

## 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 City, Guangdong Province |
| <b>Contact:</b>        | Mr. Gan 13823198410                                                                   |
| <b>Model</b>           | H7151                                                                                 |

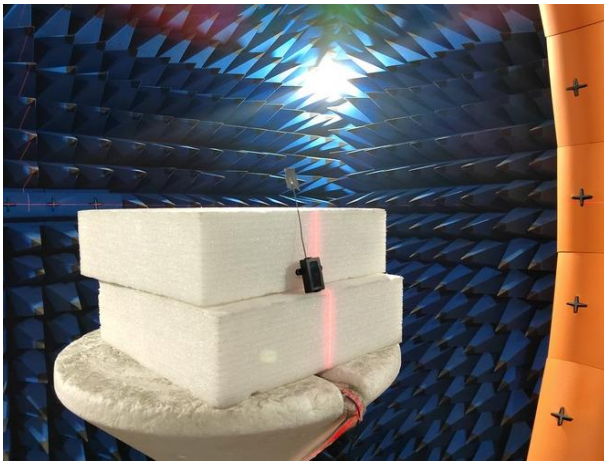
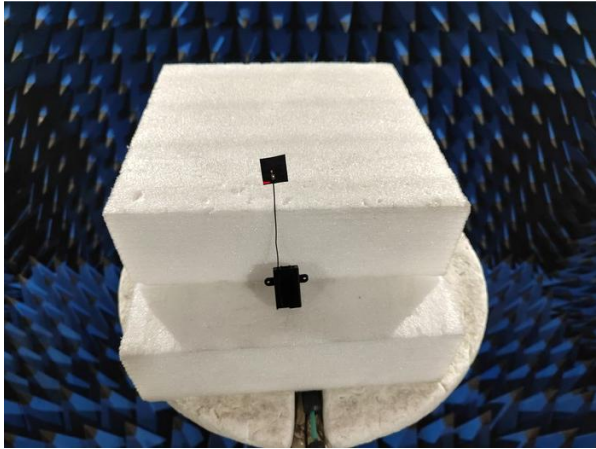
### 1. Test procedures

| Name                         | Parameter            | Method                                                               | Standard No.           |
|------------------------------|----------------------|----------------------------------------------------------------------|------------------------|
| Mobile communication antenna | VSWR                 | Generic specificaiton 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 |

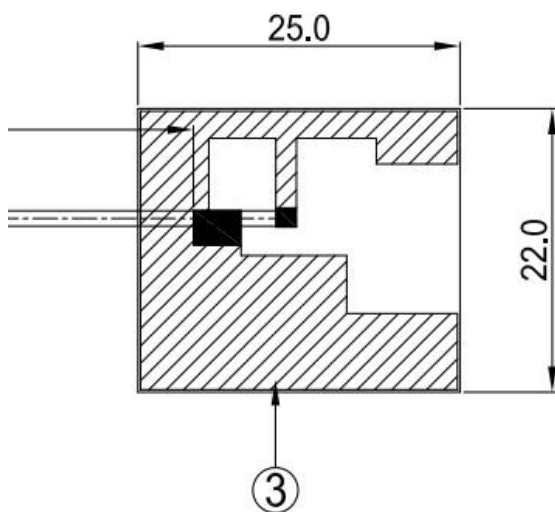
### 2. Test Equipment

| Equipment                           | Model No.                                         | Serial No. | Manufacture     | Calibration Date | Next calibration Date |
|-------------------------------------|---------------------------------------------------|------------|-----------------|------------------|-----------------------|
| 24 probe Microwave chamber          | MPS2450 Multi-probe OTA measurement systems 5*5*5 | YJ-PB-F01  | XH-IOE          | 2022.09.01       | 2023.09.01            |
| Network Analyzer                    | ZVB8                                              | YJ-RD- 15  | ROHDE& SCH WARS | 2022.08.25       | 2023.08.25            |
| Wideband radio Communication tester | CMW500                                            | YJ-RD- 16  | ROHDE& SCH WARS | 2022.08.25       | 2023.08.25            |

