

Antenna Type / Gain: Dipole Antenna

Chain 0:

5150~5250: Gain: 5.30 dBi

5250~5350: Gain: 5.30 dBi

5470~5725: Gain: 5.30 dBi

5725~5850: Gain: 4.80 dBi

Chain 1:

5150~5250: Gain: 4.90 dBi

5250~5350: Gain: 4.90 dBi

5470~5725: Gain: 4.90 dBi

5725~5850: Gain: 4.30 dBi

Power Directional Gain:

5150~5250: Gain: 8.11 dBi

5250~5350: Gain: 8.11 dBi

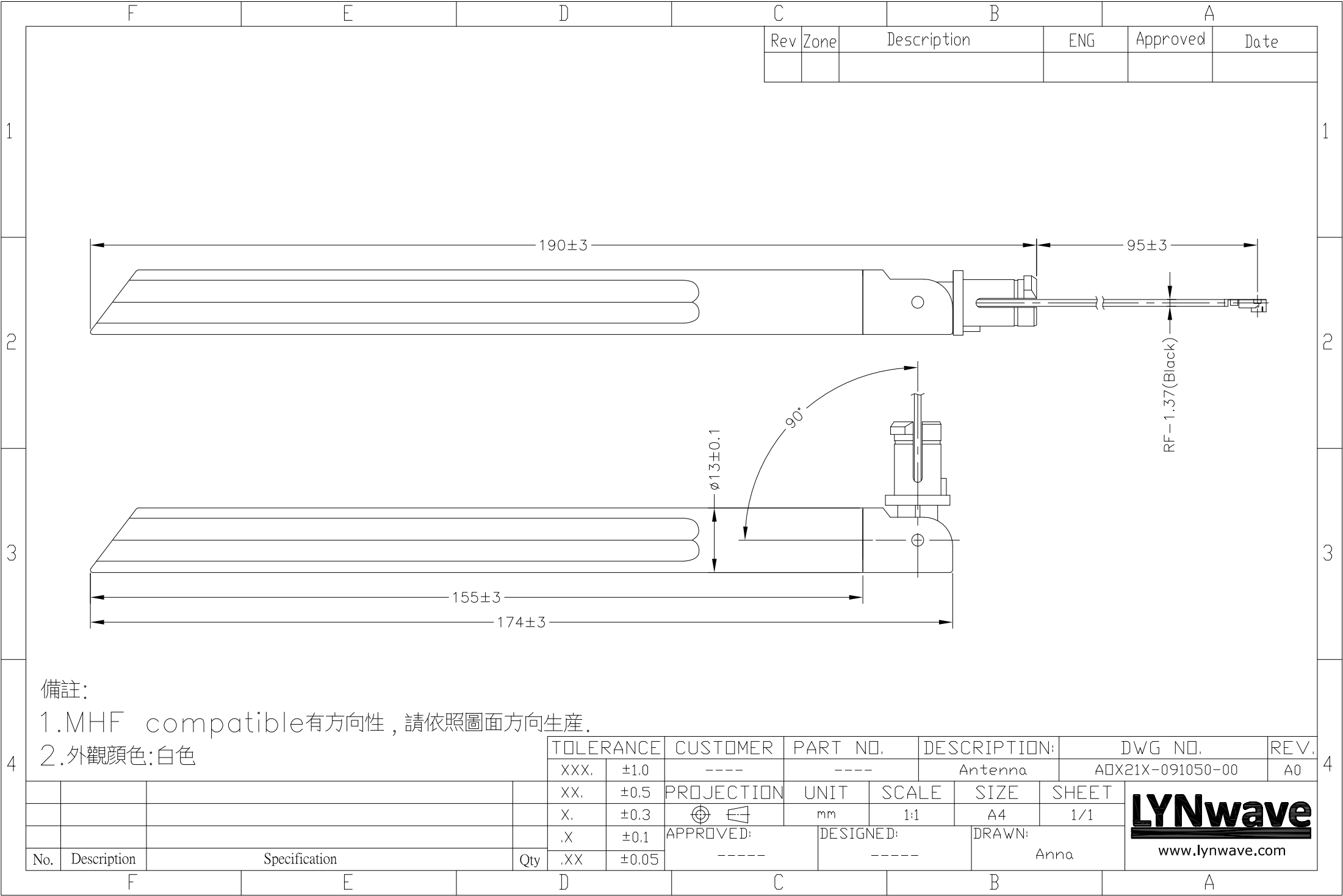
5470~5725: Gain: 8.11 dBi

5725~5850: Gain: 7.56dBi

Brand /Model : Chain 0: LYNWARE / AOX21X-091050-00
