
Antenna Reports

Company: OPPO Guangdong Mobile Telecommunications Co., Ltd.

Model name:dunhuang (OPD2408)

Issue date: 2024/08/20

Documented by: _____ Lin Xiaoming_____

Test by: _____  _____

Antenna Summary Table

Check items	Information
Provided by lab	oppo lab (GTS)
Manufacturer/ Brand name	Longcheer Electronics(HuiZhou) Co.,Ltd.
Model name (Part number)	GTS2800
Test environment	OPPO Dongguan RD team Lab with GTS2800 chamber
Test software	GTS MaxSign-RayZone2800C_Z
List of calibrated test equipment	GTS2800 with calibrated date: 2024-06-30 Due date:2025-06-29 Anritsu MT8821C with calibrated date: 2024-06-30 Due date:2025-06-29
Antenna detail info.	ANT0: BT/WiFi2.4G / 5G antenna (2.4~2.5GHz, 5.15-5.85GHz), Cavity antenna. ANT1: WiFi2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.85GHz), Cavity antenna. WPT: (100—128KHz, Ls:20uH, Q:55) Coil antenna
Antenna gain test data	Included antenna frequency, gain pattern

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

Antenna Test data:

ANT0

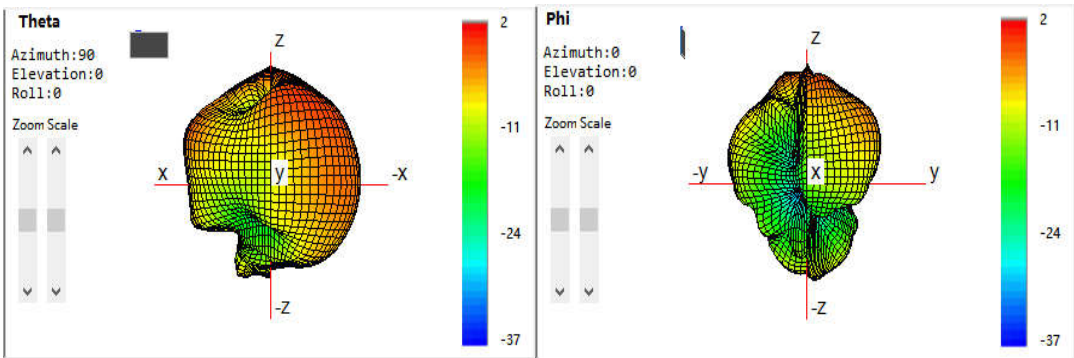
Antenna model name: Insert molding metal

Antenna type: Cavity antenna

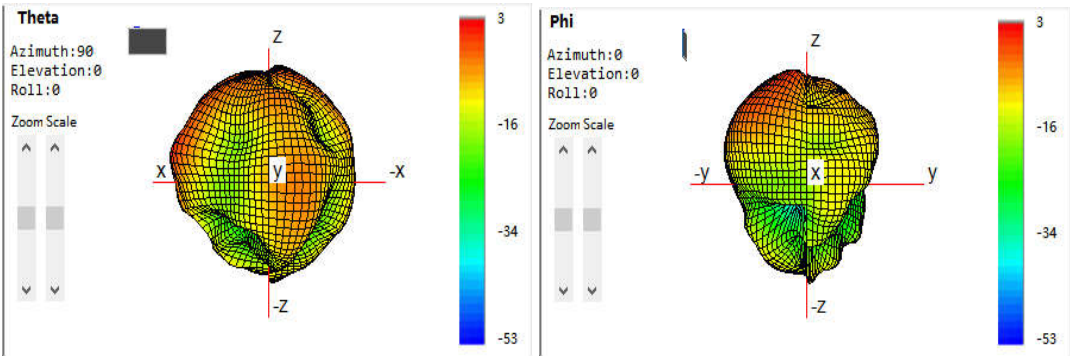
BT/WLAN Peak Gain (dBi)			
2400~2500MHz	-1.4		
5150~5250MHz	-0.8	5470~5725MHz	-1.2
5250~5350MHz	-0.8	5725~5850MHz	-1.1

(Rear view– Front view)

