

Antenna Type : Dipole Antenna

Antenna Gain: Chain 0: Gain: 4.8 dBi

Chain 1: Gain: 4.4 dBi

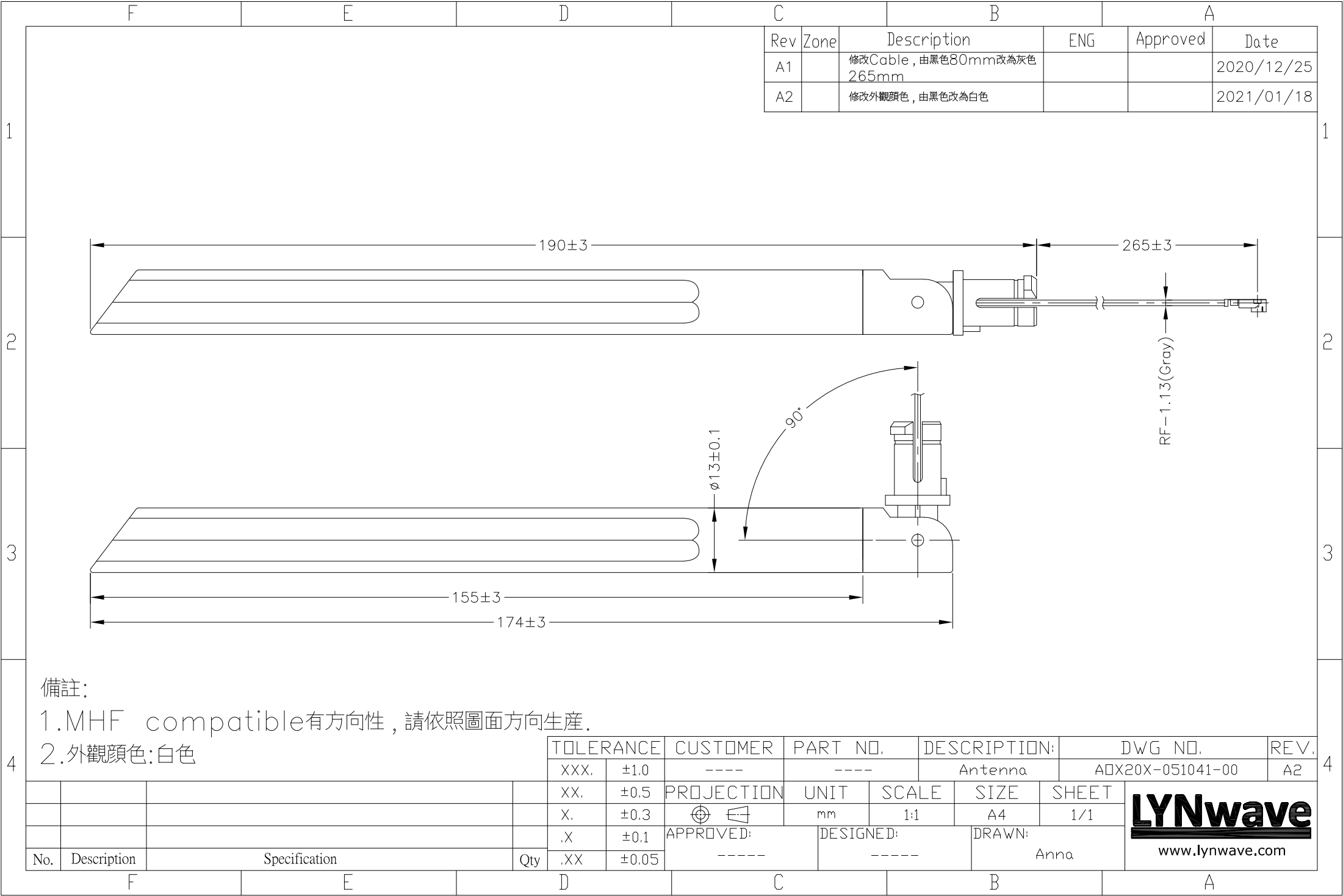
Power Directional Gain: 7.61 dBi

Antenna Brand Name: Chain 0: LYNWARE / AOX20X-051048-00

Antenna Brand Name : Chain 1: LYNWARE / AOX21X-051041-00

實照



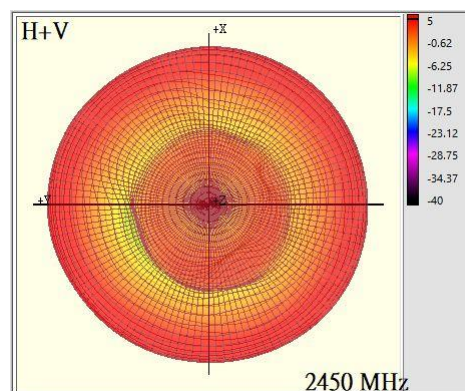


