

## Antenna Gain test report

FCC ID : R9C-OP23262

Equipment : Smart Phone

Brand Name : OPPO

Model Name : CPH2625

Manufacturer : Guangdong OPPO Mobile

Telecommunications Corp., Ltd.

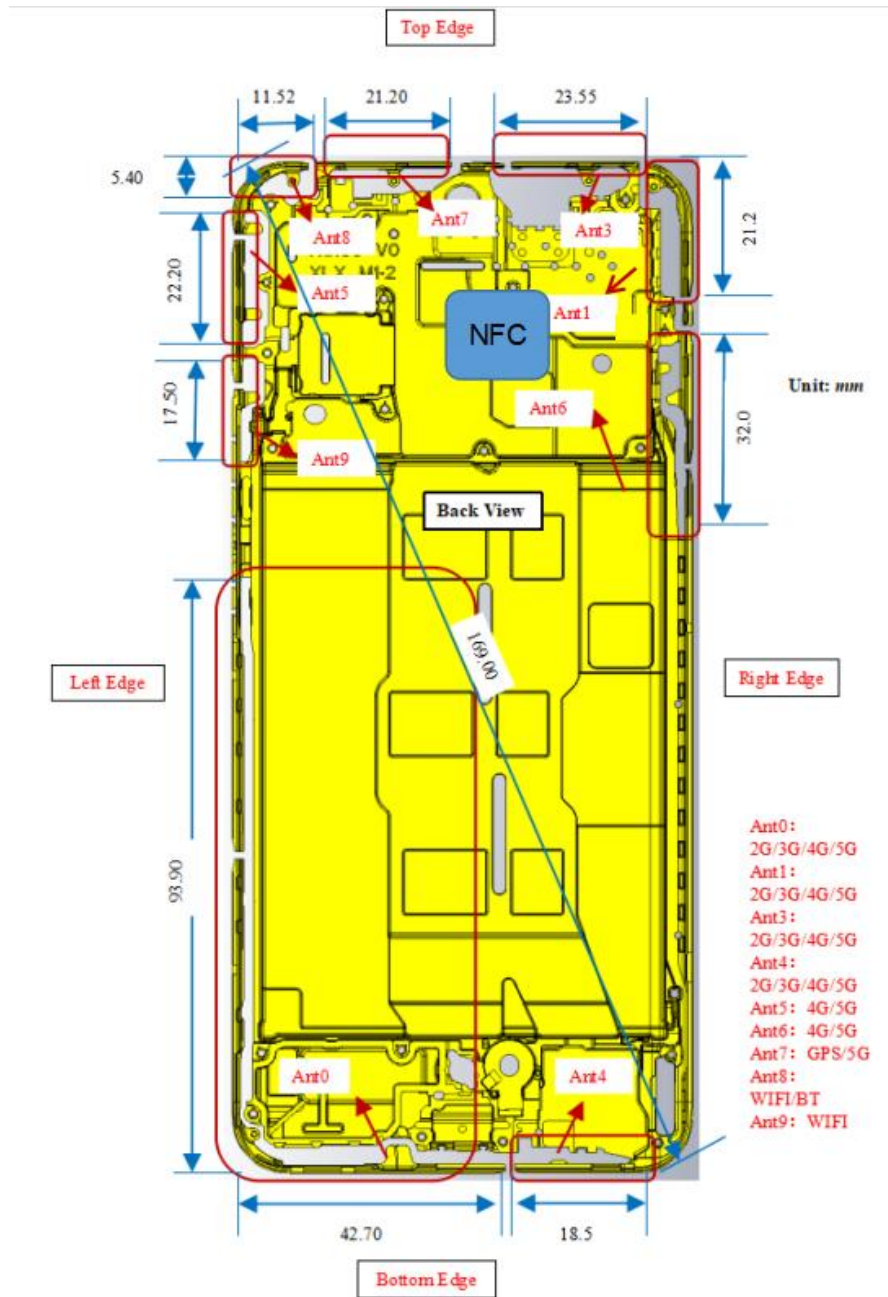
NO.18 Haibin Road, Wusha Village,

Chang'an Town, Dongguan City,

Guangdong, China

Issue Date : Apr 4, 2024

Antenna Location:



**Test Report****Report No.:OP20240402**

Antenna	Support bands
Ant 0	TX/RX GSM 850/900 TX/RX WCDMA B5/6/8/19 TX/RX LTE B5/8/12/13/17/18/19/20/26/28 TX/RX SA N5/8/12/20/26/28
Ant 1	TX/RX GSM 850/900 TX/RX WCDMA B5/6/8/19 TX/RX LTE B5/8/12/13/17/18/19/20/26/28 TX/RX SA N5/8/12/20/26/28/77/78
Ant 3	TX/RX GSM 1800/1900 TX/RX WCDMA B1/2/4 TX/RX LTE B1/2/3/4/7/38/39/40/41/66 TX/RX NR N1/3/7/38/40/41/66
Ant 4	TX/RX GSM 1800/1900 TX/RX WCDMA B1/2/4 TX/RX LTE B1/2/3/4/7/38/39/40/41/66 TX/RX NR N1/3/7/38/40/41/66
Ant 5	RX LTE B1/3/4/7/38/40/41/66 RX NR N1/3/7/38/40/41/66 TX/RX NR N77/78
Ant 6	TX/RX LTE B1/2/3/4/7/38/39/40/41/66 TX/RX NR N1/3/7/38/40/41/66/77/78
Ant 7	GPS TX/RX NR N77/78
Ant 8	TX/RX WIFI/BT
Ant 9	TX/RX WIFI

**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

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

Category: A

<b>Antenna Type</b>	Fixed Internal
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Antenna Gain (dBi)			Ant 0	Ant 1	Ant 3	Ant 4	Ant 5	Ant 6	Ant 7	Ant 8	Ant 9
<b>GSM 850/900/1800/1900</b>											
GSM 850	824 - 849 MHz	Support	-7.7	-8.2							
GSM 900	880 - 915 MHz	Support	-6.2	-6.9							
DCS 1800	1710 - 1785 MHz	Support			-2.8	-3.3					
PCS 1900	1850 - 1910 MHz	Support			-5.6	-2.6					
<b>WCDMA band 1/2/4/5/6/8/19</b>											
WCDMA band 1	1920 - 1980 MHz	Support			-6	-2.6					
WCDMA band 2	1850 - 1910 MHz	Support			-5.6	-2.6					
WCDMA	1710	Support			-3.1	-3.6					

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band 4	-1755MHz										
WCDMA band 5	824 - 849MHz	Support	-7.7	-8.2							
WCDMA band 6	830 - 840 MHz	Support	-7.5	-8.1							
WCDMA band 8	880 - 915 MHz	Support	-6.2	-6.9							
WCDMA band 19	830 - 845 MHz	Support	-7.2	-8							
<b>LTE Band</b> <b>1/2/3/4/5/7/8/12/17/18/19/20/26/28/38/39/40/41/66</b>											
LTE band 1	1920 - 1980 MHz	Support			-6	-2.6		-5.6			
LTE band 2	1850 - 1910 MHz	Support			-5.6	-2.6		-6.7			
LTE band 3	1710 - 1785 MHz	Support			-2.8	-3.3		-9.2			
LTE band 4	1710 - 1755 MHz	Support			-3.1	-3.6		-9.6			
LTE band 5	824 - 849 MHz	Support	-7.7	-8.2							
LTE band 7	2500 - 2570 MHz	Support			-0.8	-2.2		-5.9			
LTE band 8	880 - 915 MHz	Support	-6.2	-6.9							
LTE band 12	699 - 716 MHz	Support	-6.8	-8.1							
LTE band 13	777 - 787 MHz	Support	-7.3	-7.3							
LTE band 17	704 - 716 MHz	Support	-6.8	-8.4							

