深圳市和鸣微科技有限公司

Shenzhen HamyWe Technology Co.,Ltd.

奇力CL600

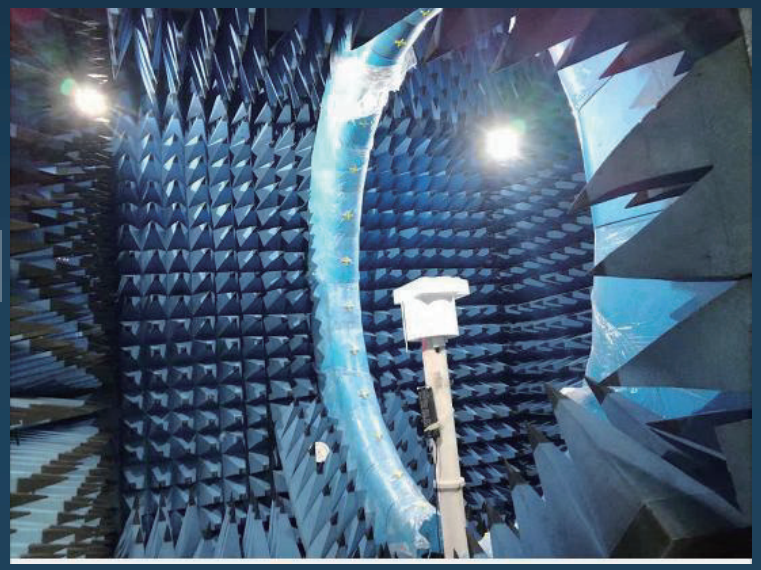
版本
V 1

test report

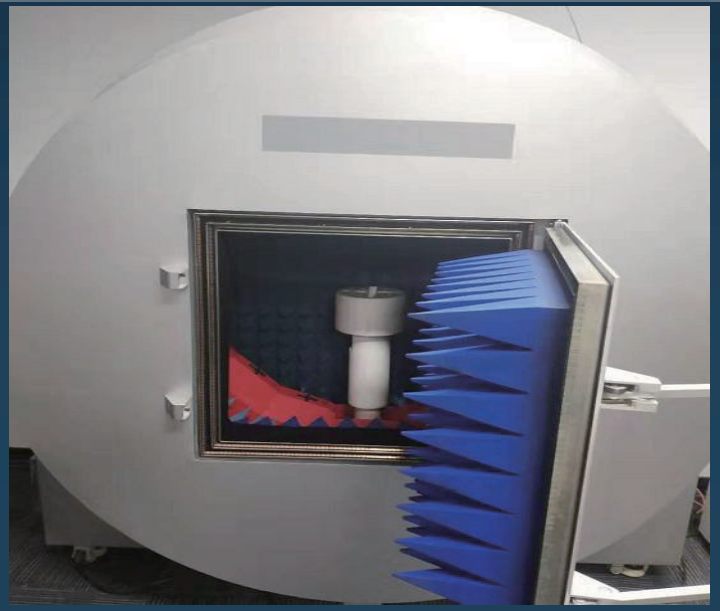
负责人：冯少辉
电　话：18218555940
日　期：2023.10.18

test equipment

SG24



ETS



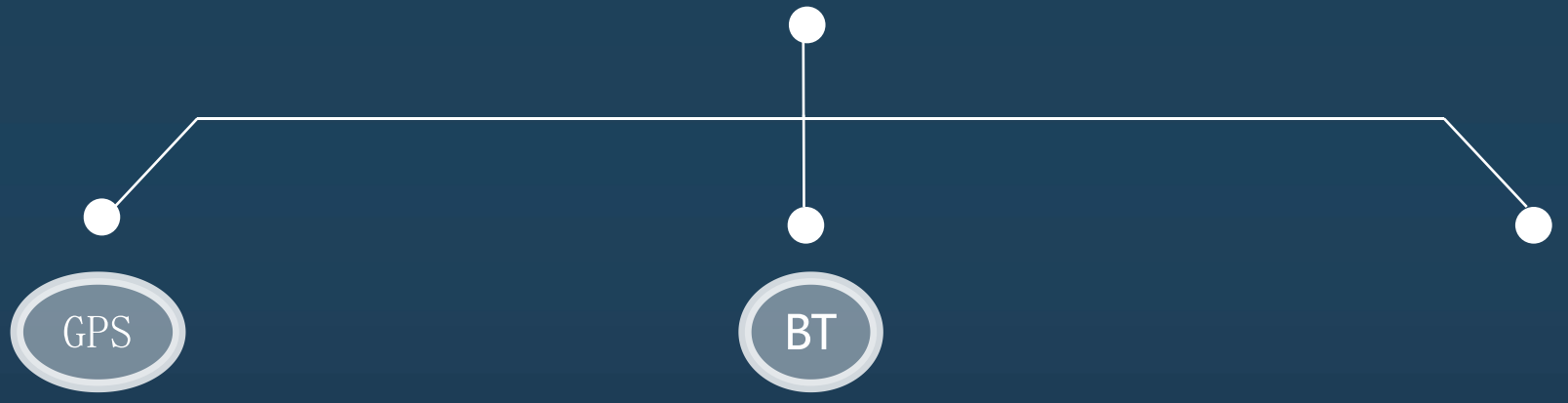
Agilent 8960

CMW 500

Agilent E5071B

Test system	Testing environment	Active test	Passive test
SG24 ETS	temperature：22℃±3℃ humidity：50%±15%	Support 2G/3G/4G Support BT/WIFI/GPS	600MHZ——6G

Project Description



Machine type: Code table

Antenna mode: onboard + ceramic

Performance requirements: normal standard

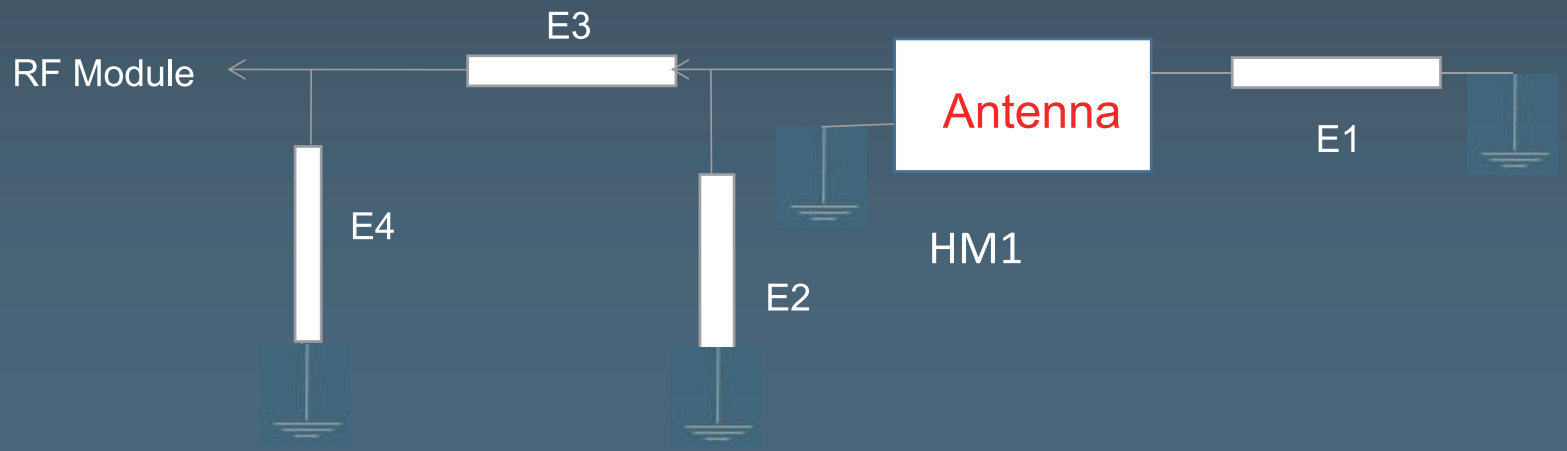
Debug version records

