

Antenna Gain test report

FCC ID: R9C-CPH2599

Equipment: Smart Phone

Brand Name: OPPO

Model Name: CPH2599

Manufacturer: Guangdong OPPO Mobile

Telecommunications Corp., Ltd.

NO.18 Haibin Road, Wusha Village,

Chang'an Town, Dongguan City,

Guangdong, China

Issue Date: Apr 6, 2023

Antenna Gain and Antenna Type specification:

| Antenna | Support bands |
|---------|------------------------------|
| Ant 2 | TRX 5G WIFI CH0 |
| Ant 9 | 2.4G WIFI CH0/5G WIFI CH1/BT |
| Ant 10 | 2.4G_WIFI CH1 |

Note: Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document

NFC Antenna Type: Metal Frame and FPC

Area: 2280mm²

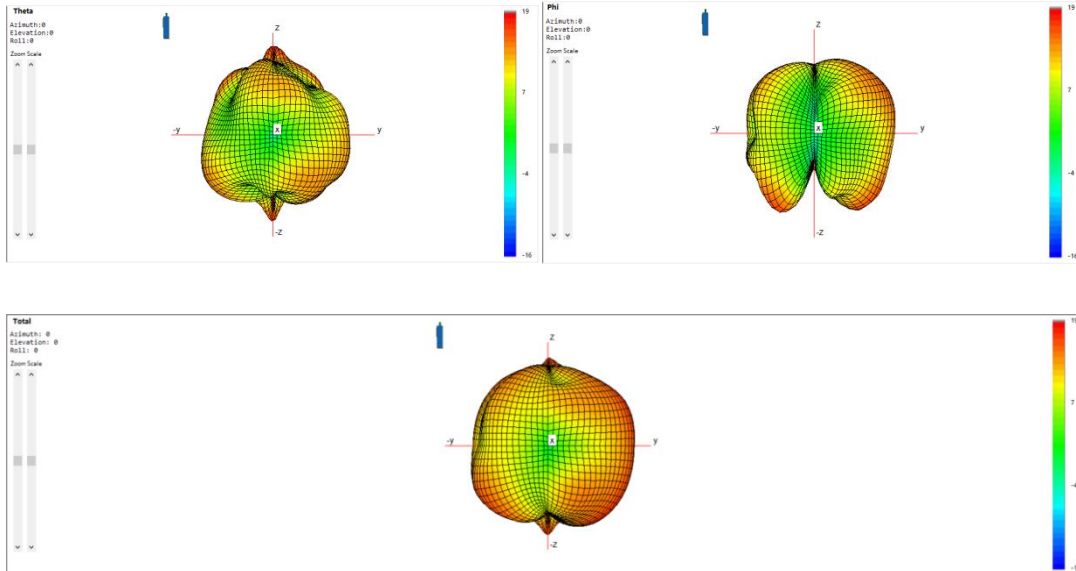
Catgory: A

Test Report**Report No.:OP20220208**

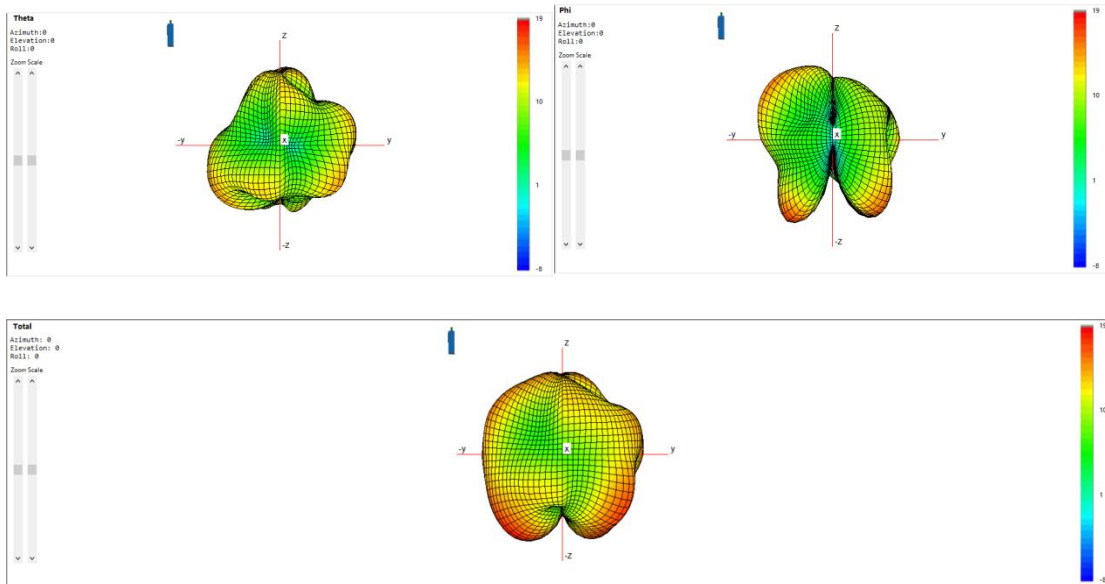
| Antenna Gain (dBi) | | Ant 2 | Ant 9 | Ant 10 | Antenna Type |
|--------------------|----------------|-------|-------|--------|----------------|
| 2.4G WiFi | 2400~2483.5MHz | | 0 | 0 | Fixed Internal |
| 5G WiFi | 5150~5340MHz | 1 | 0.5 | | Fixed Internal |
| | 5480~5720MHz | 1.5 | 3 | | Fixed Internal |
| | 5740~5820MHz | -1 | 1.5 | | Fixed Internal |
| BT | 2400~2483.5MHz | | 0 | | Fixed Internal |

3D Pattern

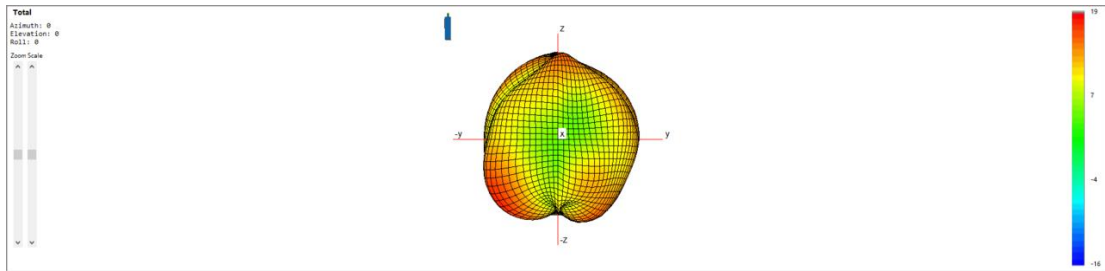
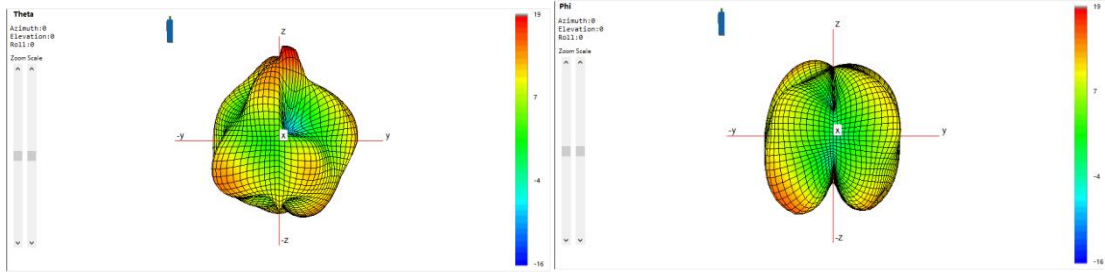
2400M(Frequency=2412M)



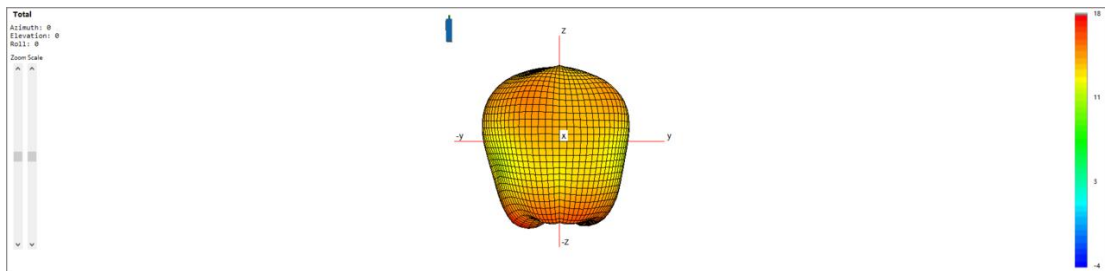
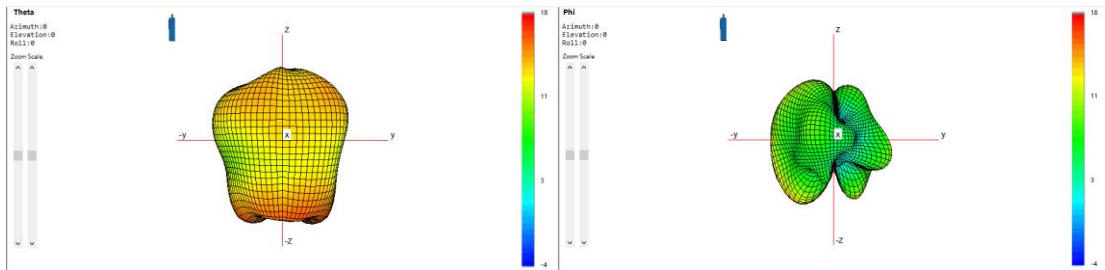
2400M(Frequency=2442M)



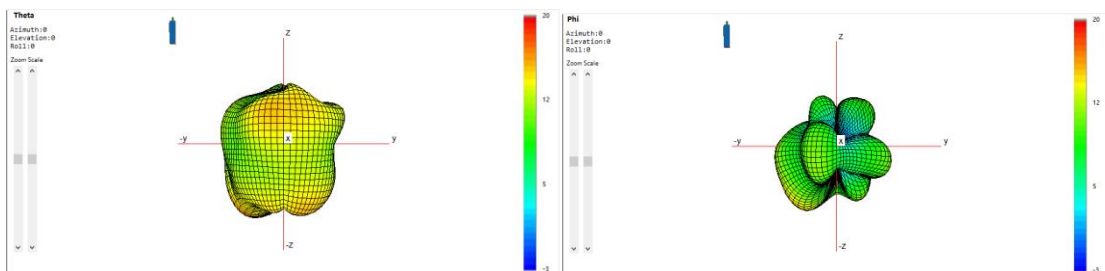
2400M(Frequency=2472M)

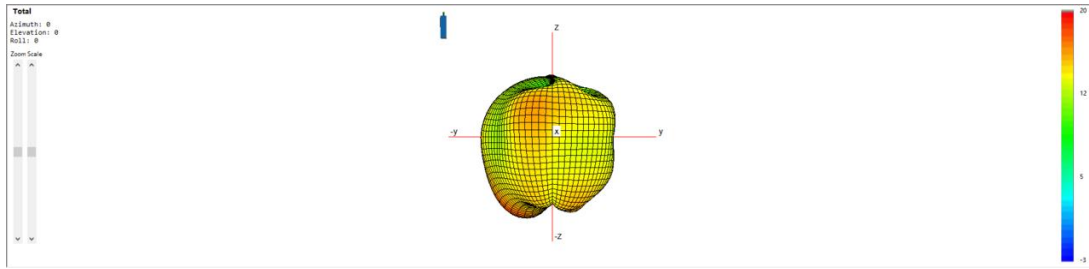


5000M(Frequency=5200M)

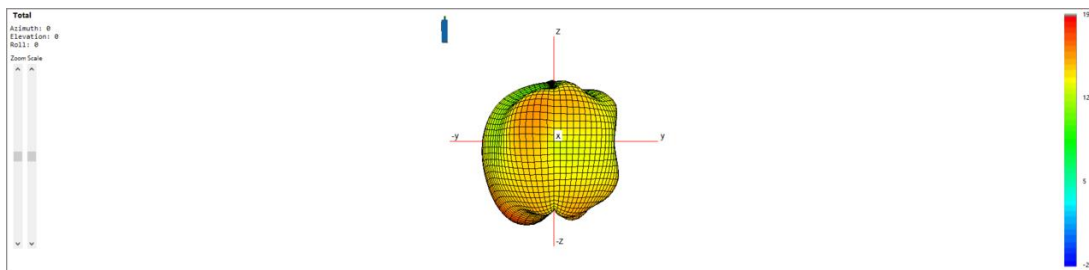
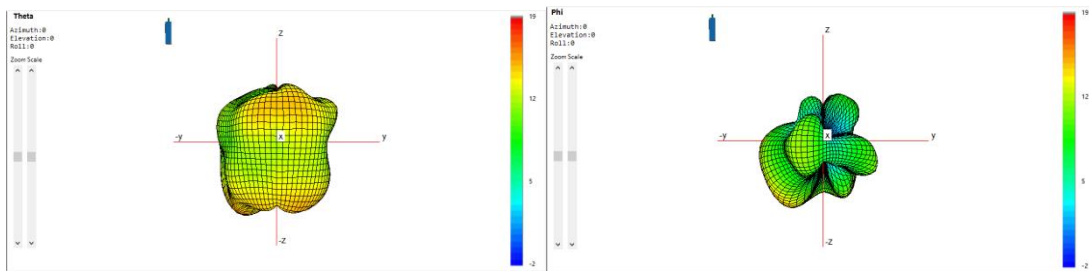


5000M(Frequency=5745M)





5000M(Frequency=5785M)



5000M(Frequency=5825M)