Chain 1: LYNWARE / AOX21X-091051-00

實照



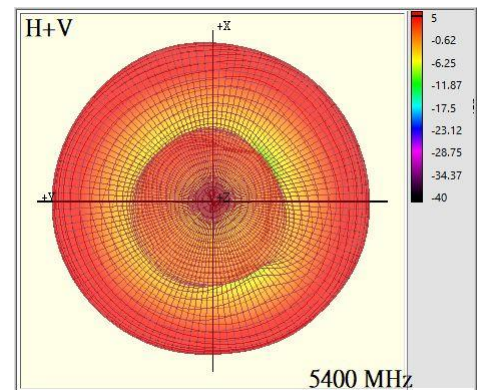


Features

- Single band IEEE 802.11 a/n/ac/ax standard
- Case mounting or on board mount
- High efficiency
- Quick integration

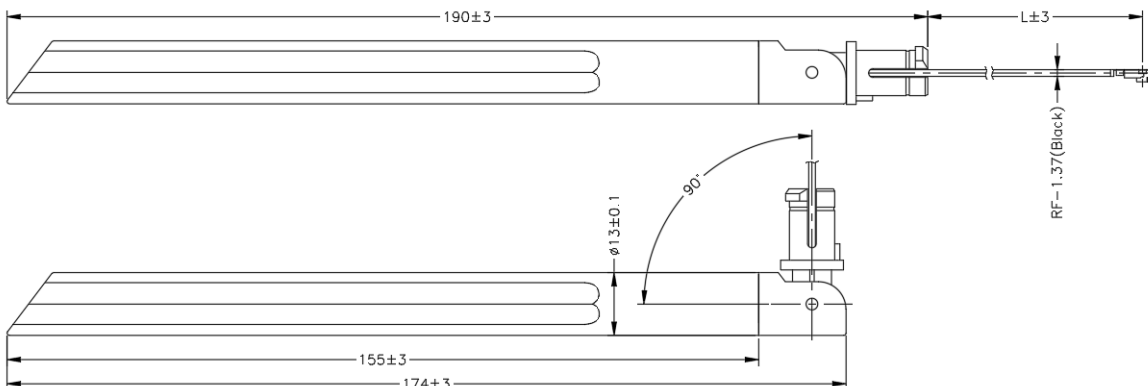
Specification

Frequency (MHz)	4900 ~ 5825
Peak Gain (dBi)	5.4
VSWR	2.0:1
Power (Watts)	1
Impedance (Ohms)	50
Dimension (mm)	Ø13 x 190
Color	White
Connector	MHF compatible
Cable length (mm)	95
Operating Temp (°C)	-40°C ~ +85°C

