

Ant Manufacturer and Test Lab:  
ANT0/2 Manufacturer： Zhejiang Haitong Communication Electronics Co., Ltd.  
ANT1 Manufacturer： Welletronics Communication Technology Limited  
Test lab.com: GTS-2800  
Model name: Fixed  
Antenna type: ANT0/1/2 Fixed Internal Antenna

|      |             |
|------|-------------|
| ANT  | Size（mm）    |
| ANT0 | 74.13*16.69 |
| ANT1 | 55.34*16.92 |
| ANT2 | 20.05*10.25 |
|      |             |
|      |             |

# Antenna Reports

Peak Gain

| BT/WLAN Peak Gain (dBi) |      |              |      |
|-------------------------|------|--------------|------|
| 2400~2483.5MHz          | -1.8 | 5470~5725MHz | -1   |
| 5150~5250MHz            | -3   | 5725~5850MHz | -5.7 |
| 5250~5350MHz            | -2.3 |              |      |

| BAND      | Peak Gain(dBi) |
|-----------|----------------|
| GSM 850   | -2.6           |
| E-GSM 900 | -3.8           |
| DCS 1800  | -0.6           |
| PCS 1900  | -1.5           |
| WCDMA B1  | -2             |
| WCDMA B2  | -1.5           |
| WCDMA B4  | -0.6           |
| WCDMA B5  | -2.6           |
| WCDMA B8  | -3.8           |

|         |      |
|---------|------|
| LTE B1  | -2   |
| LTE B2  | -1.5 |
| LTE B3  | -0.6 |
| LTE B4  | -0.6 |
| LTE B5  | -2.6 |
| LTE B7  | 0.5  |
| LTE B8  | -3.8 |
| LTE B13 | -4.2 |
| LTE B26 | -2.6 |
| LTE B28 | -3   |
| LTE B38 | 0.5  |
| LTE B40 | -0.8 |
| LTE B66 | -0.6 |

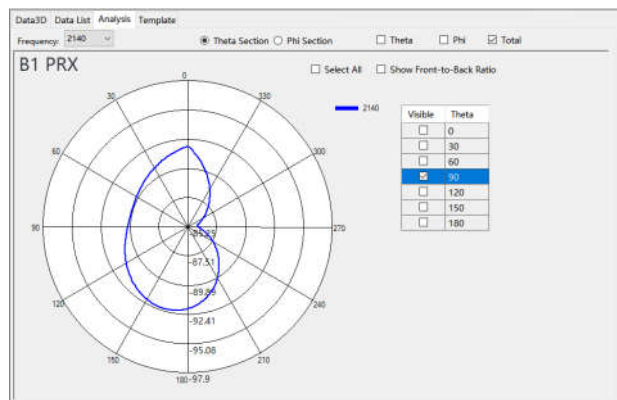
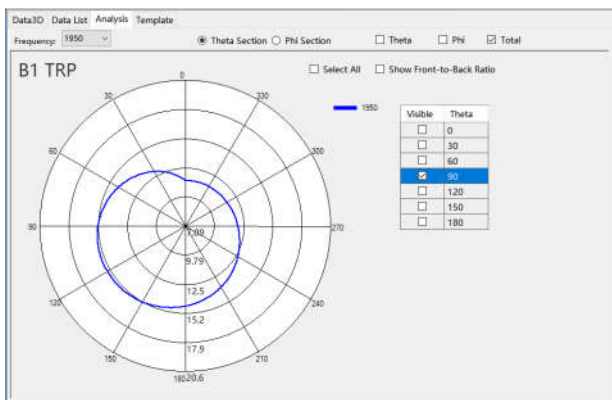
## The device under test

