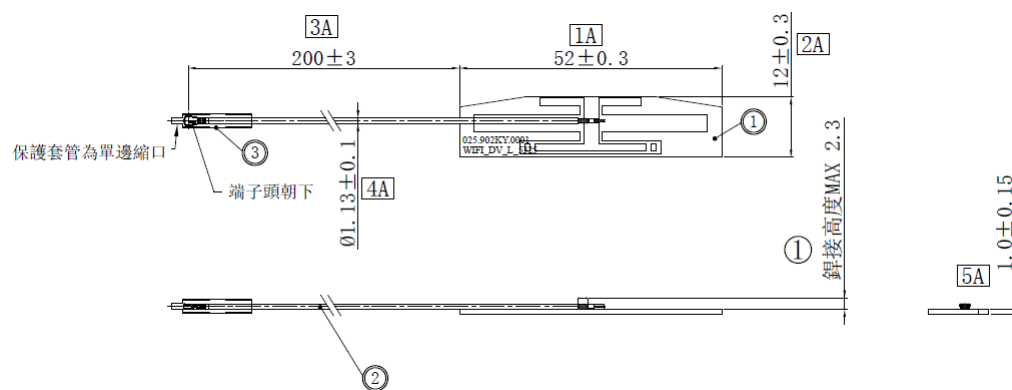


Mercury Antenna SPECIFICATION

Antenna Manufacturer Name	Auden Techno. Corp.
Address	桃園市八德區和平路 772 巷 19 號
P/N:	B93640-30 B93641-30
Test DATE	2025/07/09
DATASHEET REVISION	V01

Antenna	B93640-30
Frequency Range	WIFI 2.4G/5G
Impedance	50Ω
Peak gain	2.37dBi @ 2442MHz 3.29dBi @ 5750MHz
Antenna type	Dipole
Process	PCB

