

深圳市和鸣微科技有限公司

Shenzhen HamyWe Technology Co., Ltd.

奇力CL809

版本
V1



负责人：
电 话：
日 期：2023/08/21

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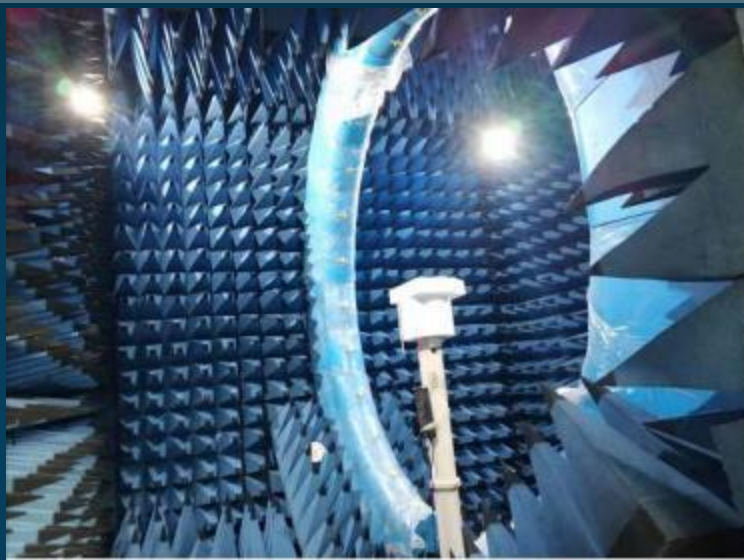
说明
Instructions



测试设备

Test Equipment

SG24



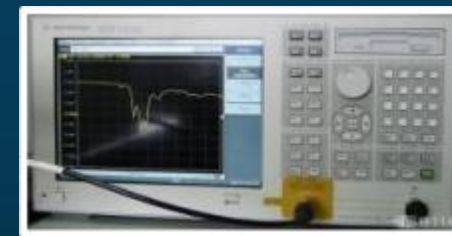
GTS



Agilent 8960



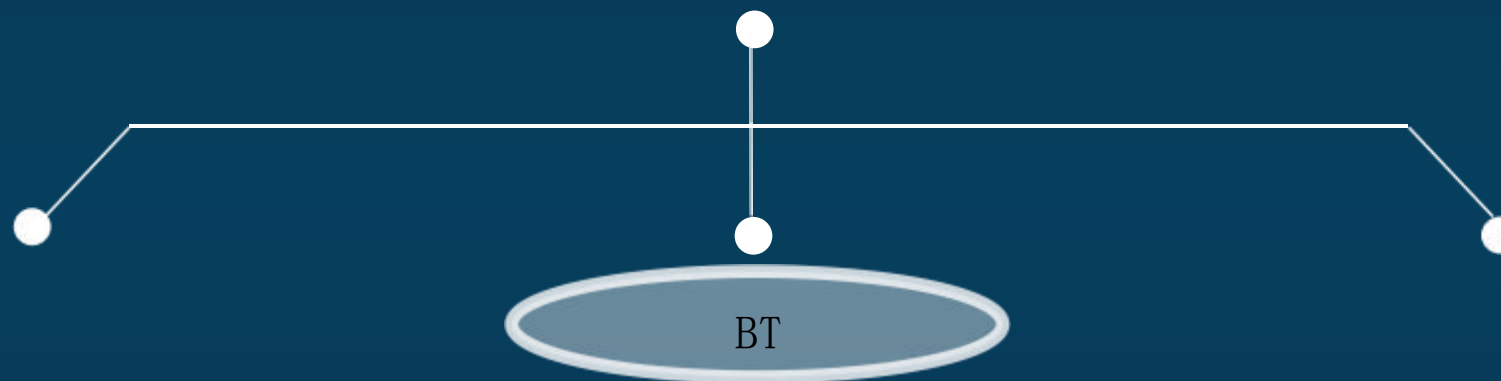
CMW 500



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	Temperature: 22°C ± 3°C	Support 5G/4G/3G/2G	600MHZ — — 6G
ETS	Humidness: 50% ± 15%	Support BT/WIFI/GPS	