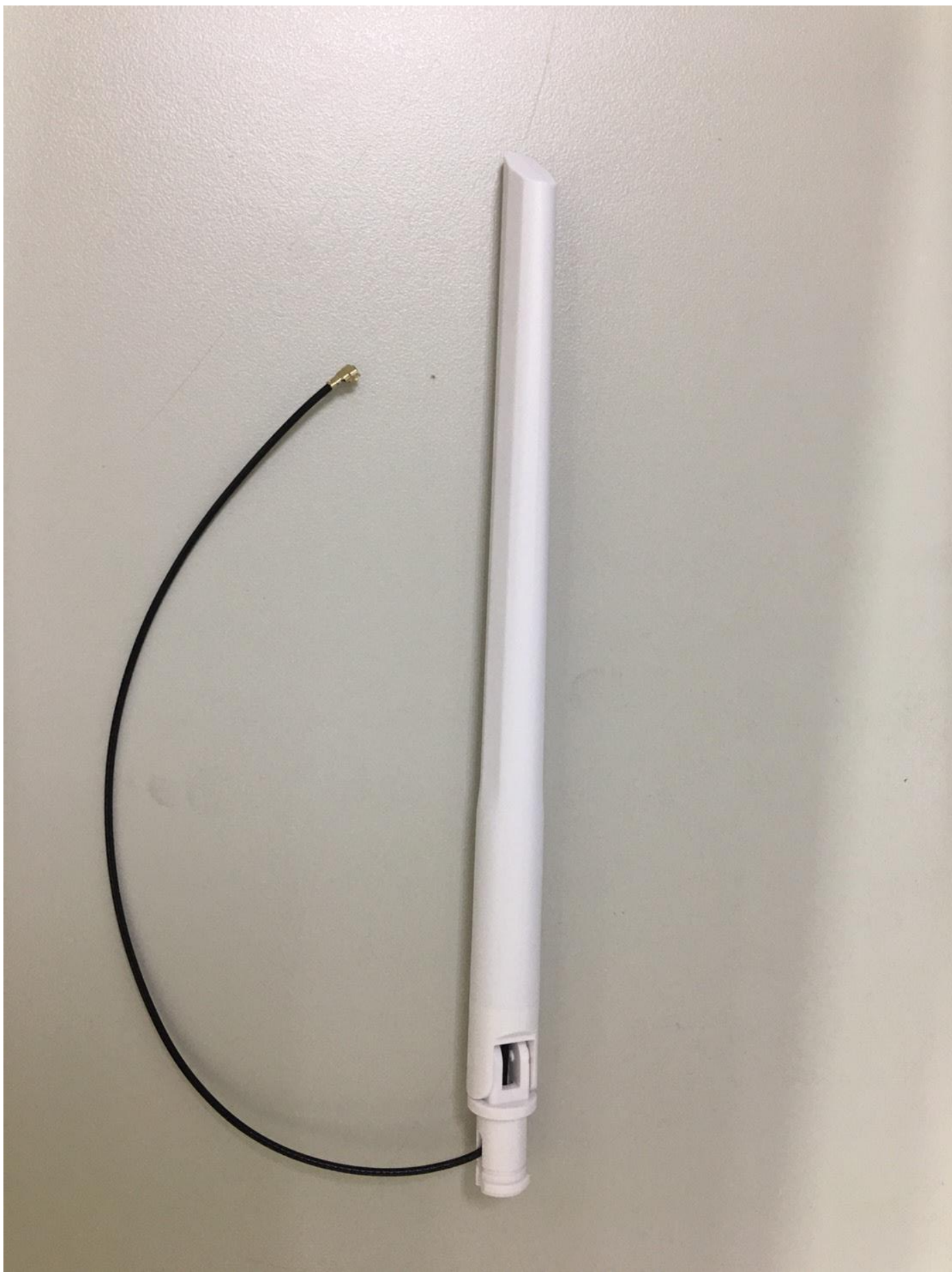


5GHz

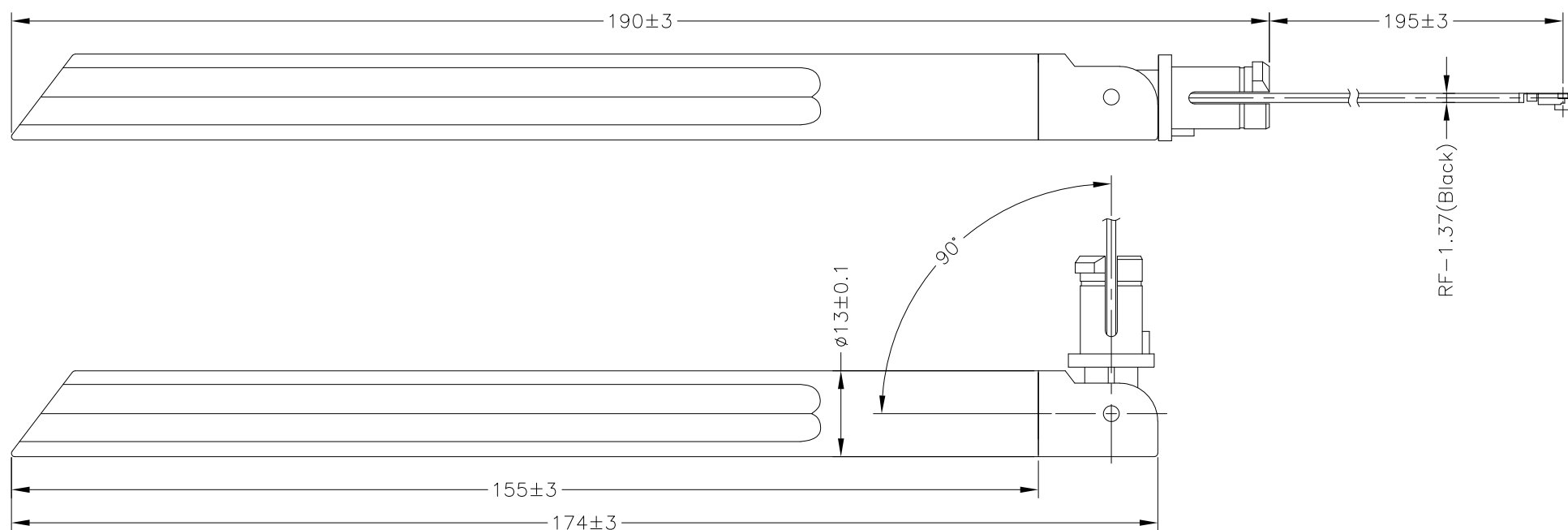
Mechanical Dimensions



實照



C		B		A	
Rev	Zone	Description	ENG	Approved	Date



備註:

1.MHF compatible有方向性，請依照圖面方向生產。

2.外觀顏色:白色

2.外觀顏色:白色				TOLERANCE		CUSTOMER	PART NO.		DESCRIPTION:	DWG NO.		REV.
				XXX.	±1.0	----	----		Antenna	ADX21X-091051-00		A0
				XX.	±0.5	PROJECTION	UNIT	SCALE	SIZE	SHEET		LYNwave www.lynwave.com
				X.	±0.3		mm	1:1	A4	1/1		
				.X	±0.1	APPROVED:		DESIGNED:		DRAWN:		
No.	Description	Specification		Qty	.XX	±0.05	-----		-----		Anna	

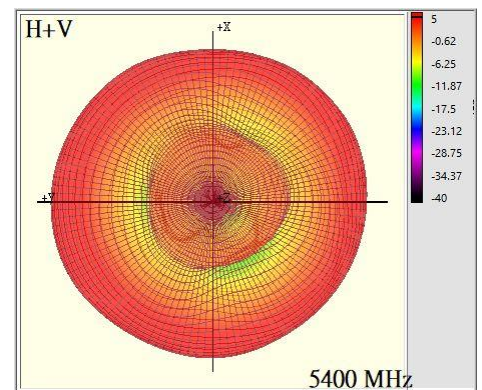
LYNwave
www.lynwave.com

Features

- Single band IEEE 802.11 a/n/ac/ax standard
- Case mounting or on board mount
- High efficiency
- Quick integration