Features

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

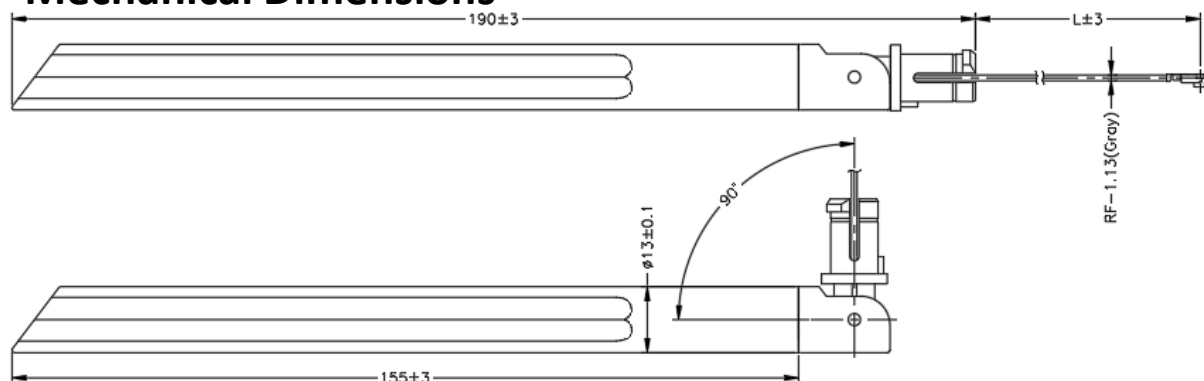
Specification

Frequency (MHz)	2400 ~ 2500
Peak Gain (dBi)	4.4
VSWR	2.0:1
Power (Watts)	1
Impedance (Ohms)	50
Dimension (mm)	Ø13 x 190
Color	White
Connector	MHF compatible
Cable length (mm)	265
Operating Temp (°C)	-40°C ~ +85°C



