



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-R550天线测试报告

Free Dynamics R550 Antenna test report

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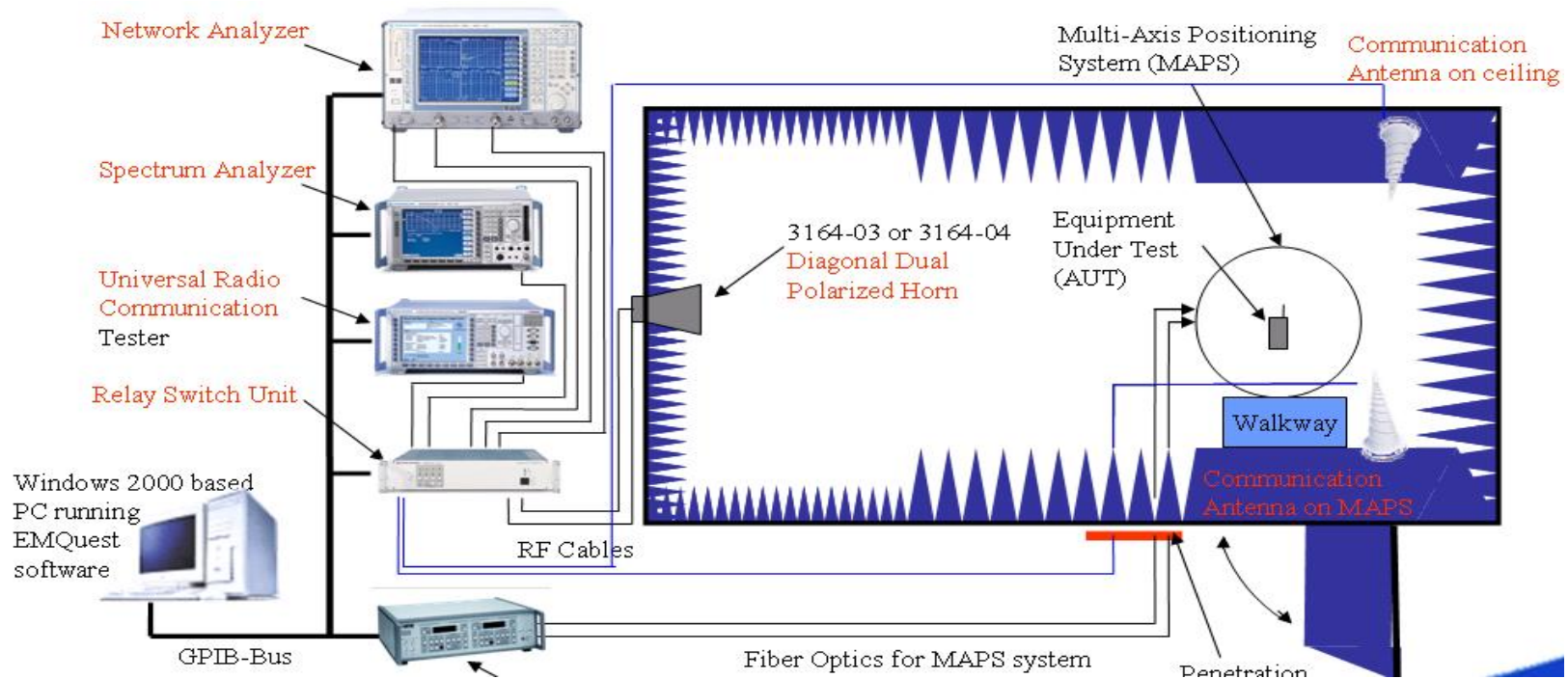
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1、测试设备Test equipment

