

---

# Antenna Reports

Test lab: Innowave lab

Issue date: 2024/12/11

1、Peak Gain

Antenna type: MDA+LDS (IFA)

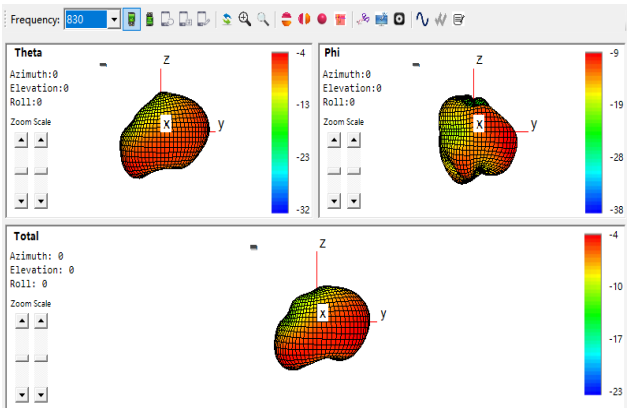
ANT0

| WWAN GSM Peak Gain (dBi) |      |      |      |
|--------------------------|------|------|------|
| G850                     | -3.3 | G900 | -3.5 |

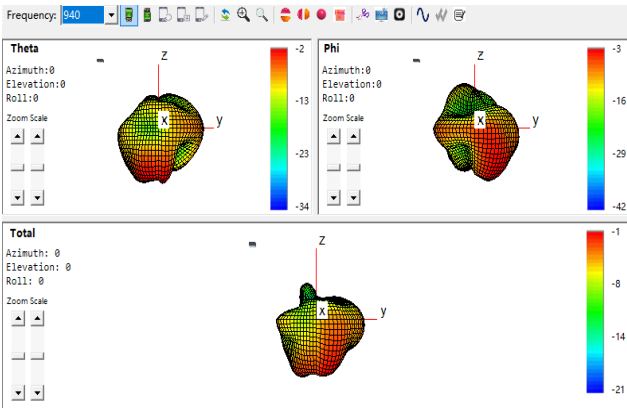
| WWAN WCDMA Peak Gain (dBi) |      |     |      |
|----------------------------|------|-----|------|
| WB5                        | -3.3 | WB8 | -3.5 |

| WWAN LTE Peak Gain (dBi) |      |     |      |
|--------------------------|------|-----|------|
| B8                       | -3.5 | B12 | -2.8 |
| B18                      | -3.3 | B19 | -3.3 |
| B26                      | -3.0 | B28 | -2.2 |
| B41                      | -3.8 | B42 | -3.5 |

