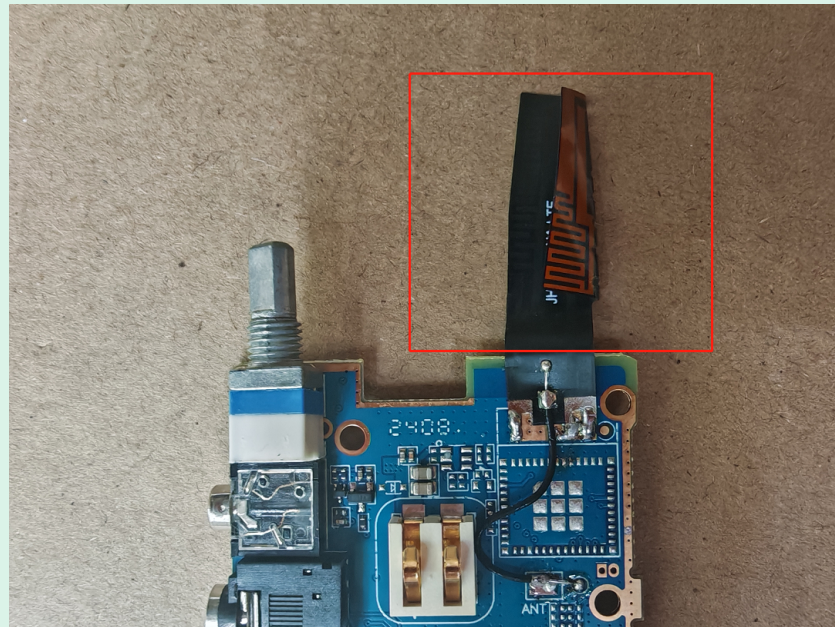


# Antenna Report

LianYiTong

ADD:4th Floor, No. 132, Xiamei Village, Xiamei Town, Nanan City, Quanzhou City, Fujian Province

Model:T828



# Test equipment



**SATIMO-24**



**ETS**



**8960**



**MT8820C**



**CMW500**



**E5071C**

test system

testing environment

Active test

Passive testing

SATIMO—24

temperature:  $22^{\circ}\text{C} \pm 3^{\circ}\text{C}$

2G/3G/4G

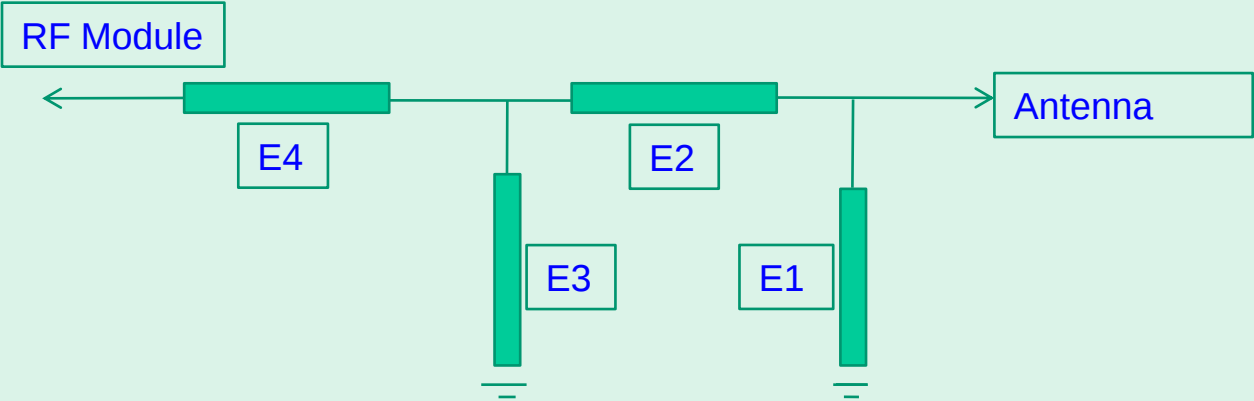
400MHZ——6G

ETS

humidity:  $50\% \pm 15\%$

BT/WIFI/GPS

building-out circuit



| main antenna |       | diversity antenna |       | Three-in-one antenna |       |
|--------------|-------|-------------------|-------|----------------------|-------|
| Element      | Value | Element           | Value | Element              | Value |
| E1(0201)     |       | E1(0201)          |       | E1(0201)             |       |
| E2(0201)     |       | E2(0201)          |       | E2(0201)             |       |
| E3(0201)     |       | E3(0201)          |       | E3(0201)             |       |
| E4(0201)     |       | E4(0201)          |       | E4(0201)             |       |