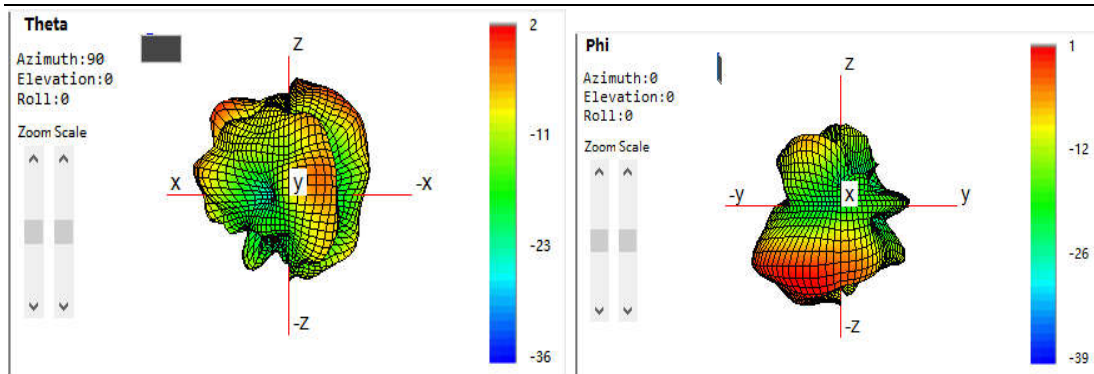
WIFI 2.4G (2450 MHz)



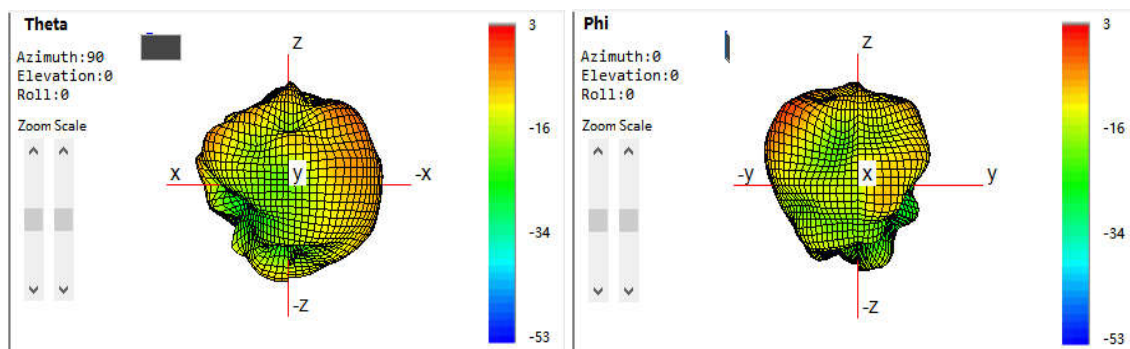
WIFI 5G (5200 MHz)



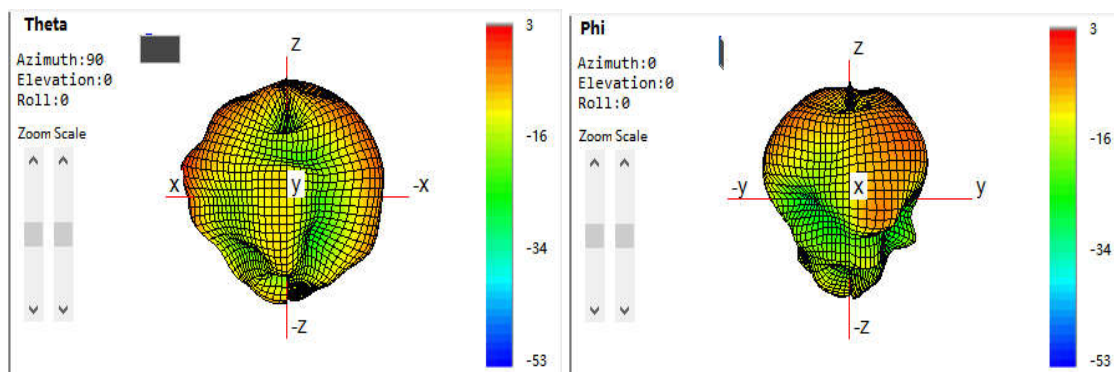
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