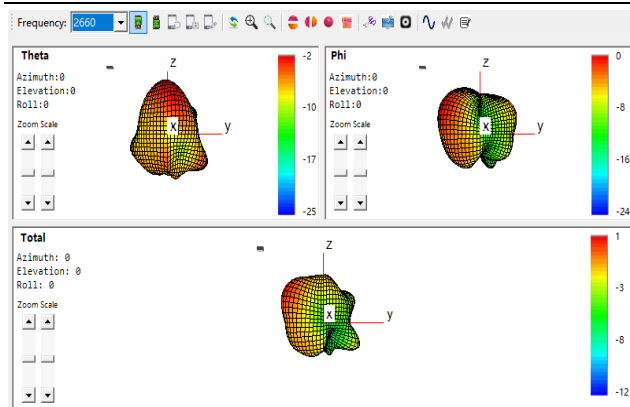
G850/W5



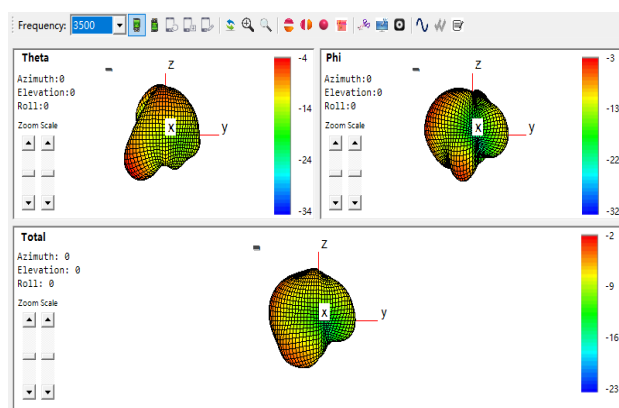
G900/W8/B8



B41



**B42**



**ANT1**

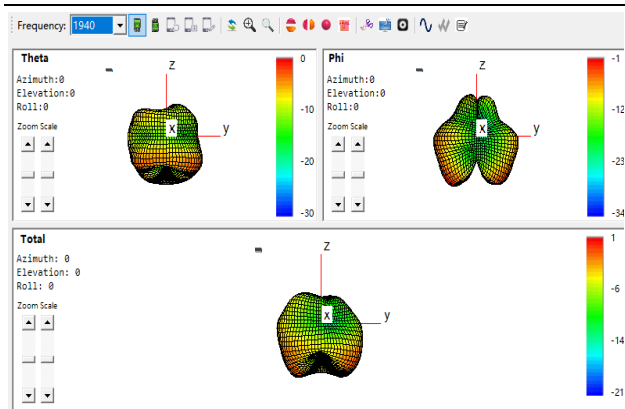
Antenna type: MDA+LDS(IFA)

| WWAN GSM Peak Gain (dBi) |      |              |             |
|--------------------------|------|--------------|-------------|
| <b>G1800</b>             | -2.3 | <b>G1900</b> | <b>-1.8</b> |

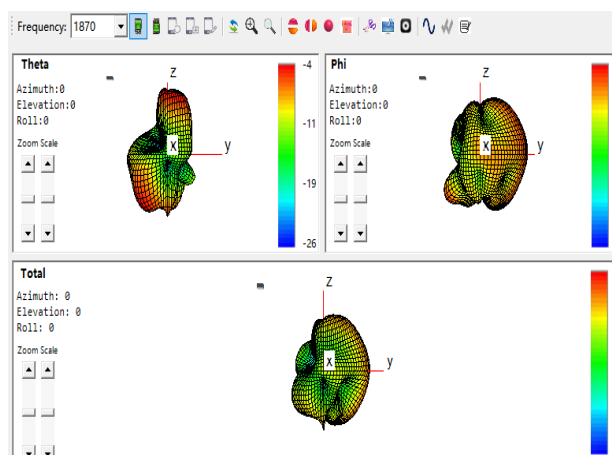
| WWAN WCDMA Peak Gain (dBi) |             |            |             |
|----------------------------|-------------|------------|-------------|
| <b>WB1</b>                 | <b>-1.0</b> | <b>WB2</b> | <b>-1.8</b> |
| <b>WB4</b>                 | <b>-2.3</b> |            |             |

| WWAN LTE Peak Gain (dBi) |      |           |      |
|--------------------------|------|-----------|------|
| <b>B1</b>                | -1.0 | <b>B3</b> | -2.3 |

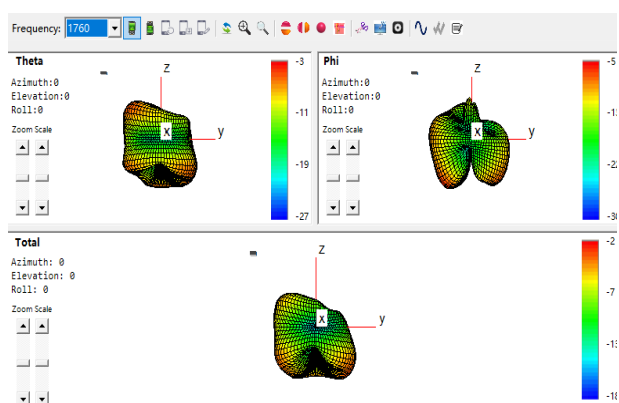
**B1/WB1**



## W2



## B3/W4



## ANT2

Antenna type: MDA+LDS (IFA)

