
Antenna Reports

Company: Motorola Mobility LLC

Model name: XT2621-3

Issue date: 2025/10/17

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Antenna Summary Table

Check items	Information
Provided by lab	Motorola internal lab (GTS)
Manufacturer/ Brand name	Motorola
Test software	MaxSign Libra
Test environment	Motorola Beijing RD team Lab with GTS2800 chamber,Kunshan-Sporton with ETS
List of calibrated test equipment	GTS2800 with calibrated date: On May 24th,2025; Due date: On May 24th,2026 ETS with calibrated date: On May 1th,2025, Due date: On May 1th,2026
Antenna detail info.	ANT6: WiFi2.4G / 5G /BT antenna (2.4~2.5GHz, 5.15~5.85GHz), IFA type antenna. NFC Antenna: Differential port to excite FPC coil + Ferrite sheet with dimension 36.06 mm *26.41mm * 0.2mm, Loop Antenna type antenna.
Antenna gain test data	Included antenna frequency, gain pattern

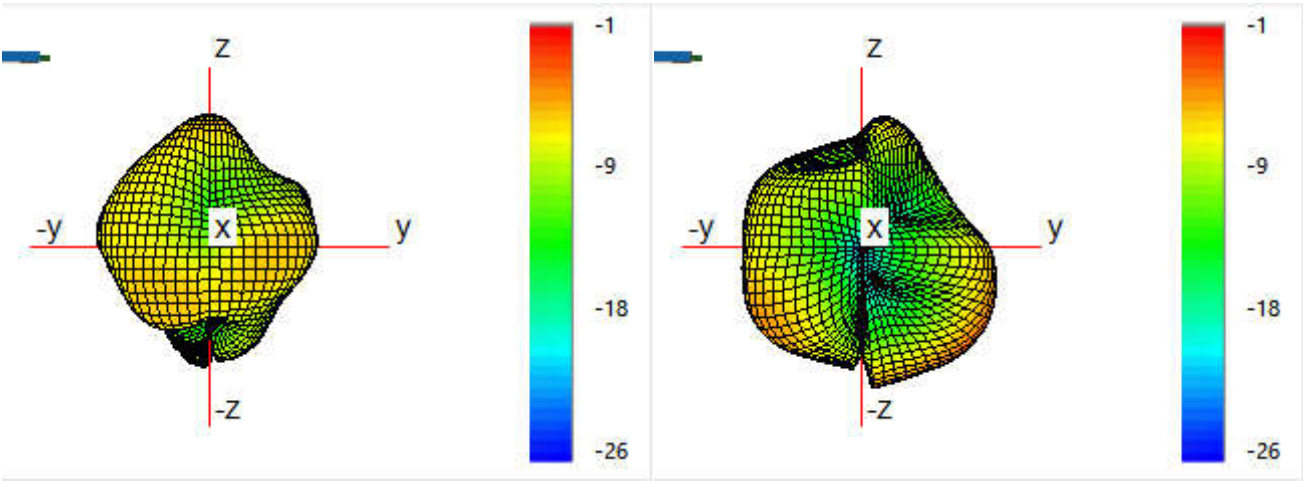
Note: Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document.