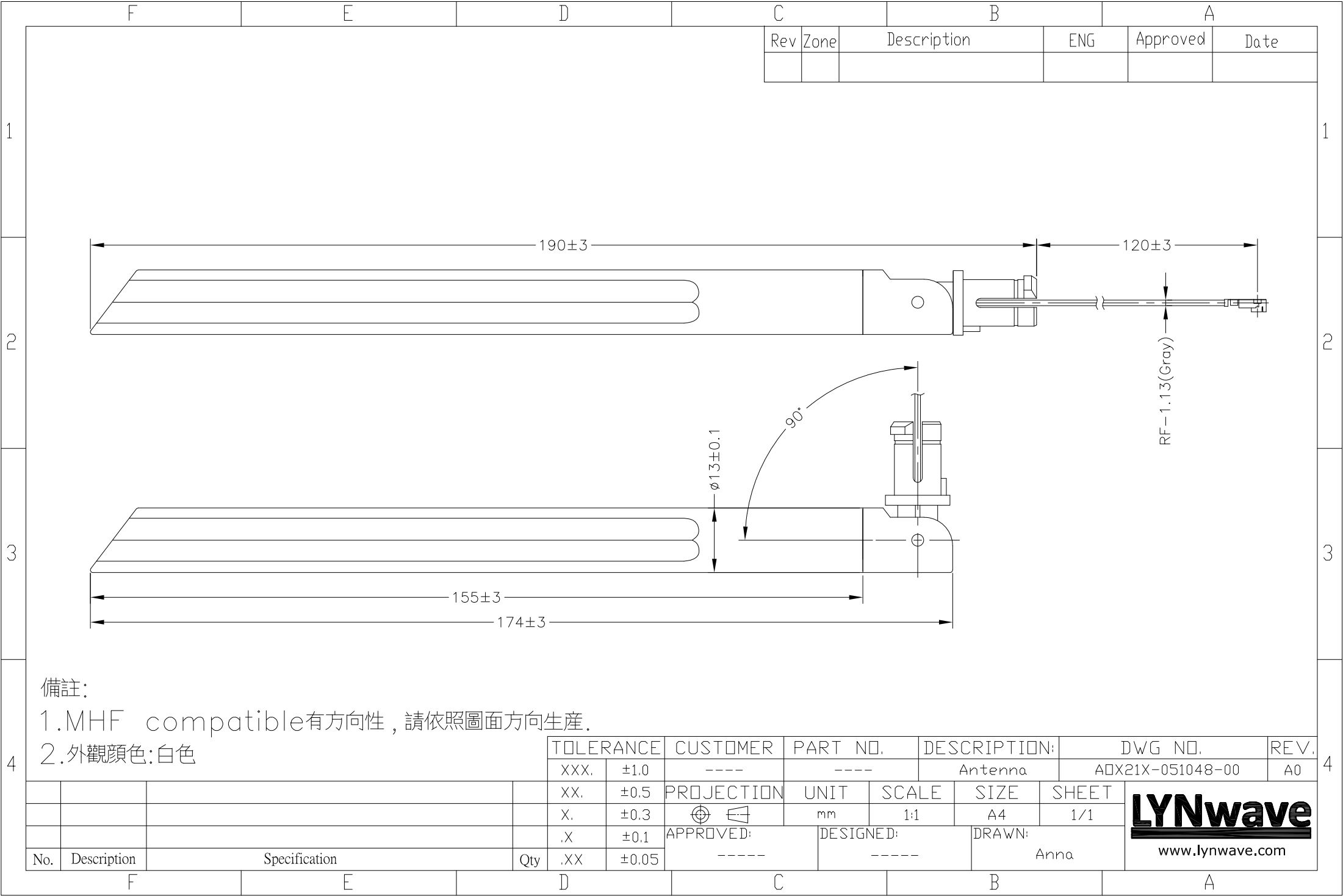
2.45GHz

Mechanical Dimensions



實照





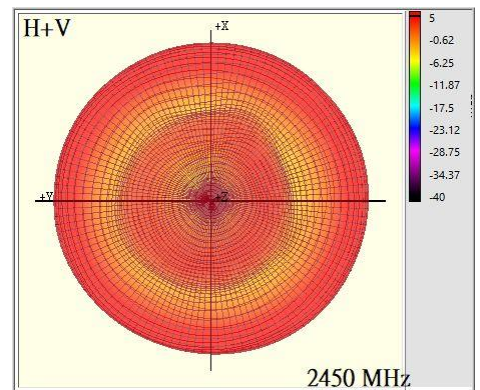
Features

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

Specification(Preliminary)

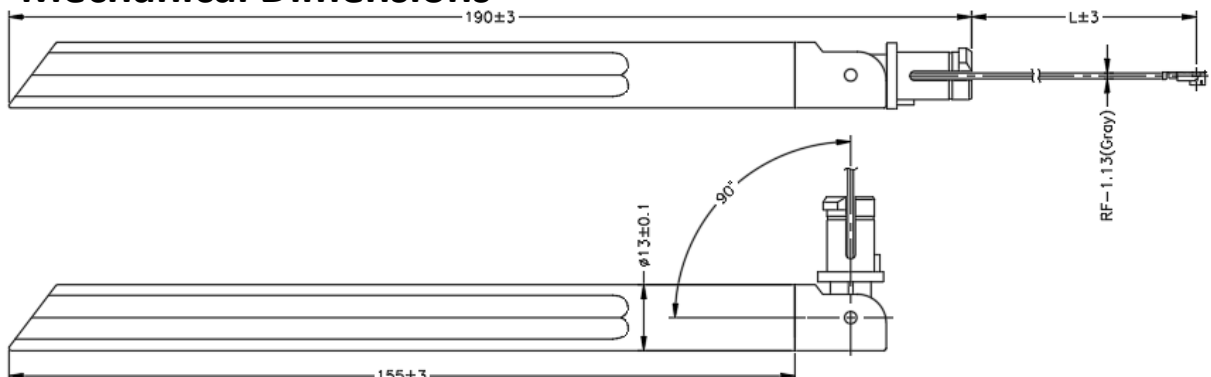


Frequency (MHz)	2400 ~ 2500
Peak Gain (dBi)	4.8
VSWR	2.0:1
Power (Watts)	1
Impedance (Ohms)	50
Dimension (mm)	Ø13 x 190
Color	White
Connector	MHF compatible
Cable length (mm)	120
Operating Temp (°C)	-40°C ~ +85°C



