

規格書

SPECIFICATION

CUSTOMER:

CUSTOMER MODULE NO:

Lianhan Tech MODULE NO: **A02-0112-0204-NN092**

DESCRIPTION: **2.4G/6G EXTERNAL ANTENNA**

PRODUCT DESCRIPTION: **PCB ANTENNA (Printed Circuit Board)**

Address: 2 F., No. 57, Xinxing N. St., Zhongli Dist., Taoyuan City 320043, Taiwan (R.O.C.)

DATE: **2026.03.06**

CUSTOMER APPROVAL	Lianhan Tech APPROVAL

Name: A02-0112-0204-NN092

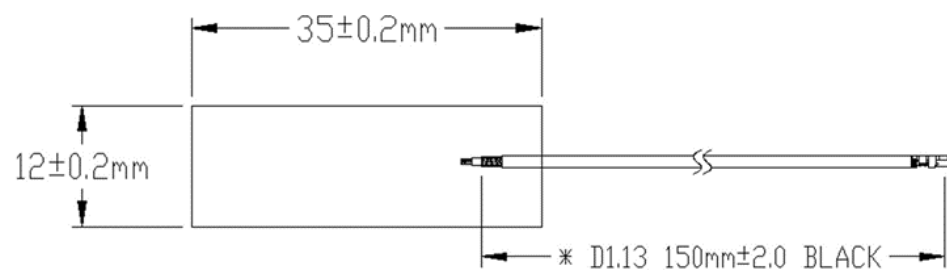
Features

2.4G/6G External Antenna

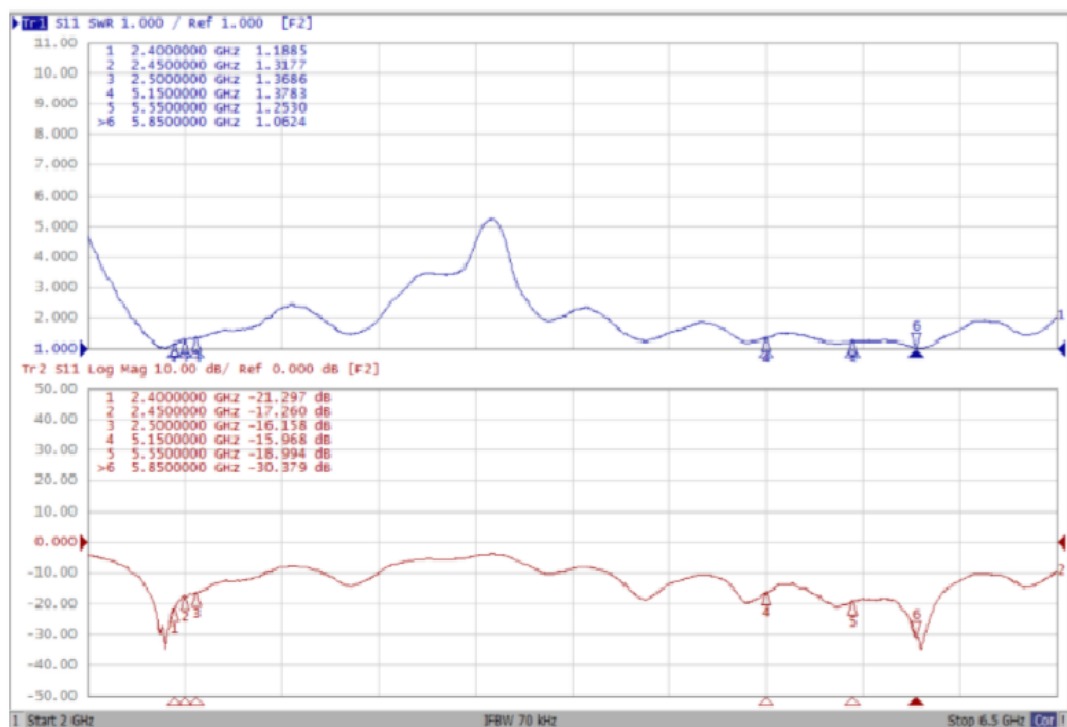
- Wide band Outdoor Antenna
- High efficiency
- Quick integration

Frequency (MHz)	2400~2500 / 5100~5850
Peak Gain (dBi)	4dBi / 5dBi
VSWR	2.0 MAX
Polarization	Linear,vertical
Impedance (Ohms)	50
Antenna Material	PCB (Printed Circuit Board)
Dimension (mm)	35*12mm T0.8mm
Connector	IPEX MHF (4)
Cable	φ 1.13 Black
Operating Temp (°C)	-40°C ~ +85°C

工程	部品圖
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Electrical Test (without case)



