



OTA Antenna Performance Data Summary

APPLICANT : Juul Labs, Inc.
EQUIPMENT : Electronic Nicotine Delivery System (ENDS) Device
BRAND NAME : JUUL2 System
MODEL NAME : JST002
DATE OF RECEIPT : Jul. 01, 2026
DATE OF TEST : Jul. 01, 2026

Reviewed by:

Feynman Liu / Vice Manager

Approved by:

Kevin Chu / Manager

Sporton International Inc. (Kunshan)

***No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China***



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Revision History

DATA NO.	VERSION	DESCRIPTION	ISSUED DATE
OQ662604	1.0	Initial issue of Data Summary	Jul. 06, 2026

1. Administration Data

1.1 Testing Laboratory

Test Site	Sporton International Inc. (Kunshan)
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL: +86-0512-5790-0158
Chamber	☐ OTA01-KS ☐ OTA02-KS ☐ OTA03-KS ☒ OTA04-KS ☐ OTA05-KS

■: Indicates the chamber(s) used in this test Data Summary

1.2 Applicant

Company Name	Juul Labs, Inc.
Address	605 20th Street, San Francisco, California 94107, USA
Contact Person	Michael Smith
Telephone Number	+1-650-436-2504

1.3 Manufacturer

Company Name	Juul Labs, Inc.
Address	605 20th Street, San Francisco, California 94107, USA
Contact Person	Michael Smith
Telephone Number	+1-650-436-2504



2. Test Equipment List

Name	Manufacturer	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
Network Analyzer	Agilent	E5071C	MY46317418	2025/12/24	2026/12/23
Switch Control	ETS-Lindgren	EMCenter	00160100	NCR	NCR
Diagonal Dual Polarized Horn	ETS-Lindgren	3164-08	00099205	NCR	NCR
Multi-Devices Controller	ETS-Lindgren	2090-OPT1	00066604	NCR	NCR
Medium Duty Holder	ETS-Lindgren	2015	N/A	NCR	NCR

3. Summary of Test Results

3.1 Antenna Efficiency (3D) at Bluetooth 2.4GHz

- The Efficiency (3D) of Bluetooth antenna is more than -17.6dBi.

Frequency (MHz)	Efficiency (dBi)
2402	-17.6
2440	-15.9
2480	-16.0

Remark: Data was tested at 15°.

3.2 Antenna Peak Gain at Bluetooth 2.4GHz

- Max Antenna 3D Radiation Pattern 2402MHz

Frequency (MHz)	Peak Gain w/ FPC (Transmission Line) Loss (dBi)
2402	-11.6

- Max Antenna 3D Radiation Pattern 2440MHz

Frequency (MHz)	Peak Gain w/ FPC (Transmission Line) Loss (dBi)
2440	-9.6

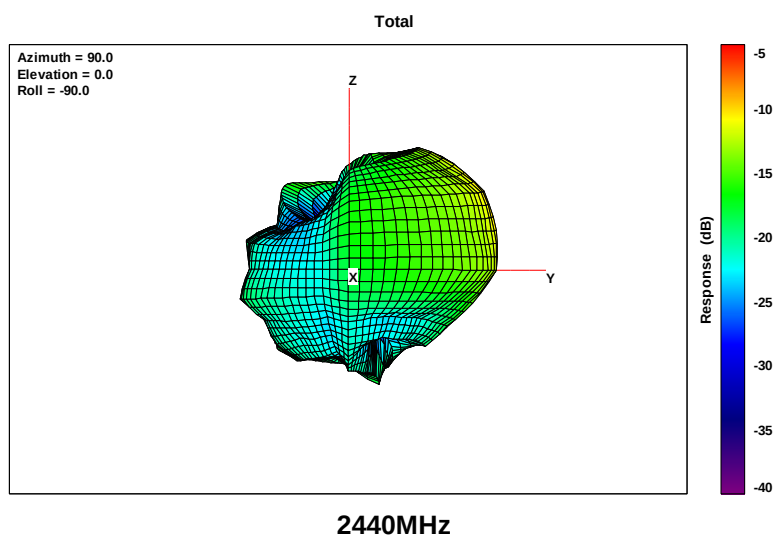
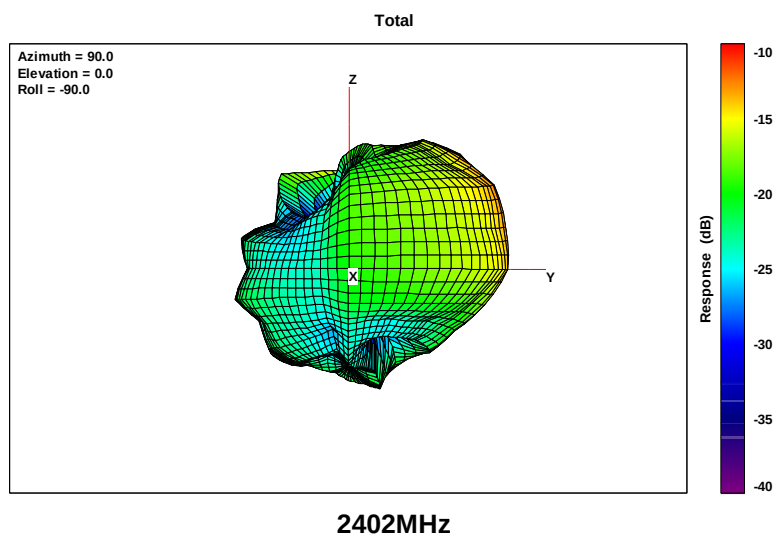
- Max Antenna 3D Radiation Pattern 2480MHz

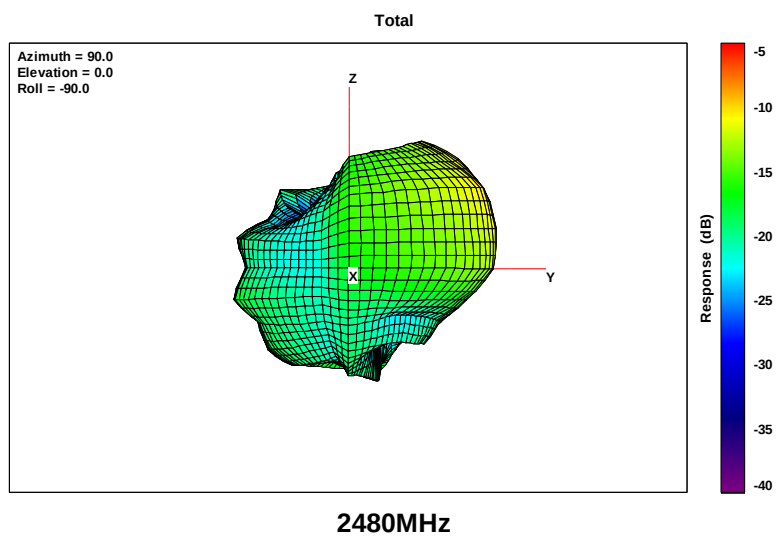
Frequency (MHz)	Peak Gain w/ FPC (Transmission Line) Loss (dBi)
2480	-9.8

4. Pattern Plots

Please refer to as below.

3D pattern Plots





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