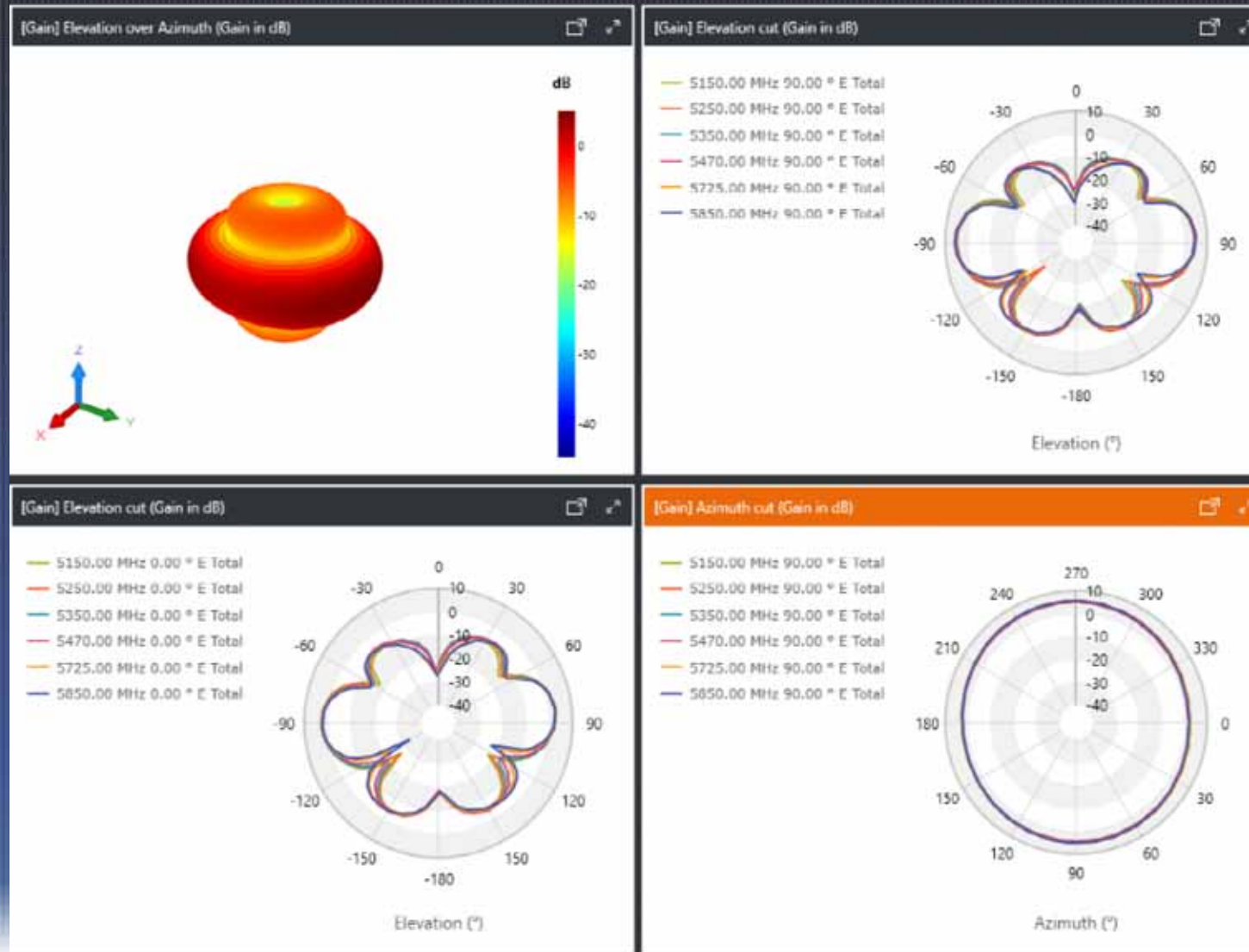
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2D & 3D Radiation @2GHz



2D & 3D Radiation @5GHz



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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



THANK YOU