

Antenna Gain test report

FCC ID: R9C-CPH2531

Equipment: Smart Phone

Brand Name: OPPO

Model Name: CPH2531

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 Location:

Please refer to another technology document “Operational Description ”

Antenna	Support bands
Ant 0	TRX GSM850/900 TRX WCDMA 5/6/8/19 TRX LTE 5/8/12/13/17/18/19/20/26/28 TRX NR 5/8/20/28
Ant 1	TRX GSM850/900 TRX WCDMA 5/6/8/19 TRX LTE 5/8/12/13/17/18/19/20/26/28 TRX NR 5/8/20/28
Ant 2	RX LTE B20 TRX 5G WIFI CH0
Ant 3	TRX LTE 1/2/3/4/7/38/39/40/41/66 TRX NR 1/3/7/38/40/41/66 TRX GSM1800/1900 TRX WCDMA B1/2/4 TRX NR 77/78
Ant4	TRX LTE 1/2/3/4/7/38/39/40/41/66 TRX GSM1800/1900 TRX WCDMA B1/2/4 TRX NR 1/3/7/38/40/41/66
Ant 5	TRX GSM 1800/1900 WCDMA B1/2/4 TRX LTE 1/2/3/4/7/38/39/40/41/66 TRX NR 1/3/7/38/40/41/66 TRX NR 77/78
Ant 6	RX LTE 1/3/4/7/38/40/41/66 NR 1/3/7/38/40/41/66 TRX NR 77/78
Ant 8	GPS L1 TRX NR 77/78

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Ant 9	2.4G WIFI CH0/5G WIFI CH1/BT
Ant 10	2.4G_WIFI CH1
Ant 11	
Ant 12	
Ant 13	

Antenna Gain and Antenna Type specification:

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

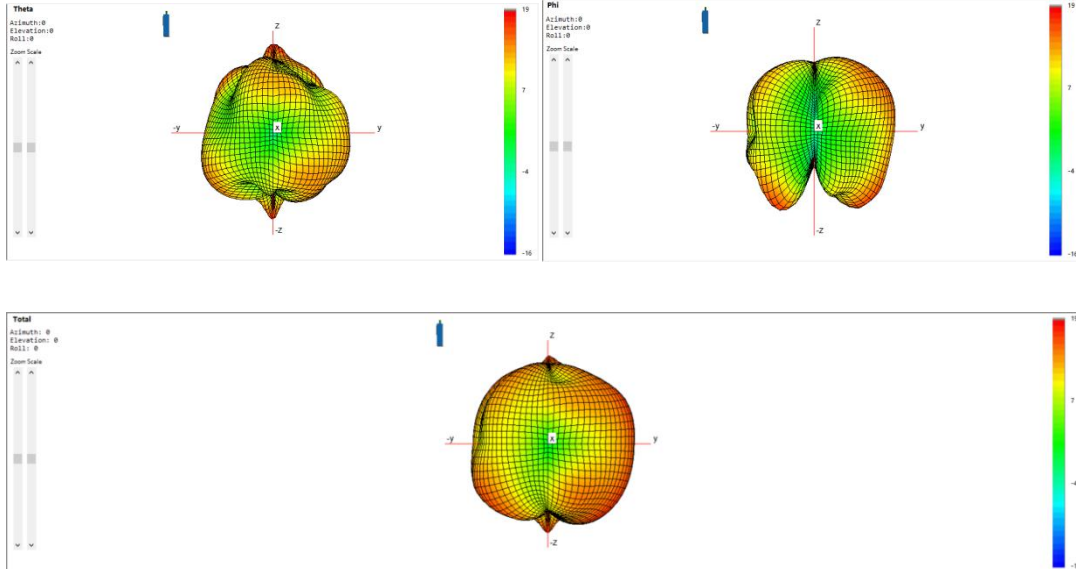
NFC Antenna Type: Metal Frame and FPC

Area: 2280mm²

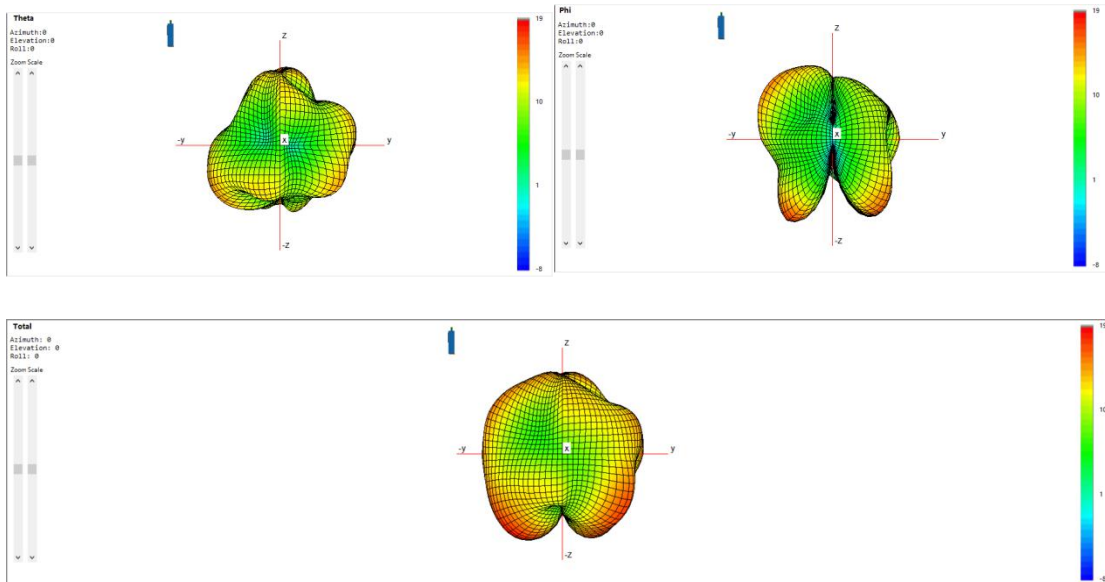
Catgory: A

3D Pattern

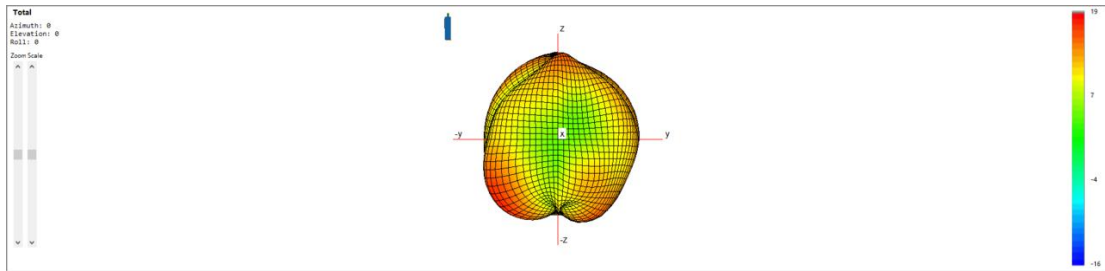
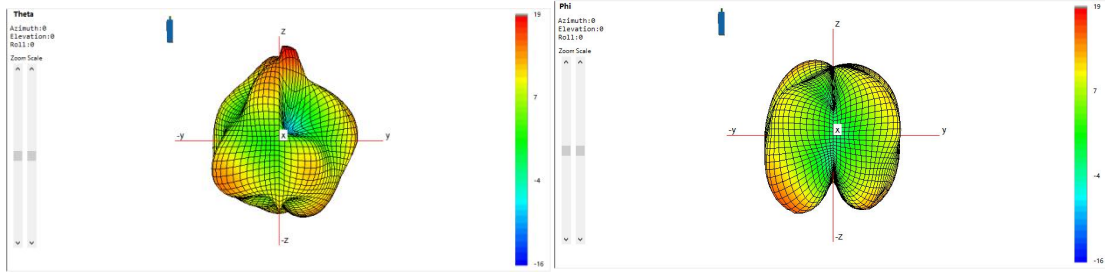
2400M(Frequency=2412M)



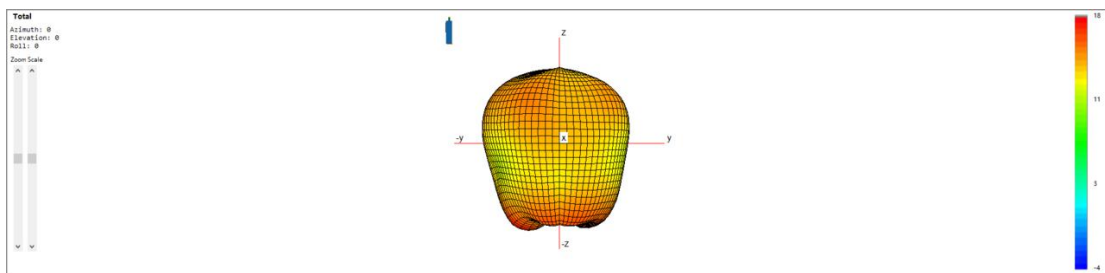
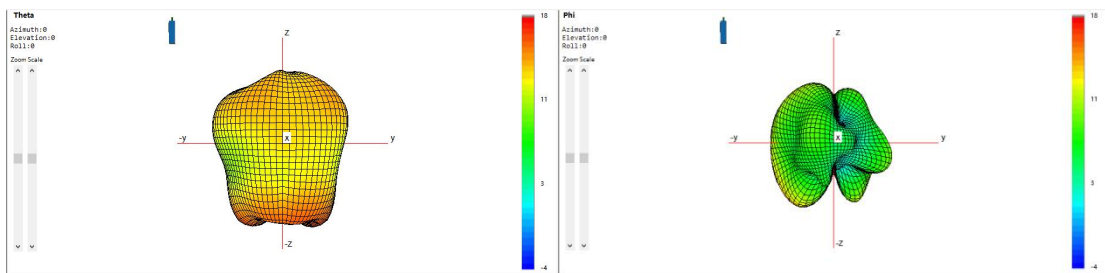
2400M(Frequency=2442M)