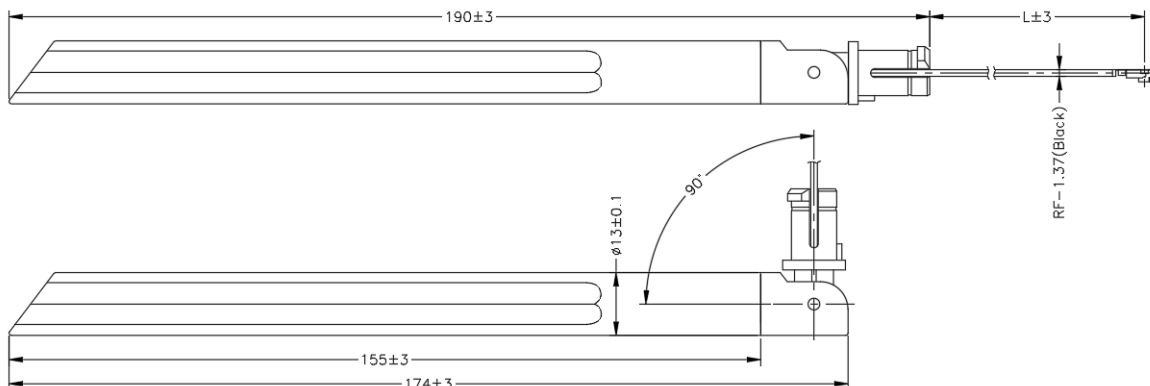
Specification

Frequency (MHz)	4900 ~ 5825
Peak Gain (dBi)	5
VSWR	2.0:1
Power (Watts)	1
Impedance (Ohms)	50
Dimension (mm)	Ø13 x 190
Color	White
Connector	MHF compatible
Cable length (mm)	195
Operating Temp (°C)	-40°C ~ +85°C



5GHz

Mechanical Dimensions



Return Loss

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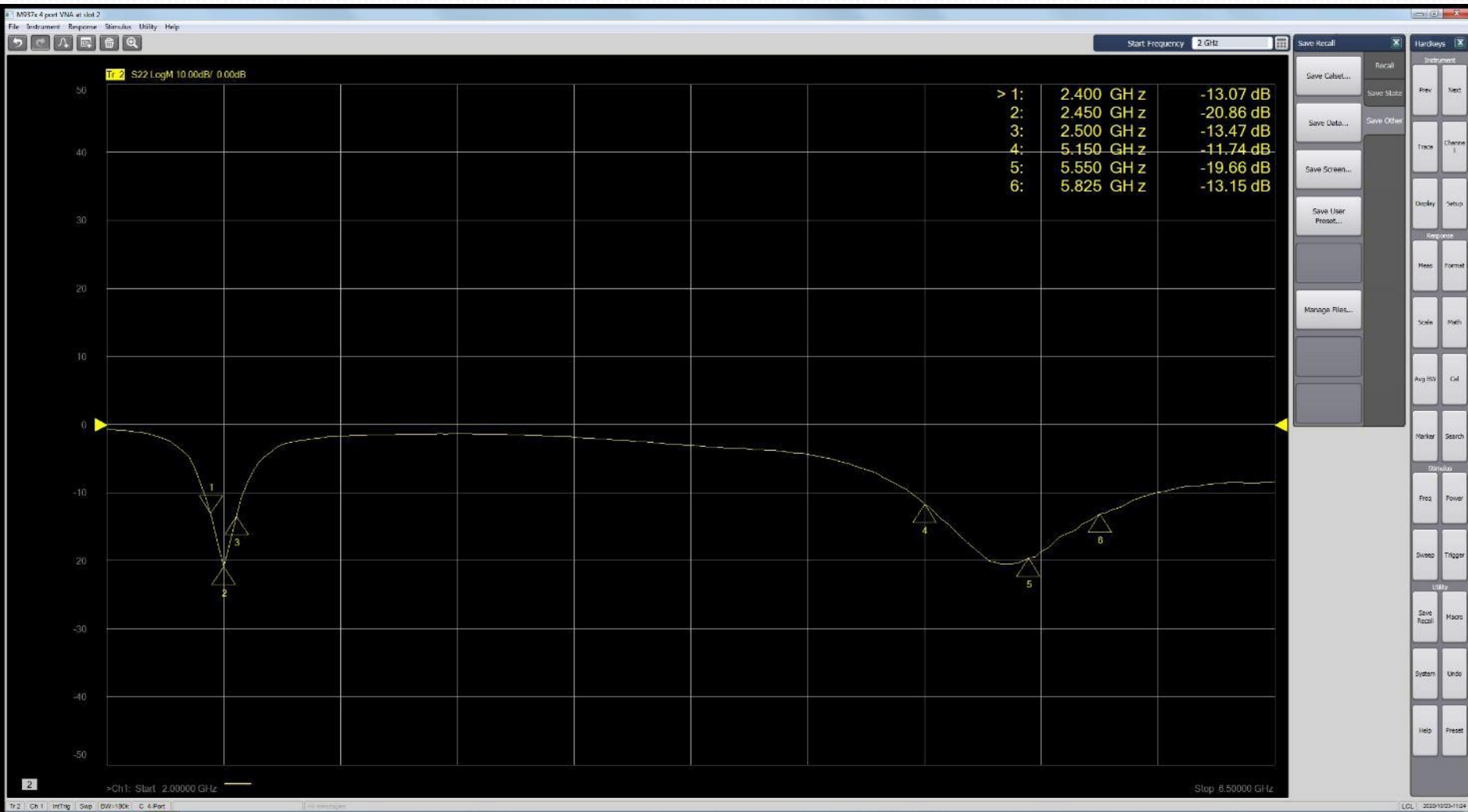
Isolation

