

产品规格书

Product Specification

客户名称 Customer Name: Yao Jin

项目名称 Project Name : MIFI-2.4G PCB Internal Antenna

规格描述 Product Spec : YJ-2.4G-PCB 17×7.0

中科料号 Customer P/N :

版 本 REV : V1.0

日 期 Date : 2023.09.15

制 作 drawing	审 核 check	批 准 approved
YIAOGONGZHE	WANGYUMEI	JIANGZHENHUAN

客户承认 Customer Approve

审 核 check	批 准 approved	承 认 approval

承认书项目表

Admission book item table

NO.	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Admit the cover)	1	1
2	承认书项目表 (Admission book item table)	1	2
3	测试设备及原理 Testing Equipment and Principle	1	3
4	测试设备 (Test equipment)	1	4
5	测试环境 (Test environment)	1	5
6	工程成品图 (Finished drawing)	1	6
7	电性测试报告 (Electrical test report)	1	7
8	S参数测试报告 (Parameter test report)	1	8
9	无源测试报告 (Passive test report)	1	9-49
10	-	-	-
11	-	-	-
12	-	-	-

测试设备及原理 Testing Equipment and Principle

1. 测试设备 Test equipment:

网络分析仪 Network Analyzers :

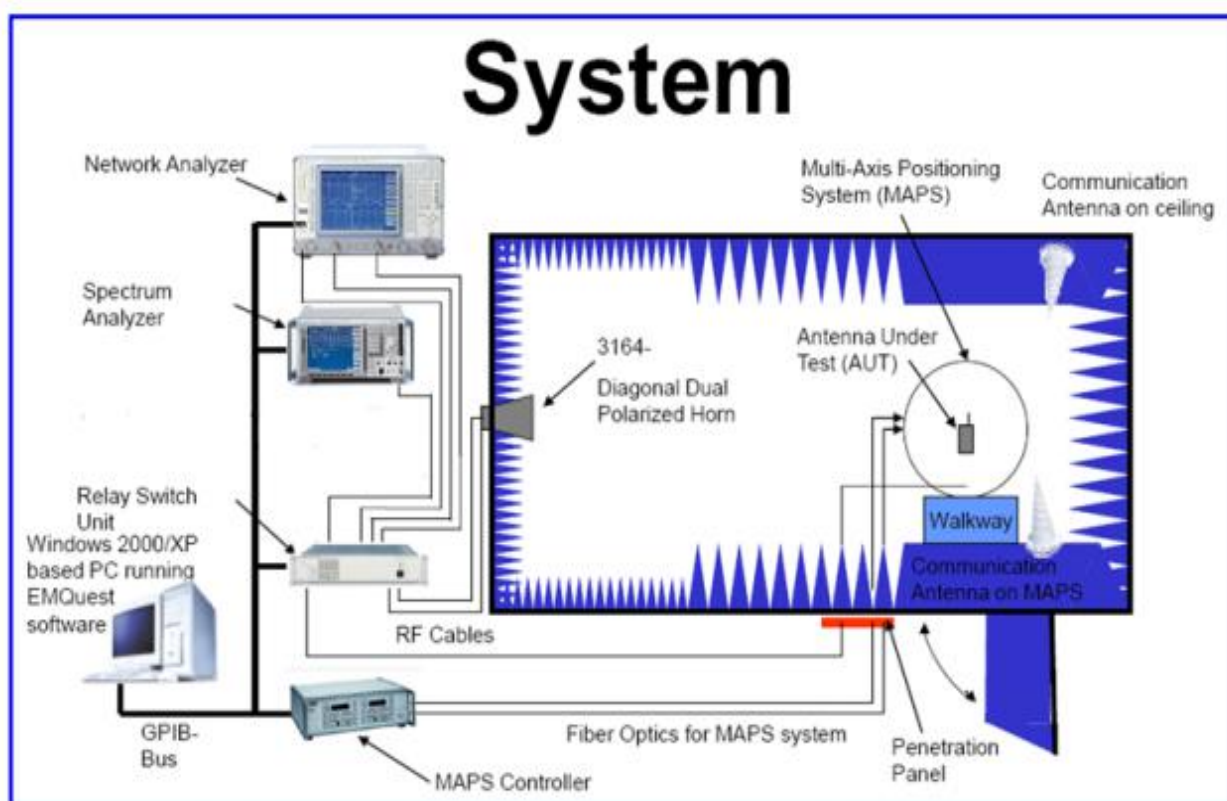
Agilent 5071C

综合测试仪 Communications Test Set:

Agilent E5071C CMW500 8820C

3D 暗室测试系统 3D Chamber Test System:

2. 测试原理 Testing Principles:



测试设备

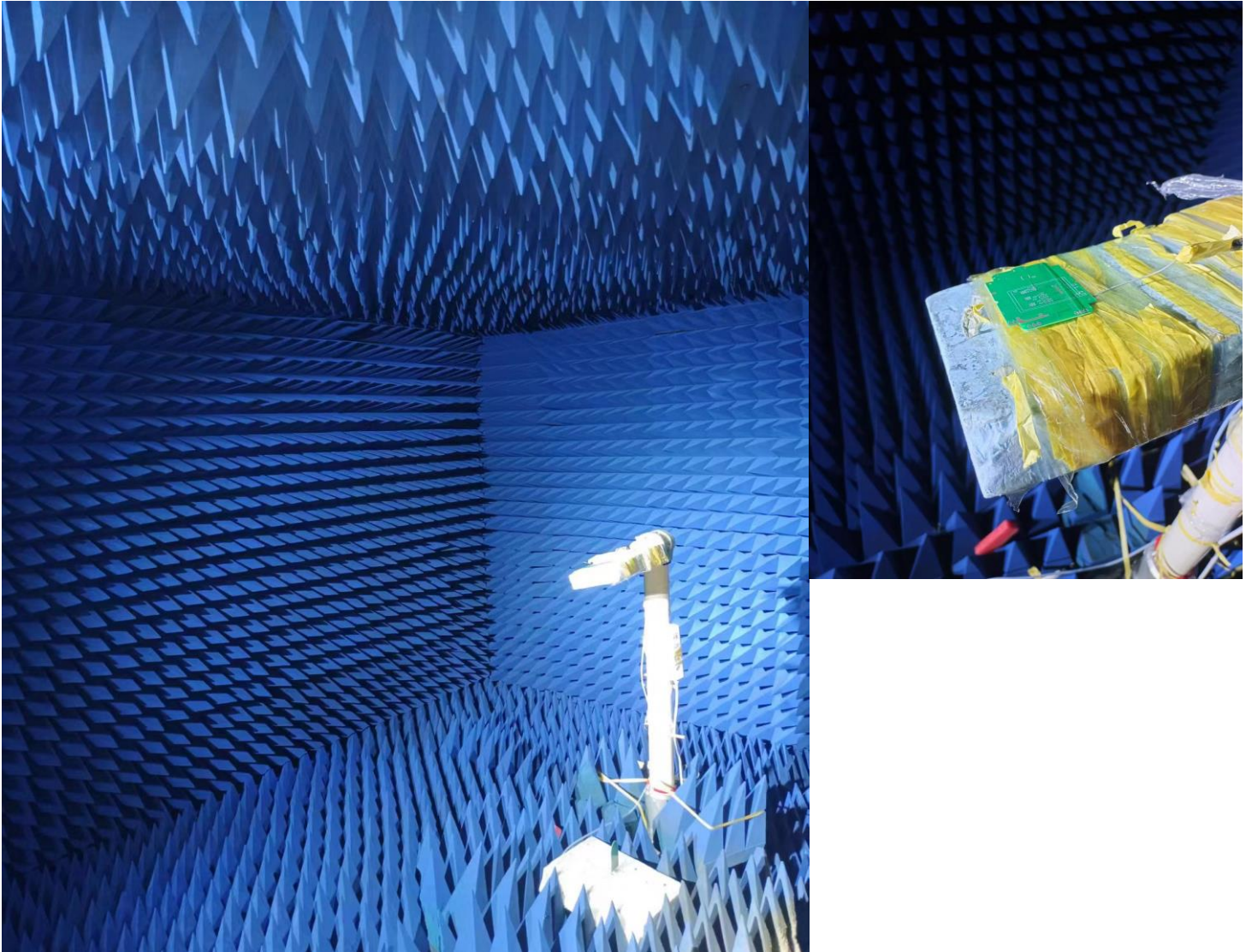
Passive test report



设备名称：5071C
Device name: 5071C

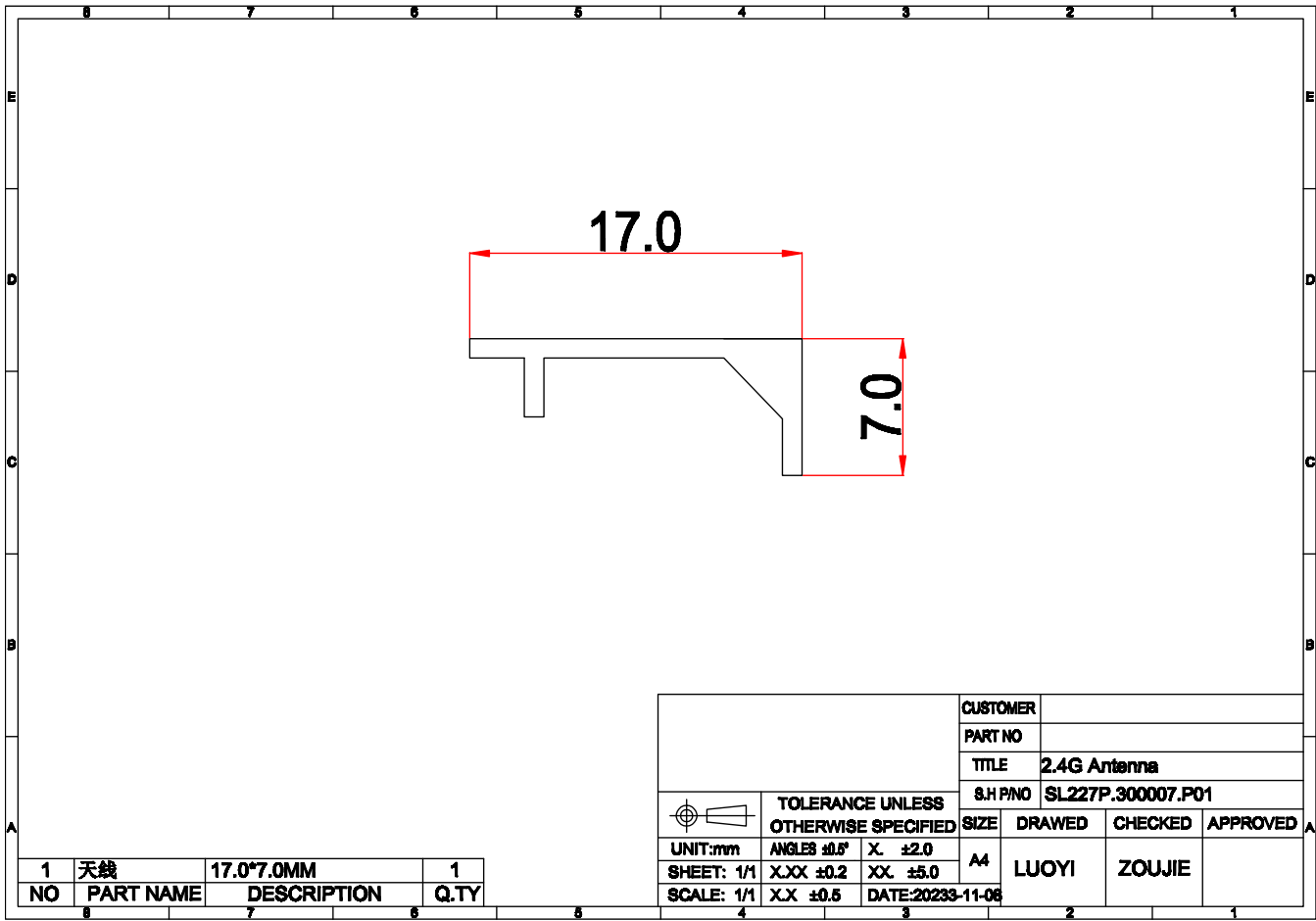
测试环境

Test environment



设备名称：微波暗室

Device name: Microwave darkroom



电 性 测 试 报 告

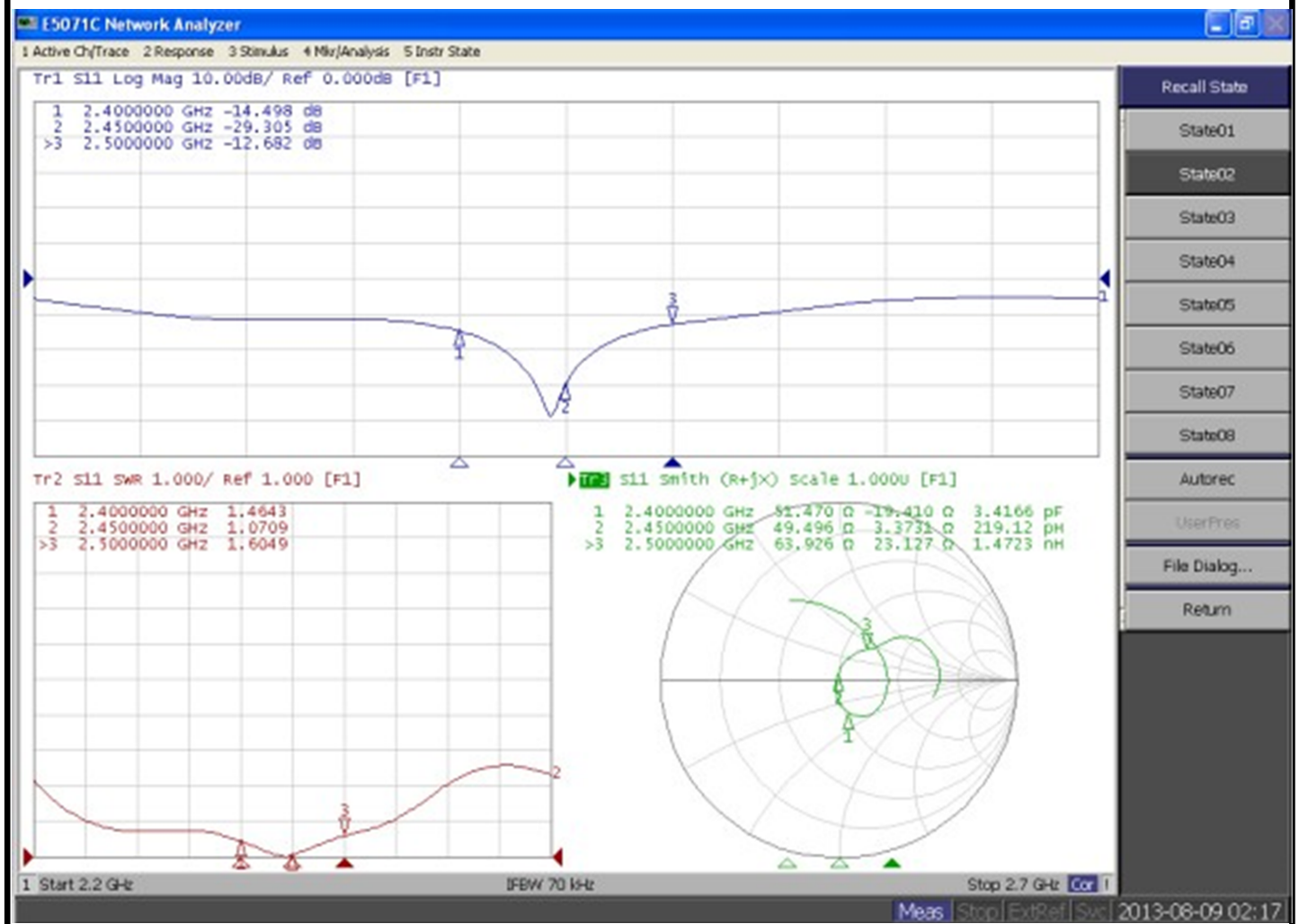
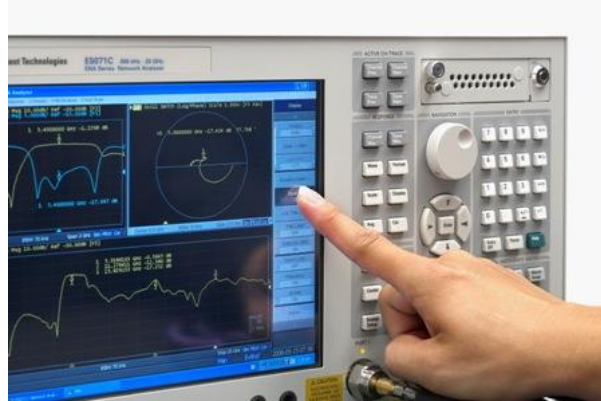
Test Reports

Electrical Properties	
Frequency	2400MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	-2.35dBi
Cable Loss	
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	
Cable Type	
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	

S 参数测试

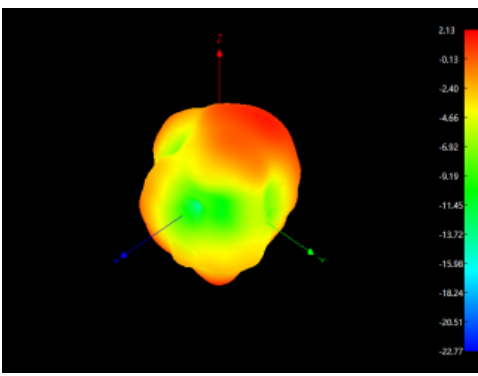
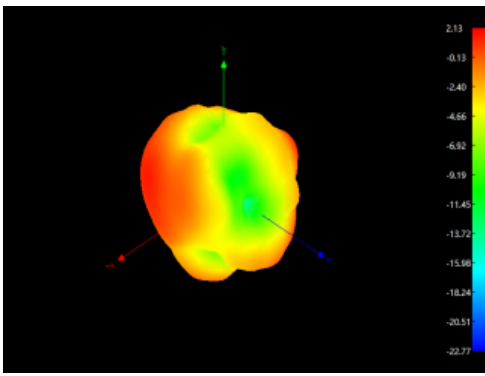
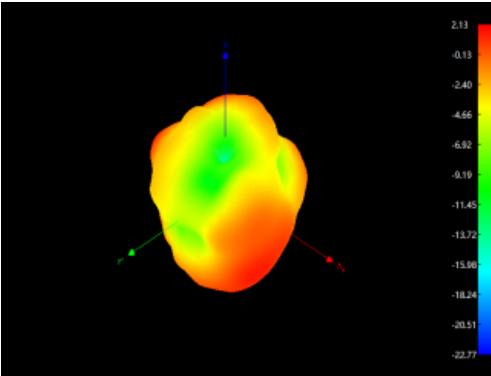
S Parameter Test

Agilent E5071C



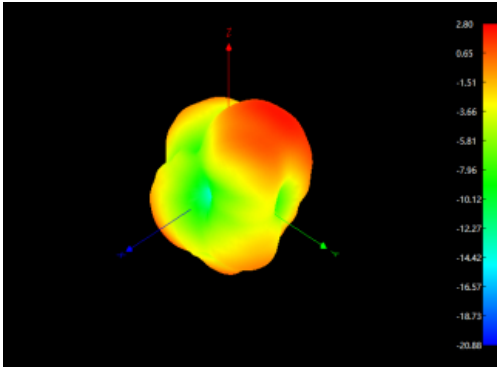
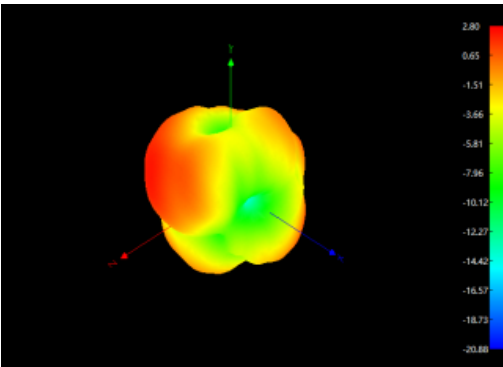
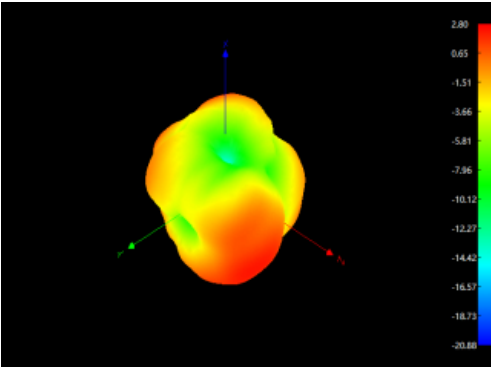
3D 2400

2400.000MHz



3D 2450

2450.000MHz



3D 2500

2500.000MHz

