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# Antenna Reports

Main Antenna vendor: Motorola

Test lab: Motorola internal lab (by GTS RayZone2800)

Antenna model name: Midframe

Issue date: 2023/01/03

## Antenna Summary Table

Check items	Information
Provided by lab	Motorola internal lab (by GTS RayZone2800)
Manufacturer/ Brand name	Motorola
Manufacturer address	222 W,Merchandise Mart Plaza, Chicago IL 60654 USA
Model name (Part number)	Midframe
Test environment	Motorola Shanghai RD team Lab with GTS RayZone2800 chamber
Test software	MaxSign Libra
List of calibrated test equipment	GTS RayZone2800 with calibrated date: On October 23, 2022
Antenna detail info.	ANT3: WiFi2.4G antenna (2.4~2.5GHz), ILA antenna. ANT5:WiFi 5G antenna(5.15~5.85GHz), Loop antenna. NFC Antenna: Differential port to excite Loop + Ferrite sheet with dimension 450 mm <sup>3</sup>
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.

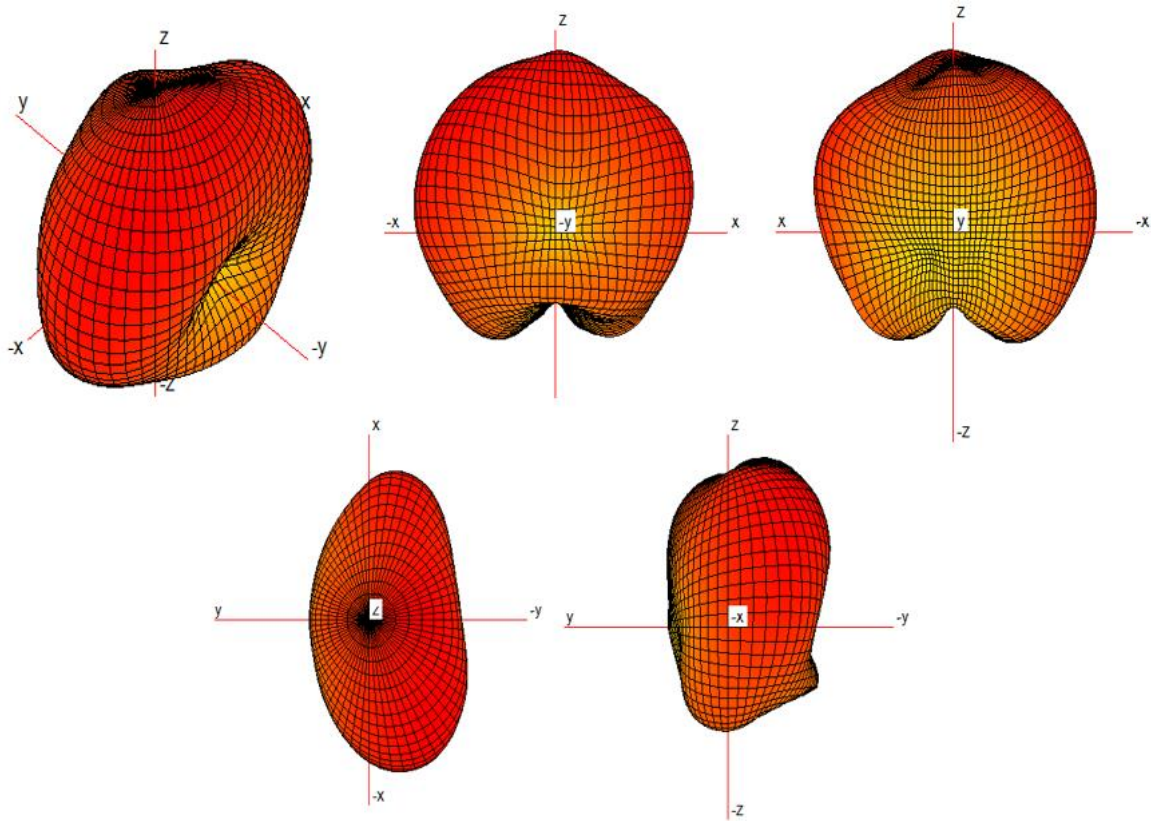
### ANT3//5

Antenna model name: Midframe

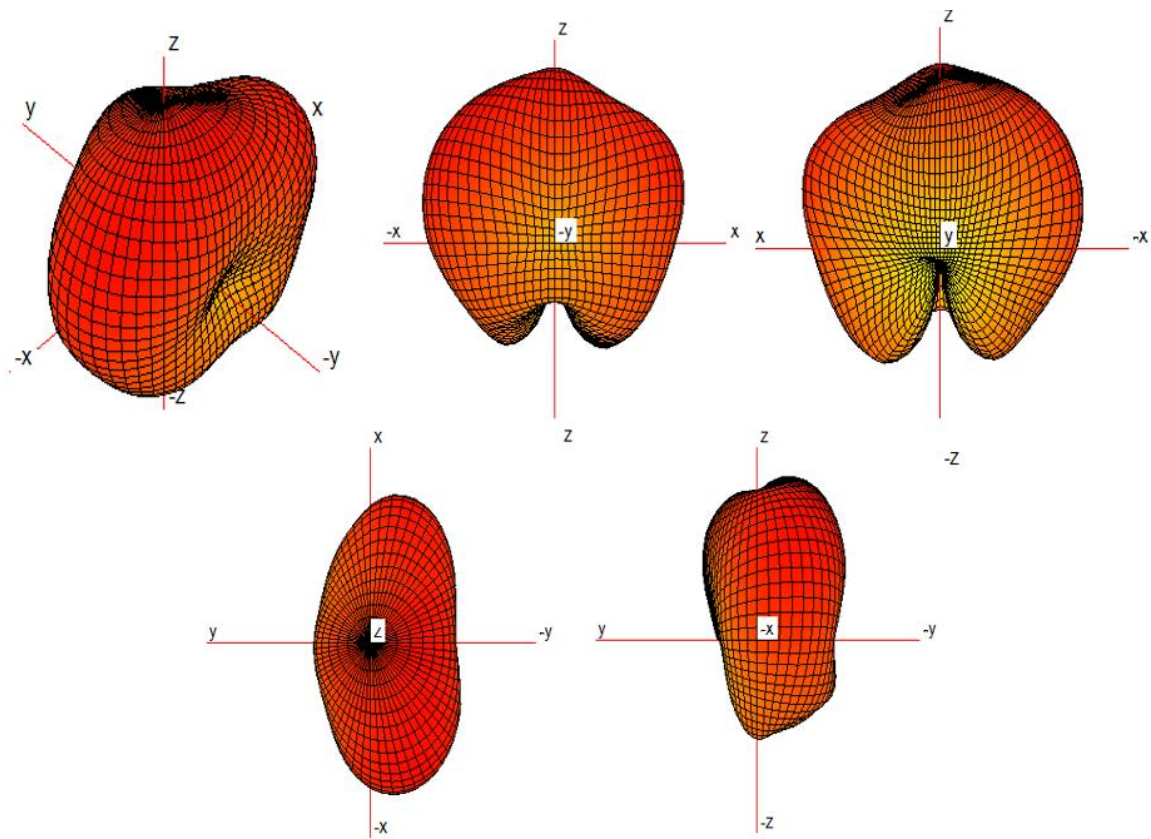
BT/WLAN CH0 Peak Gain (dBi)			
2400~2483.5MHz	-5.5 dBi		
5150~5250MHz	-4 dBi		
5250~5350MHz	-4.5 dBi		
5470~5725MHz	-4 dBi		
5725~5850MHz	-5 dBi		