| FDD | B1    |       |       | B2    |       |       | B3    |       |       | B4    |       |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CHN | 18050 | 18300 | 18550 | 18700 | 18900 | 19100 | 19250 | 19525 | 19900 | 20050 | 20175 | 20300 |
| TRP | 19.1  | 19.3  | 19.2  | 19.1  | 19.3  | 19.5  | 19.1  | 19.4  | 19.7  | 19.3  | 19.5  | 19.2  |
| TIS |       |       | -92.5 |       |       | -92.5 |       |       | -92.4 |       |       | -92.1 |

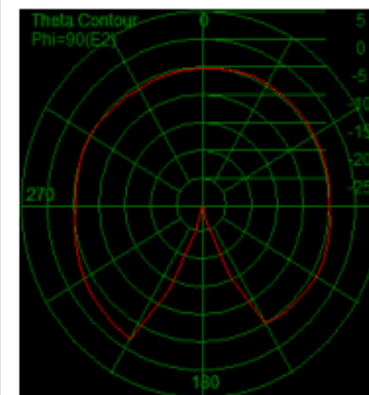
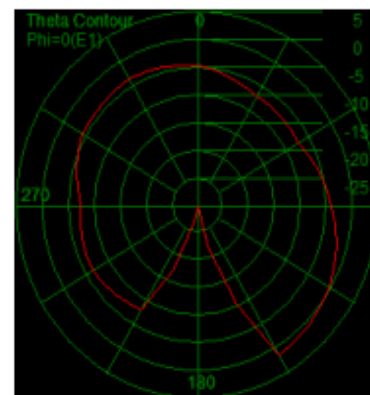
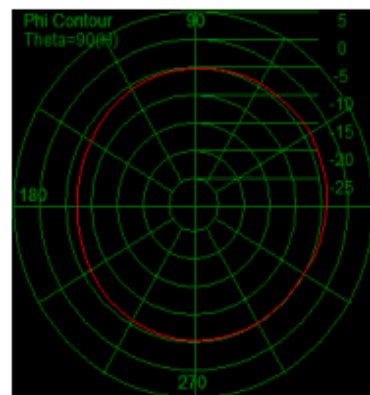
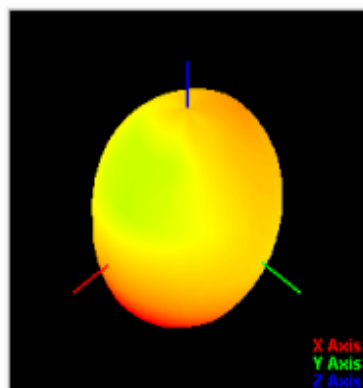
|     | B5    |       |       | B7    |       |       | B8    |       |       | B12   |       |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CHN | 20450 | 20525 | 20600 | 20800 | 21100 | 21400 | 21500 | 21625 | 21750 | 23060 | 23095 | 23130 |
| TRP | 19.1  | 18.5  | 18.3  | 19.2  | 19.4  | 19.1  | 18.1  | 18    | 17.8  | 18.2  | 18.3  | 18.5  |
| TIS |       |       | -90.7 |       |       | -92.8 |       |       | -90.1 |       |       | -90.2 |

|     | B13 |       |  | B17   |       |       | B66    |        |        |
|-----|-----|-------|--|-------|-------|-------|--------|--------|--------|
| CHN |     | 23230 |  | 23780 | 23790 | 23800 | 131972 | 132352 | 132671 |
| TRP |     | 19.2  |  | 18.2  | 18.3  | 18.1  | 19.1   | 19.3   | 19.2   |
| TIS |     | -90.7 |  |       |       | -90.4 |        |        | -92.4  |