综测仪Synthesizer: Agilent 8960

网络分析仪Network analyzer: Agilent 8753ES

3D暗室3D darkroom: 7x4x3m



1、测试设备Test equipment

综测仪Synthesizer: CMW500

网络分析仪3D darkroom: Agilent 5071B

3D暗室3D darkroom: SATIMO SG24

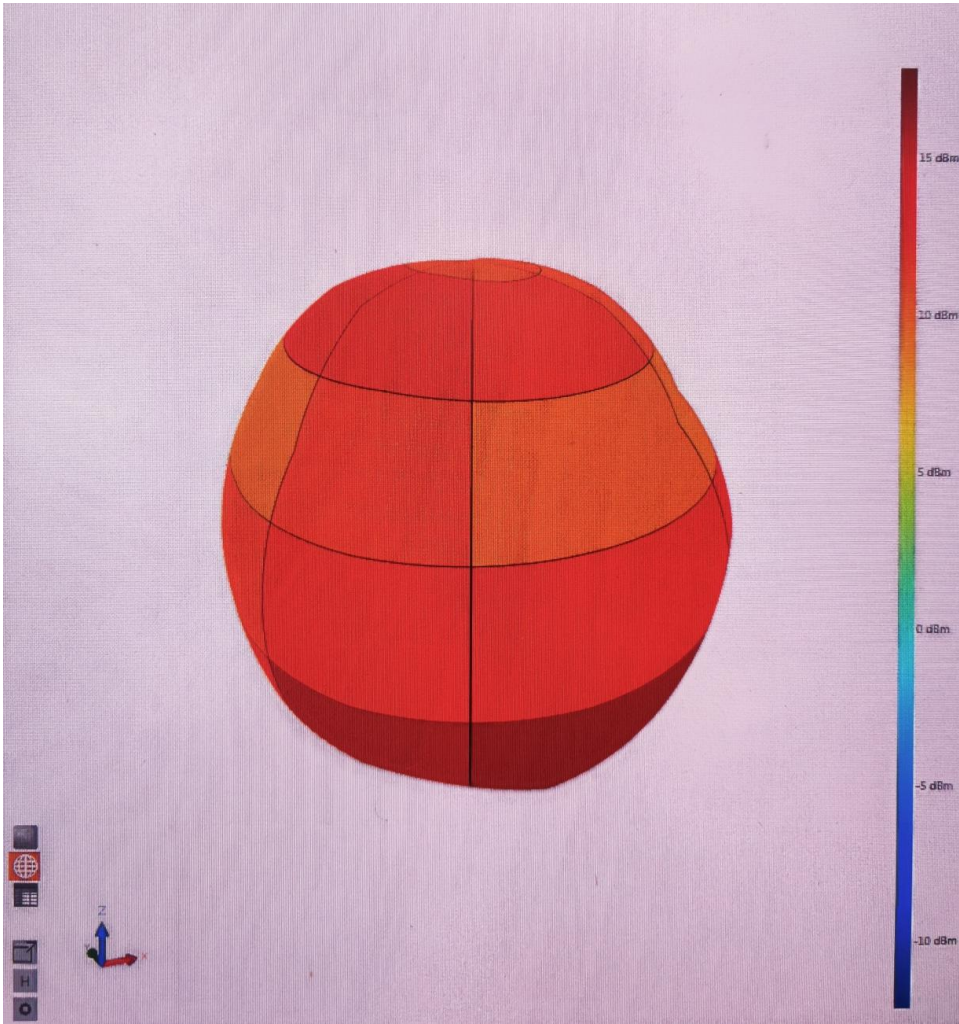


2、项目基本信息Basic project information

客户名称Name of Customer	无限动力Free Dynamics
项目名称Project Name	R550
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

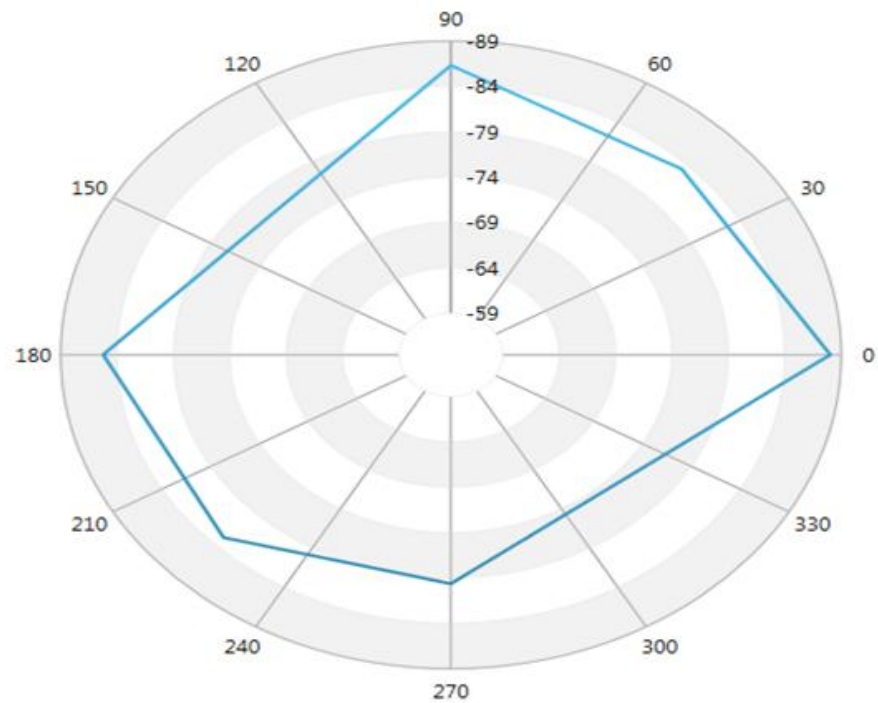
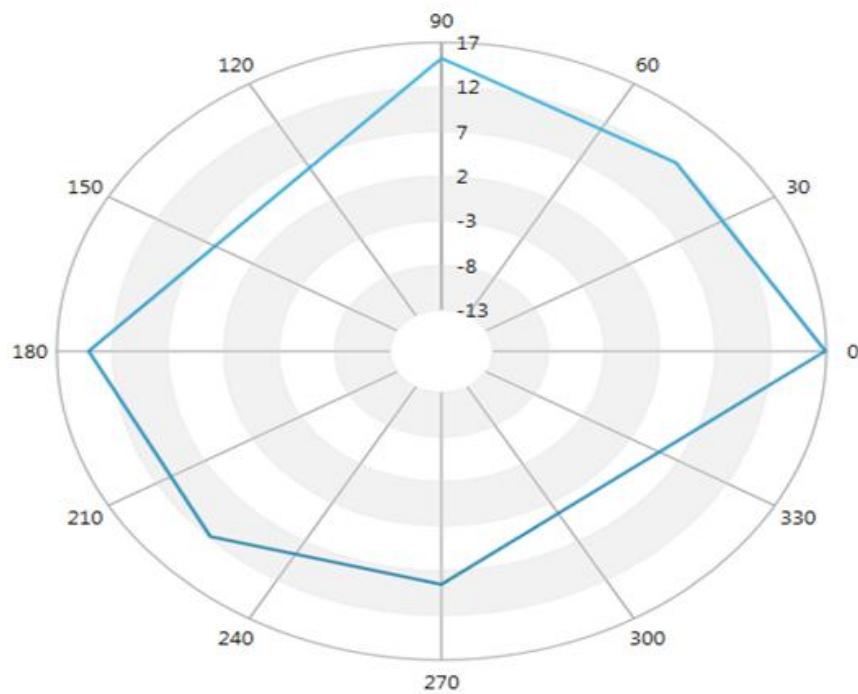
3、天线3D苹果图/效率表

Antenna 3D Applediagram/efficiency table



Freq (MHz)	EFFI% (%)	Gain (dBi)
2390	38	1.51
2410	39	1.59
2430	40	1.65
2450	39	1.57
2470	37	1.49
2490	35	1.43
2510	37	1.52

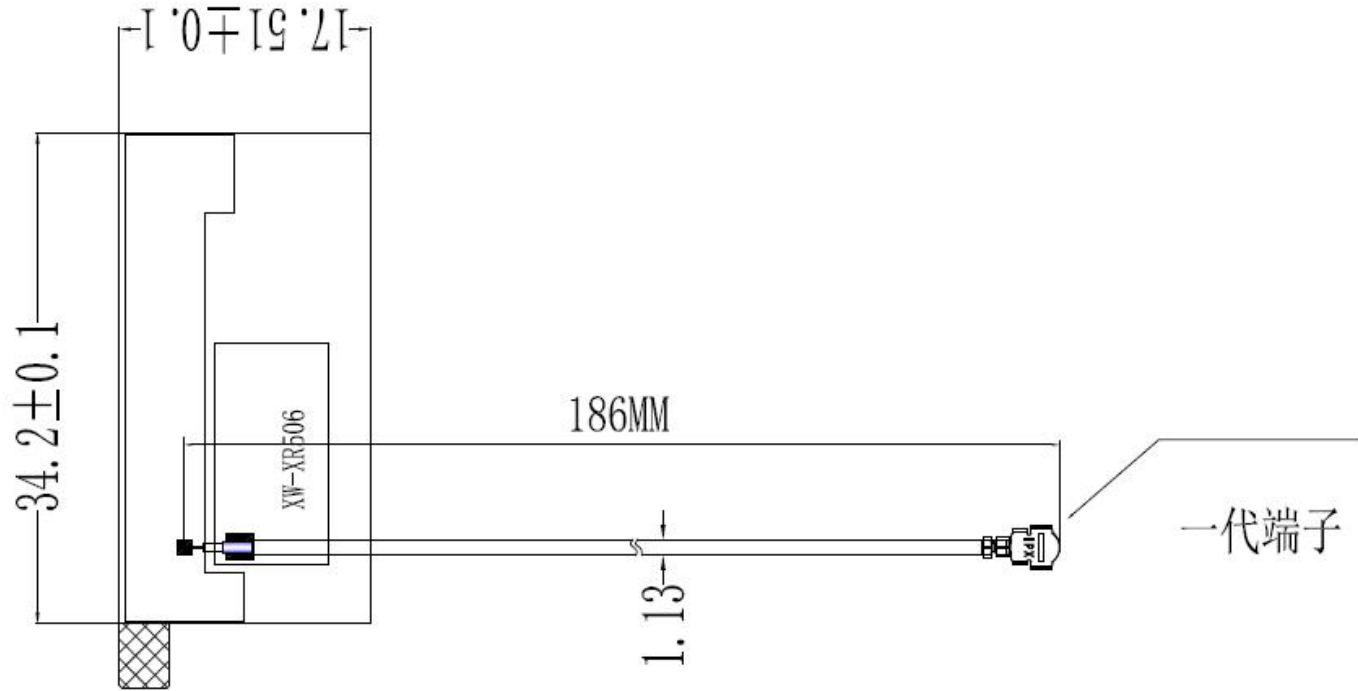
4、天线3D图



4.1、WIFI 3D测试数据Active test data

Band	Channel	TRP	TIS
WIFI-B	1	13.27	-85.73
	6	12.80	-85.01
	11	13.03	-85.24
WIFI-G	1	12.39	-71.53
	6	12.26	-70.65
	11	12.22	-70.86
WIFI-N	1	11.24	-67.42
	6	11.18	-67.61
	11	11.17	-67.39

5、天线2D图Antenna diagram





Thanks and best regards!

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