



權億科技股份有限公司
Master Wave Technology Co., Ltd.

承認書 APPROVAL SHEET

Customers: 達創科技股份有限公司

Customer Model No.: 0990257524

Master Wave Model No.: 98619MIPF002

Product Description: 8619 Replacement Ant.

Issue Date: 2022.11.18

REV.: 02

客戶承認用印 Customer Approved	權億承認用印 Confirmation Signature	
		
核准 Approve	主管 Chief	承辦 Responsible
Tony	Pierce	Alice

MASTER WAVE TECHNOLOGY CO., LTD.

權億科技股份有限公司

Address: No. 19, Hezun N. Rd., Zhongli Dist., Taoyuan City 320, Taiwan (R.O.C.)

Tel: +886-3-4529998 Fax: +886-3-4522866

Suzhou Shengyih Electronics Plastic Co. Ltd (Shou Zhou)

聲億電子塑膠有限公司(蘇州廠)

Address: A10, Suzhou Creek Business District, 169 Changhong North Road, Luzhi Town, Wuzhong District, Suzhou Province, China

Tel: +86-512-65046030 Fax: +86-512-65046033

Shengyih Electronic Co. Ltd (Dongguan)

聲億電子有限公司(東莞廠)

Address: Mu-Lun Administration Area, Changping Town, Dongguan City, Guangdong Province, China

Tel: +86-769-83914045 Fax: +86-769-83914046

Shengyih Electronic Co. Ltd (Dongguan)

聲毅電子有限公司(東莞廠)

Address: No.3, West Shahukou Industrial Park, Changping Town, Dongguan city, Guangdong Province, China

Tel: +86-769-38983288 Fax: +86-769-38852280



Table of Contents

Item

1. Antenna Specifications

- Drawing
 - Electrical Properties
 - Physical Properties
-

2. Packing

- PE Bag
 - Carton
-

3. Test Report

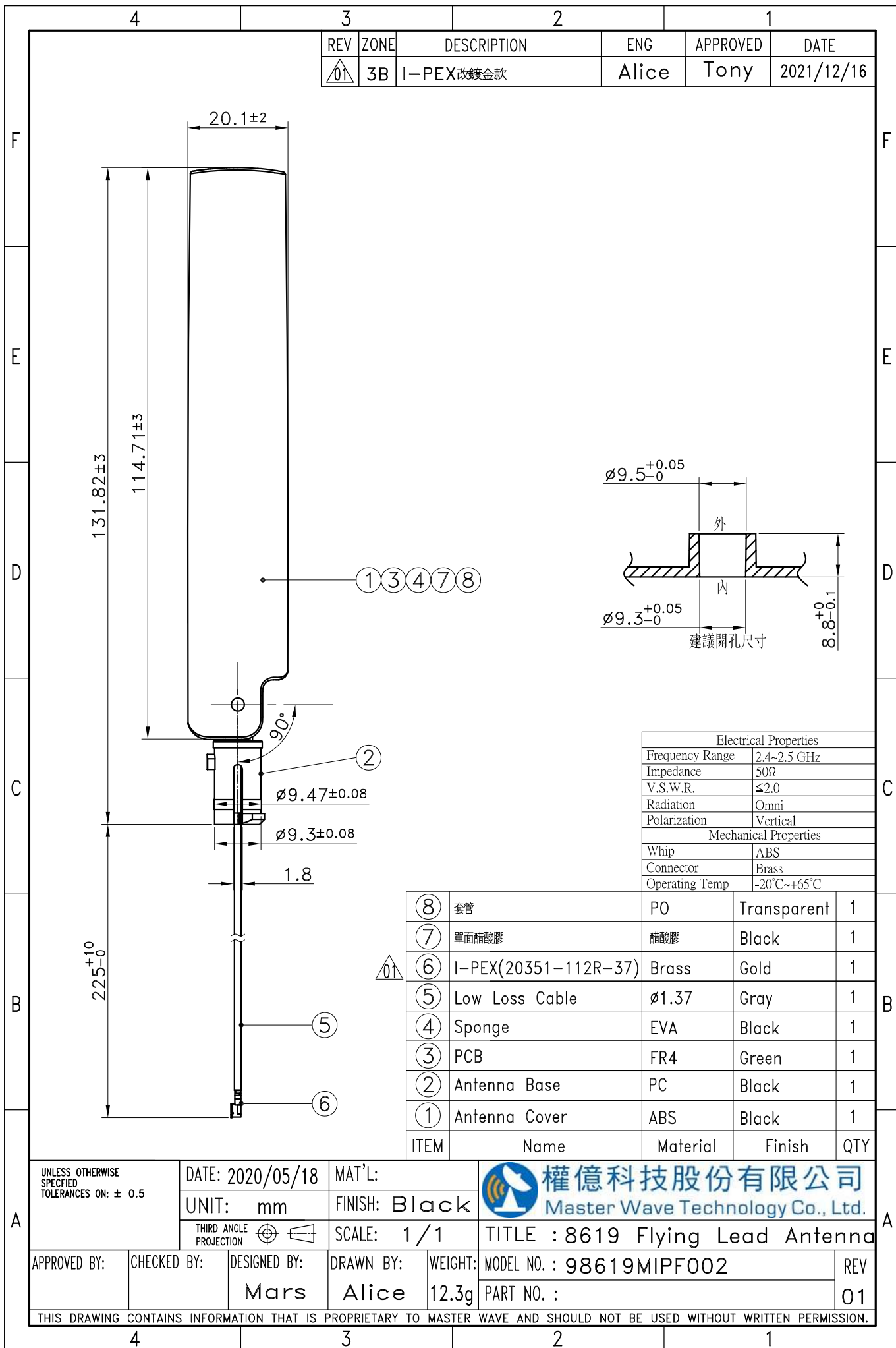
- Electrical test
 - Antenna Efficiency
 - Pattern test
-

4. Material Certifications

- Connector
- Cable

Modification History:

REV.	Date	Content
00	2020.07.01	
01	2021.12.16	I-PEX改鍍金款
02	2022.11.18	更新Ant. SPEC (1.6項)





8619 Replacement Ant.

Specification

1. Electrical Properties :

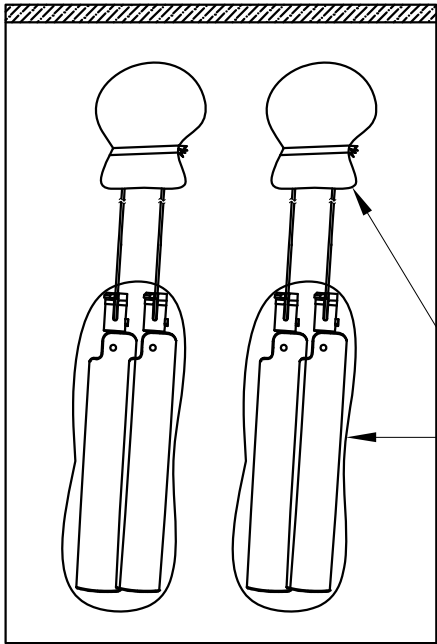
1.1	Frequency Range	.....	2.4~2.5 GHz
1.2	Impedance	.....	50Ω
1.3	VSWR	.....	≤2.0
1.4	Return Loss	.....	-9.54 dB
1.5	Radiation	.....	Omni
1.6	Peak Gain	.....	refer to below Antenna Efficiency table
1.7	Polarization	.....	Vertical
1.8	Admitted Power	.....	1W

2. Physical Properties :

2.1	Antenna Cover	.....	ABS
2.2	Antenna Base	.....	PC
2.3	Color	.....	Black
2.4	Operating Temp	.....	-20℃~+65℃
2.5	Storage Temp	.....	-25℃~+70℃

4		3		2		1	
		REV	ZONE	DESCRIPTION		ENG	DATE

F

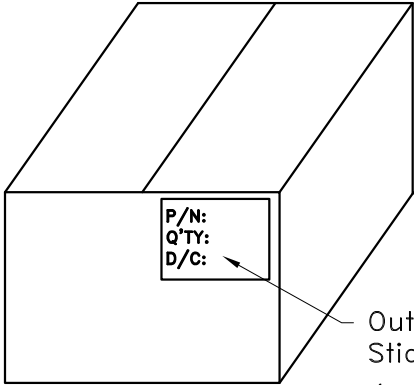


25 PCS ANTENNA A Bundle
50 PCS ANTENNA Per Bag AND SEAL
(25個天線綁一束, 每包50個天線並封口)

珍珠泡棉

F

E



Outside the carton :
Stick the label on the upper right side
(紙箱外：將標籤黏貼在右上方)

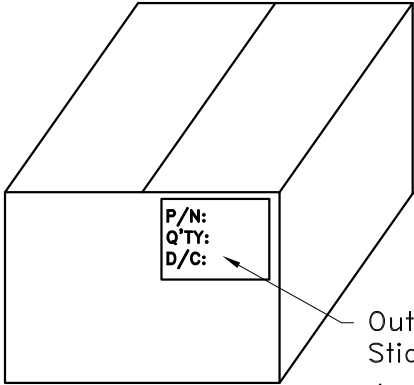
E

D



D

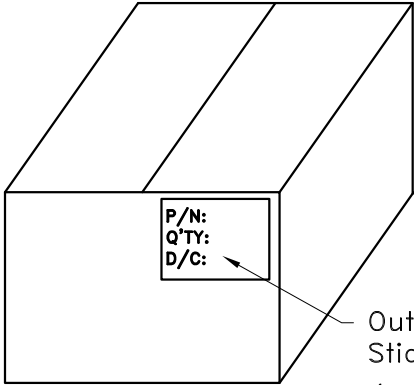
C



Outside the carton :
Stick the label on the upper right side
(紙箱外：將標籤黏貼在右上方)

C

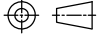
B



Outside the carton :
Stick the label on the upper right side
(紙箱外：將標籤黏貼在右上方)

B

A

DATE: 2020/05/18		MAT'L:		 權億科技股份有限公司 Master Wave Technology Co., Ltd.	
UNIT: mm		FINISH:			
THIRD ANGLE PROJECTION 		SCALE: -			
TITLE : 8619 Flying Lead Antenna Packing					
APPROVED BY:	CHECKED BY:	DESIGNED BY:	DRAWN BY:	WEIGHT:	MODEL NO. : 98619MIPF002 PART NO. :
					REV 00

A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MASTER WAVE AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.



Electrical Test





權億科技股份有限公司

Master Wave Technology Co., Ltd.

Antenna Efficiency

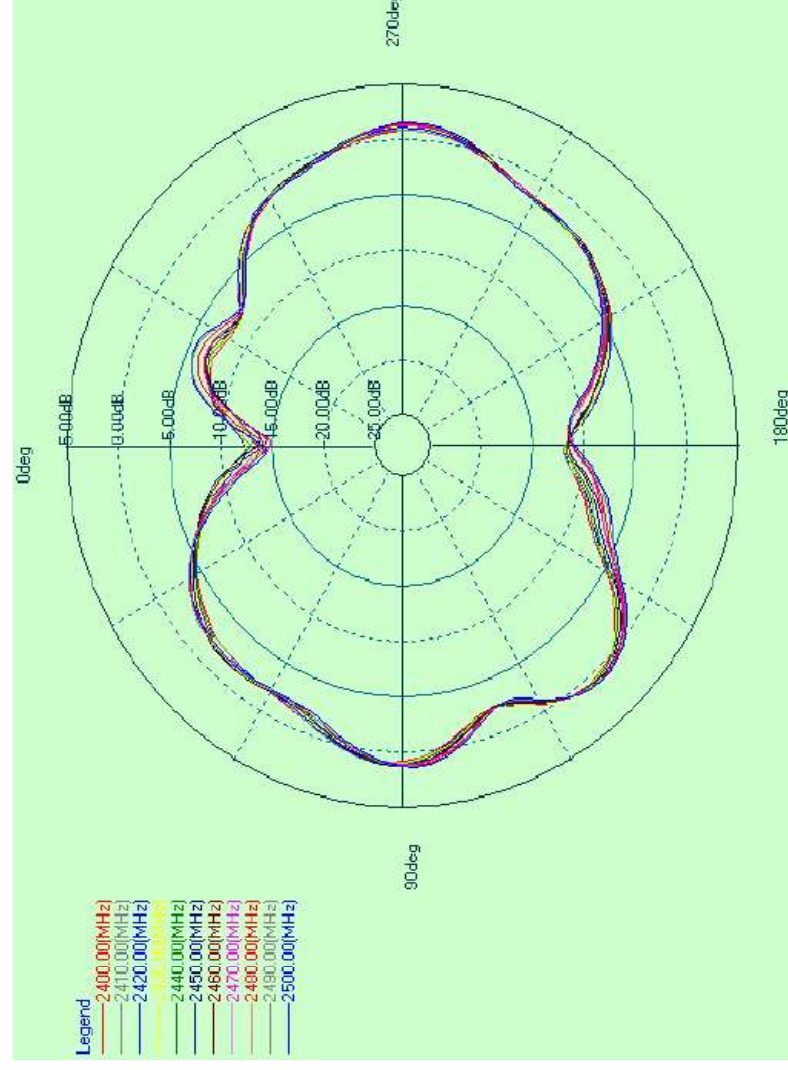
Frequency (MHz)	Peak gain (dBi)	Efficiency (%)
2400	1.51	66.75%
2410	1.65	67.49%
2420	1.73	67.90%
2430	1.71	67.50%
2440	1.81	68.06%
2450	1.90	69.29%
2460	1.90	68.62%
2470	2.05	68.08%
2480	2.25	69.13%
2490	2.37	69.93%
2500	2.34	68.58%



