深圳市和鸣微科技有限公司

Shenzhen HamyWe Technology Co.,Ltd.

奇力CL808

版本
V 1

测试报告

Test Report

负责人：
电　话：
日　期：2023/08/21

CATALOGUE

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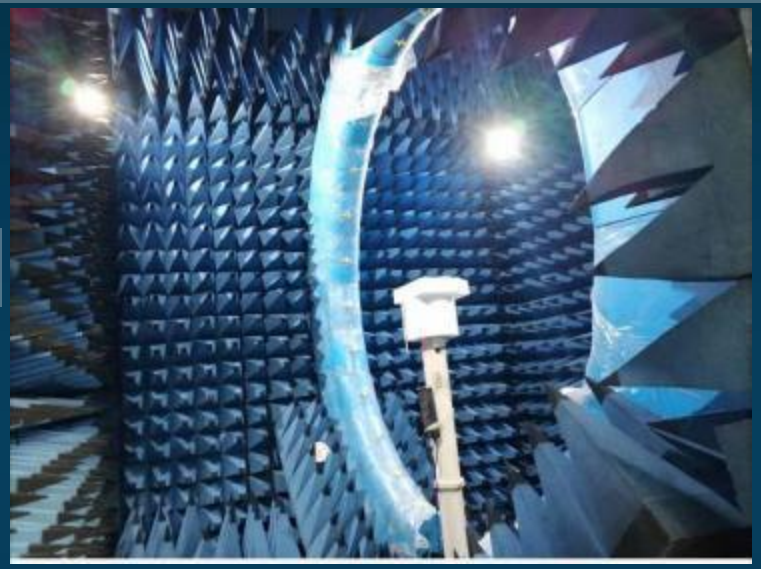
测 试 设 备

Test Equipment

SG24



GTS

Agilent 8960

CMW 500

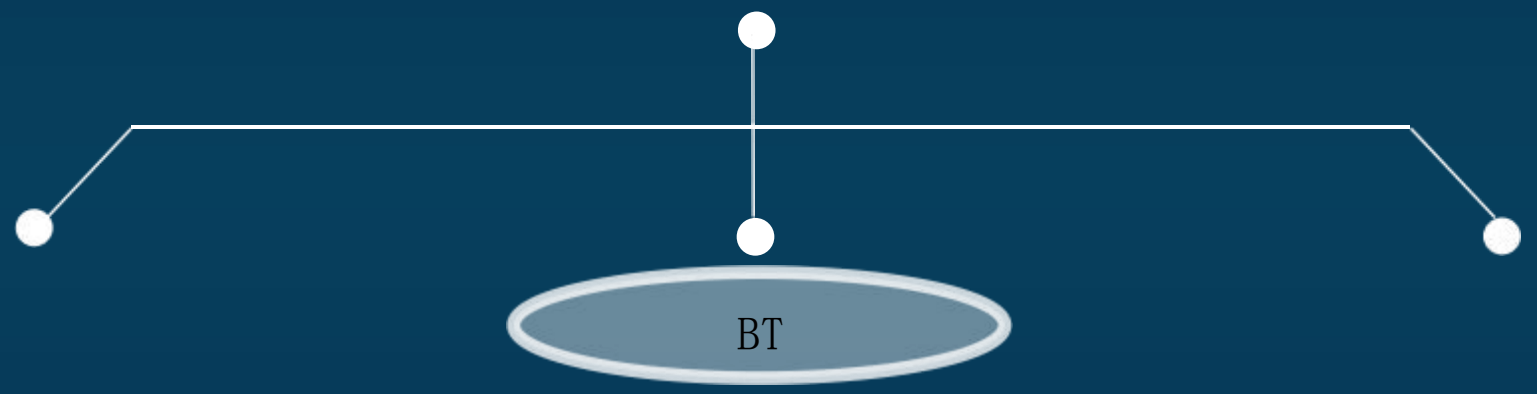
Agilent E5071B

测试系统	测试环 境	有源测试	无源测试
Test System	Test Environment	Active Test	Passive Test
SG24 ETS	Temperature： 22℃±3℃ Humidness： 50%±15%	Support 5G/4G/3G/2G Support BT/WIFI/GPS	600MHZ——6G

