

## Antenna Specification

|                 |                                                                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Laboratory | Dongguan Yijia Electronic Co., LTD                                                                                                                         |
| Address         | No. 59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City, Guangdong Province                                                                      |
| Contact:        | Mr. Gan 13823198410                                                                                                                                        |
| Model           | H6008                                                                                                                                                      |
| Manufacturer    | Shenzhen Intellirocks Tech. Co., Ltd.                                                                                                                      |
| Address         | No.2901-2904,3002, Block C, Section 1,Chuangzhi Yuncheng Building,<br>Liuxian Avenue, Xili Community, Xili Street, Nanshan District,<br>Shenzhen,<br>China |

### 1. Test procedures

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

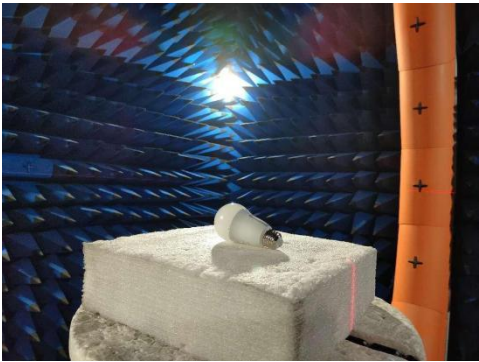
| Equipment                  | Model No.                                            | Serial No. | Manufacture | Calibration Date | Next calibration Date |
|----------------------------|------------------------------------------------------|------------|-------------|------------------|-----------------------|
| 24 probe Microwave chamber | MPS2450 Multi-probe OTA measurement systems<br>5*5*5 | YJ-PB-F01  | XH-IOE      | 2024.09.01       | 2025.09.01            |

|                                           |        |           |                    |            |            |
|-------------------------------------------|--------|-----------|--------------------|------------|------------|
| Network Analyzer                          | ZVB8   | YJ-RD- 15 | ROHDE& SCH<br>WARS | 2024.08.25 | 2025.08.25 |
| Wideband radio<br>Communication<br>tester | CMW500 | YJ-RD- 16 | ROHDE& SCH<br>WARS | 2024.08.25 | 2025.08.25 |

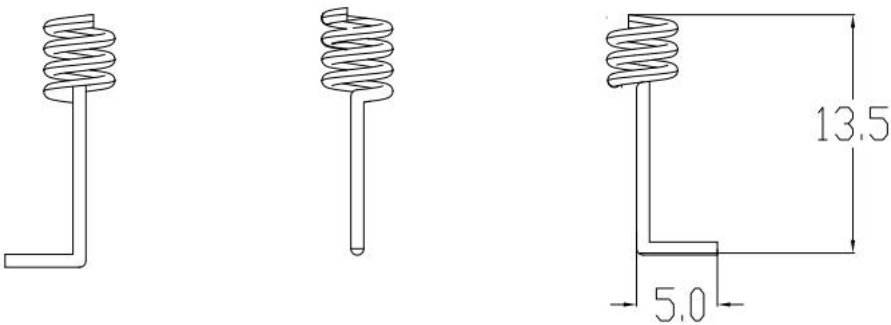
The uncertainty was calculated on the basis of the GUM published by ISO, using the inclusion factor of K=2 and the 95% confidence level to express the extended uncertainty.

| Item                 | uncertainty |
|----------------------|-------------|
| Antenna gain         | ±1dB        |
| Radiation efficiency | ±10%        |

