
Antenna Reports

ST6729-UP-SPD

Test lab: Speed lab (ETS)

Issue date: 2024/09/25

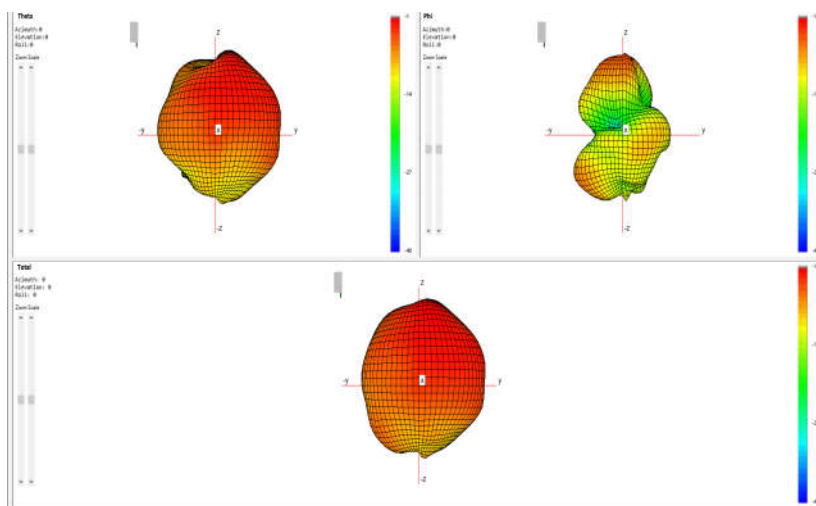
1. Peak Gain

ANT3

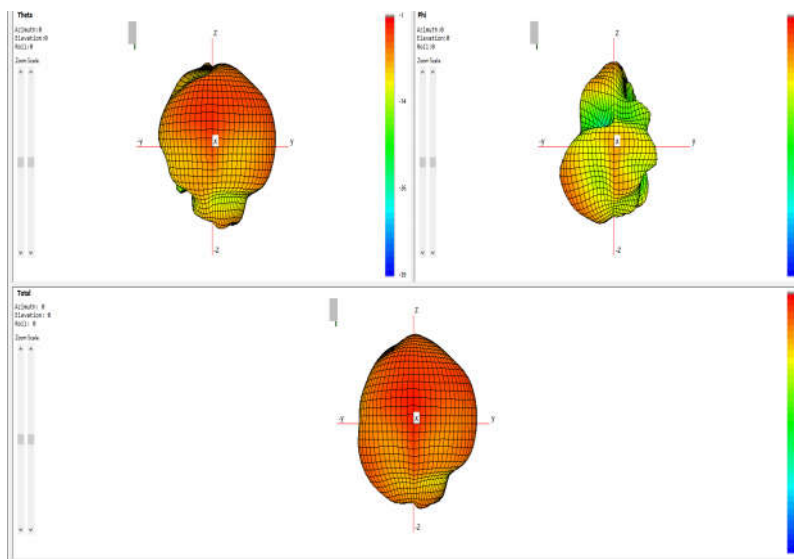
Antenna type: MDA (LOOP)

GPS/WLAN Peak Gain (dBi)	Peak Gain(dBi)
5150~5250MHz	-3.37
5250~5350MHz	-3.11
5470~5725MHz	-3.11
5725~5850MHz	-3.11

