

深圳市意天科技有限公司

Shenzhen Yitian Technology Co., Ltd

产品天线调测报告

Product Antenna Tuning and Testing Report

一、项目概况

1. Project Overview

客户名称	项目名称	天线实现方式	天线制造商
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Customer Name	Project Name	Antenna implementation method	antenna manufacturer
/	/	板载天线 on-board antenna	深圳市意天科技有限公司 Shenzhen Yitian Technology Co., Ltd
工作频段 (MHz) Operating frequency band (MHz)			天线增益 antenna gain
2.4G	2400-2500 MHz		< 3dBi

天线名称: 2.4G F头板载天线

Antenna Name: 2.4G F-Head On-Board Antenna

制造商地址: 深圳市南山区科技园北区朗山路11号同方科兴科学园D栋3B

Manufacturer address: 3B, Building D, Tongfang Kexing Science Park, No. 11 Langshan Road, North District, Science and Technology Park, Nanshan District, Shenzhen

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- 7 . 无源的2D,3D图

catalogue

4. On-board antenna diagram

5. Network analyzer test

standing wave diagram 6.

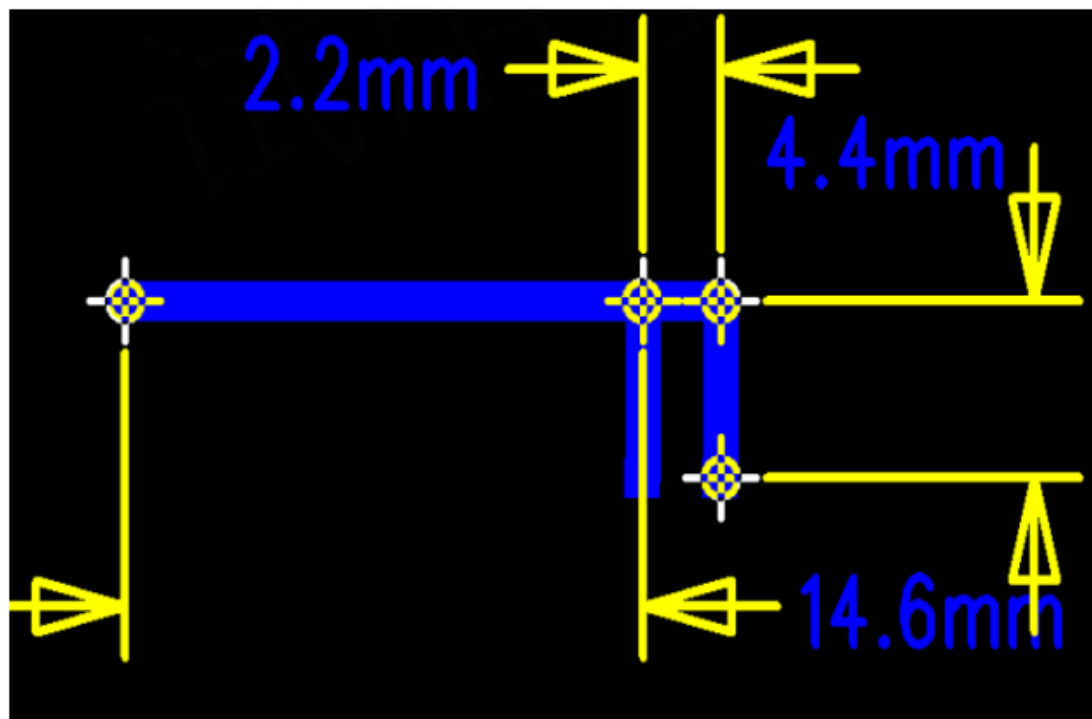
Passive data

7. Passive 2D and 3D

diagrams

板载天线实物图

Physical image of onboard antenna



网分测试驻波图

Network analyzer test standing wave diagram

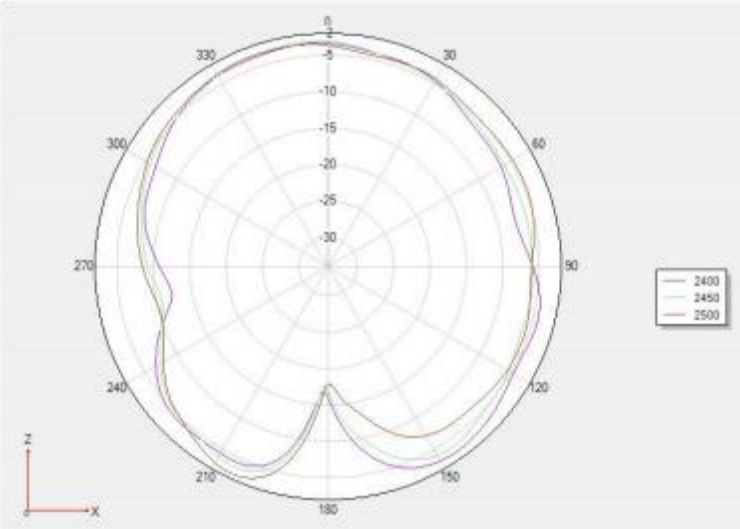


2.4G无源测试数据 2.4G passive test data

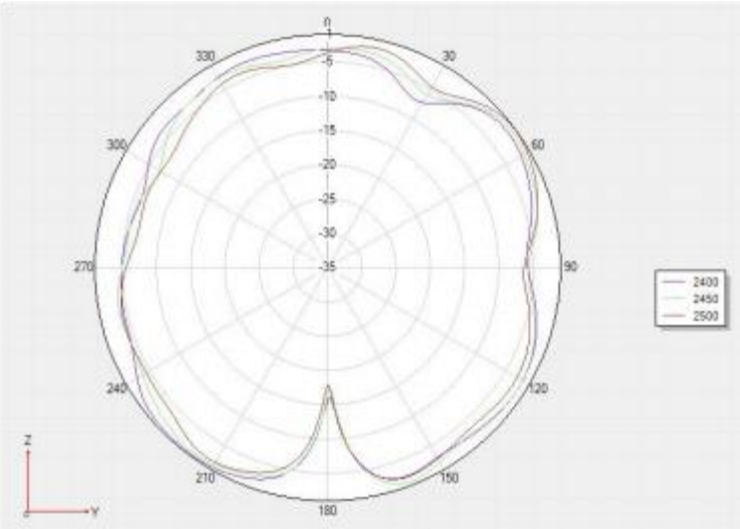
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	38.19	1.71
2410MHz	39.17	1.99
2420MHz	39.72	1.74
2430MHz	39.26	1.62
2440MHz	40.74	1.88
2450MHz	42.17	2.18
2460MHz	41.5	2.05
2470MHz	41.5	2.07
2480MHz	42.07	2.47
2490MHz	41.3	2.08
2500MHz	40.09	1.87

天线测试2D3D图 Antenna test 2D3D diagram

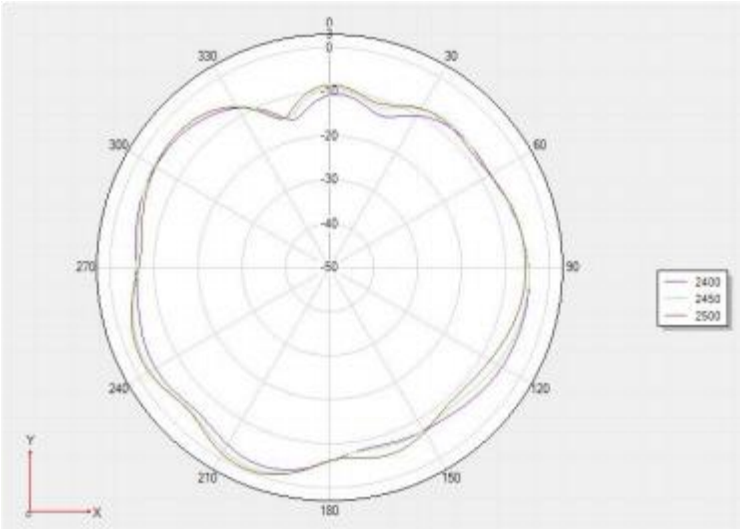
Phi 0 2D图



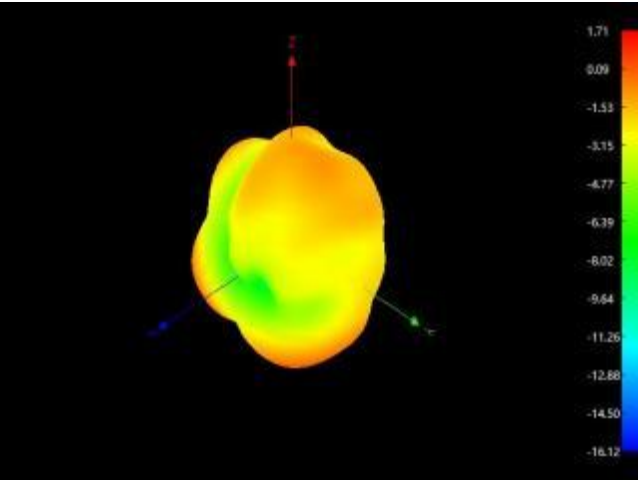
Phi 90 2D图



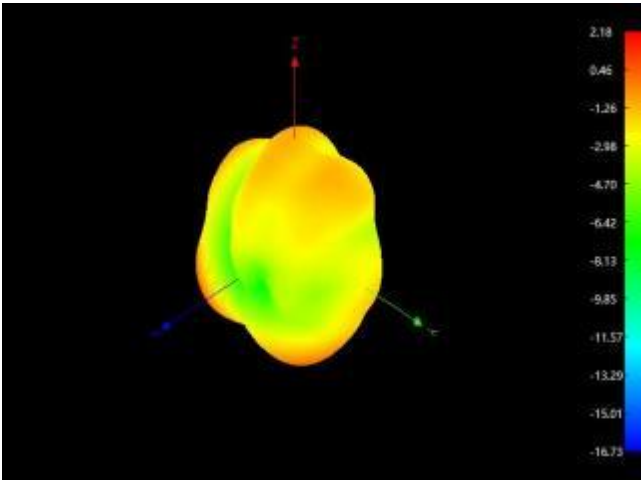
Theta 90 2D图



2400



2450



2500

