

Antenna Gain test report

FCC ID: R9C-CPH2565

Equipment: Smart Phone

Brand Name: OPPO

Model Name: CPH2565

Manufacturer: Guangdong OPPO Mobile

Telecommunications Corp., Ltd.

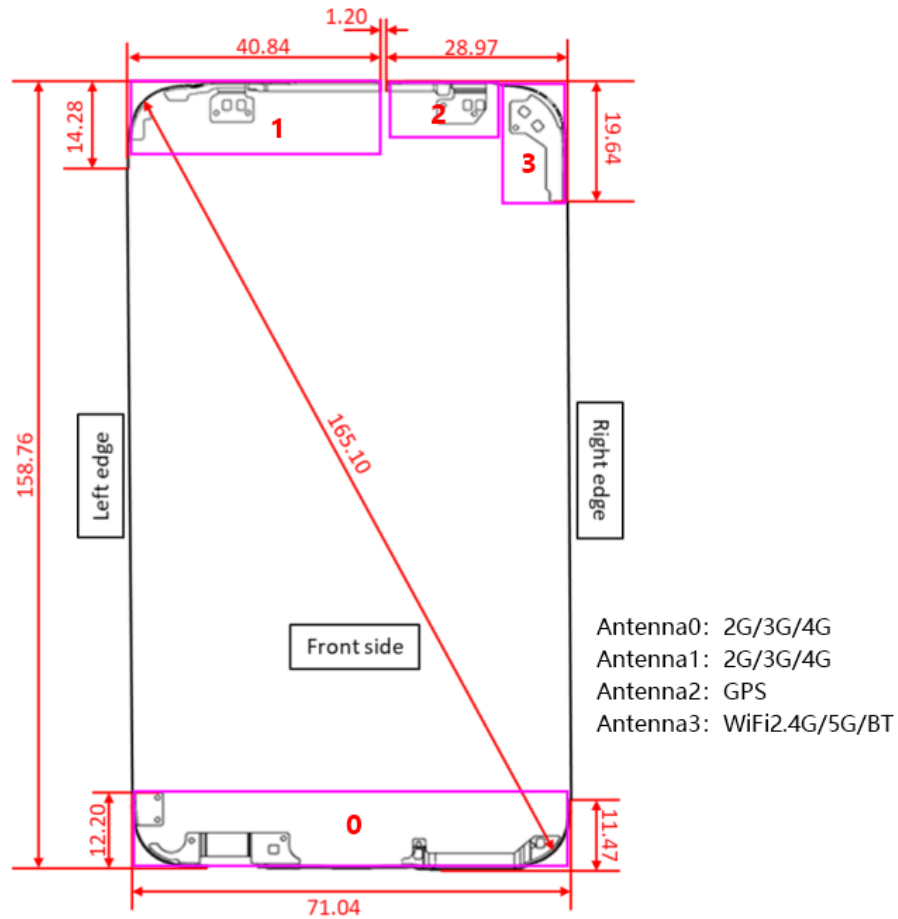
NO.18 Haibin Road, Wusha Village,

Chang'an Town, Dongguan City,

Guangdong, China

Issue Date: Apr 6, 2023

Antenna Location:



Antenna	Support bands
Ant 0	GSM:850/900/1800/1900 3G:WCDMA B1/2/4/5/8/6/19 4G:B1/2/3/4/5/26/18/19/7/8/12/17/13/28/66/38/40/41
Ant 1	GSM:850/900/1800/1900 3G:WCDMA B1/2/4/5/8/6/19 4G:B1/2/3/4/5/26/18/19/7/8/12/17/13/28/66/38/40/41
Ant 2	GPS
Ant 3	wifi 2.4/5G/BT

