



RF Exposure Analysis / Report

On

Bathless Dissolution Tester
Model: Olera Select

FCC ID: 2BUPX-OLERA

Retlif Testing Laboratories FCC Registration Number: 518126

Customer Name: Distek, Inc.

Customer P.O.: 538524

Date of Report: April 2, 2026

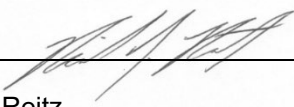
Test Report No: R-4109P-1, Rev. A

Test Start Date: December 22, 2025

Test Finish Date: January 12, 2026

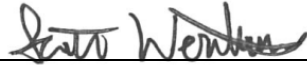
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Certification and Signatures We certify that this report is a true representation of the results obtained from the tests of the equipment stated. We further certify that the measurements shown in this report were made in accordance with the procedures indicated and vouch for the qualifications of all Retlif Testing Laboratories personnel taking them.


Richard J. Reitz

Director of Engineering

iNARTE Electromagnetic Compatibility Engineer EMC-050739-E


Scott Wentworth

Branch Manager

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Table of Contents

Revision History	3
Test Program Summary	4
RF Exposure - Requirements and Test Results	5
Requirement: 1.1310(d)(2), Radiofrequency Radiation Exposure Limits	5
Test Equipment:	5
Test Results:	5
Test Photographs	6
Test Data	17



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Report No. R-4109P-1, Rev. A

Revision History

Revisions to this document are listed below; the latest revised document supersedes all previous issues of this document:

Revision	Date	Pages Affected
-	March 19, 2026	Original Release
A	April 2, 2026	Global Change: Report No. R-4109P-1 changed to R-4109P-1, Rev. A
		18: Added column to tabular data showing the separation distance of the antenna to the EUT



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Report No. R-4109P-1, Rev. A

Test Program Summary

Report Number: R-4109P-1, Rev. A

Customer: Distek, Inc.

Address: 121 North Center Drive

North Brunswick, NJ 08902

Manufacturer: Distek, Inc.

Manufacturer Address: 121 North Center Drive

North Brunswick, NJ 08902

Test Sample: Bathless Dissolution Tester

FCC ID: 2BUPX-OLERA

Test Specification:

FCC Part 1.1310, Radiofrequency Radiation Exposure Limits

Test Procedure:

FCC OET Bulletin 65

Test Facility:

Retlif Testing Laboratories
3131 Detwiler Road
Harleysville, PA 19438

MRA Designation Number: US2321

Retlif Testing Laboratories FCC Registration Number: 518126



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Report No. R-4109P-1, Rev. A

RF Exposure - Requirements and Test Results

Requirement: 1.1310(d)(2), Radiofrequency Radiation Exposure Limits

For operations within the frequency range of 300 kHz and 6 GHz (inclusive), the limits for maximum permissible exposure (MPE), derived from whole-body SAR limits and listed in Table 1 in [paragraph \(e\)\(1\)](#) of this section, may be used instead of whole-body SAR limits as set forth in [paragraphs \(a\)](#) through [\(c\)](#) of this section to evaluate the environmental impact of human exposure to RF radiation as specified in [§ 1.1307\(b\) of this part](#), except for portable devices as defined in [§ 2.1093 of this chapter](#) as these evaluations shall be performed according to the SAR provisions in [§ 2.1093](#).

Table 1 FCC [§ 1.1310\(e\)\(1\)](#) - Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

Test Equipment:

The details of the test equipment utilized during the performance of this test method are shown below:

EN	Manufacturer	Model No.	Description	Serial No.	Due Date
8619	OMEGA	OM-73	HYGROMETER, -20 to 70 deg. C, 0-99% RH	051442102C	4/30/2026
R840	NARDA	EHP-200A	ANALYZER, FIELD STRENGTH, 9 kHz - 30 MHz	180zx00607	10/28/2026

Test Results:

The measured field strengths did not exceed the specified MPE limits at a distance of 0 cm for both General Population/Uncontrolled Exposure and for Occupational/Controlled Exposure.