Antenna Performance – Efficiency & Peak Gain

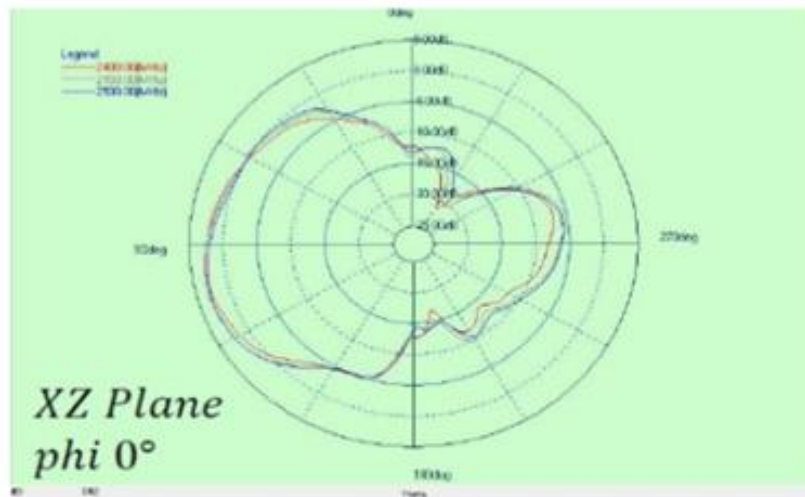
(without case)

Frequency (MHz)	2400	2450	2500
Efficiency %	62.36	62.95	54.63
Peak Gain dBi	3.63	4.01	3.51

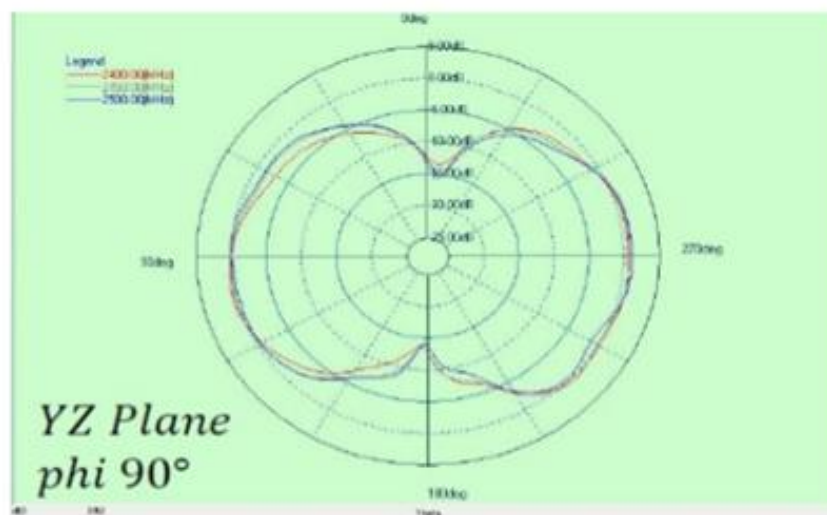
Frequency (MHz)	5150	5350	5470	5500	5650	5750	5850
Efficiency %	58.95	56.21	51.53	50.76	54.15	51.12	57.67
Peak Gain dBi	5.55	5.34	5.17	5.11	5.64	5.41	5.78

Radiation pattern

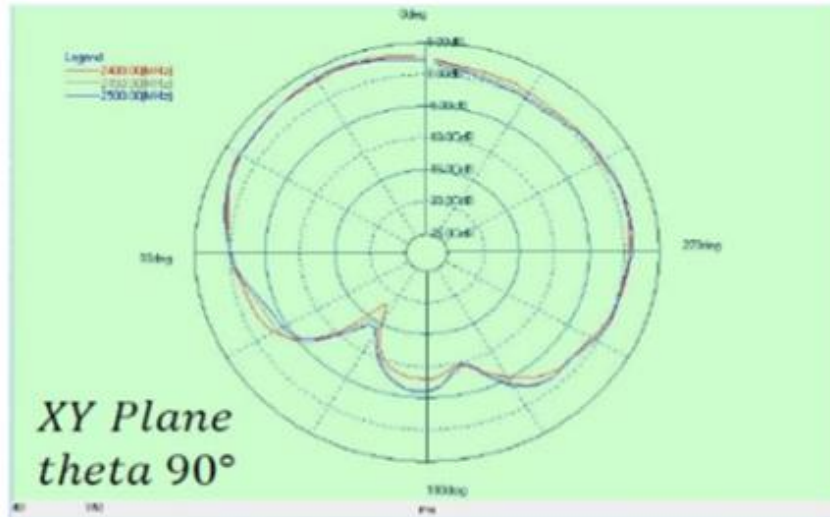
2D Radiation Pattern
2400~2500 MHz
XZ Plane



