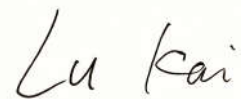

Antenna Reports

Main Antenna vendor: Motorola

Test lab: Motorola internal lab (by GTS RayZone2800)

Antenna model name: Midframe

Issue date: 2023/02/16

A handwritten signature in black ink on a light yellow rectangular background. The signature reads "Lu Kai" in a cursive, slightly slanted font.

Signature: Lu Kai

Antenna Summary Table

Check items	Information
Provided by lab	Motorola internal lab (GTS)
Manufacturer/ Brand name	Motorola
Test software	MaxSign Libra
Manufacturer address	222 W,Merchandise Mart Plaza, Chicago IL 60654 USA
Test environment	Motorola Beijing RD team Lab with GTS2800 chamber
Test software	MaxSign Libra
List of calibrated test equipment	GTS2800 with calibrated date: On August 9,2022
Antenna detail info.	<p>ANT3: WiFi2.4G antenna (2.4~2.5GHz), IFA type antenna.</p> <p>ANT4:WiFi 5G antenna(5.15~5.85GHz), IFA type.</p> <p>ANT5: WiFi 5G antenna(5.15~5.85GHz), IFA antenna.</p> <p>ANT6:WiFi 2.4G antenna (2.4~2.5GHz), IFA antenna.</p> <p>NFC Antenna: Differential port to excite FPC coil + Ferrite sheet with dimension 35.5 mm *23.25mm * 0.23mm</p>
Antenna gain test data	Included antenna frequency, gain pattern

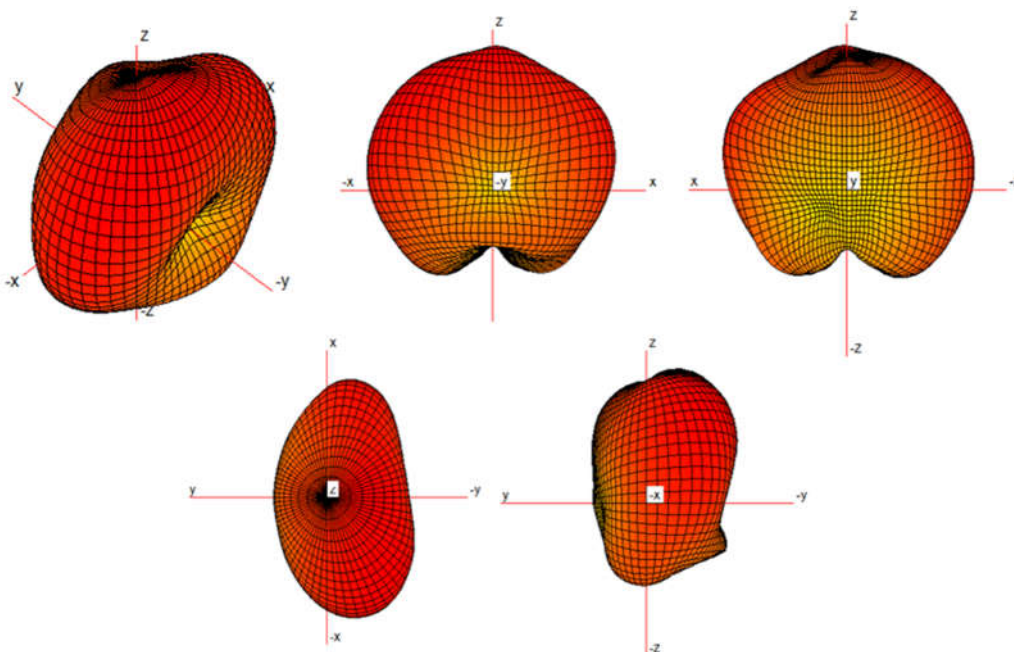
Note: Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document.

Antenna Test data:

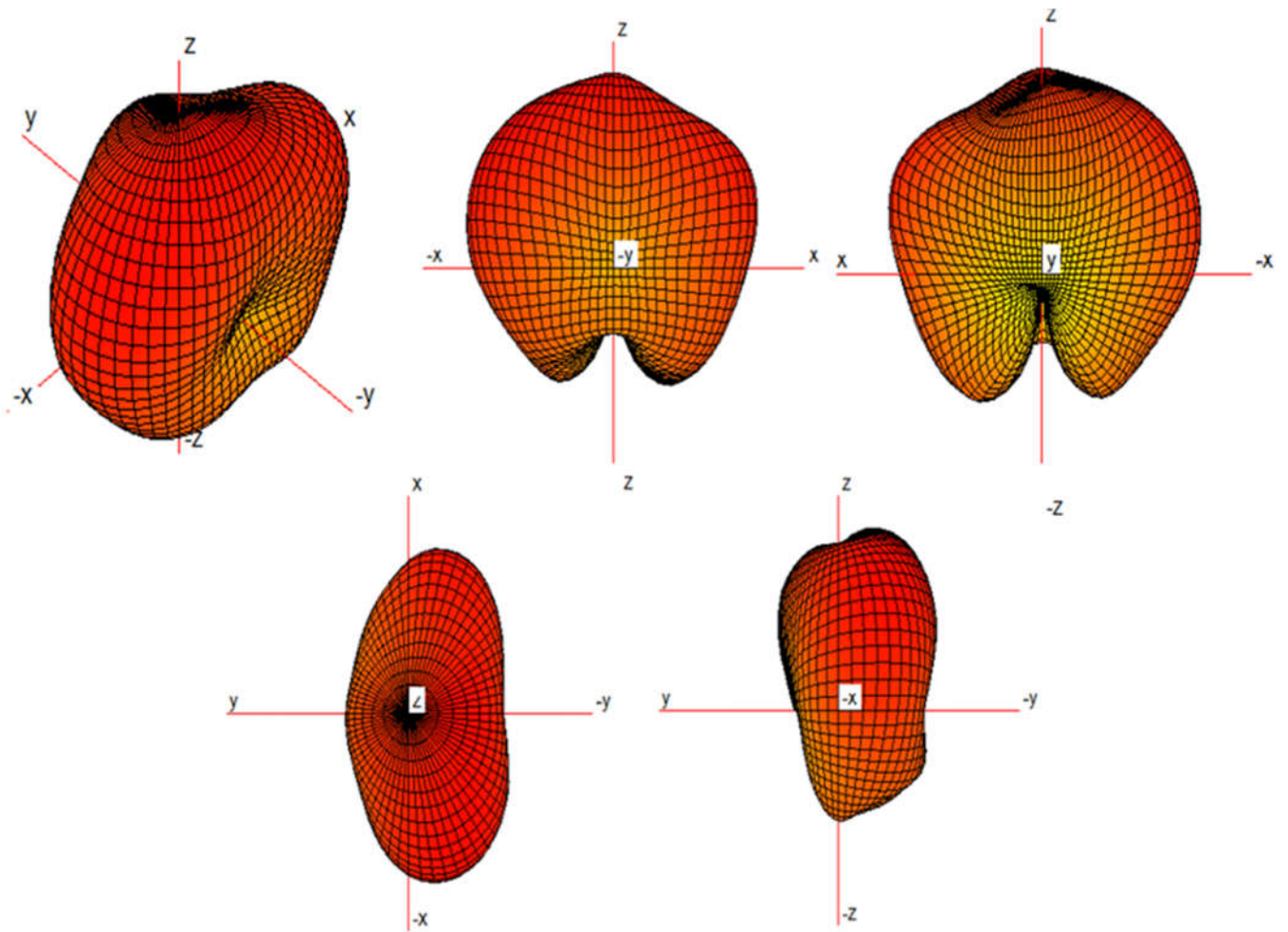
<p>Antenna Type /Gian 2.4G</p>	<p><2400MHz~2483.5MHz> <Ant3>: IFA Antenna with gain: -6 dBi <Ant6>: IFA Antenna with gain: -6 dBi</p>
<p>Antenna Type /Gian 5G</p>	<p><5150MHz~5250MHz> <Ant4>: IFA Antenna with gain: -3 dBi <Ant5>: IFA Antenna with gain: -3 dBi <5250MHz~5350MHz> <Ant4>: IFA Antenna with gain: -5.5 dBi <Ant5>: IFA Antenna with gain: -5.5 dBi <5470MHz~5725MHz> <Ant4>: IFA Antenna with gain: -5.5 dBi <Ant5>: IFA Antenna with gain: -5.5 dBi <5725MHz~5850MHz> <Ant4>: IFA Antenna with gain: -9 dBi <Ant5>: IFA Antenna with gain: -9 dBi</p>