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Report No. R-4109P-1, Rev. A

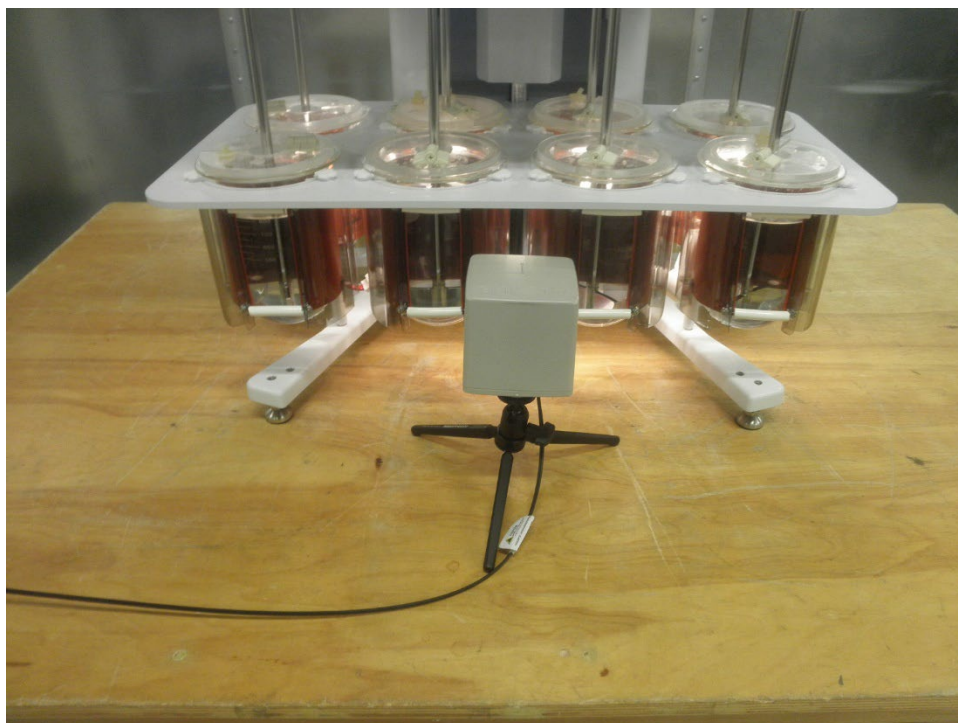
**Test Photographs
RF Exposure**



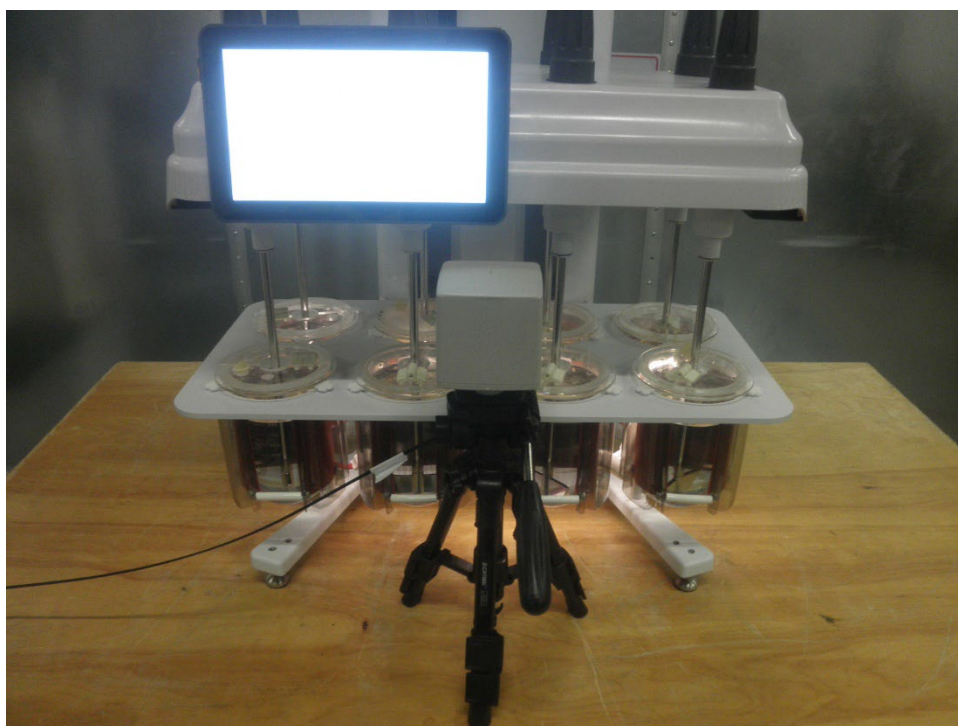
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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Front, 20 cm



