
Antenna Reports

Company: Motorola Mobility LLC

Model name: XT2715-3

Issue date: 2026/07/28

Documented by: xi wentao

Antenna Summary Table

Check items	Information
Provided by lab	Motorola internal lab (GTS)
Manufacturer/ Brand name	Motorola
Model name (Part number)	XT2715-3
Test environment	Motorola Shanghai RD team Lab with GTS2800 chamber,Kunshan-Sporton with ETS
List of calibrated test equipment	GTS2800 with calibrated date: On March 5th,2026;Due date: On March 5th,2027 ETS with calibrated date: On December 5th,2025;Due date: On December 5th,2026
Antenna detail info.	ANT6: GPS antenna (1.575GHz,), IFA type antenna. WiFi 2.4G/BT(2.4~2.5GHz), IFA type antenna. WiFi 5G antenna (5.15~5.85GHz), IFA type antenna. ANT9: GPS antenna (1.176GHz,), IFA type antenna. NFC Antenna: Differential port to excite FPC coil + Ferrite sheet with dimension 37.9 mm *29.4mm * 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:

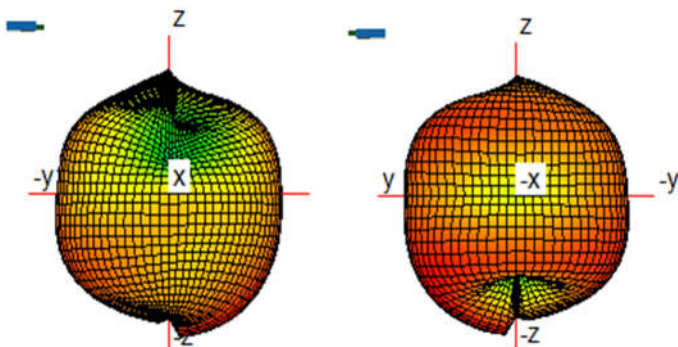
ANT6

Antenna type: IFA

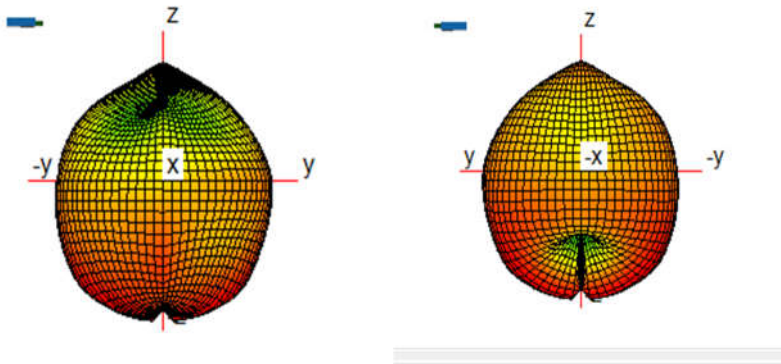
GPS +BT/WLAN Peak Gain (dBi)			
1575MHz	-0.41	2400~2483.5MHz	1.29
5150~5250MHz	0.89	5470~5725MHz	0.9
5250~5350MHz	0.95	5725~5850MHz	1.05

(Rear view– Front view)

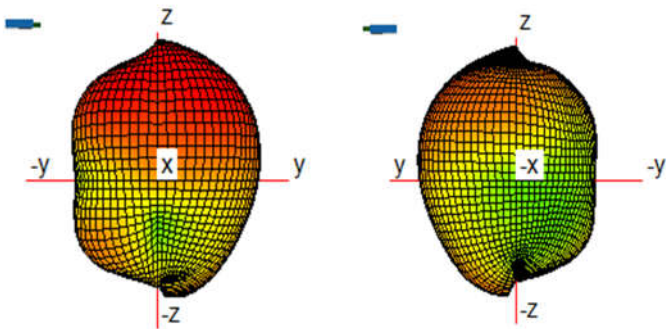
GPS (1575 MHz)



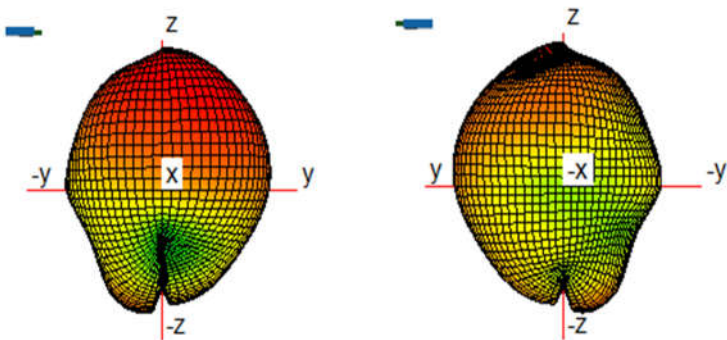
WIFI 2.4G (2450 MHz)



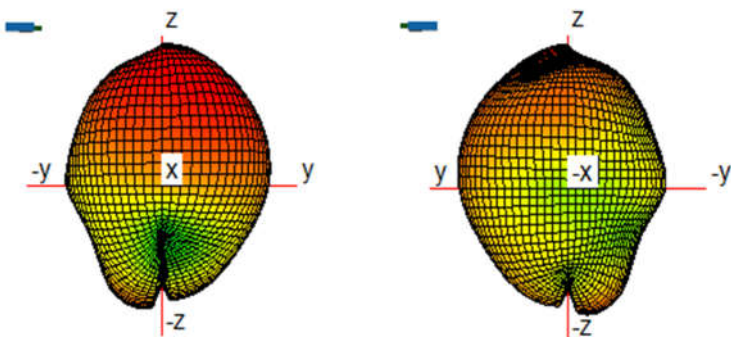
WIFI 5G (5200 MHz)



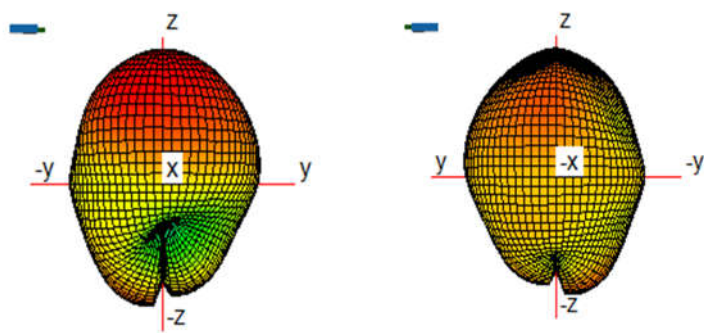
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



ANT9:

Antenna model name: Insert molding metal

Antenna type: IFA

GPS Peak Gain (dBi)			
1176MHz	-8.3		

GPS (1176 MHz)