ANT6- WiFi 2.4G CH0

2420MHz

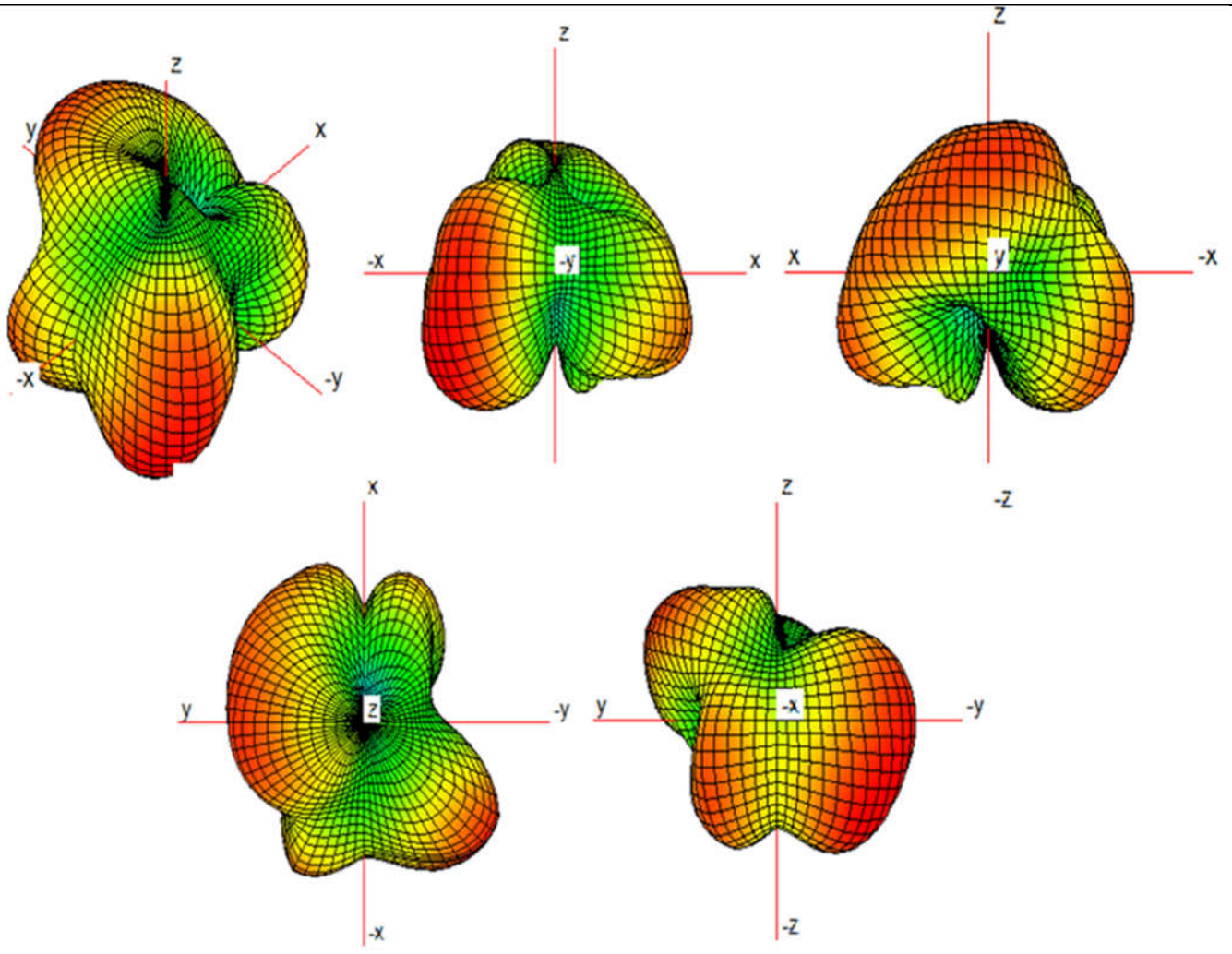


2450MHz