2.45GHz

Mechanical Dimensions



Return Loss

LYNwave



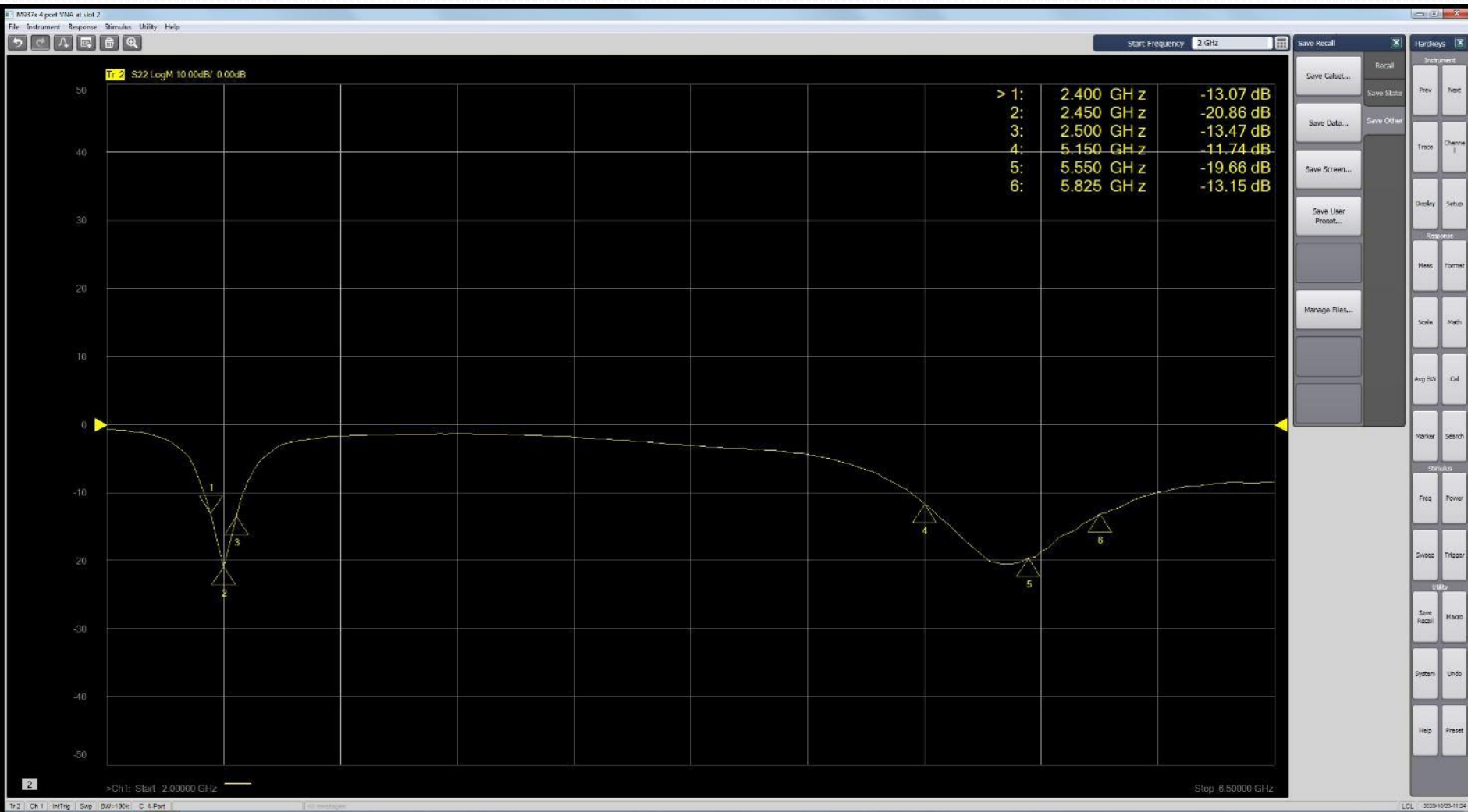
Isolation

LYNwave



DFS S-parameter

LYNwave

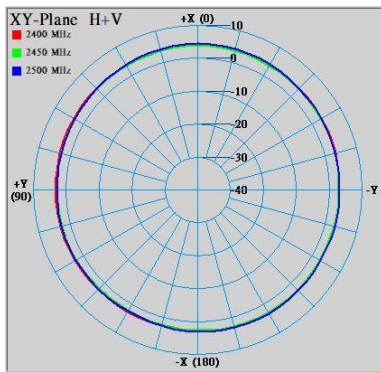


Ant.1_2.4GHz 2D.3D Radiation Pattern

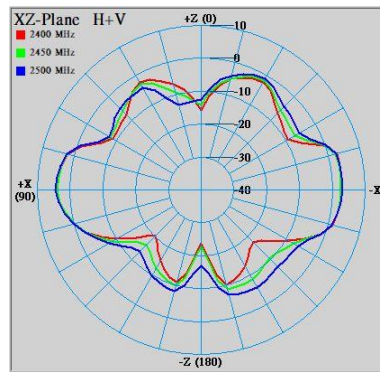
Frequency(MHz) : 2D. 2400~2500
3D. 2450

Radiation Pattern :