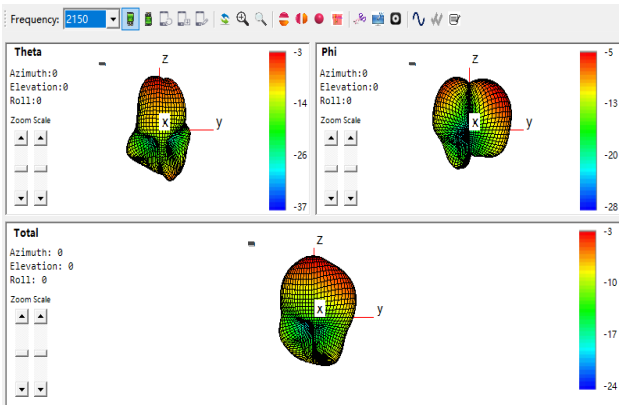
| WWAN GSM Peak Gain (dBi) |      |       |      |
|--------------------------|------|-------|------|
| G850                     | -3.5 | G900  | -3.9 |
| G1800                    | -1.0 | G1900 | -1.8 |

| WWAN WCDMA Peak Gain (dBi) |      |     |      |
|----------------------------|------|-----|------|
| WB1                        | -4.5 | WB2 | -1.8 |

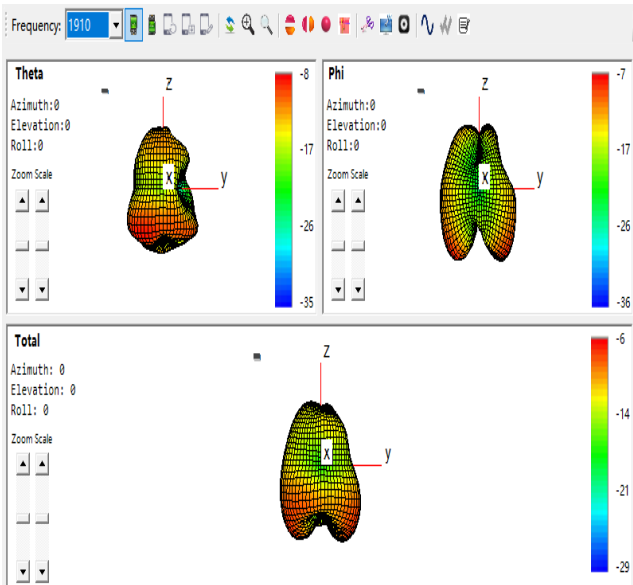
|            |      |            |      |
|------------|------|------------|------|
| <b>WB4</b> | -4.5 | <b>WB5</b> | -3.5 |
| <b>WB8</b> | -3.9 |            |      |

| WWAN LTE Peak Gain (dBi) |      |            |      |
|--------------------------|------|------------|------|
| <b>B1</b>                | -4.5 | <b>B3</b>  | -1.0 |
| <b>B8</b>                | -3.9 | <b>B12</b> | -4.5 |
| <b>B18</b>               | -3.5 | <b>B19</b> | -3.3 |
| <b>B26</b>               | -3.5 | <b>B28</b> | -4.3 |
| <b>B41</b>               | -3.0 |            |      |

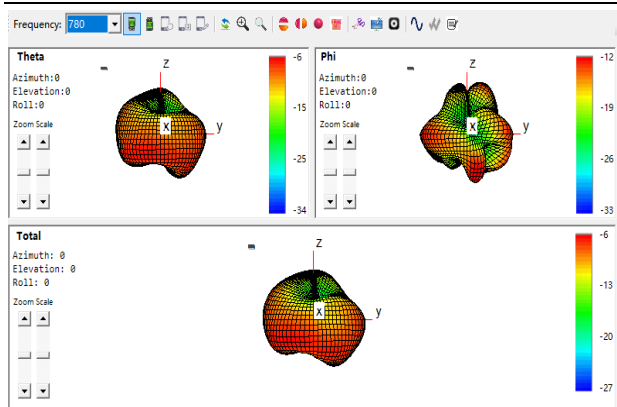
# B1/WB1



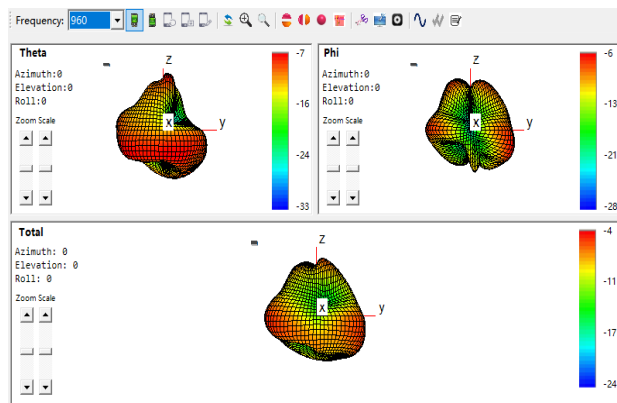
# W2



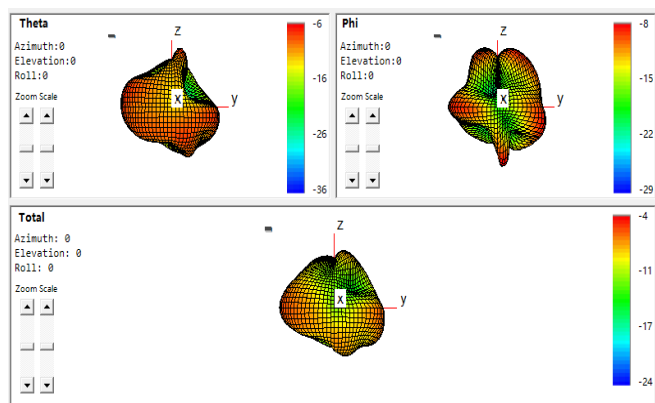
# B12



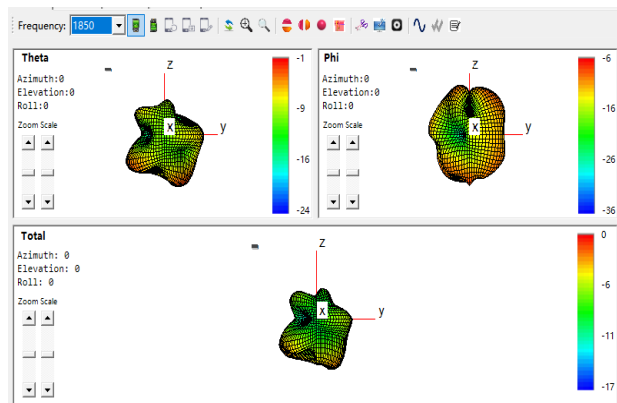
**B8**



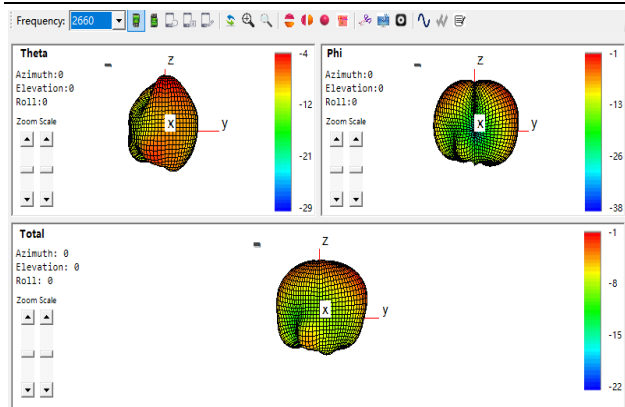
**B5/ W5**



**B3**



**B41**

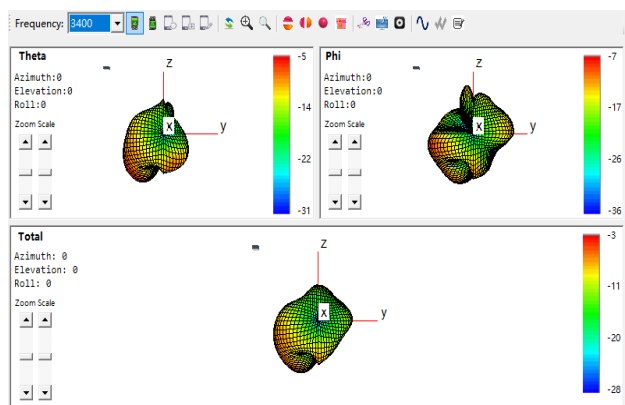


### ANT3

Antenna type: LDS (IFA)

| WWAN LTE Peak Gain (dBi) |      |  |  |
|--------------------------|------|--|--|
| <b>B42</b>               | -4.5 |  |  |

