
Antenna Reports

Company: Motorola Mobility LLC

Model name: Fogo

Issue date: 2023/09/19

Antenna Summary Table

Check items	Information
Manufacturer/ Brand name/address	WELLETRONICS COMMUNICATION TECHNOLOGY CO.,LTD. Building A11, Software R&D Base Phase II, Xi 'an Software Xincheng, Yanta District, Xi 'an
Model name (Part number)	BT/WIFI: QN6852A-ANT5+6+7-DVT2 WTT-X-XXYY NFC: RX-QN6852A-NFC-T08 YYWW-A
Test environment	WTT RD team Lab with GTS2800 chamber Test software: GTS MaxSign-RayZone2800C_Z
List of calibrated test equipment	GTS2800 with calibrated date: 10/3/2023
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT6: WiFi 2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.85GHz), IFA type
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 engineer: Du Fei

Antenna Test data:

ANT6

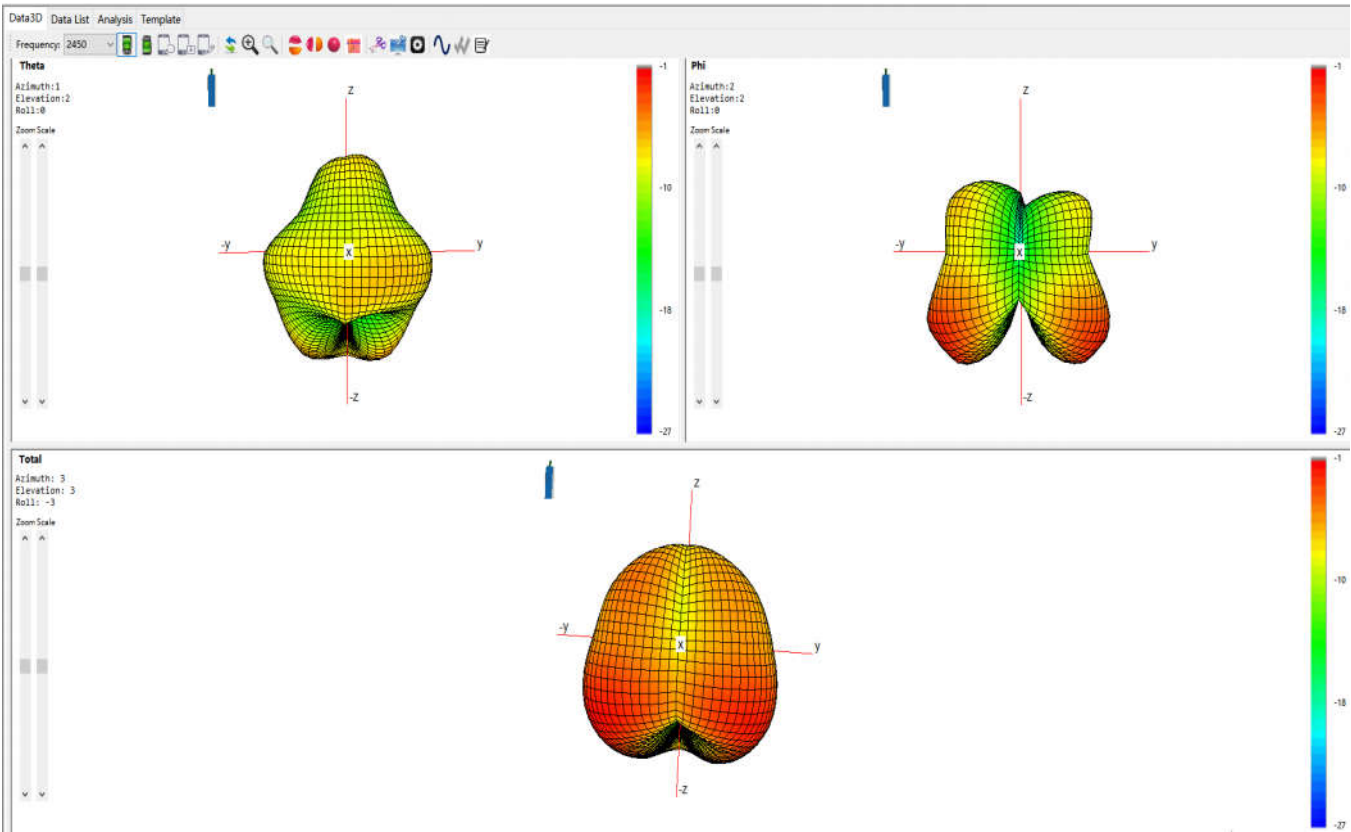
Antenna model name: QN6852A-ANT5+6+7-DVT2 WTT-X-XXYY