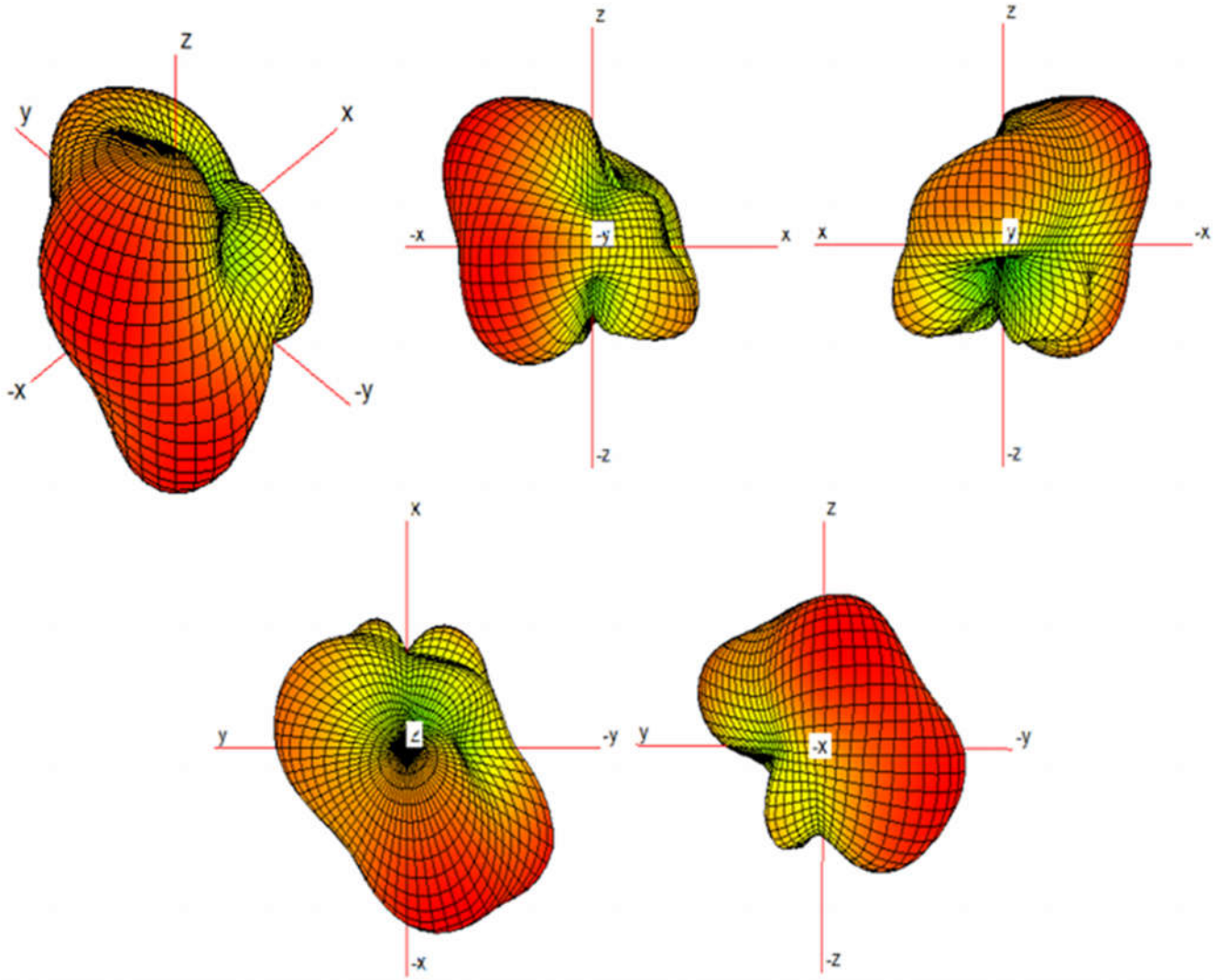


ANT4-WIFI 5G CH0

