

承認書

產品品名/Product Model No.: DAM-A8-H-N0-000-03-02

客戶料號/Customer No.: 602-0015-065A_A

發行日期/ Issue Date : 2022.05.10

承認日期/ Approved Date : 2022.05.10

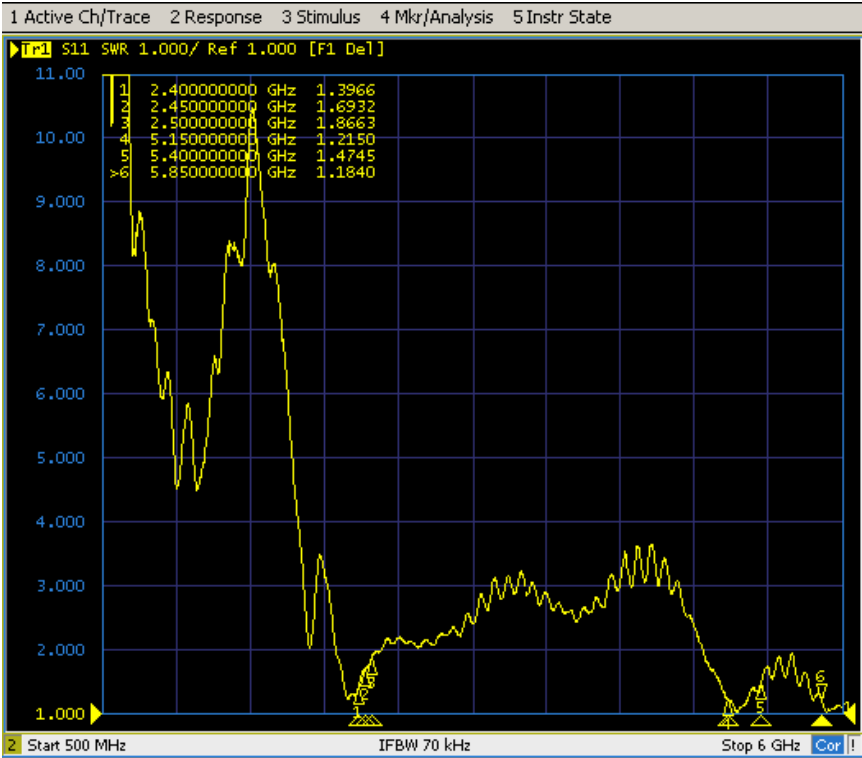
Approved by customer: (signing or stamping here)

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1. Electrical properties:

Item	Property
Frequency Range	2.4G-2.5GHz,5.15~5.85Hz
Impedance	50 Ω (Typ.)
Antenna Gain	2.61+/-0.5 dBi
VSWR	2.0 max.

2. VSWR



Frequency (GHz)	2.4	2.45	2.5	5.15	5.4	5.85
VSWR	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = N/A X.X = N/A X.XX = N/A

ANGLES = N/A HOLEDIA = N/A

SCALE : N/A UNIT : mm

DRAWN BY: 廖志偉 CHECKED BY:溫祥能

DESIGNED BY: APPROVED BY: 吳俊尉

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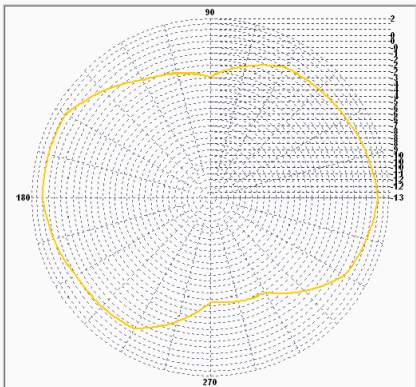
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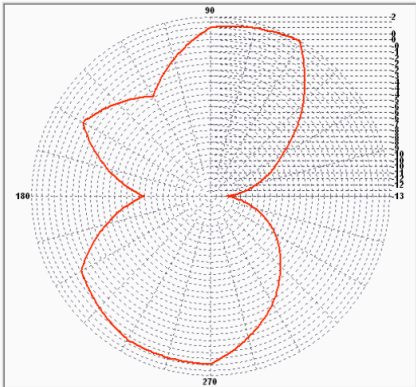
4. 3d pattern:

4.1 2d pattern:

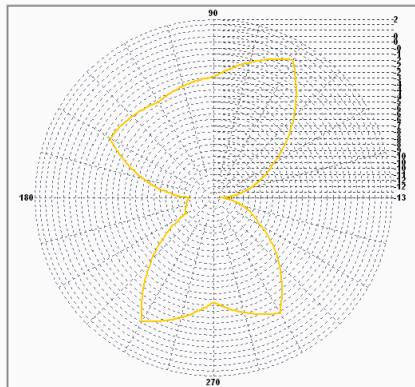
2450MHZ_Total_X-Y



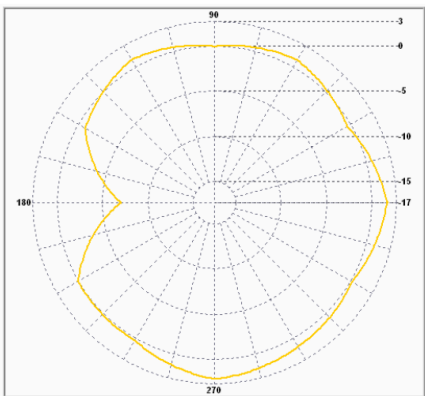
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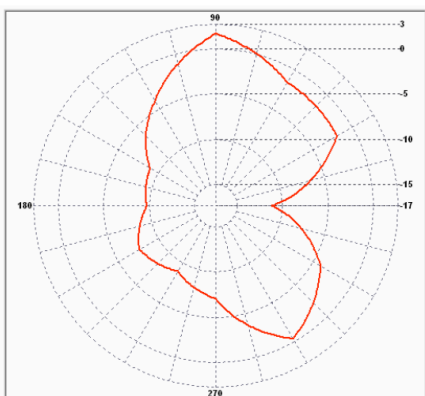
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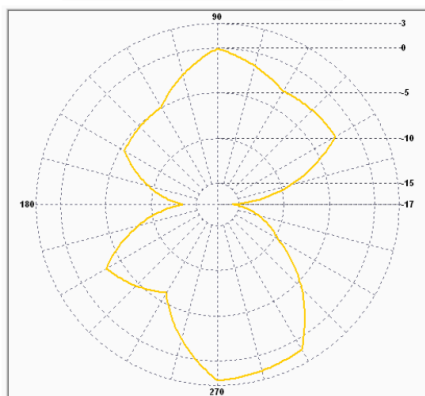
5550MHZ_Total_X-Y



5550MHZ_Total_Z-X



5550MHZ_Total_Z-Y



4.1 3d pattern

2450MHz

5550 MHz

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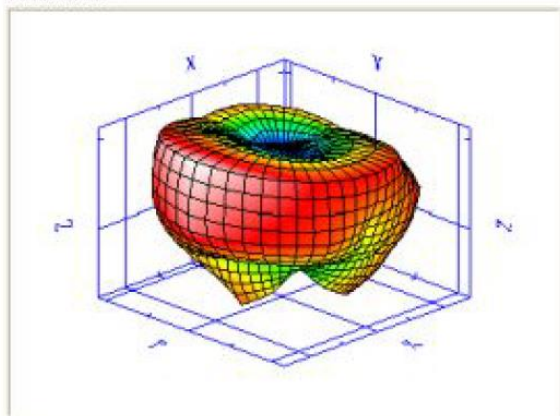
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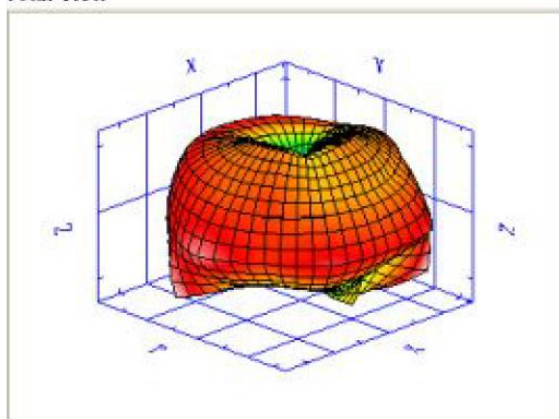
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Total View