### B42

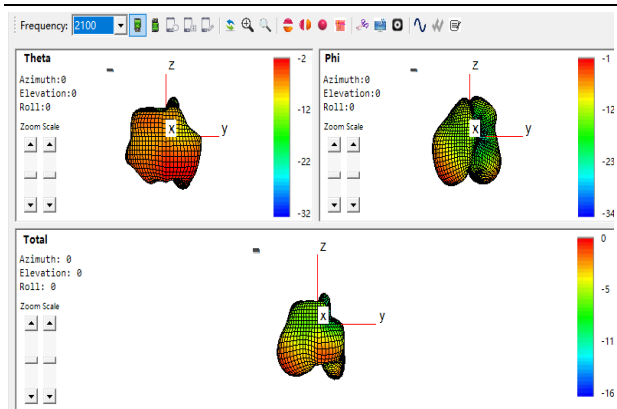


### ANT4

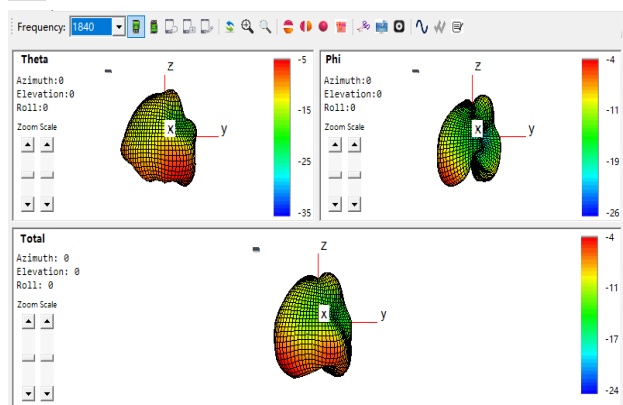
Antenna type: MDA+LDS (IFA)

| WWAN LTE Peak Gain (dBi) |      |           |      |
|--------------------------|------|-----------|------|
| <b>B1</b>                | -2.0 | <b>B3</b> | -4.2 |
| <b>B41</b>               | -1.7 |           |      |

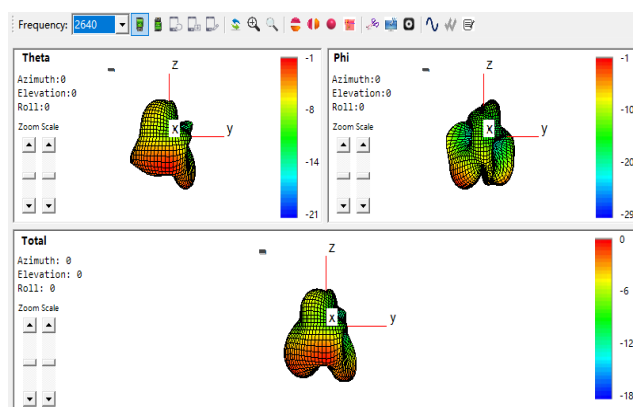
### B1/WB1



### B3



### B41

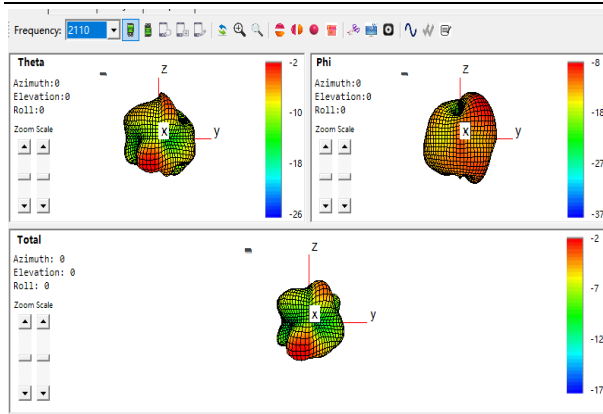


### ANT5

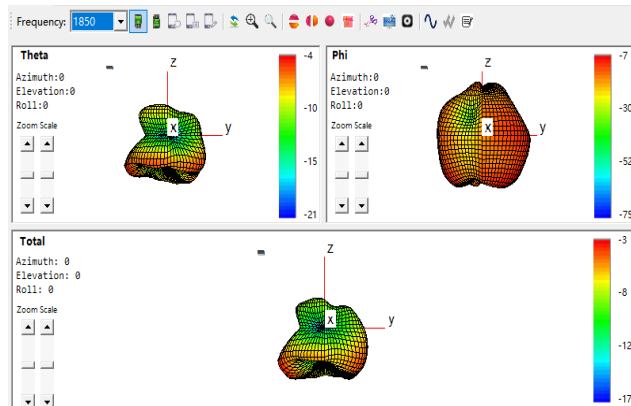
Antenna type: MDA+LDS (IFA)

| WWAN LTE Peak Gain (dBi) |      |           |      |
|--------------------------|------|-----------|------|
| <b>B1</b>                | -1.6 | <b>B3</b> | -3.2 |
| <b>B41</b>               | -2.5 |           |      |

