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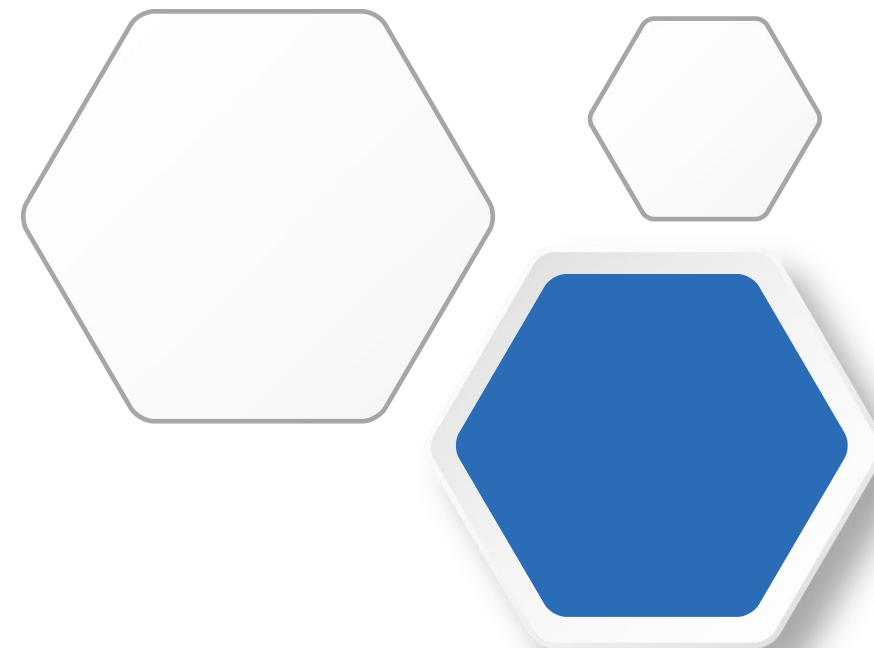
扫地机天线调试报告

Robot Vacuum Cleaner Debugging Antenna Report



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时间:2022.08.31
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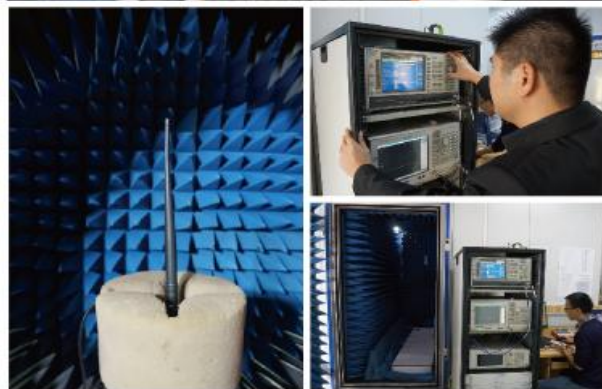
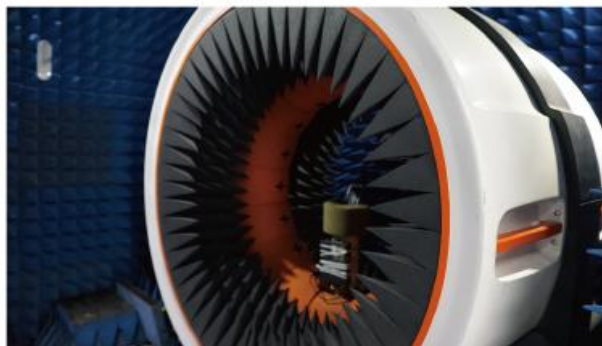
Project Overview



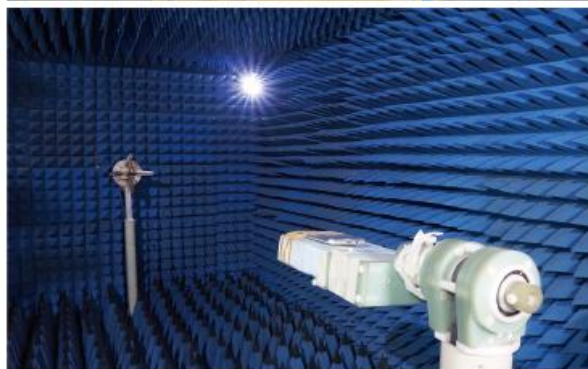
基础信息

Basic information

【SATIMO】



【广屏】



测试系统 Test System

- SATIMO, Agilent E5071C, Anritsu MT8820C, CMW500, StarPoint SP9500

SATIMO暗室-配备

Anritsu 综测仪 8820c / Agilent 网分 5071C / Agilent 综测仪 E4438C

广屏暗室-配备

Agilent-综测仪 8960 / 罗德-cmw500

调试网分

Agilent 网分 5071C



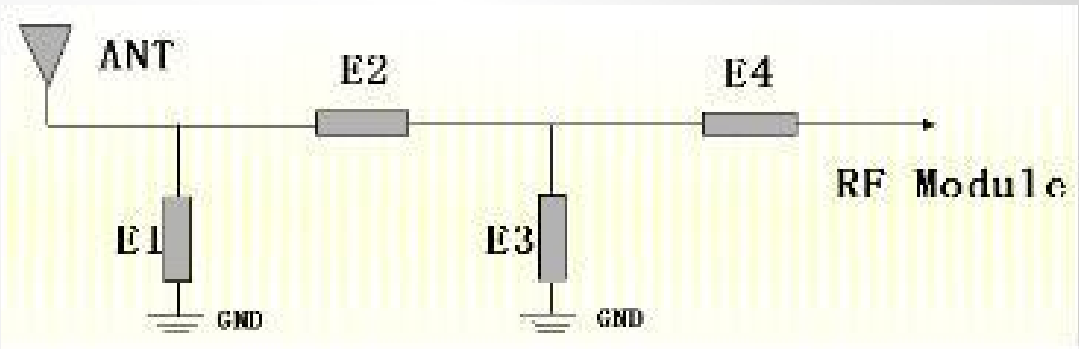
基础信息

Basic information



整机资料 Machine Data

- 客户名称：旺家
Client Name: Wang Jia
- 项目名称：扫地机
Project name: Robot Vacuum Cleaner
型号model: T910_433_0608 TP
- 频段信息：433MHz
Band Information: 433MHz
- 报告日期：2022.08.31
Report date: 2022.08.31