LYNwave



DFS S-parameter

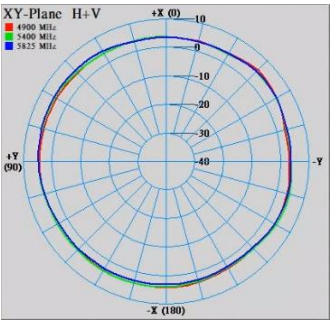
LYNwave



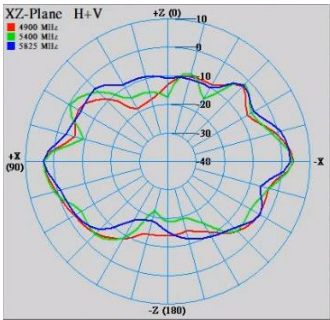
Ant.3_5GHz 2D.3D Radiation Pattern
Frequency(MHz) : 2D. 5150~5825
3D. 5550

Radiation Pattern :

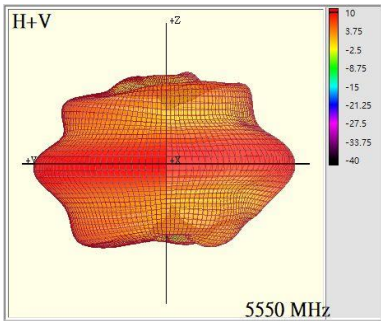
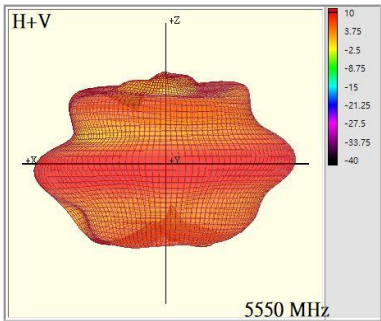
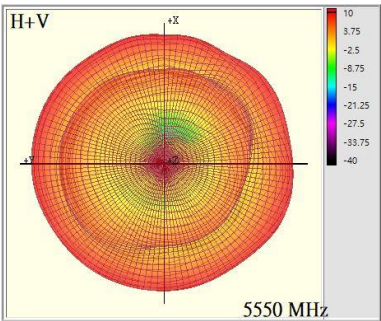
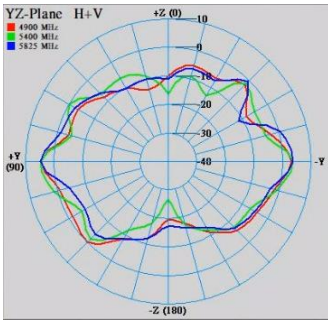
Azimuth Plane



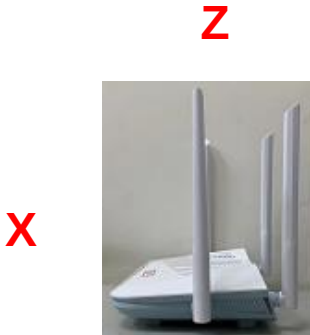
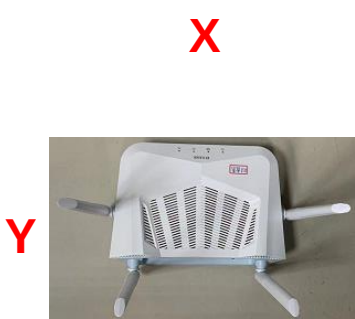
Elevation Plane
 $\phi = 0$