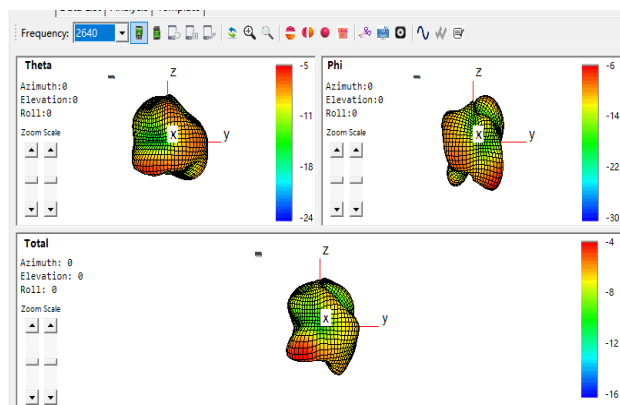
### B1/WB1



### B3



### B41

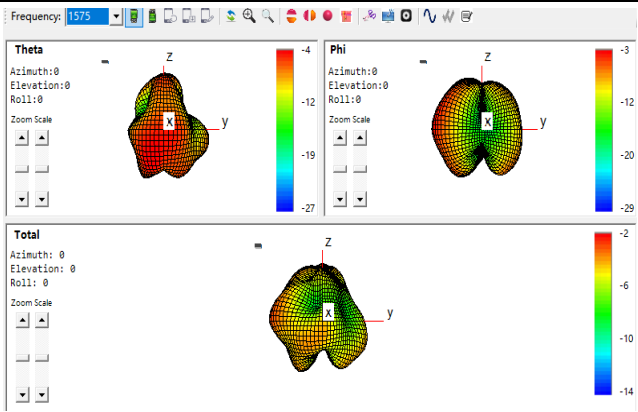


### ANT6

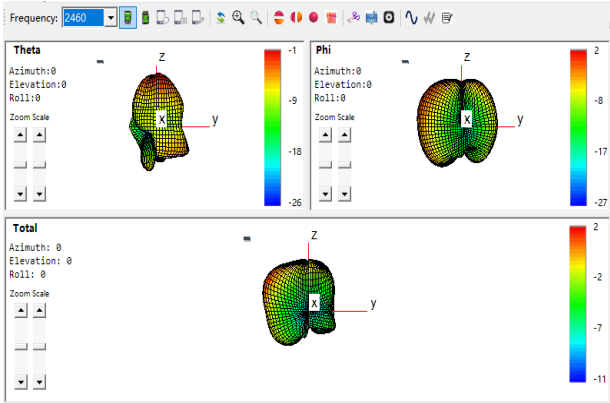
Antenna type: MDA+LDS (IFA)

| GPS/WLAN Peak Gain (dBi) |      |              |      |
|--------------------------|------|--------------|------|
| 1550-1650MHz             | -1.8 | 2400-2500MHz | -2.5 |

GPS (1575 MHz)



WIFI 2.4G (2450 MHz)

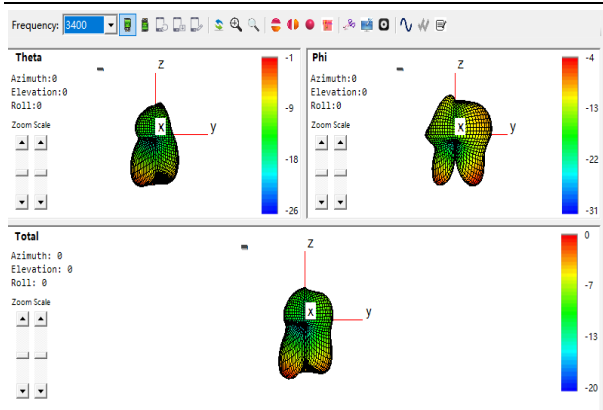


ANT7

Antenna type: MDA+LDS (IFA)

| WWAN LTE Peak Gain (dBi) |      |  |  |
|--------------------------|------|--|--|
| B42                      | -2.0 |  |  |