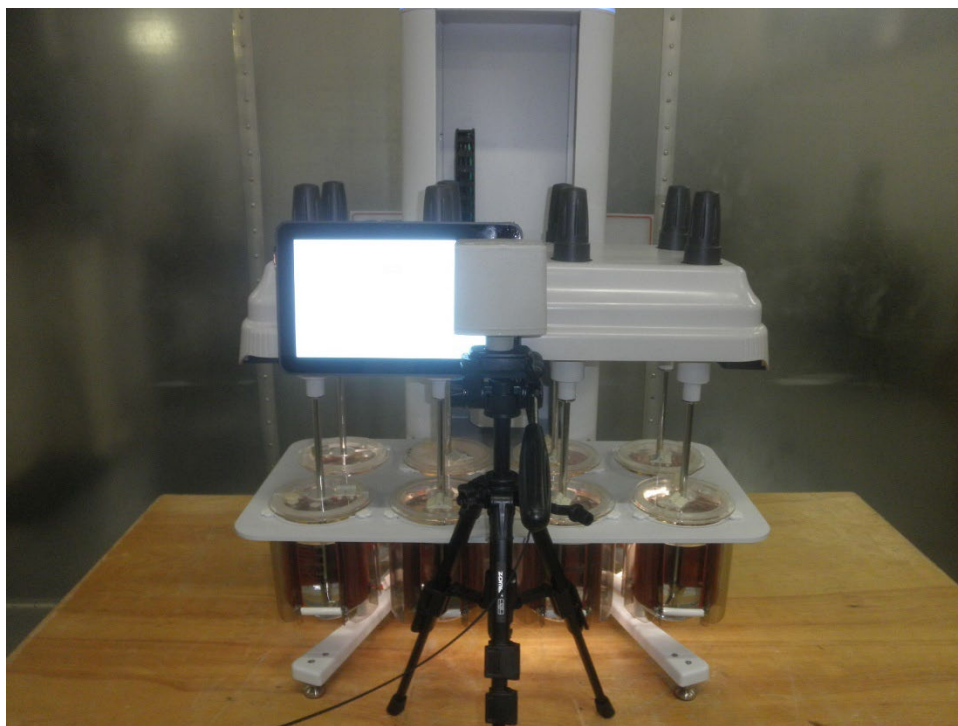
Probe Location, Front, 40 cm



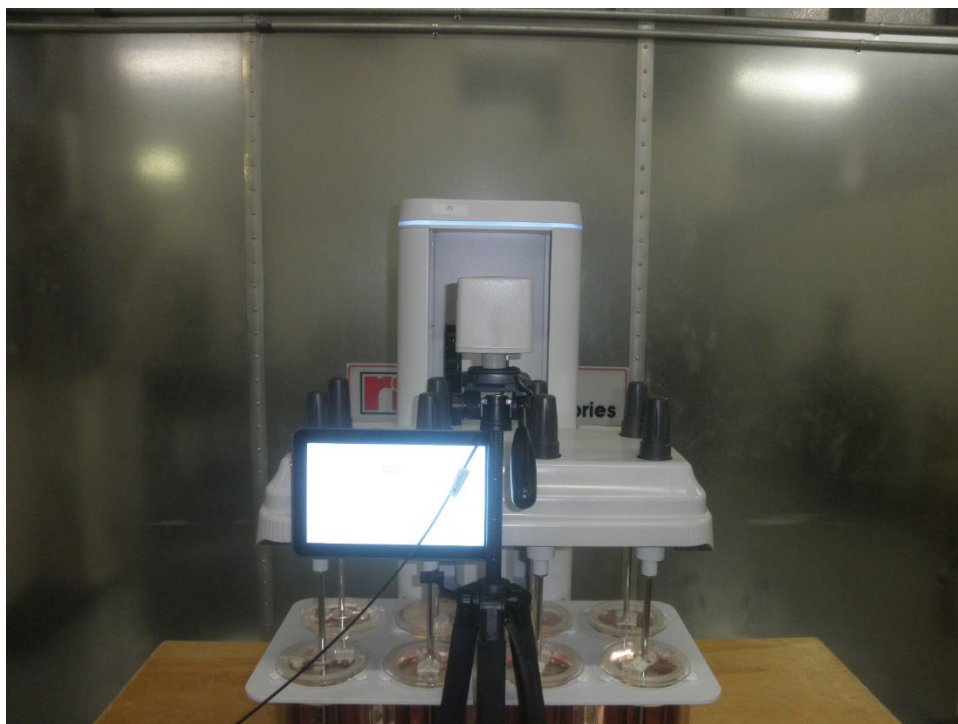
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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Front, 60 cm



