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Product Antenna Debugging Report

Date: March 21, 2025

一、Project Overview

Customer Name	Project Name	Antenna Implementation Method
瑞扩	MJ13112PB-V10-26X16	板载天线
工作频段 (MHz)		
2.4G	2400-2500 MHz	

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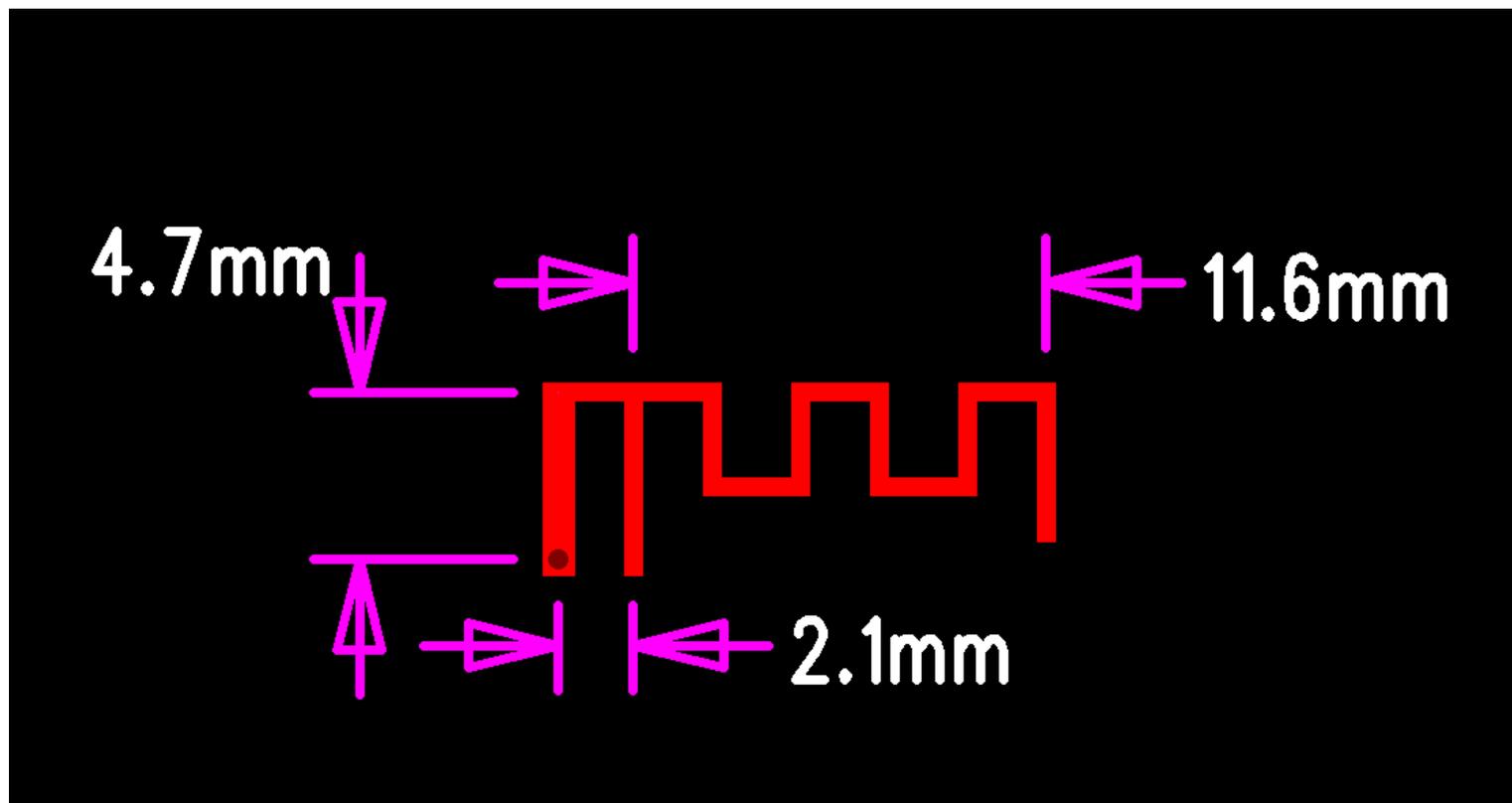
3. Built-in Antenna Diagram