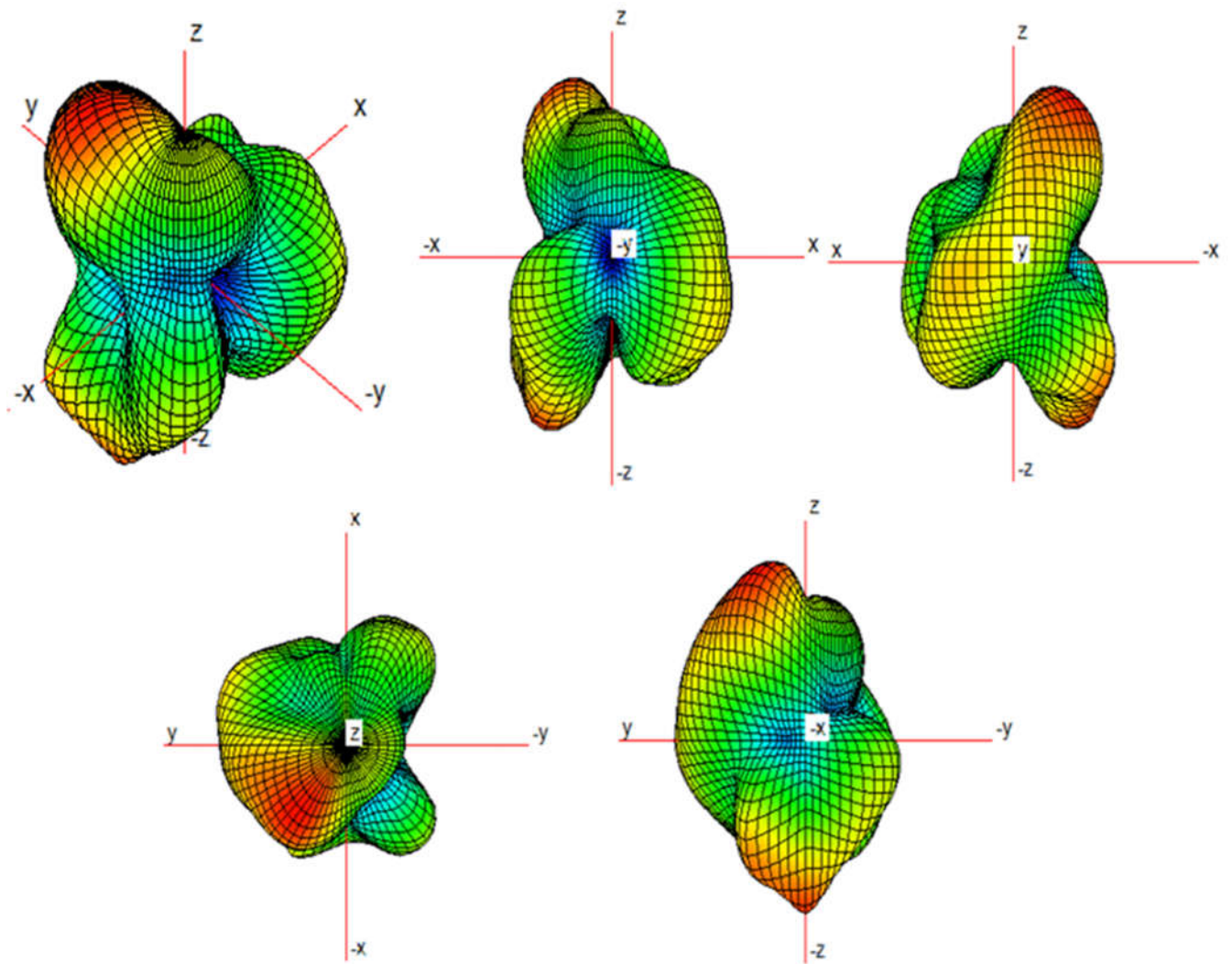
5280MHz



5500MHz

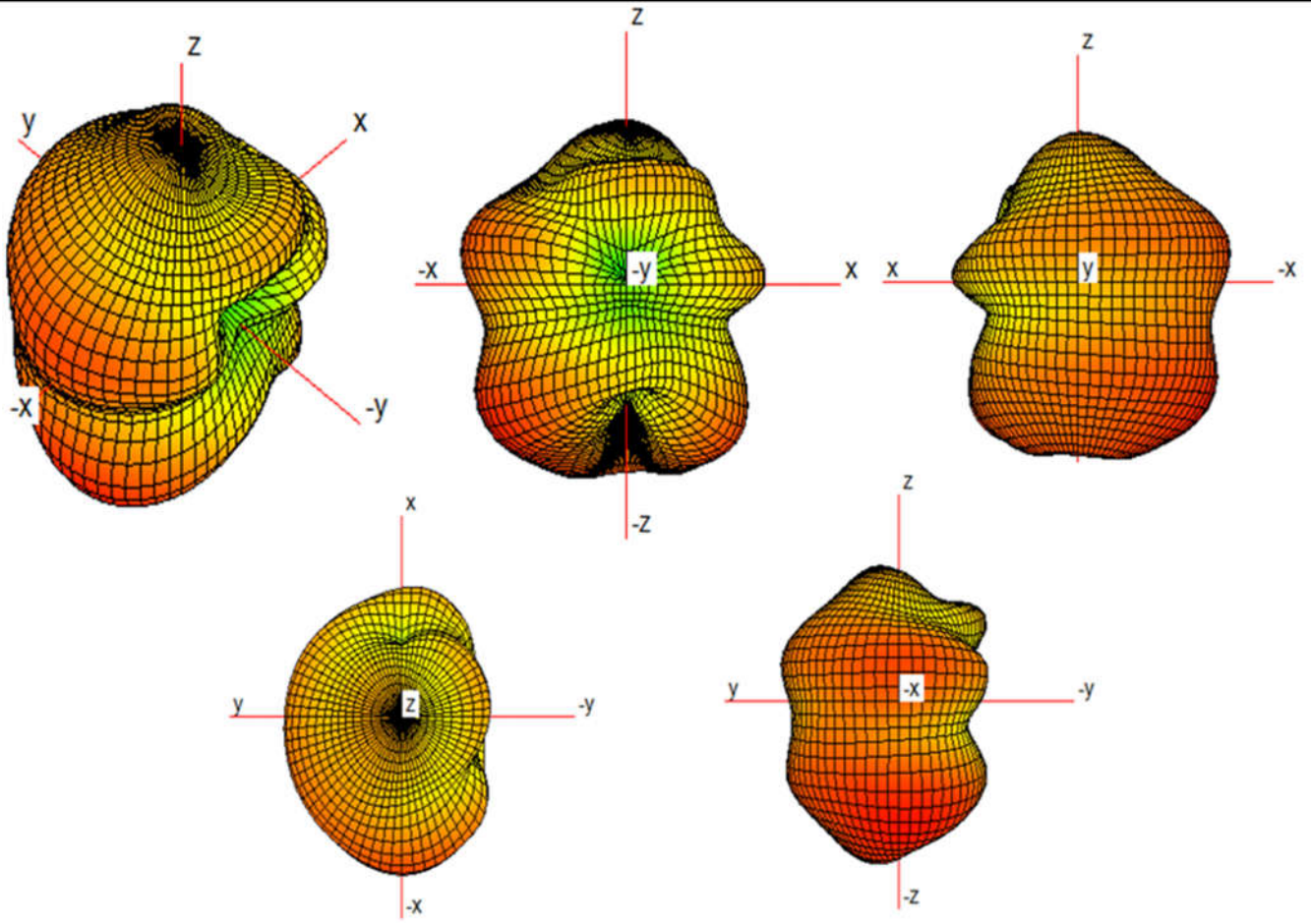