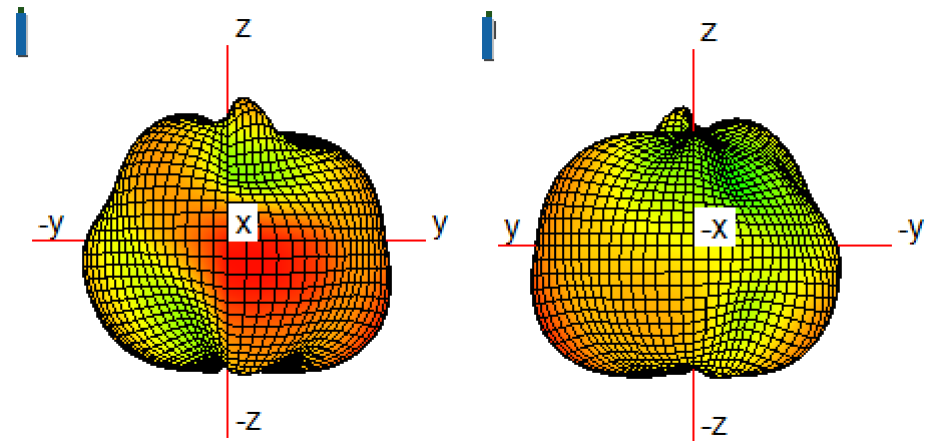
Antenna 2D Drawing



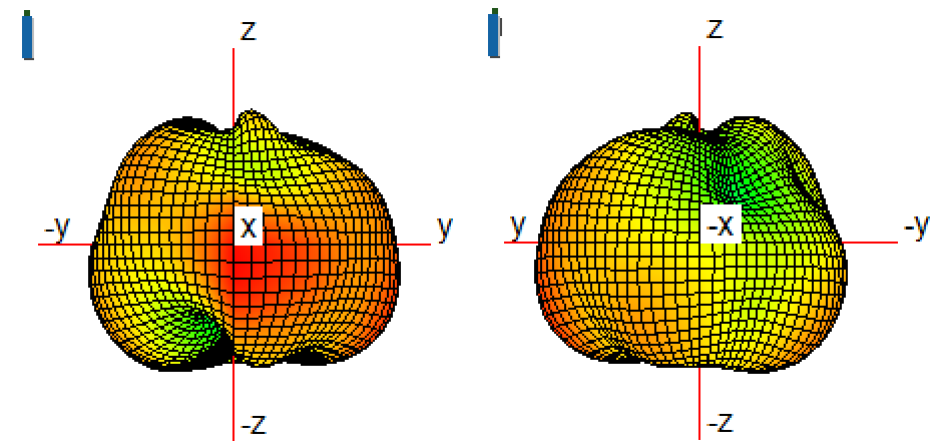
Antenna Gain:

Freq.	Peak Gain
2400	2.12
2440	2.37
2480	2.15
5150	3.11
5250	3.05
5350	3.47
5450	3.01
5550	3.36
5650	3.29
5750	3.29
5850	3.33