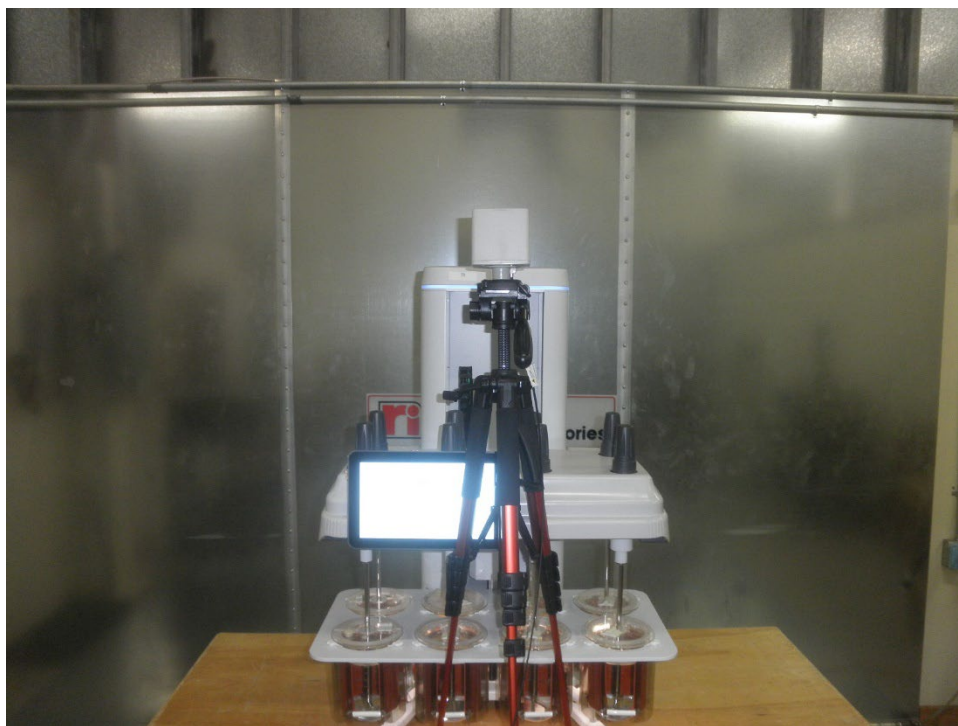
Probe Location, Front, 80 cm



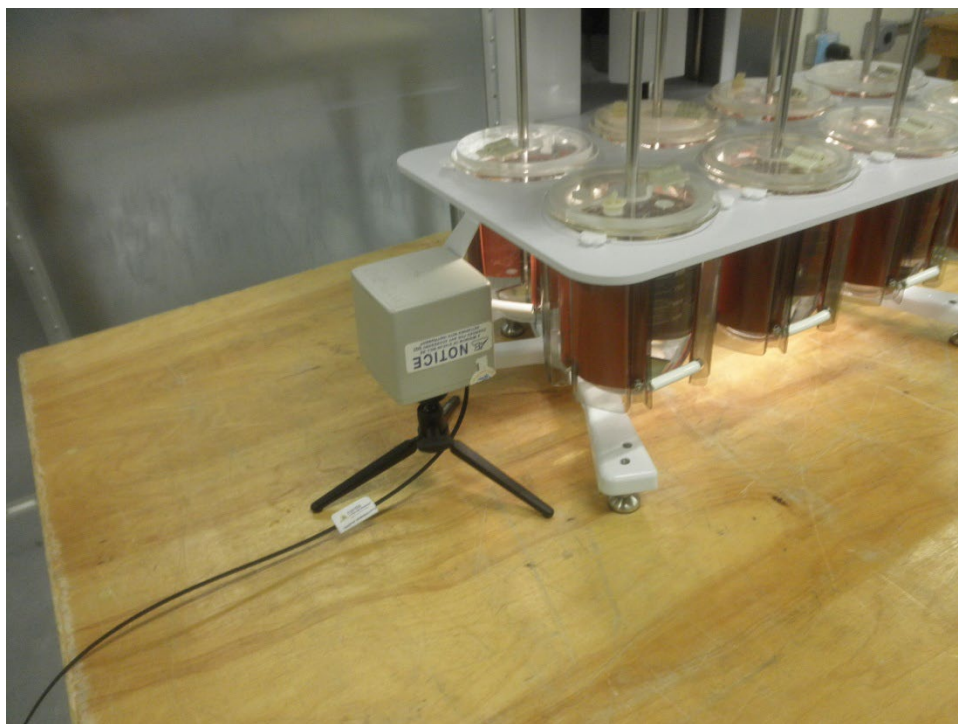
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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Front, 100 cm



Probe Location, Left, 20 cm



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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Left, 40 cm



