

## 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: 2280mm<sup>2</sup>

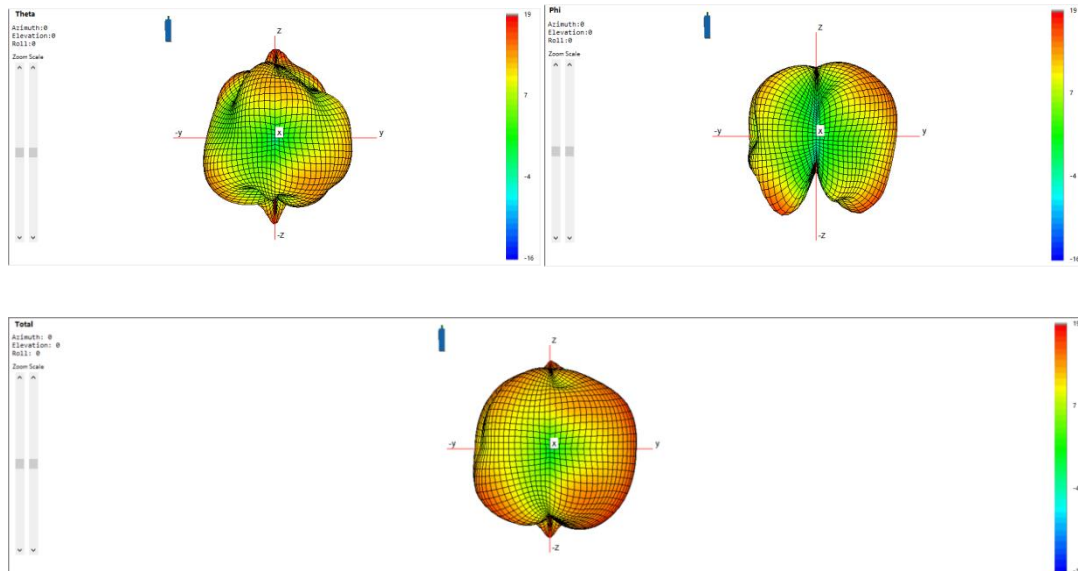
Catgory: A

**Test Report****Report No.:OP20220208**

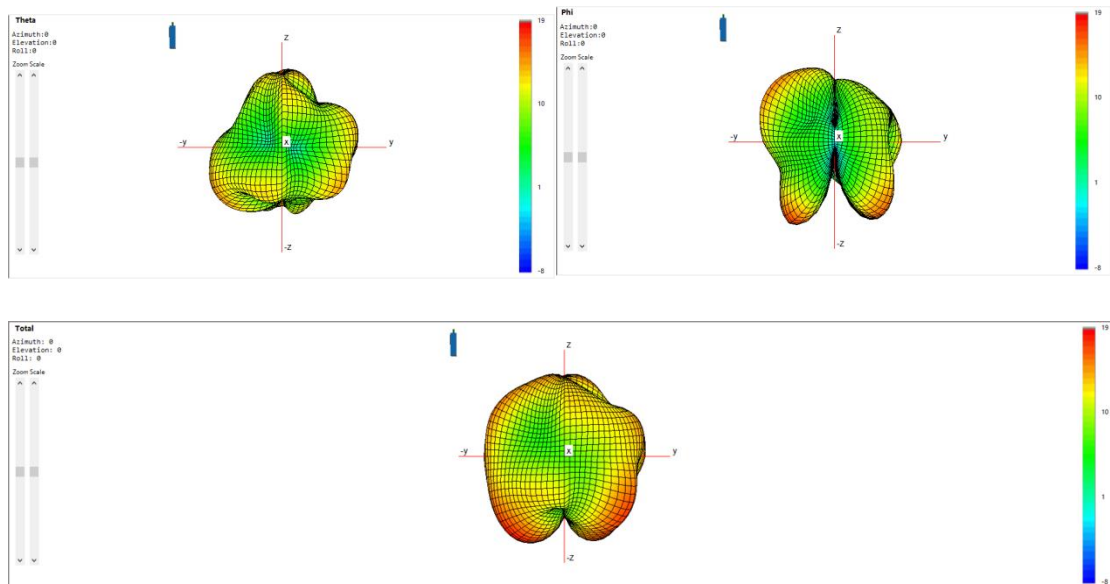
Antenna Gain (dBi)		Ant 2	Ant 9	Ant 10	Antenna Type
2.4G WiFi	2400~2483.5MHz		0	0	Fixed Internal
5G WiFi	5150~5340MHz	1	0.5		Fixed Internal
	5480~5720MHz	1.5	3		Fixed Internal
	5740~5820MHz	-1	1.5		Fixed Internal
BT	2400~2483.5MHz		0		Fixed Internal