### 3. DUT Setup Photo



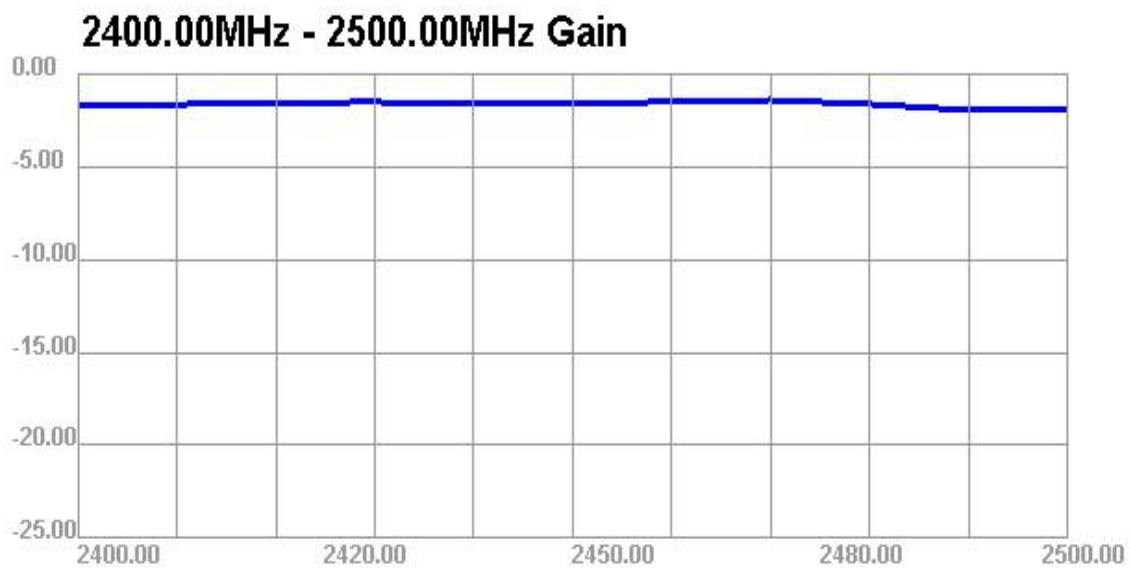
### 4. Antenna Physical Size (mm)



## 5. Antenna Type & Gain

Type: Metal Antenna

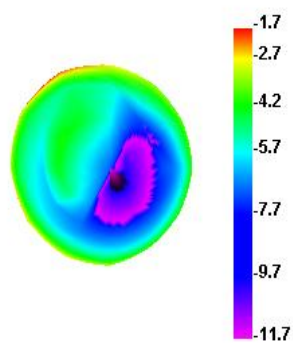
| Frequency / MHz | Gain/ dBi |
|-----------------|-----------|
| 2400            | -1.7      |
| 2410            | -1.65     |
| 2420            | -1.55     |
| 2430            | -1.52     |
| 2440            | -1.62     |
| 2450            | -1.56     |
| 2460            | -1.51     |
| 2470            | -1.41     |
| 2480            | -1.63     |
| 2490            | -1.96     |
| 2500            | -1.87     |



## 6. Antenna Pattern Picture

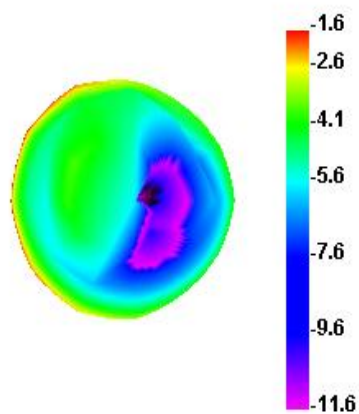
2400MHz

2400.000MHz



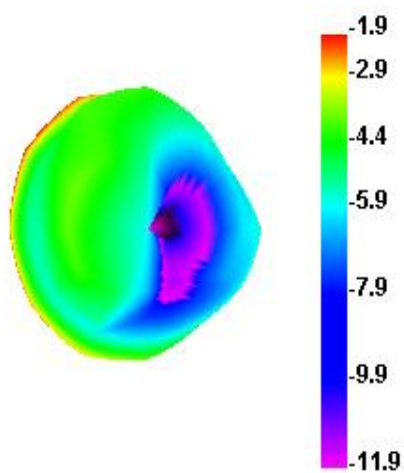
2450MHz

2450.000MHz



2500MHz

2500.000MHz



Tester by: Wu xianming

Wu Xianming