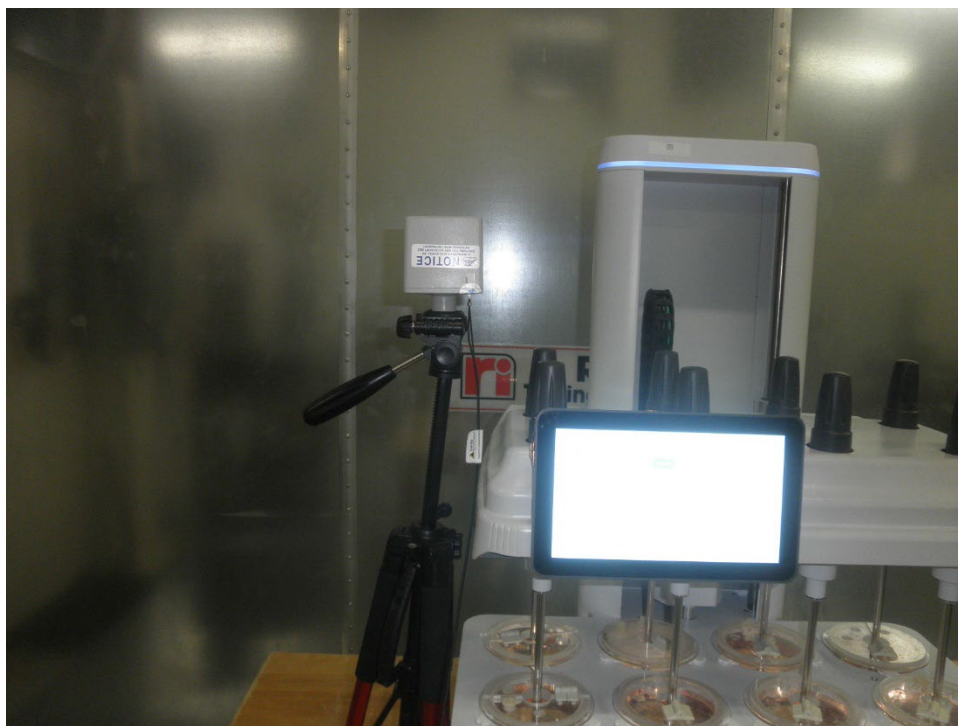
Probe Location, Left, 60 cm



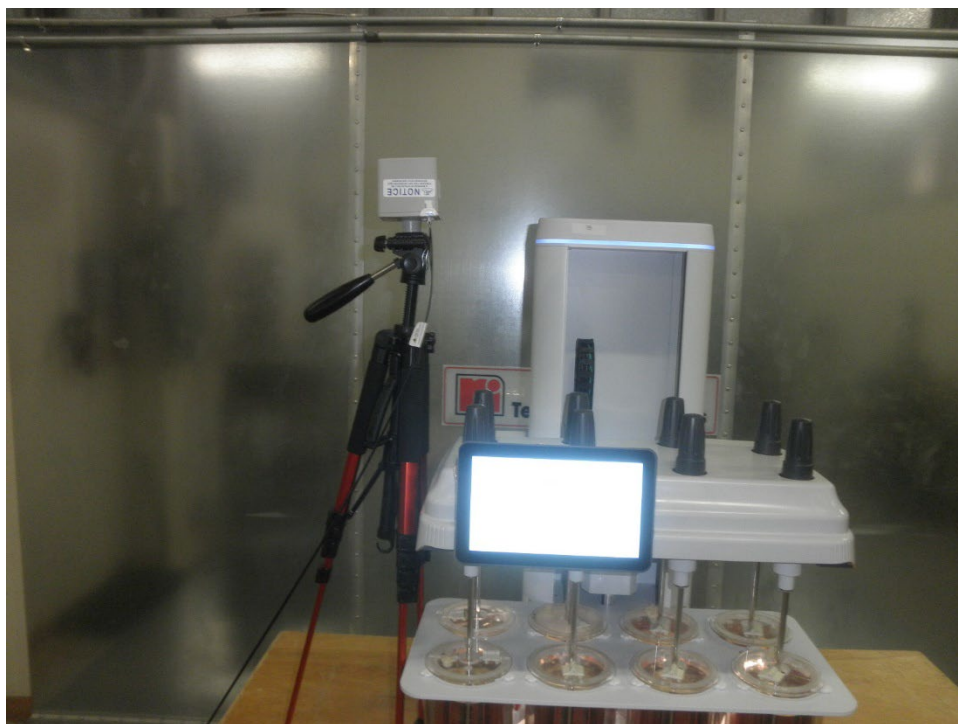
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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Left, 80 cm