项目说明

Project Description

Chileaf CL809



机器类型: 心率带

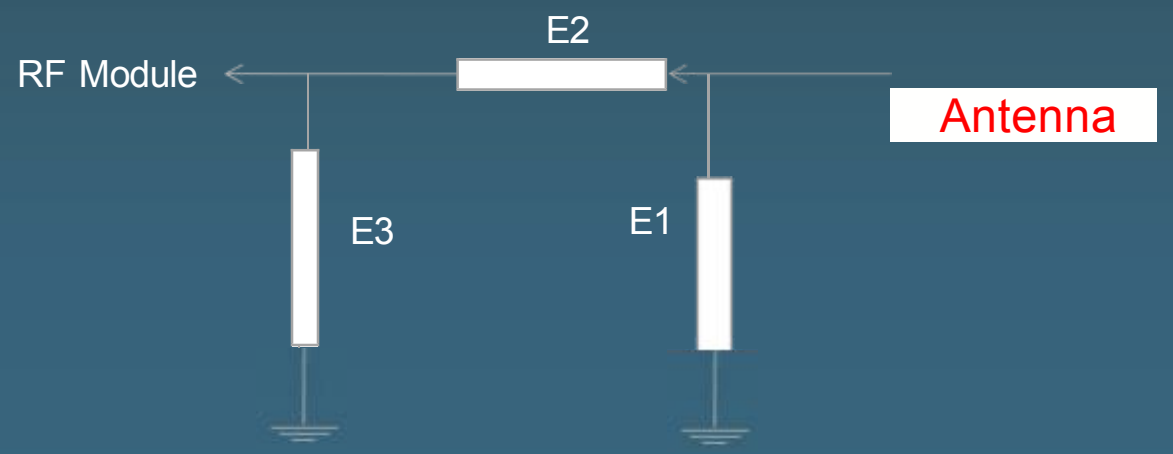
Machine type: Heart rate belt

天线方式:板载

Antenna type: PCB

匹配改动:未改动

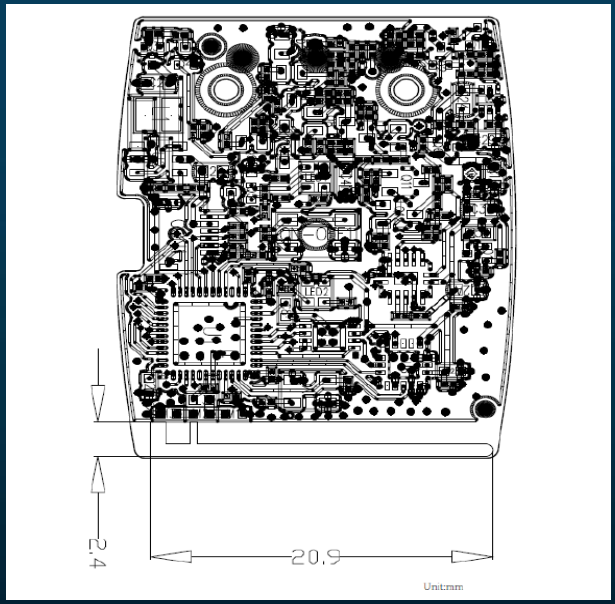
Matching changes: No



匹配 Matching	
Element	**Value**
E1(0201)	
E2(0201)	No changes
E3(0201)	

