



河源市迅维微波通讯技术有限公司  
Heyuan Xunwei Microwave  
Communication Technology Co. LTD

# 无限动力L15天线报告

## Free Dynamics L15 Antenna test report

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# 1、项目基本信息Basic project information

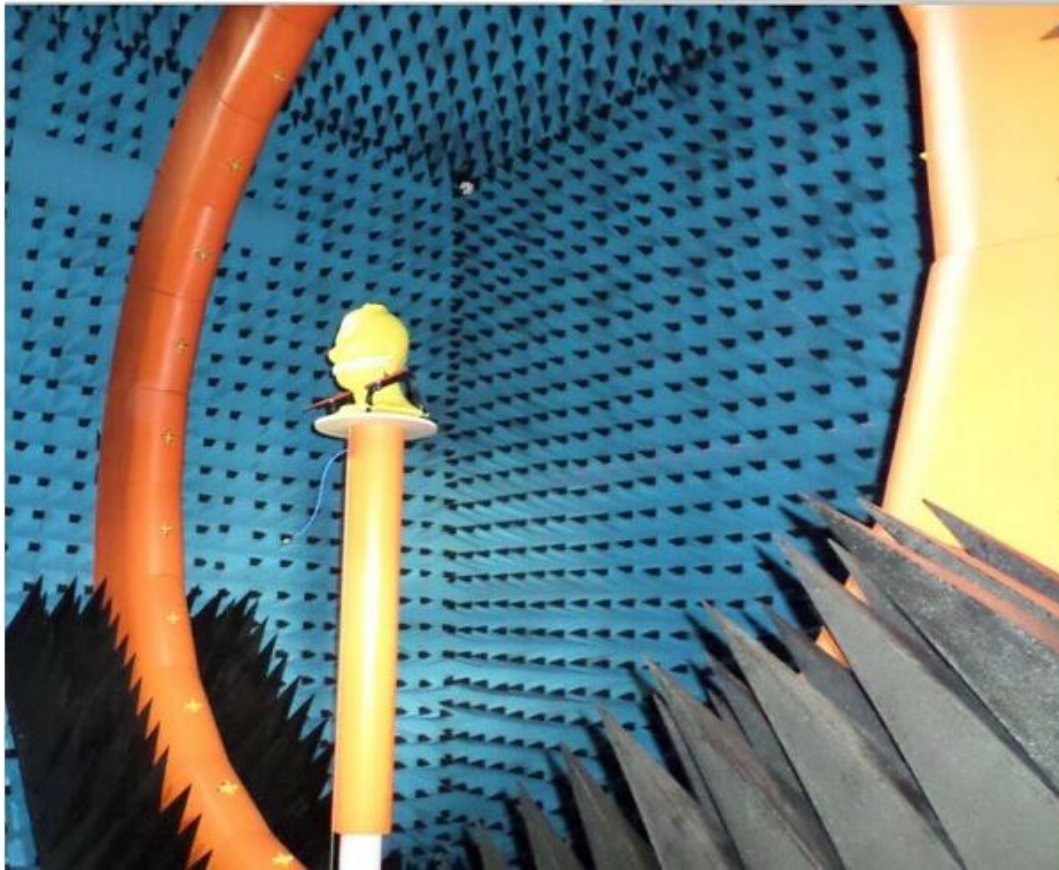
|                      |                           |
|----------------------|---------------------------|
| 客户名称Name of Customer | 无限动力Free Dynamics         |
| 项目名称Project Name     | L15                       |
| 产品类型Type of Product  | 扫地机器人Robot Vacuum Cleaner |
| 主板型号Main Board Model | /                         |
| 小板型号Main Board Model | /                         |
| 版本Version            | V1.2                      |

