



舟海AG01智能手表 天线测试报告

深圳市和鸣微科技有限公司

Shenzhen HamyWe Technology Co., Ltd.

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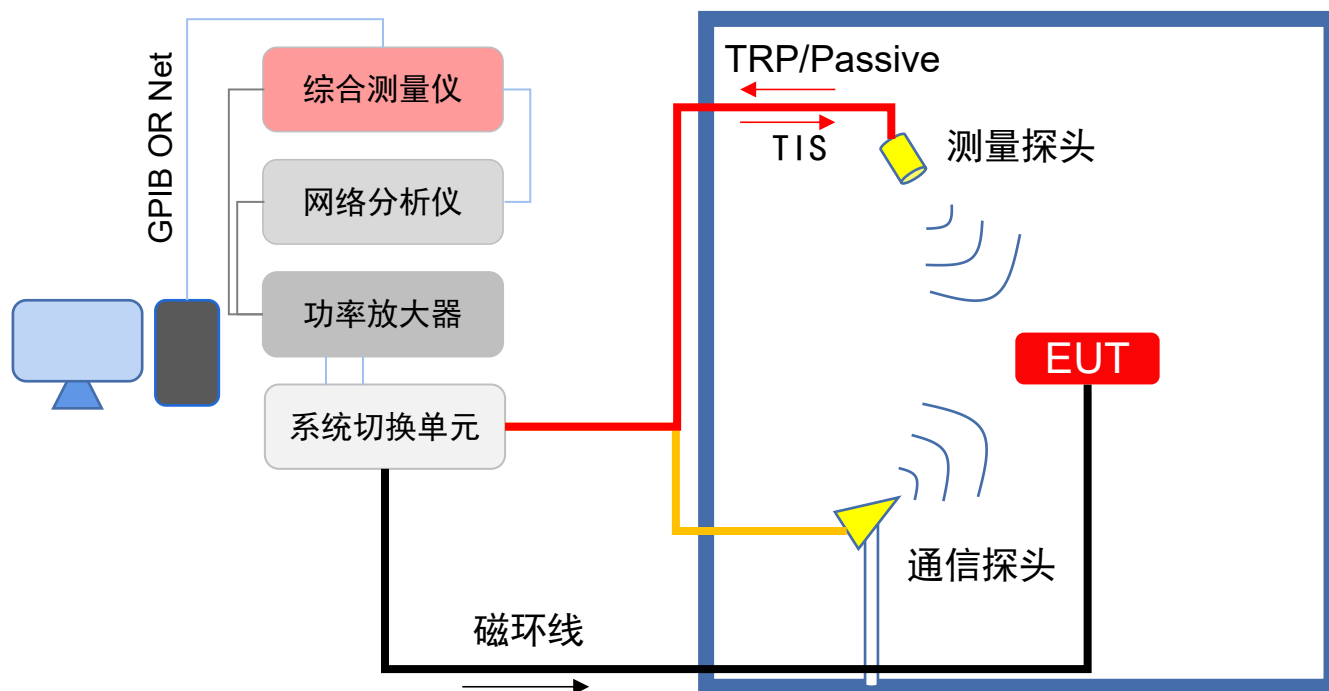
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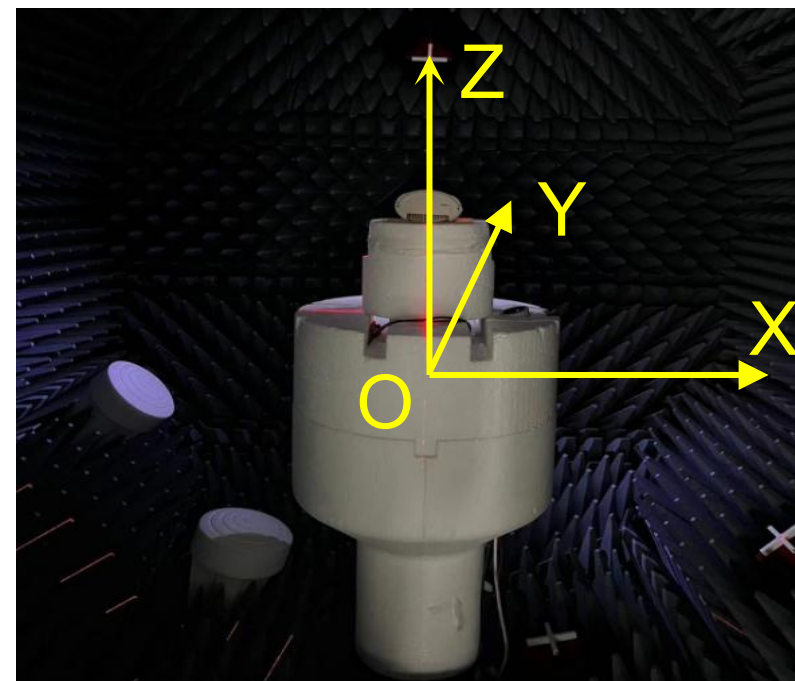
日期：2025.10.27