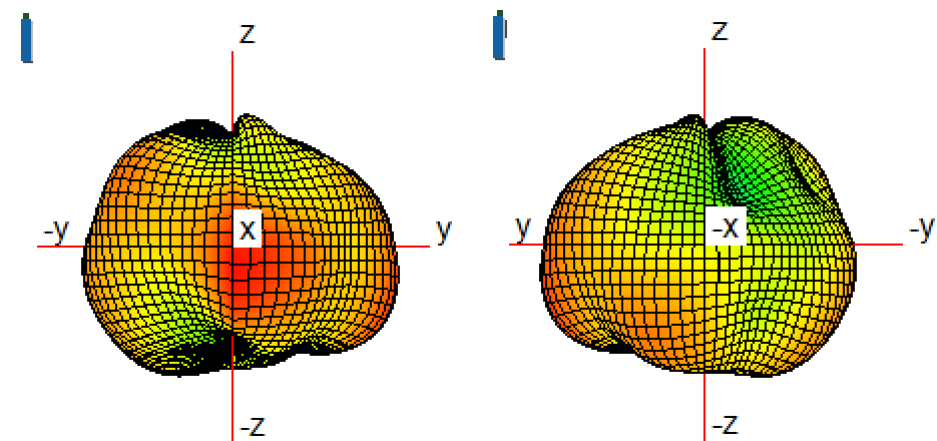
- 2402 MHz



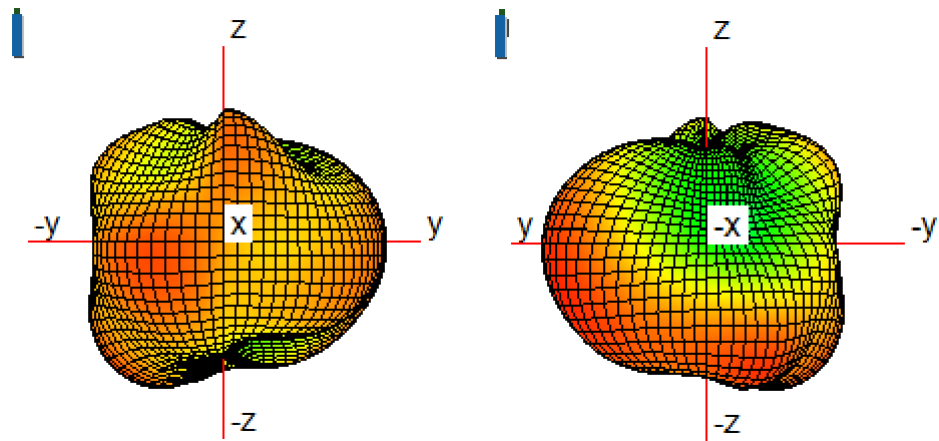
- 2442 MHz



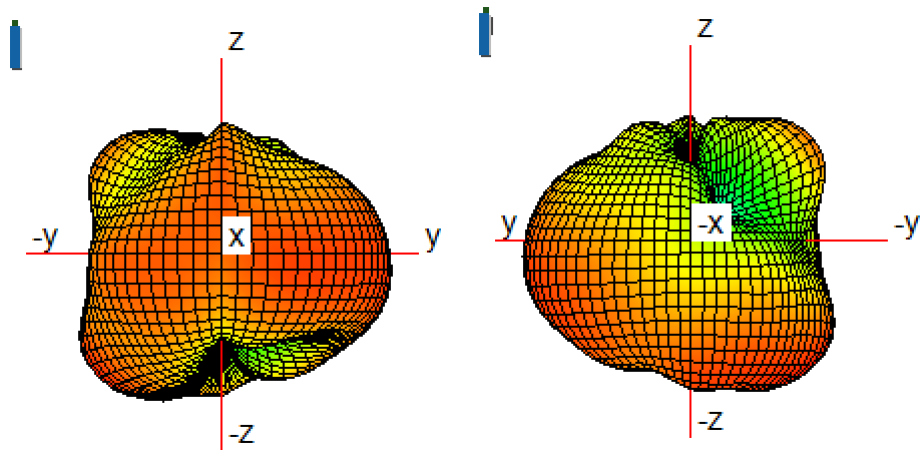
- 2472 MHz



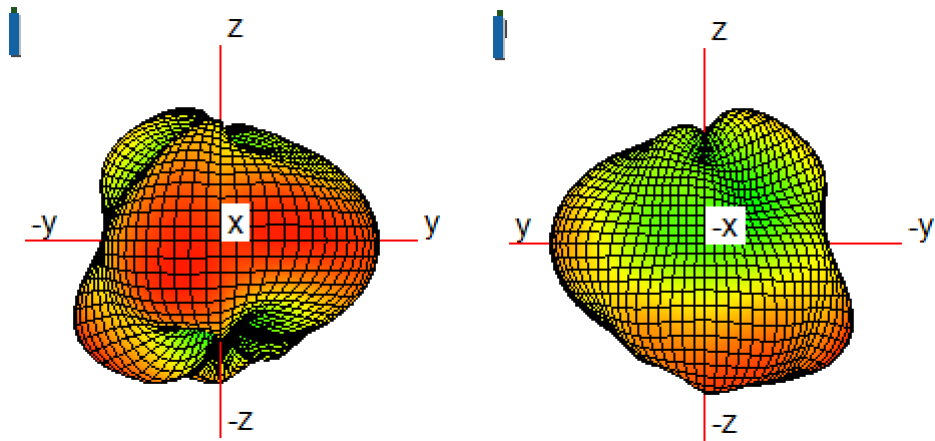
- 5150 MHz



- 5470 MHz

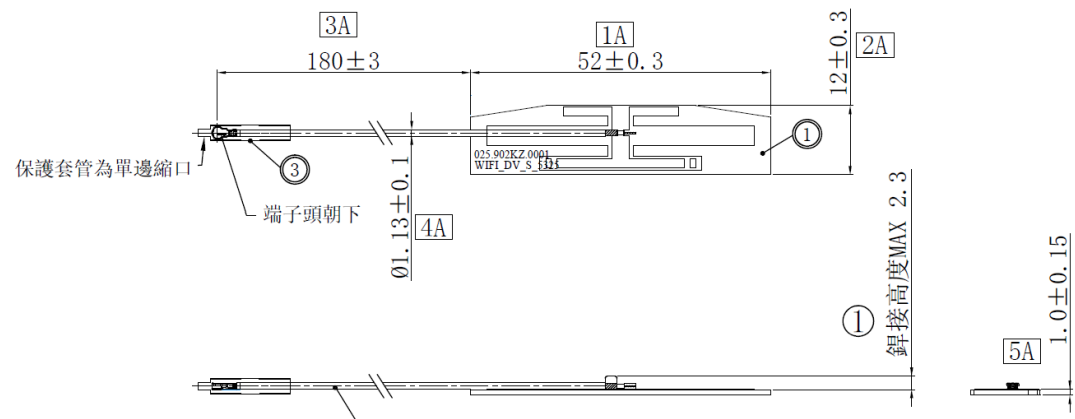


- 5850 MHz



Antenna	B93641-30
Frequency Range	WIFI 2.4G/5G