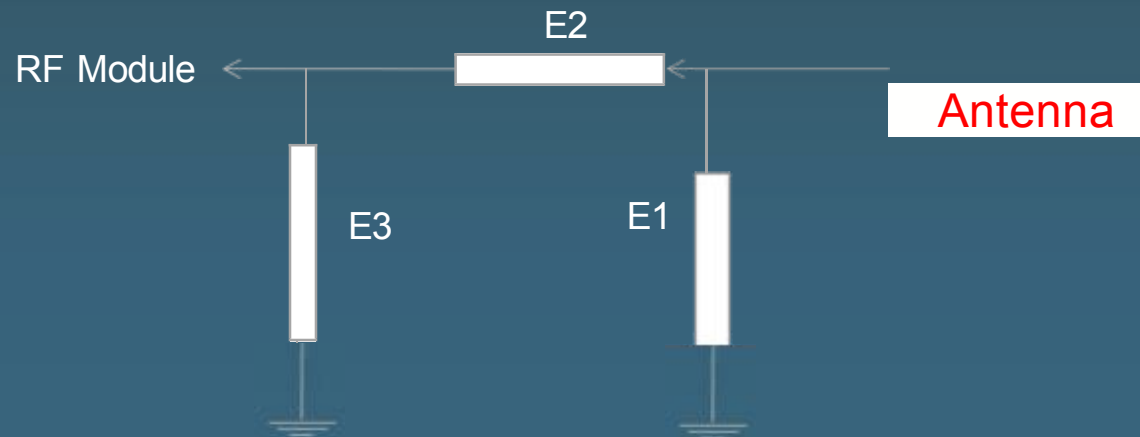
Chileaf CL809



机器类型: 心率带
Machine type: Heart rate belt

天线方式: 板载
Antenna type: PCB

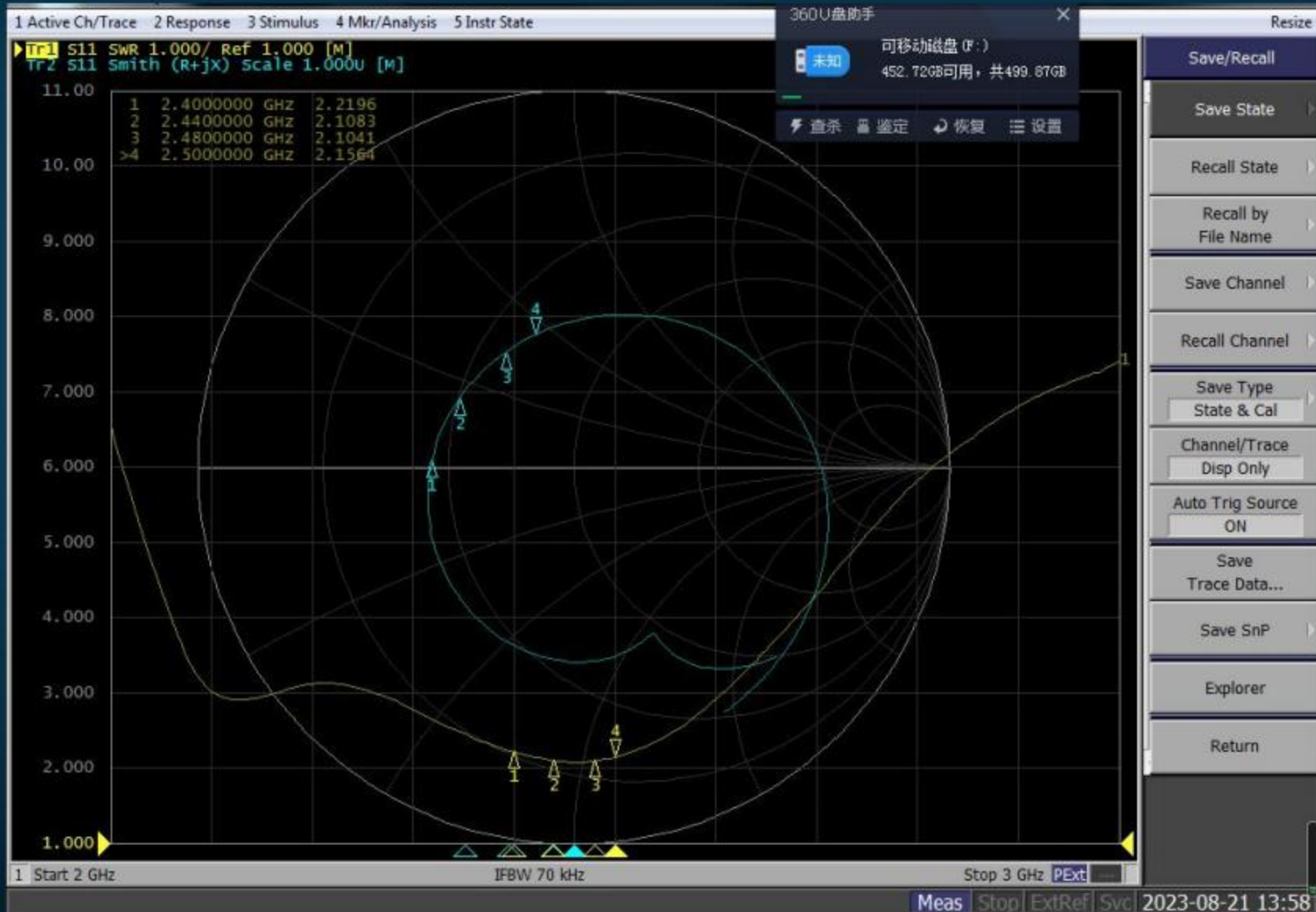
匹配改动: 未改动
Matching changes: No



匹配 Matching

Element	Value
E1(0201)	
E2(0201)	No changes
E3(0201)	

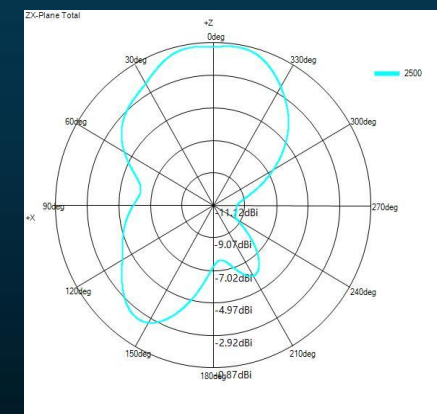
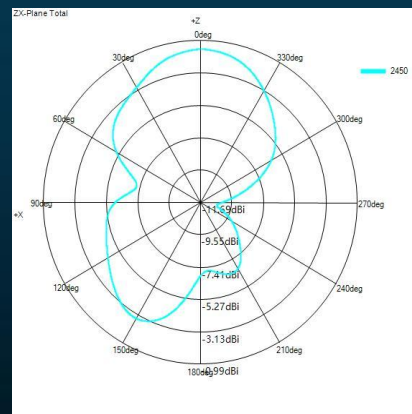
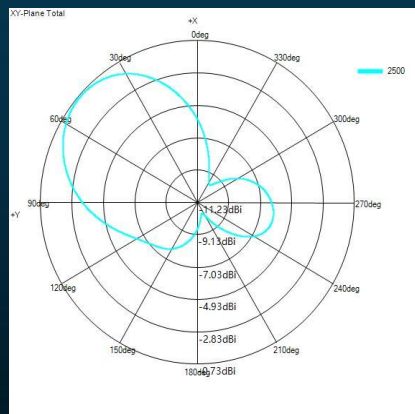
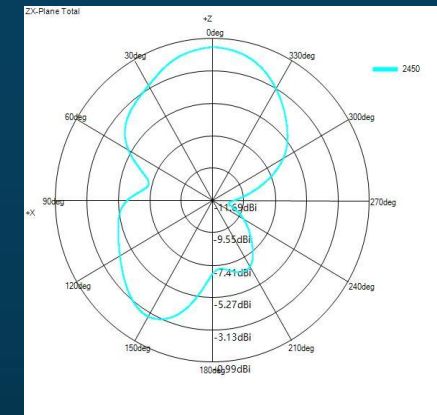
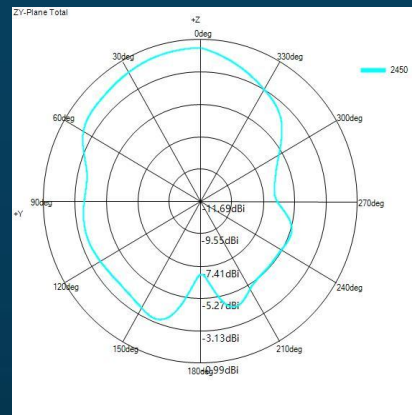
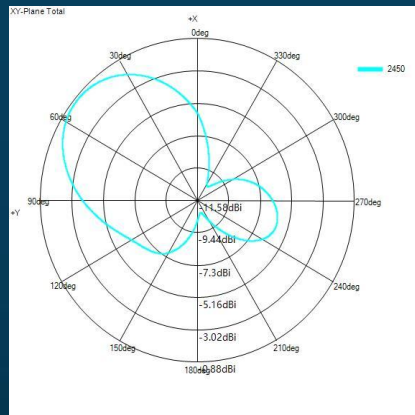
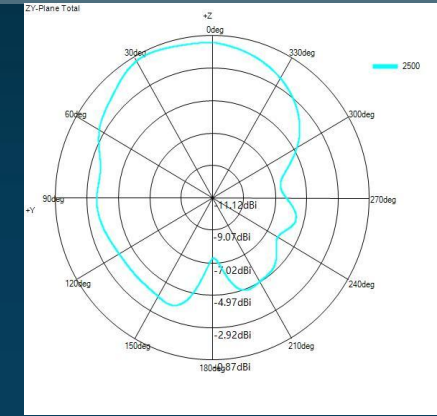
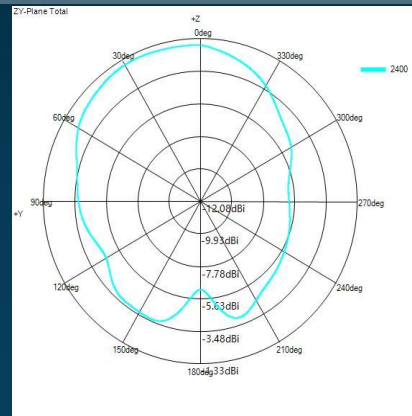
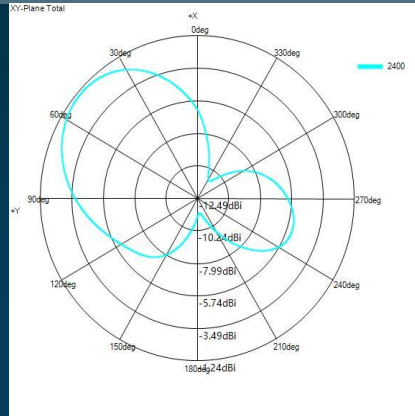
Antenna passive impedance diagram

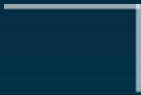


Antenna passive efficiency data

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	-0.87	37.42

2D 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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