>>> 天线测试 Test system

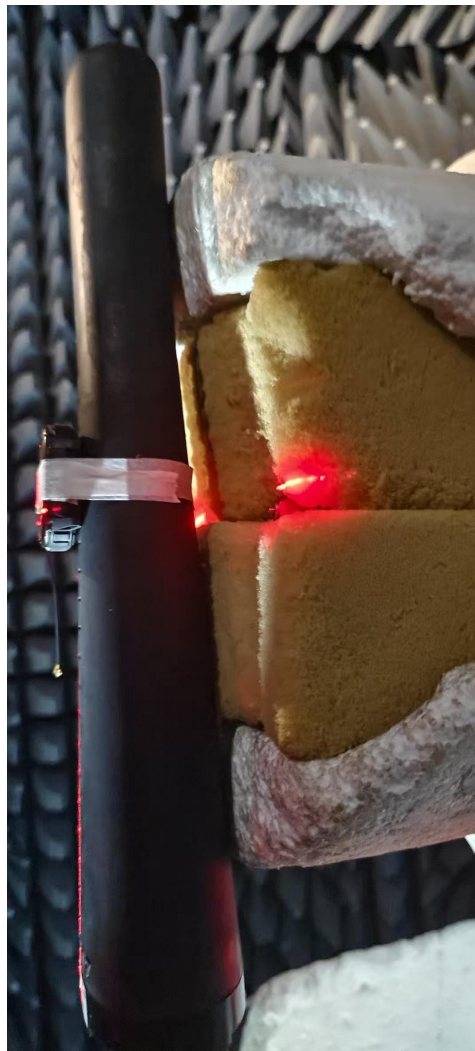
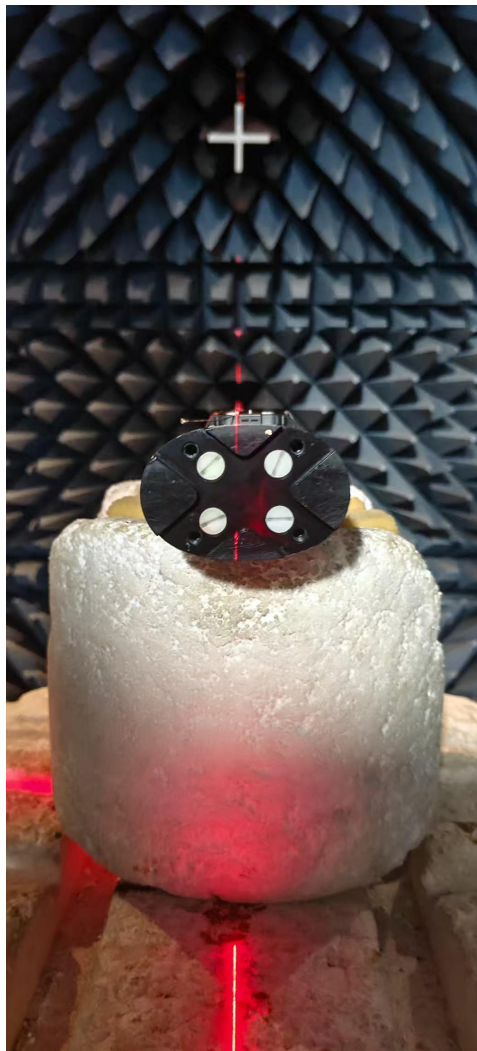
- 暗室坐标系 GL-G-1