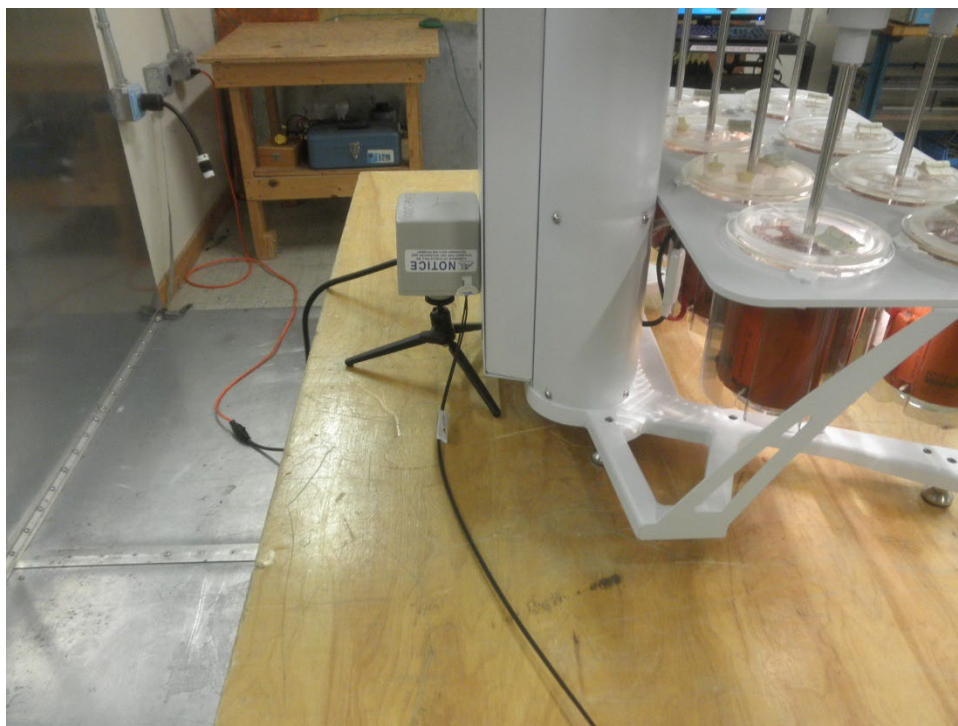
Probe Location, Left, 100 cm



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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Rear, 20 cm



Probe Location, Rear, 40 cm



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Test Photographs RF Exposure



Probe Location, Rear, 60 cm