Test environment

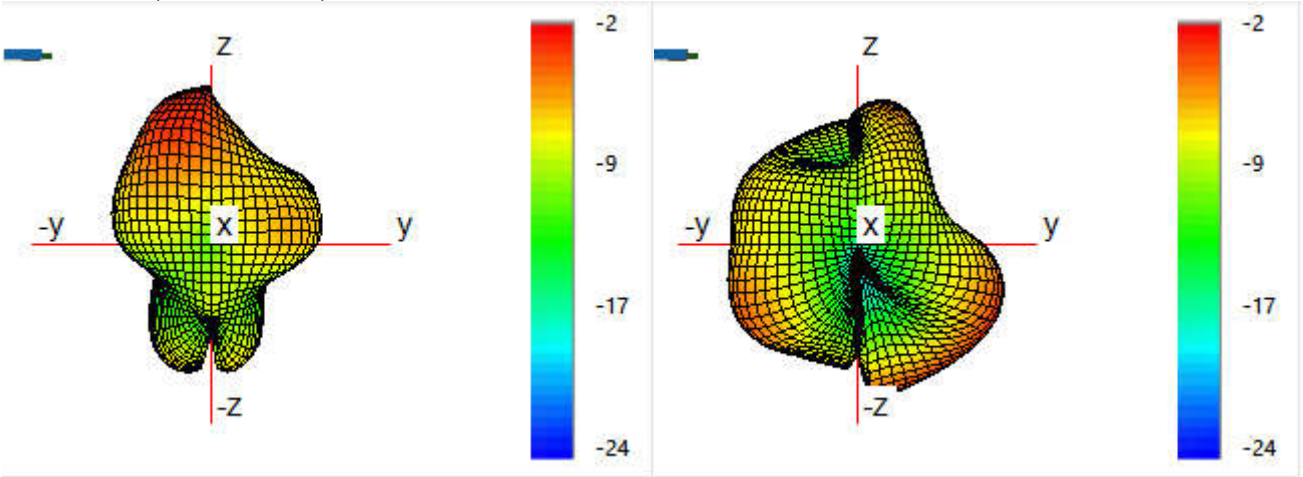
Antenna Test data:
ANT6
Antenna type: IFA

WLAN Peak Gain (dBi)			
5150~5250MHz	-5.8	5470~5725MHz	-4.7
5250~5350MHz	-6	5725~5850MHz	-4.7
BT	-4.9	2400~2483.5MHz	-4.9

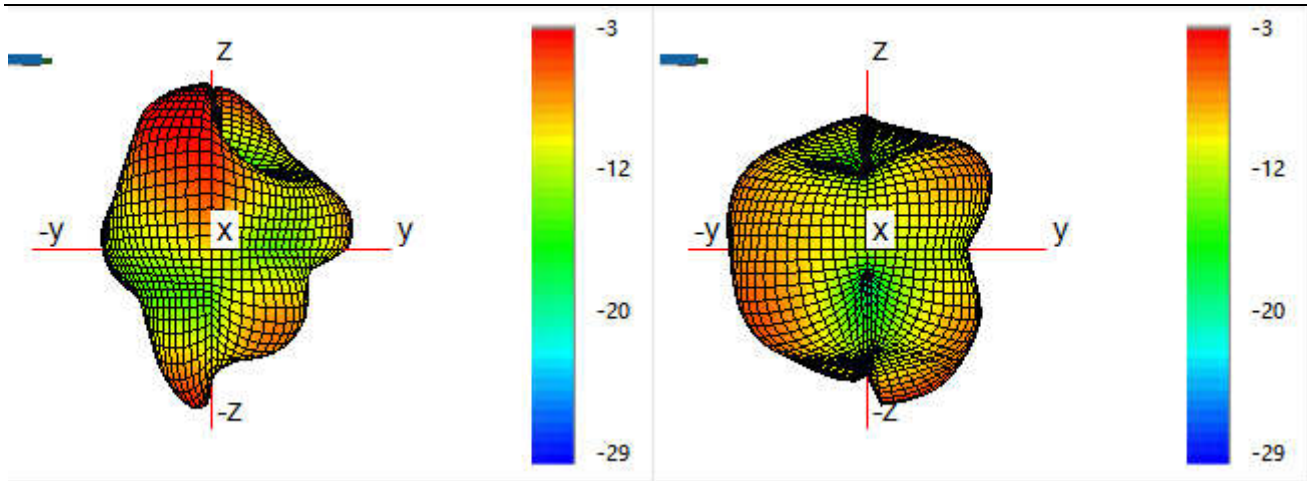
(Rear view– Front view)
WIFI 5G (5200 MHz)



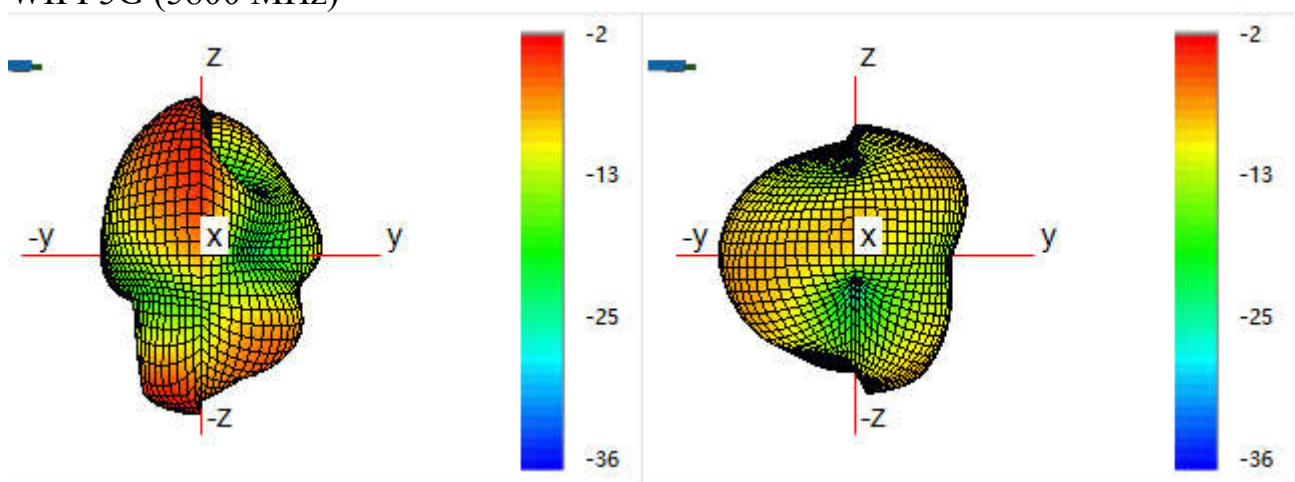
WIFI 5G (5300 MHz)



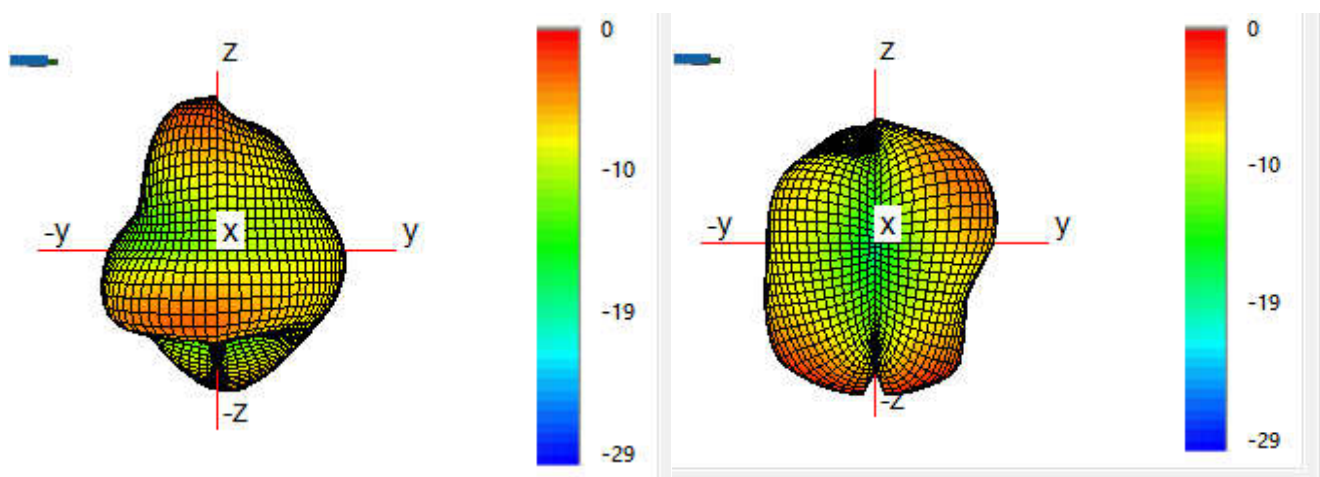
WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



WIFI 2.4G (2450 MHz)



BT:

