
Antenna Reports

Company: Motorola Mobility LLC

Model name: M176

Issue date: 2023/11/21

Documented by: _____ *wmgchuan* _____

Antenna Summary Table

Check items	Information
Provided by lab	WTT lab (GTS 1800)
Manufacturer/ Brand name	Ads:Room 110,Building 5,No.1101,Huyigong Road,Nanxiang Town, Jiading Distrist,Shanghai City WTT
Model name (Part number)	M176
Test environment	(GTS 1800)GTS MaxSign Libra Version-3.0.3.1
List of calibrated test equipment	(GTS 1800)with calibrated date:1/6/2023
Antenna detail info.	ANT: WiFi2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.85GHz), Bluetooth 2.4G antenna PIFA type antenna. NFC: 30.0*32.0mm, Coil Antenna
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:

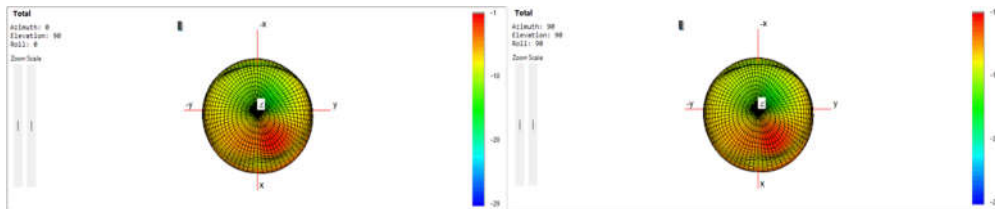
Antenna model name:M176

Antenna type: PIFA

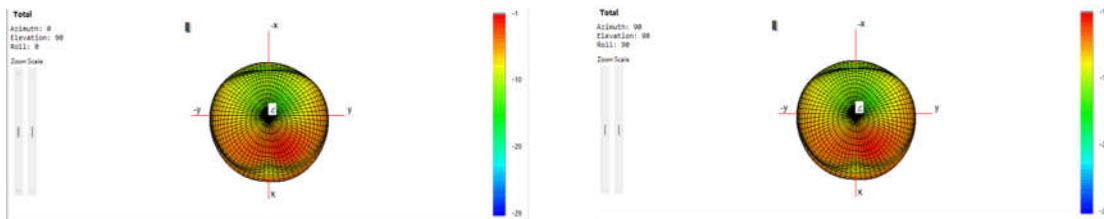
BT/WLAN Gain (dBi)			
2400~2483.5MHz	-3.6	5470~5725MHz	-3.3
5150~5250MHz	-3.5	5725~5850MHz	-6.0
5250~5350MHz	-3.6		

(Rear view– Front view)

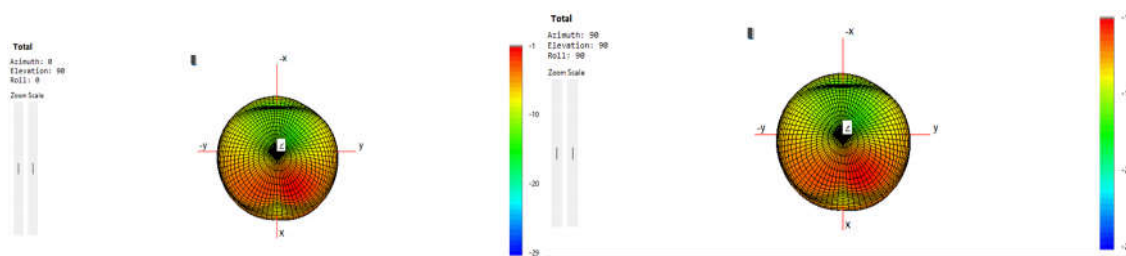
WIFI 2.4G (2412MHz)



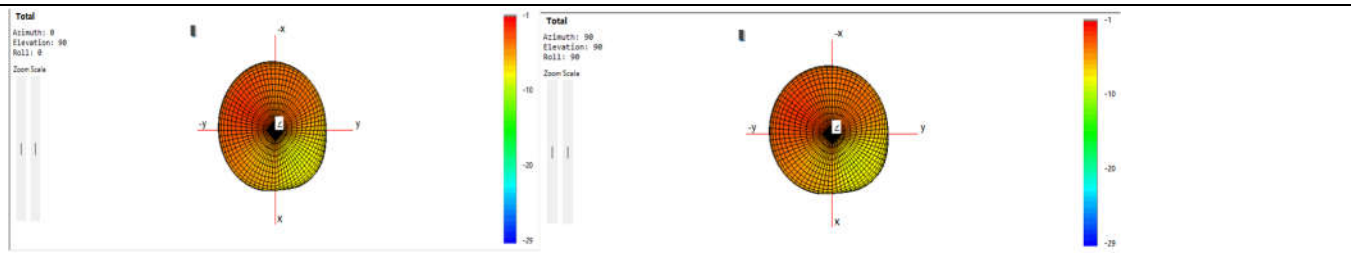
WIFI 2.4G (2442 MHz)



WIFI 2.4G (2472 MHz)



WIFI 5G (5180 MHz)



WIFI 5G (5745 MHz)



WIFI 5G (5805 MHz)