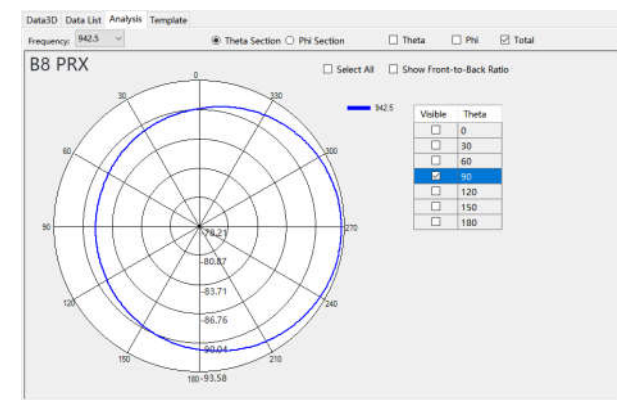
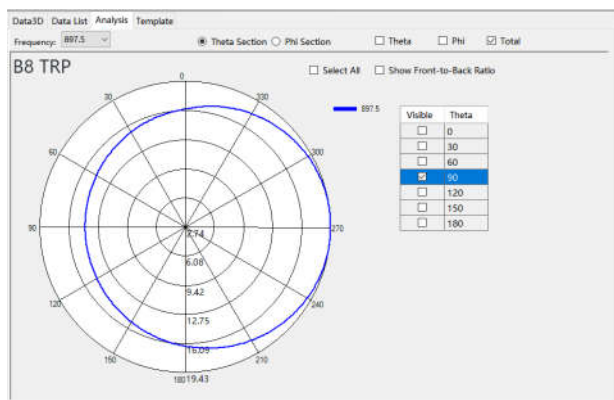
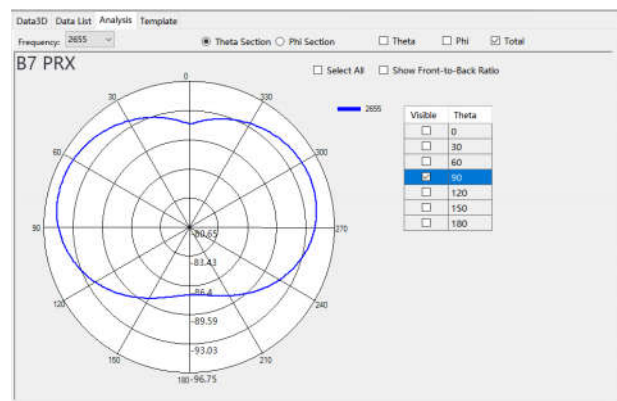
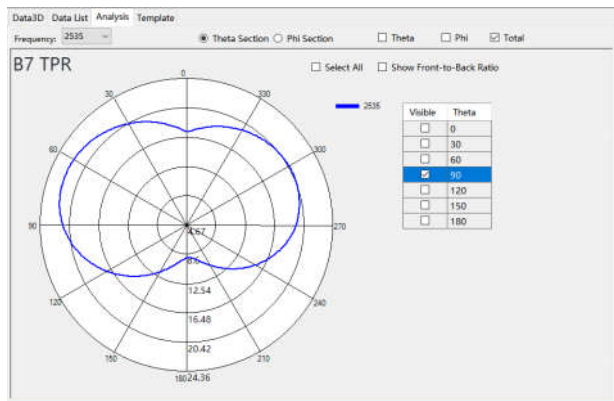
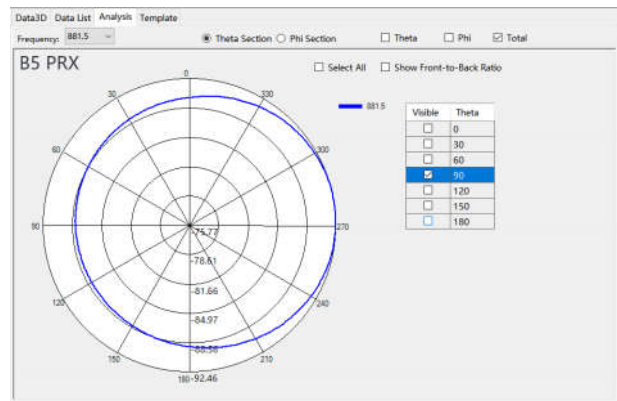
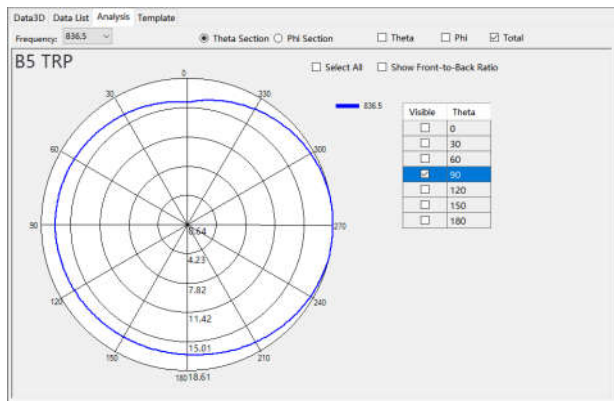
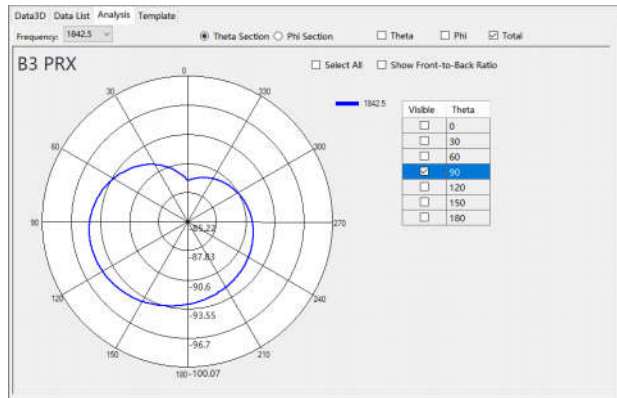
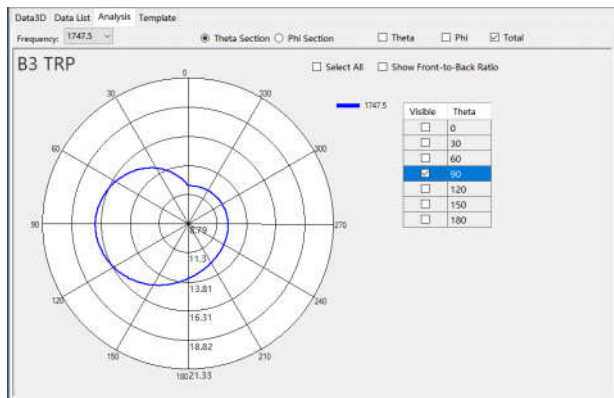
Calibration time: 2022/7/17

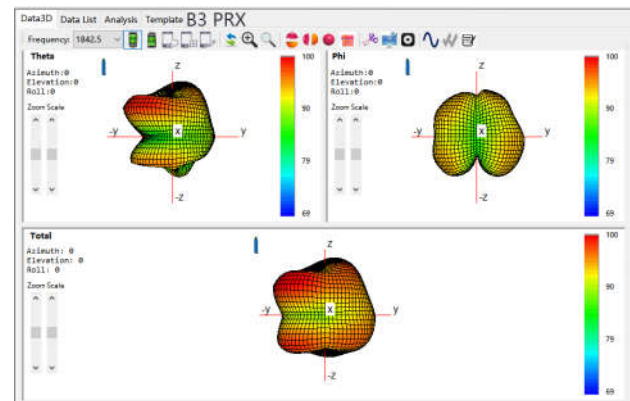
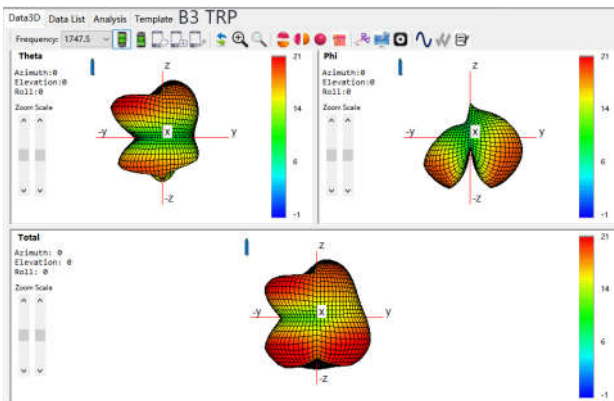
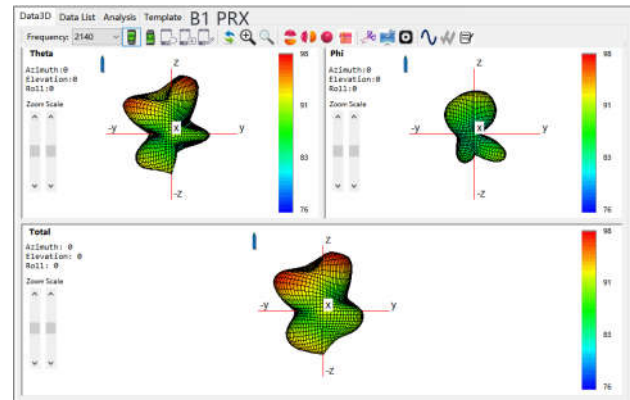
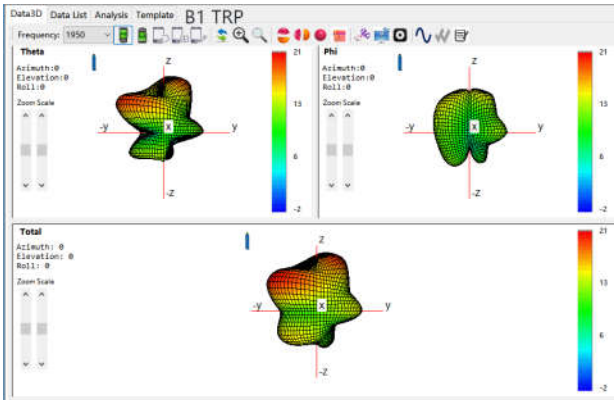
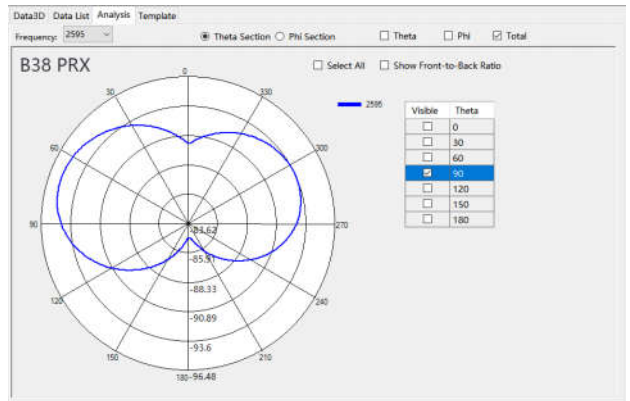
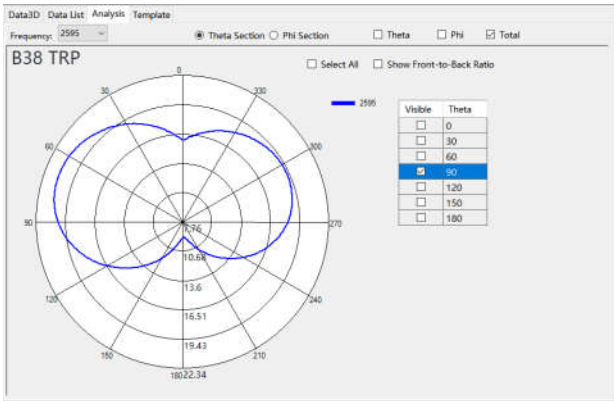
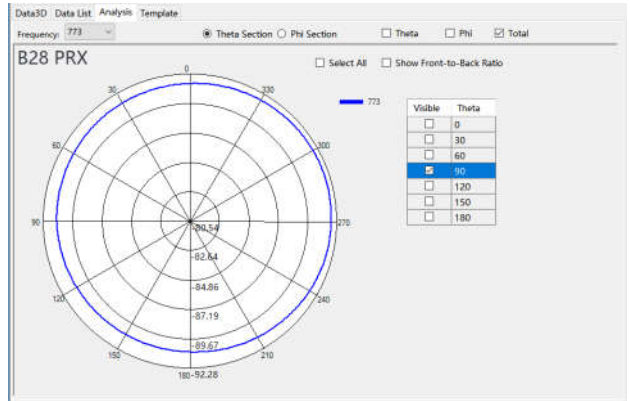
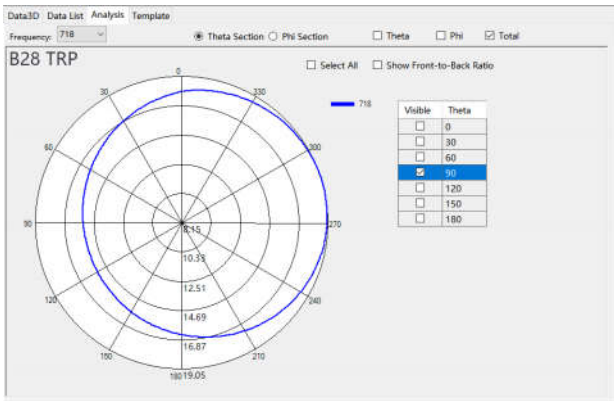
The calibration frequency: 1 year/time

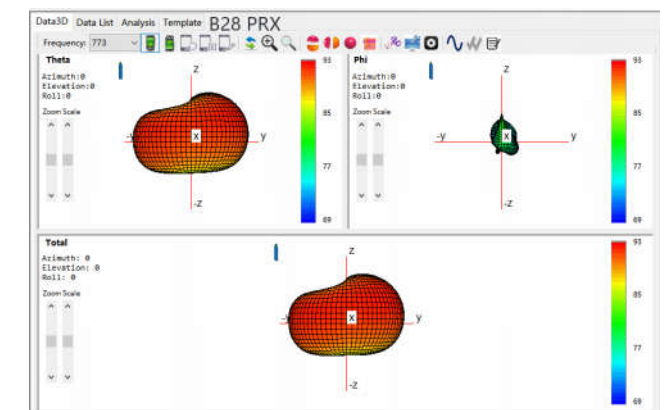
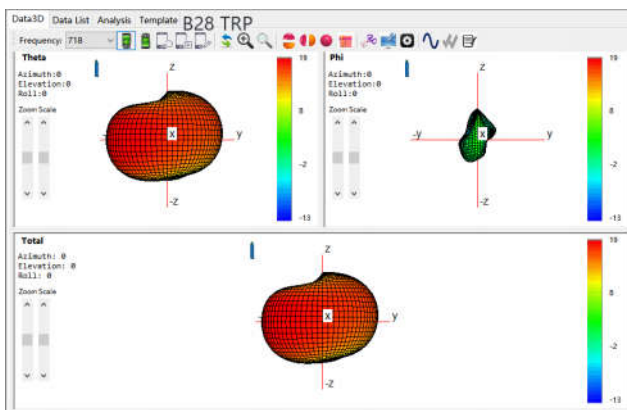
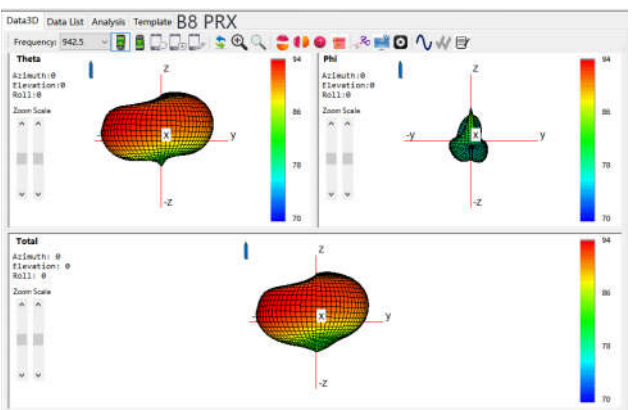
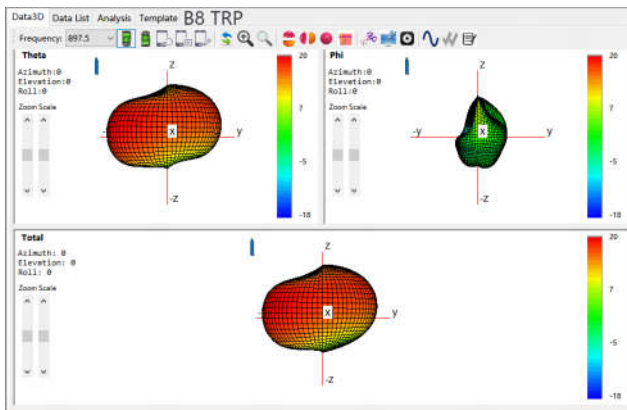
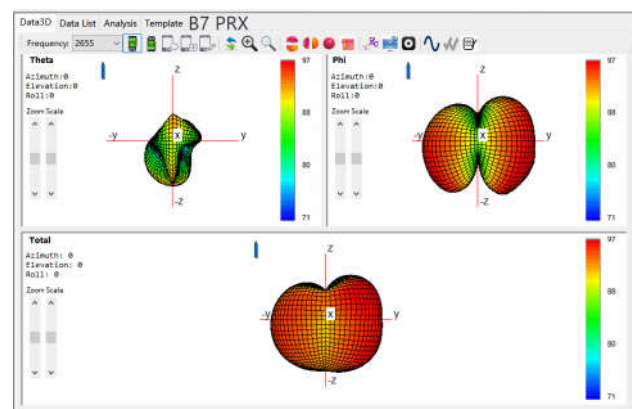
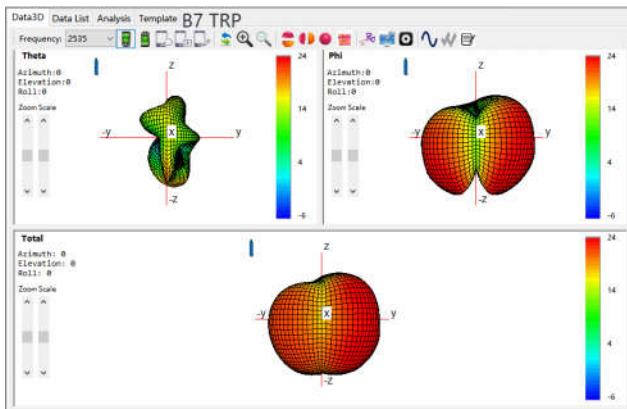
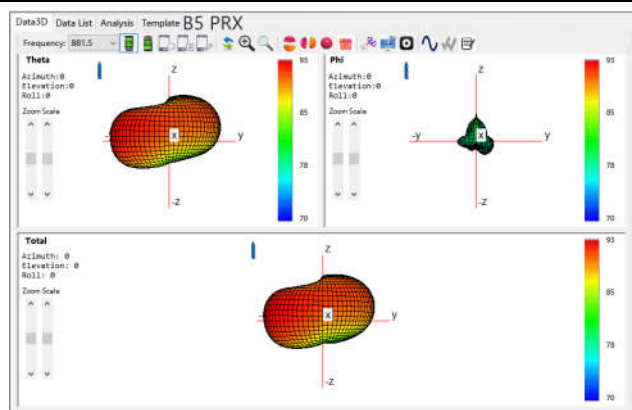
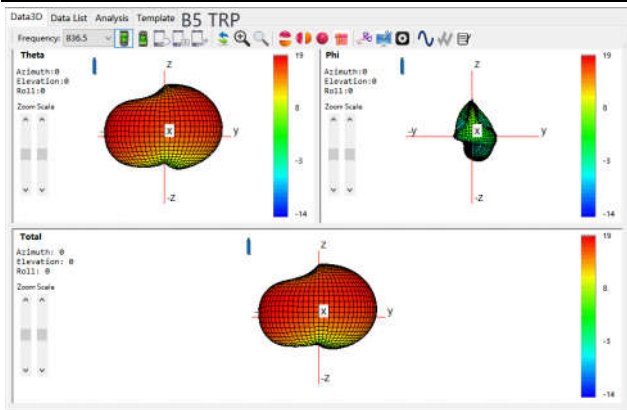
## Directional Pattern

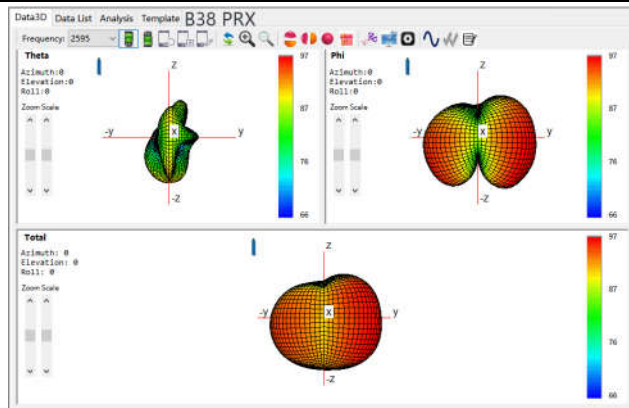
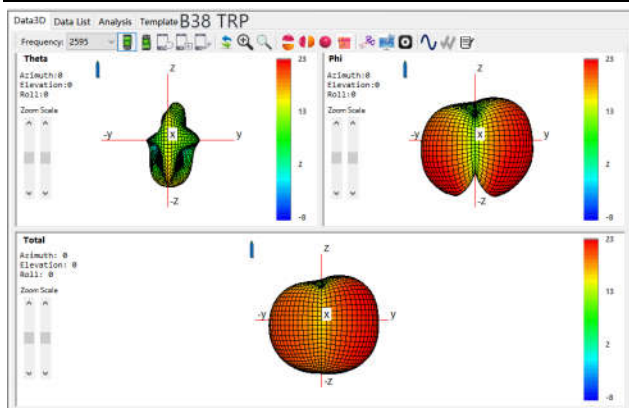
Main\_ANT



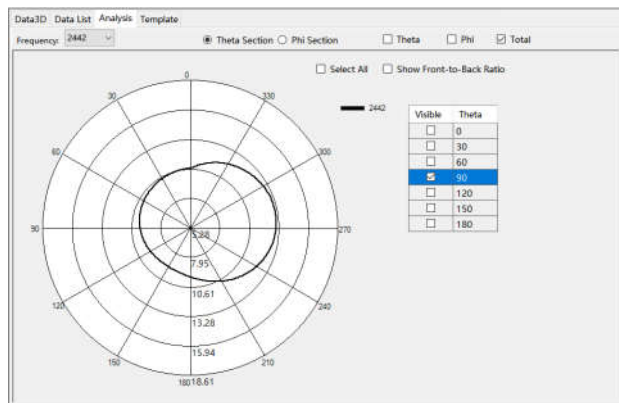
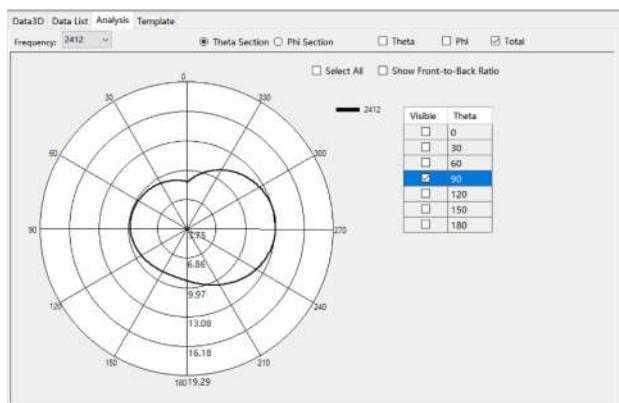


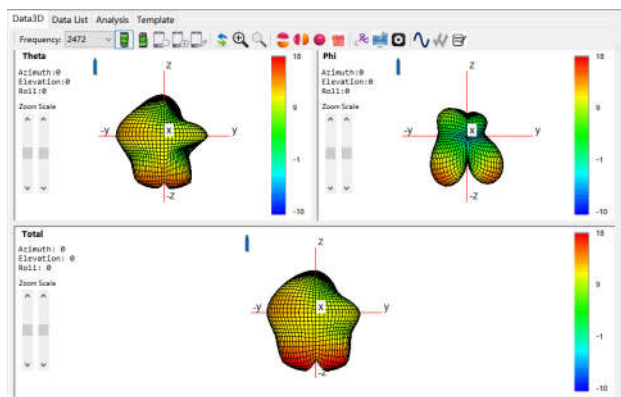
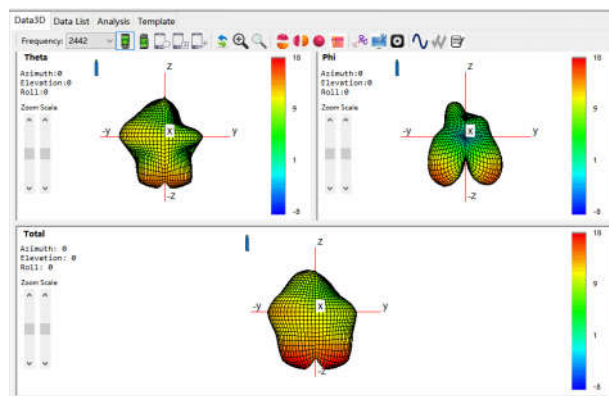
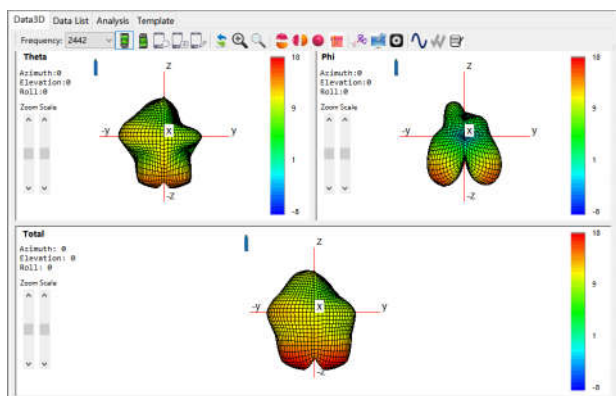
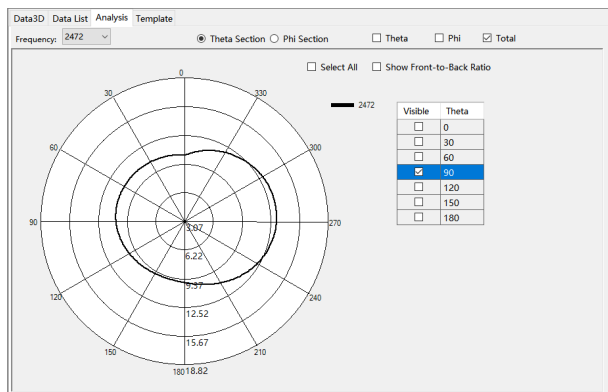