奇力CL600

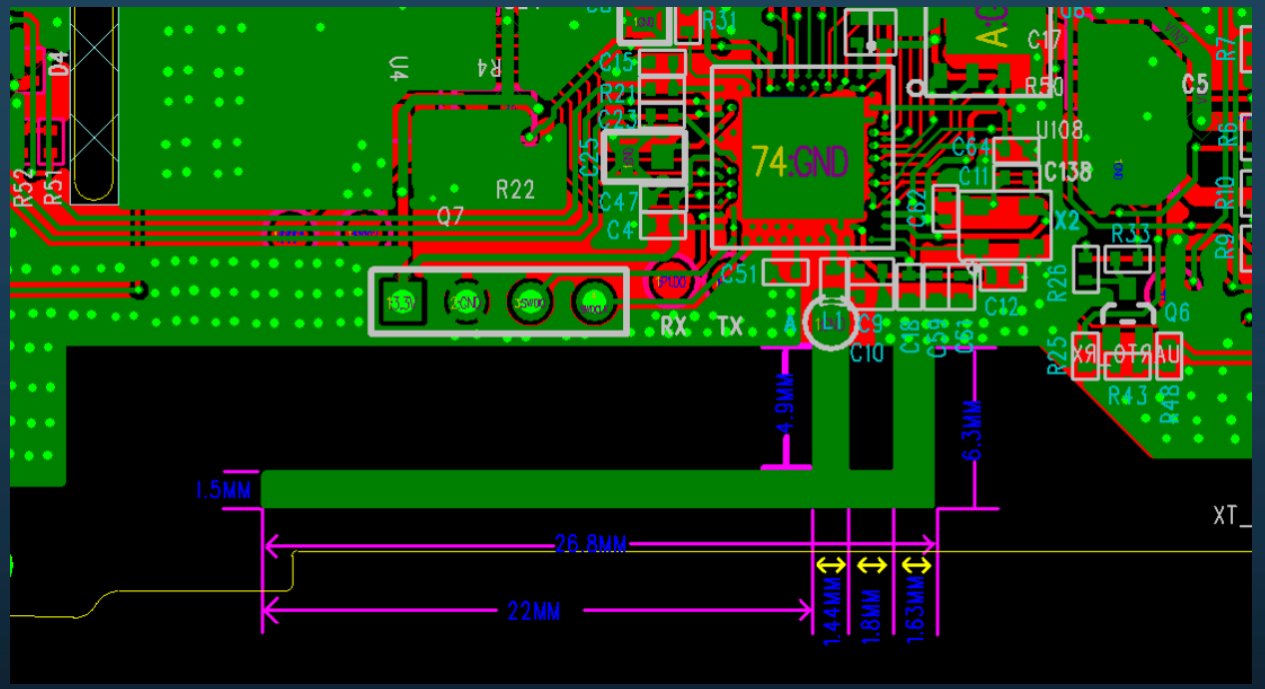
Version	Date	Content Overview
V1	2023 10 18	Testing
V2		
V3		
V4		
V5		
V6		
V7		
V8		
V9		
V10		
V11		
V12		
V13		
V14		
V15		