### 3D Pattern

2400M(Frequency=2412M)



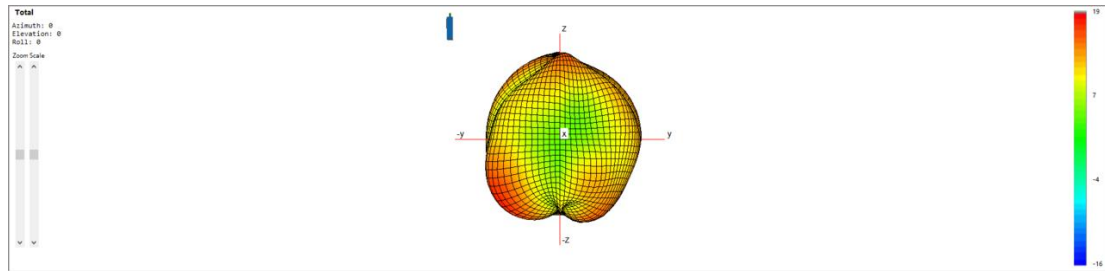
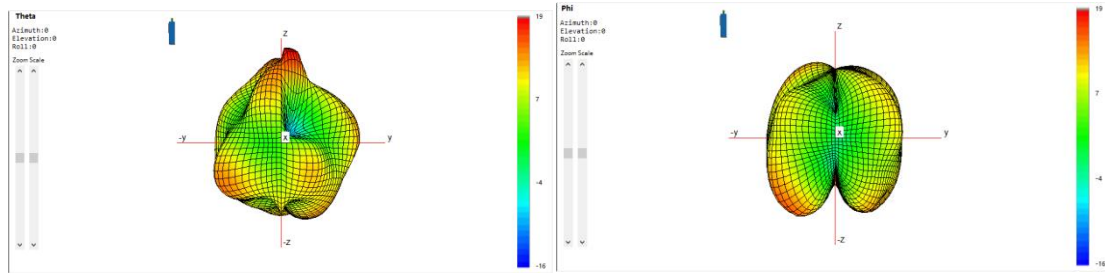
2400M(Frequency=2442M)



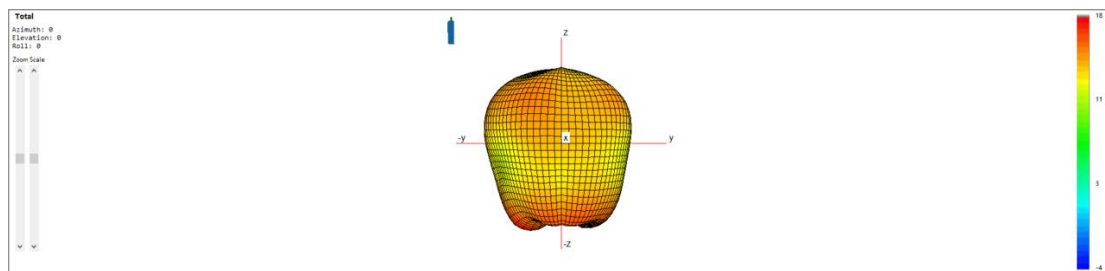
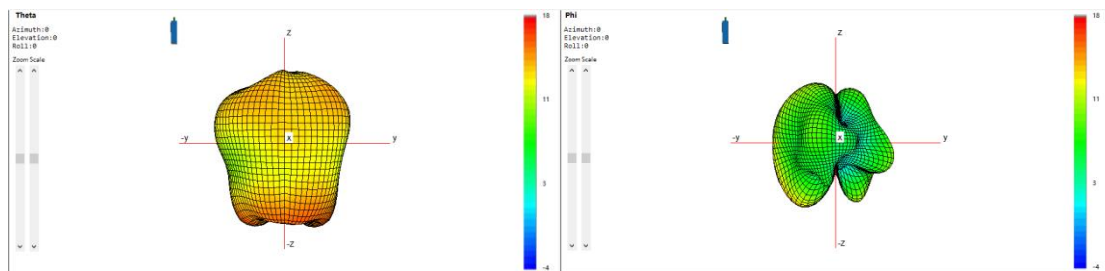
2400M(Frequency=2472M)

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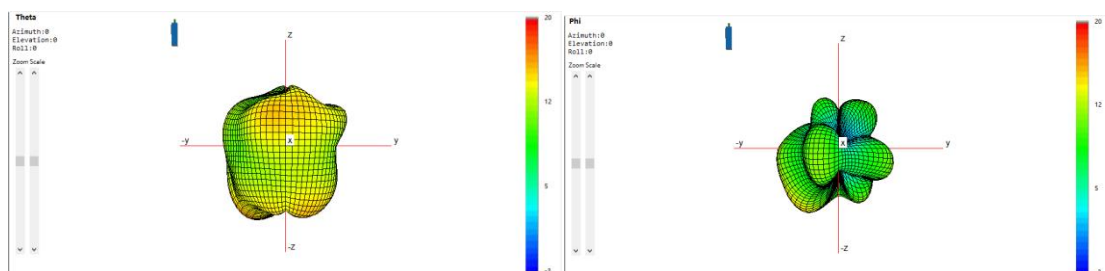
Report No.:OP20220208

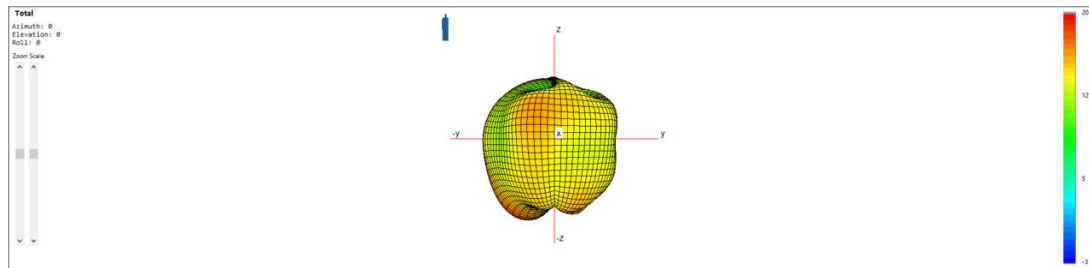


5000M(Frequency=5200M)

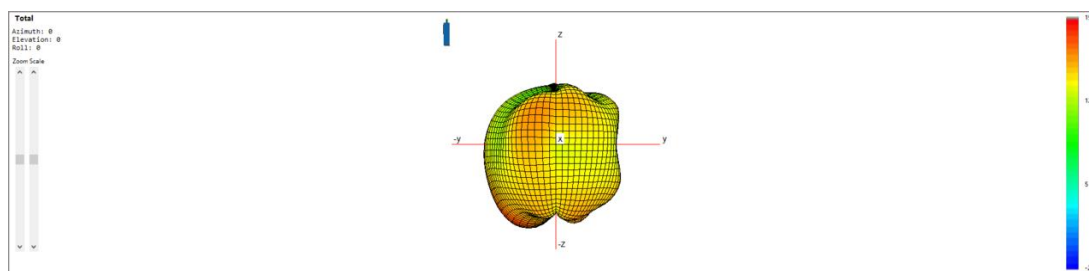
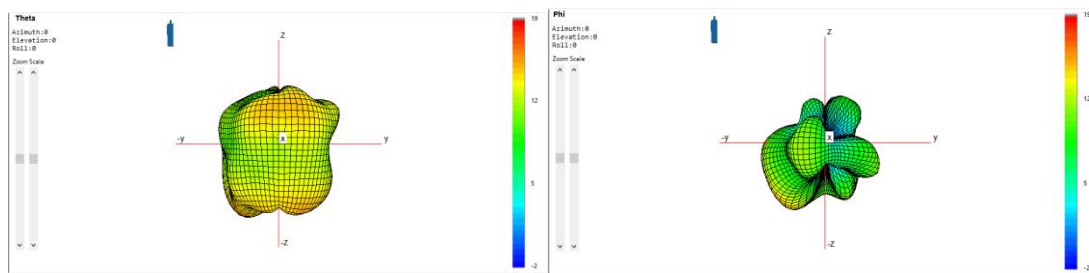


5000M(Frequency=5745M)





5000M(Frequency=5785M)



5000M(Frequency=5825M)