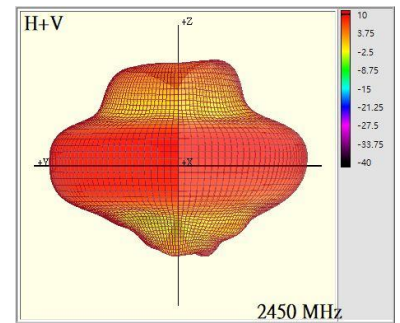
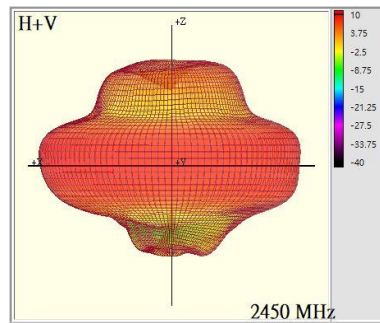
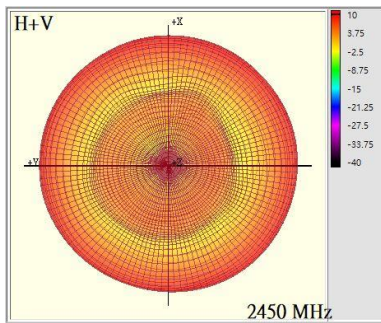
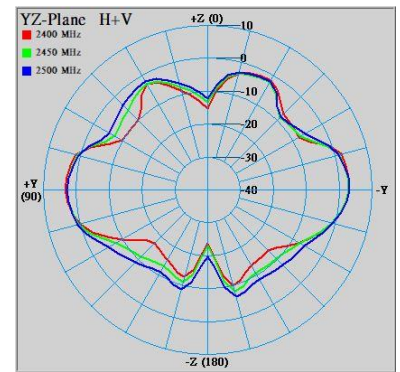
Azimuth Plane



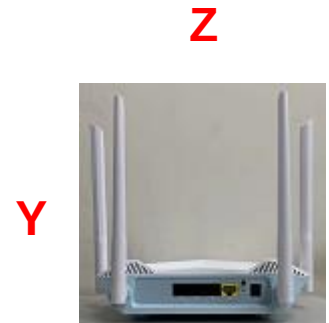
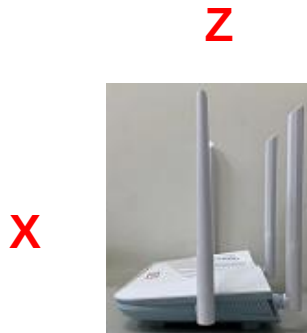
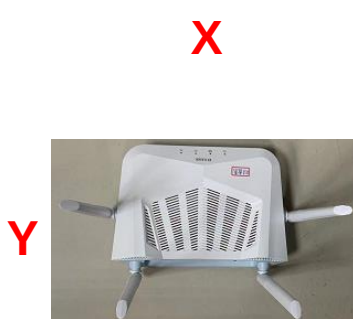
Elevation Plane
phi = 0



Elevation Plane
phi = 90



Setup :

