

# TIANLUTONG Antenna Test Report

**Customer: C&Q Technology (Guangzhou) Co.,Ltd**

**Project: AZ51**

**VERSIONS:**

**Testing Date: 2022-10-10**

## 1.TheEquipmentofActiveTest

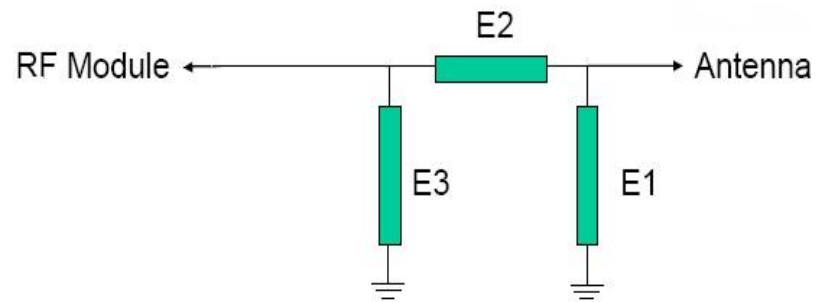
1. ETS Chamber  $7 \times 4 \times 3$  (m)

2. 8960

3. Network analyzer-R&S ZVL



## 2. Matching Circuit (The original match)



| Element  |   |
|----------|---|
| E1(0402) | - |
| E2(0402) | - |
| E3(0402) | - |
|          |   |