H Plane : XY
E1 Plane : XZ
E2 Plane : YZ



暗室手摸摆放 Placement



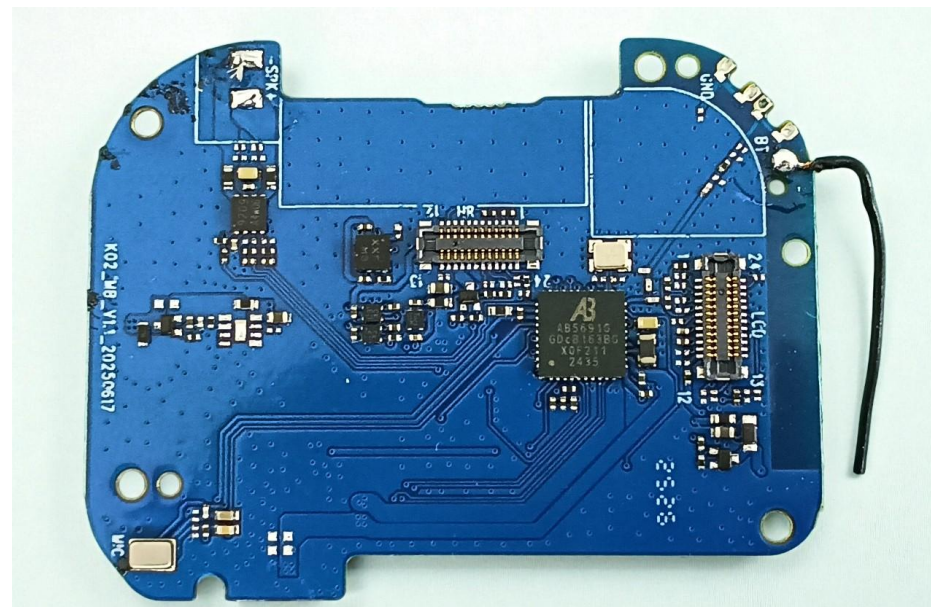
01 | 项目概况

02 | 天线性能评估调试

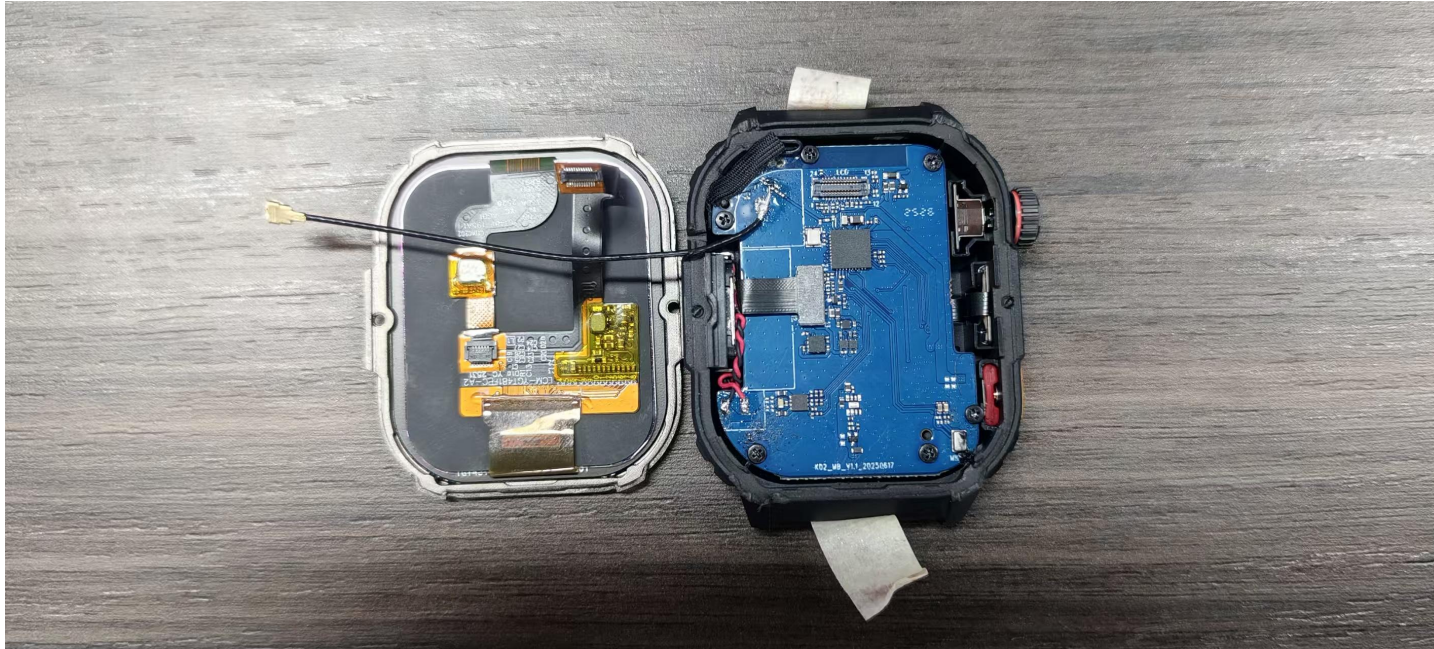
03 | 结论与建议

>>> 项目概况 Project Overview

- 天线数量Number of antennas: 1
- 天线形式Antenna type: 同轴线 Cable
- 网络制式及频段Network type and frequency band:
 - ✓ 蓝牙-2.4G BT : 2400-2480MHz