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LTE band 18	815 - 830 MHz	Support	-9.2	-8.2						
LTE band 19	830 - 845 MHz	Support	-7.2	-8						
LTE band 20	832 - 862 MHz	Support	-7.2	-8.5						
LTE band 26	814 - 849 MHz	Support	-8.2	-8.3						
LTE band 28	703 - 748 MHz	Support	-6.3	-7.7						
LTE band 38	2570 - 2620 MHz	Support			-1.4	-2.7		-7		
LTE band 39	1880 - 1920 MHz	Support			-6.1	-2.7		-6.3		
LTE band 40	2300 - 2400 MHz	Support			-1.9	-2.3		-6.2		
LTE band 41	2496 - 2690 MHz	Support			-1.4	-3.5		-6.4		
LTE band 66	1710 - 1780 MHz	Support			-2.9	-3.3		-9.2		
<b>NR FR1:</b>										
<b>n1/2/3/5/7/8/12/20/28/38/40/41/77/78</b>										
n1	1920 - 1980 MHz	Support			-6	-2.6		-5.6		
n2	1850 - 1910 MHz	Support			-5.6	-2.6		-6.7		
n3	1710 - 1785 MHz	Support			-2.8	-3.3		-9.2		

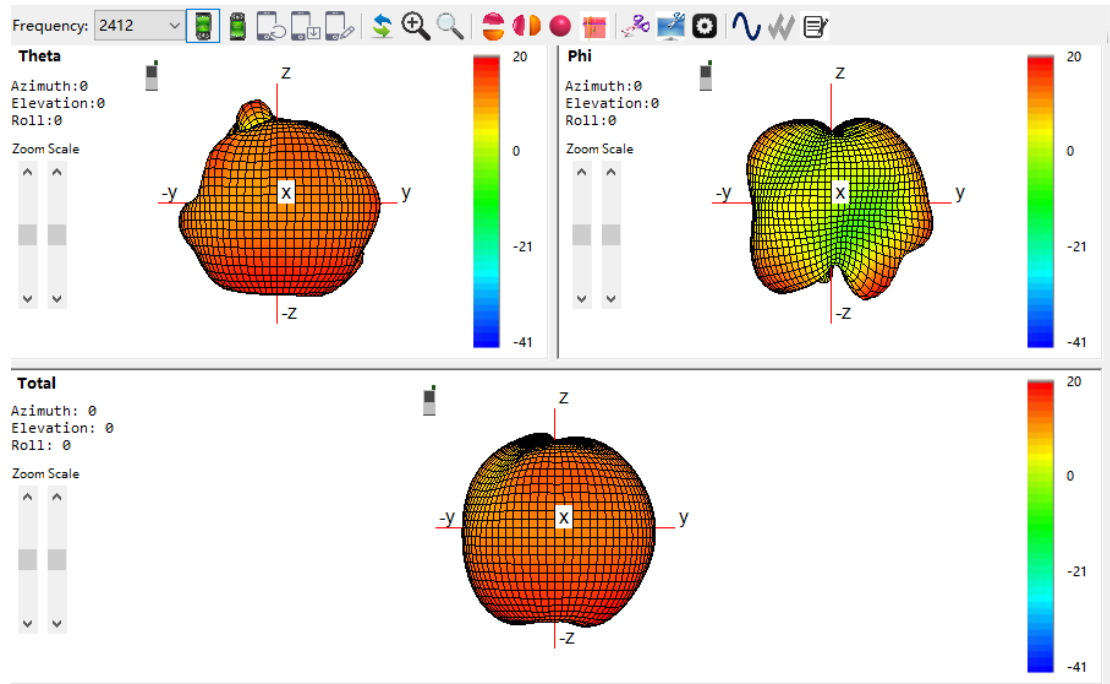




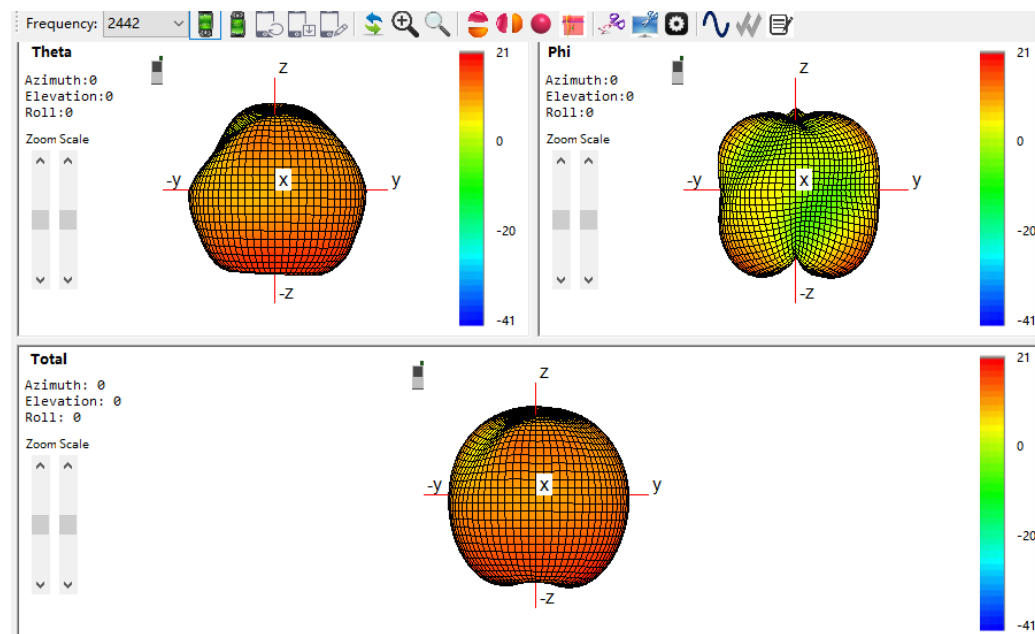


### 3D Pattern

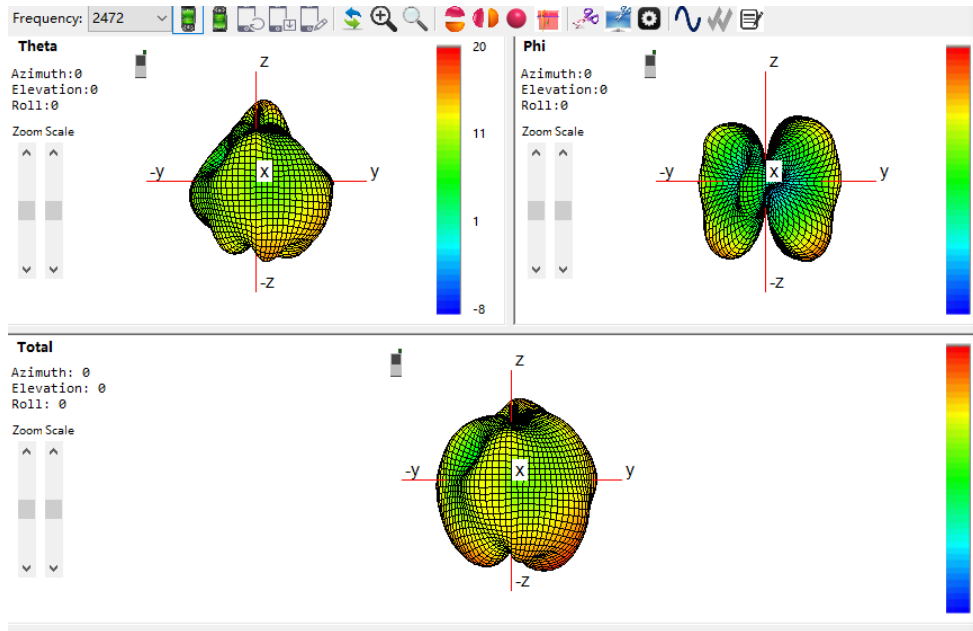
2400M(Frequency=2412M)



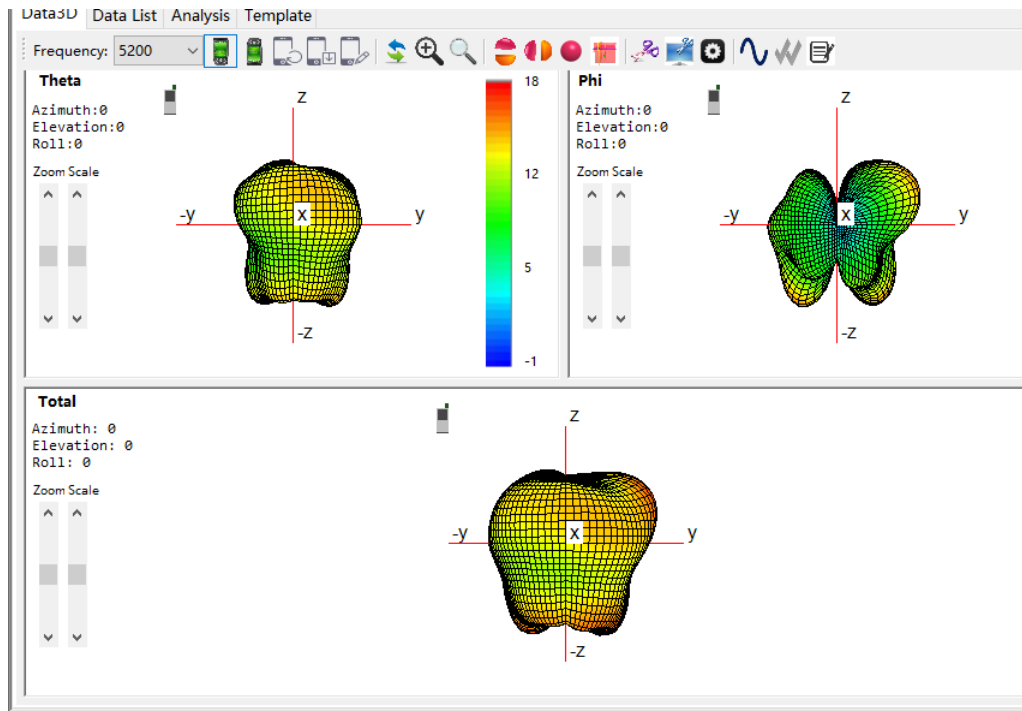
2400M(Frequency=2442M)



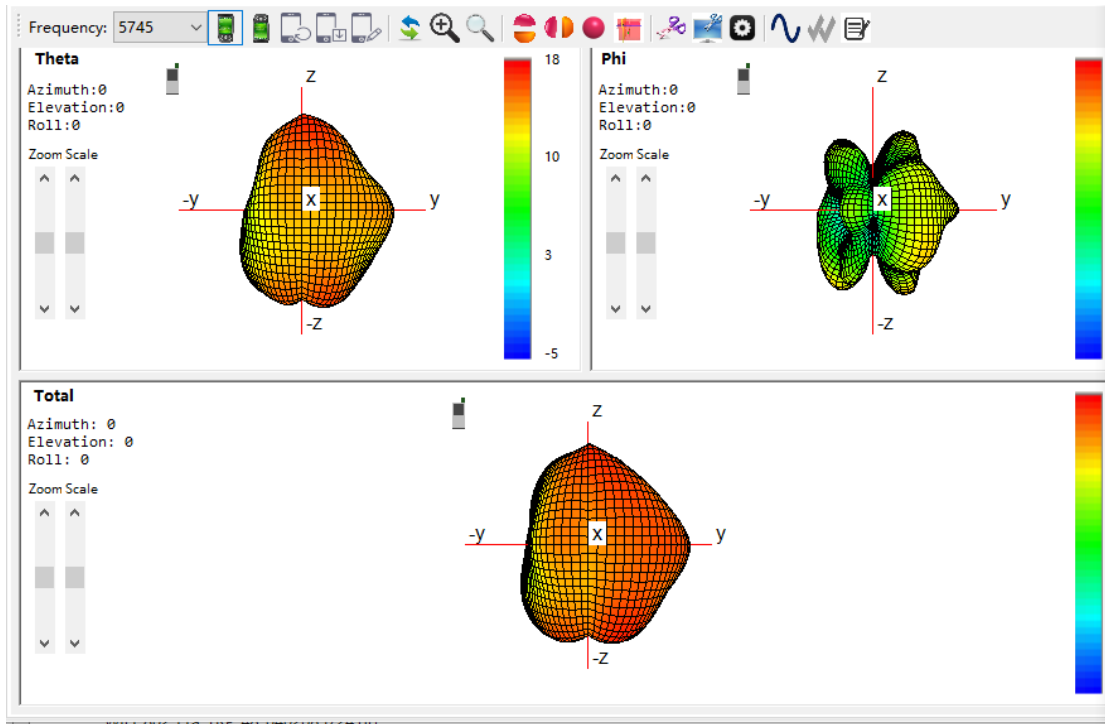
2400M(Frequency=2472M)



