

Antenna Report

Company: Motorola Mobility LLC

Model name: XT2515-1/XT2515-2/XT2515-3/XT2515V

Issue date: 2024/08/26

Antenna Summary Table

Check items	Information
Provided by lab	Motorola internal lab (GTS)
Manufacturer/ Brand name	Huizhou Speed Wireless Technology Co;Ltd
Model name (Part number)	M383-A8 SPD
Test environment	Huizhou Speed Wireless Technology Co;Ltd with GTS2800 chamber
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT6:GPS; WiFi 2.4G/BT(1.575GHz,(2.4~2.5GHz), Loop antenna ANT7: WiFi 5G (5.15~5.85GHz), IFA type antenna. NFC Antenna: Differential port to excite LDS antenna sheet with dimension 32.66 mm *15mm * 0.25mm
Antenna gain test data	Included antenna frequency, gain pattern
Test software name	Libra
Test Engineer Signature	

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

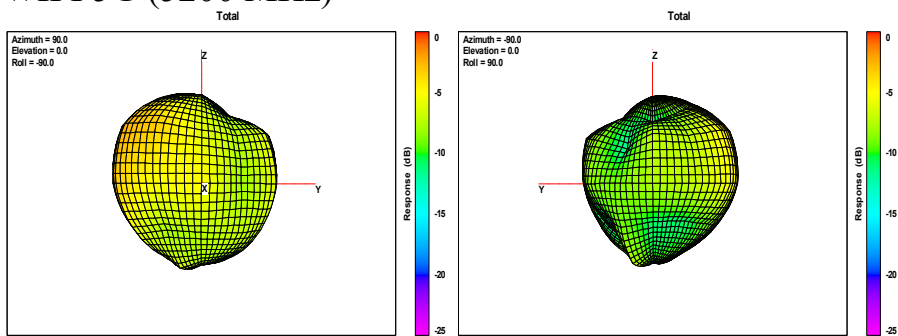
List of Test equipment

Equipment	Calibrate date	Due date
CMW500	September 1, 2024	February 1, 2025
E4438C (Network Analyzer)	September 1, 2024	February 1, 2025

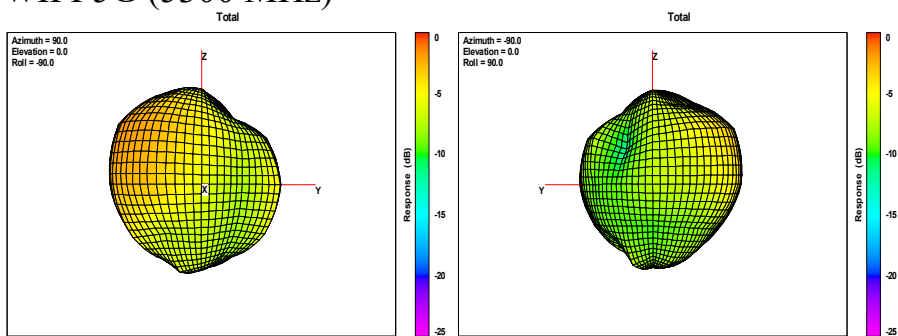
Antenna Test data:
ANT7
Antenna model name: Insert molding metal
Antenna type: IFA

WLAN Peak Gain (dBi)			
5150~5250MHz	-4.4	5470~5725MHz	-4.2
5250~5350MHz	-4.2	5725~5850MHz	-7.9

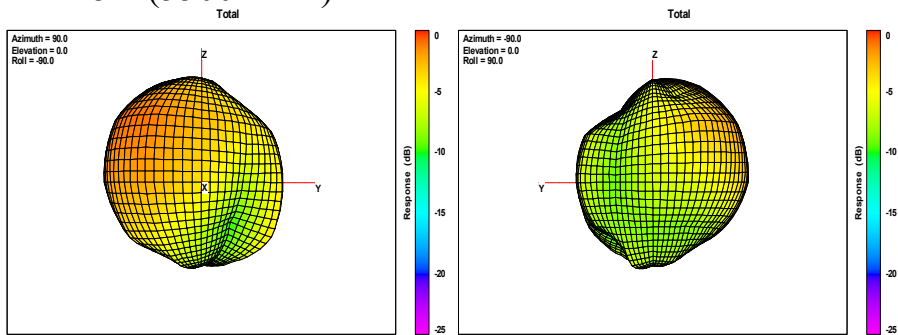
(Rear view– Front view)
WIFI 5G (5200 MHz)



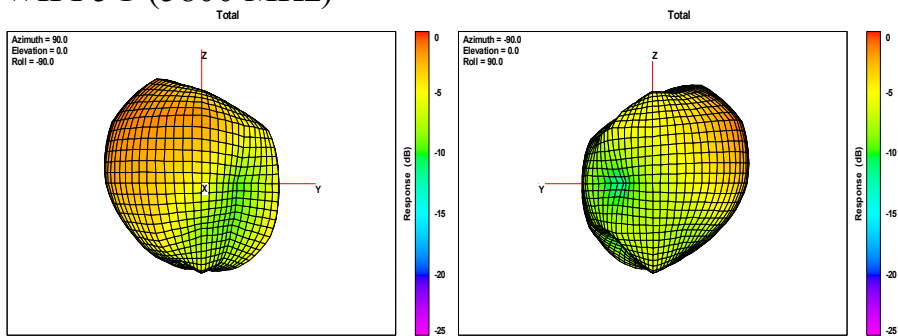
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



ANT6

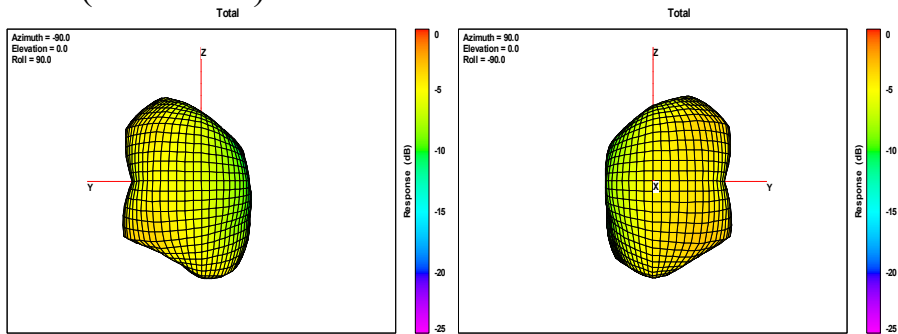
Antenna model name: Insert molding metal

Antenna type: Loop

GPS +BT/WLAN Peak Gain (dBi)			
1575MHz	-4.2	2400~2483.5MHz	-4.4

(Rear view– Front view)

GPS (1575 MHz)



WIFI 2.4G (2450 MHz)