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

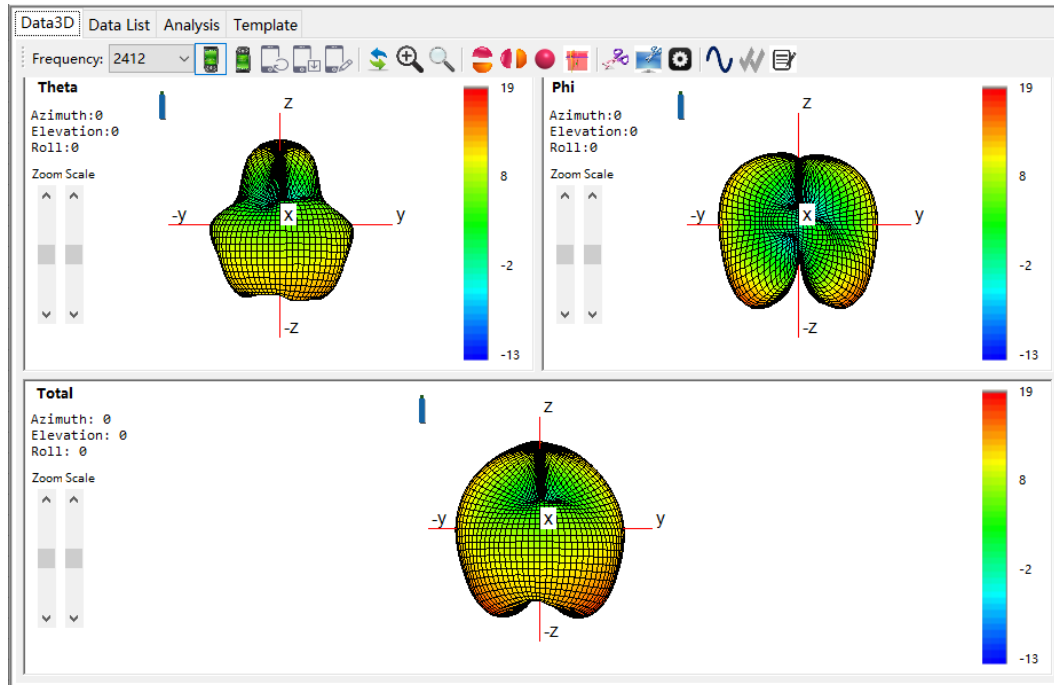
Antenna Gain (dBi)		Ant 0	Ant 1	Ant 2	Ant 3	Ant 4	Ant 5	Antenna Type
GSM 850	824 - 849 MHz	-4.31	-5.53					Fixed Internal
GSM 900	880 - 915 MHz	-5.04	-5.03					Fixed Internal
DCS 1800	1710 - 1785 MHz	-2.42	-0.91					Fixed Internal
PCS 1900	1850 - 1910 MHz	-1.76	0.09					Fixed Internal
WCDMA band 1	1920 - 1980 MHz	-2.28	0.91					Fixed Internal
WCDMA band 2	1850 -1910 MHz	-1.76	0.09					Fixed Internal
WCDMA band 4	1710 -1755MHz	-2.42	-0.91					Fixed Internal
WCDMA band 5	824 - 849MHz	-4.31	-5.53					Fixed Internal
WCDMA band 6	830 - 840 MHz	-4.31	-5.53					Fixed Internal
WCDMA band 8	880 - 915 MHz	-5.04	-5.03					Fixed Internal
WCDMA band 19	830 - 845 MHz	-4.31	-5.53					Fixed Internal
LTE band 1	1920 - 1980 MHz	-2.28	0.907					Fixed Internal
LTE band 2	1850 - 1910 MHz	-1.76	0.09					Fixed Internal
LTE band 3	1710 - 1785 MHz	-2.42	-0.91					Fixed Internal
LTE band 4	1710 - 1755 MHz	-2.42	-0.91					Fixed Internal

LTE band 5	824 - 849 MHz	-4.31	-5.53					Fixed Internal
LTE band 7	2500 - 2570 MHz	-0.66	0.405					Fixed Internal
LTE band 8	880 - 915 MHz	-5.04	-5.03					Fixed Internal
LTE band 12	699 - 716 MHz	-4.3	-6.9					
LTE band 13	777 - 787 MHz	-4.3	-6.9					Fixed Internal
LTE band 17	704 - 716 MHz	-4.3	-6.86					Fixed Internal
LTE band 18	815 - 830 MHz	-4.31	-5.53					Fixed Internal
LTE band 19	830 - 845 MHz	-4.31	-5.53					Fixed Internal
LTE band 20	832 - 862 MHz							Fixed Internal
LTE band 26	814 - 849 MHz	-4.31	-5.53					Fixed Internal
LTE band 28	703 - 748 MHz	-4.3	-6.86					Fixed Internal
LTE band 38	2570 - 2620 MHz	-1.18	0.26					Fixed Internal
LTE band 39	1880 - 1920 MHz							Fixed Internal
LTE band 40	2300 - 2400 MHz	-1.56	2.06					Fixed Internal
LTE band 41	2496 - 2690 MHz	-1.18	0.26					Fixed Internal
LTE band 66	1710 - 1780 MHz	-2.42	-0.91					Fixed Internal