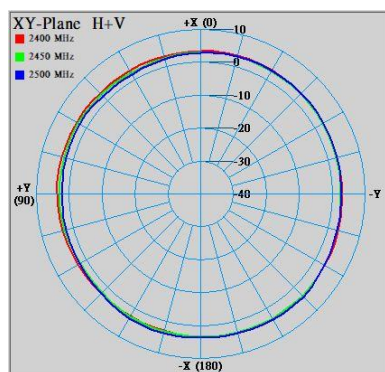


Ant.2_2.4GHz 2D.3D Radiation Pattern

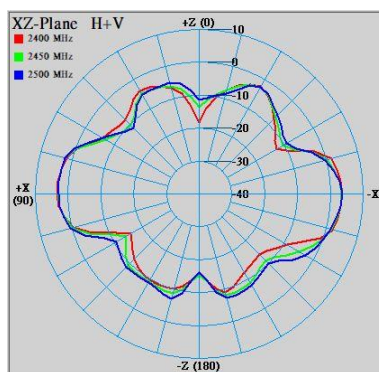
Frequency(MHz) : 2D. 2400~2500
3D. 2450

Radiation Pattern :

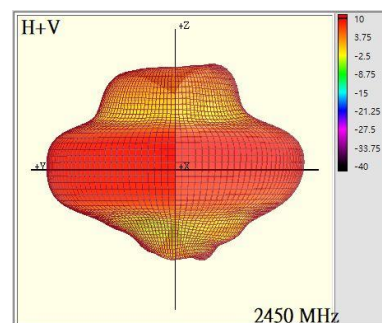
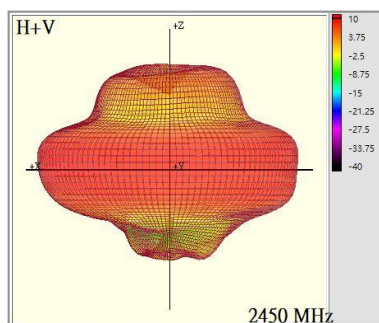
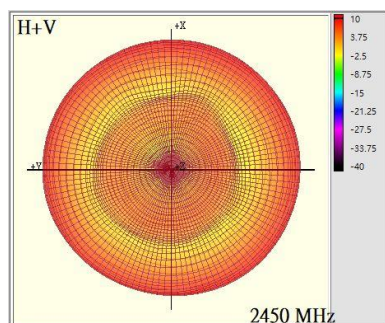
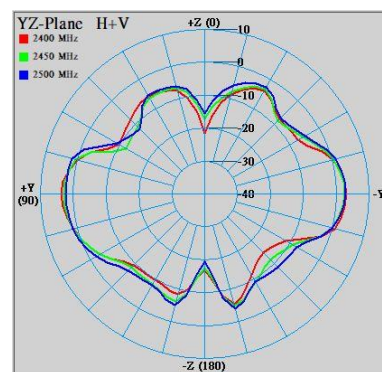
Azimuth Plane



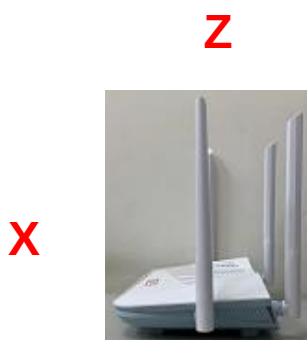
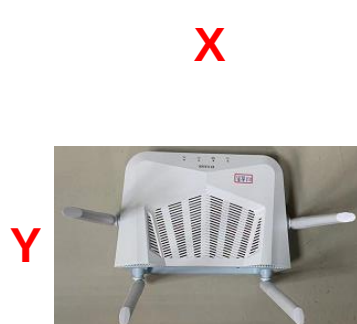
Elevation Plane
phi = 0



