



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.: 0990257724

Master Wave Model No.: 98619UIPF001

Product Description: 8619 Flying Lead 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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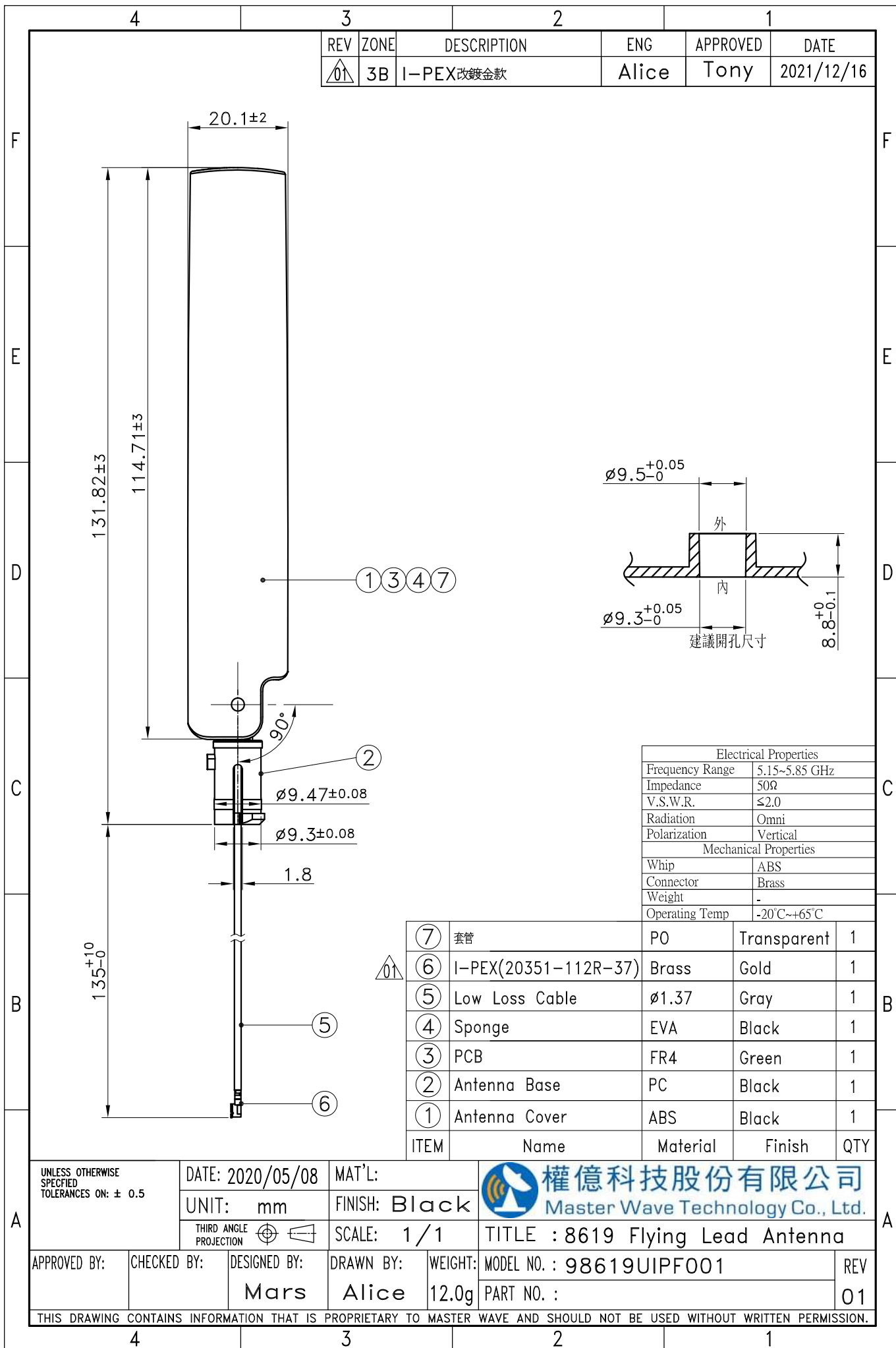
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Modification History:

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 Flying Lead Ant.