Impedance	50Ω
Peak gain	2.4dBi @ 2402MHz 3.01dBi @ 5450MHz
Antenna type	Dipole
Process	PCB

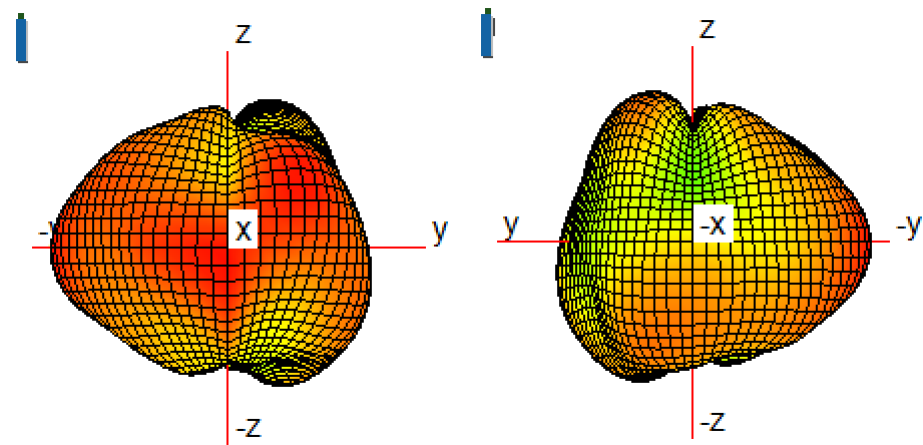
Antenna 2D Drawing



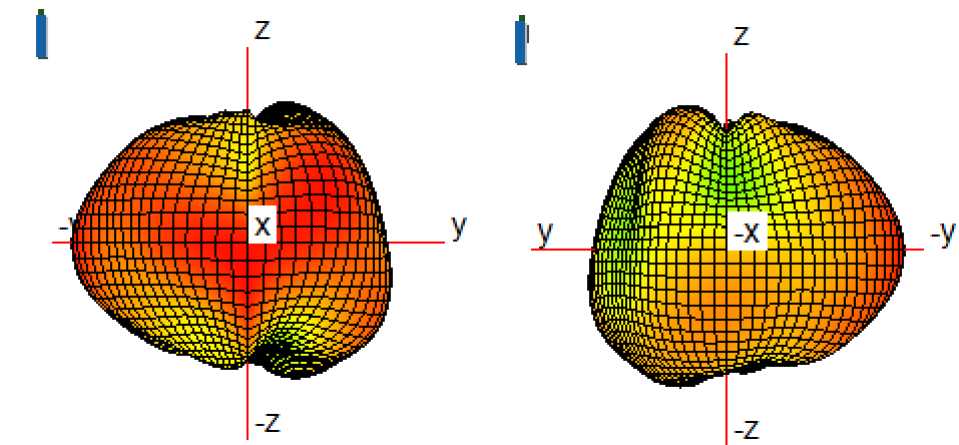
Antenna Gain:

Freq.	Peak Gain
2400	2.40
2440	2.15
2480	2.39
5150	3.04
5250	3.02
5350	2.63
5450	3.01
5550	3.01
5650	3.43
5750	3.30
5850	2.24

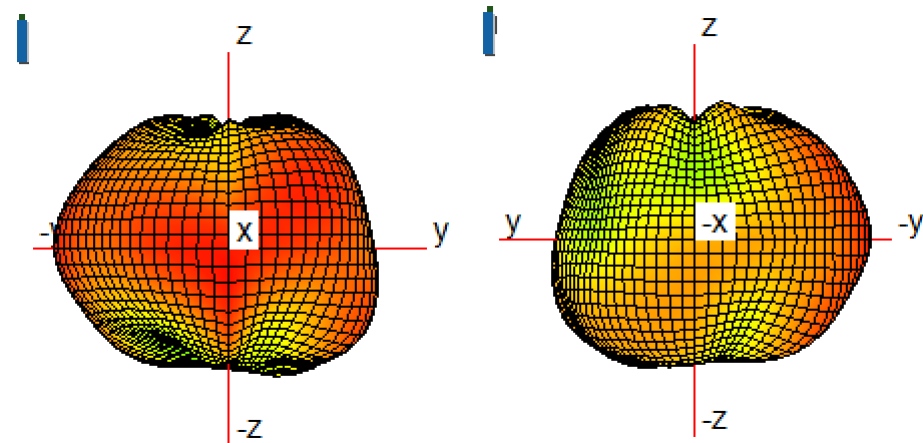
- 2402 MHz



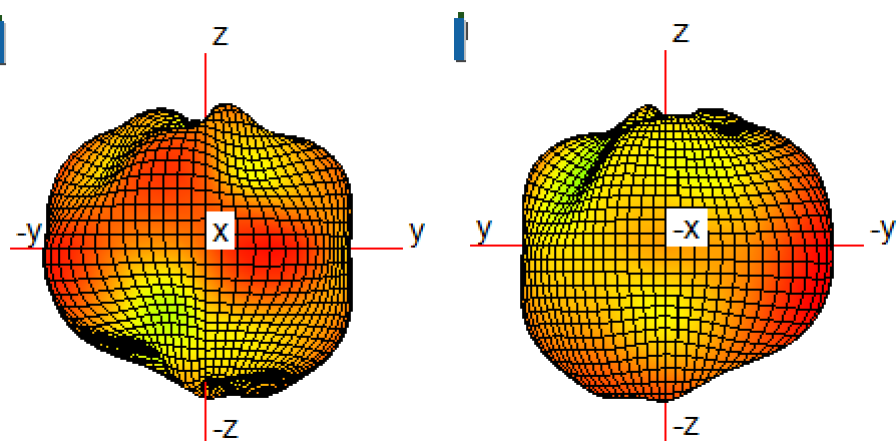
- 2442 MHz



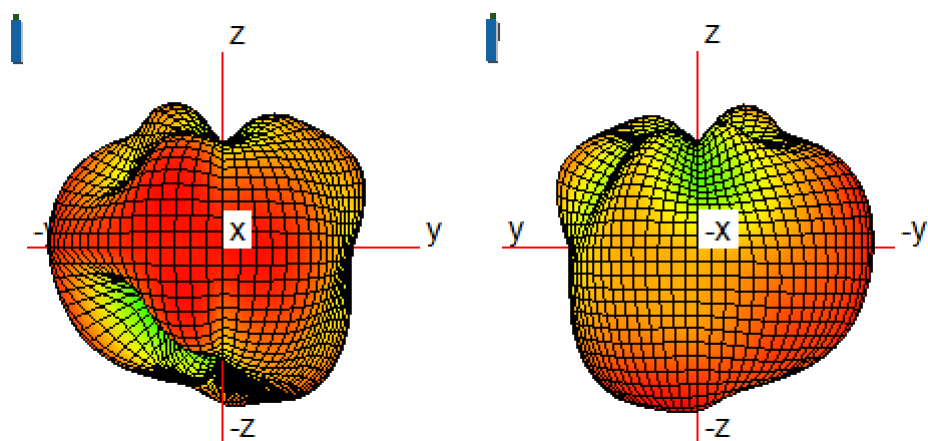
- 2472 MHz



- 5150 MHz



- 5470 MHz



- 5850 MHz

