
Antenna Reports

Company: Motorola Mobility LLC

Antenna Summary Table

Check items	Information
Provided by lab	Haitong internal lab (GTS)
Manufacturer/ Brand name	WLAN: Huizhou Shuobide wireless Technology Co., Ltd. Xi 'an branch Room 10108, Shuobed Technology, West District, Modern Enterprise Center, Zhangbagou Street, Yanta District, Xi 'an, Shaanxi NFC: Welletronics Communication Technology Co., Limited 1st to 3rd floors, Building 8, Tongfu Estate Industrial Zone, Dalang Community, Dalang Street, Longhua District, Shenzhen
Model name (Part number)	1.ZY-6982-S; 2. QN6982A-HT; NFC: QN6982A-NFC-TF WTT;
Test environment	WTT RD team Lab with GTS2800 chamber Test software: GTS MaxSign-RayZone2800C_Z
List of calibrated test equipment	1. GTS1800 with calibrated date: 5/3/2024~4/3/2025 2. GTS2800 with calibrated date: 15/10/2023~14/10/2024
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT5: WiFi 5G (5.15~5.85GHz), IFA type antenna. ANT6:GPS; BT/WiFi 2.4G(1.575GHz,(2.4~2.5GHz), IFA type NFC Antenna: Differential port to excite Loop + Ferrite sheet with dimension 34.28 mm *27.11mm * 0.22mm
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: *Lipeng*

Antenna Test data:

ANT5

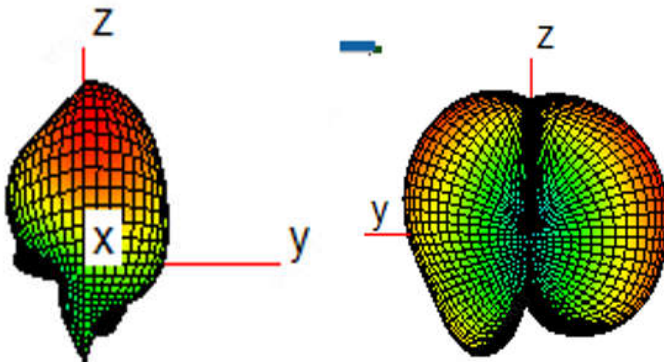
Antenna model name: ZY-6982-S/QN6982A-HT

Antenna type: IFA

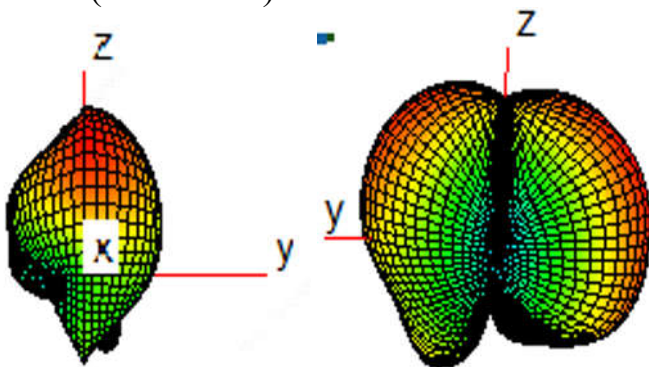
WLAN Peak Gain (dBi)			
5150~5250MHz	-5.7	5470~5725MHz	-5.2
5250~5350MHz	-5.7	5725~5850MHz	-7.2

(Rear view– Front view)

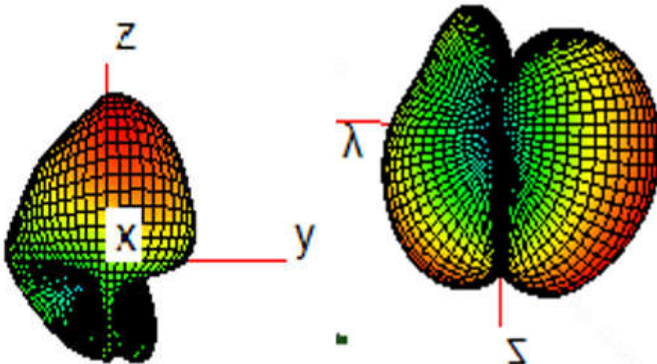
WIFI 5G (5200 MHz)



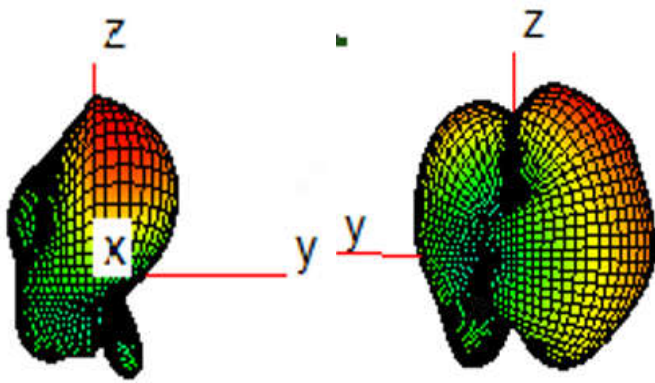
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



ANT6

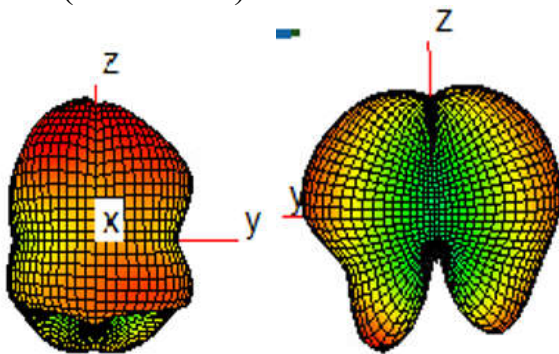
Antenna model name: ZY-6982-S/QN6982A-HT

Antenna type: IFA

GPS +BT/WLAN Peak Gain (dBi)			
1575MHz	-2.5	2400~2483.5MHz	-5.2

(Rear view– Front view)

GPS (1575 MHz)



WIFI 2.4G (2450 MHz)