样机示意 Prototype



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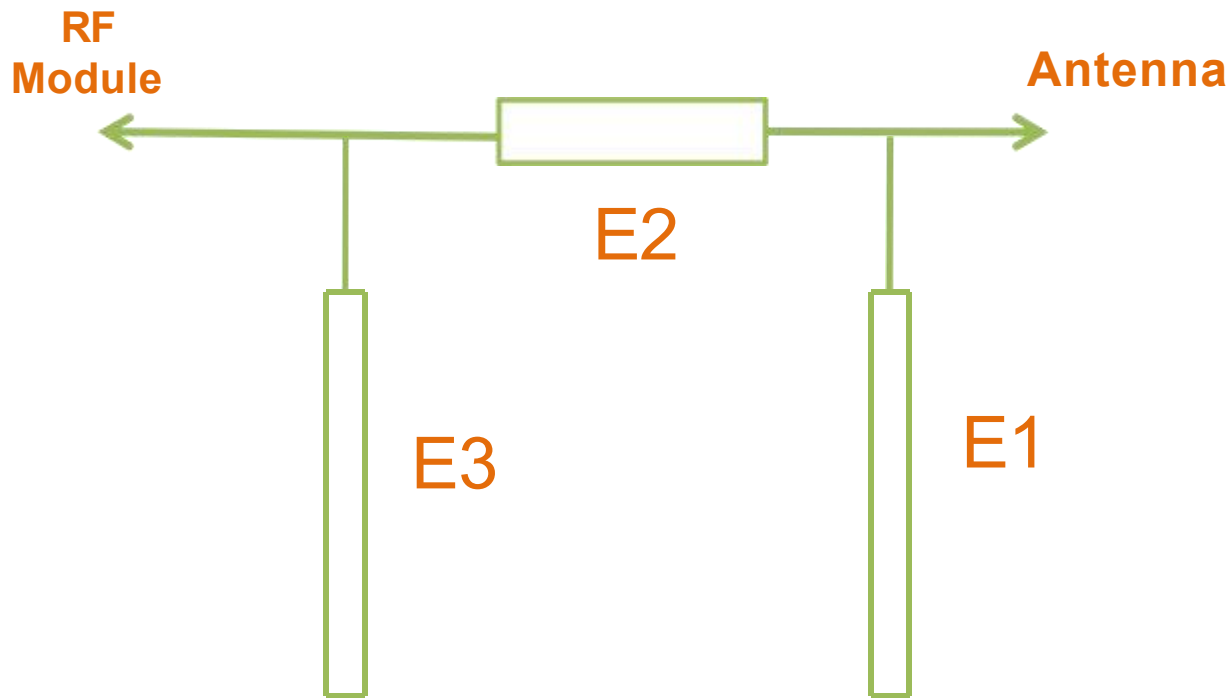
>>> 主路天线匹配 Antenna Matching



