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# Antenna Reports

Company: Motorola Mobility LLC

Issue date: 2023/09/12

## 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)	WTT-SQ432-3IN1-TE-X-YYWW
Test environment/Test software name	Welletronics Communication Technology Co.,Ltd. Beijing RD team Lab with GTS1800 chamber G1S MaxSign - RayZone1800G2
List of calibrated test equipment	GTS1800 with calibrated date: 2023/4/20
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN  ANT6:BT 2.4G WiFi 2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.85GHz), IFA type NFC Antenna: Differential port to excite wire coil + Ferrite sheet with dimension 35 mm *25.7mm * 0.25mm
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.

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## Antenna Test data:

### ANT6

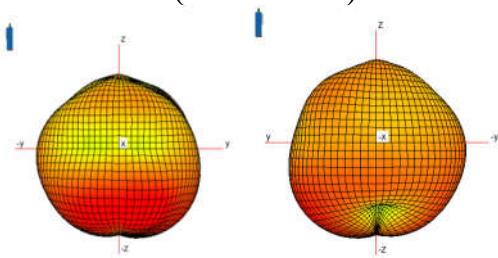
Antenna model name: WTT-SQ432-3IN1-TE-X-YYWW

Antenna type: IFA

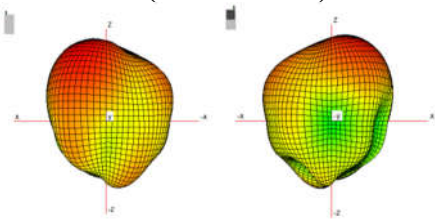
WLAN Peak Gain (dBi)			
2400~2483.5MHz	-1.5	5470~5725MHz	-1
5150~5250MHz	-0.5	5725~5850MHz	-3
5250~5350MHz	-0.5	5925~7125MHz	N/A

(Rear view– Front view)

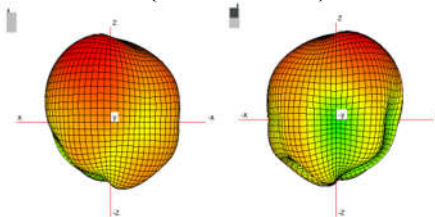
WIFI 2.4G (2450 MHz)



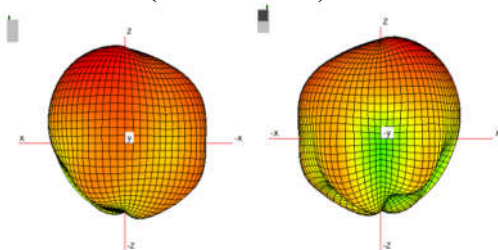
WIFI 5G (5200 MHz)



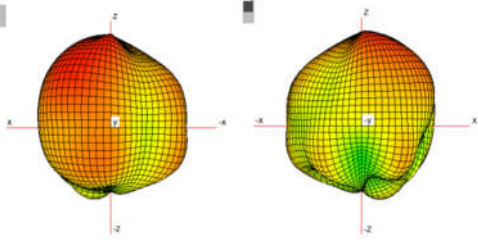
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



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Signature: