

客戶名稱 :
CUSTOMER

Teltonika

Document No.: _____.

Approval Sheet Rev.: _____ A3 _____.

Spec. Rev. : _____ A3 _____.

承認書

APPROVAL SHEET

產品品名/Product Model No. : RFDPA171300SBAB825

客戶料號/Customer No. : _____

發行日期/ Issue Date : 2024/9/30

承認日期/ Approved Date : 2024/9/30

Approved by customer: (signing or stamping here)



佳邦科技股份有限公司

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品名：RFDPA171300SBAB825

History List

版本 REV.	修訂者 EDITOR	修訂頁 次 PAGE	修訂內容 ITEMS OF CHANGE	申請日期 DATE	生效日期 VALID DATE	ECN 編號 ECN NO.
A0	Darrenwang	ALL	New Release	2023/2/30	According to the date of PLM Release	N/A
A1	Darrenwang	6	Change packing specifications	2023/4/6	According to the date of PLM Release	N/A
A2	Darrenwang	6	Change packing specifications	2023/5/29	According to the date of PLM Release	N/A
A3	Darrenwang	6	Add Radiation Pattern	2024/9/30	According to the date of PLM Release	N/A

UNLESS OTHER SPECIFIED TOLERANCES ON :
X = N/A X.X = N/A X.XX = N/A
ANGLES = N/A HOLEDIA = N/A



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SCALE : N/A

UNIT : mm

DRAWN BY : 詹惠雯

CHECKED BY : 詹惠雯

DESIGNED BY : 黃瑞郎

APPROVED BY : 陳振榮

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TITLE : RFDPA171300SBAB825

DOCUMENT
NO.

ENS070028020-000821110704

SPEC REV.
A3

品名：RFDPA171300SBAB825

1. Explanation of part number：

RF	DPA	1713	00	S	B	A	B	8	25	
Type Code	Product Code	PCB Dimension (Unit: mm)	Cable Length (unit: cm)	Connector Brand	Type of Connector	Application	Project status	Wire Diameter	Project	Customer P/N
Walsin RF Device	Dipole Antenna	Per 2 digits of length, width e.g.: 3087 Length 30.0mm, Width ϕ 87.5mm	2 digits for cable length e.g.:1A Cable Length: 1000~1999	A: N C:MCX D:IPEX III E: IPEX IV F: IPEX A13 H: Hirose I: IPEX M: MMCX S: SMA T: TNC U:MURATA N: None	A: Reverse Female B: Reverse Male F: Female M: Male N: None	0: 0GHz 3: 3GHz 5: 5GHz 6: 6GHz A: 2.4GHz ISM band B: GSM 900/1800 dual band G: GPS band L: 2.4/5.2/5.8 GHz tri-band R:902~928 MHz N: NFC T: LTE band W: WCDMA band	B: MP T:During Test X: Pile Run	0:None 1: ϕ 0.81 2: ϕ 1.32 3: ϕ 1.13 4:Low Loss ϕ 1.13 5: ϕ 0.5 6:RG316 7: ϕ 1.37 8:RG178 9:Low Loss ϕ 1.37 A:RG174	01~99 series number	

2. Electrical Specification：

Item	Specification
Working Frequency Range	2400 ~ 2500 MHz
VSWR	2.5 max.
Gain	≤ 5 dBi
Impedance	50 Ω

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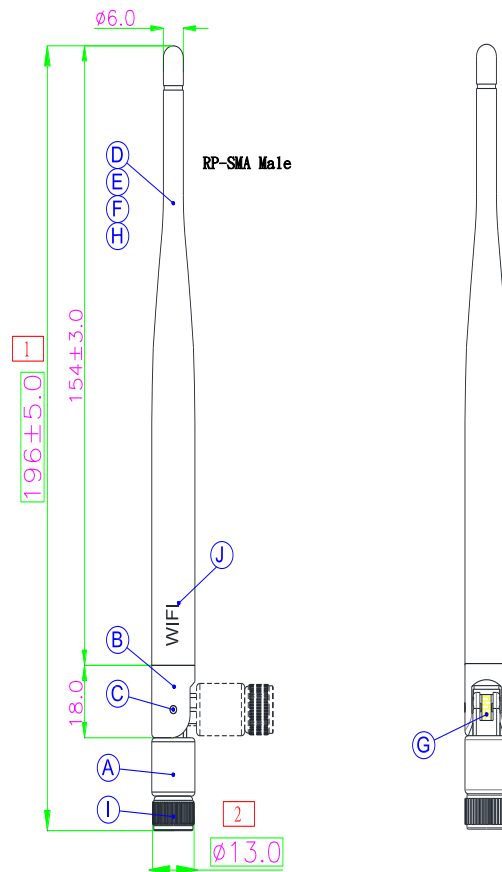
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3. Antenna Drawing :



NO.	DESCRIPTION	MAT'L	Color	Q'TY
A	Antenna Down Base	PC+PBT	Black (024+UV)	1
B	Antenna Up Base	PC	Black (024+UV)	1
C	Rivet	POM	Black	2
D	Antenna Cover	TPEE	Black (024+UV)	1
E	Brass Tube	Brass	--	1
F	Spring	SUS	--	1
G	RG178 CABLE	--	Brown	1
H	TUBE	CB-HFT	Black	1
I	Connector Reverse SMA Plug (公头母针)	--	Black	1
J	"WIFI" Marking	--	White	1

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ANGLES=N/A HOLEDIA=N/A



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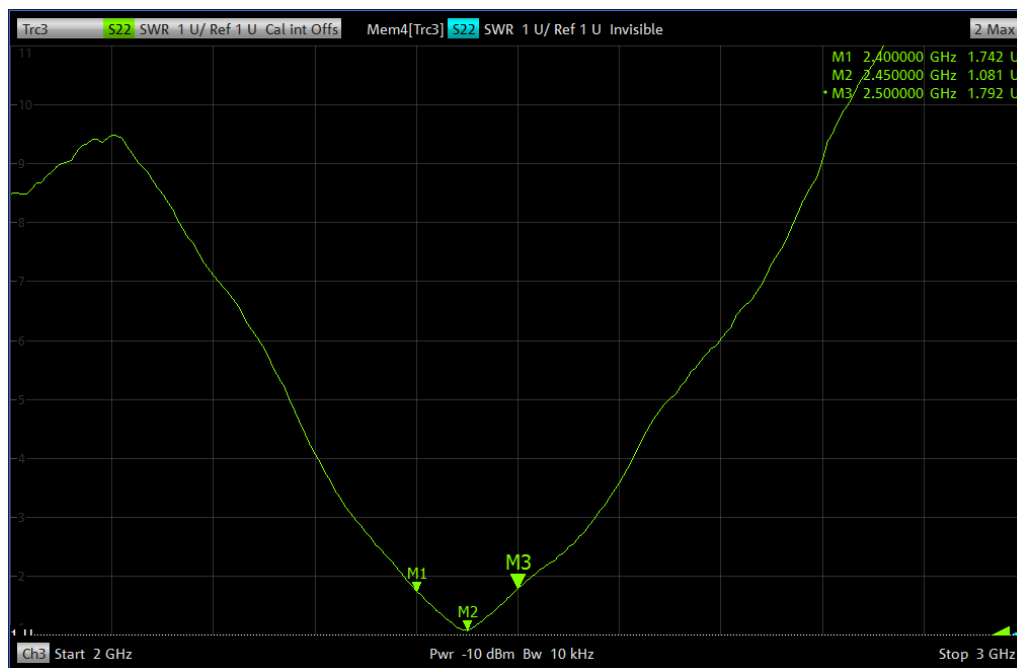
ENS070028020-000821110704

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A3

4. Antenna Photo :



5. Test Data



Frequency (MHz)	2400	2450	2500
VSWR	≤2.5	≤2.0	≤2.5

UNLESS OTHER SPECIFIED TOLERANCES ON :
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Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Peak Gain (dBi)
2400	-0.89	81.41	4.44
2450	-0.42	90.75	4.81
2500	-0.76	83.90	4.56

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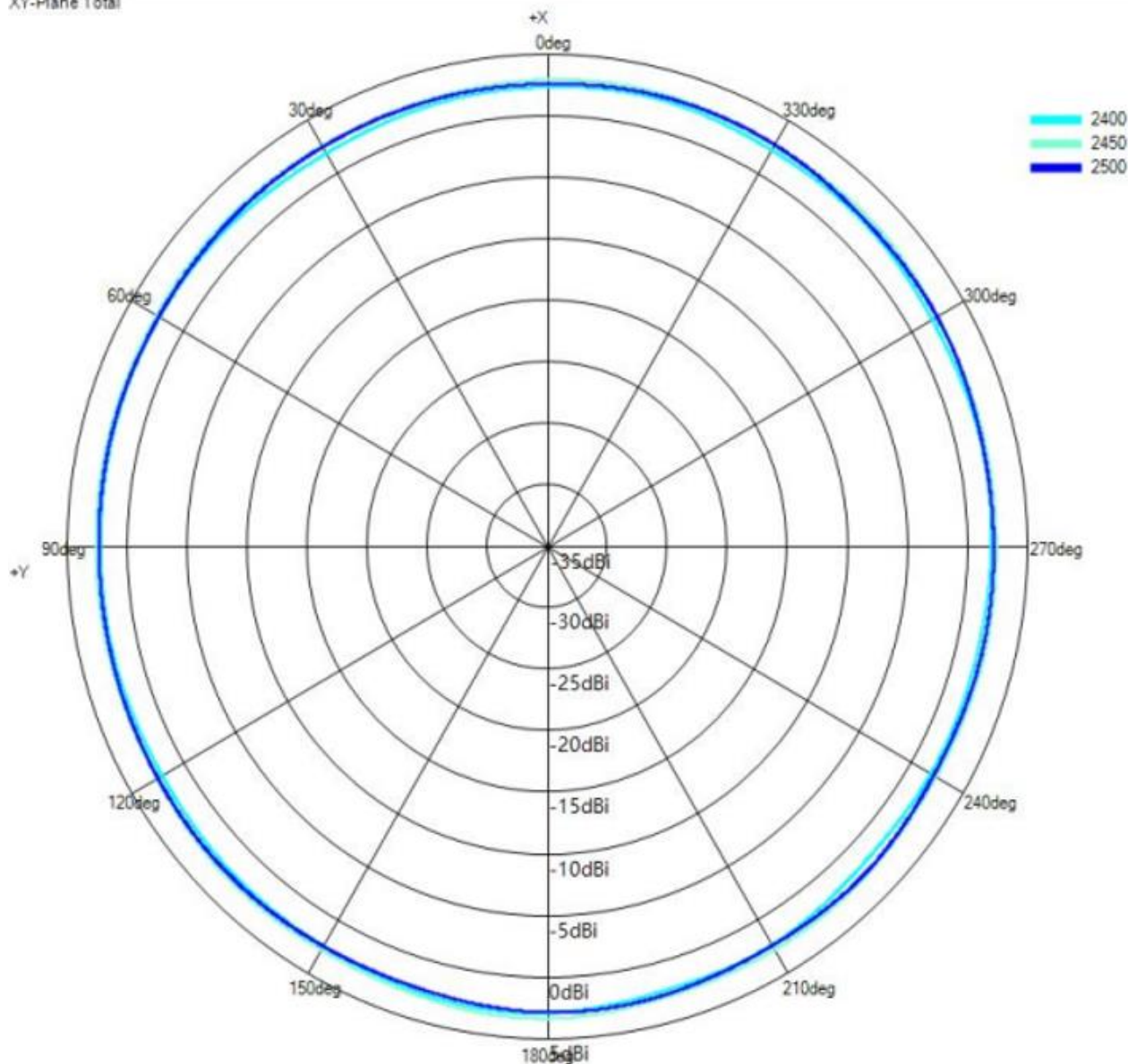
**SPEC REV.
A3**

RADIATION PATTERN

2400-2500MHz

AZIMUTH

XY-Plane Total



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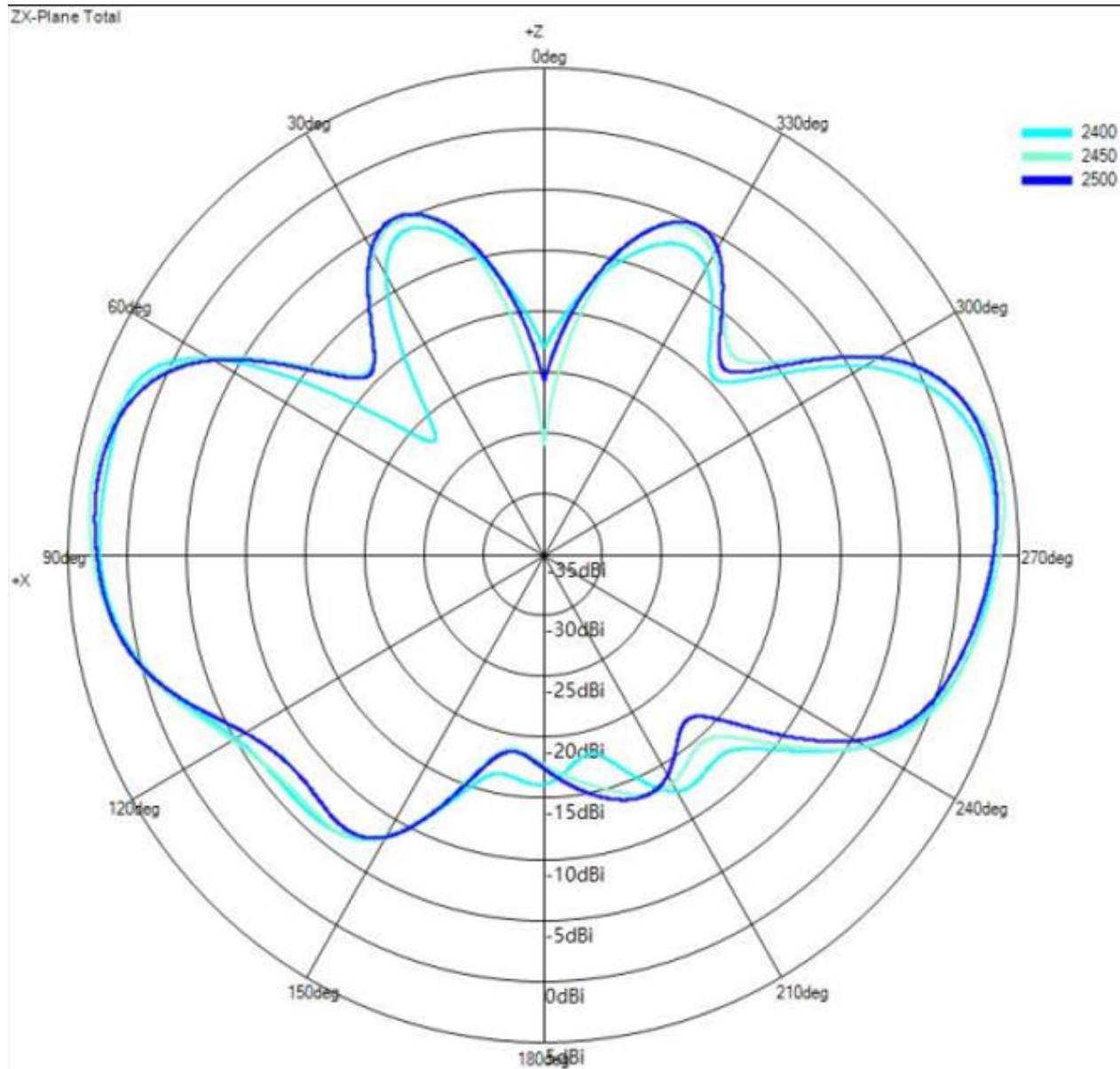
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SPEC REV.
A3

2400-2500MHz

ELEVATION



UNLESS OTHER SPECIFIED TOLERANCES ON :
X = N/A X.X = N/A X.XX = N/A
ANGLES = N/A HOLEDIA = N/A



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SCALE : N/A

UNIT : mm

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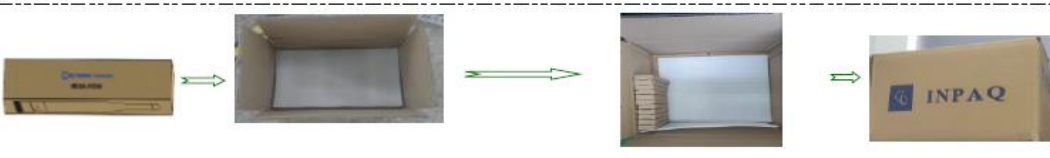
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SPEC REV.
A3

6. Packing Spec:

禾邦電子有限公司	
RFDPA171300SBAB825生規	頁次：6 之 3
	version:A2
	制修訂日期：2023/05/29
Product packaging icon:	
Figure 1	
	
Figure 2	
	
Figure 3	
	
Product packaging instructions:	
1. Put each pcs product into the carton (the carton is printed with the customer's request pattern, as shown in the figure below), 1pcs per box, as shown in the figure (1)	
2. Put the large PE bag (PE bag is not perforated and needs to be sealed with tape) and pearl cotton into the outer box (as shown in Figure 2)	
3. Put the finished products neatly arranged and erect (as shown in Figure 3) into the outer box, 13pcs per row, 19pcs per column (there are gaps to be filled with gourd bags), put 247pcs products in each box and then put a desiccant, put 1 piece of pearl cotton on the top and bottom, and the outer box needs to be glued to the manufacturing label.(outer box size: 365*365*245mm, box gross weight 0.67kg)	
Inner box printing icon:	
	
標簽注釋權屬(PSA)華新科技股份有限公司	
核准：	何耀輝
審核：	趙文豹
制定：	程碧琴

UNLESS OTHER SPECIFIED TOLERANCES ON :
X=N/A X.X=N/A X.XX=N/A

ANGLES=N/A HOLEDIA=N/A

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