

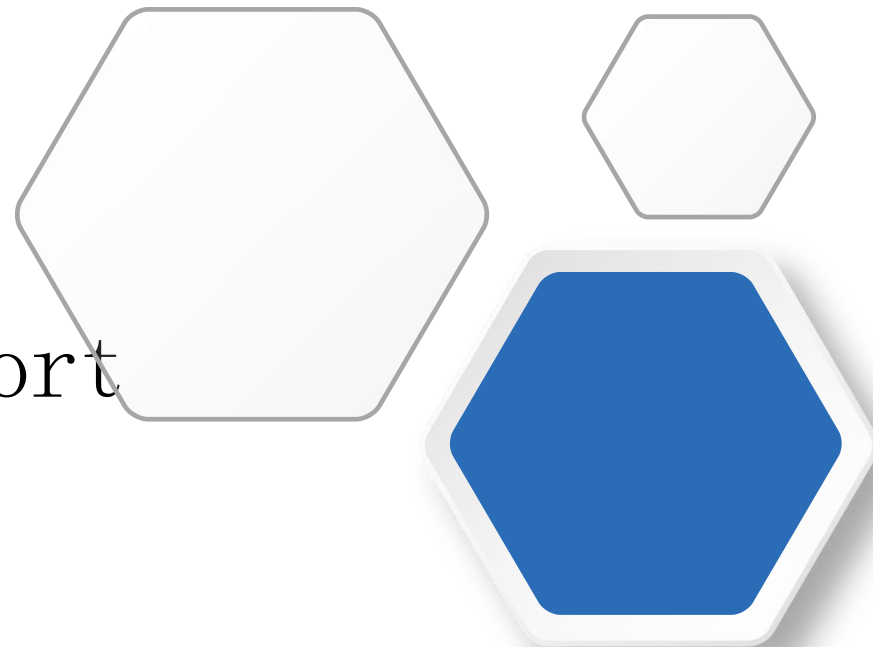


KW269B Antenna Test Report



RF:Li Gong

Date:2024.07.19





目 录

CONTENTS

01

Basic information

Test equipment

antenna matching

02

Test data

Passive/Active Test Data Antenna Assembly Diagram
Environmental treatment diagram

03



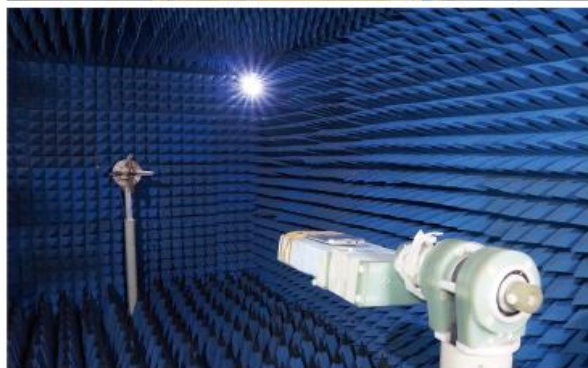
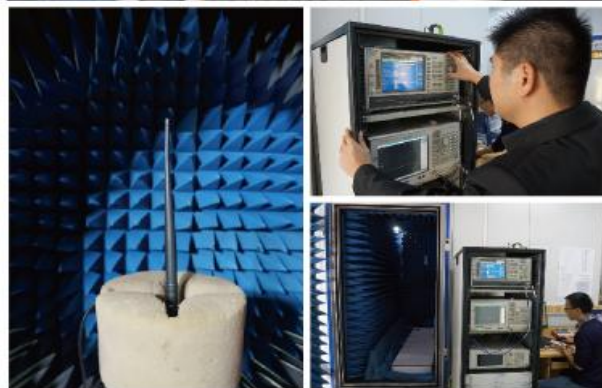
基础信息:

Basic information

【SATIMO】



【广屏】



测试系统

➤ SATIMO, Agilent E5071C, Anritsu MT8820C, CMW500, StarPointSP9500

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

- Customer Name: 琦沃智能
- Project name: KW269B
- Frequency: BT

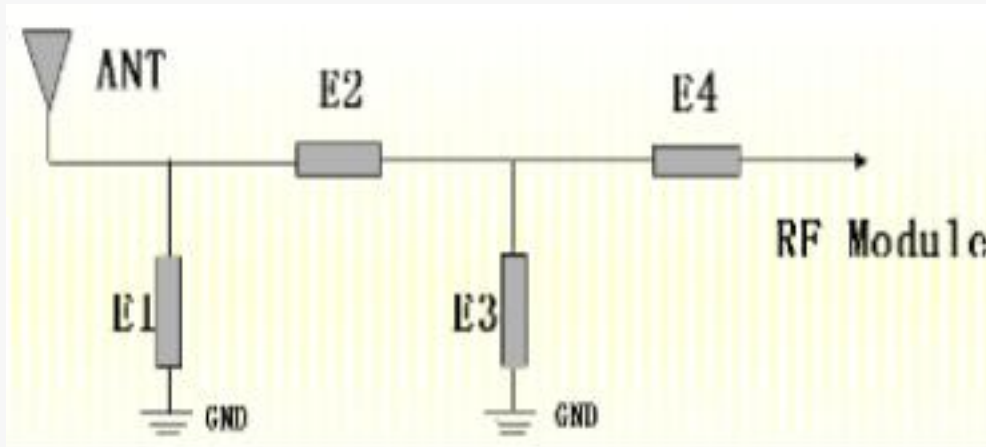


基础信息

Basic information

天线匹配

Antenna circuit matching description



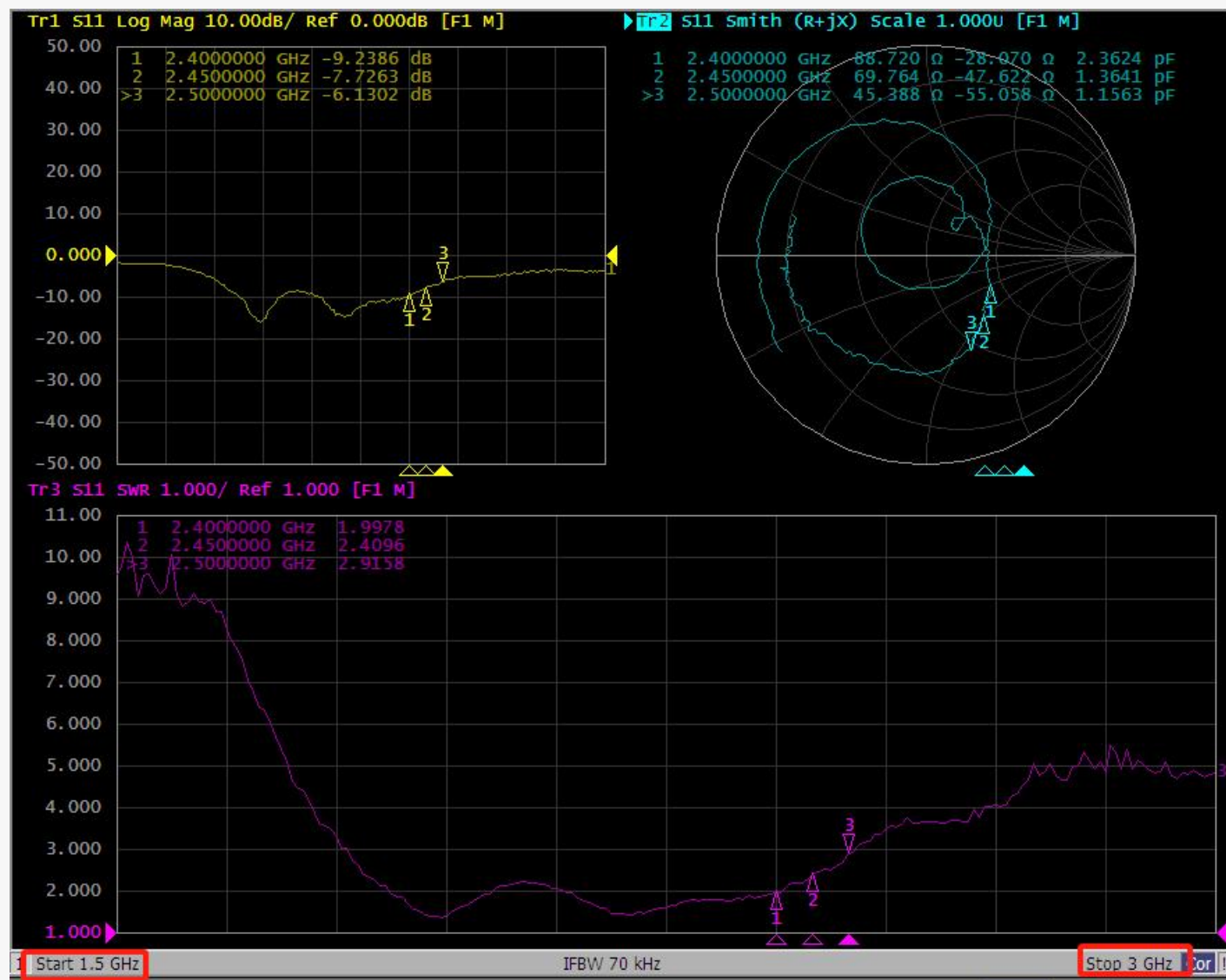
(1) BT antenna antenna matching

No changes made



测试数据: BT天线无源图 - (SWR/Log Mag /Smith)

test data

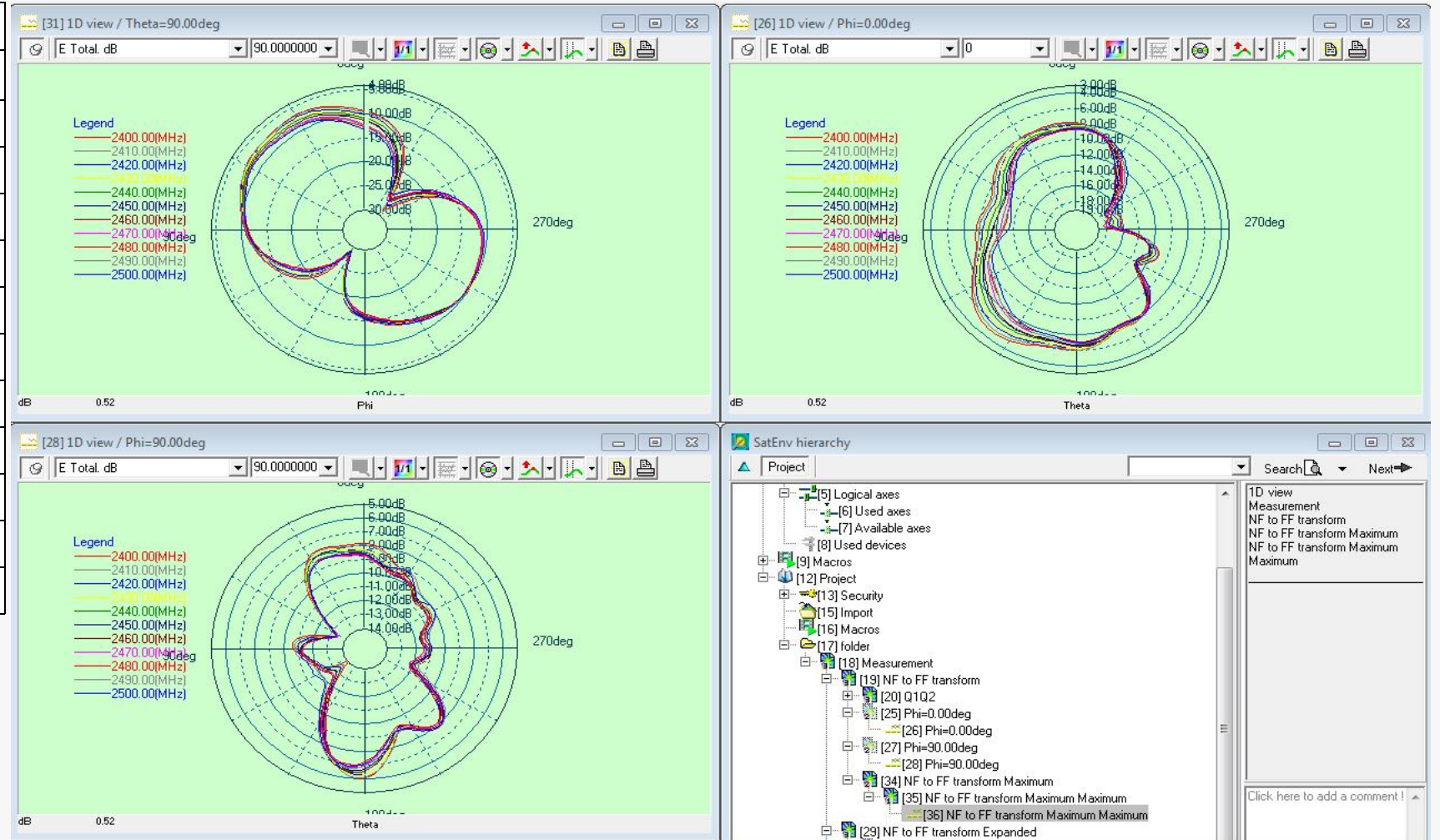




测试数据: test data

BT antenna passive data - (efficiency/gain/pattern)

2400-2500MHz Efficiency		
Frequency	Efficiency	Gain. dBi
2400MHz	10%	-3.27
2410MHz	10%	-3.45
2420MHz	10%	-3.73
2430MHz	9%	-3.88
2440MHz	9%	-4.20
2450MHz	9%	-4.50
2460MHz	9%	-4.60
2470MHz	8%	-5.08
2480MHz	8%	-5.26
2490MHz	8%	-5.04
2500MHz	8%	-5.38





播放通话实测数据:

Test Status	Wear a watch to play music, raise your hand to your chest for testing, stuttering, and disconnection			
system model	Android (HUAWEI Mate 50 Pro)			
Indoor/Outdoor	Indoor	Outdoor		
connection distance	12-14m	9m		





Test data for playing music:

Test Status	Wear a watch to play music, raise your hand to your chest for testing, stuttering, and disconnection			
system model	Android (HUAWEI Mate 50 Pro)			
Indoor/Outdoor	Indoor	Outdoor		
connection distance	13-14m	10-11m		





Antenna position:

