

**Celero3 5G+ Antenna Report  
catalogue**

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Product Name: Smart Phone  
Model No.(EUT): Celero3 5G+  
Date of Receipt: 2023-08-30  
Date of Test: 2023-09-1 to 2023-09-5

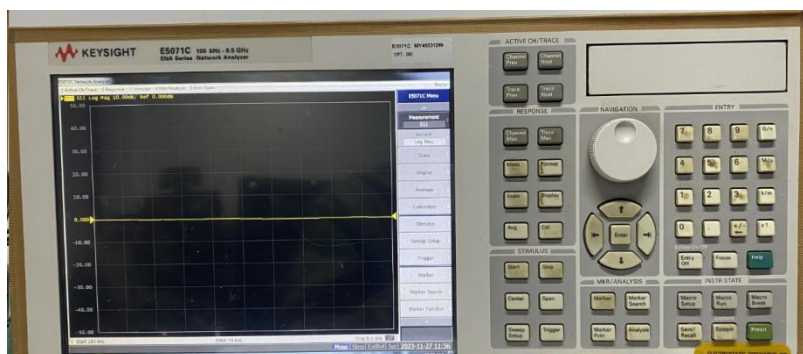
## 1. Capability Status

### a. WIFI hardware facilities for antenna WTT

Equipment introduction



GTS 2800



KEYSIGHT E5071C

## Welletronics Communication technology Co.,Ltd.

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b. Antenna Vendor

Welletronics Communication technology Co.,Ltd.

Website:<http://www.wtt-china.cn>

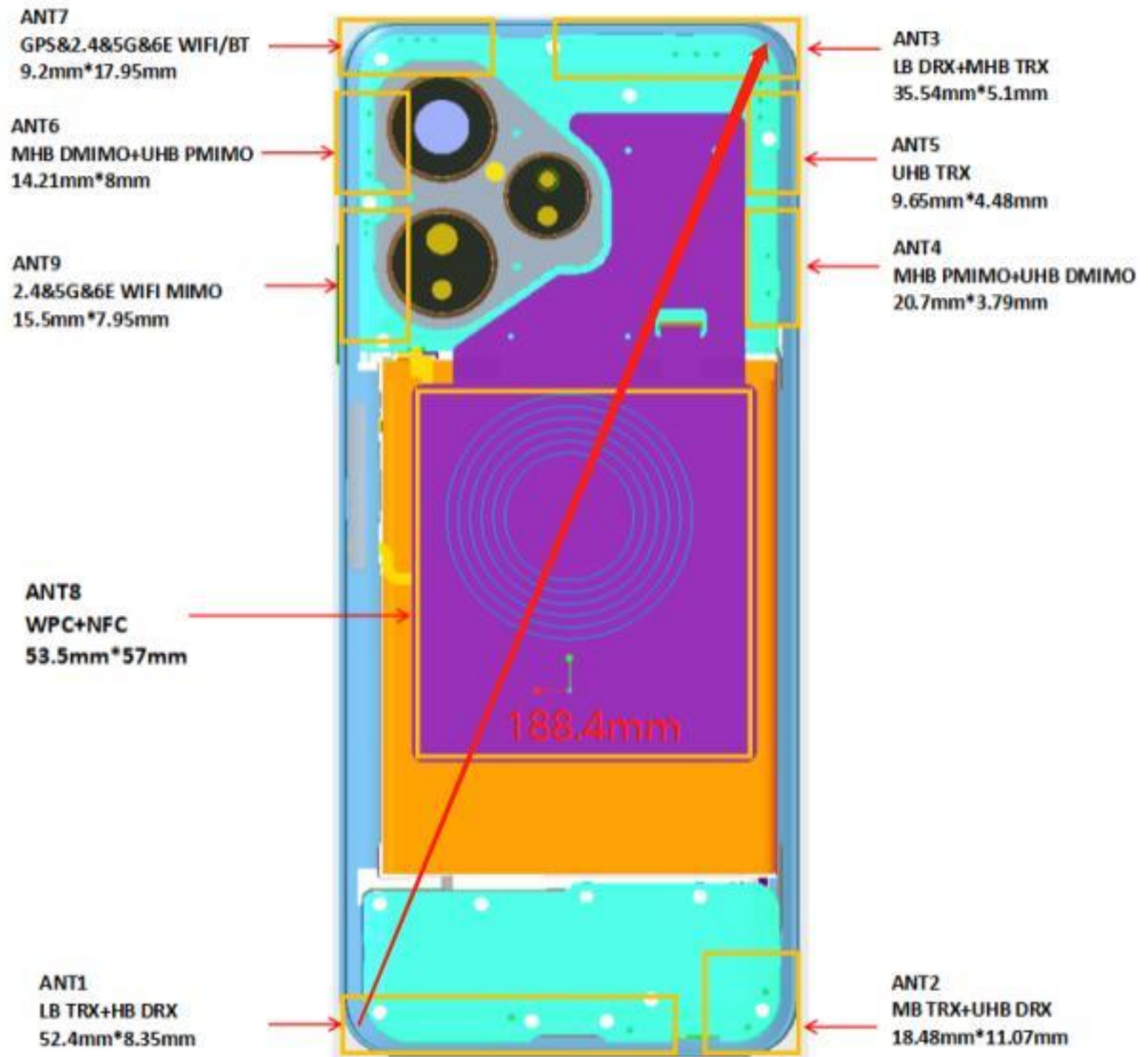
Tel: 86-0755-29076623 29076625

Fax: 86-0755-21633856

Address: 1~3F, No.8, Tongfu Estate, Xinshi Community, Dalang Street, Longhua

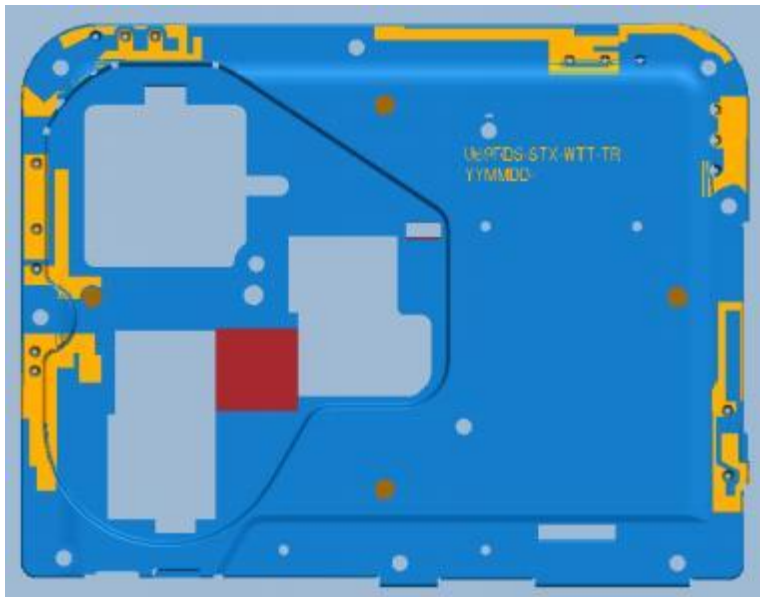
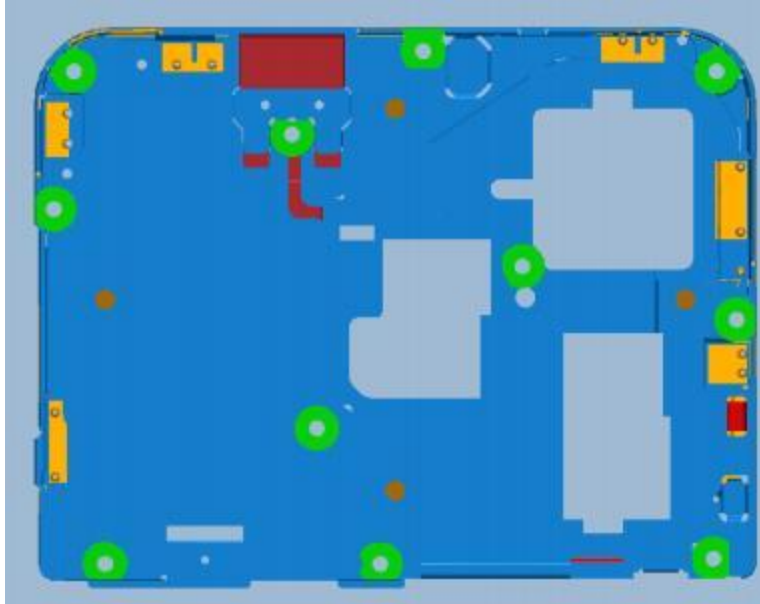
District, Shenzhen, China