Antenna type: IFA

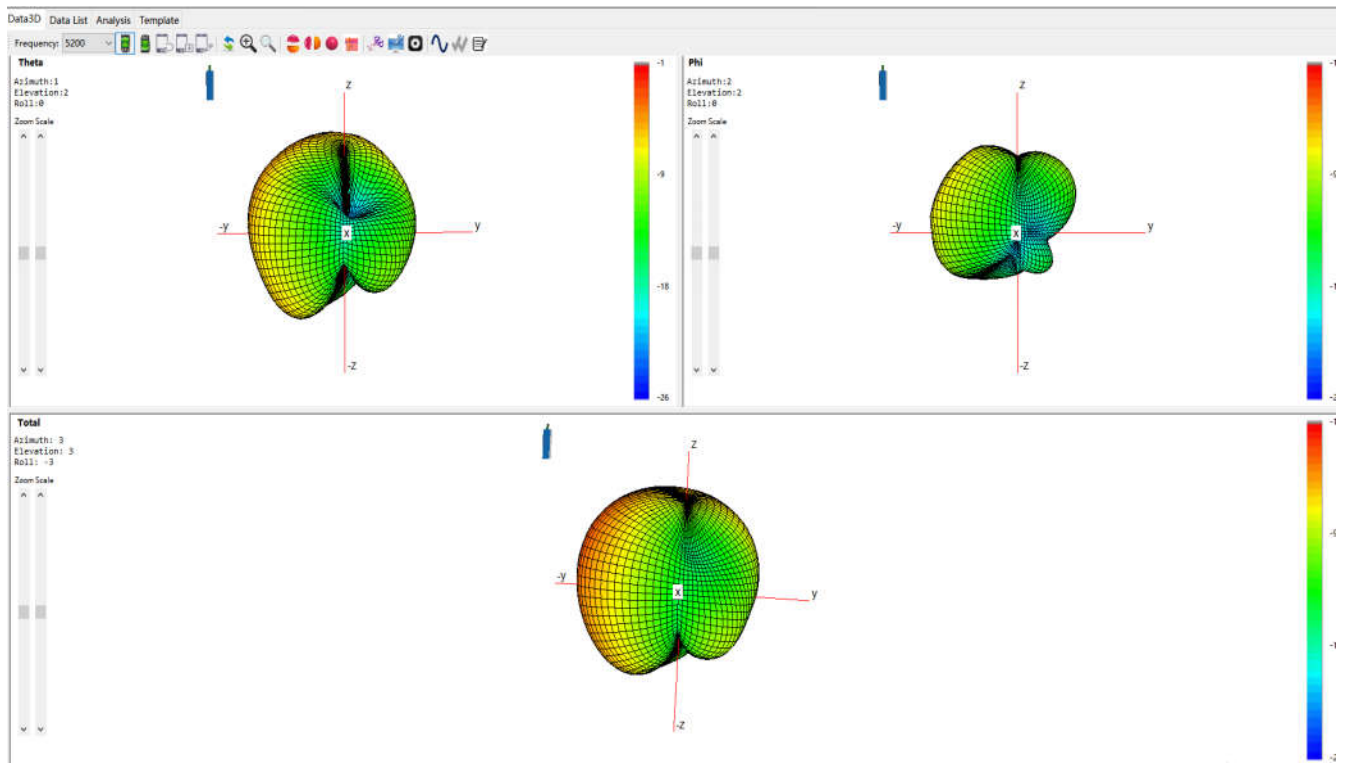
BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	-1.39	5470~5725MHz	-3.26
5150~5250MHz	-1.66	5725~5850MHz	-2.49
5250~5350MHz	-2.55		

(Rear view– Front view)