Specification

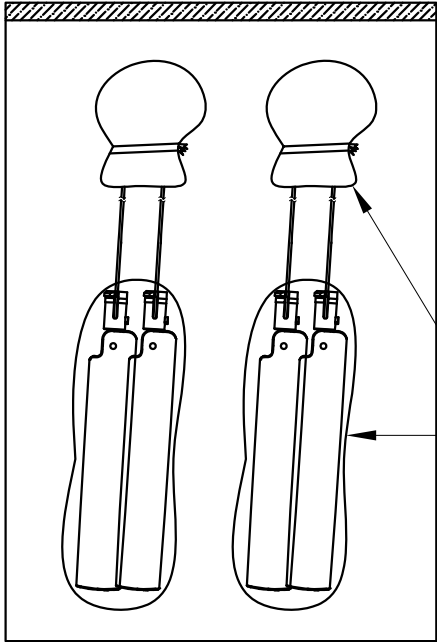
1. Electrical Properties :

1.1	Frequency Range	.....	5.15~5.85 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℃

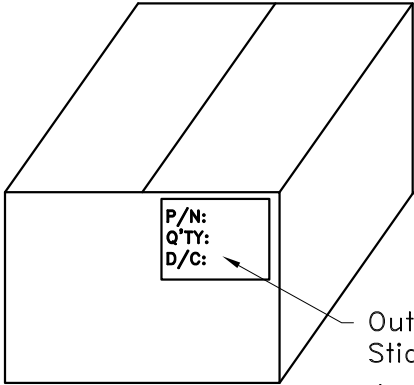
4		3		2		1		
		REV	ZONE	DESCRIPTION		ENG	APPROVED	
							DATE	
F								F
E								E
D								D
C								C
B								B
A								A



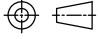
25 PCS ANTENNA A Bundle
50 PCS ANTENNA Per Bag AND SEAL
(25個天線綁一束, 每包50個天線並封口)

珍珠泡棉





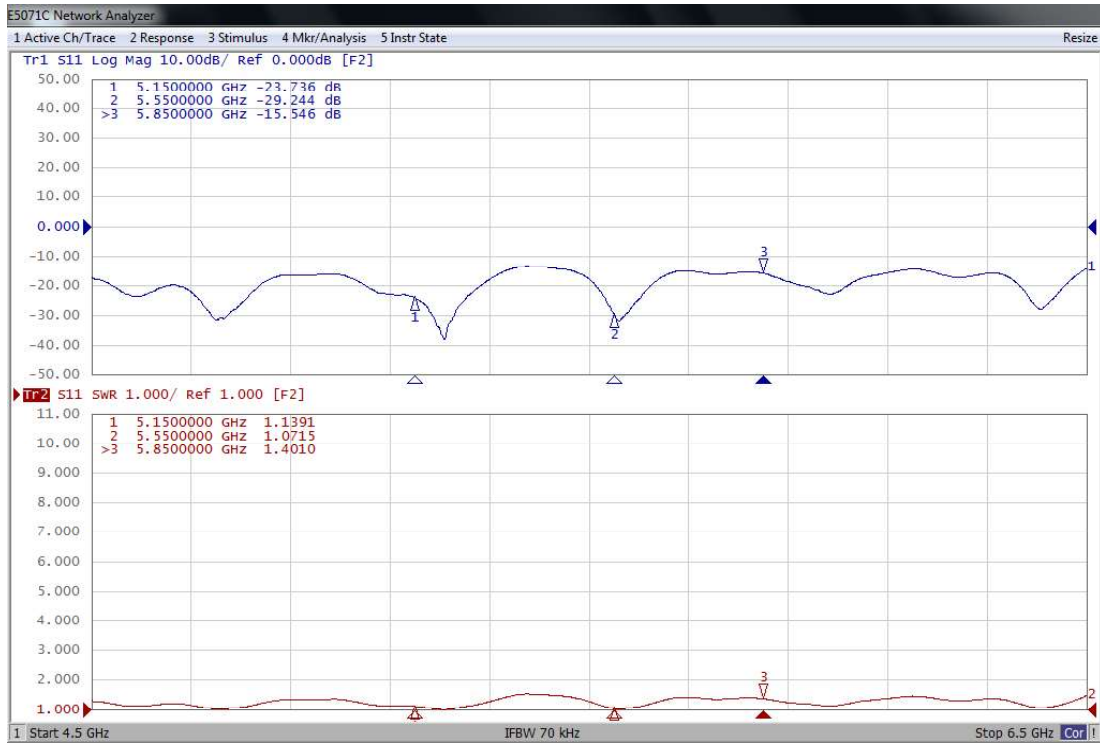
Outside the carton :
Stick the label on the upper right side
(紙箱外：將標籤黏貼在右上方)