權億科技股份有限公司

Master Wave Technology Co., Ltd.

2D Radiation Pattern 2.4~2.5 GHz XZ Plane

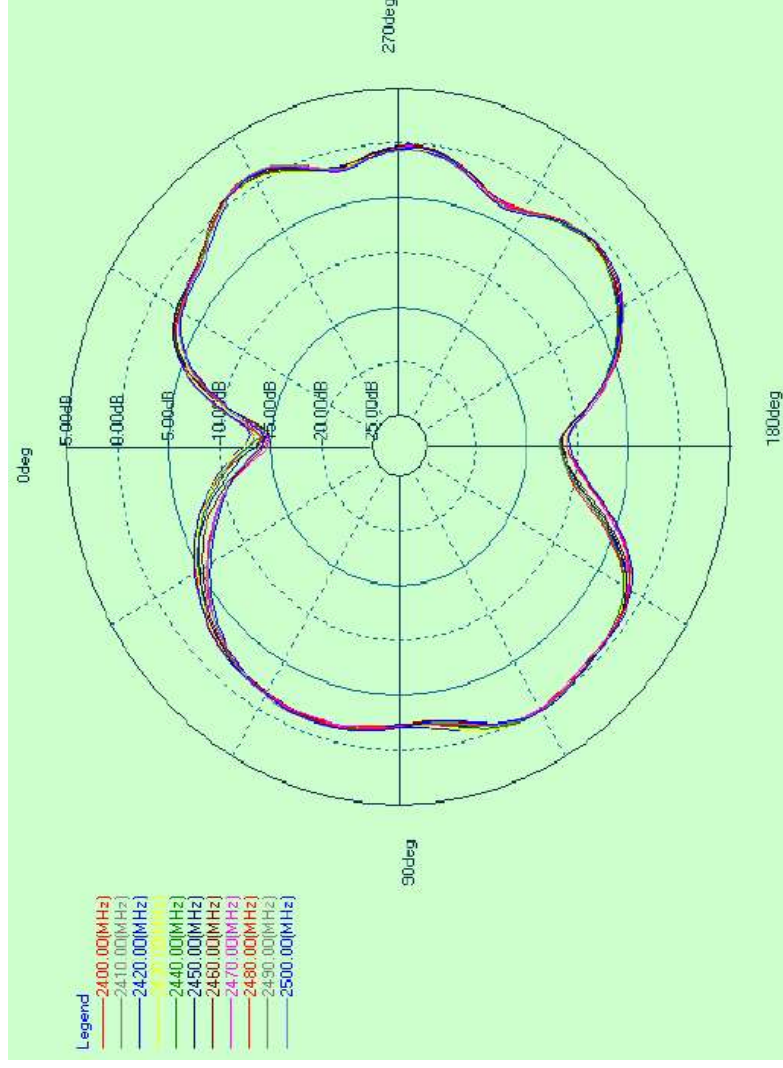




權億科技股份有限公司

Master Wave Technology Co., Ltd.

2D Radiation Pattern 2.4~2.5 GHz YZ Plane





權億科技股份有限公司

Master Wave Technology Co., Ltd.

2D Radiation Pattern 2.4~2.5 GHz XY Plane