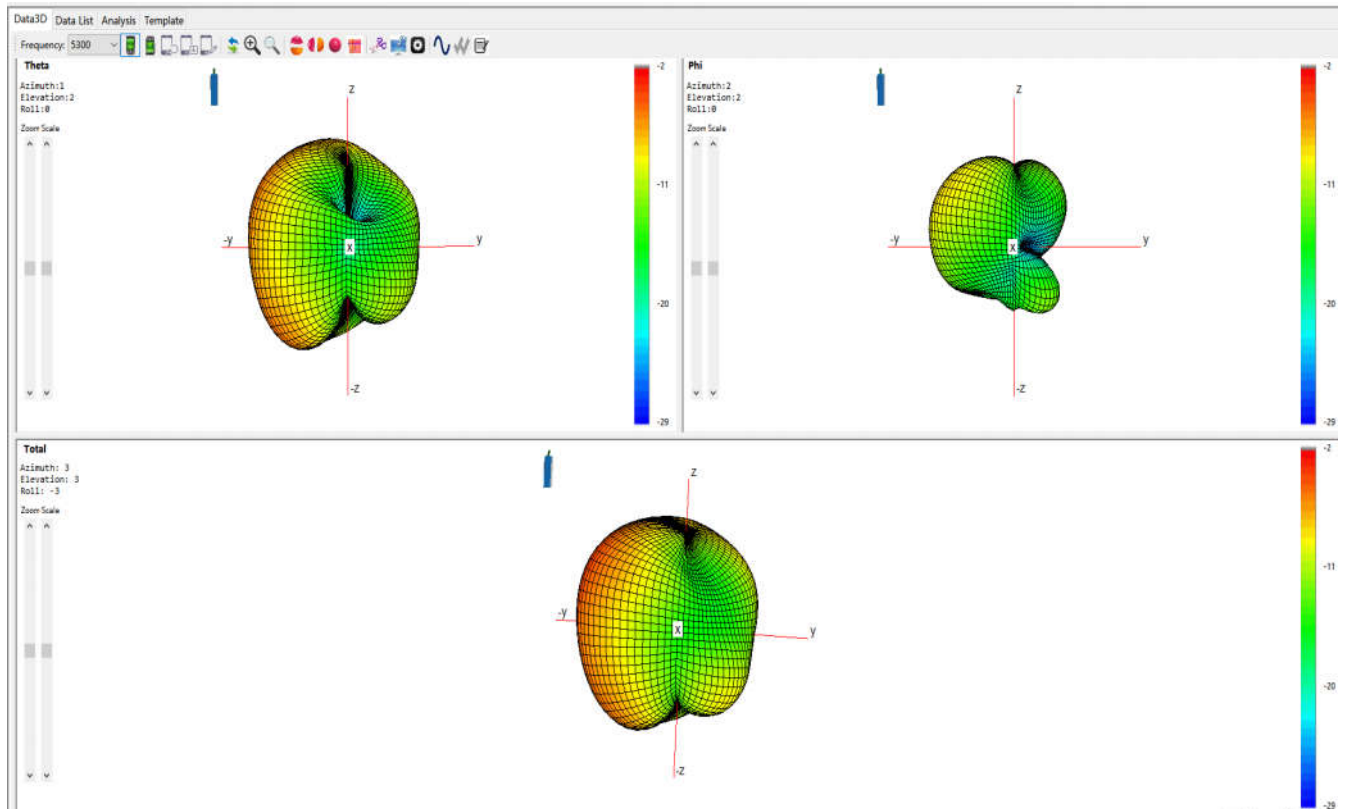
WIFI 2.4G (2450 MHz)



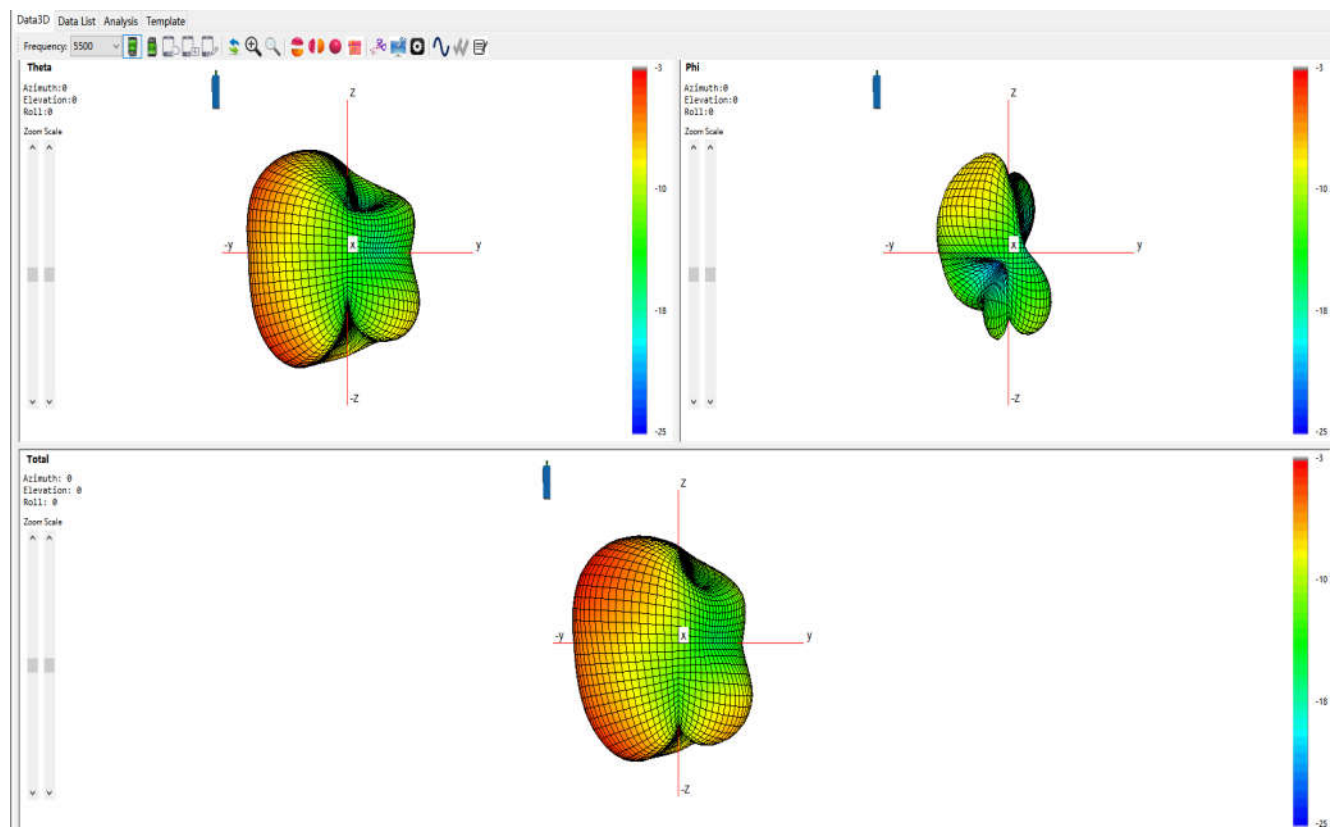
WIFI 5G (5200 MHz)



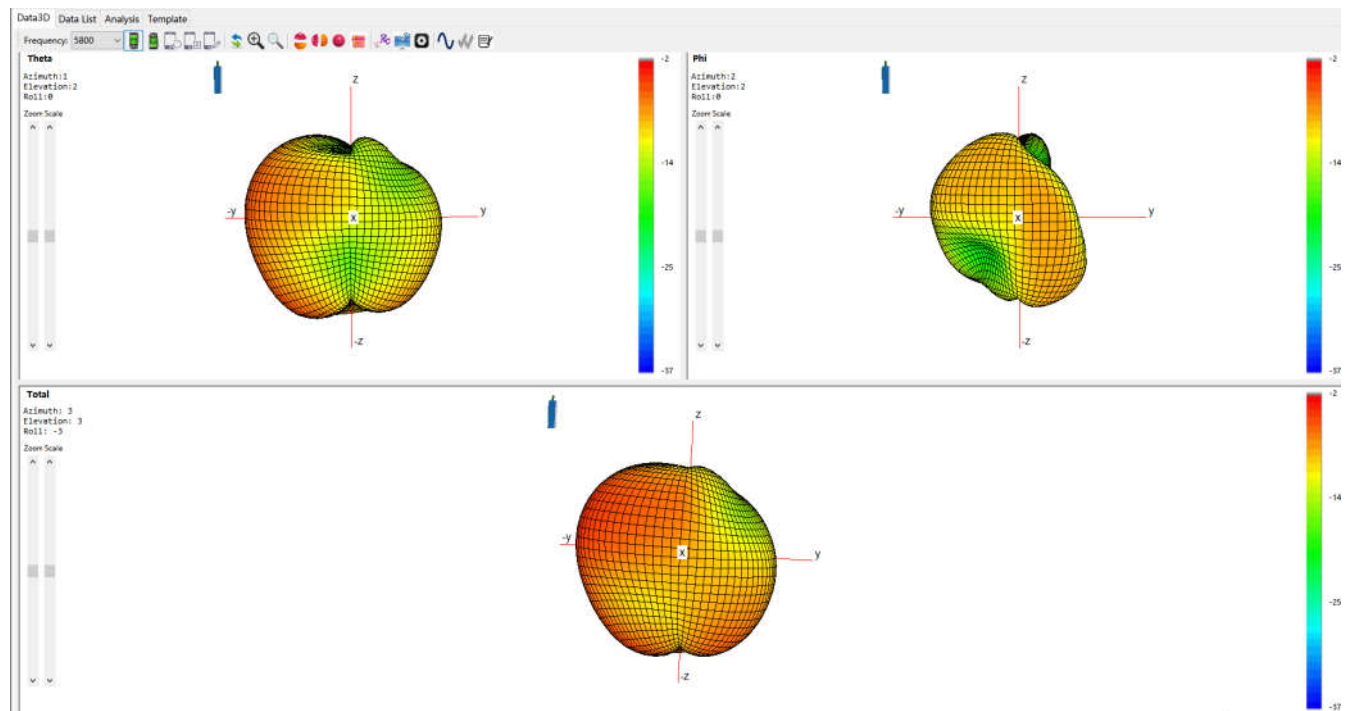
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



Antenna Test data:

NFC Ant

Antenna model name: RX-QN6852A-NFC-T08 YYWW-A

Antenna type: coil

Dimension figure: 27.90*33.10mm