

# Antenna test report

|                        |  |
|------------------------|--|
| <b>Test Laboratory</b> | Dongguan Yijia Electronic Co., LTD   |
| <b>Address</b>         | No. 59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan<br>City, Guangdong Province |
| <b>Contact:</b>        | Mr. Gan 13823198410  |
| <b>Model</b>           | H7063  |

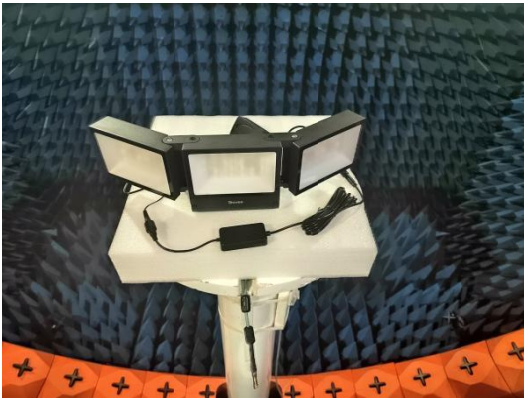
## 1. Test procedures

| Name                         | Parameter            | Method   | Standard No.           |
|------------------------------|----------------------|--|------------------------|
| Mobile communication antenna | VSWR                 | Generic specification for antennas used in the mobile communications | GB/T 9410-2008         |
|                              | Antenna Gain         |  |                        |
|                              | Radiation pattern    |  |                        |
| Antenna                      | Radiation efficiency | IEEE Standard Test Procedures for Antennas                           | ANSI/IEEE Std 149-1979 |

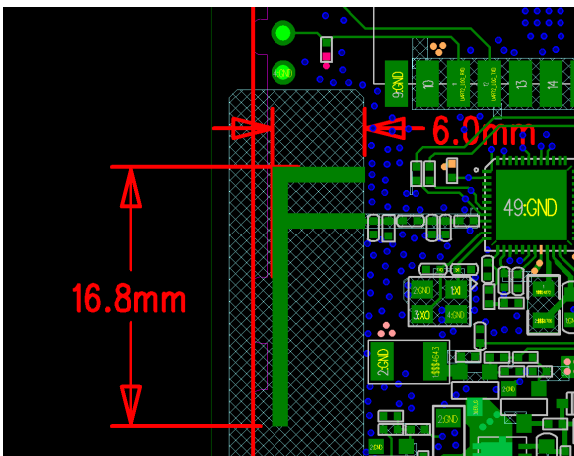
## 2. Test Equipment

| Equipment                           | Model No.  | Serial No. | Manufacture     | Calibration Date | Next calibration Date |
|-------------------------------------|--|------------|-----------------|------------------|-----------------------|
| 24 probe Microwave chamber          | MPS2450 Multi-probe OTA measurements systems 5*5*5 | YJ-PB-F01  | XH-IOE          | 2023.09.01       | 2024.09.01            |
| Network Analyzer                    | ZVB8   | YJ-RD-15   | ROHDE & SCHWARS | 2023.08.25       | 2024.08.25            |
| Wideband radio Communication tester | CMW500   | YJ-RD-16   | ROHDE & SCHWARS | 2023.08.25       | 2024.08.25            |