Elevation Plane
 $\phi = 90$



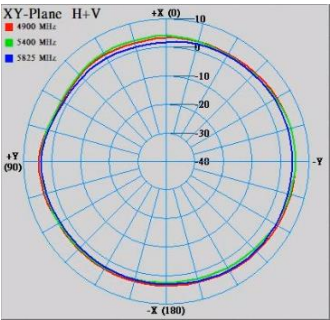
Setup :



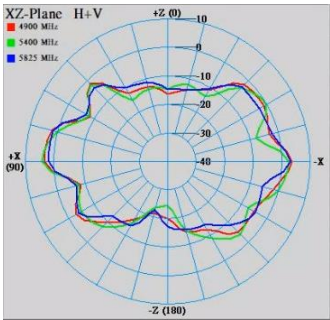
Ant.4_5GHz 2D.3D Radiation Pattern
Frequency(MHz) : 2D. 5150~5825
3D. 5550

Radiation Pattern :

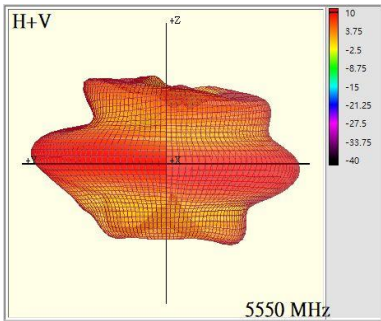
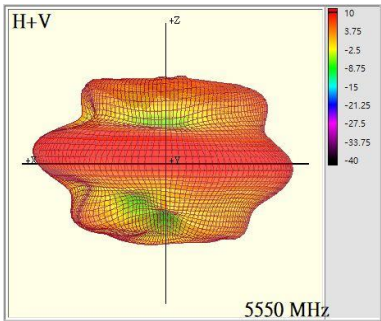
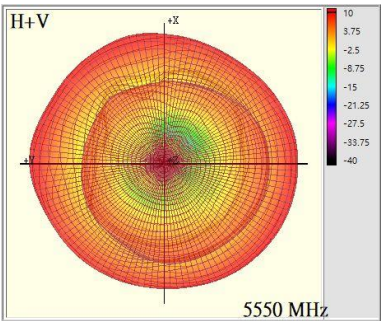
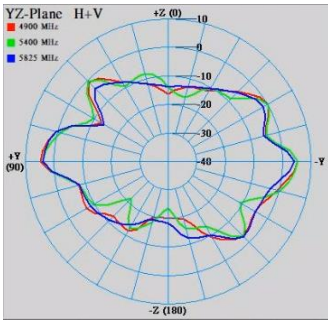
Azimuth Plane



