



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.

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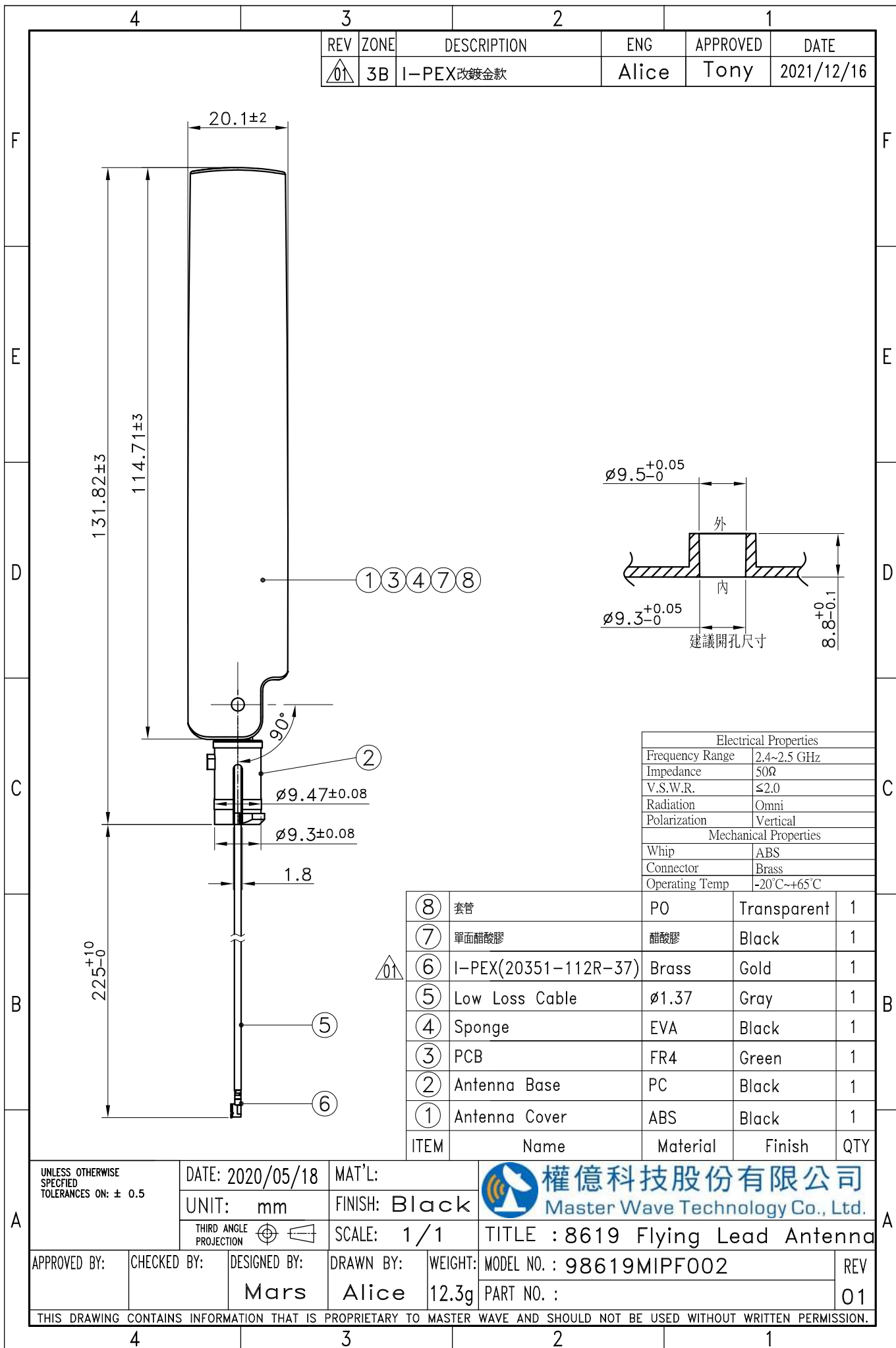
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Modification History:

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.

