

---

# Antenna Reports

Company: Motorola Mobility LLC

Issue date: 2025/06/24

Documented by: Liu meng wen

Signature:

Wang Binjian

**Antenna Summary Table**

Check items	Information
Provided by lab	Welletronics Communication Technology Co.,Ltd. Beijing RD team lab (GTS)
Manufacturer/ Brand name	Welletronics Communication Technology Co.,Ltd. F1-3,Building 8,Tongfu Industrial Park, Dalang, Longhua District, Shenzhen, Guangdong
Model name (Part number)	SM673-WIFI-V0.13-SPD-YYWW
Test environment/Test software name	Beijing RD team Lab with GTS1800 chamber G1S MaxSign - RayZone1800G2
List of calibrated test equipment	GTS1800 with calibrated date: 2025/3/26 ; Due date2026/3/25 KEYSIGHT E5071C: calibrated date: 2024/12/13 ; Due date 2025/12/12
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN  ANT:BT/WiFi 2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.85GHz), IFA type NFC Antenna ( 13.56MHz ) : Differential port to excite FPC coil + Ferrite sheet with dimension 30.4mm *29.81mm * 0.20mm, Type: Coil
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.

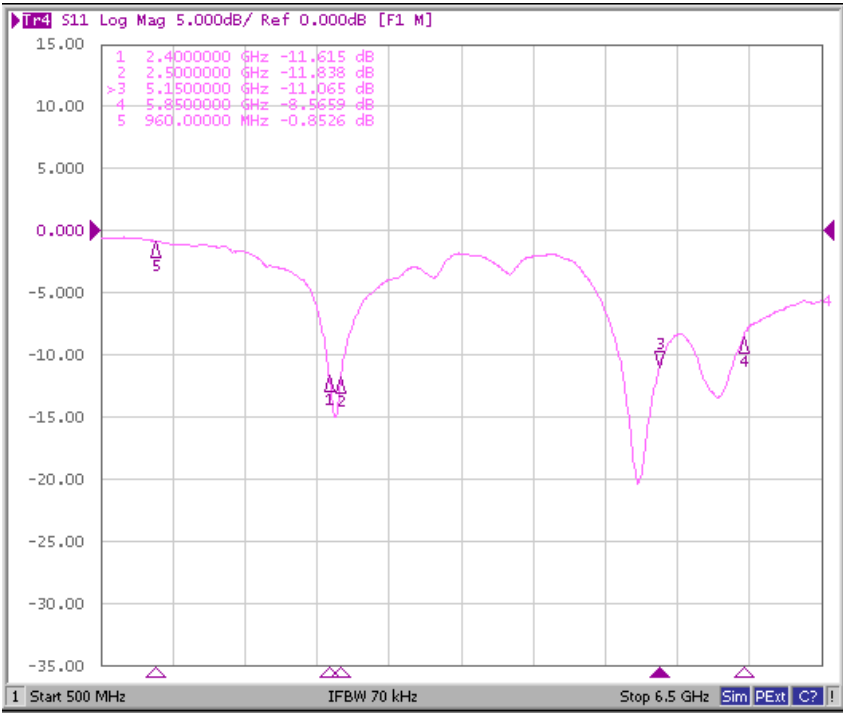
Antenna Test data:

ANT3

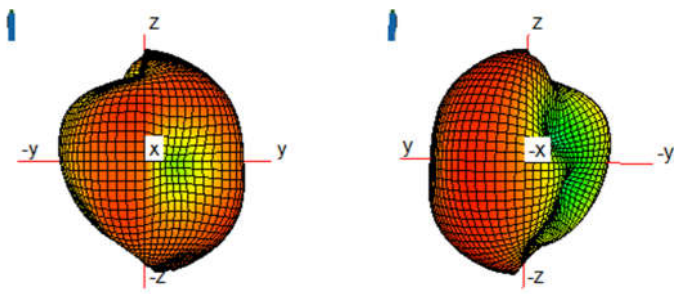
Antenna model name: SM673-WIFI-V0.13-SPD-YYWW

Antenna type: IFA

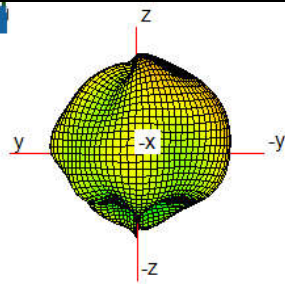
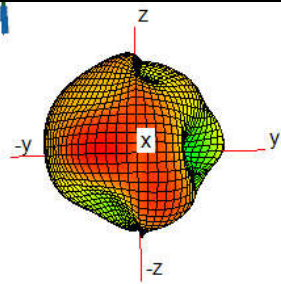
WLAN Peak Gain (dBi)			
2400~2483.5MHz	-3	5470~5725MHz	-4.2
5150~5250MHz	-3.5	5725~5850MHz	-3.8
5250~5350MHz	-4.3	5925~7125MHz	N/A



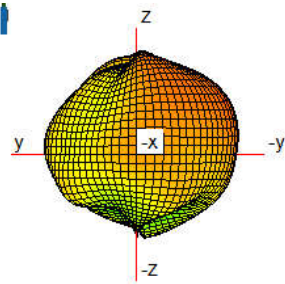
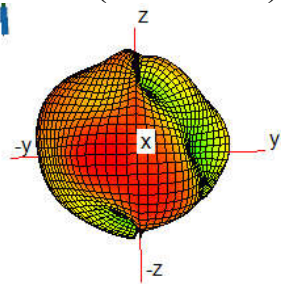
(Rear view– Front view)  
WIFI 2.4G (2450 MHz)



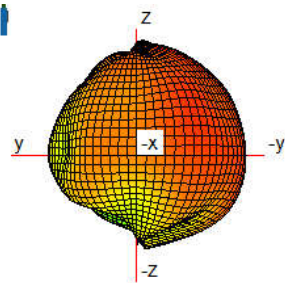
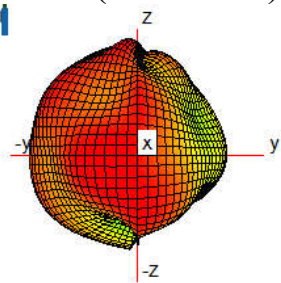
WIFI 5G (5200 MHz)



WiFi 5G (5300 MHz)



WiFi 5G (5500 MHz)



WiFi 5G (5800 MHz)