ANT1

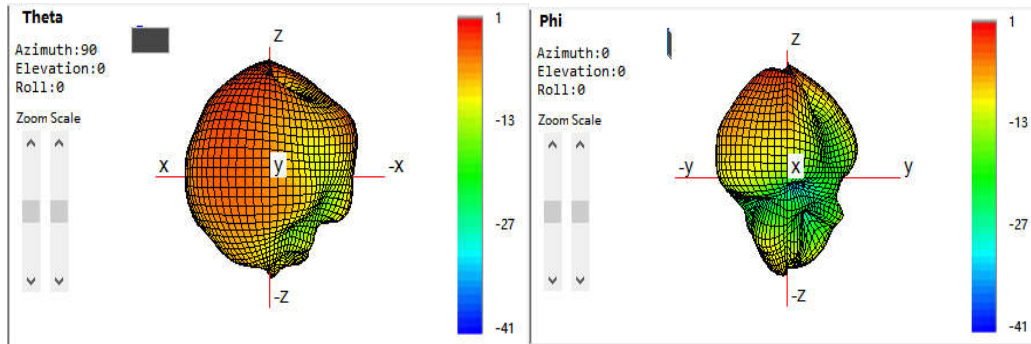
Antenna model name: Insert molding metal

Antenna type: Cavity antenna

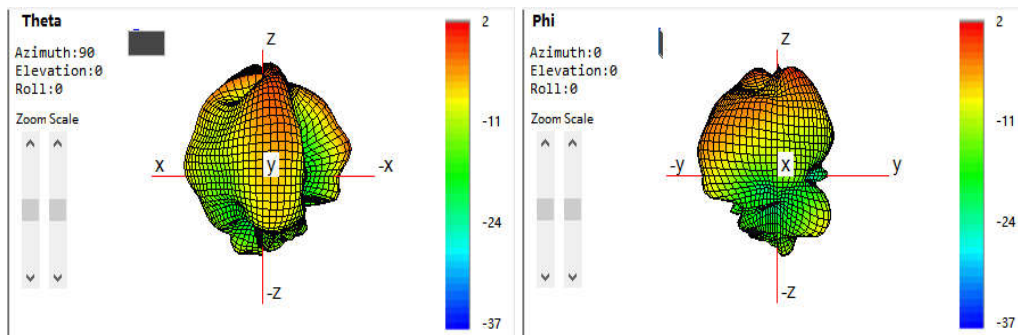
WLAN Peak Gain (dBi)			
2400~2500MHz	-1.5		
5150~5250MHz	-0.11	5470~5725MHz	-0.72
5250~5350MHz	-0.11	5725~5850MHz	-0.92

(Rear view– Front view)

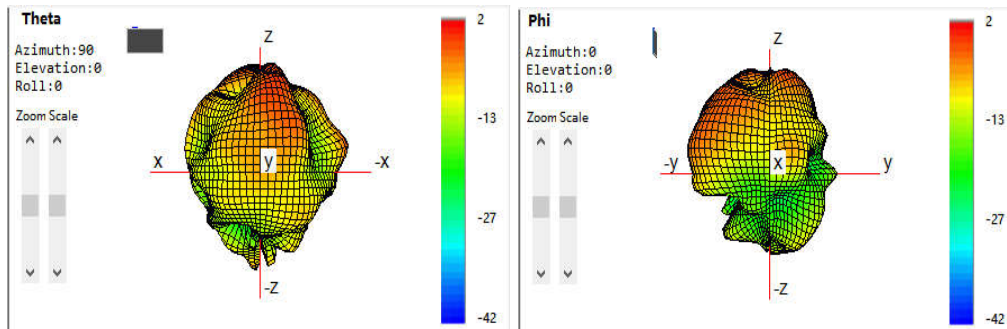
WIFI 2.4G (2450 MHz)



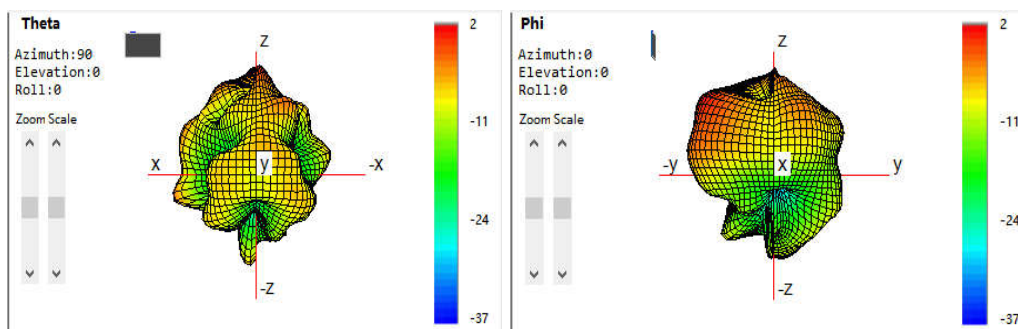
WIFI 5G (5200 MHz)



WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)

