



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

射频工程师RF Engineer: 陈传名

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企业文化: 人才 科技 创新 质量 效率 分享

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1、项目基本信息Basic project information

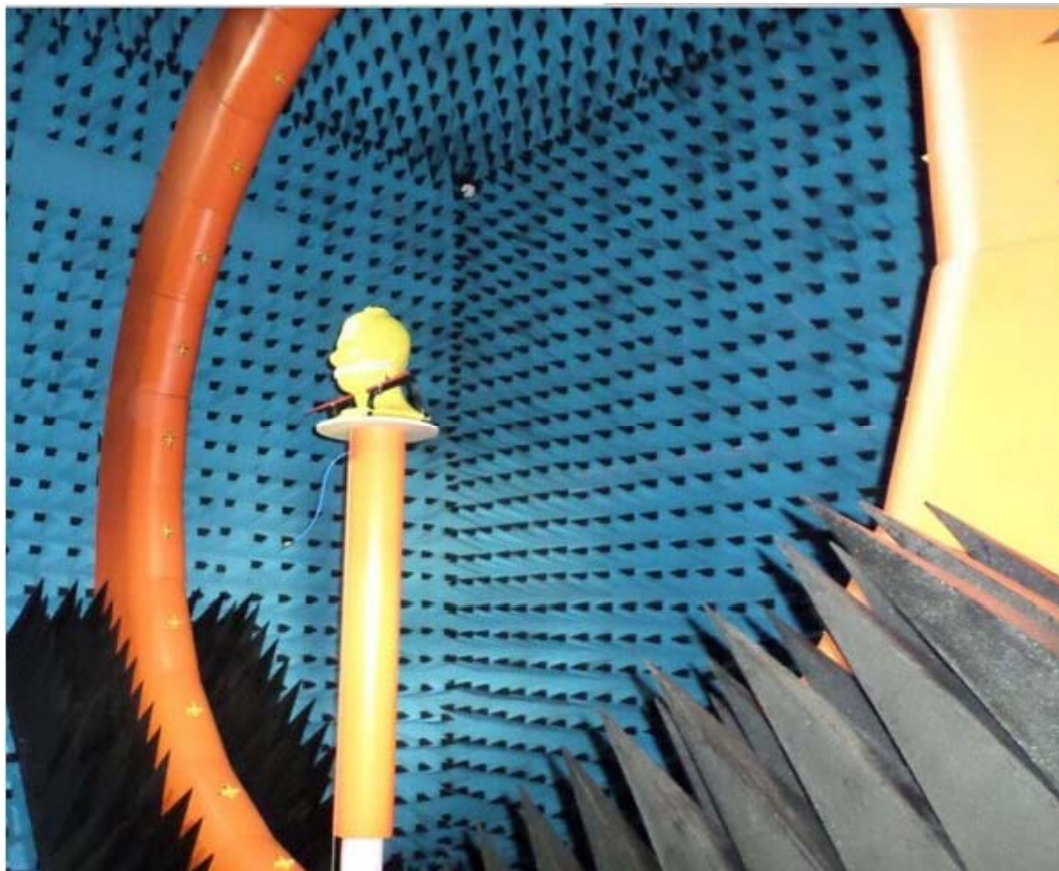
客户名称Name of Customer	无限动力 Free Dynamics
项目名称Project Name	L15
产品类型Type of Product	扫地机器人Robot Vacuum Cleaner
主板型号Main Board Model	/
小板型号Main Board Model	/
版本Version	V1.2