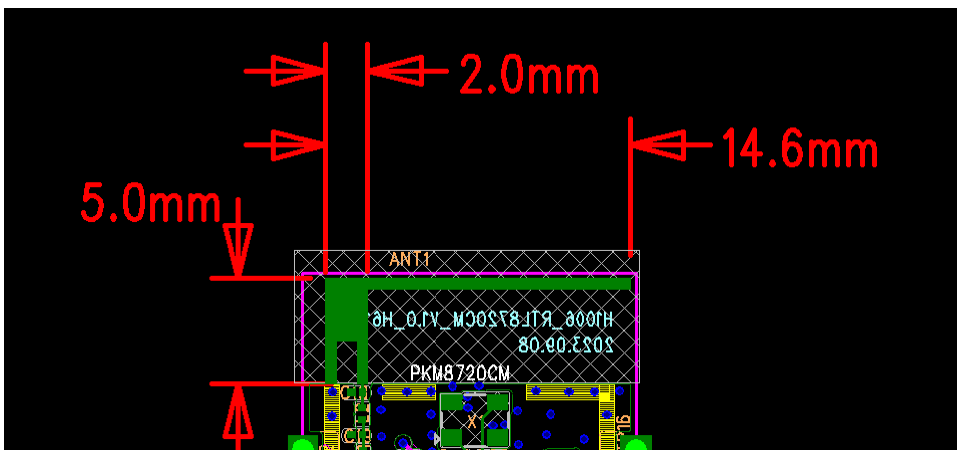
### 3. DUT Setup Photo



### 4. Bluetooth Antenna Physical Size



### 5. WIFI Antenna Physical Size

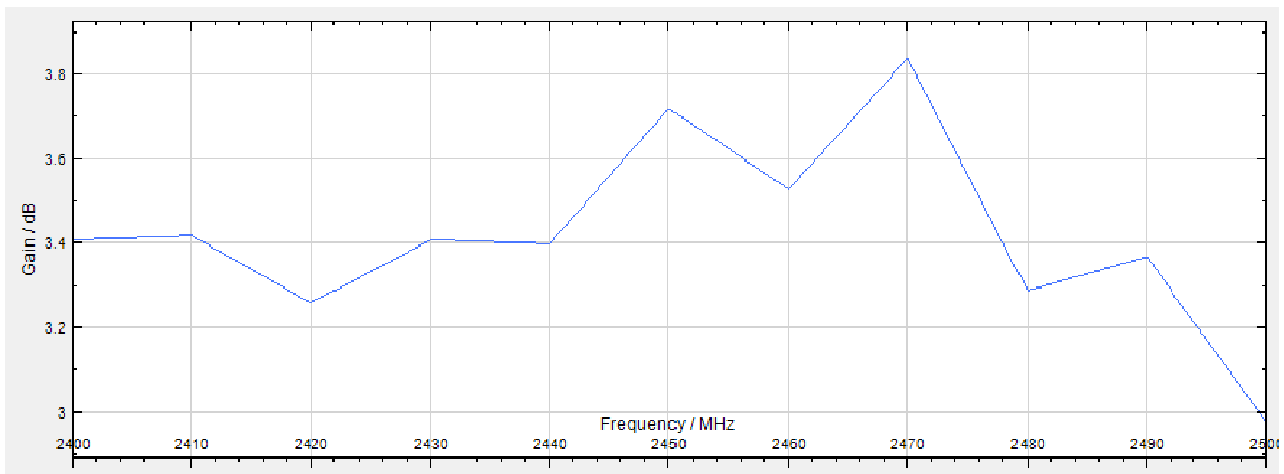


## 6. Bluetooth & WiFi Antenna Type & Gain

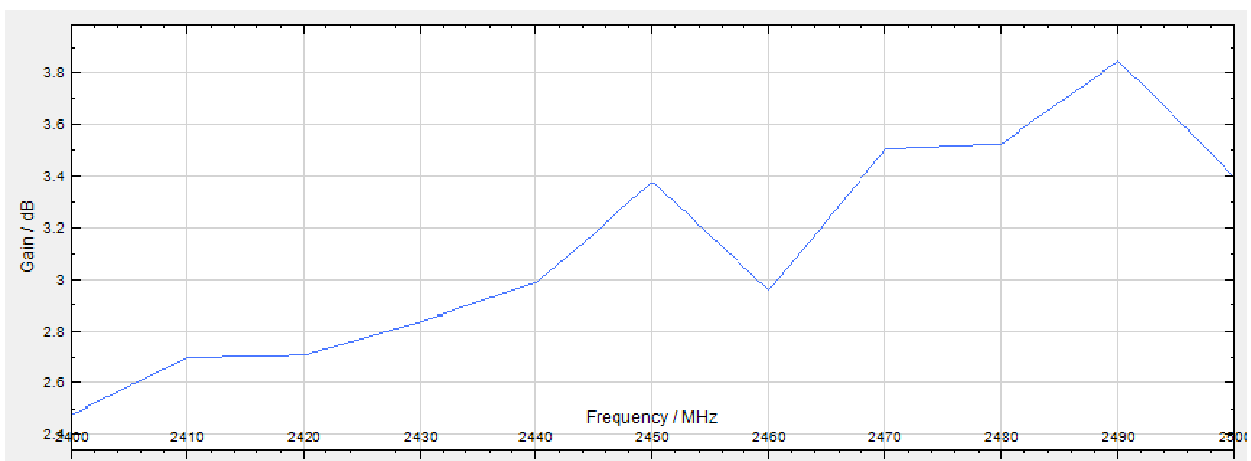
Type: PCB

| Frequency / MHz | BT Gain/ dBi | WiFi Gain/ dBi |
|-----------------|--------------|----------------|
| 2400            | 3.41         | 2.48           |
| 2410            | 3.42         | 2.7            |
| 2420            | 3.26         | 2.71           |
| 2430            | 3.41         | 2.84           |
| 2440            | 3.4          | 2.99           |
| 2450            | 3.72         | 3.38           |
| 2460            | 3.53         | 2.96           |
| 2470            | 3.84         | 3.51           |
| 2480            | 3.29         | 3.53           |
| 2490            | 3.37         | 3.85           |
| 2500            | 2.98         | 3.4            |