## 2、测试设备

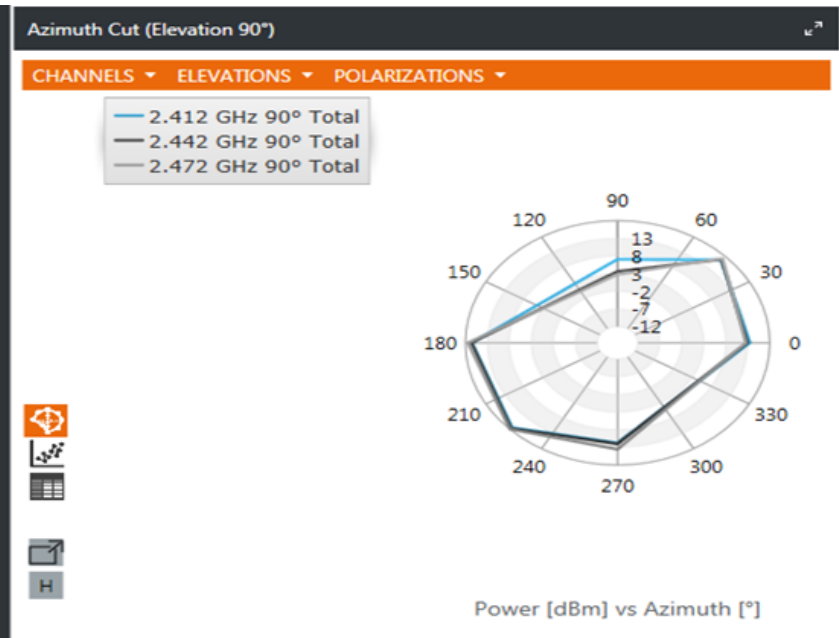
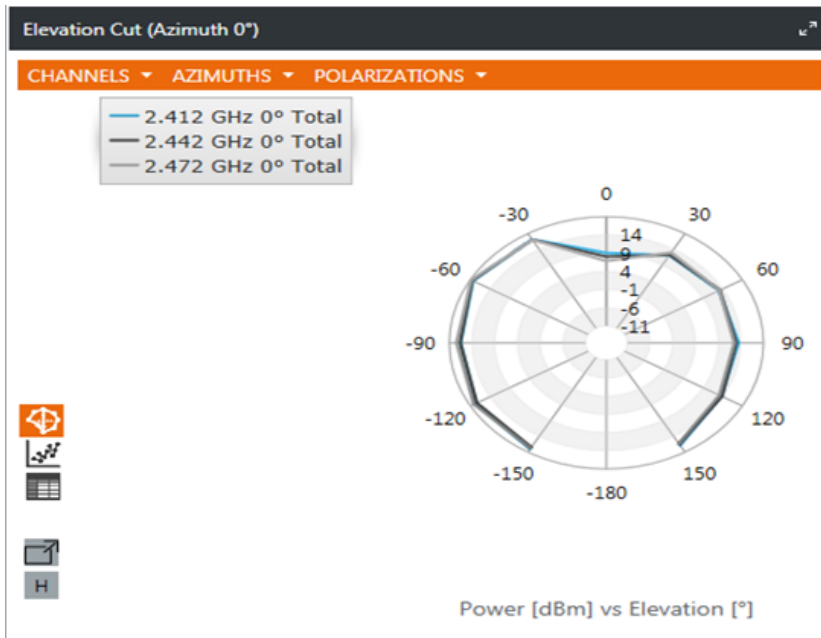
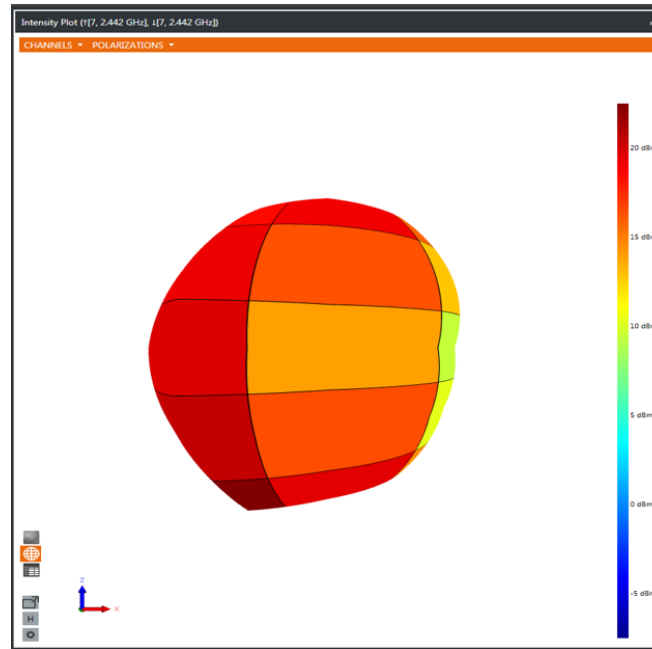
综测仪Synthesizer: CMW500

网络分析仪Network analyzer: Agilent 5071B

3D暗室3D darkroom: SATIMO SG24



### 3、苹果图/方向图 (TRP) Antenna 3D Applediagram



# 4、效率和增益Efficiency table

| Passive Test For 2.4G效率/增益 |                |           |
|----------------------------|----------------|-----------|
| Frequency(MHZ)             | Efficiency (%) | Gain(dBi) |
| 2400                       | 53%            | 1.72      |
| 2410                       | 52%            | 1.71      |
| 2420                       | 53%            | 1.68      |
| 2430                       | 52%            | 1.73      |
| 2440                       | 54%            | 1.78      |
| 2450                       | 54%            | 1.73      |
| 2460                       | 54%            | 1.78      |
| 2470                       | 56%            | 1.74      |
| 2480                       | 57%            | 1.80      |
| 2490                       | 56%            | 1.72      |
| 2500                       | 54%            | 1.75      |

## 5 天线2D Antenna diagram