5780MHz

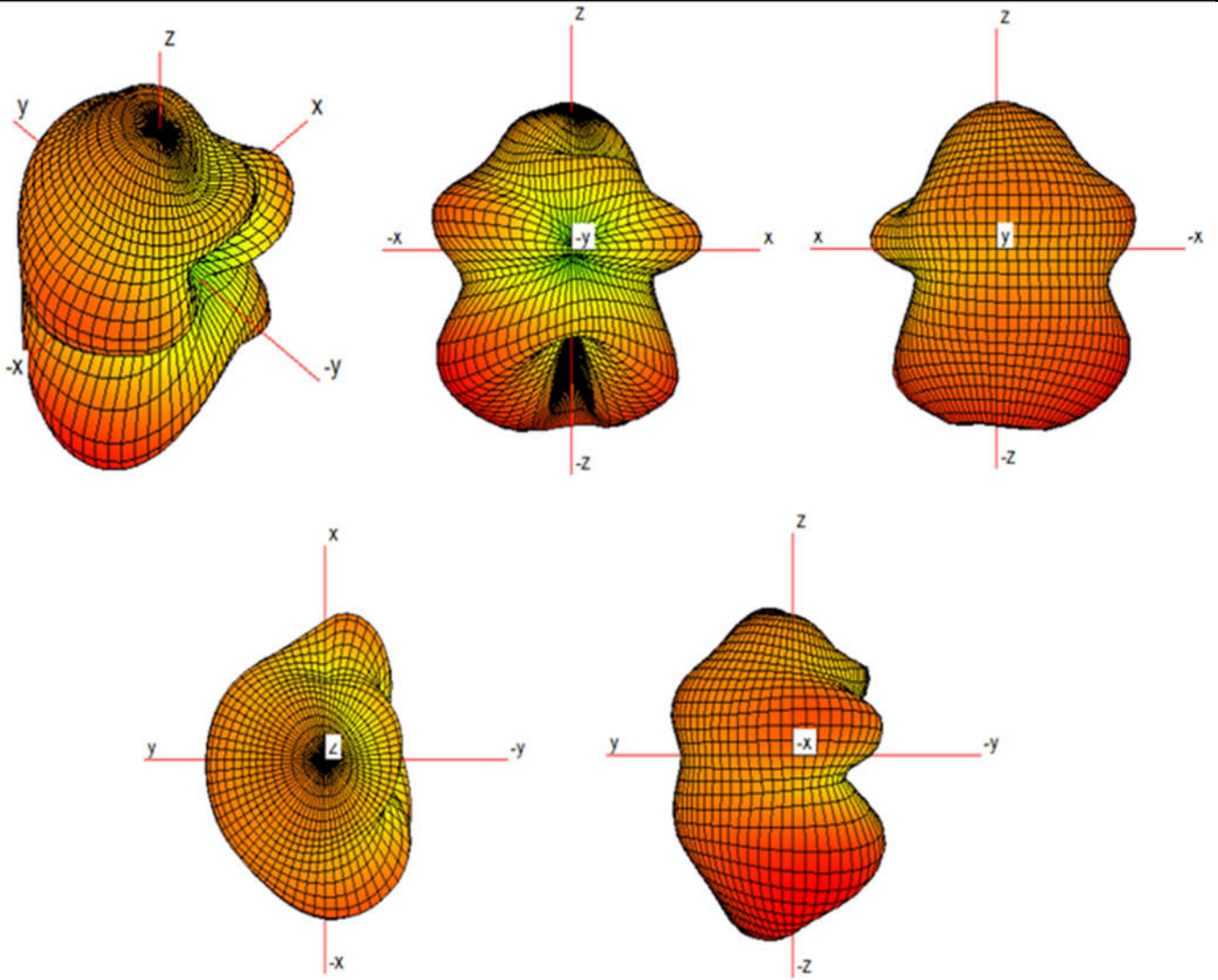


ANT3- WiFi 2.4G CH1

