

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

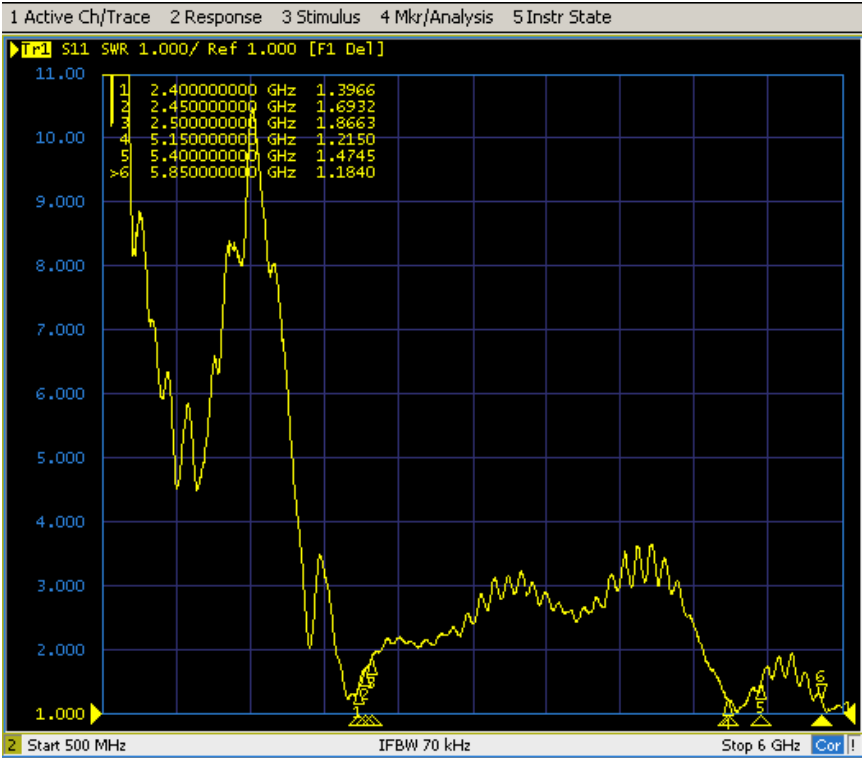
Approved by customer: (signing or stamping here)

鴻富泰精密工業有限公司
HONGFUTAI PRECISION INDUSTRY LIMITED

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

鸿富泰精密工业有限公司
HONGFUTAI PRECISION INDUSTRY LIMITED

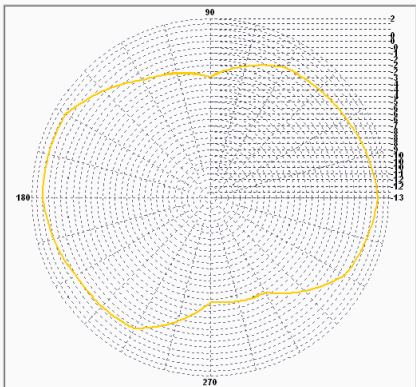
SPEC REV.

A0

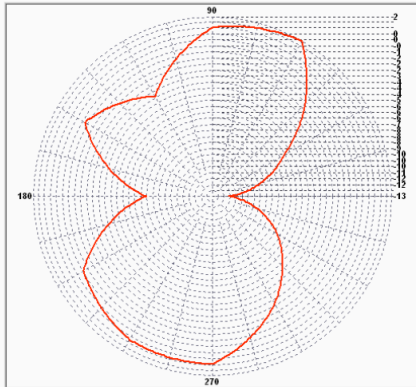
4. 3d pattern:

4.1 2d pattern:

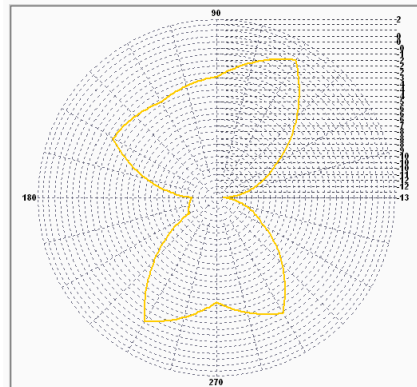
2450MHZ_Total_X-Y



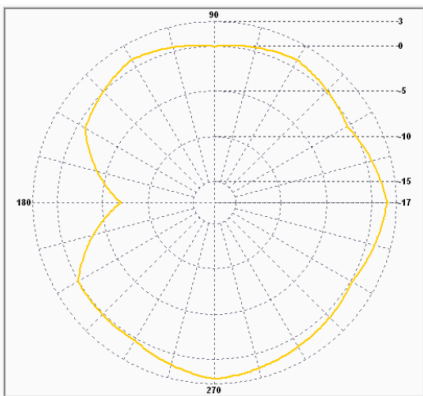
2450MHZ_Total_Z-X



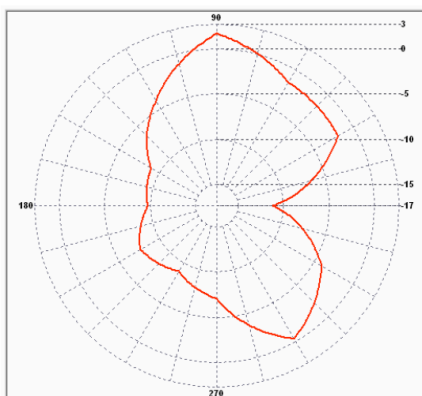
2450MHZ_Total_Z-Y



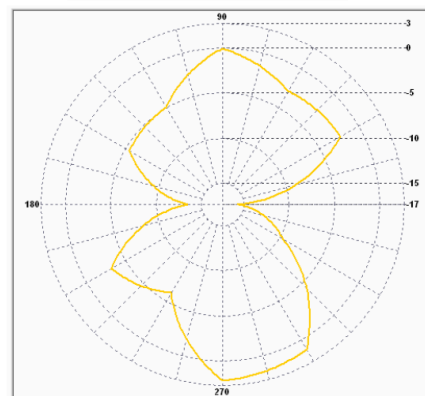
5550MHZ_Total_X-Y



5550MHZ_Total_Z-X



5550MHZ_Total_Z-Y



4.1 3d pattern

2450MHz

5550 MHz

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

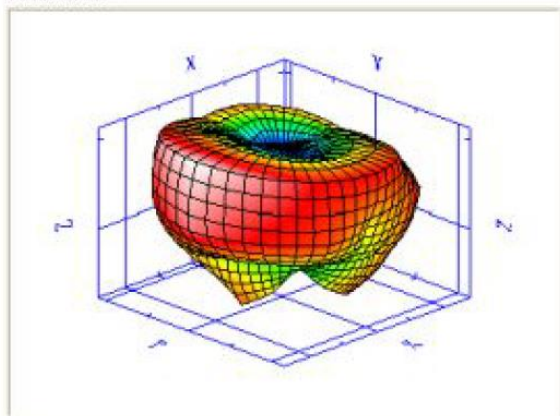
DESIGNED BY: APPROVED BY: 吳俊尉

鴻富泰精密工業有限公司
HONGFUTAI PRECISION INDUSTRY LIMITED

SPEC REV.

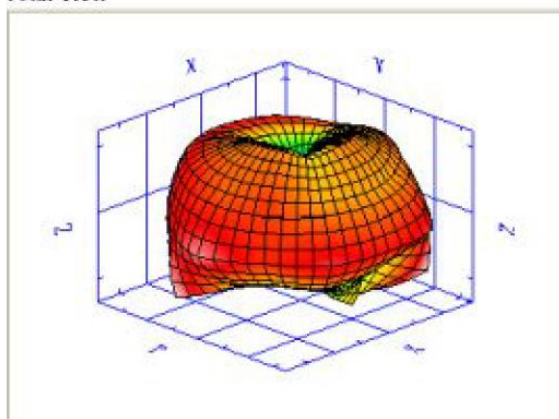
A0

Total View



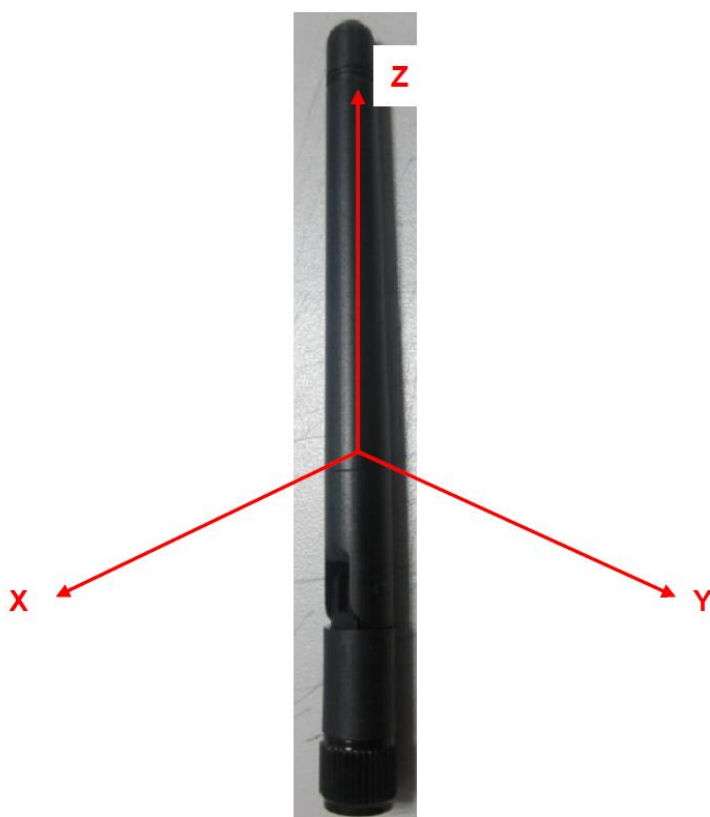
1.89 0.04 -1.82 -3.68 -5.53 -7.39 -9.25 -11.1 -12.96

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



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

鴻富泰精密工業有限公司
HONGFUTAI PRECISION INDUSTRY LIMITED

SPEC REV.