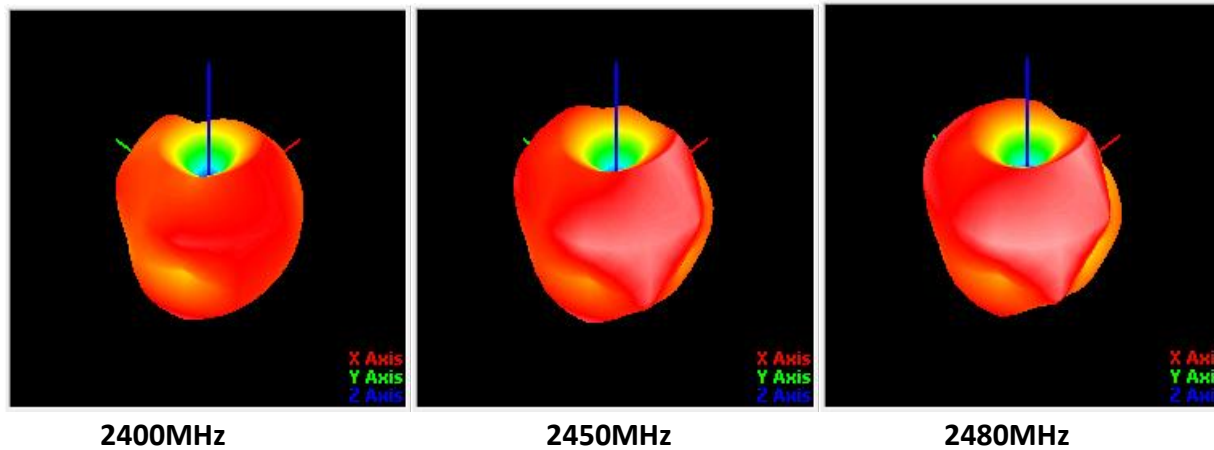
### 3. WIFI TEST

#### 3.1 WIFI Gain Efficiency

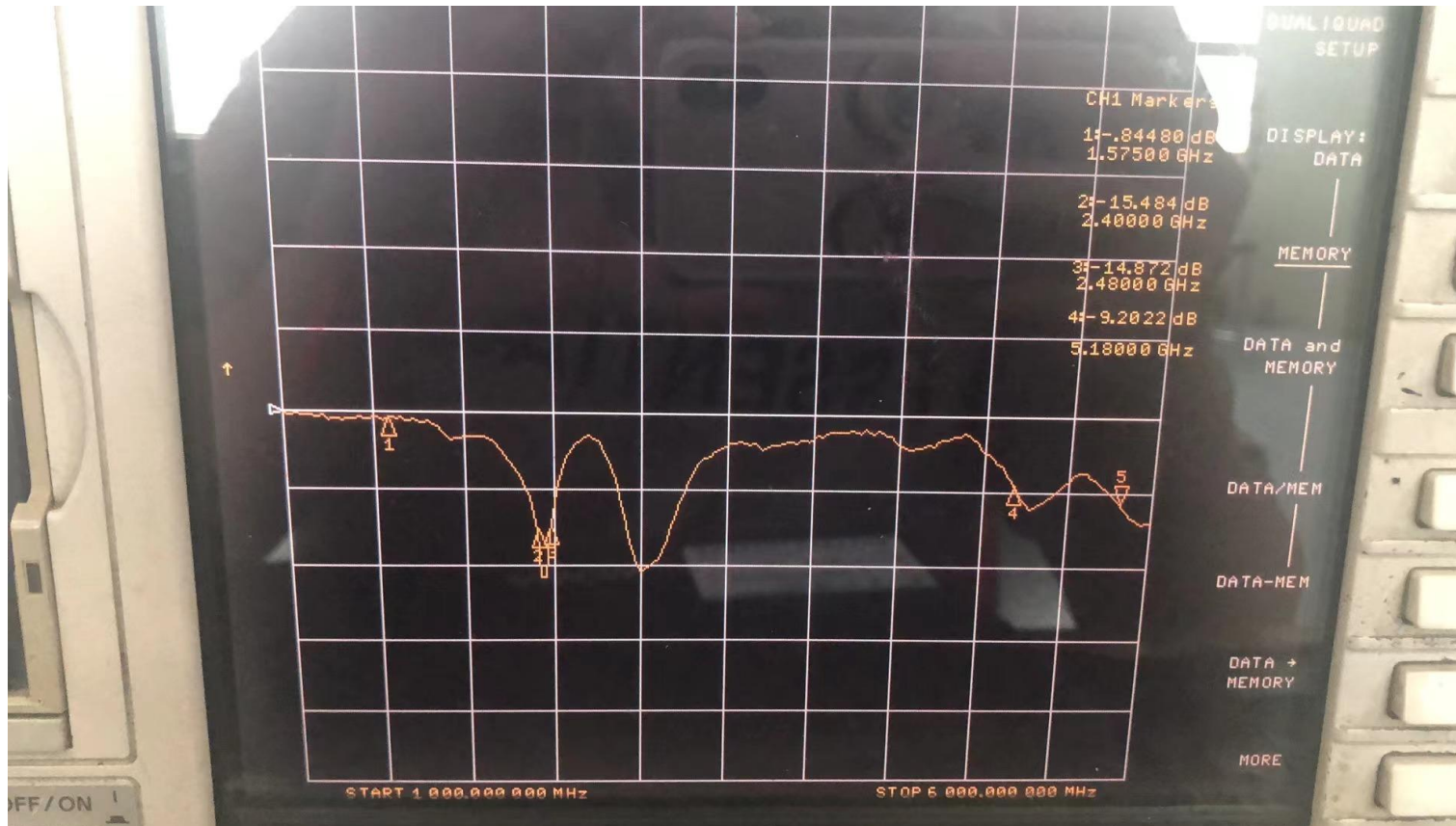
|                 |       |      |
|-----------------|-------|------|
| Frequency (GHz) | 2.40G | BT   |
| Gain (dBi)      | 2.0   | 2.0  |
| Efficiency (%)  | 47.3  | 47.3 |

#### 3.2 WIFI Gain Efficiency3D Pattern

WIFI 2.4G



### 3.3 Antenna loss drawing



### 3.4 Antenna in wave diagram



## 4. Antenna 2D File