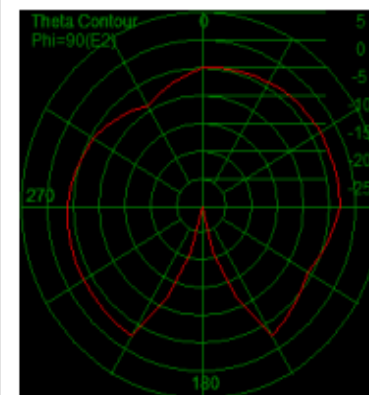
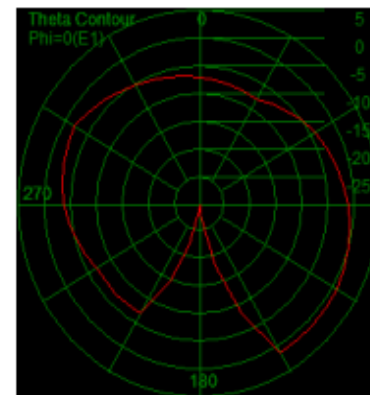
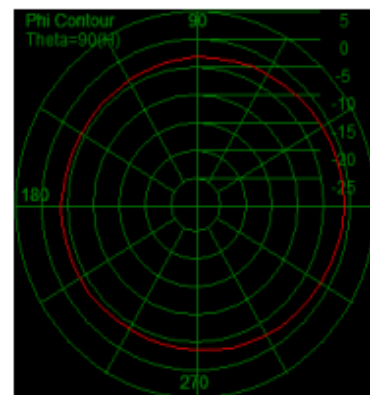
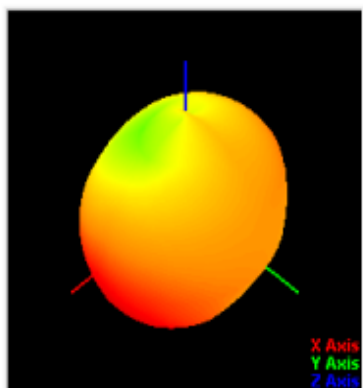
|     |       |       |       |       |       |       |       |       |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TDD | B38   |       |       | B40   |       |       | B41   |       |       |
| CHN | 37850 | 38000 | 38150 | 38750 | 39150 | 39550 | 40240 | 40620 | 41000 |
| TRP | 19.2  | 19.3  | 19.5  | 19.2  | 19.6  | 19.7  | 19.1  | 19.2  | 19    |
| TIS |       |       | -92.7 |       |       | -93.2 |       |       | -92.1 |

| frequency band |     | gain     |
|----------------|-----|----------|
| LTE            | B1  | 1.70 dBi |
|                | B2  | 1.70 dBi |
|                | B3  | 1.70 dBi |
|                | B4  | 1.70 dBi |
|                | B5  | 0.80 dBi |
|                | B7  | 1.80 dBi |
|                | B8  | 0.70 dBi |
|                | B12 | 0.60 dBi |
|                | B13 | 0.60 dBi |
|                | B17 | 0.60 dBi |
|                | B66 | 1.70 dBi |
|                | B38 | 1.80 dBi |
|                | B40 | 1.80 dBi |
|                | B41 | 1.80 dBi |