Front

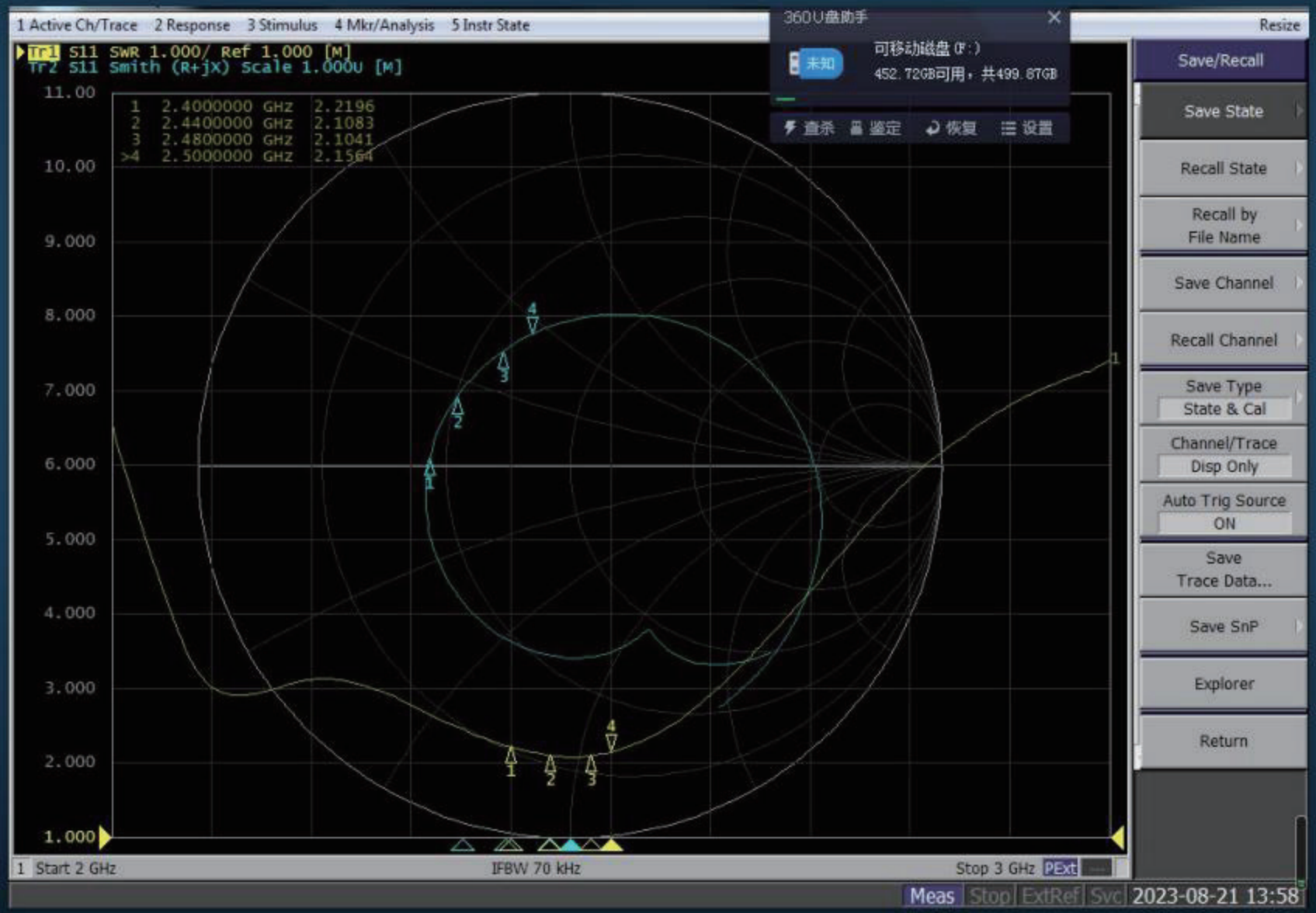
Matching circuit



BT天线		
Element	Value-L	Value-R
E1(0201)		
E2(0201)		
E3(0201)		
E4(0201)		