BT:

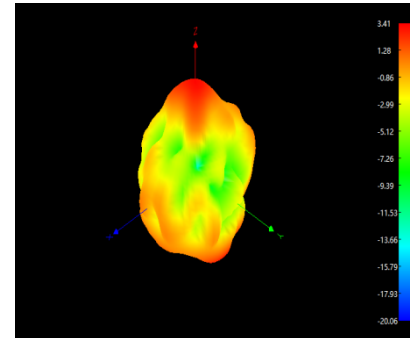
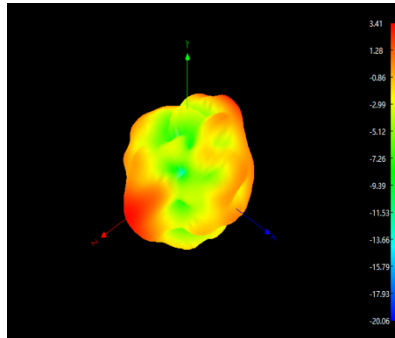
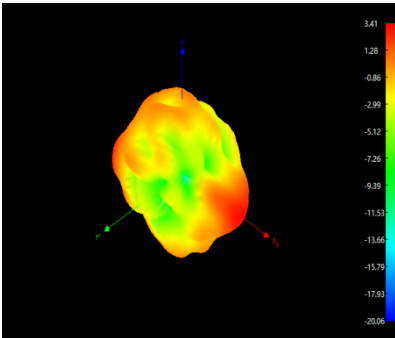


WiFi:

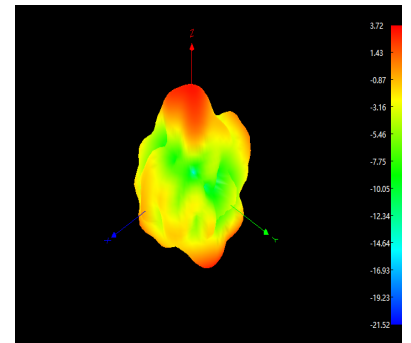
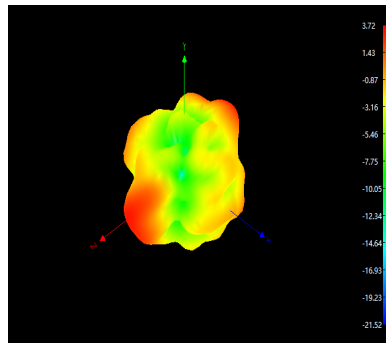
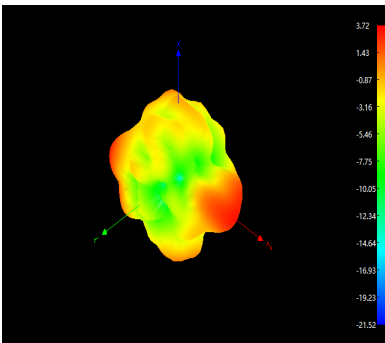


## 7. Bluetooth Antenna Pattern Picture

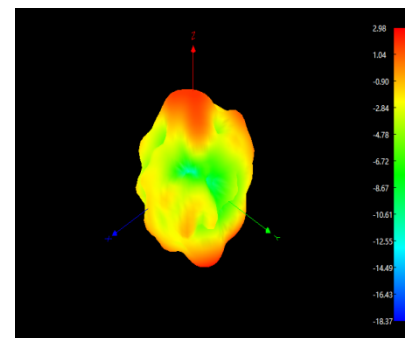
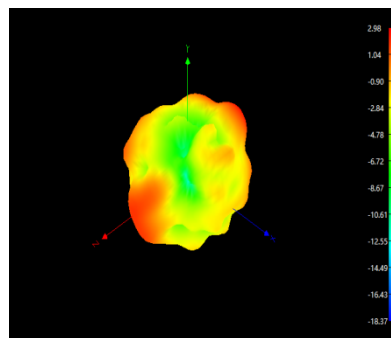
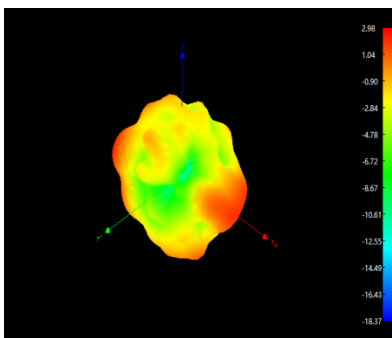
2400MHz