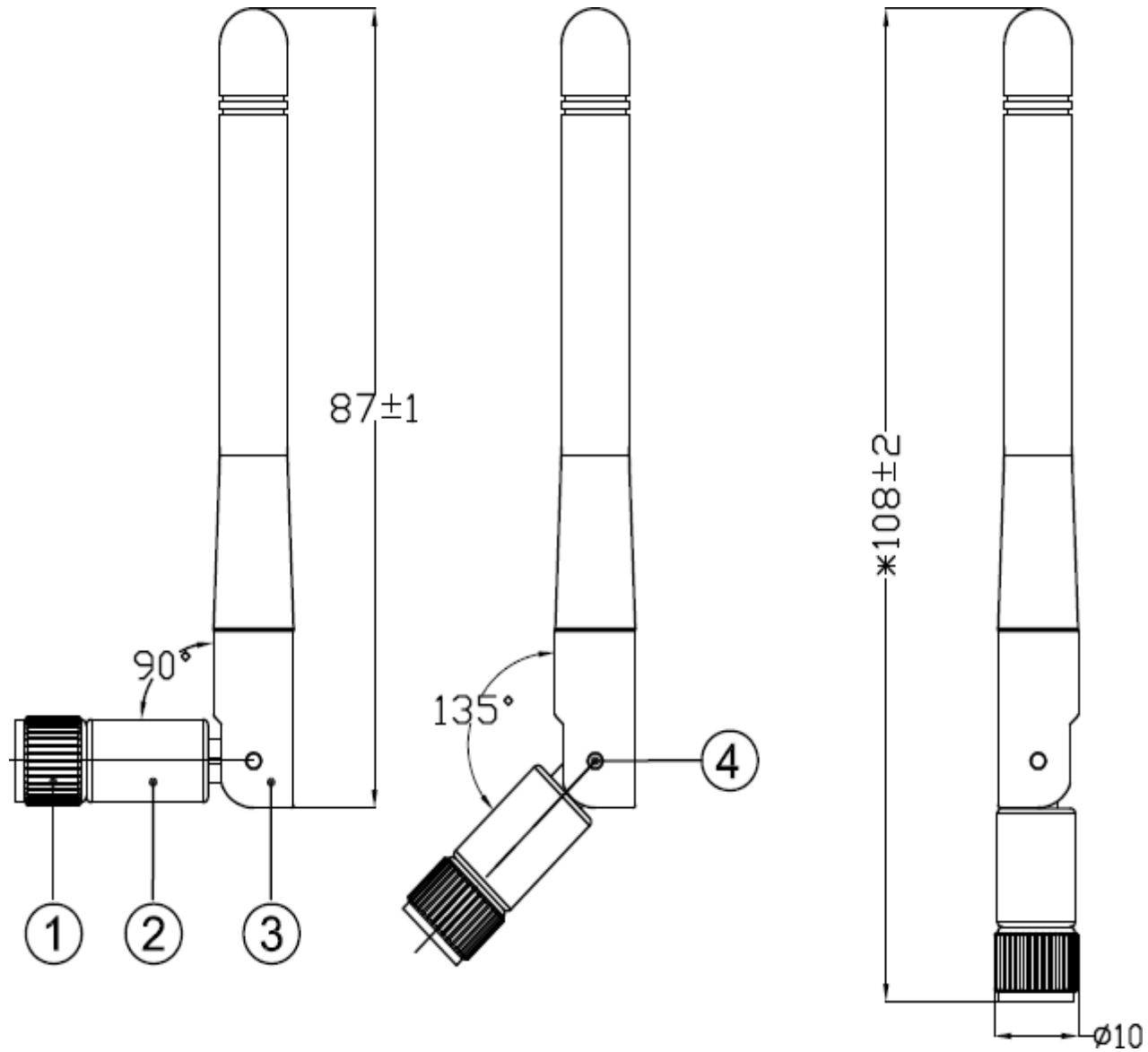
A0

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:



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

鴻富泰精密工業有限公司
HONGFUTAI PRECISION INDUSTRY LIMITED

SPEC REV.

A0

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%

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

鸿富泰精密工业有限公司
HONGFUTAI PRECISION INDUSTRY LIMITED

SPEC REV.

A0