2420MHz

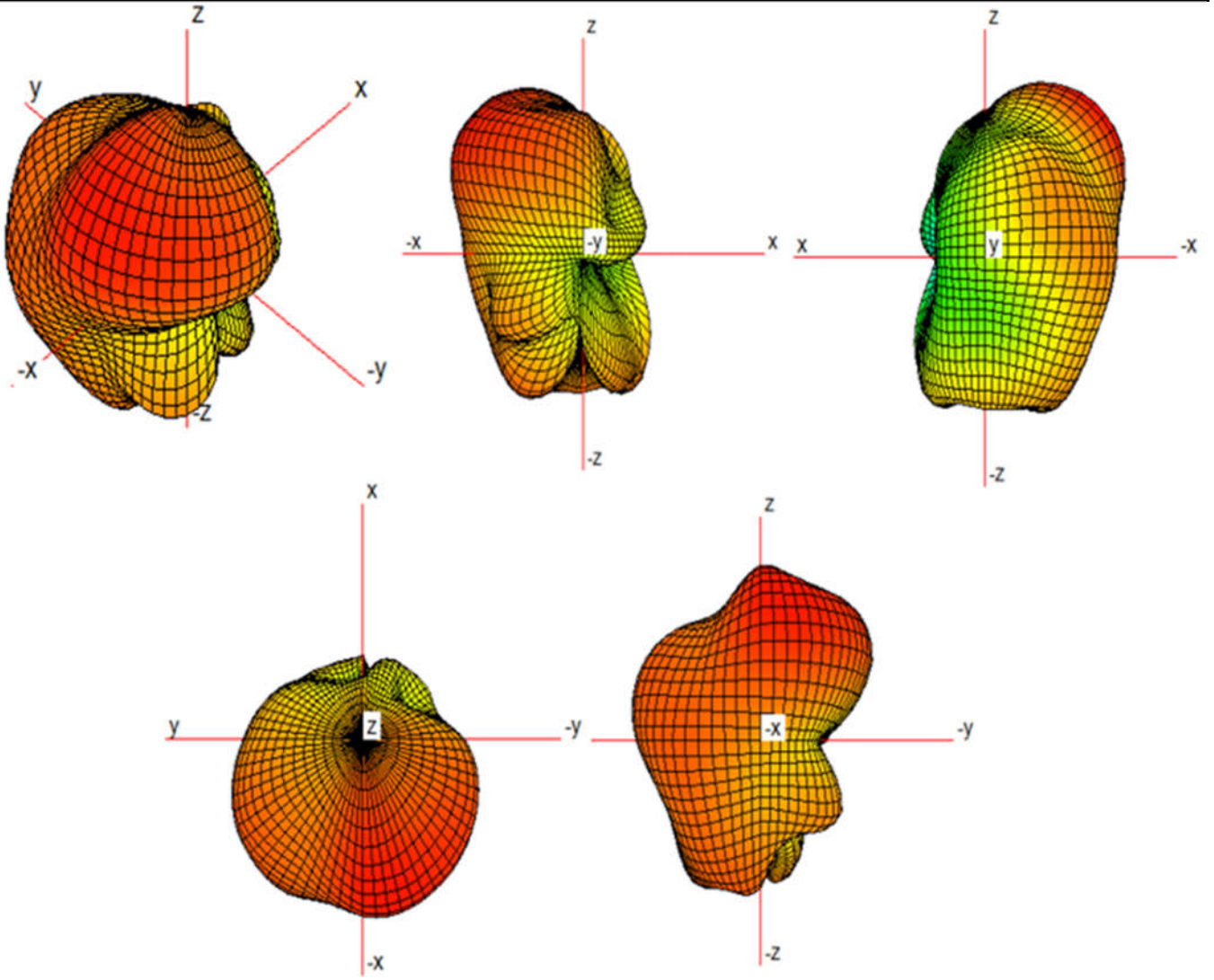


2450MHz

