

# 规格承认书

## SPECIFICATION FOR APPROVAL

|                |            |
|----------------|------------|
| 日期<br>Date     | 2023/12/12 |
| 编号<br>File No  | 23121201   |
| 版本<br>Revision | 1.0        |

客 户  
CUSTOMER:

客户料号  
CUSTOMER NO:

C022

品 名  
PART NAME:

Antenna

供方料号  
SUPPLIER NO:

YJF01.038.020.301A

送样日期Date:

送样数量Q'TY:

| 客户确认CUSTOMER APPROVED BY |       |            |
|--------------------------|-------|------------|
| APPROVAL                 | CHIEF | SUPERVISOR |
|                          |       |            |

| 供方确认 SUPPLIER SIGNATURE                                                                             |       |            |
|-----------------------------------------------------------------------------------------------------|-------|------------|
| APPROVAL                                                                                            | CHECK | DESIGN     |
| <br>ChenGuoqiang | XieLi | ChenXingyi |

YJ-RD-F04-A

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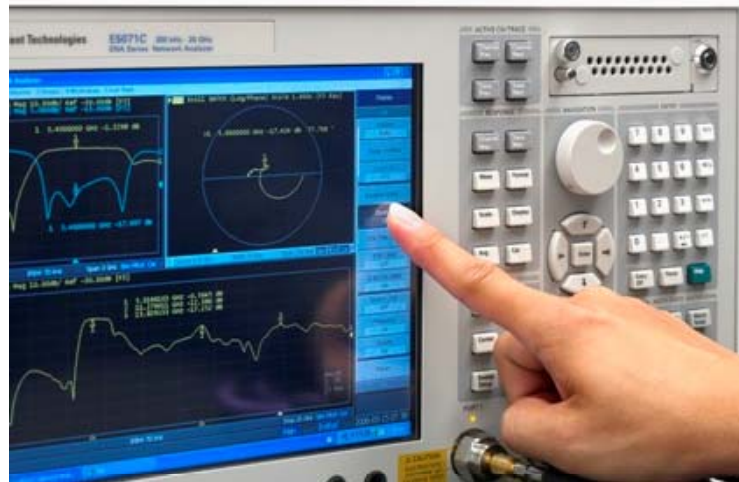
天线规格

Antenna Specification

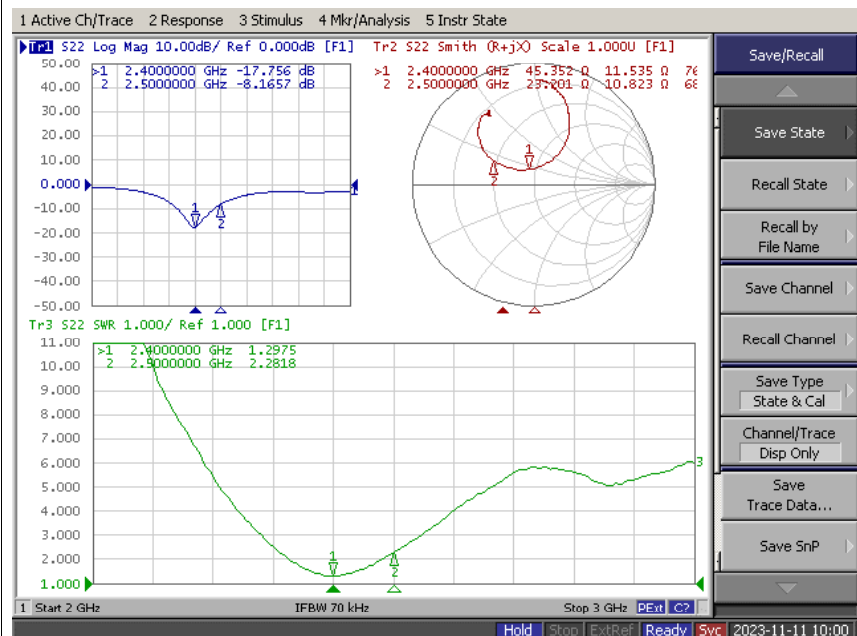
| Electrical Properties   |                  |
|-------------------------|------------------|
| Frequency               | 2.4-2.5GHz       |
| Impedance               | 50 Ohm Nominal   |
| V.S.W.R                 | 2.0 Max          |
| Gain                    | 1 dBi            |
| Radiation               | Omni-directional |
| Polarization            | Linear           |
| Physical Properties     |                  |
| Connector               | None             |
| Cable Type              | None             |
| Cable Length            | None             |
| Cable Color             | None             |
| Operating Temp.         | -40 ~ +85 °C     |
| Storage Temp / Humidity | 25±5°C / <70%    |

# Antenna Performance Test

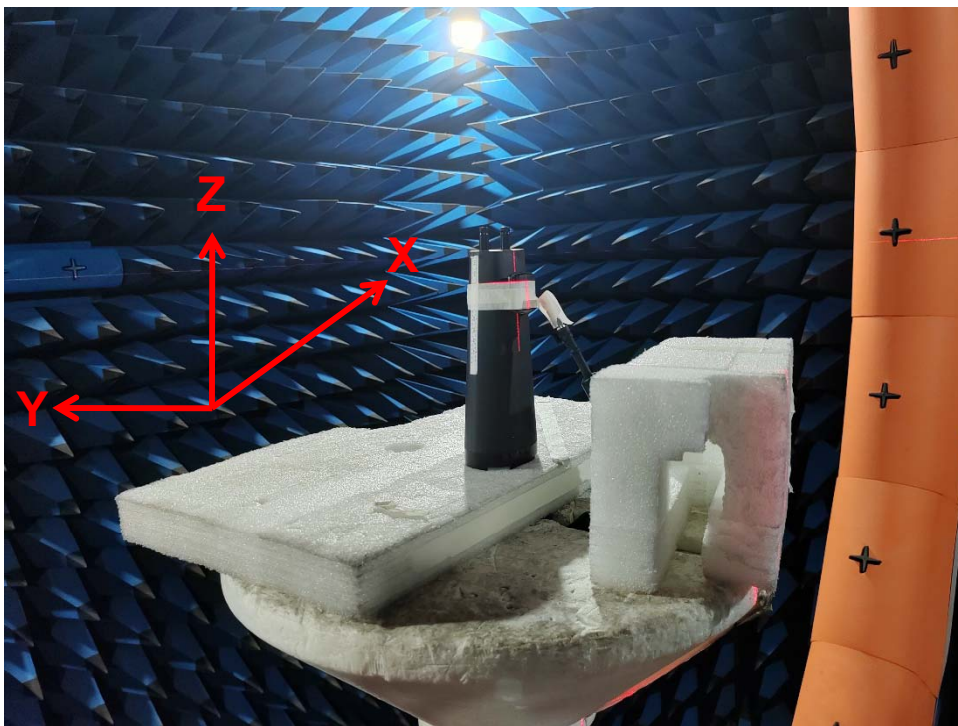
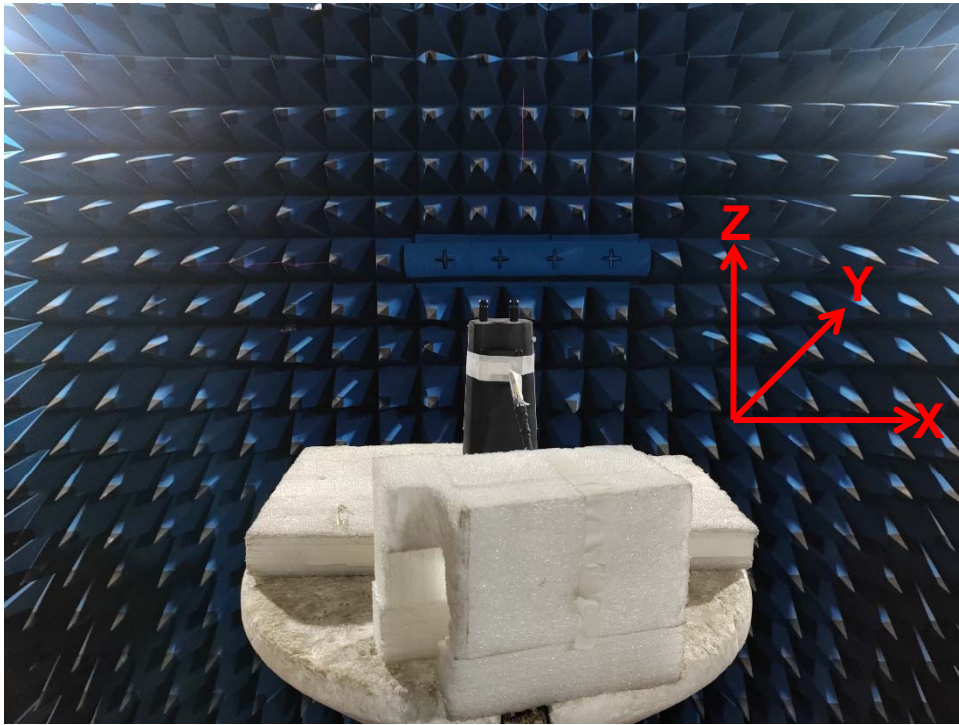
**Agilent  
E5071B**