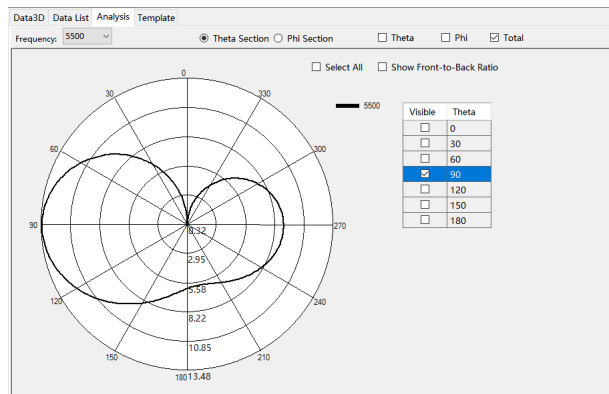
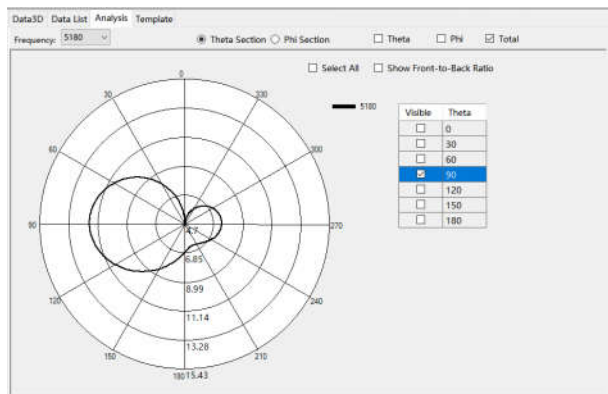


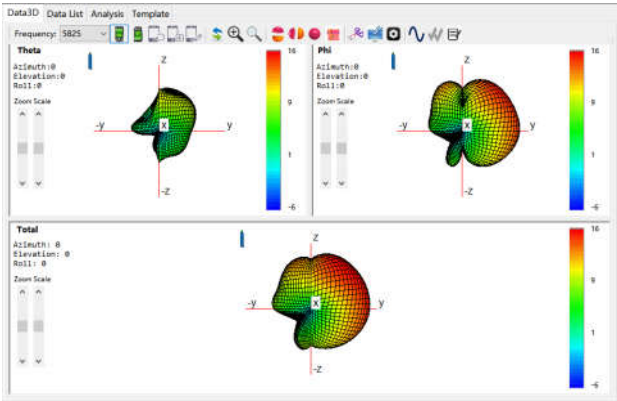
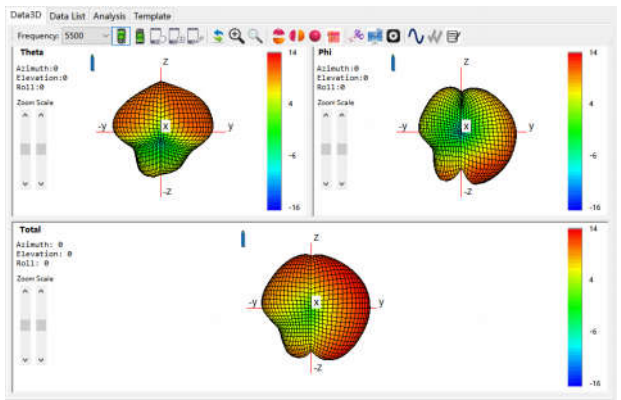
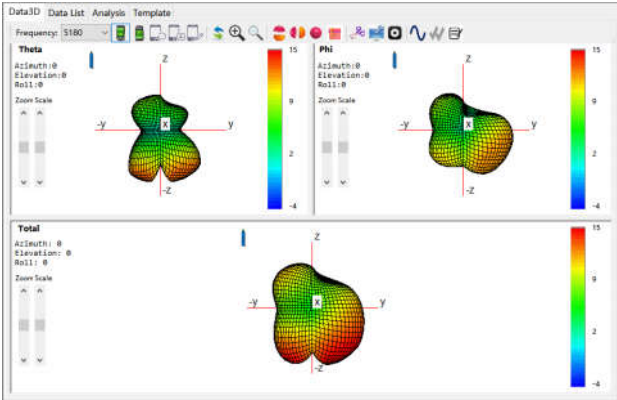
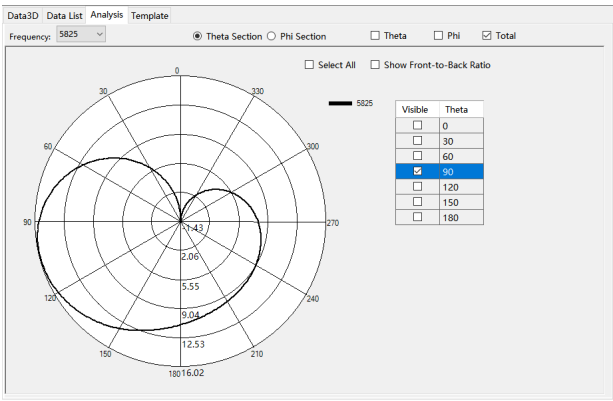
## 2.4G-WIFI\_ANT





## 5.8G-WIFI\_ANT





DIV\_ANT