### ANT3- WiFi 2.4G CH0

2420MHz

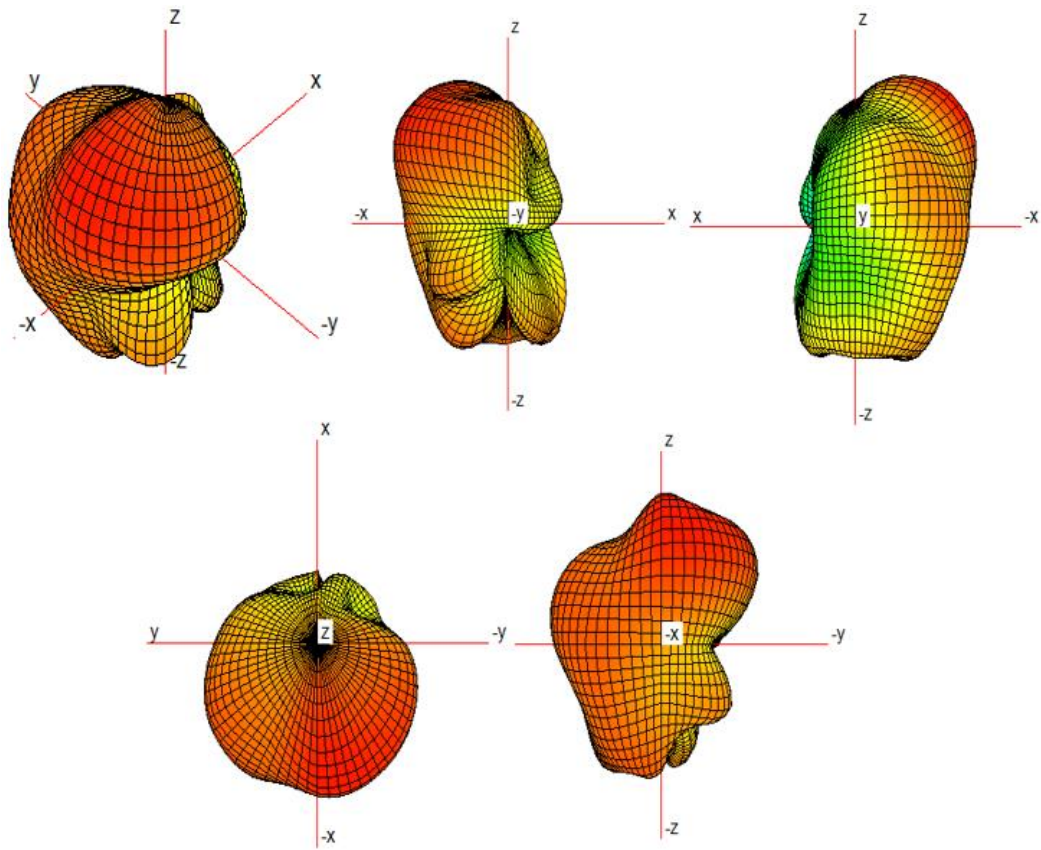


2450MHz

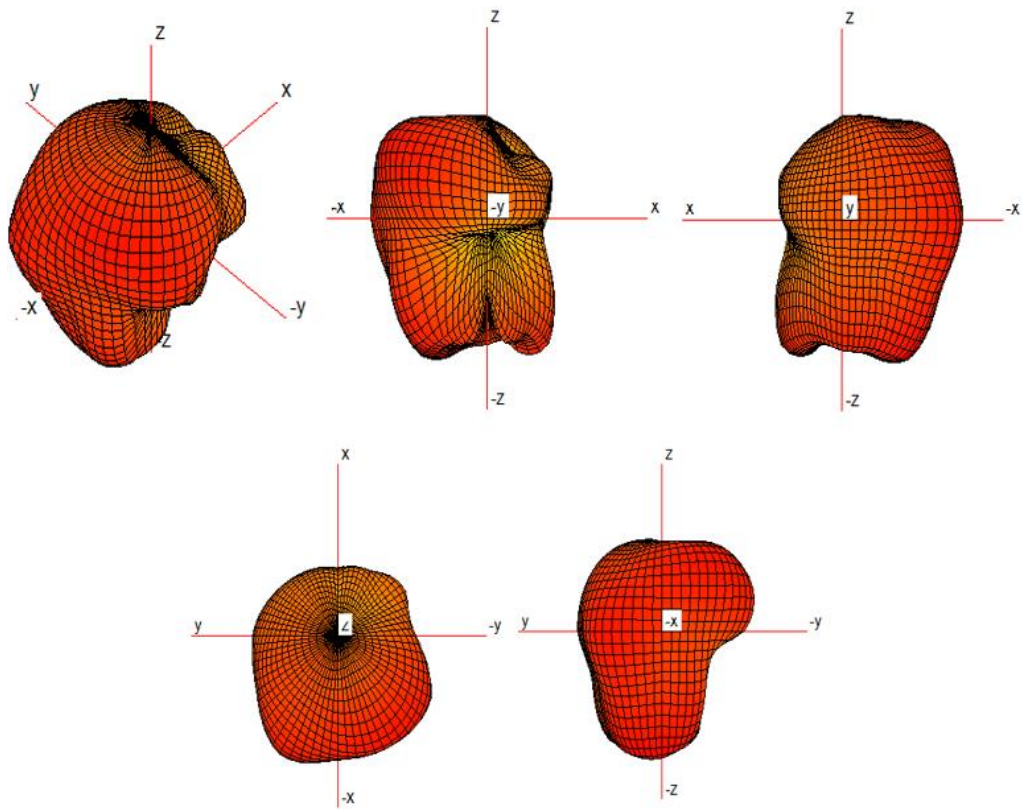


ANT5- WiFi 5G CH0

5280MHz



5500MHz



5780MHz