2450MHz

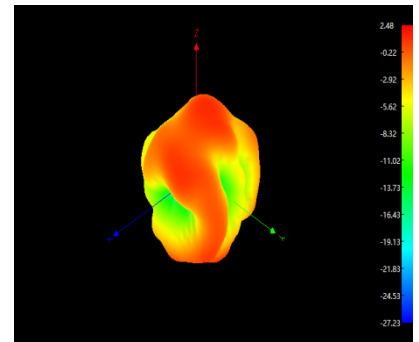
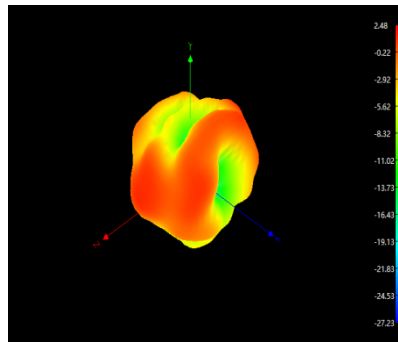
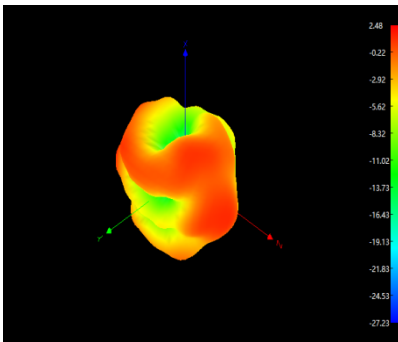


2500MHz

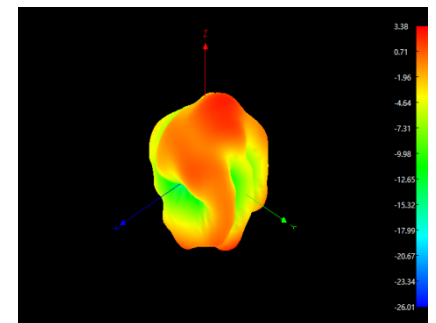
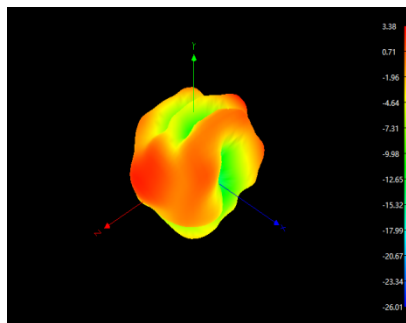
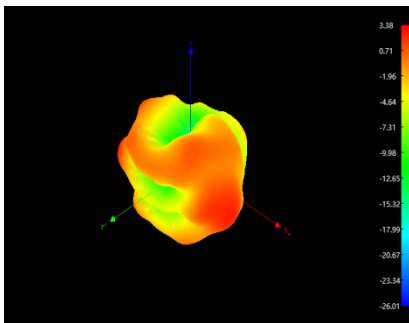


## 8. WiFi Antenna Pattern Picture

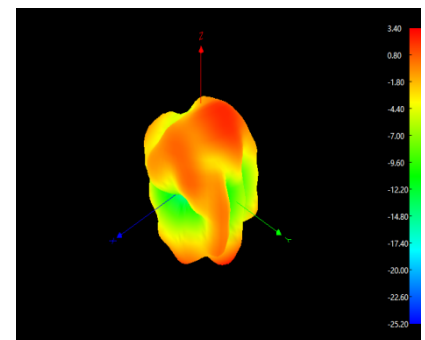
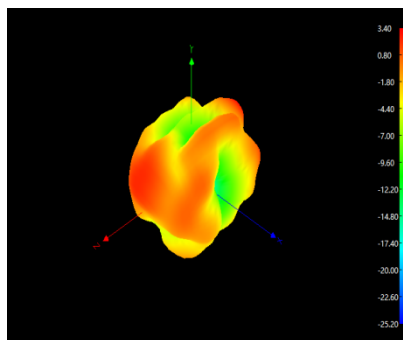
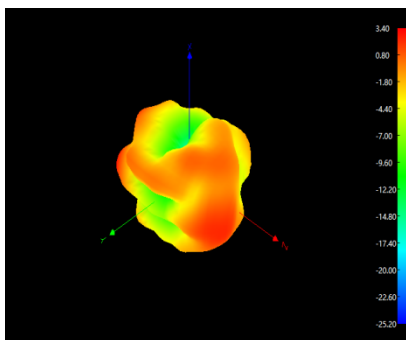
2400MHz



2450MHz



2500MHz



Tester by: Wu xianming

Wu Xianming