
Antenna Reports

Model name: H3070-主板支架-LDS-DB-1

Issue date: 2022/3/22

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: 2024/01/17 Due date: 2025/01/17 |
| Antenna detail info. | Show WLAN/BT/ NFC only, no WWAN ANT6: WiFi2.4G/BT antenna (2.4~2.5GHz , PIFA type antenna. ANT8: WiFi 5G antenna (5.15~5.85GHz), Loop type NFC Antenna: Differential port to excite Loop + Ferrite sheet with dimension 37.6mm*40.76mm*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.

Antenna Test data:

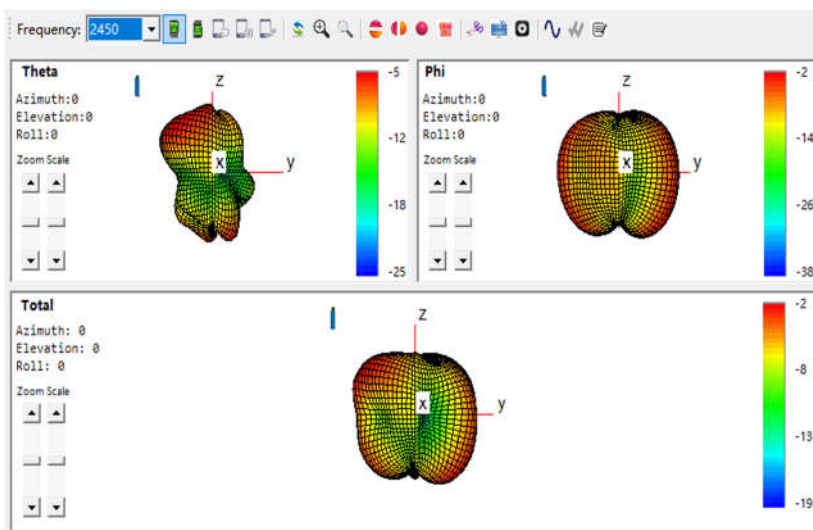
ANT6

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)



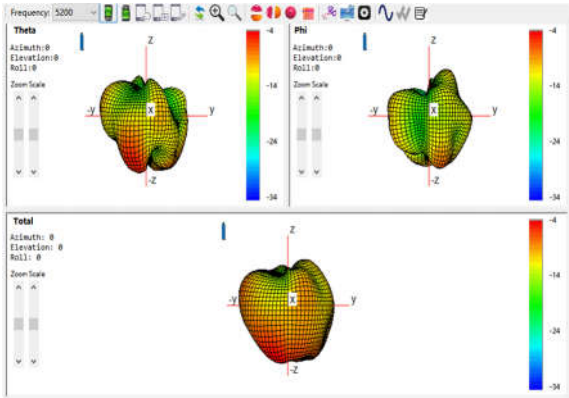
ANT8

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

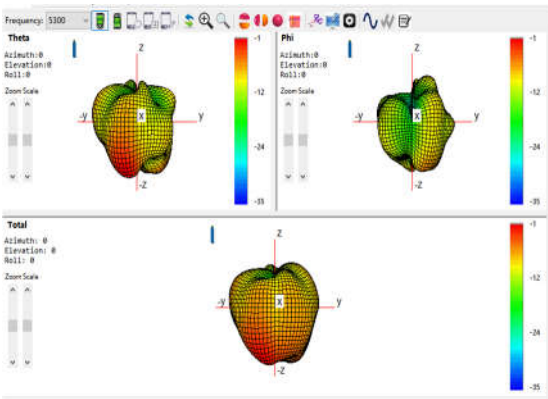
Antenna type: Loop

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

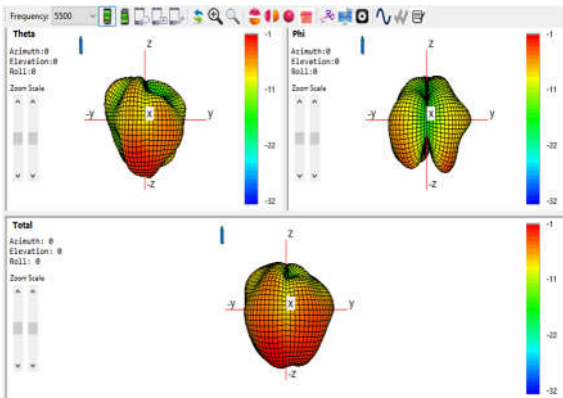
WIFI 5G (5200 MHz)



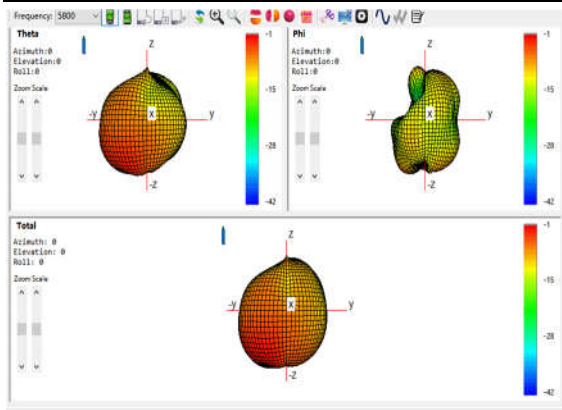
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



3.NFC

Antenna type: LOOP

Size: 37.6mm*40.76mm*0.25mm

Manufacturer: Shanghai Deman Electronics Technology Co., Ltd.

4. Wlan/BT Antenna Manufacturer and address Manufacturer:

Dongguan Huayu Precision Technology Co., Ltd Address: No. 2,
Fengtian Road, Tangxia Town, Dongguan City Province.

5. Test instrument and calibration date

GTS 2800 calibration date: 2024/01/17 Due date: 2025/01/17

CMW500 calibration date: 2024/01/23 Due date: 2025/01/23

Keysight E5071C calibration date: 2024/01/11 Due date: 2025/01/11

7. Test engineer signature:

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9. Test software

GTS2800