### 3. DUT Setup Photo



### 4. Bluetooth & Wi-Fi Antenna Physical Size

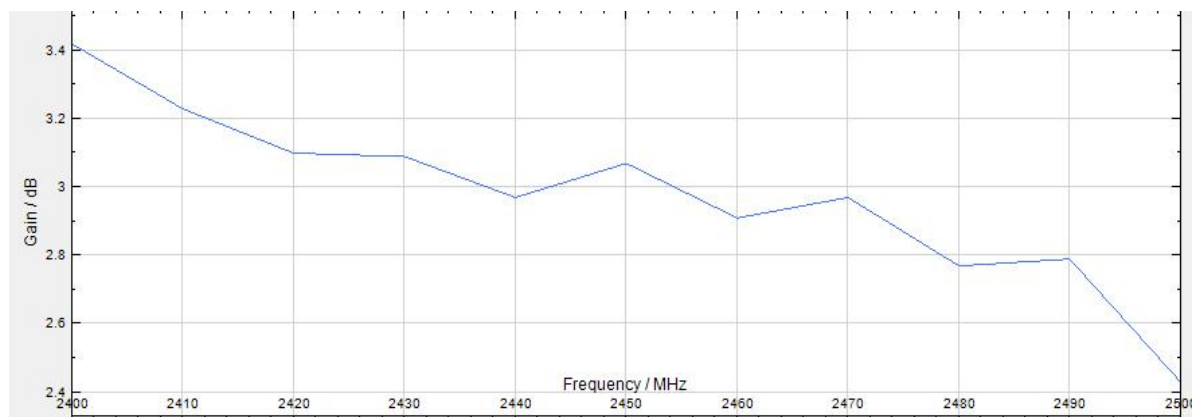


### 5. Bluetooth & Wi-Fi Antenna Type & Gain

Type: FPC Antenna

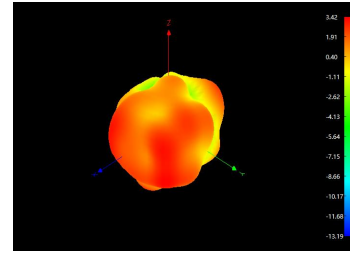
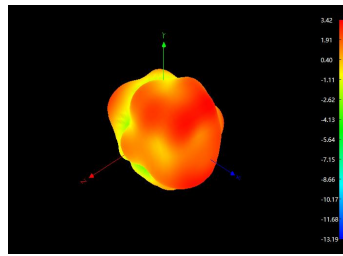
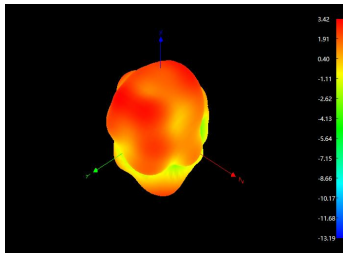
| Frequency / MHz | Gain/ dBi |
|-----------------|-----------|
| 2400            | 3.42      |
| 2410            | 3.23      |

|      |      |
|------|------|
| 2420 | 3.1  |
| 2430 | 3.09 |
| 2440 | 2.97 |
| 2450 | 3.07 |
| 2460 | 2.91 |
| 2470 | 2.97 |
| 2480 | 2.77 |
| 2490 | 2.79 |
| 2500 | 2.43 |

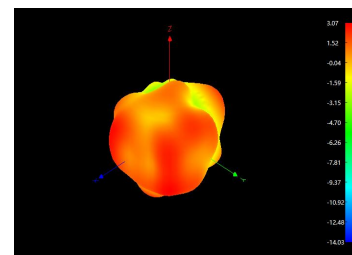
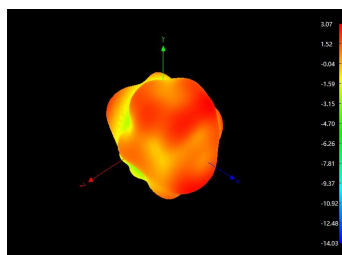
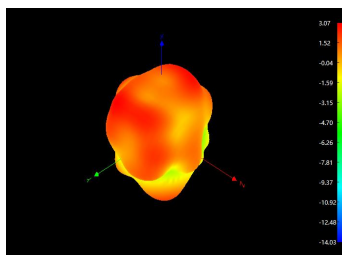


## 6. Antenna Patten Picture

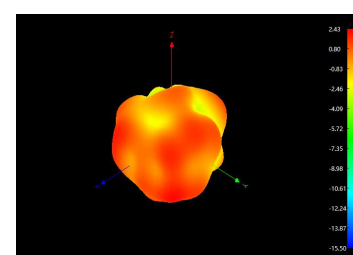
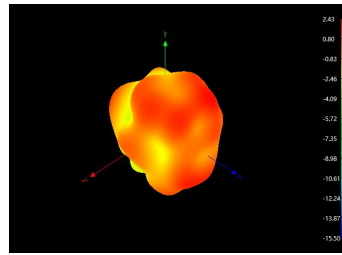
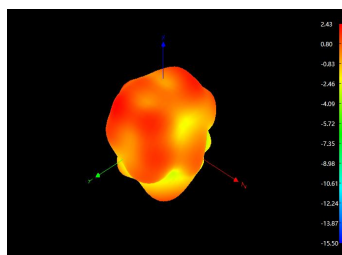
2400MHz



2450MHz



2500MHz



Tester by: Wu xianming

Wu Xianming