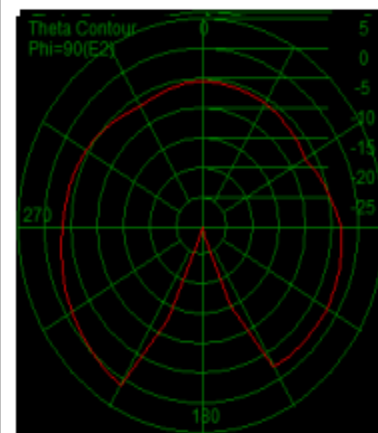
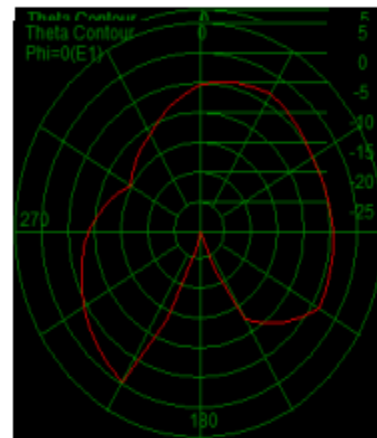
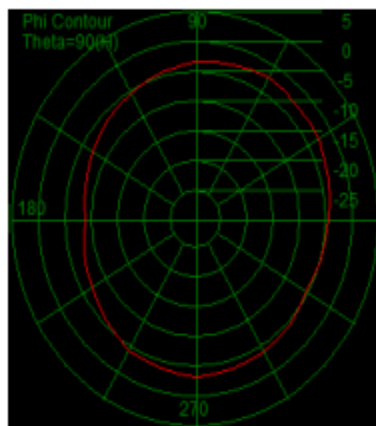
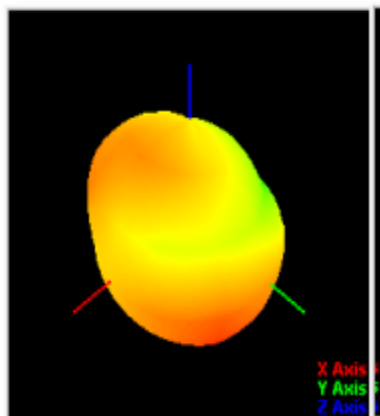
700 M



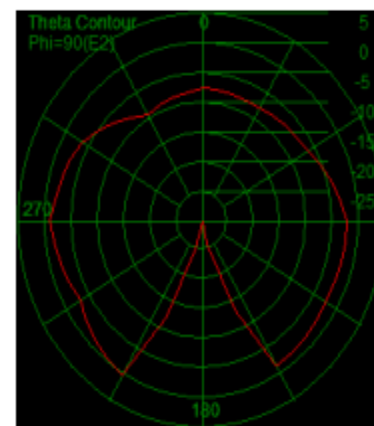
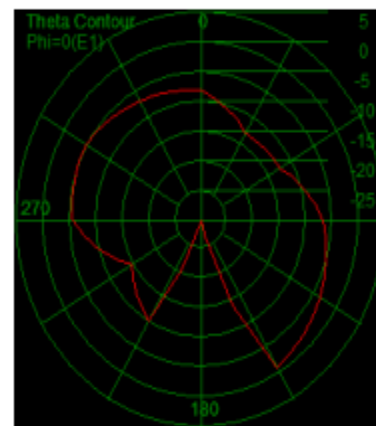
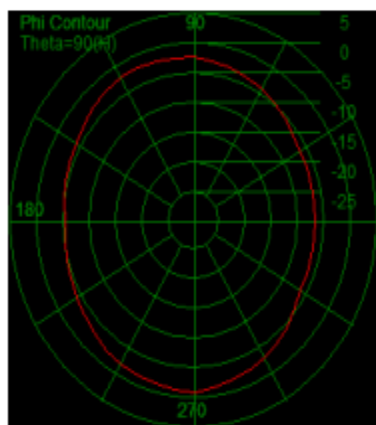
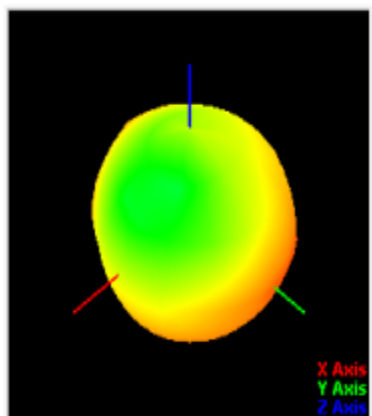
800 M



