
Antenna Reports

Model name: H3070-主板支架-LDS-DB-1

Issue date: 2022/3/29

Antenna Summary Table

Check items	Information
Provided by lab	GTS
Manufacturer/ Brand name	Shanghai Deman Electronics Technology Co., Ltd.
Model name (Part number)	H3070-主板支架-LDS-DB-1
Test environment	GTS2800
List of calibrated test equipment	GTS2800 with calibrated date: 20240117 Due date: 20250117
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT6: WiFi2.4G antenna (2.4~2.5GHz , PIFA type antenna. ANT8: WiFi 5G antenna (5.15~5.85GHz),PIFA type NFC Antenna: LOOP 37.6mm*40.76mm*0.25mm WLC antenna: UWB 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:

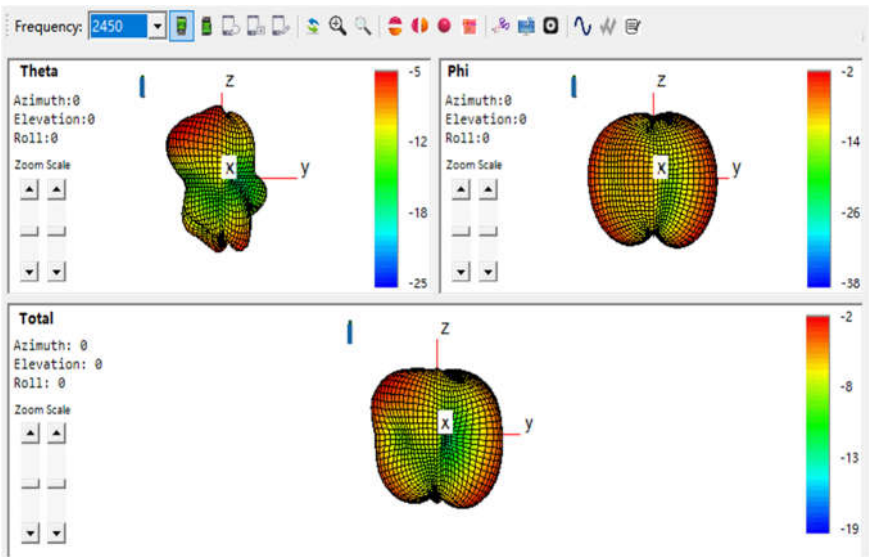
ANT6

Antenna model name: H3070-主板支架-LDS-DB-1

Antenna type: PIFA

BT/WLAN Peak Gain (dBi)	
2400~2483.5MHz	-1.86

WIFI 2.4G (2450 MHz)



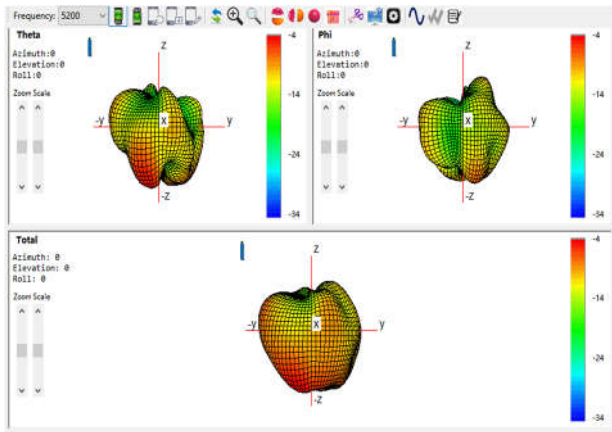
ANT8

Antenna model name: H3070-主板支架-LDS-DB-1

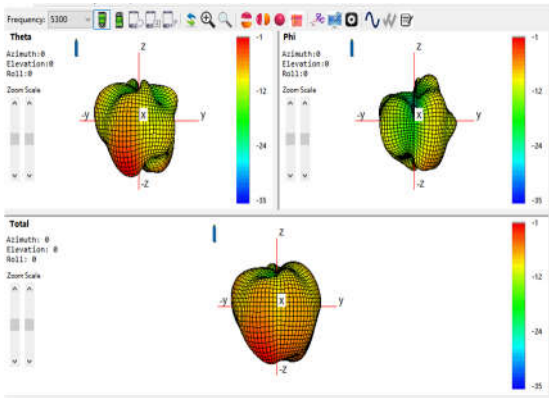
Antenna type: PIFA

WLAN Peak Gain (dBi)			
5150~5250MHz	-2.09	5470~5725MHz	-1.53
5250~5350MHz	-1.52	5725~5850MHz	-1.59

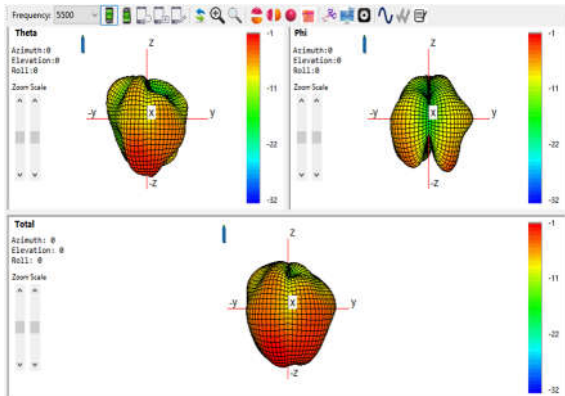
WIFI 5G (5200 MHz)



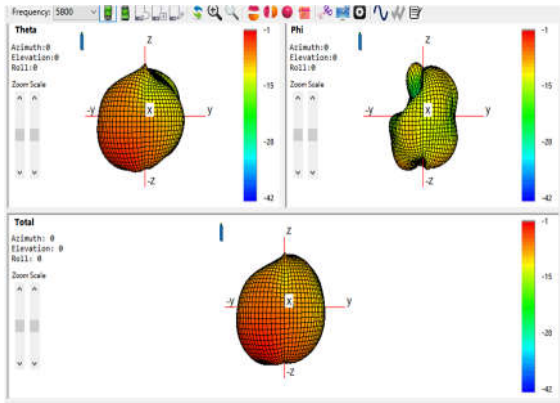
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



3.NFC

Antenna type: FPC (LOOP)

Size: 36.17mm*40.76mm

4. Antenna Manufacturer and address Manufacturer:

Shanghai Deman Electronics Technology Co., Ltd Address: No.58, Shexue Road,
Xinzhuang Industrial Park, Minhang District, Shanghai.

5. Test instrument and calibration date

GTS 2800 calibration date: 20240117 Due date: 20250117

CMW500 calibration date: 20240123 Due date: 20250123

Keysight E5071C calibration date: 20240111 Due date: 20250111

6. Test engineer signature:

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7. Test software

GTS2800