- 匹配值：无更改 No changes

No.	R/L/C
E1	/
E2	/
E3	/

- 匹配电路示意图 Matching circuit diagram

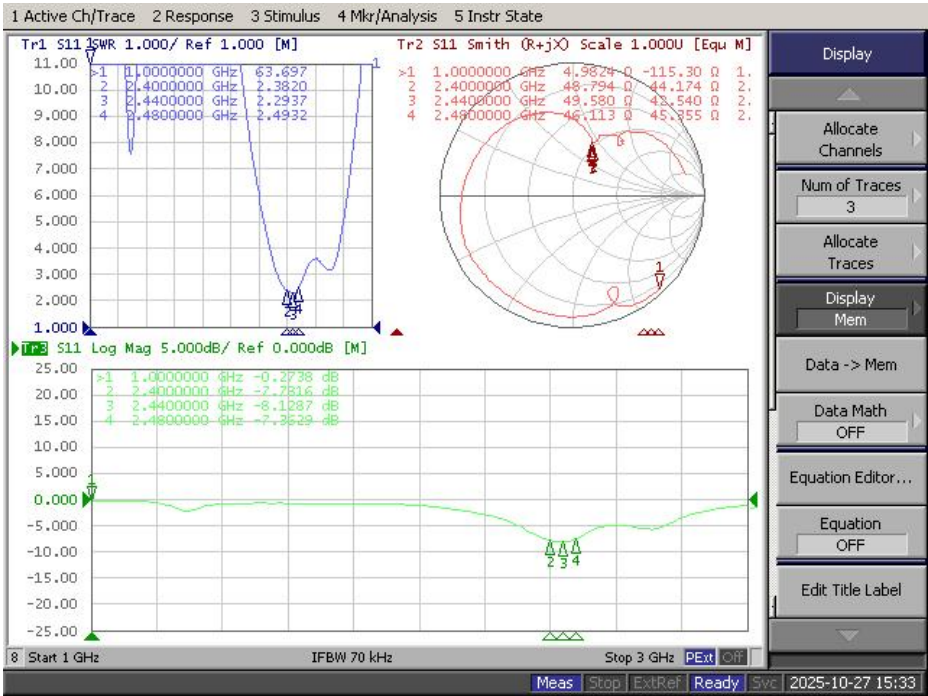


>>> 塑料表带-无源测试 (S11参数)



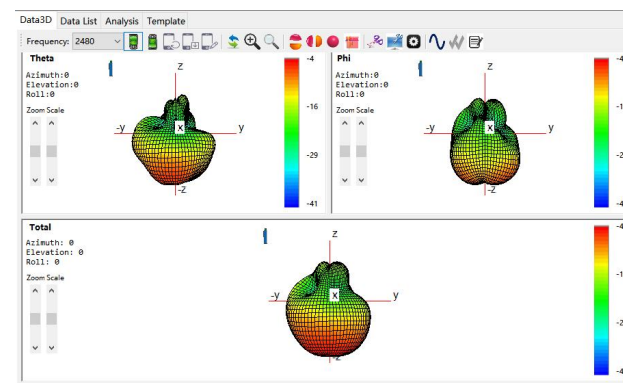
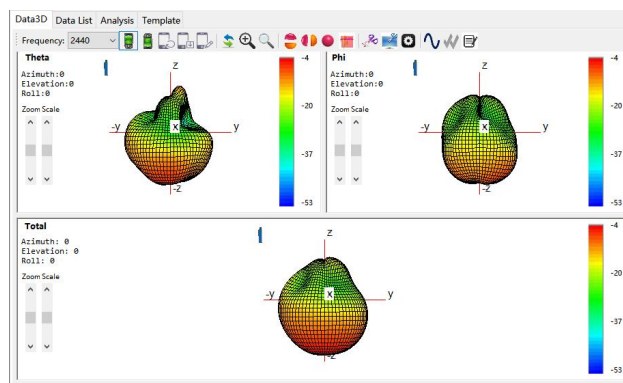
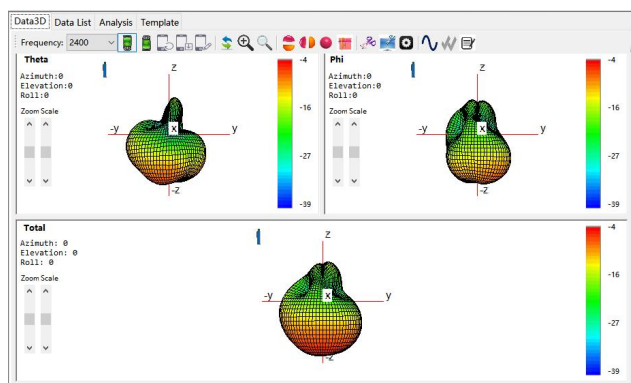
- 无源数据- 手模数据 Test data

手模数据			
Frequency 频率/MHZ	Efficiency 效率/db	Gain 增益/dbi	Efficiency 效率/%
2400	-12.76	-4.05	8.49
2410	-12.82	-4.12	8.43
2420	-12.82	-4.2	8.35
2430	-12.89	-4.43	8.08
2440	-12.89	-4.56	8.45
2450	-12.86	-4.67	8.36
2460	-12.82	-4.81	8.19
2470	-12.67	-5.14	7.85
2480	-12.52	-5.29	7.79



塑料表带-无源测试（苹果图/方向图）

- 无源数据- 手模数据 Radiation pattern





谢谢观看

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