Elevation Plane
phi = 90

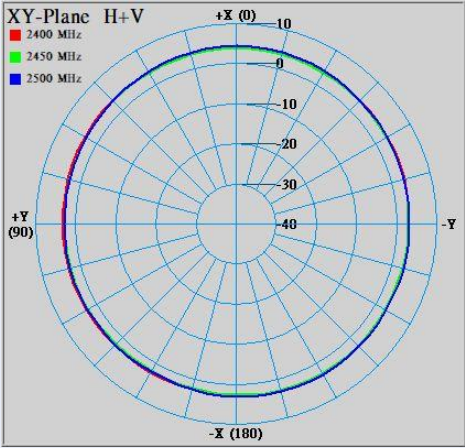
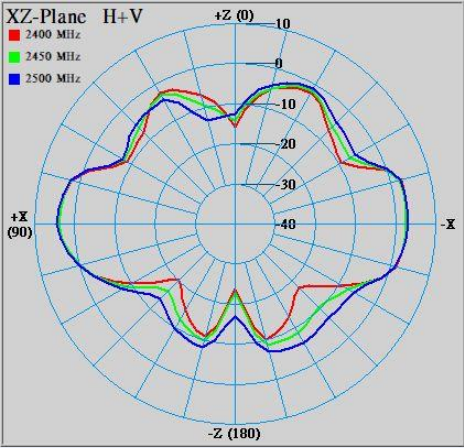
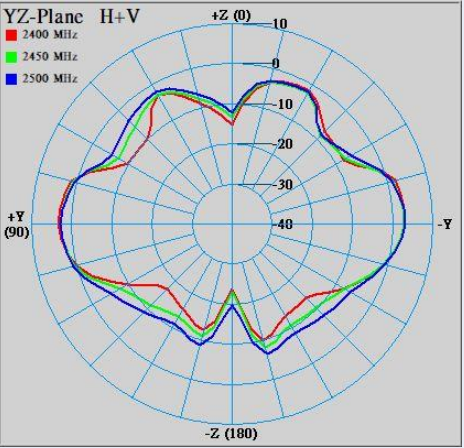


Setup :



Ant.1 2.4GHz 2D Radiation Pattern

LYNwave

Frequency(MHz)	2400~2500		
Plane	XY	XZ	YZ
Radiation Pattern			
Setup			

Ant.2 2.4GHz 2D Radiation Pattern

LYNwave

Frequency(MHz)

2400~2500

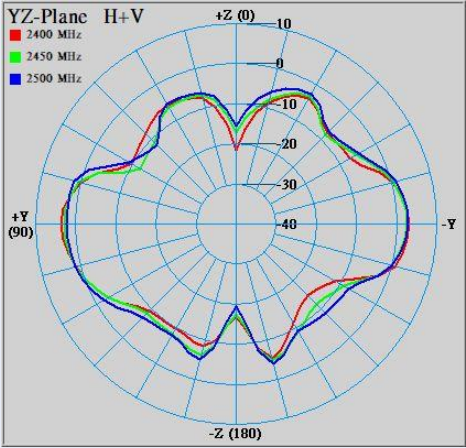
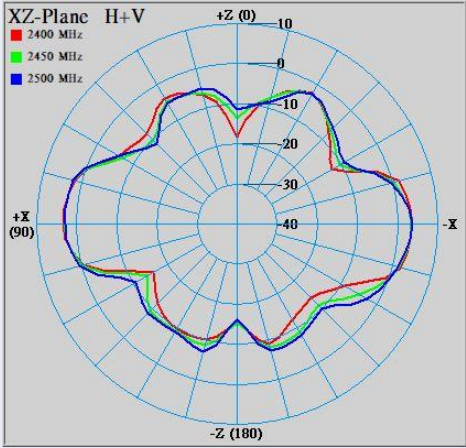
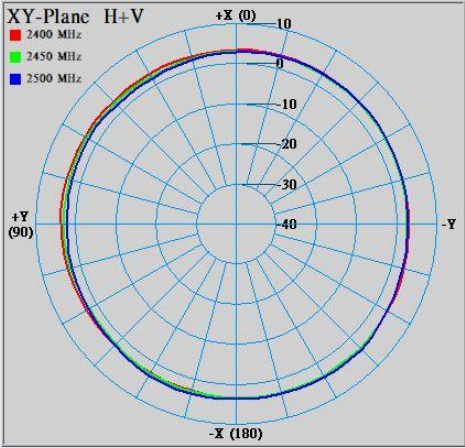
Plane

XY

XZ

YZ

Radiation Pattern



Setup



Gain Table

LYNwave

	Ant.1		
Frequency (MHz)	2400	2450	2500
Peak Gain(dBi)	4.0	4.8	4.5
Efficiency(%)	71	74	72
	Ant.2		
Frequency (MHz)	2400	2450	2500
Peak Gain(dBi)	4.0	4.4	4.1
Efficiency(%)	75	76	72