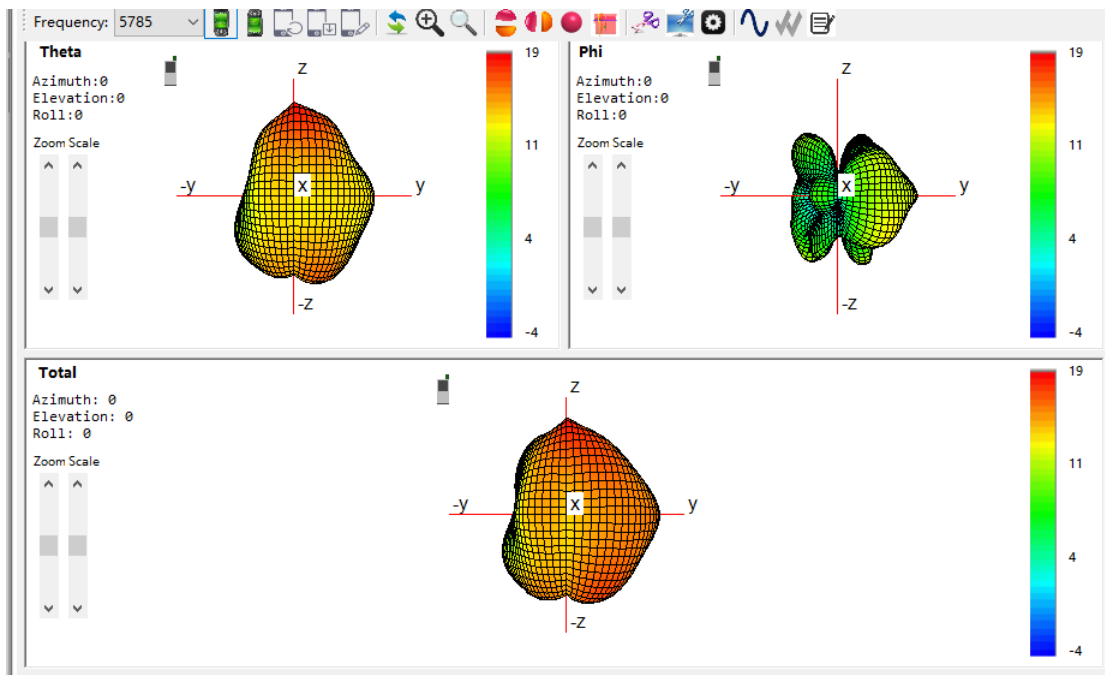
5000M(Frequency=5200M)



5000M(Frequency=5745M)



5000M(Frequency=5785M)



5000M(Frequency=5825M)