Antenna passive impedance diagram

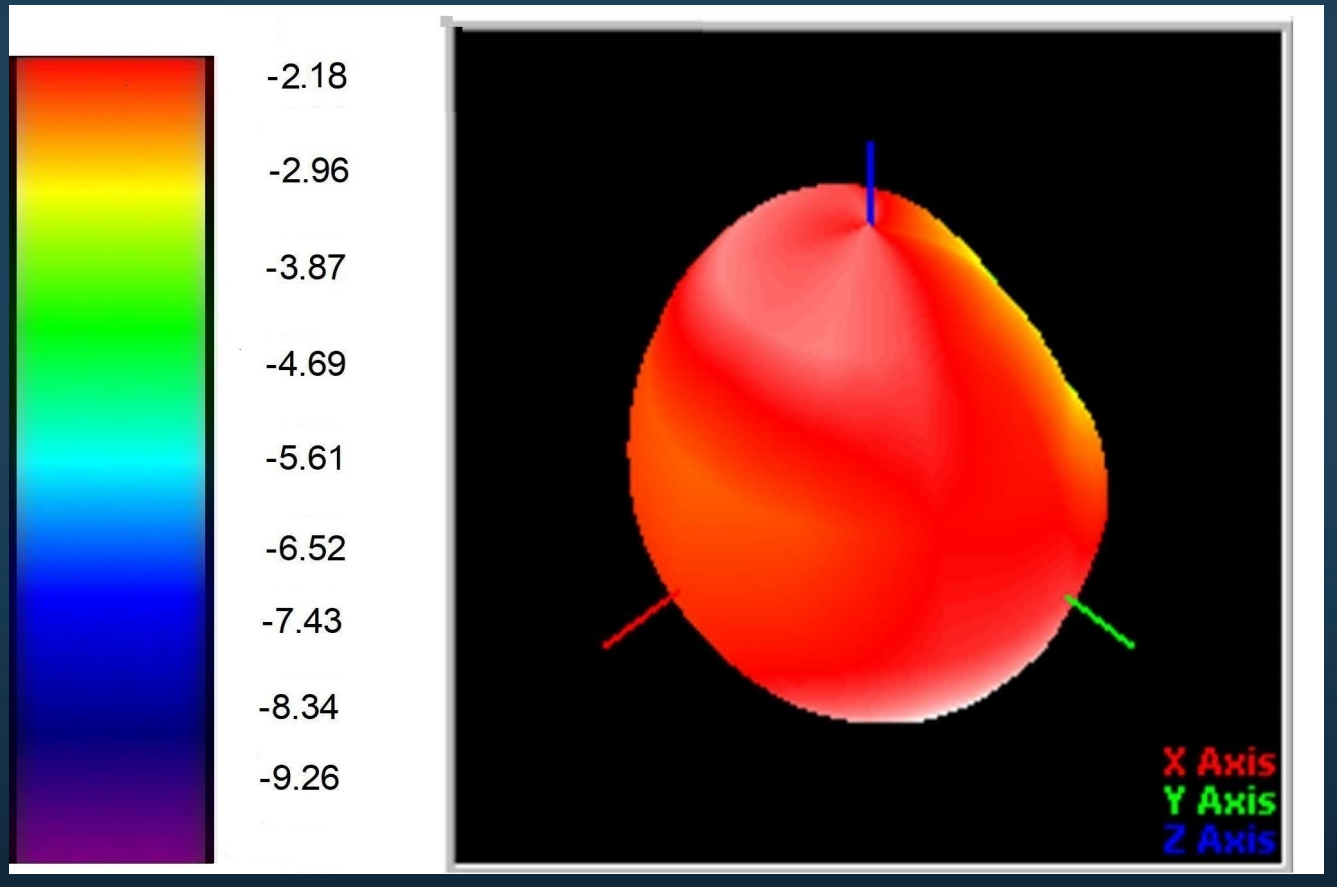


GAIN & Efficiency数据 BT

Frequency (MHz)	Gain(dB)	Efficiency(%)
2400	-2.91	16.63
2410	-3.47	15.81
2420	-3.02	13.85
2430	-3.52	15.28
2440	-3.99	14.47
2450	-2.57	16.73
2460	-2.52	17.72
2470	-2.72	19.31
2480	-2.18	19.01
2490	-2.32	21.04
2500	-2.36	20.31

Directional diagram

Frequency：2480MHz



Important Notes

1. Your company should pay attention to whether the matching in the report is changed and whether the environmental treatment is feasible; This will directly affect the performance of the antenna, if you have any objections, please contact us in time;

2. If your machine changes materials, updates software, changes in ring processing, etc., you must provide the latest state of the machine to our company for verification

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