B42

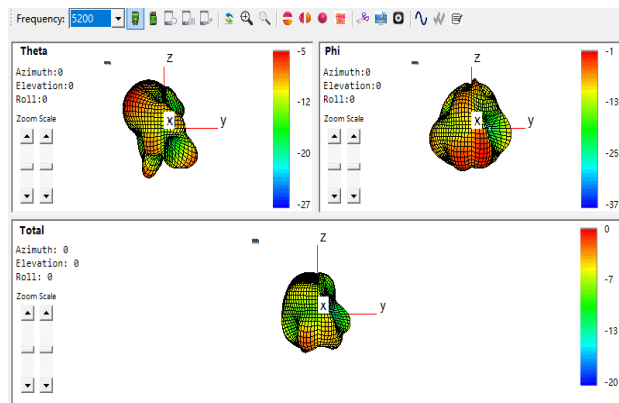


## ANT8

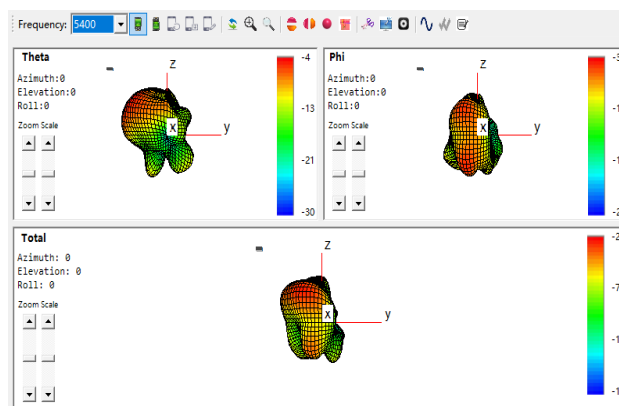
Antenna type: LDS (IFA)

| WLAN Peak Gain (dBi) | Peak Gain(dBi) |
|----------------------|----------------|
| 5150~5250MHz         | -2.1           |
| 5250~5350MHz         | -1.5           |
| 5470~5725MHz         | -1.0           |