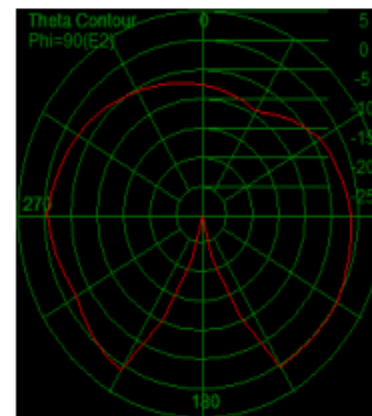
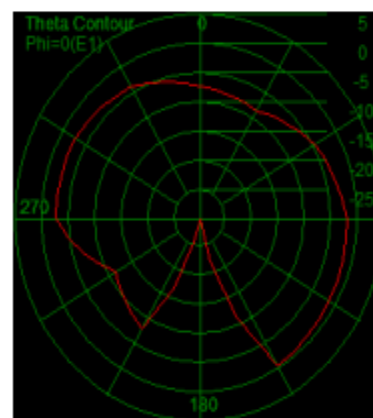
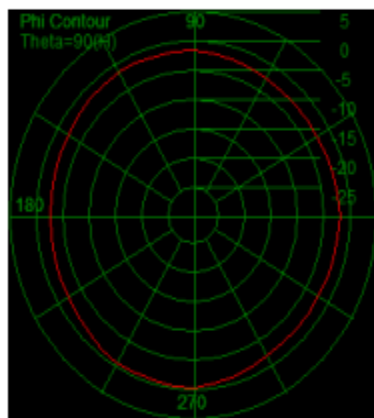
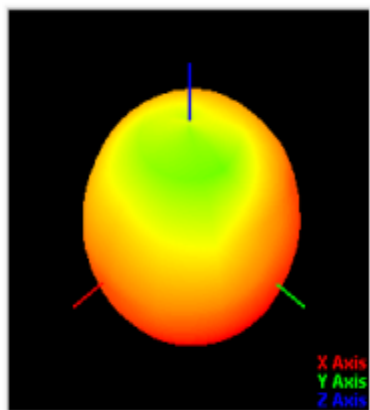
900 M



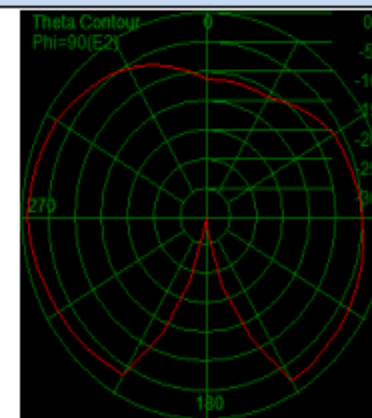
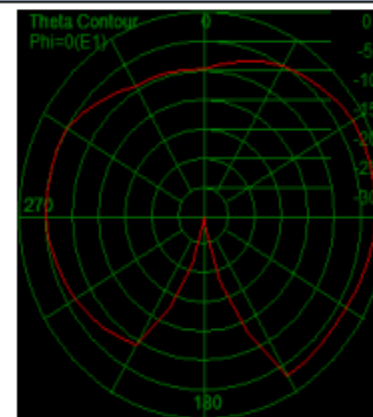
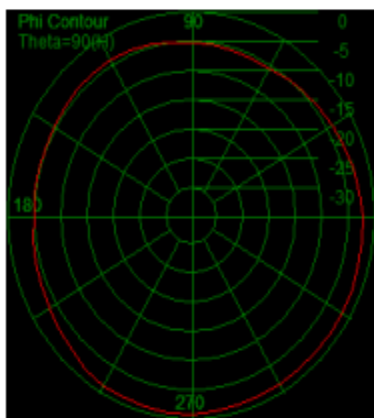
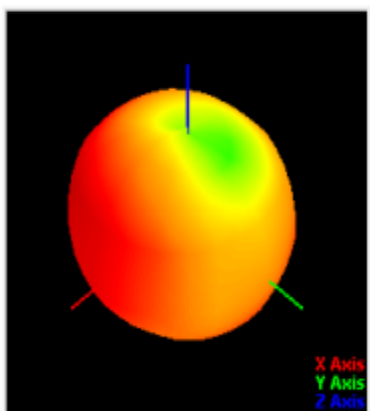
1700 M



1900 M



2300 M



2600 M

