
Antenna Reports

Company: Motorola Mobility LLC

Phone Model name: XT2429-1/XT2429-2

Issue date: 2024/01/10

Documented by: _____  _____

Antenna Summary Table

Check items	Information
Provided by lab	HaiTong internal lab (GTS)
Manufacturer/ Brand name	General test
Model name (Part number)	Rayzone2800
Test environment	Motorola Beijing RD team Lab with GTS2800 chamber
List of calibrated test equipment	GTS2800 with calibrated date: 2024/01/05
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT5: WiFi 5G (5.15~5.85GHz), IFA type antenna. ANT6:GPS; WiFi 2.4G(1.575GHz,(2.4~2.5GHz), IFA type ANT8: WiFi2.4G / 5G (2.4~2.5GHz, 5.15~5.85GHz), LOOP type antenna. NFC Antenna: Differential port to excite loop+ Ferrite sheet with dimension 29.7 mm *29.6mm * 0.25mm
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:

ANT5

Antenna model name: Rayzone2800

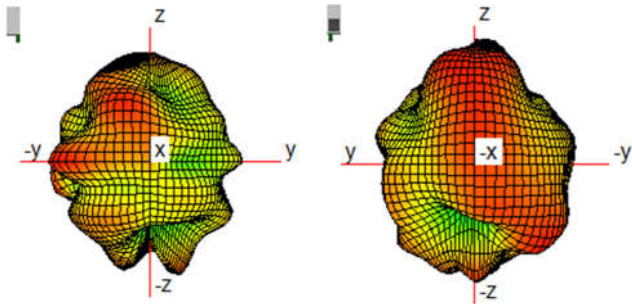
Software version: U2UU34.16

Antenna type: IFA

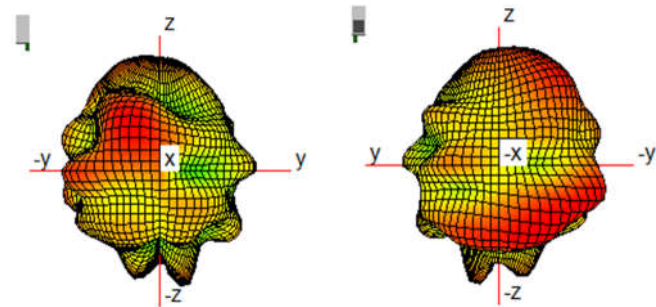
WLAN Peak Gain (dBi)			
5150~5250MHz	-3.13	5470~5725MHz	-3.8
5250~5350MHz	-3.1	5725~5850MHz	-8.3

(Rear view– Front view)

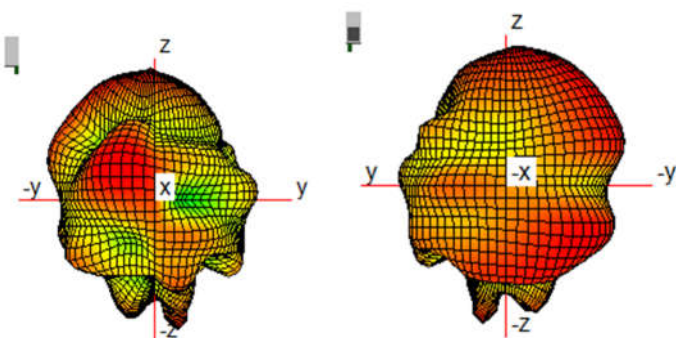
WIFI 5G (5200 MHz)



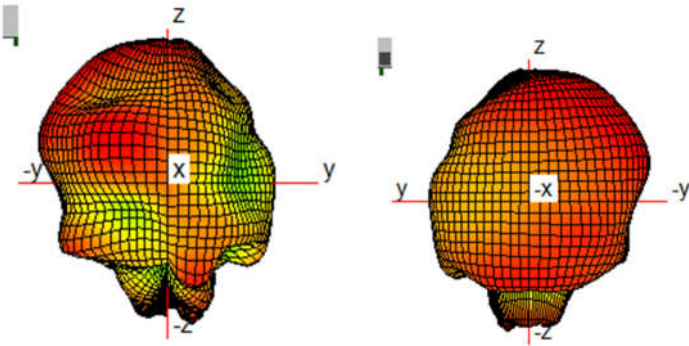
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



ANT6

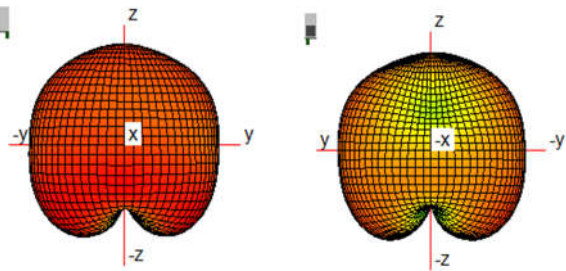
Antenna model name: Rayzone2800

Antenna type: IFA

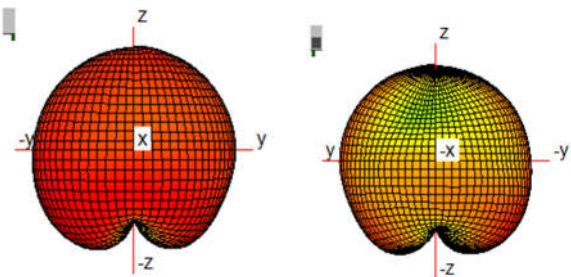
GPS +BT/WLAN Peak Gain (dBi)			
1575MHz	-4.42	2400~2483.5MHz	-7.2

(Rear view– Front view)

GPS (1575 MHz)



WIFI 2.4G (2450 MHz)



ANT8

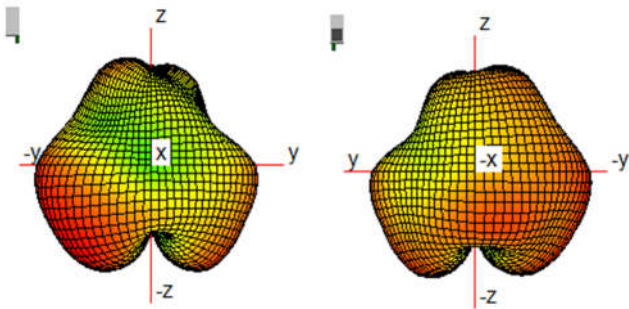
Antenna model name: Rayzone2800

Antenna type: Loop

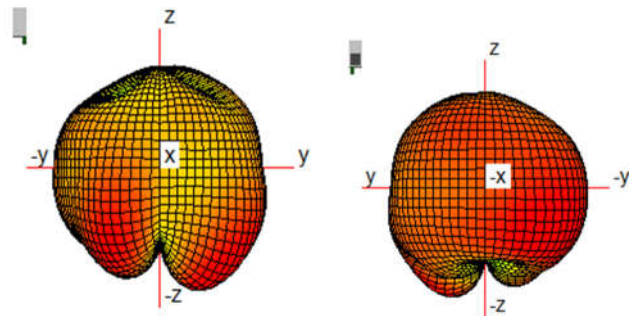
BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	-6.1	5470~5725MHz	-6.5
5150~5250MHz	-2.98	5725~5850MHz	-8.3
5250~5350MHz	-3.9		

(Rear view– Front view)

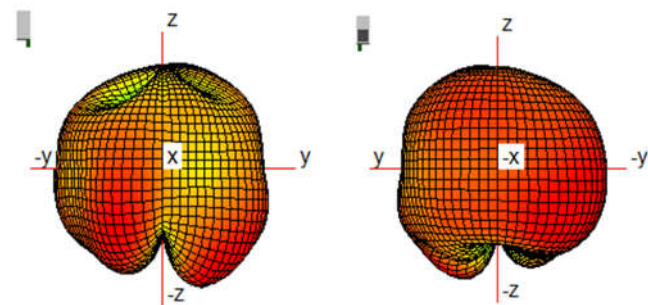
WIFI 2.4G (2450 MHz)



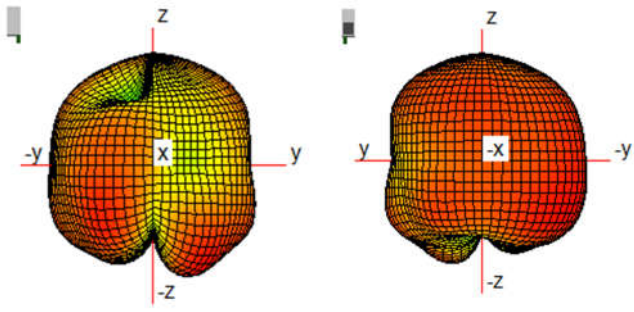
WIFI 5G (5200 MHz)



WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)