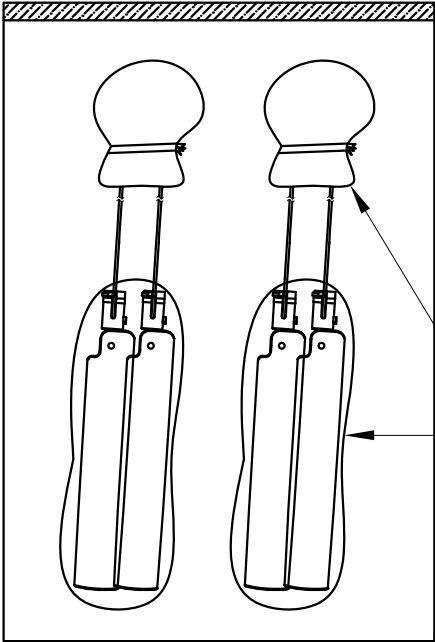
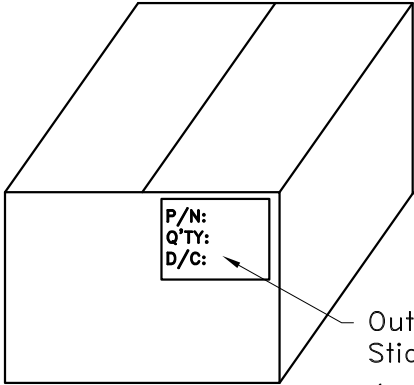
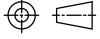
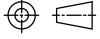
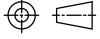
Specification

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	APPROVED	DATE																																	
F									F																																
E									E																																
D	 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								D																																
C									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	<table><tr><td colspan="2">DATE: 2020/05/18</td><td colspan="2">MAT'L:</td><td colspan="2"> 權億科技股份有限公司</td></tr><tr><td colspan="2">UNIT: mm</td><td colspan="2">FINISH:</td><td colspan="2">Master Wave Technology Co., Ltd.</td></tr><tr><td colspan="2">THIRD ANGLE PROJECTION </td><td colspan="2">SCALE: -</td><td colspan="2">TITLE : 8619 Flying Lead Antenna Packing</td></tr><tr><td>APPROVED BY:</td><td>CHECKED BY:</td><td>DESIGNED BY:</td><td>DRAWN BY:</td><td>WEIGHT:</td><td>MODEL NO. : 98619MIPF002</td><td>REV</td></tr><tr><td colspan="5"></td><td>PART NO. :</td><td>00</td></tr></table> THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MASTER WAVE AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								DATE: 2020/05/18		MAT'L:		 權億科技股份有限公司		UNIT: mm		FINISH:		Master Wave Technology Co., Ltd.		THIRD ANGLE PROJECTION 		SCALE: -		TITLE : 8619 Flying Lead Antenna Packing		APPROVED BY:	CHECKED BY:	DESIGNED BY:	DRAWN BY:	WEIGHT:	MODEL NO. : 98619MIPF002	REV						PART NO. :	00	A
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Electrical Test





Antenna Efficiency

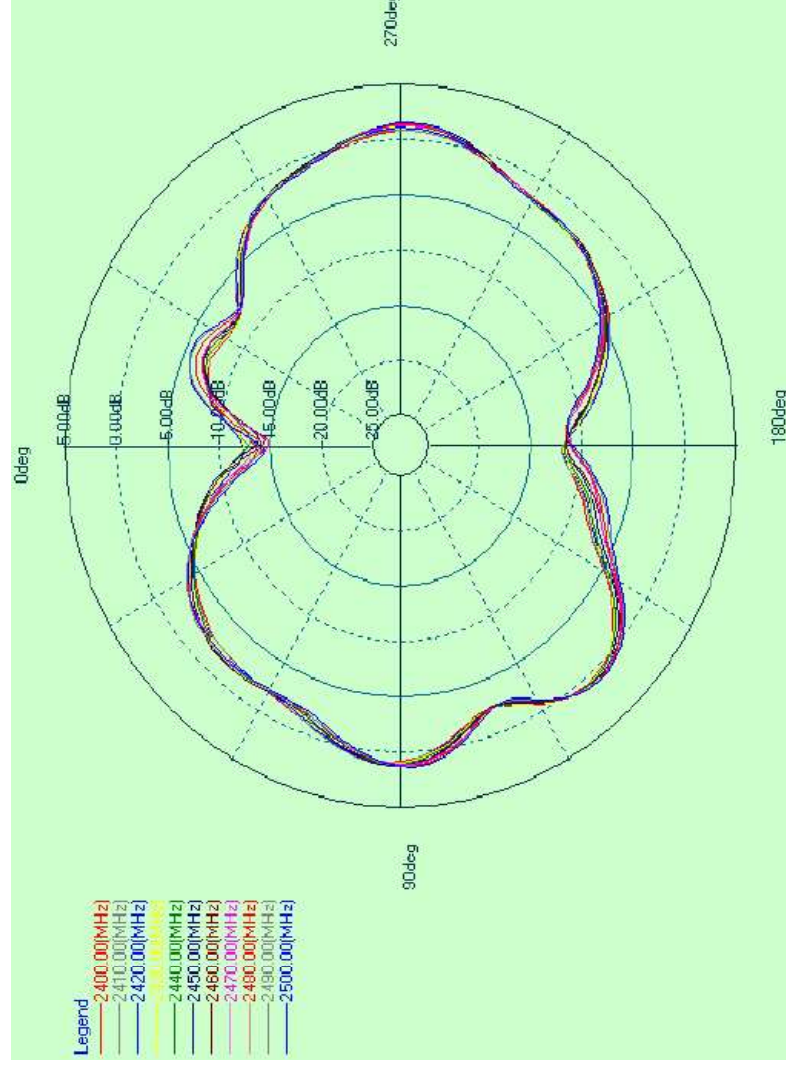
Frequency (MHz)	Peak gain (dBi)	Efficiency (%)
2400	1.51	66.75%
2410	1.65	67.49%
2420	1.73	67.90%
2430	1.71	67.50%
2440	1.81	68.06%
2450	1.90	69.29%
2460	1.90	68.62%
2470	2.05	68.08%
2480	2.25	69.13%
2490	2.37	69.93%
2500	2.34	68.58%