4. Standing Wave Diagram for Network Test

5. Passive Data

6. 2D and 3D Diagrams of Passive Components

3、板载天线实物图



4、网分测试驻波图

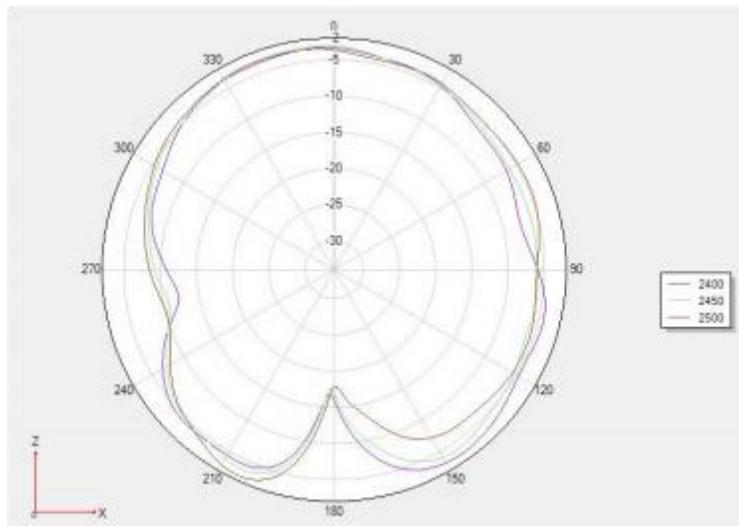


5、2.4G无源测试数据

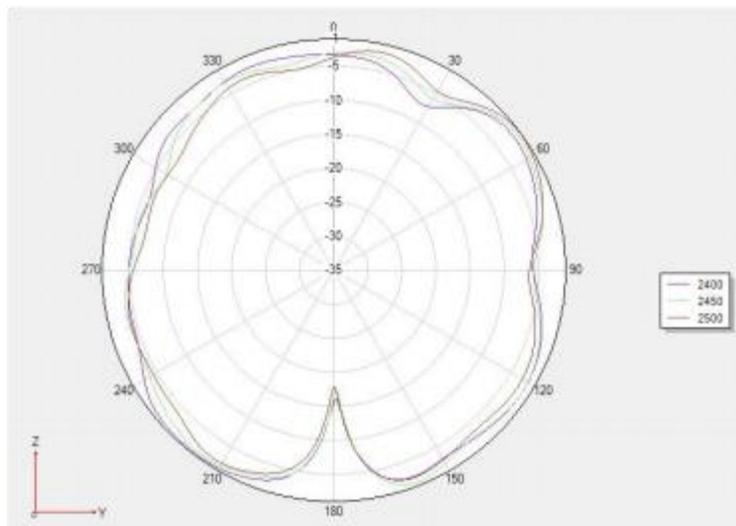
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	38.19	1.71
2410MHz	39.17	1.99
2420MHz	39.72	1.74
2430MHz	39.26	1.62
2440MHz	40.74	1.88
2450MHz	42.17	2.18
2460MHz	41.5	2.05
2470MHz	41.5	2.07
2480MHz	42.07	2.47
2490MHz	41.3	2.08
2500MHz	40.09	1.87

6、天线测试2D3D图

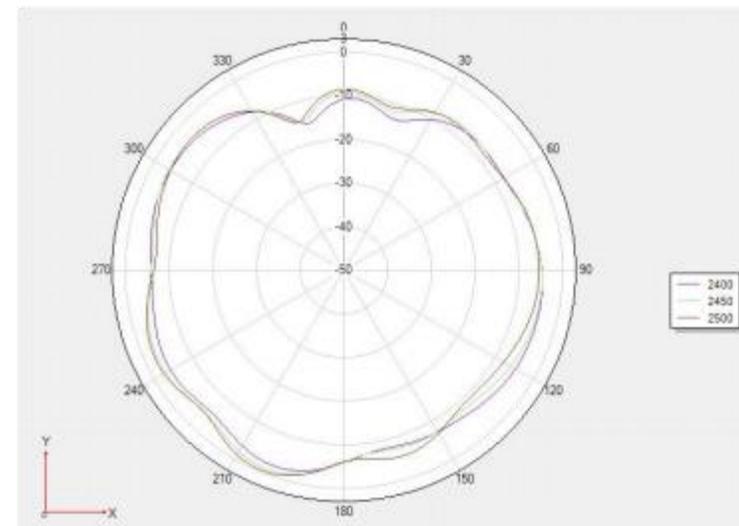
Phi 0 2D图



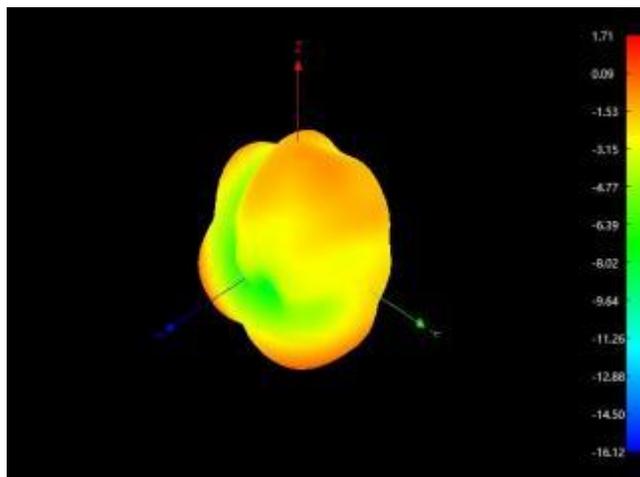
Phi 90 2D图



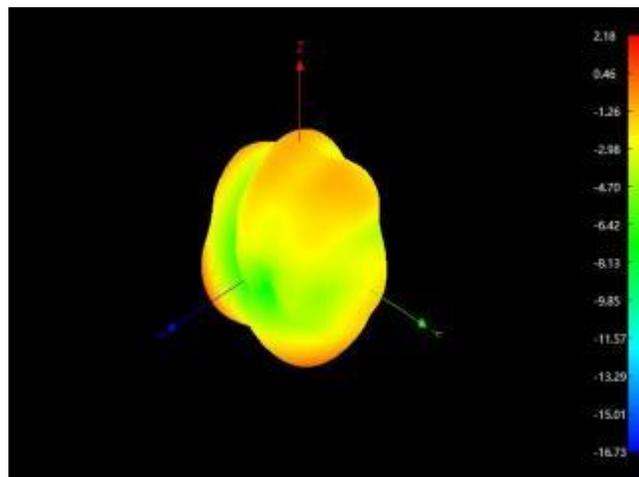
Theta 90 2D图



2400



2450



2500

