



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.

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



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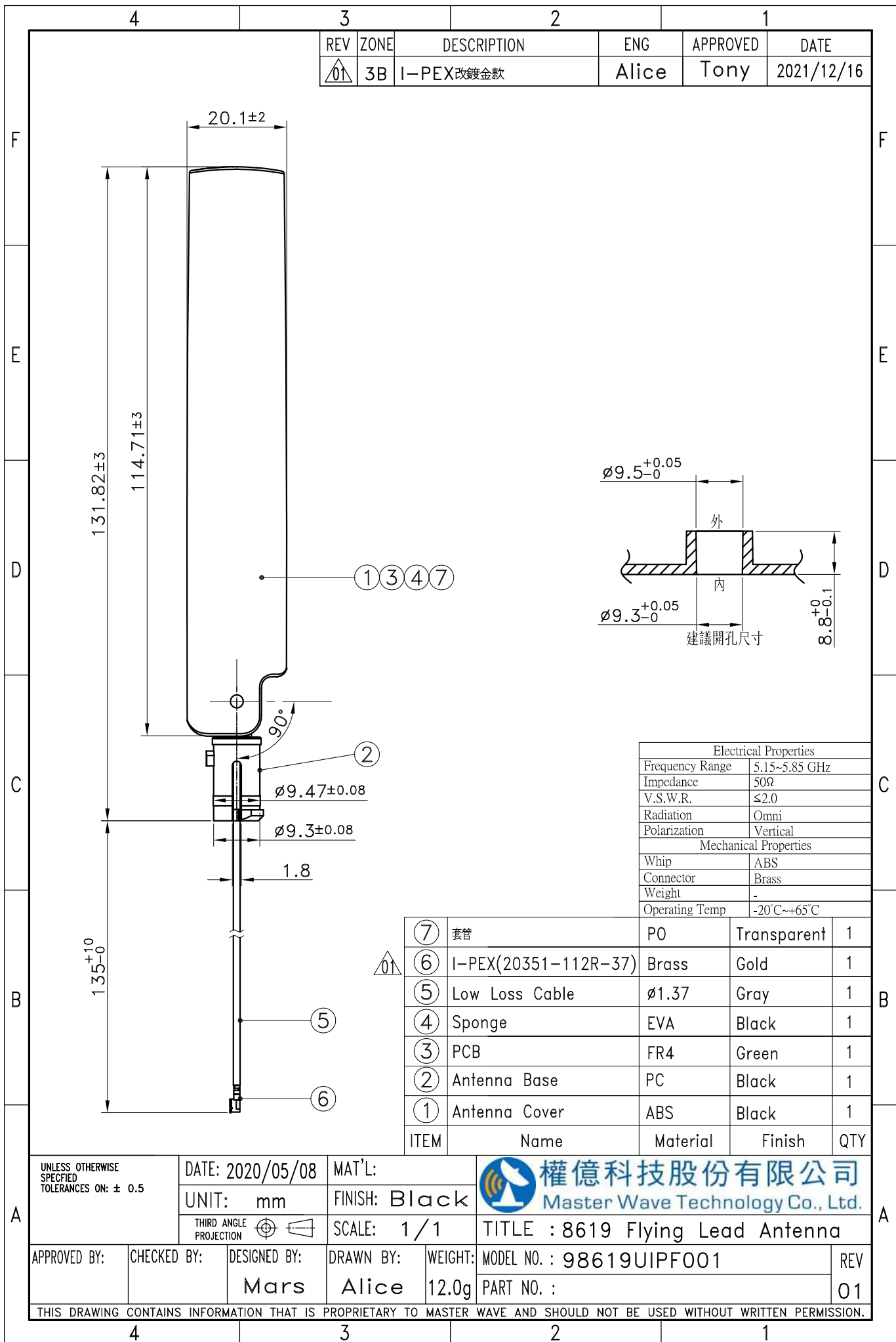
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Modification History:

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

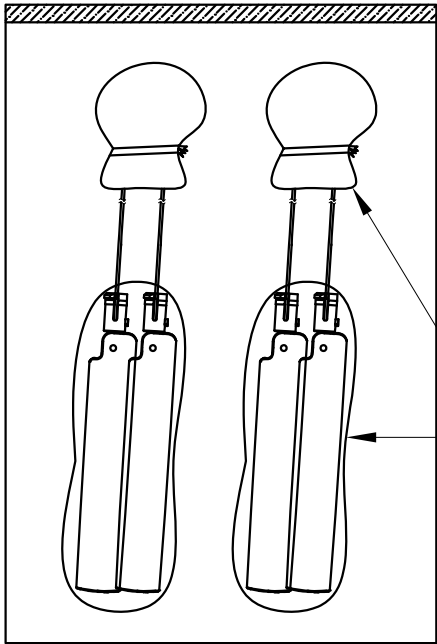
1. Electrical Properties :