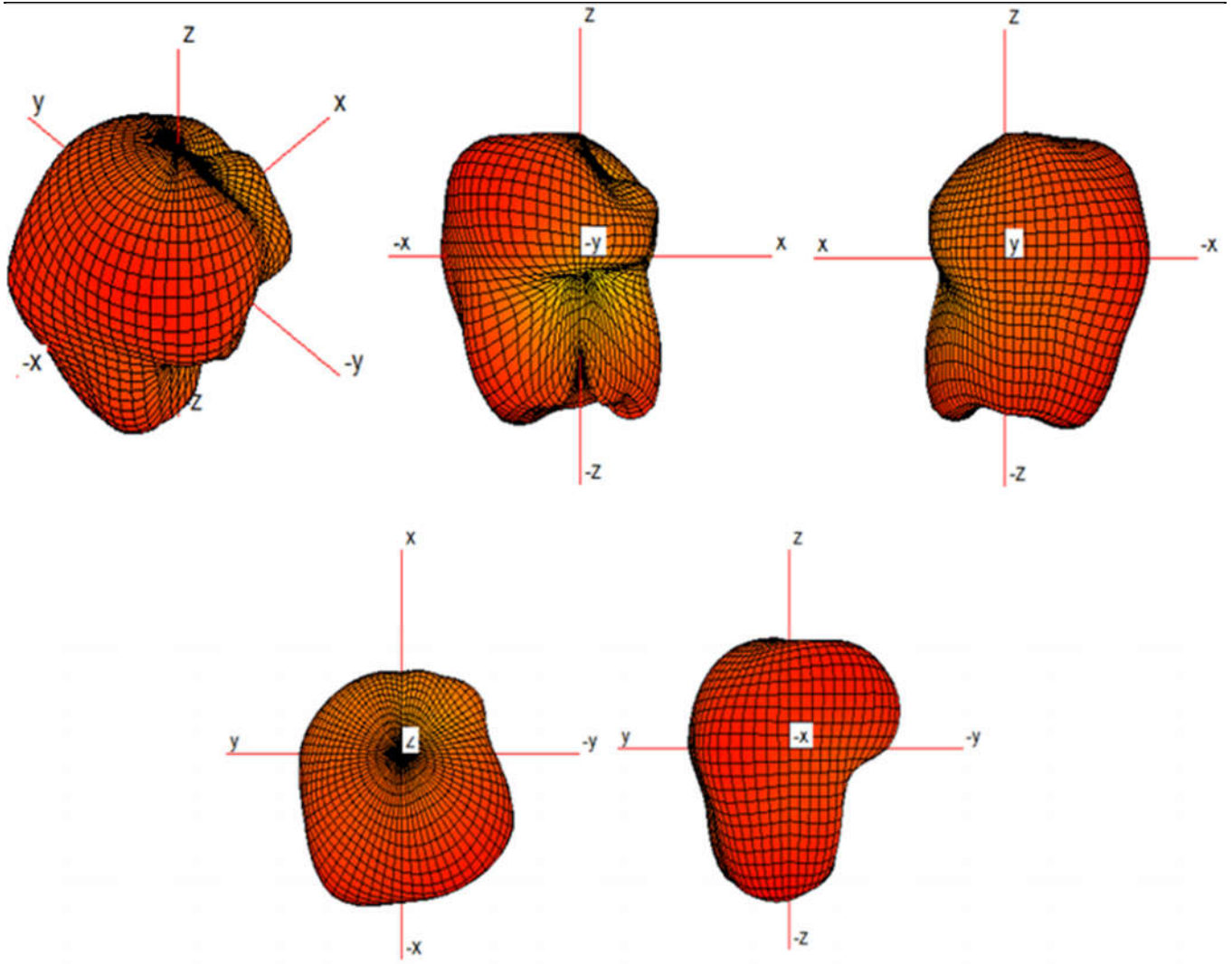


ANT5- WiFi 5G CH1

5280MHz



550MHz



5780MHz

