
Antenna Reports

Company: SPEED

Model name: HQ26006001EL0

Issue date: 2026/06/05

Documented by: _

Rennell

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Antenna Summary Table

Check items	Information
Provided by lab	SPEED ETS LAB
Manufacturer/ Brand name	SPEED
Model name (Part number)	HQ26006001EL0
Test environment	ETS AMS-8500 OTA Performance Test System
Test software	EMQuest Data Acquisition and Analysis Software
List of calibrated test equipment	ETS AMS-8500 with calibrated date: On December 6, 2025, Due to On December 5, 2026; Keysight E5071C with calibrated date: On December 26, 2025, Due to On December 25, 2026
Antenna detail info.	ANT1: BT/WiFi2.4G / 5G / 6E antenna (2.4~2.5GHz, 5.15~7.125GHz), PIFA type antenna. ANT2: WiFi 2.4G / 5G / 6E antenna (2.4~2.5GHz, 5.15~7.125GHz), PIFA type 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:

ANT2

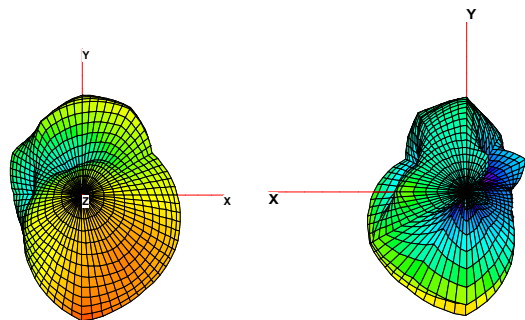
Antenna model name: HQ26006001EL0

Antenna type: PIFA

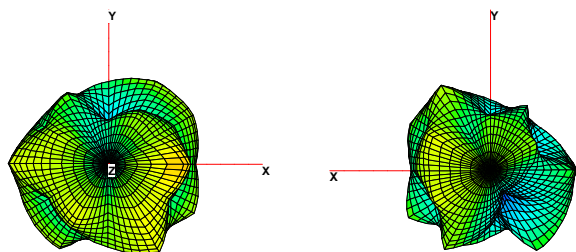
WLAN Peak Gain (dBi)			
2400~2483.5MHz	2.70	6425~6525MHz	1.27
5150~5250MHz	2.17	6525~6875MHz	1.16
5250~5350MHz	2.07	6875~7125MHz	1.17
5470~5725MHz	1.82		
5725~5850MHz	3.81		
5850~5925MHz	2.71		
5925~6425MHz	2.82		

(Rear view– Front view)

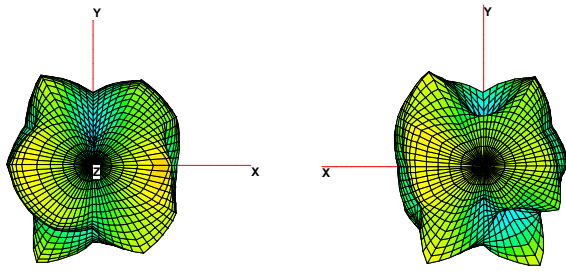
WIFI 2.4G (2450 MHz)



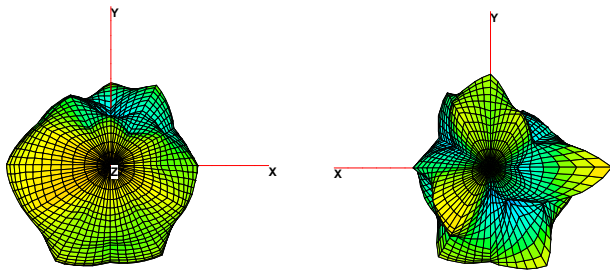
WIFI 5G (5200 MHz)



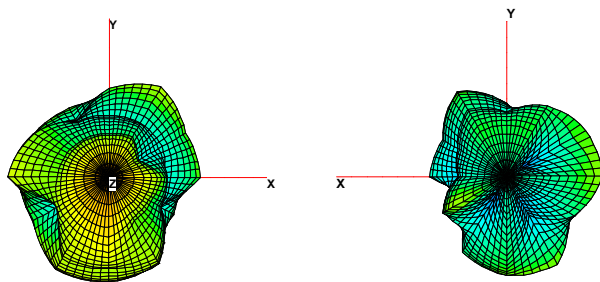
WIFI 5G (5300 MHz)