		DATE: 2020/05/08		MAT'L:		 權億科技股份有限公司 Master Wave Technology Co., Ltd.	
		UNIT: mm		FINISH:			
		THIRD ANGLE PROJECTION 		SCALE: -			
APPROVED BY:		CHECKED BY:		DESIGNED BY:		DRAWN BY:	
						WEIGHT:	
						MODEL NO. : 98619UIPF001	
						PART NO. :	
						REV 00	

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

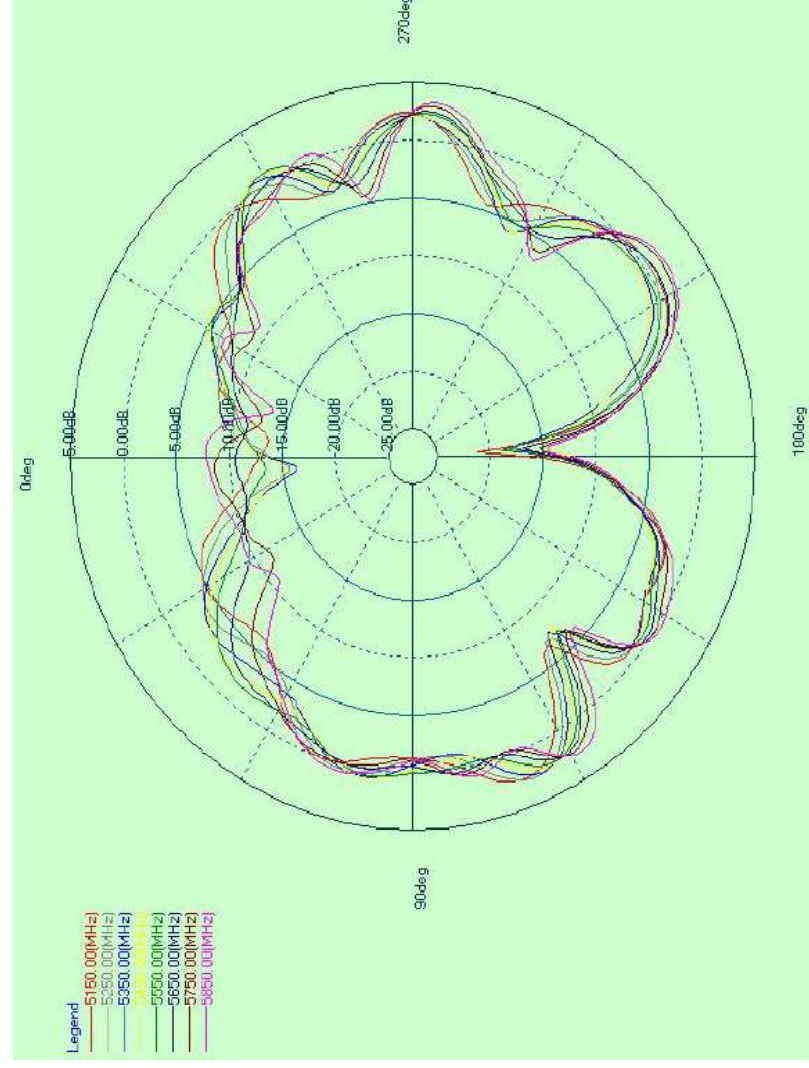
Frequency (MHz)	Peak gain (dBi)	Efficiency (%)
5150	2.51	65.67%
5250	2.85	65.52%
5350	2.78	64.79%
5450	2.65	66.20%
5550	2.73	68.65%
5650	2.83	66.36%
5750	3.09	64.84%
5850	3.38	67.33%



