



產品承認書

Specification for Approval

客戶 (Customer): 訊舟科技股份有限公司

Customer Part No.: IC-3410SN

Product Description:

Lynwave Part No.: ALX23F-221AA0-00

客戶簽核 (Customer Approval)

客戶承認 Customer Approval	核准 (Authorized)	檢驗 (Approved)
	日期： 年 月 日	

內部簽核 (Signature)

日期： 2023 年 10 月 19 日

Approved by	Checked by	Tested by
<i>YungMing</i>	<i>Lisa Wei</i>	<i>Zero Chen</i>

綠億科技股份有限公司

Lynwave Technology Ltd.

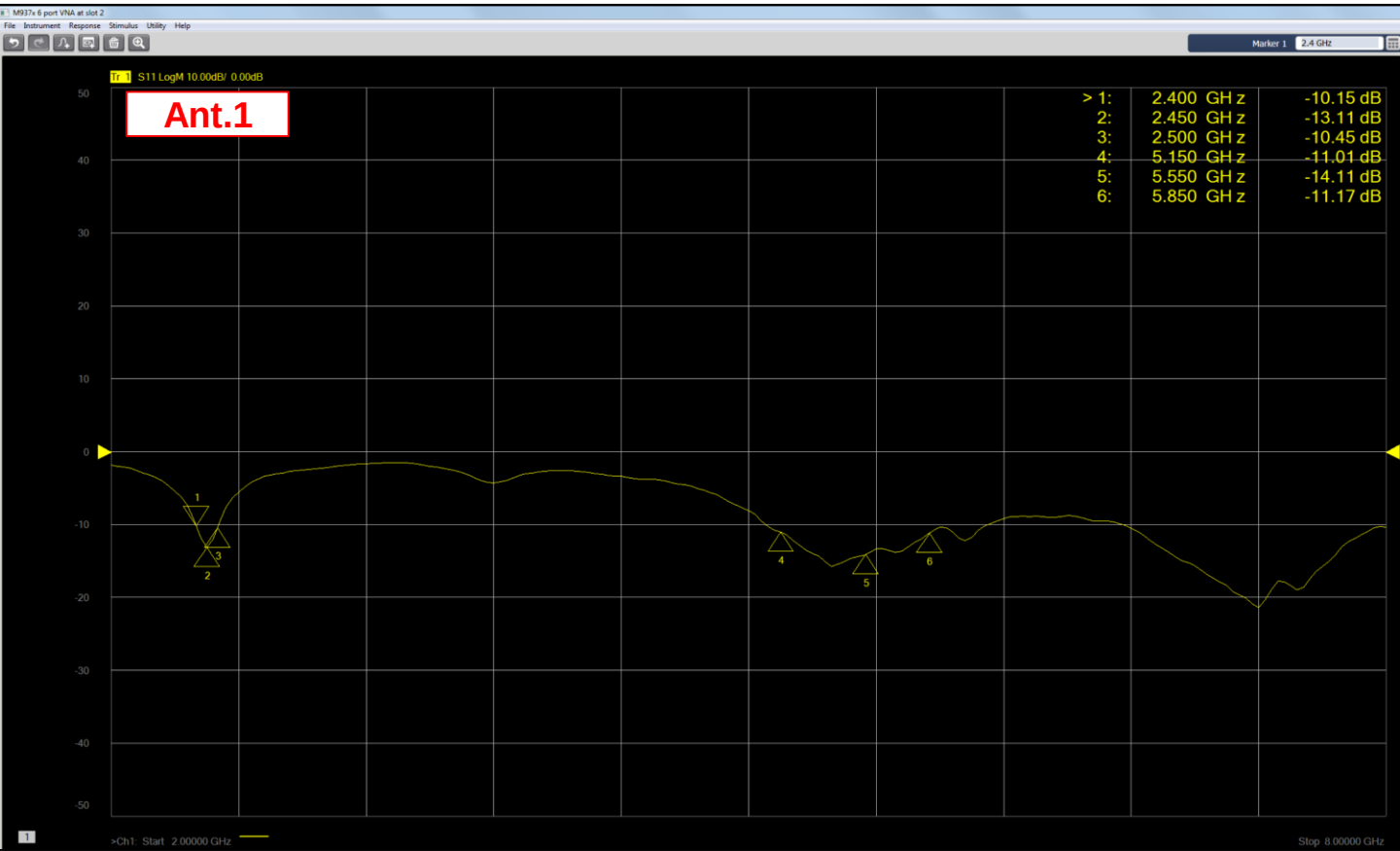
Taiwan: 新北市樹林區學成路 655 號 5 樓

5F., No.655, Xuecheng Rd., Shulin Dist., New Taipei City 238701,

Taiwan Tel: 02-35018700 Fax: 02-35019833

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S-parameters



Gain Table

Ant.1						
Frequency(MHz)	2400	2450	2500	5150	5550	5850
Peak Gain(dBi)	4.5	4.5	4.3	5.5	5.5	5.3
Efficiency(%)	63	66	64	73	74	72

The antenna characteristics

- Return loss < -10dB in operating band
- Efficiency
 - 2.4 GHz band ≥ 60%
 - 5 GHz band ≥ 60%
- Gain
 - 2.4 GHz : 4.3 ~ 4.5dBi
 - 5 GHz : 5.3 ~ 5.5dBi