2、测试设备

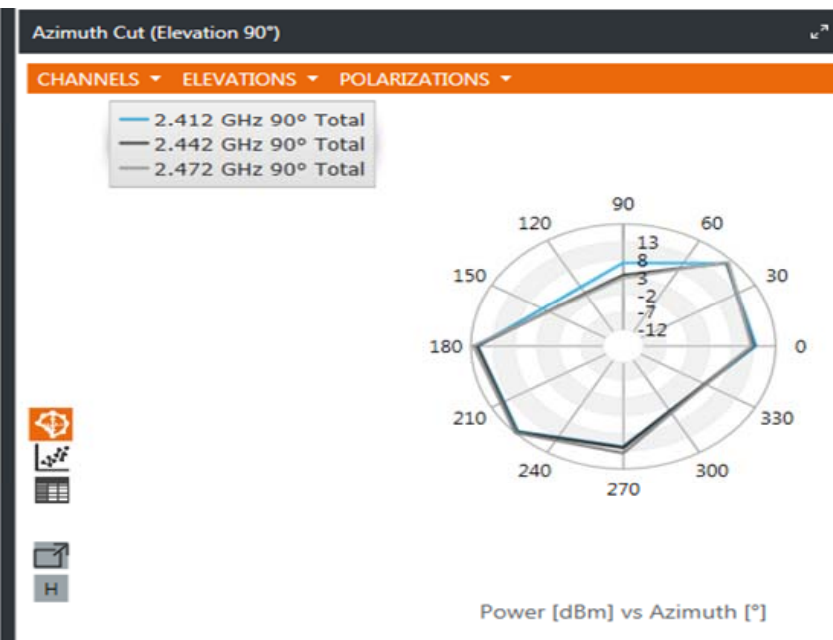
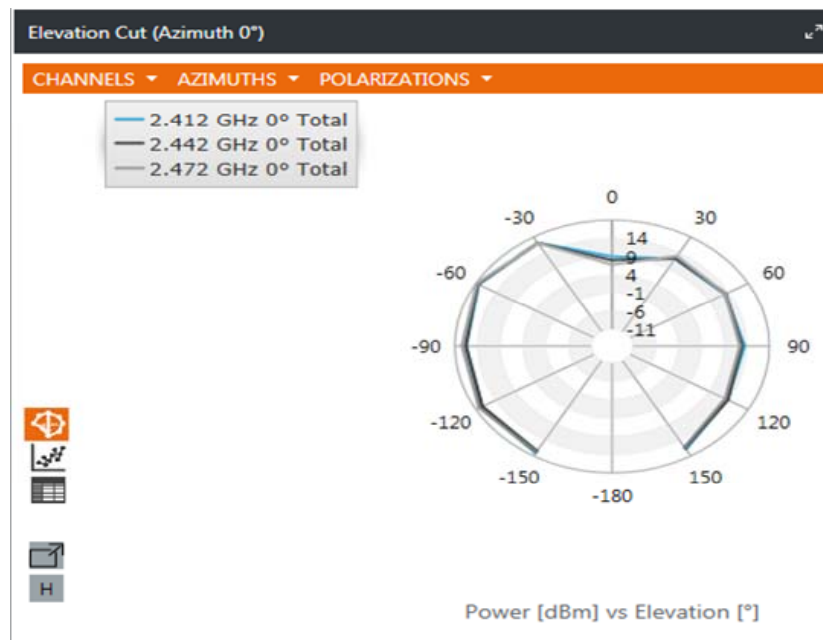
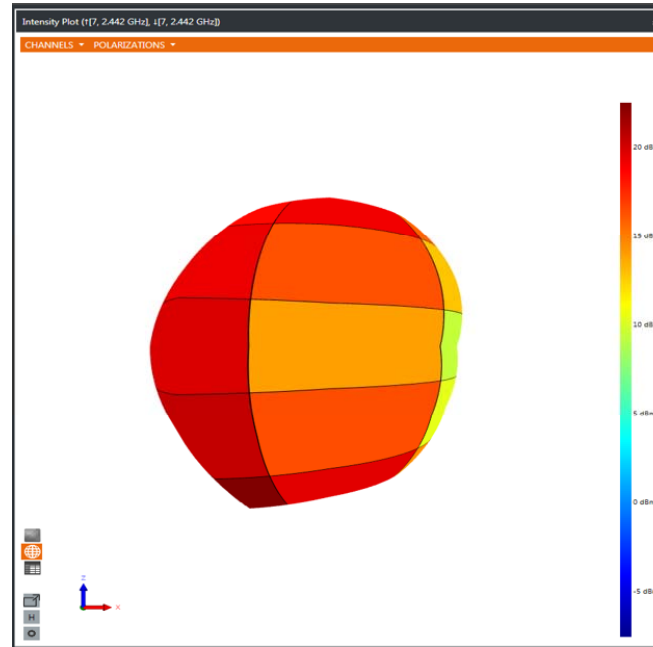
综测仪Synthesizer: CMW500

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2DAntenna diagram