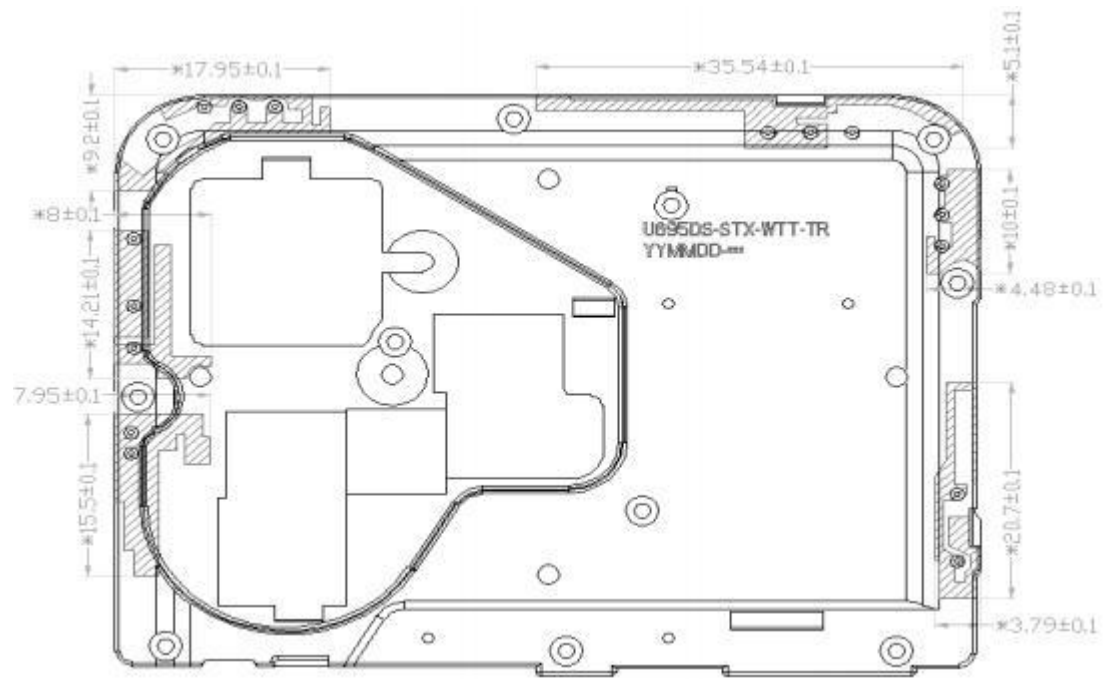
## 2. Antenna Location



Notes: Applicable to model :Celero3 5G+

### 3. Antenna Pattern





#### 4.Antenna Passive Efficiency

##### a.ANT7-GPS/BT/WiFi Antenna

| GPS&WIFI | Band              | Maximum Gain |
|----------|-------------------|--------------|
| GPS      | L1 1575.5         | 1.39         |
| WIFI     | 2.4Ghz-2.5Ghz     | 0.8          |
|          | 5.15Ghz-5.85Ghz   | -4.7         |
| BT       | 2.4Ghz-2.5Ghz     | 0.8          |
| WIFI 6E  | 5.925Ghz-7.125Ghz | -6.2         |

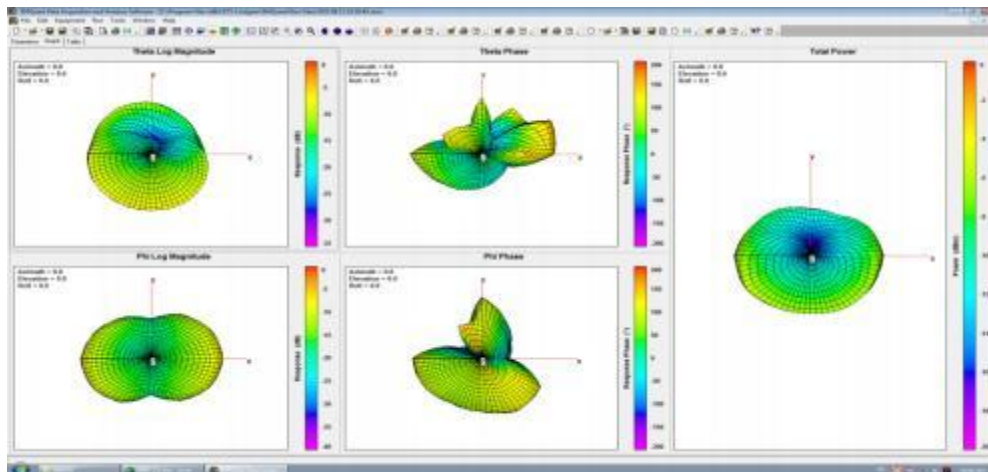
##### b. ANT9-WiFi Antenna

| GPS&WIFI | Band              | Maximum Gain |
|----------|-------------------|--------------|
| WIFI     | 2.4Ghz-2.5Ghz     | -3           |
|          | 5.15Ghz-5.85Ghz   | -2.8         |
| WIFI 6E  | 5.925Ghz-7.125Ghz | -3.1         |