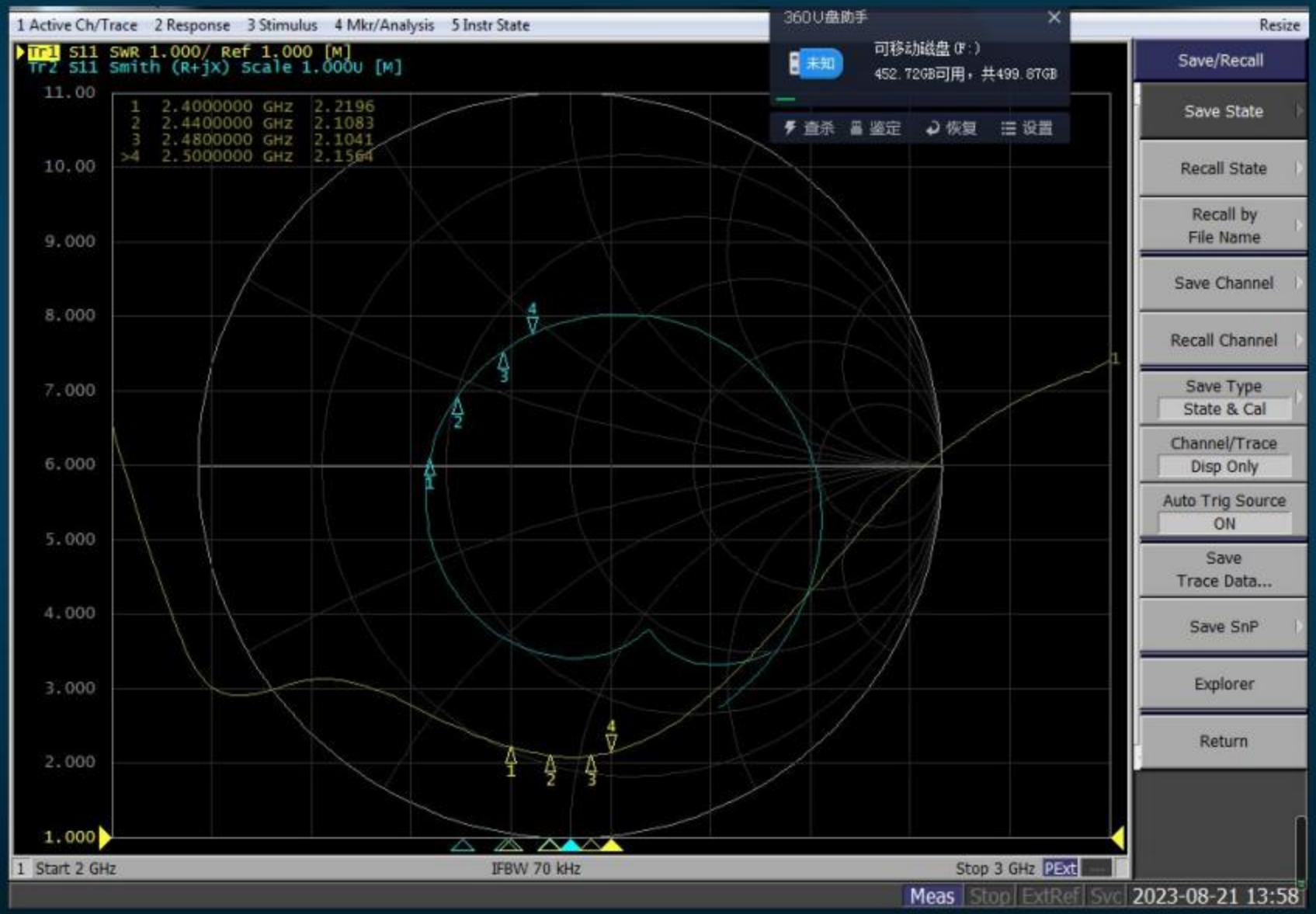
Debug Version Record

Chileaf CL808



Version	Date	Content Overview
V1	2023/08/21	passive test of PCB antenna

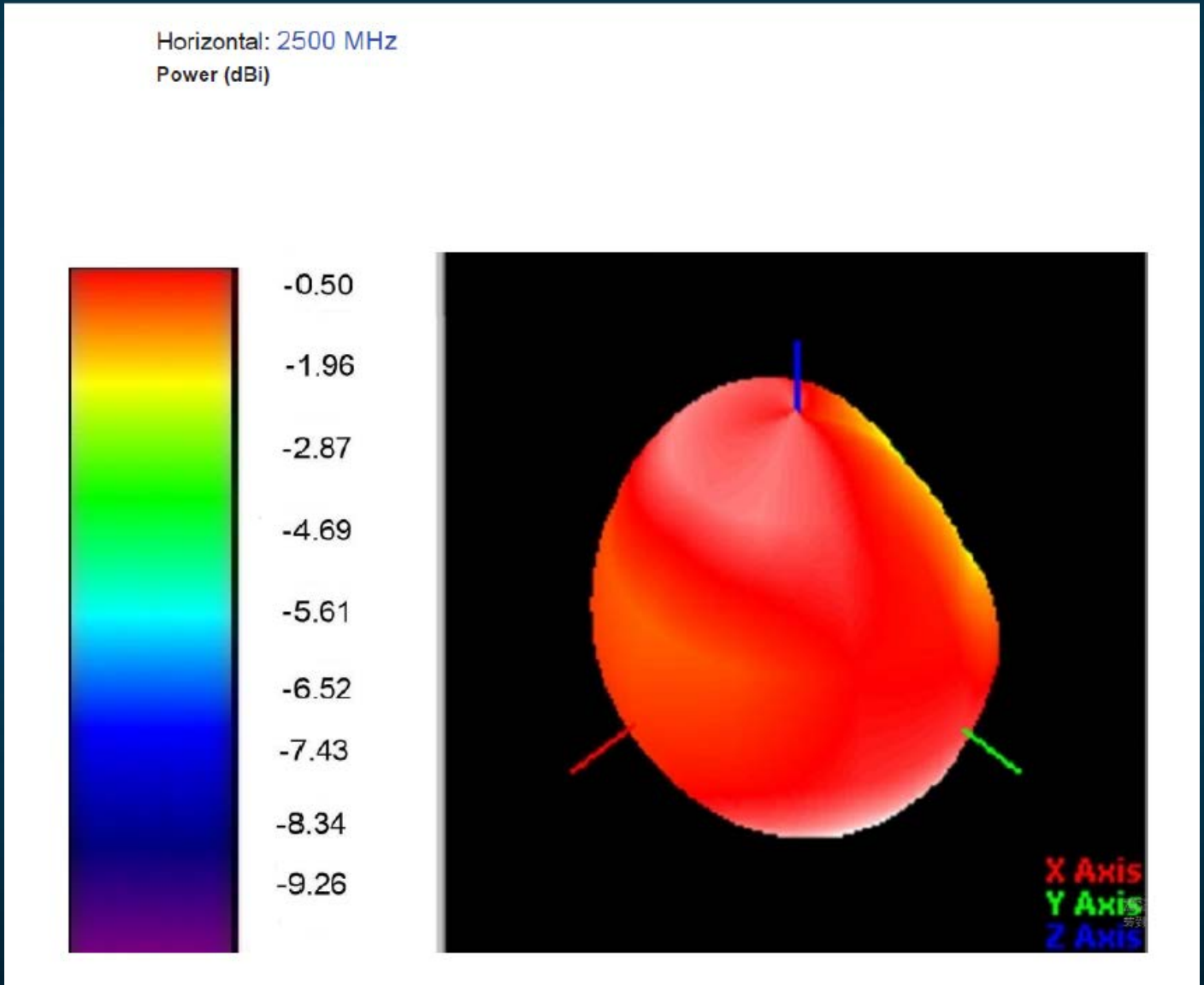
Antenna passive impedance diagram



Antenna passive efficiency data

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	-1.34	35.17
2410	-1.15	35.52
2420	-1.42	34.57
2430	-1.11	35.26
2440	-1.26	34.98
2450	-1.1	35.39
2460	-1.3	34.24
2470	-1.06	35.6
2480	-0.98	36.38
2490	-0.96	36.53
2500	-0.50	37.42

3D Directional diagram



Important note:

1. Please pay attention to whether the matching in the report is changed and whether the environmental treatment is feasible; This will directly affect the antenna performance, if there is any objection
Please contact us in time;

2. If your machine has changed materials, updated software, and processed changes Moreover, it is necessary to provide the latest status machine to our company for verification in time;

3. If your machine needs to be sent to a third party for verification or inspection, please provide the testing machine to our company for testing and verification before sending the test (because the consistency of motherboard, environmental treatment, antenna assembly, etc., will affect the linear deviation).

使命必达

Mission Must be Achieved.

thank you

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