Elevation Plane
 $\phi = 0$



Elevation Plane
 $\phi = 90$

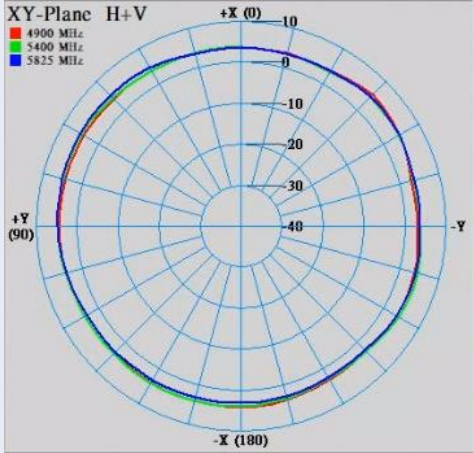
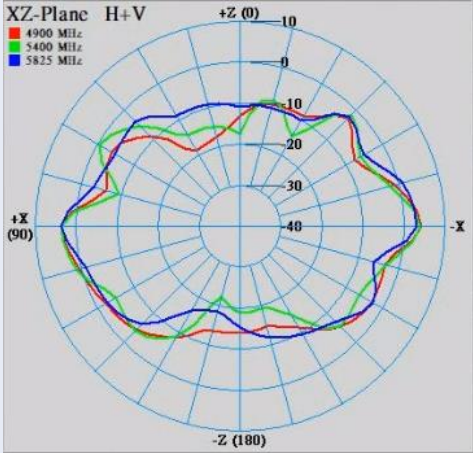
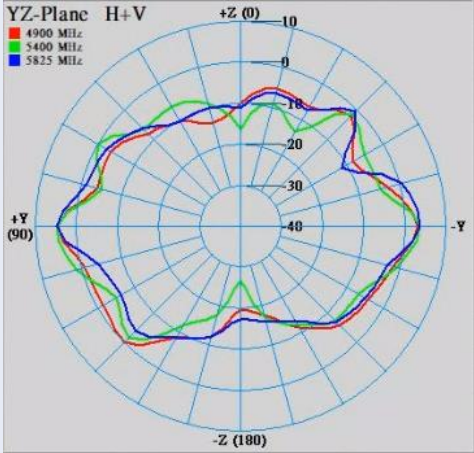


Setup :



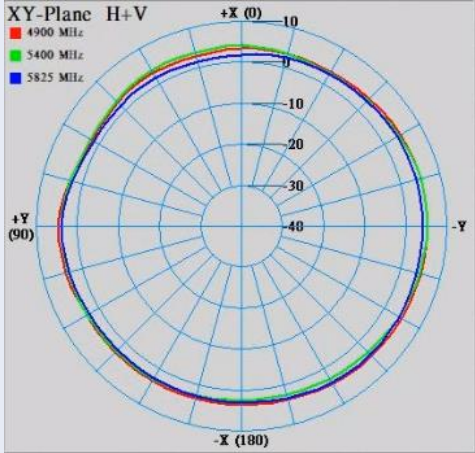
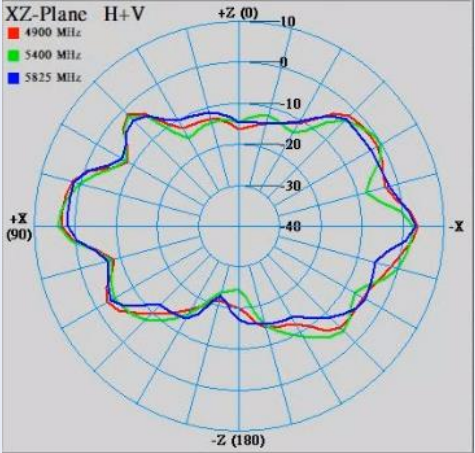
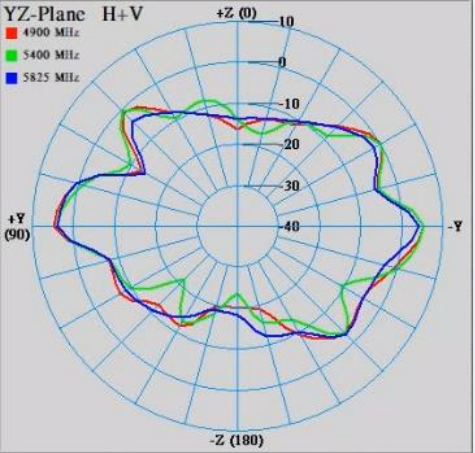
Ant.3 5GHz 2D Radiation Pattern

LYNwave

Frequency(MHz)	4900~5825		
Plane	XY	XZ	YZ
Radiation Pattern			
			
Setup			

Ant.4 5GHz 2D Radiation Pattern

LYNwave

Frequency(MHz)	4900~5825		
Plane	XY	XZ	YZ
Radiation Pattern			
			
Setup			

Gain Table

LYNwave

	Ant.3		
Frequency (MHz)	4900	5400	5825
Peak Gain(dBi)	4.8	5.3	4.8
Efficiency(%)	72	78	73
	Ant.4		
Frequency (MHz)	4900	5400	5825
Peak Gain(dBi)	4.4	4.9	4.3
Efficiency(%)	71	72	77