



# 拓频物联

## W111天线测试报告

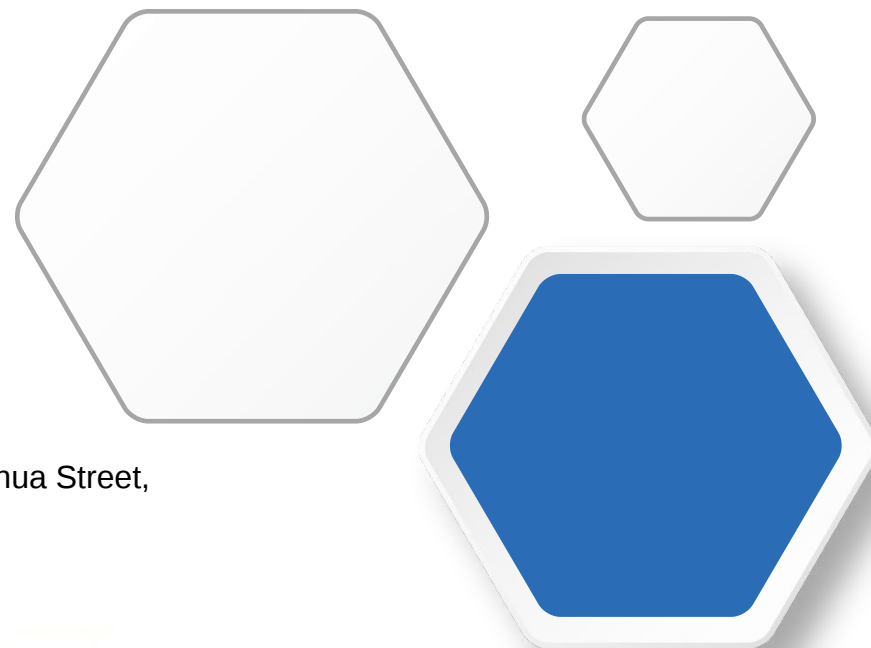
Manufacturer: Shenzhen uCloudlink Network Technology Co., Ltd.

Add: 4th Floor, Building A, Jinbolong Industrial Park, No. 1 Huayun Road, Longhua Street,  
Longhua District, Shenzhen



射频:李工

时间:2023.08.23





01

## 基础信息

测试设备    整机资料    天线匹配

02

## 测试数据

无源/有源测试数据    天线装配图示  
环境处理图

03

## 规划总结

项目概述



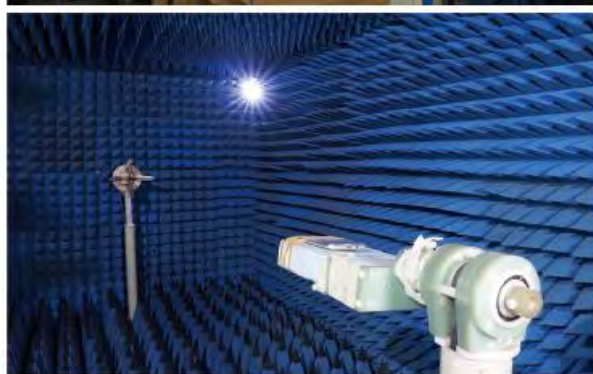
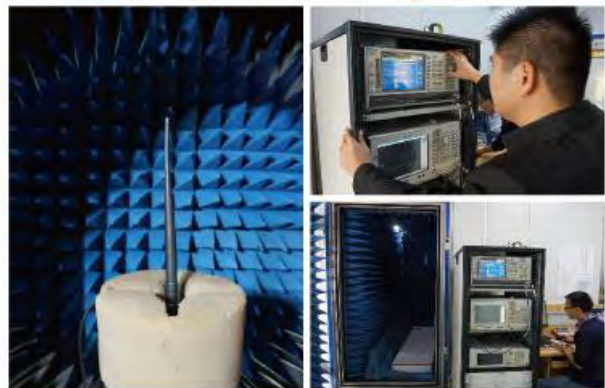
## 基础信息

Basic information

【SATIMO】



【广屏】



## 测试系统 Test System

➤ 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

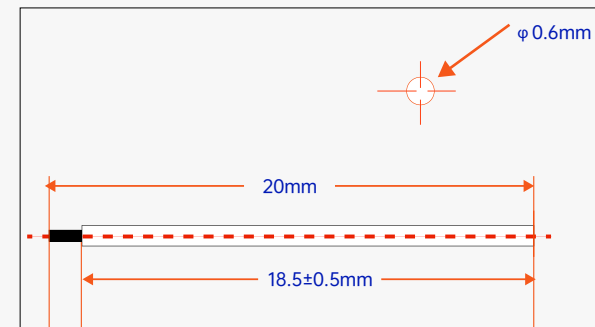
Basic information



## 整机资料 machine data

- Applicant: MILLENNIUM OPPORTUNITIES GENERAL TRADING LLC
- ADD: Office Suite # 3015, Churchill Towers, Downtown Burj Khalifah District, Business Bay, Dubai, UAE P.O. Box: 64062
- Model: W111
- Band Info.: BT

BT Antenna size: L\*20mm,  $\phi$  0.6mm

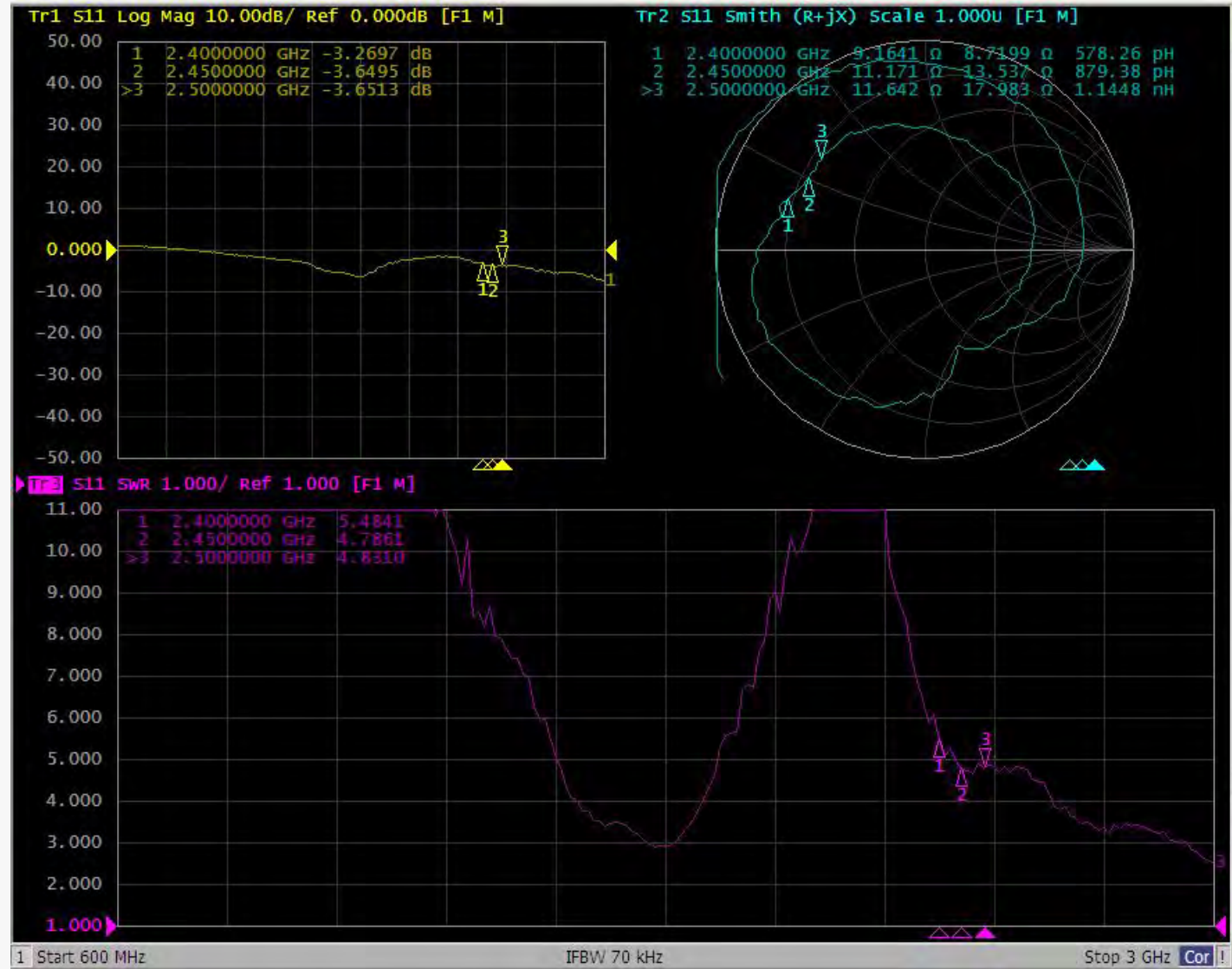




## 测试数据:

test data

BT天线无源图 - (SWR/Log Mag /Smith)



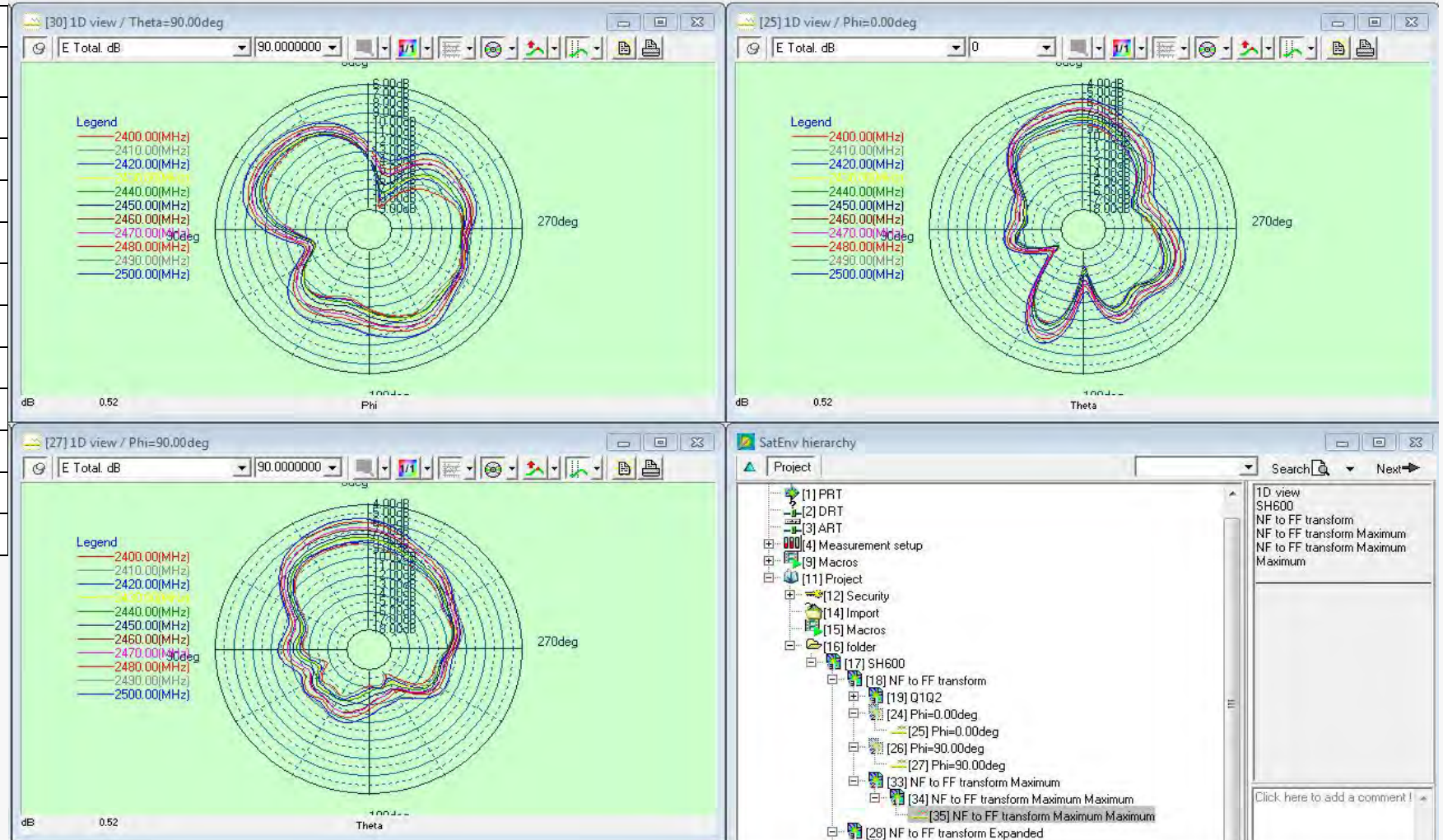


# 测试数据: test data

## BT天线无源数据- (效率/增益/方向图)

### BT Antenna Passive Data - (Efficiency/Gain/Directional Pattern)

| 2400-2500MHZ Efficiency |            |           |
|-------------------------|------------|-----------|
| Frequency               | Efficiency | Gain. dBi |
| 2400MHz                 | 2%         | -8.49     |
| 2410MHz                 | 2%         | -8.59     |
| 2420MHz                 | 2%         | -8.47     |
| 2430MHz                 | 2%         | -8.21     |
| 2440MHz                 | 2%         | -8.24     |
| 2450MHz                 | 3%         | -7.98     |
| 2460MHz                 | 3%         | -7.51     |
| 2470MHz                 | 3%         | -7.57     |
| 2480MHz                 | 4%         | -6.98     |
| 2490MHz                 | 4%         | -6.60     |
| 2500MHz                 | 4%         | -6.58     |





## 规划总结

Planning to summarize

0 0  
以上报告为W111客供机器，无源测试报告。

The above report is the passive test report of W111 customer-supplied machine.

# THANK YOU

愿您在纷繁喧扰的世界有一颗平静的心  
——拓频物联