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℃

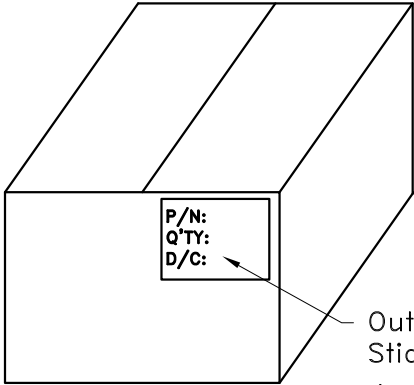
4		3		2		1		
		REV	ZONE	DESCRIPTION		ENG	APPROVED	
							DATE	
F								F
E								E
D								D
C								C
B								B
A								A



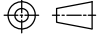
25 PCS ANTENNA A Bundle
50 PCS ANTENNA Per Bag AND SEAL
(25個天線綁一束, 每包50個天線並封口)

珍珠泡棉





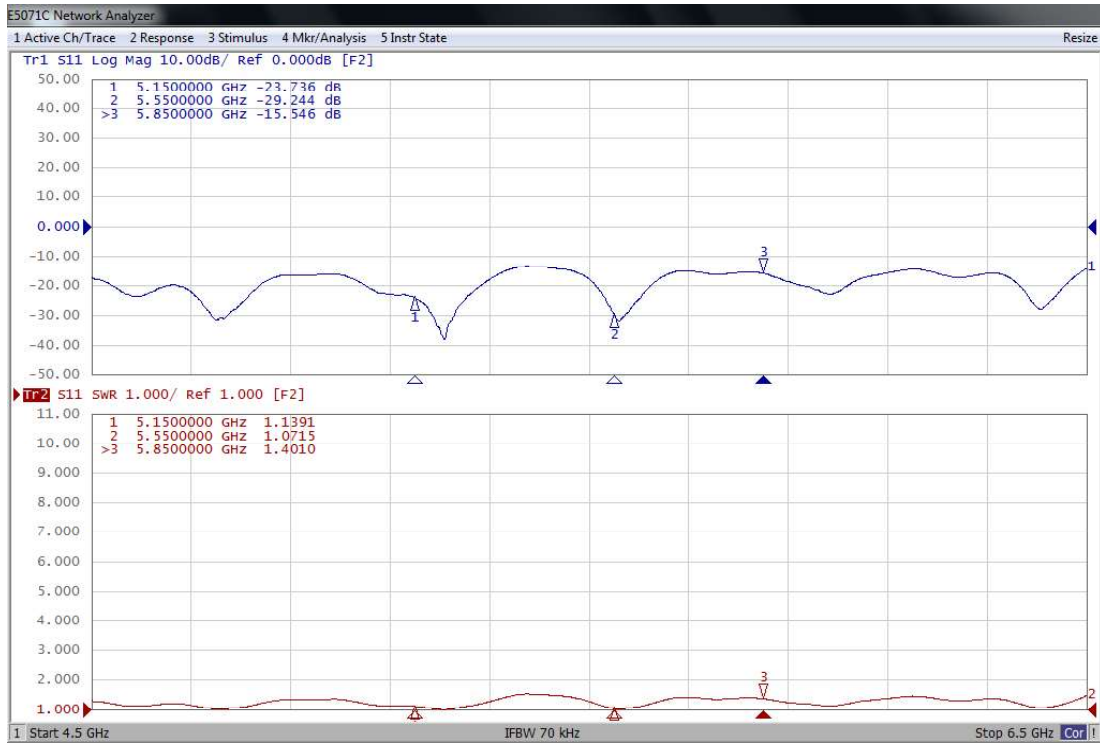
Outside the carton :
Stick the label on the upper right side
(紙箱外：將標籤黏貼在右上方)

		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: -		TITLE : 8619 Flying Lead Antenna Packing
		APPROVED BY:	CHECKED BY:	DESIGNED BY:	DRAWN BY:	WEIGHT:	MODEL NO. : 98619UIPF001
						REV
					PART NO. :	00

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



Electrical Test





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Master Wave Technology Co., Ltd.

Antenna Efficiency

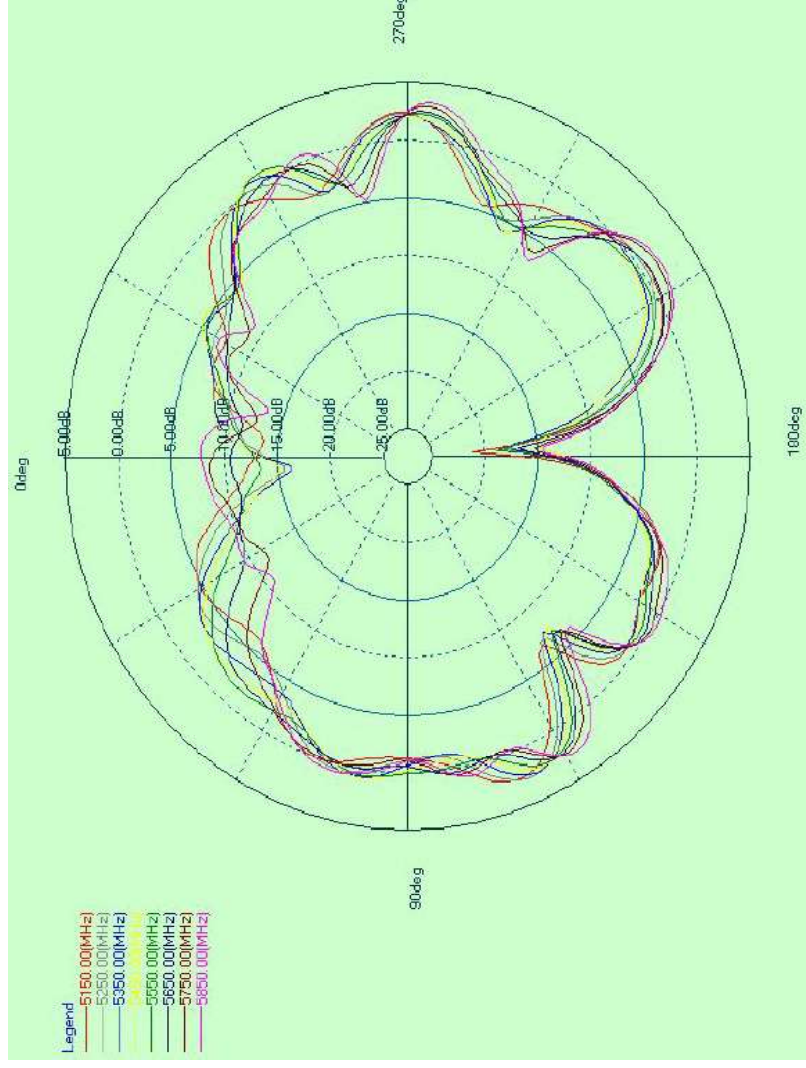
Frequency (MHz)	Peak gain (dBi)	Efficiency (%)
5150	2.51	65.67%
5250	2.85	65.52%
5350	2.78	64.79%
5450	2.65	66.20%
5550	2.73	68.65%
5650	2.83	66.36%
5750	3.09	64.84%
5850	3.38	67.33%



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2D Radiation Pattern 5.15~5.85 GHz XZ Plane

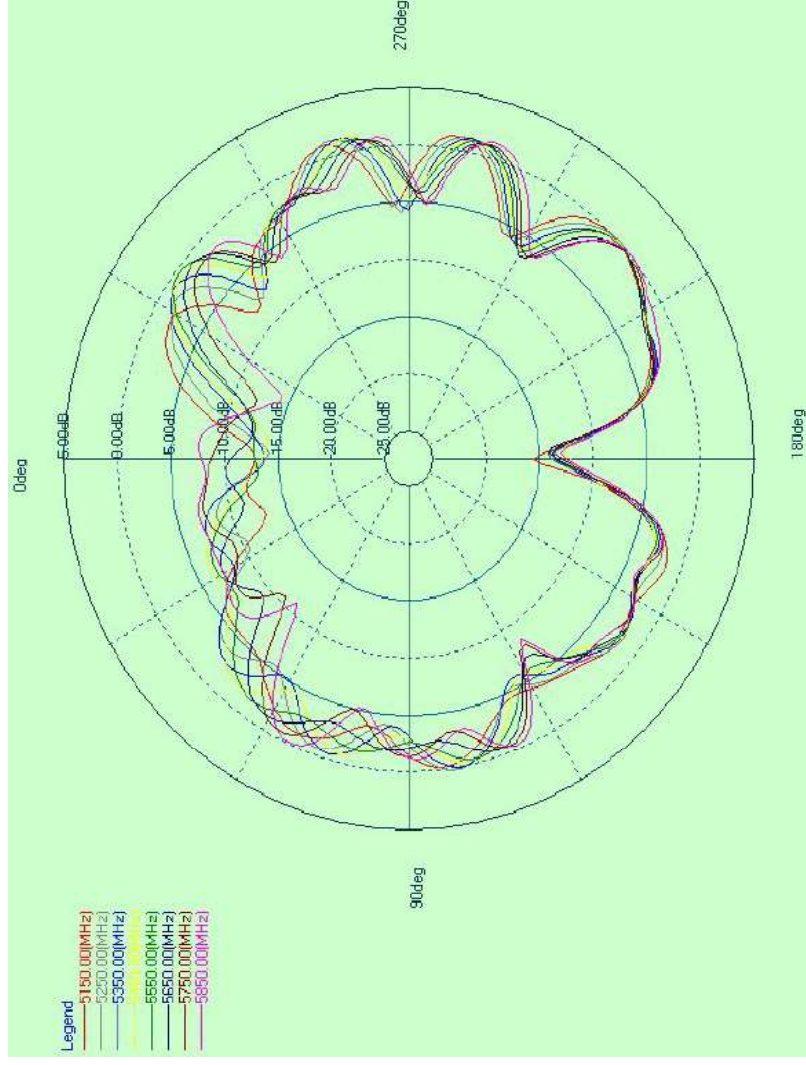




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2D Radiation Pattern 5.15~5.85 GHz YZ Plane





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2D Radiation Pattern 5.15~5.85 GHz XY Plane