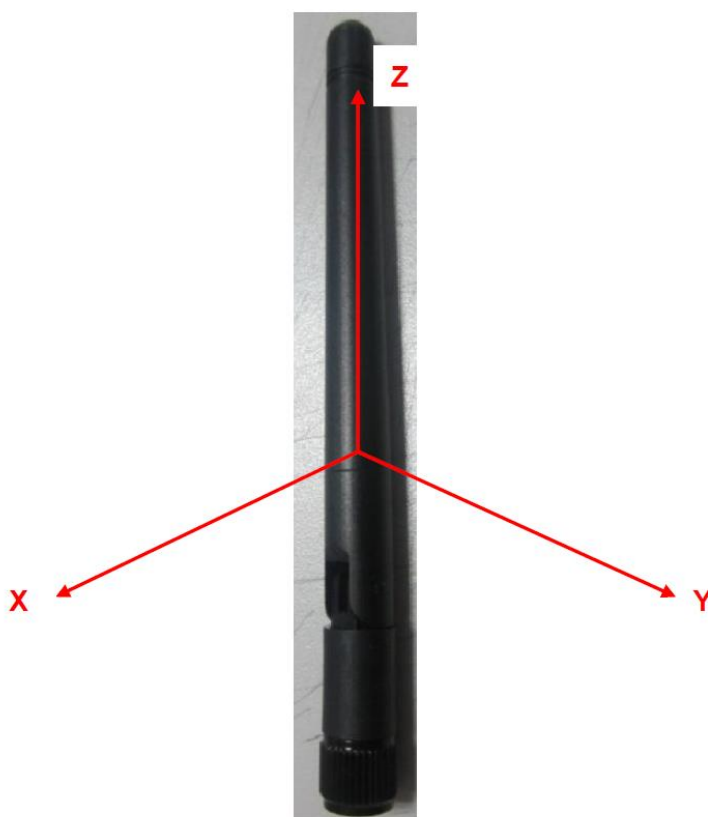
1.89 0.04 -1.82 -3.68 -5.53 -7.39 -9.25 -11.1 -12.96