Equipment :
Satimo

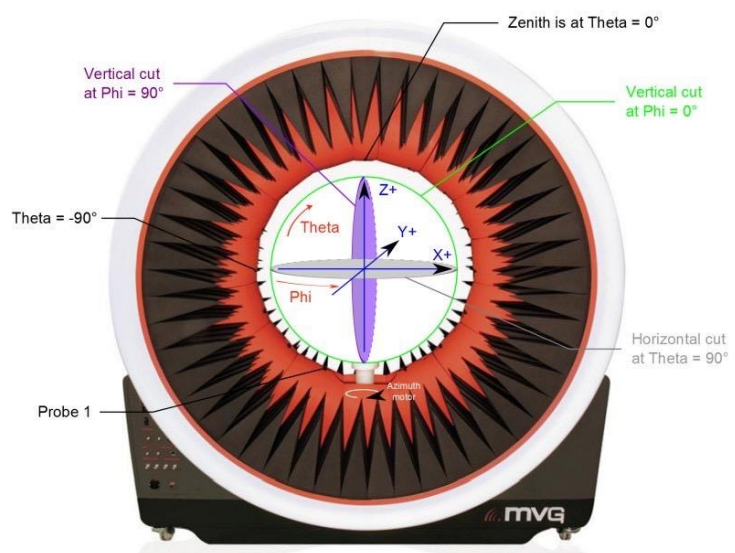
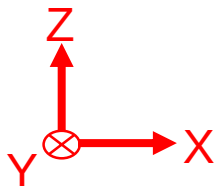


Figure 3.12: StarLab spherical coordinate system

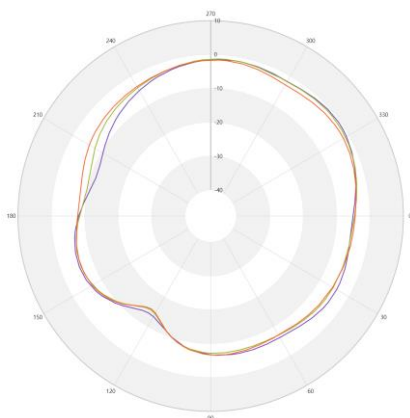


Ant.1_2GHz 2D Radiation Pattern

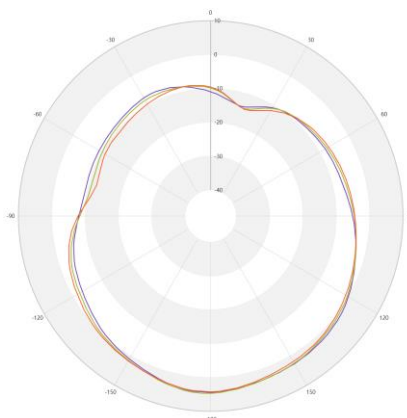
Frequency(MHz) : 2400~2500

Radiation Pattern :

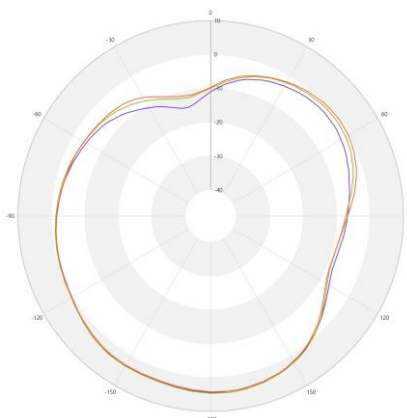
Azimuth Plane
Theta = 90



Elevation Plane
phi = 0



Elevation Plane
phi = 90



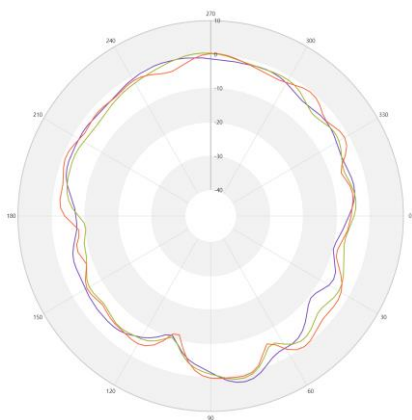
— 2400.00 MHz
— 2450.00 MHz
— 2500.00 MHz

Ant.1_5GHz 2D Radiation Pattern

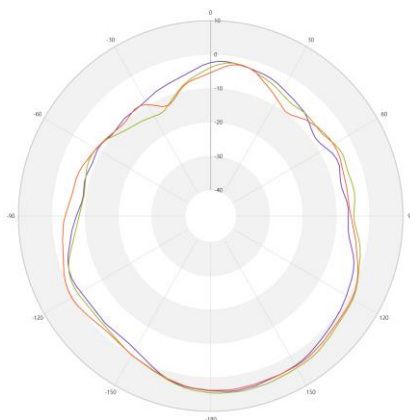
Frequency(MHz) : 5150~5850

Radiation Pattern :

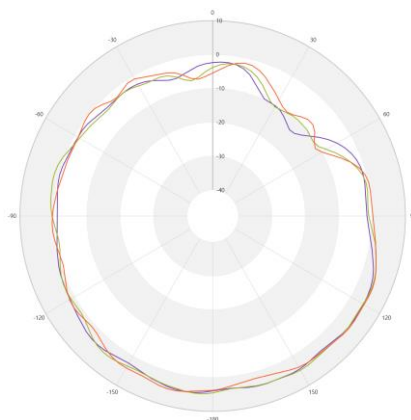
Azimuth Plane
Theta = 90



Elevation Plane
phi = 0



Elevation Plane
phi = 90



— 5150.00 MHz
— 5550.00 MHz
— 5850.00 MHz