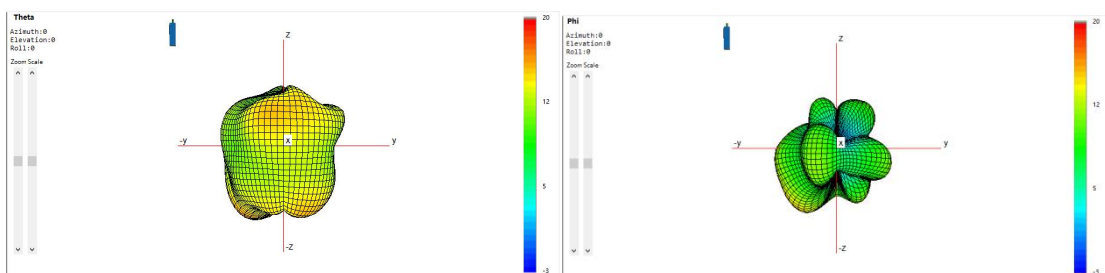
2400M(Frequency=2472M)

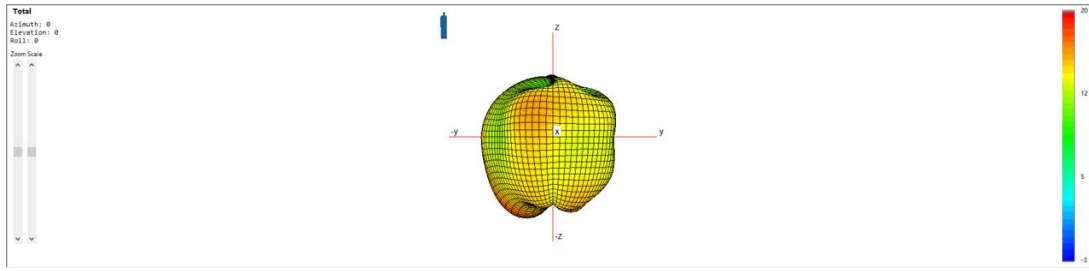


5000M(Frequency=5200M)

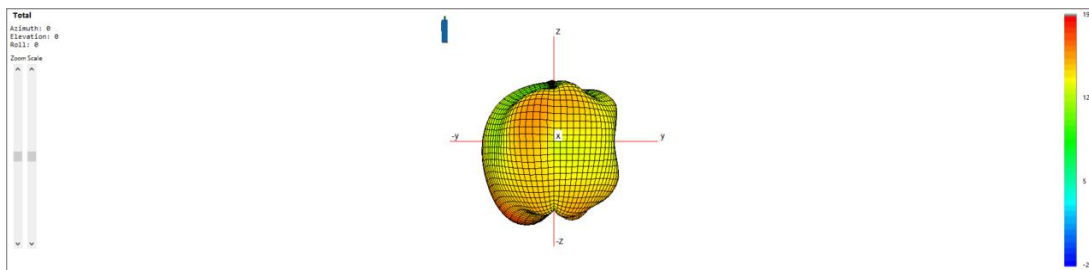
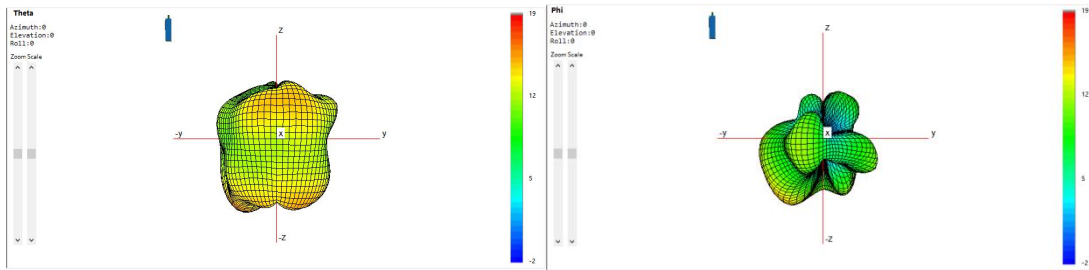


5000M(Frequency=5745M)





5000M(Frequency=5785M)



5000M(Frequency=5825M)