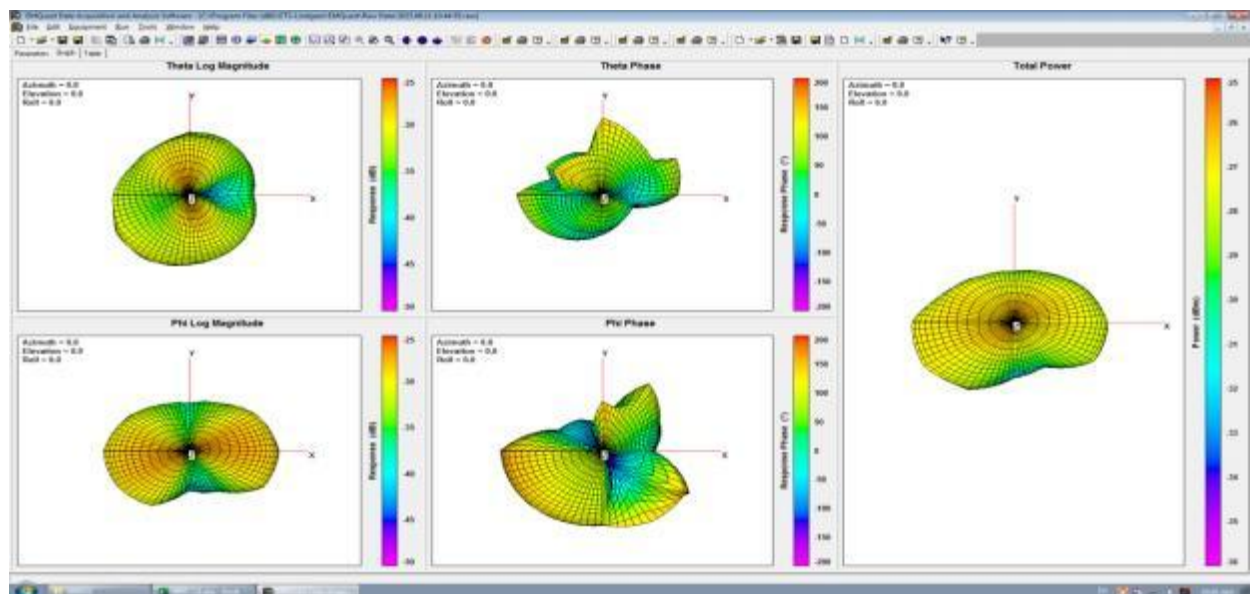
## 5. Simple Antenna Pattern Plot



a. ANT7-GPS/BT/WiFi Antenna



ANT9-WiFi Antenna



## 6. Model number of the antenna

### a. ANT7-GPS/BT/WiFi

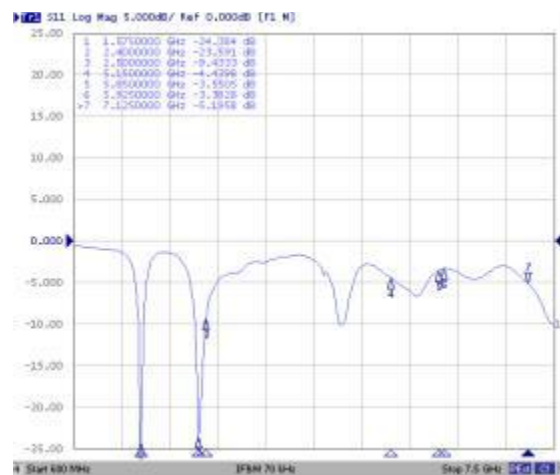
U695DS-STX-WTT-TR

### b. ANT9-WiFi

U695DS-STX-WTT-TR

## 7. Antenna return loss

### ANT7-GPS/BT/WiFi



### ANT9-WiFi



8、Test instruments

| NO. | Test case | Equipment Name | Serial No.                   | Manufacturer  | Equipment calibration date | Testing personnel |
|-----|-----------|----------------|------------------------------|---------------|----------------------------|-------------------|
| 1   | passive   | 2800           | CT10122380B5112              | GTS           | 2023/9/1                   | wang.chen         |
| 2   | passive   | E5071C         | MY46631299                   | KEYSIGHT      | 2023/9/1                   | wang.chen         |
| 3   | passive   | Test Software  | General Test Systest 1.0.0.0 | GTS. Max sign | 2023/9/1                   | wang.chen         |