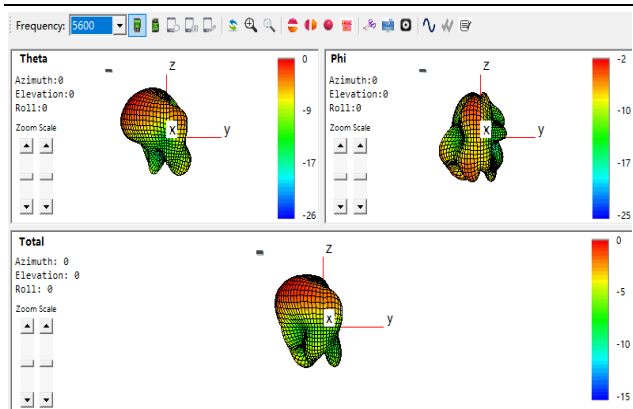
## 5200MHz



## 5400MHz



## 5600MHz



## 2、Antenna Manufacturer and address

Manufacturer: Dongguan Huayu Precision Technology Co., Ltd

Address: No. 2, Fengtian Road, Tangxia Town, Dongguan City

## 3、Antenna type

IFA

## 4、Test instrument and calibration date

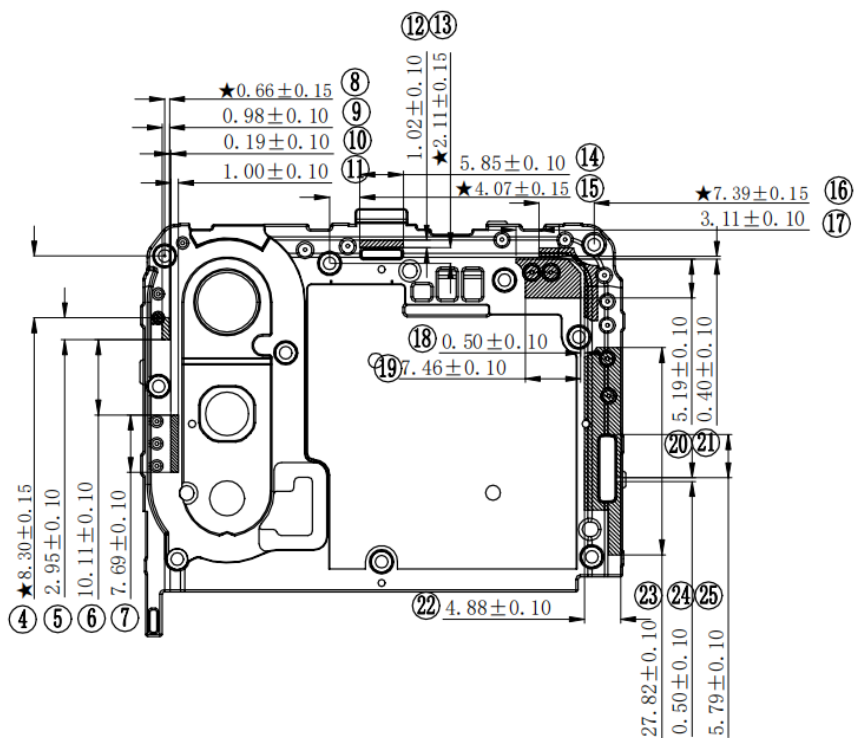
GTS 1800 calibration date: 20231201

CMW500 calibration date: 20231201

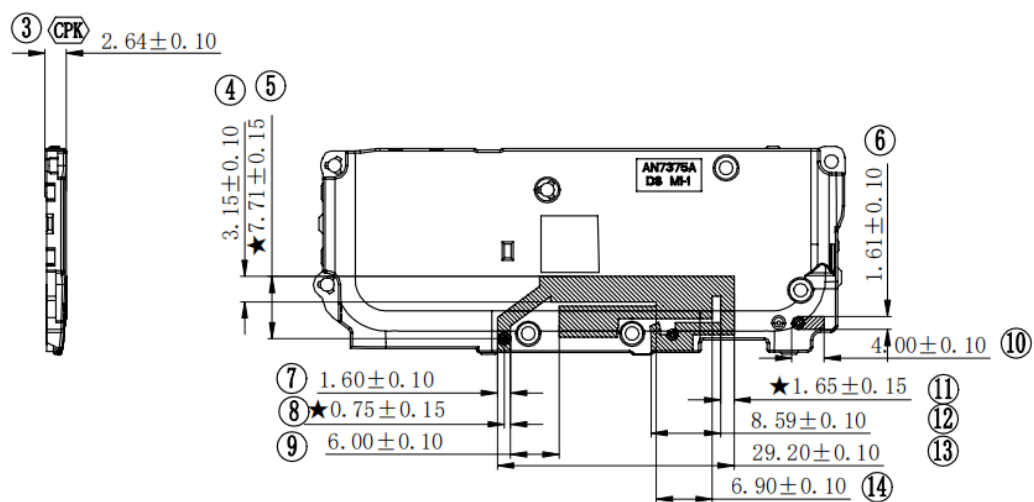
Keysight E5071C calibration date: 20231201

## 5、Size

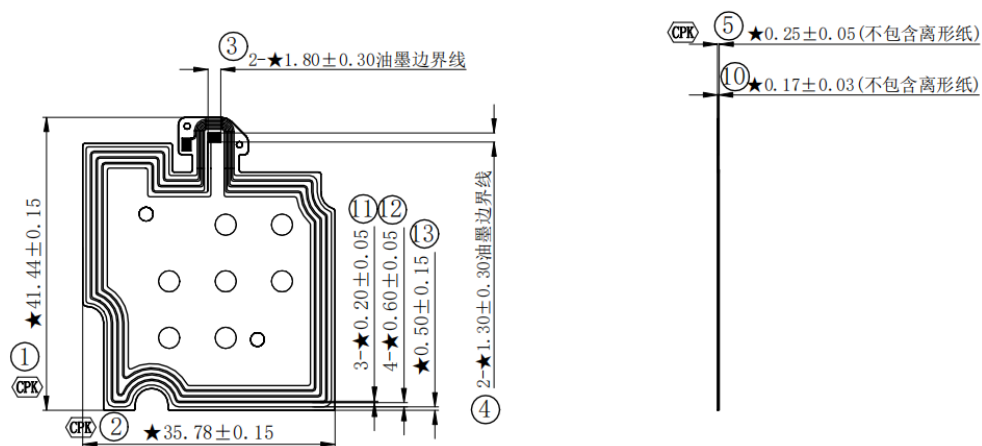
### ■ 主板支架:



■ BOX:



7、NFC



Type: Loop