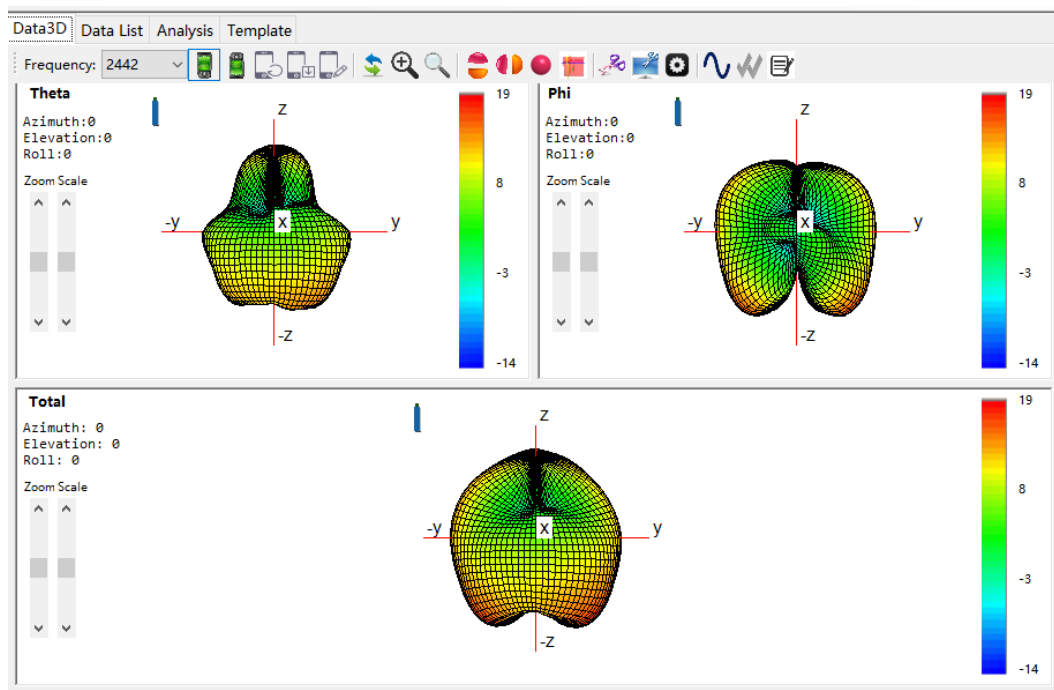
2.4G WiFi	2400~2483.5MHz				0.29			Fixed Internal
5G WiFi BT	5150~5340MHz				1.61			Fixed Internal
	5480~5720MHz				2.12			Fixed Internal
	5740~5820MHz				2.05			Fixed Internal
	2400~2483.5MHz				0.29			Fixed Internal

3D Pattern

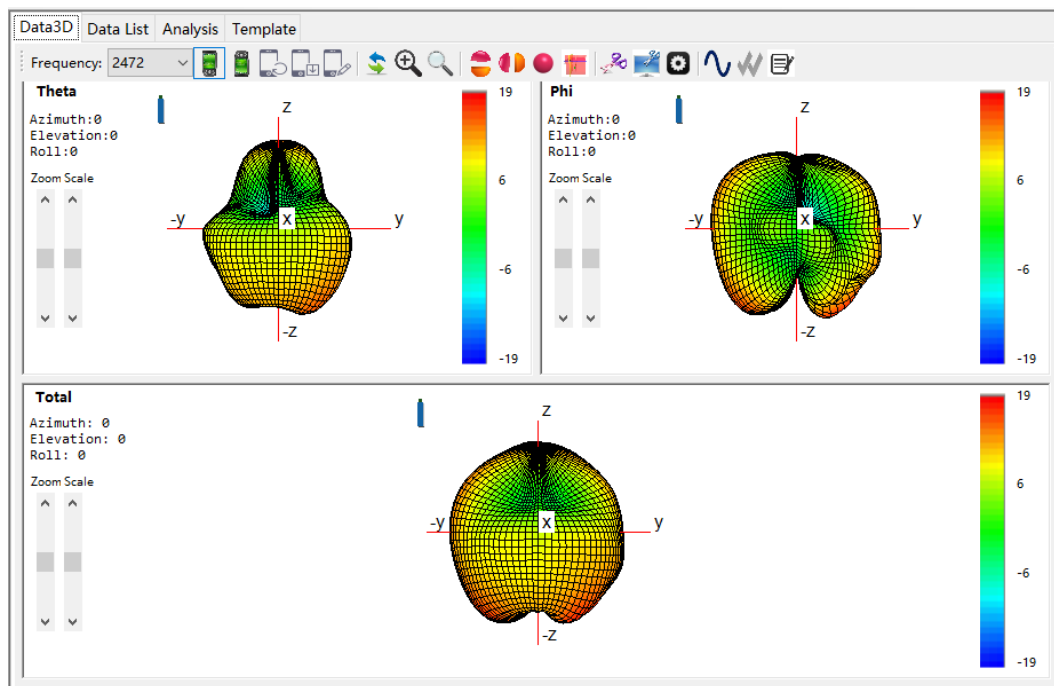
2400M(Frequency=2412M)



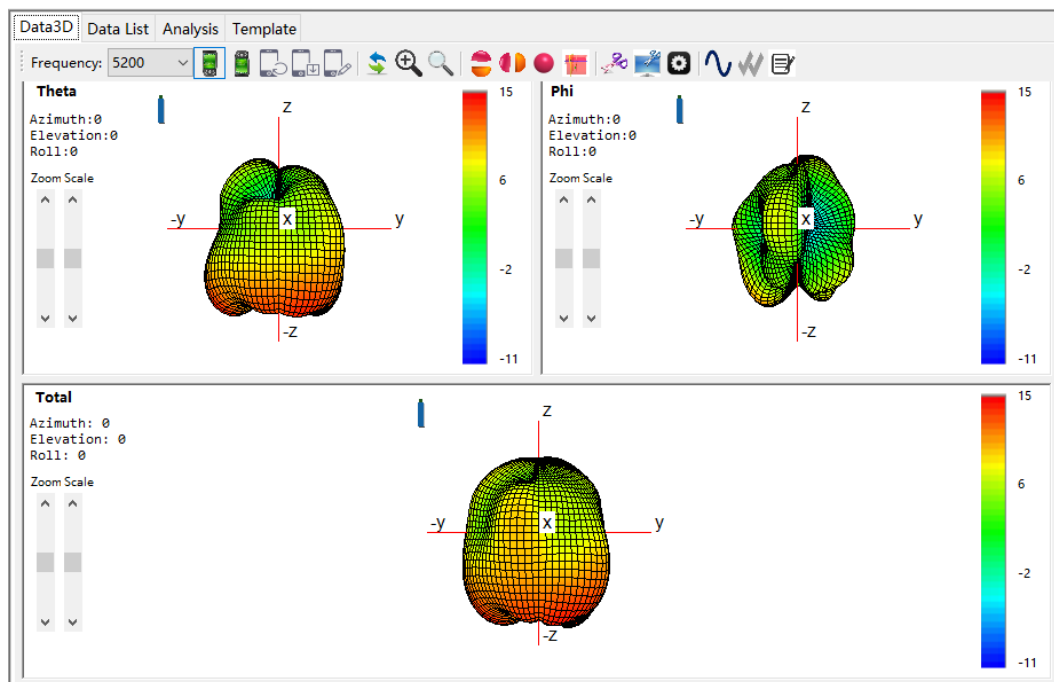
2400M(Frequency=2442M)