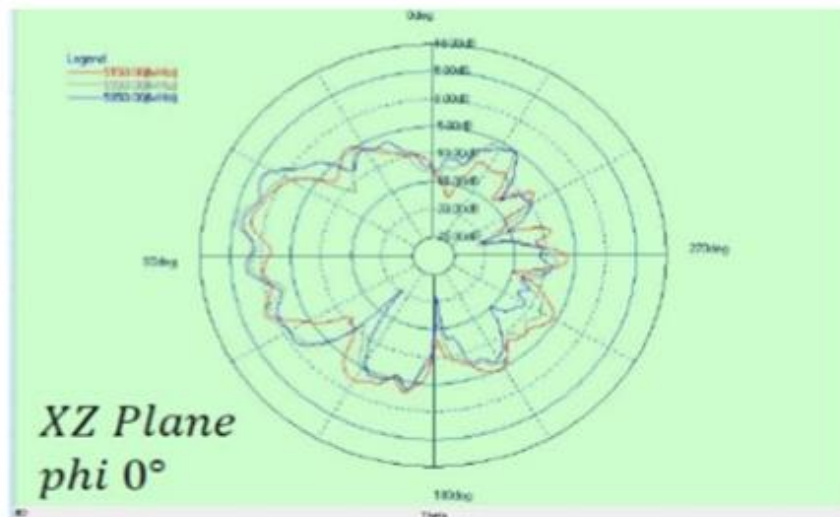
2D Radiation Pattern
2400~2500 MHz
YZ Plane



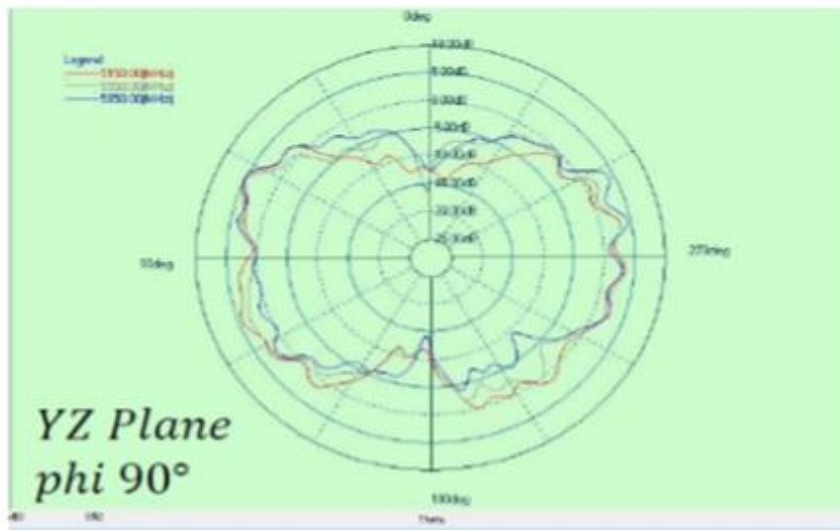
2D Radiation Pattern 2400~2500 MHz XY Plane



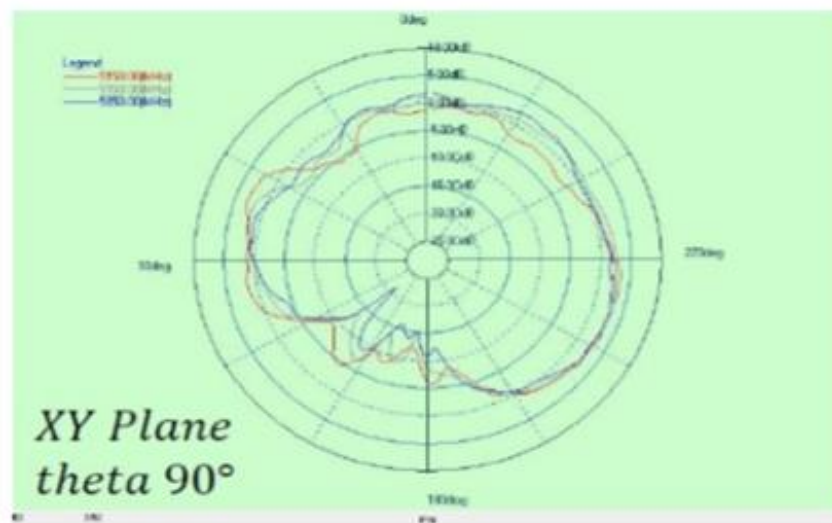
2D Radiation Pattern 5150~5850 MHz XZ Plane



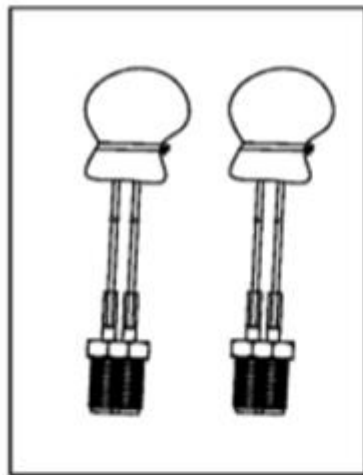
2D Radiation Pattern 5150~5850 MHz YZ Plane



2D Radiation Pattern 5150~5850 MHz XY Plane



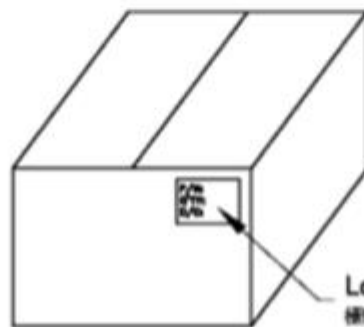
Packing



25 PCS CABLE OF 捆一束
50 PCS CABLE OF A BAG



1000 PCS NUT OF A BAG
1000 PCS WASHER OF A BAG



Label
標頭Label貼於外箱後壁