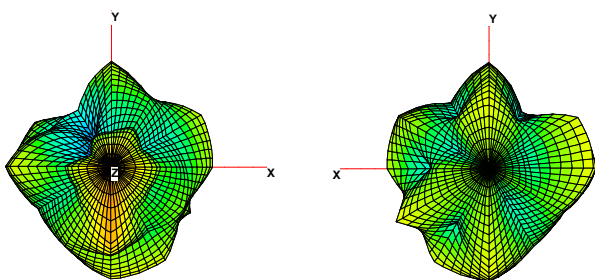
WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



WIFI 6E (6400 MHz)



ANT1

Antenna model name: HQ26006001EL0

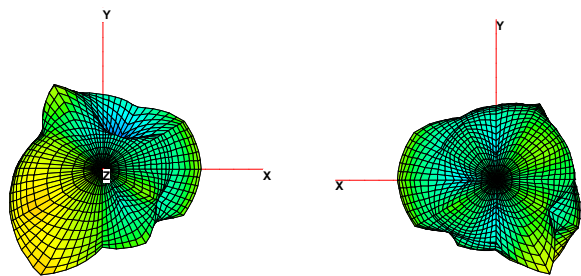
Antenna type: PIFA

WLAN Peak Gain (dBi)			
2400~2483.5MHz	1.86	6425~6525MHz	1.75
5150~5250MHz	2.28	6525~6875MHz	1.87
5250~5350MHz	1.45	6875~7125MHz	1.82
5470~5725MHz	1.96		
5725~5850MHz	1.42		
5850~5925MHz	1.29		
5925~6425MHz	1.52		

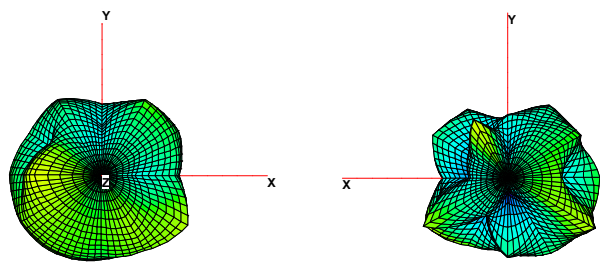
BT (dBi)			
2400~2483.5MHz	1.86		

(Rear view– Front view)

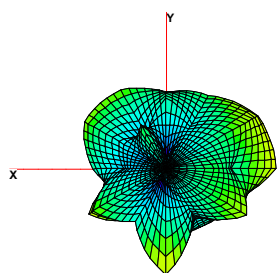
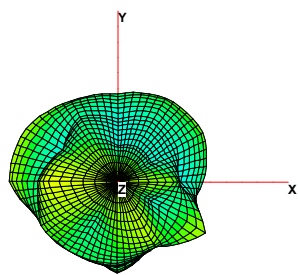
WIFI 2.4G (2450 MHz)



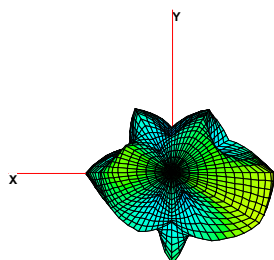
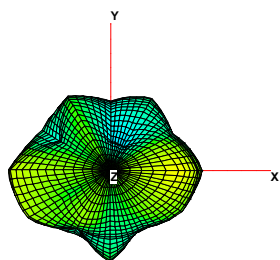
WIFI 5G (5200 MHz)



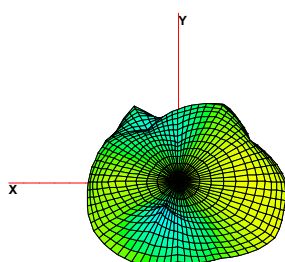
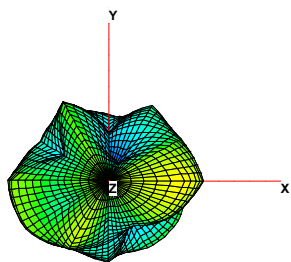
WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)



WIFI 6E (6500 MHz)

