

## 承 认 书

### SPECIFICATION APPROVAL SHEET

客 户 :  
CUSTOMER \_\_\_\_\_

客 户 料 号 :  
CUS PART NO \_\_\_\_\_

版 次 :  
REV X1

品 名 / 规格 :  
SPECIFICATION \_\_\_\_\_

RF Antenna(White)  
915MHz Antenna (SMA母针)

单 重 :  
weight \_\_\_\_\_

供 方 料 号 :  
SUP PART NO \_\_\_\_\_

SLEingA100030138-F08

日 期 :  
DATE \_\_\_\_\_

2022.09.06



厂 商 核 准 :  
SUP APPROVED

| 核准<br>APPROVED | 审核<br>CHECKED | 品保审核<br>QA CHECKED | 承办<br>DESIGNED |
|----------------|---------------|--------------------|----------------|
| 王 王 凡          | H 王 H         | LSY                | W 王            |

客 户 核 准 :  
CUS APPROVED

| 核准<br>APPROVED | 审核<br>CHECKED | 品保审核<br>QA CHECKED | 承办<br>DESIGNED |
|----------------|---------------|--------------------|----------------|
|                |               |                    |                |

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正本由承办单位保存



承认书项目表List of recognition items

|    | 项目project                          | 附件资料<br>data             |                          | 备注remarks |
|----|------------------------------------|--------------------------|--------------------------|-----------|
|    |                                    | Y                        | N                        |           |
| 1  | 承认书封面 (Spec Cover)                 | <input type="checkbox"/> | <input type="checkbox"/> |           |
|    | 客户满意度 (Customer satisfaction)      | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 2  | 承认书项目表 (Spec Item )                | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 3  | 工程成品图 (Drawing)                    | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 4  | 电性测试报告 (Test Reports )             | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 5  | S参数测试 (S Parameter)                | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 6  | 方向图(Patten)/测试效率 (Test Efficiency) | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 7  |                                    | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 8  |                                    | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 9  |                                    | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 10 |                                    | <input type="checkbox"/> | <input type="checkbox"/> |           |
| 11 |                                    | <input type="checkbox"/> | <input type="checkbox"/> |           |
|    |                                    |                          |                          |           |





## 电性测试报告 Test Reports

| Electrical Properties |                  |
|-----------------------|------------------|
| Frequency             | 915MHz           |
| Impedance             | 50 Ohm Nominal   |
| V.S.W.R               | $\leq 3.0$       |
| Return Loss           | -6 dB Max        |
| Radiation             | Omni-directional |
| Gain (Peak)           | 2 dBi            |
| Polarization          | Linear, Vertical |
| Admitted Power        | 2 W              |
| Connector             | SMA              |
|                       |                  |
| Physical Properties   |                  |
| Antenna Material      | TPEE/PC/PBT      |
| Antenna Color .       | White            |
| Cable Type            | RG-178           |
| Operating Temp        | -40 ~ +85 °C     |
| Storage Temp          | -40 ~ +85 °C     |