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2D Radiation Pattern 2.4~2.5 GHz XZ Plane

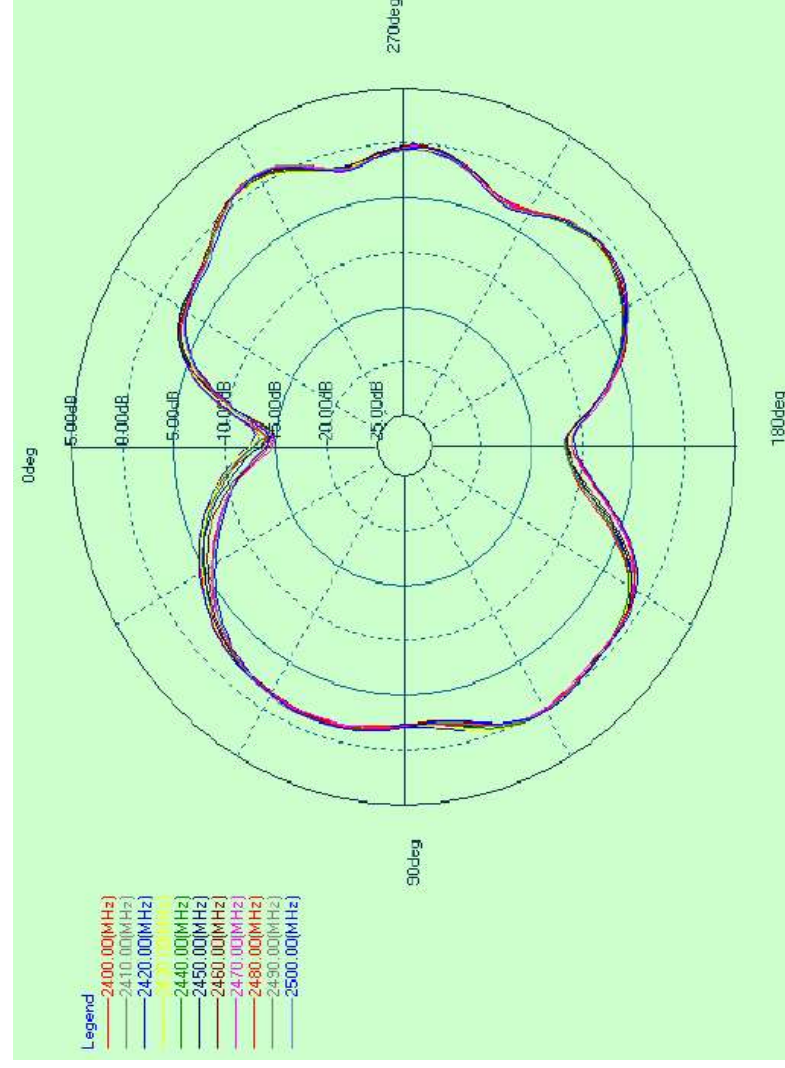




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