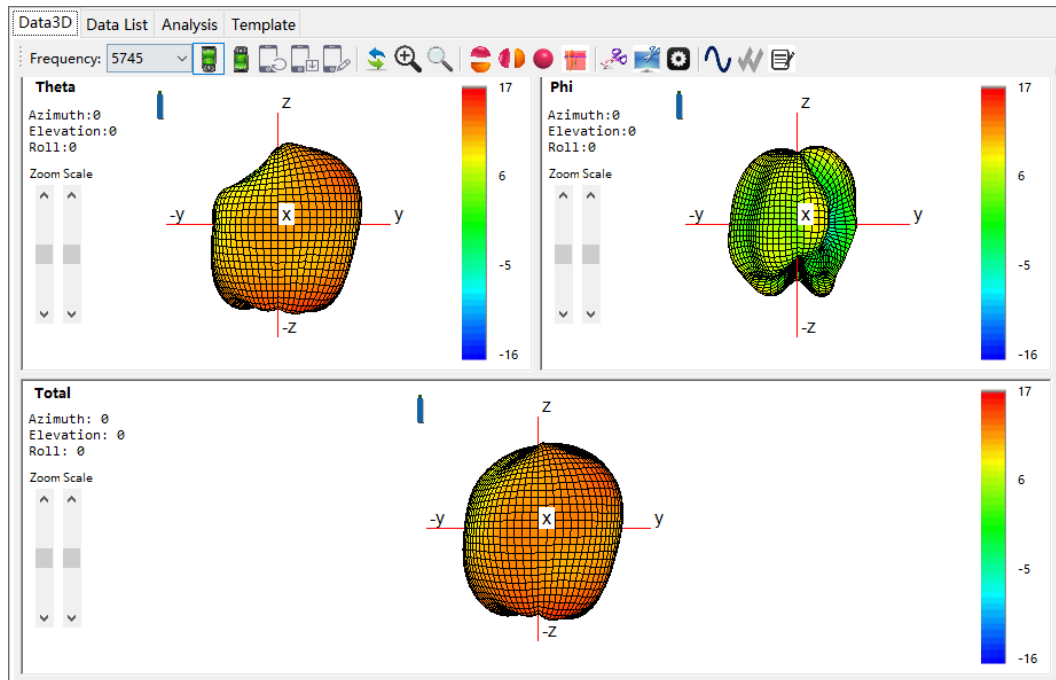
2400M(Frequency=2472M)



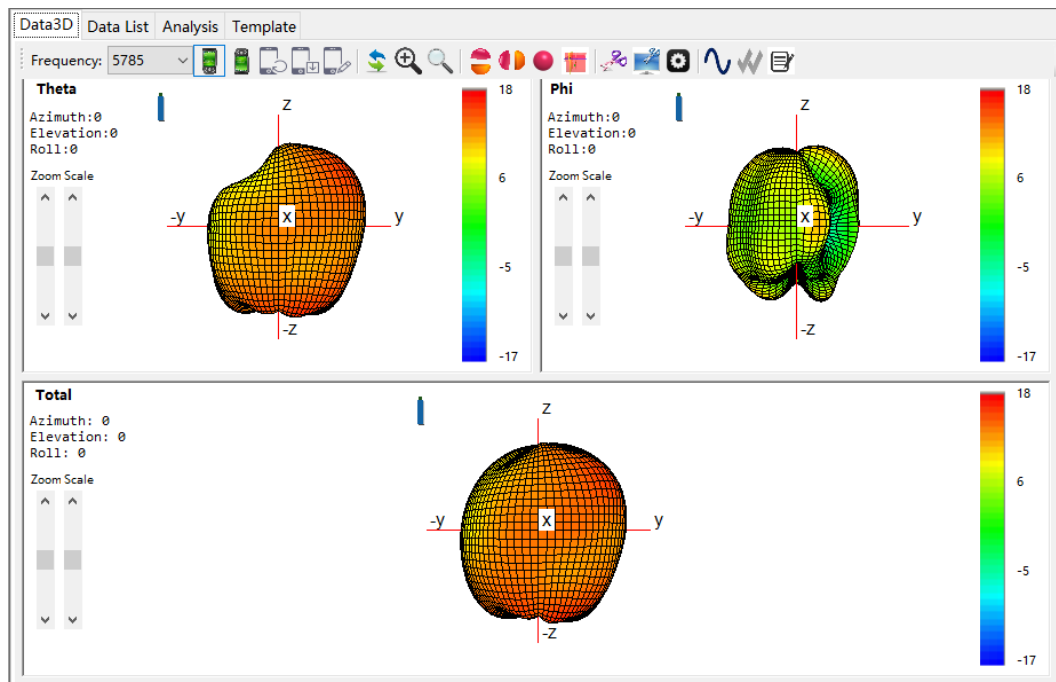
5000M(Frequency=5200M)



5000M(Frequency=5745M)



5000M(Frequency=5785M)



5000M(Frequency=5825M)