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2D Radiation Pattern 5.15~5.85 GHz XZ Plane

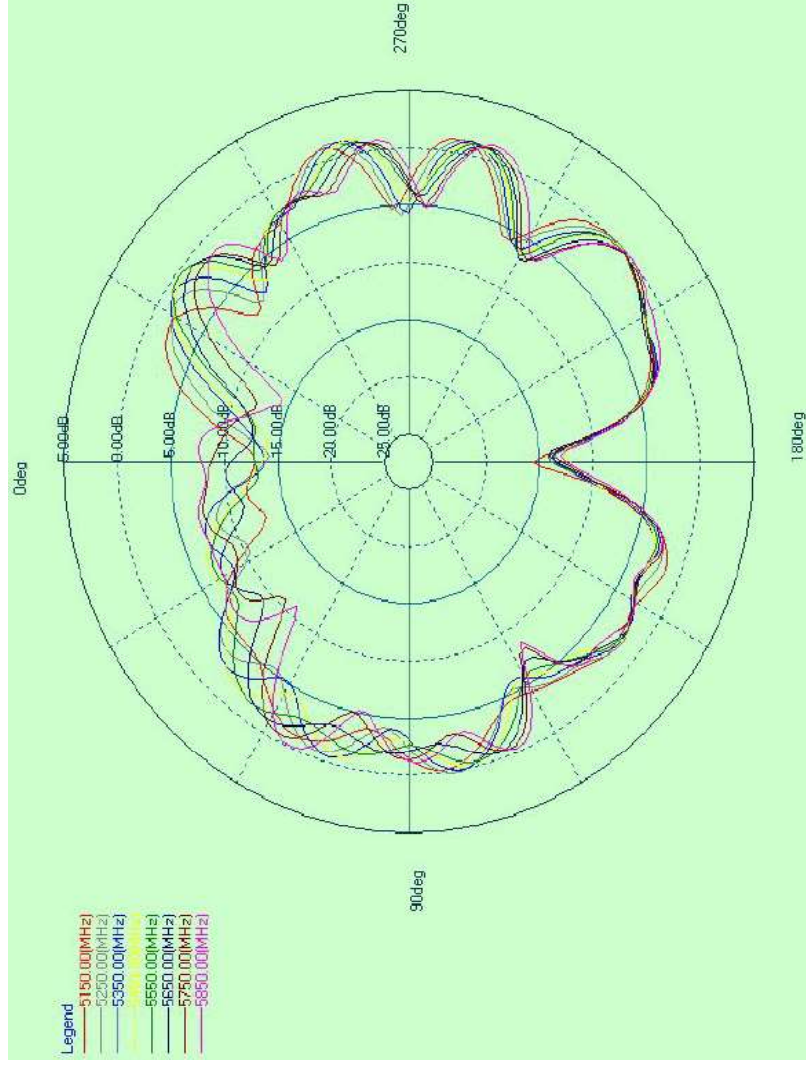




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2D Radiation Pattern 5.15~5.85 GHz YZ Plane





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2D Radiation Pattern 5.15~5.85 GHz XY Plane