天线匹配

Antenna circuit matching description

(1) WIFI天线匹配 WIFI Antenna Matching

原机无更改 No changes to the original machine

(2) 433天线匹配 433 Antenna Matching

原机无更改 No changes to the original machine



测试数据: Test Data

433无源图 433 Passive Diagram -(SWR/Log Mag /Smith)





测试数据:
Test Data

Frequency	Efficiency	Gain. dBi
410MHz	1%	0.03
420MHz	2%	0.04
430MHz	3%	0.05
440MHz	2%	0.04
450MHz	2%	0.04
460MHz	1%	0.03



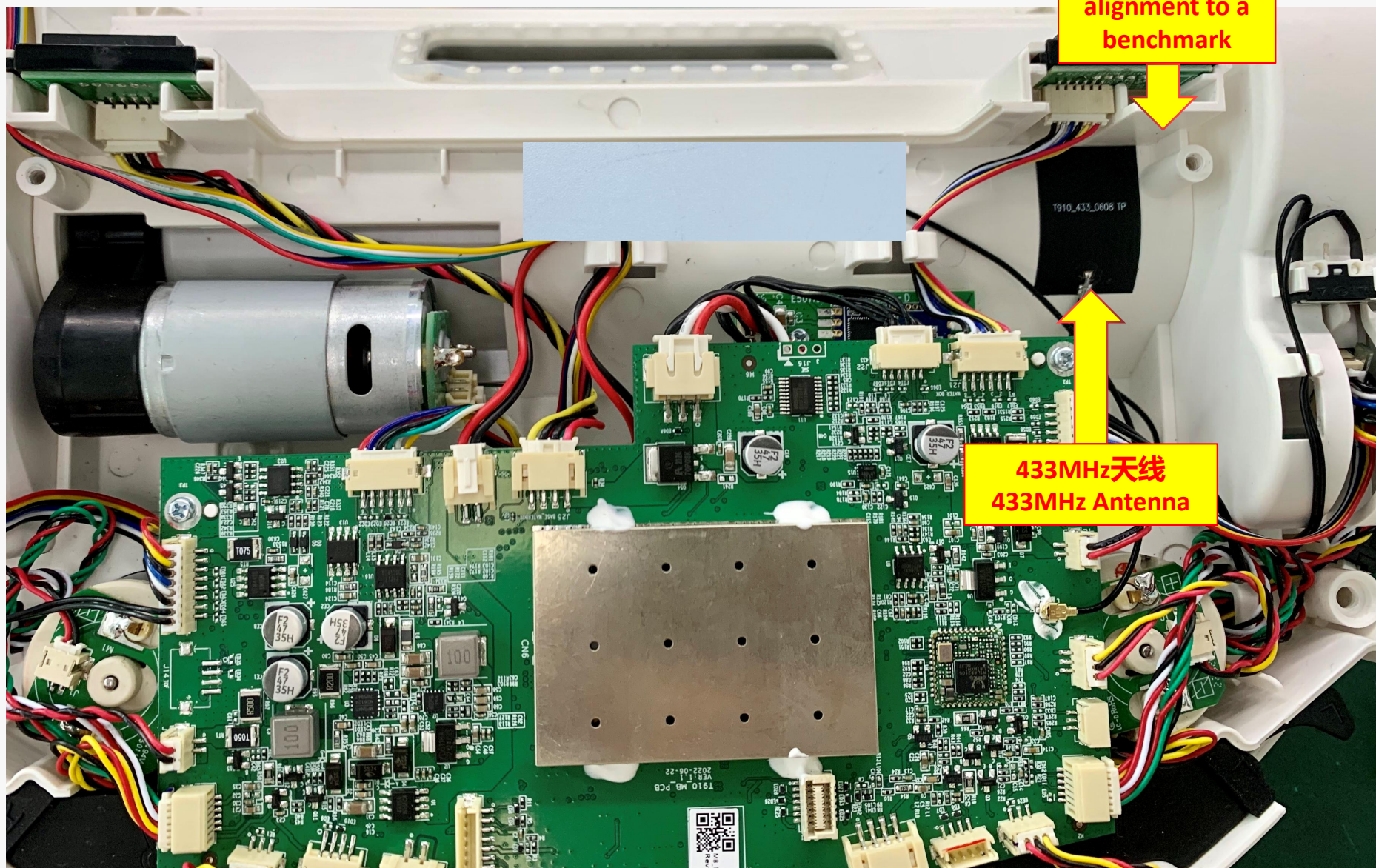
测试数据:

Test Data

天线装配 - Assembly drawing

如右图所示:
图中红色标识为天线粘贴基准角,
粘贴天线时, 天线请与图中箭头
位置的壳料边, 保持平行, 以便
保证天线一致性。

As shown in the right figure:
The red mark in the figure is the
antenna pasting reference angle,
when pasting the antenna, the
antenna please with the arrow
position in the figure of the shell
material edge, to keep parallel, in
order to ensure the consistency
of the antenna.



THANK YOU

