


# **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.

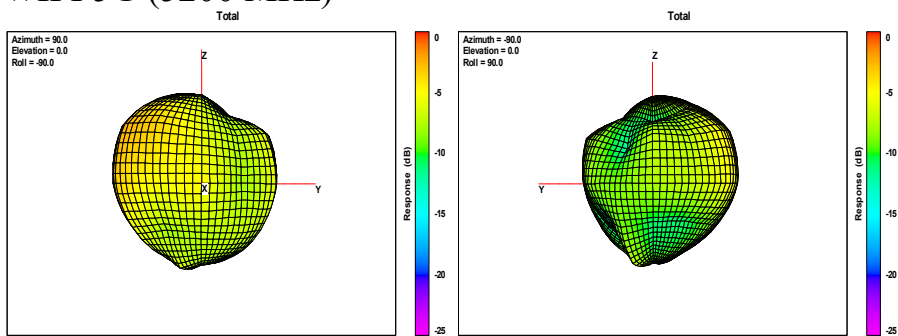
## List of Test equipment

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

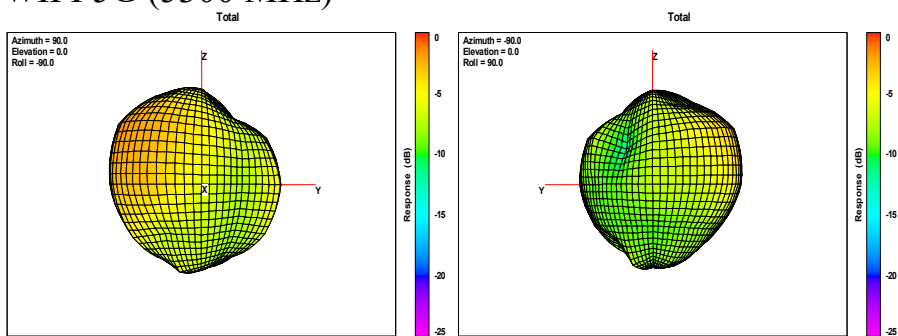
Antenna Test data:  
ANT7  
Antenna model name: Insert molding metal  
Antenna type: IFA

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

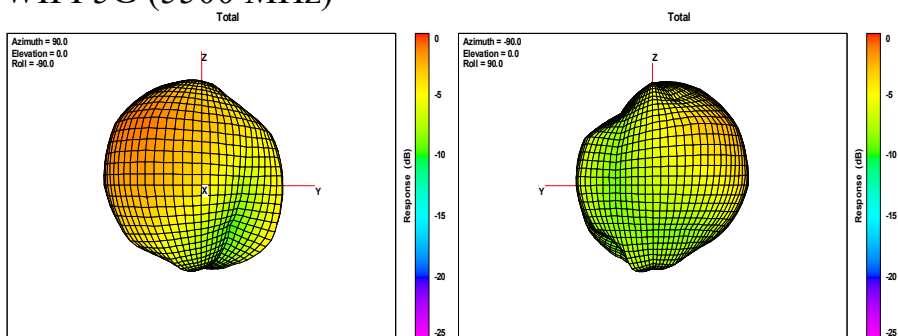
(Rear view– Front view)  
WIFI 5G (5200 MHz)



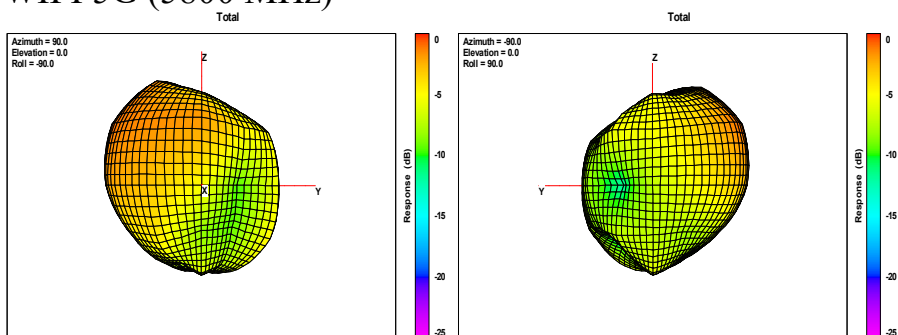
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



ANT6

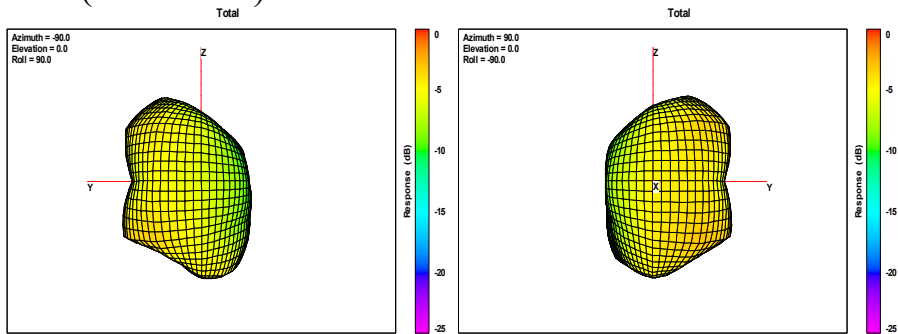
Antenna model name: Insert molding metal

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)