Total View



2.75 0.23 -2.29 -4.6 -7.31 -9.83 -12.35 -14.86 -17.37

4.3 测试方法



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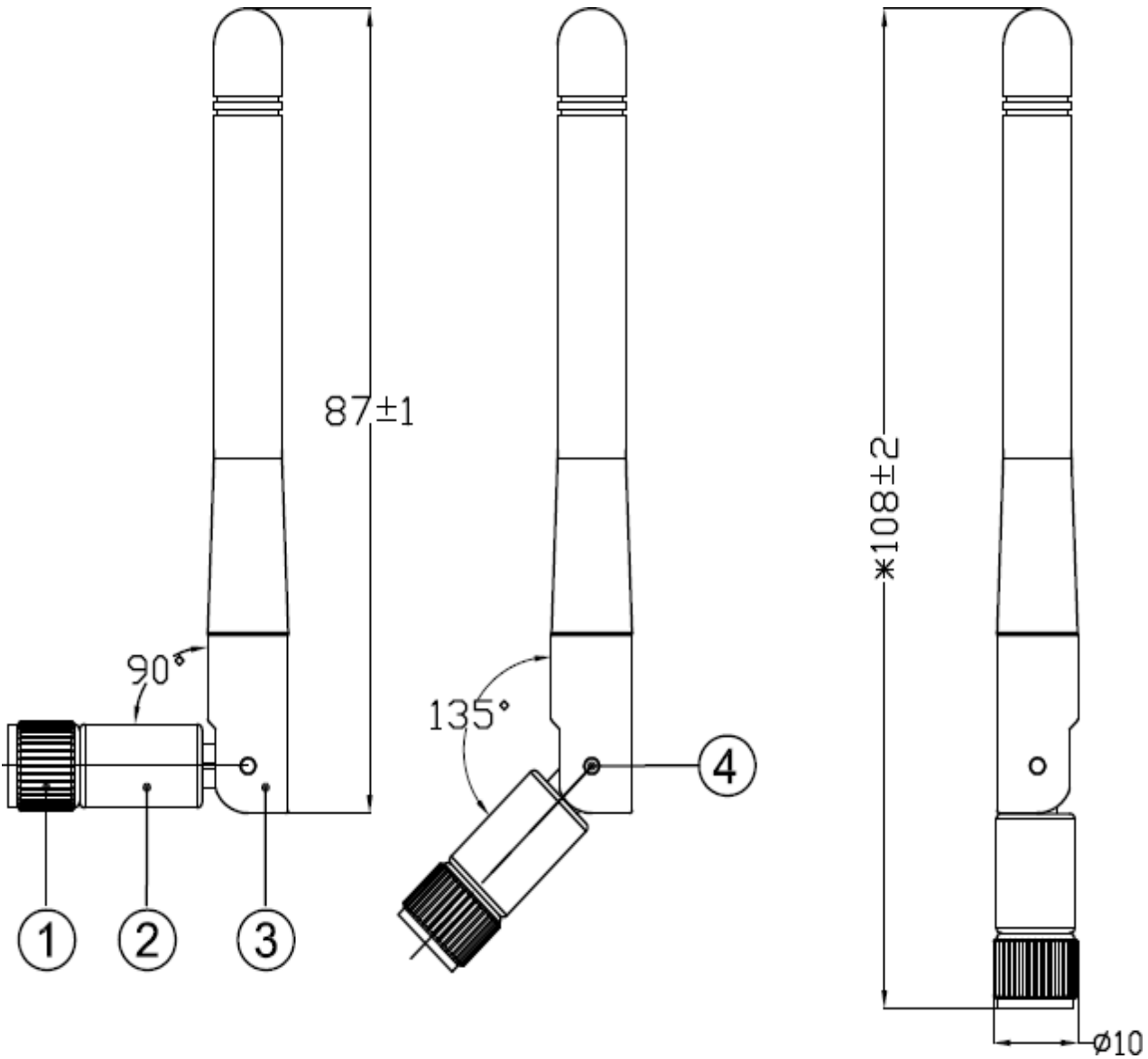
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4.4 Peak Gain

Frequency(MHz)	Peak Gain (dBi)
2400	1.66
2450	2.94
2500	3.19
5150	3.09
5350	2.14
5750	2.22
5800	1.58

5.

Mechanical properties:



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No	Description	Material	Finish
1	Connector : RP SMA J 母针	塑包铜(POM+CU)	BLACK
2	BODY-1	PC+PBT	BLACK
3	BODY-2	ABS	BLACK
4	铆钉	POM	BLACK



6 Reliable test:

Test Item	Procedure	Requirement
1. Rapid Changing of Temperature	-40℃(30min)to 85 ℃ (30min); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq, tol.:< ±5%
2. Damp Heat	60 ℃, 90~95%RH; 24 Hours	After 2 hours recovery: 1. no visible damage 2. Freq, tol.:< ±5%
3. Endurance	85 ℃, 24 Hours	After 2 hours recovery: 1. no visible damage 2. Freq, tol.:< ±5%

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