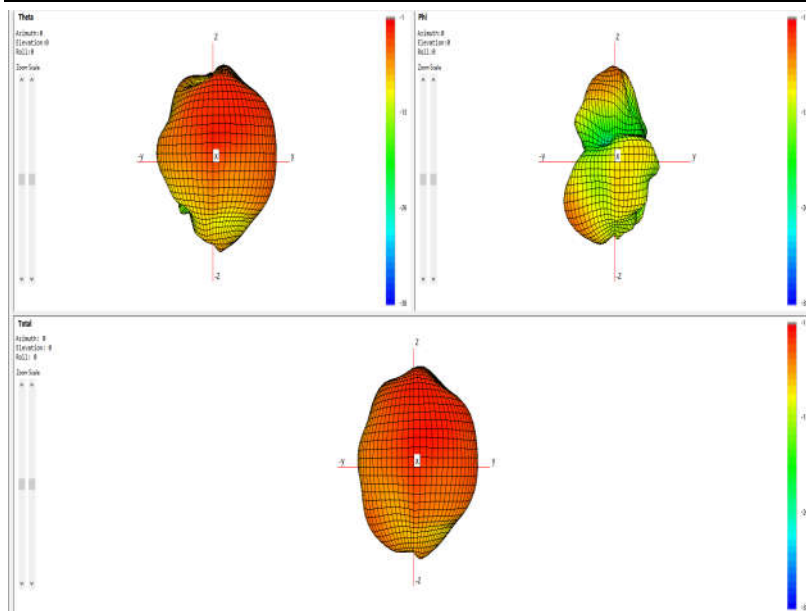
5200MHz



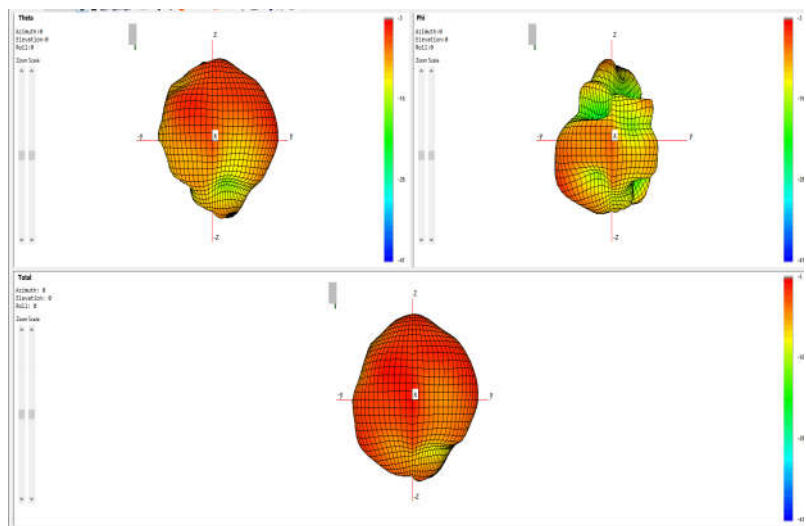
5400MHz



5600MHz



5800MHz



ANT6

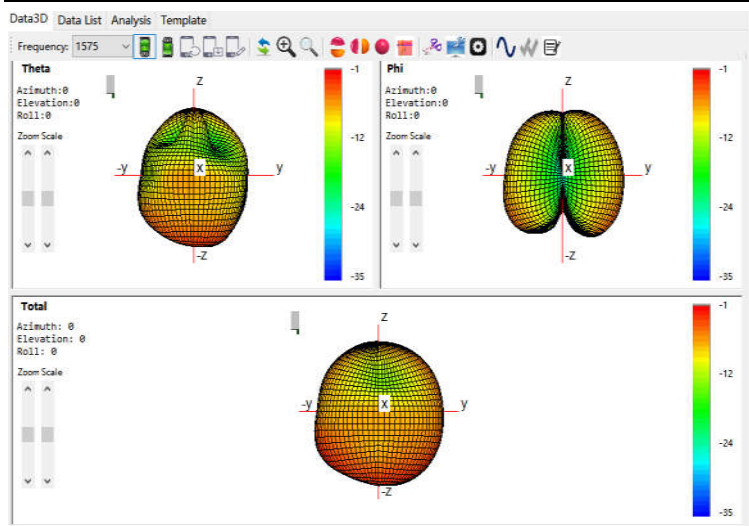
Antenna type: MDA (IFA)

GPS/WLAN/BT Peak Gain (dBi)			
1550-1650MHz	-0.53	2400-2500MHz	-1.96

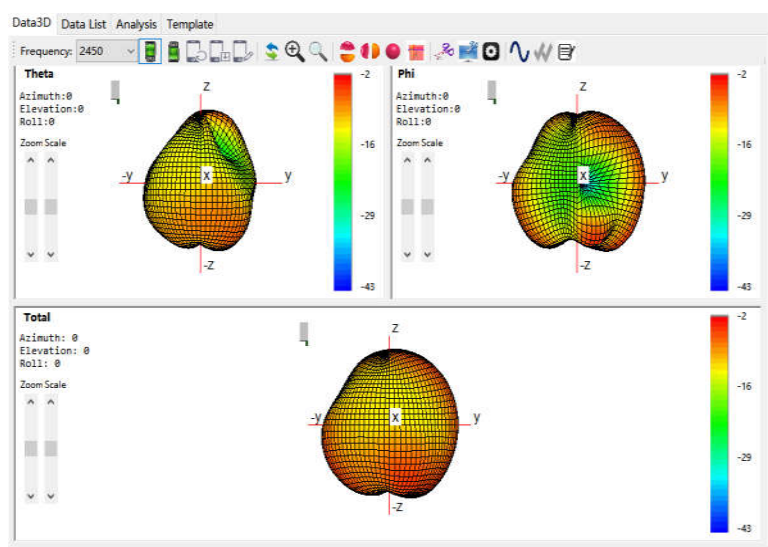
Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document

(Right view – Rear view – Left view – Front view)

GPS (1575 MHz)



BT/WIFI 2.4G (2450 MHz)



2. Antenna Manufacturer and address

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

3. Test instrument and calibration date

4. GTS 2800 calibration date: 20240117 due data: 20250117
5. CMW500 calibration date: 20240123 due data: 20250123
6. Keysight E5071C calibration date: 20240111 due data: 20250111
7. Test engineer signature

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8. NFC Antenna type : LOOP

9. Test software

GTS2800