**S  
Parameter  
Test //  
BT  
Antenna**



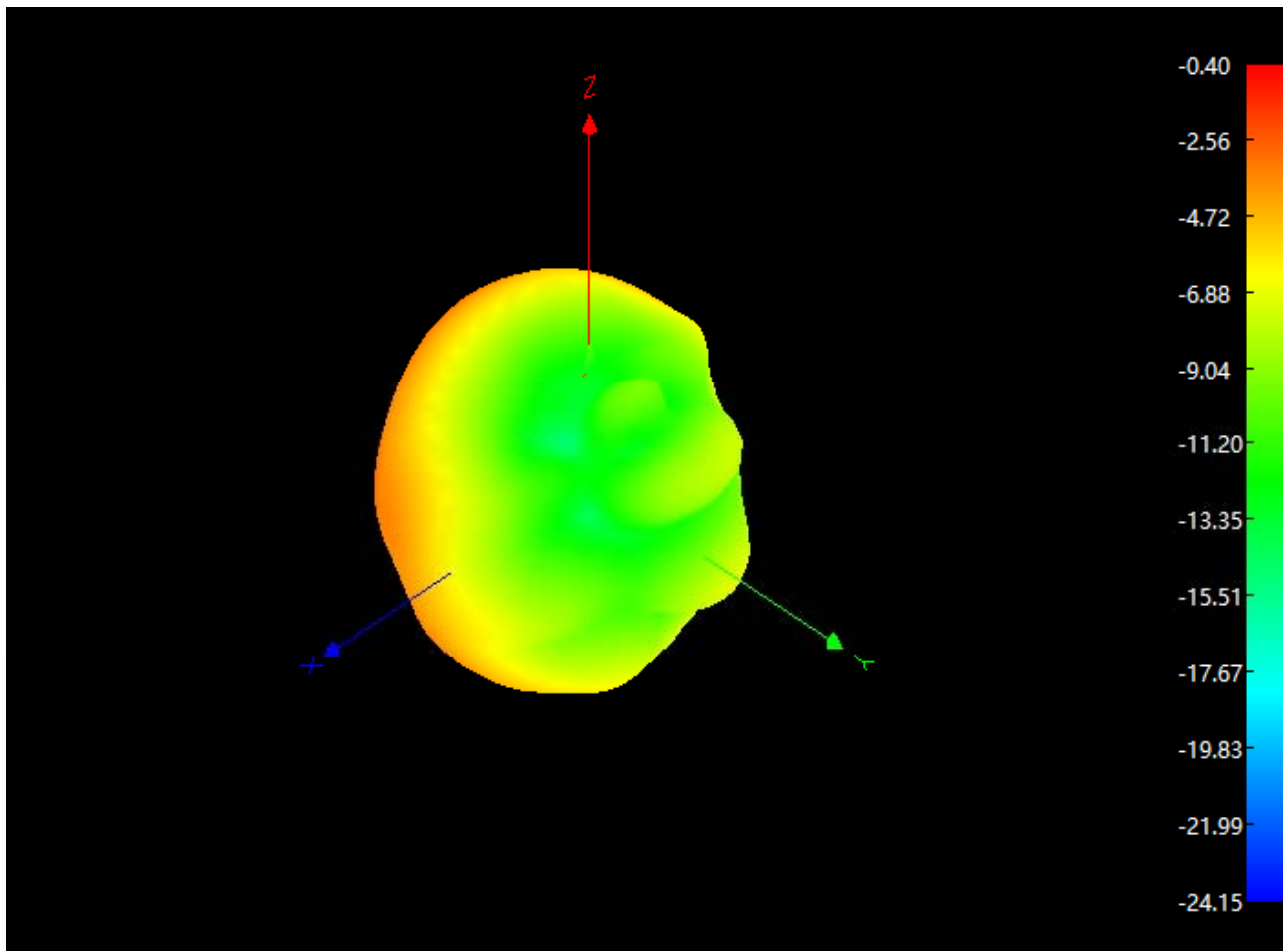
## *Antenna Passive Test*



## Passive Test

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
|---------------|-------------|--------------|---------------|
| 2400          | 53.5        | -2.7         | 0.8           |
| 2410          | 53.7        | -2.7         | 0.8           |
| 2420          | 54.0        | -2.7         | 0.9           |
| 2430          | 54.1        | -2.7         | 0.9           |
| 2440          | 54.2        | -2.7         | 0.9           |
| 2450          | 54.5        | -2.6         | 1.0           |
| 2460          | 54.4        | -2.6         | 0.9           |
| 2470          | 54.1        | -2.7         | 0.9           |
| 2480          | 54.1        | -2.7         | 0.9           |
| 2490          | 53.7        | -2.7         | 0.8           |
| 2500          | 53.6        | -2.7         | 0.8           |

## Radiation Pattern



*Antenna*