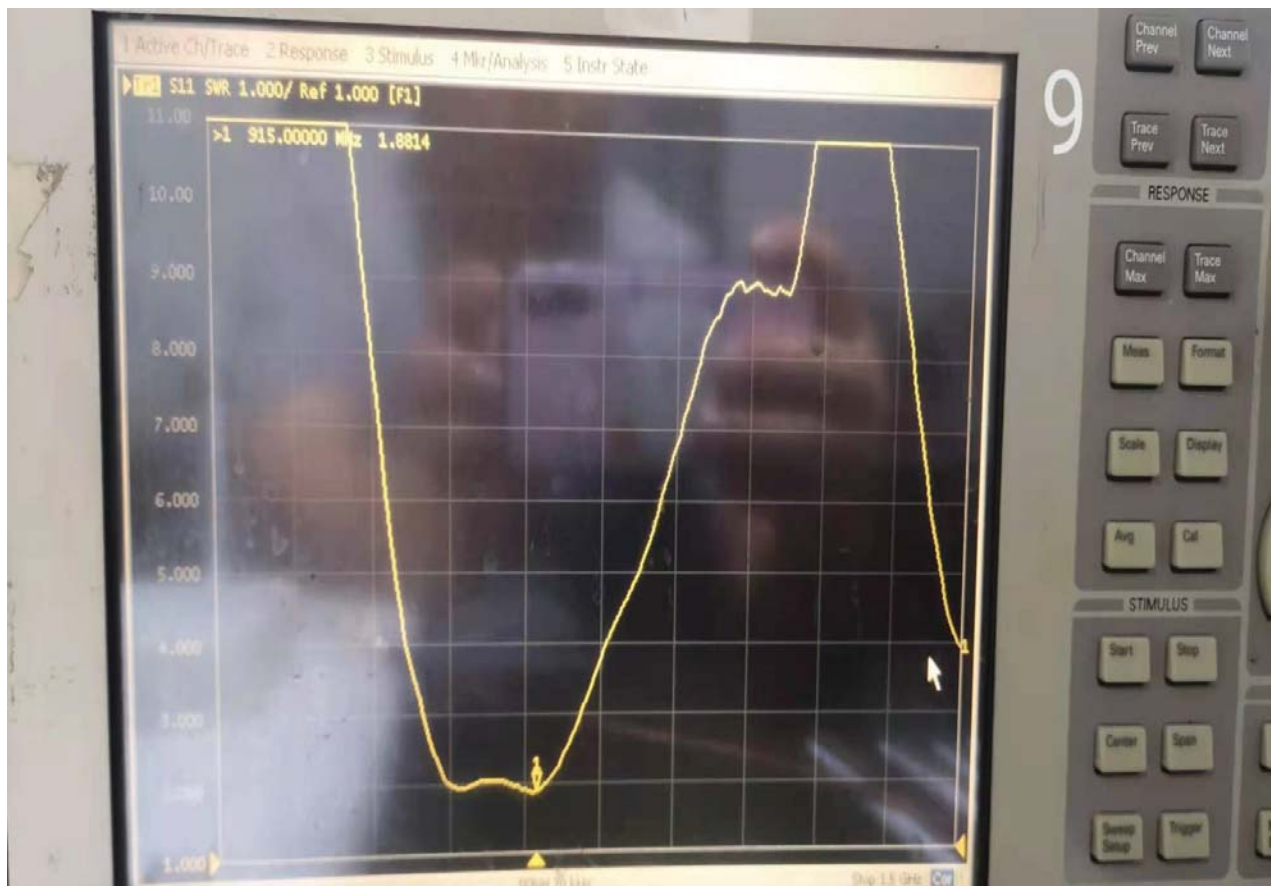
# S 参数测试

## S Parameter Test

Agilent E5071C Network Analyzer

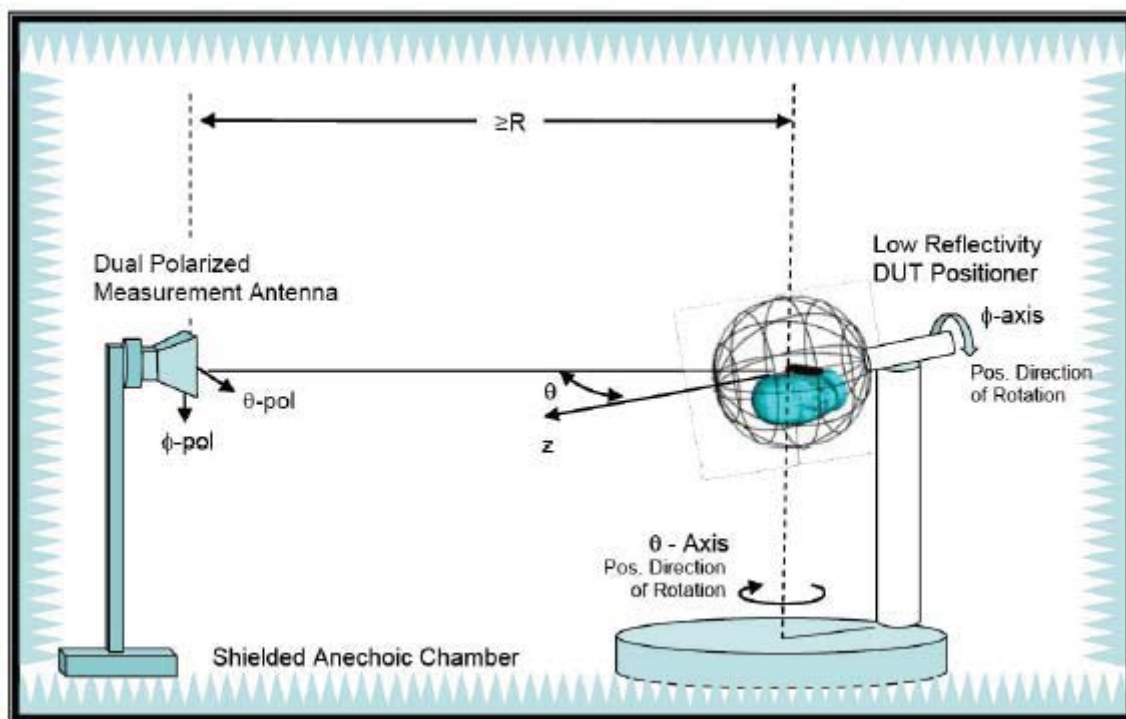
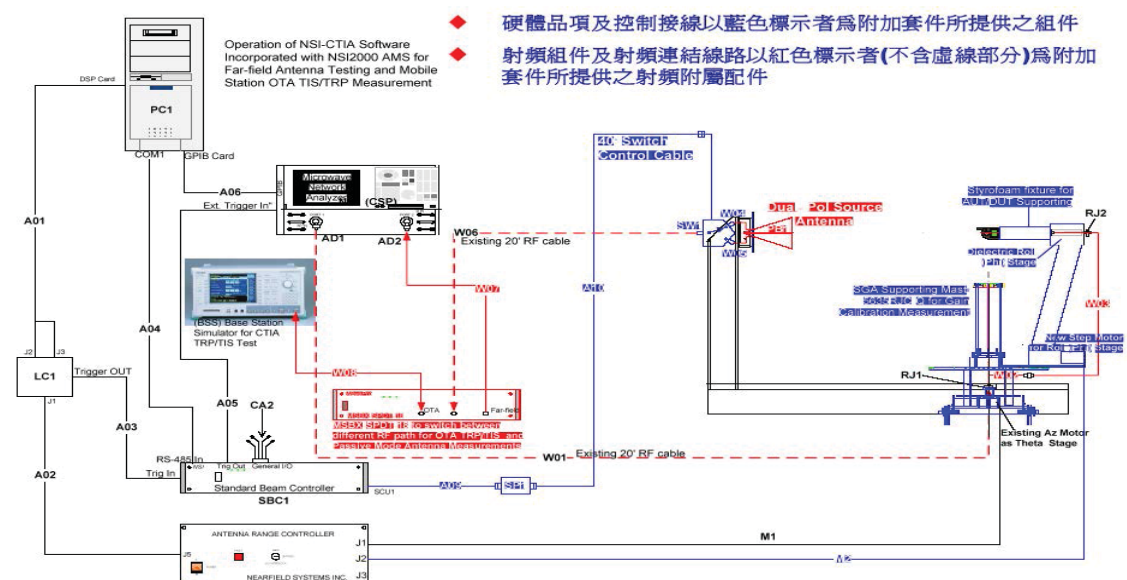


RF Antenna (NO. 1)



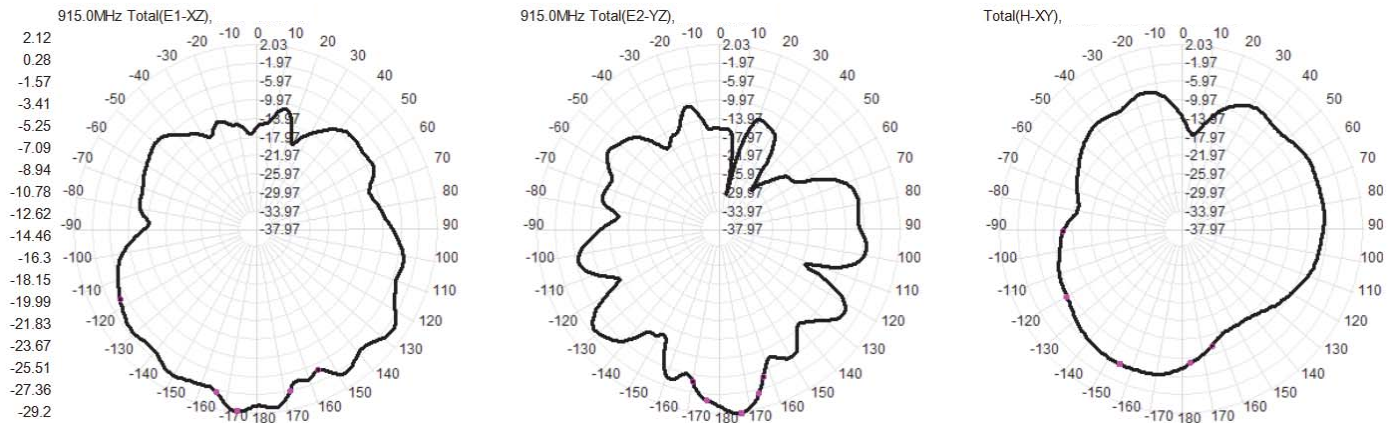
# 测试设备 Test Setup

## NFC-500S 3D Chamber Coordinate System Definition



## 方向图 Pattern

### 1.3 2D Radiation patterns test results (Passive Antenna)



### 1.5 3D Radiation patterns test results (Passive Antenna)

#### 3D