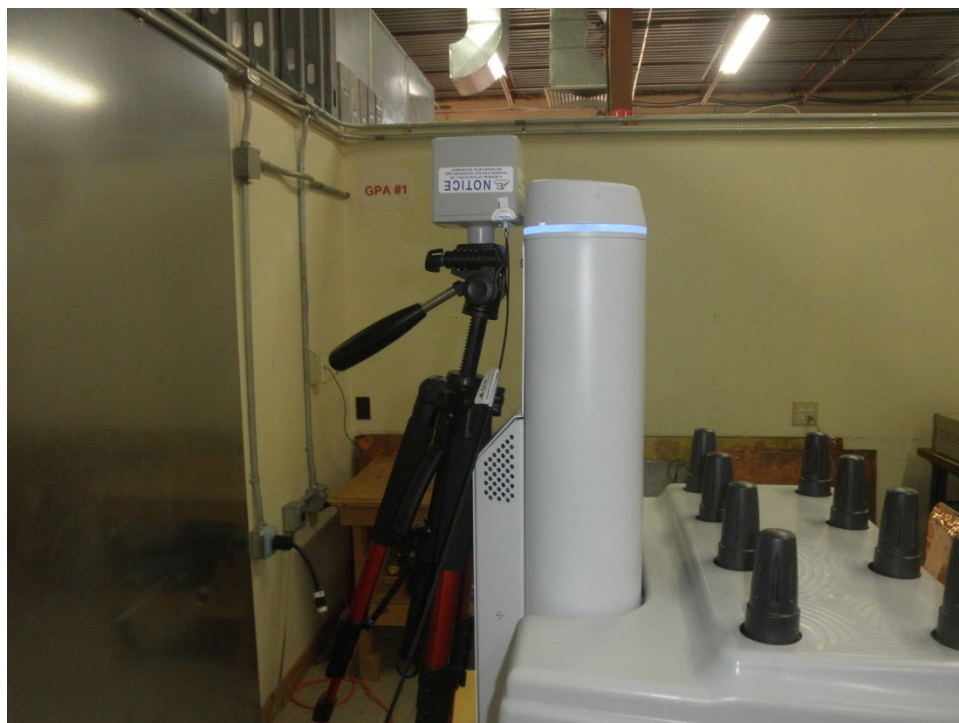
Probe Location, Rear, 80 cm



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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Rear, 100 cm



Probe Location, Right, 20 cm



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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Right, 40 cm



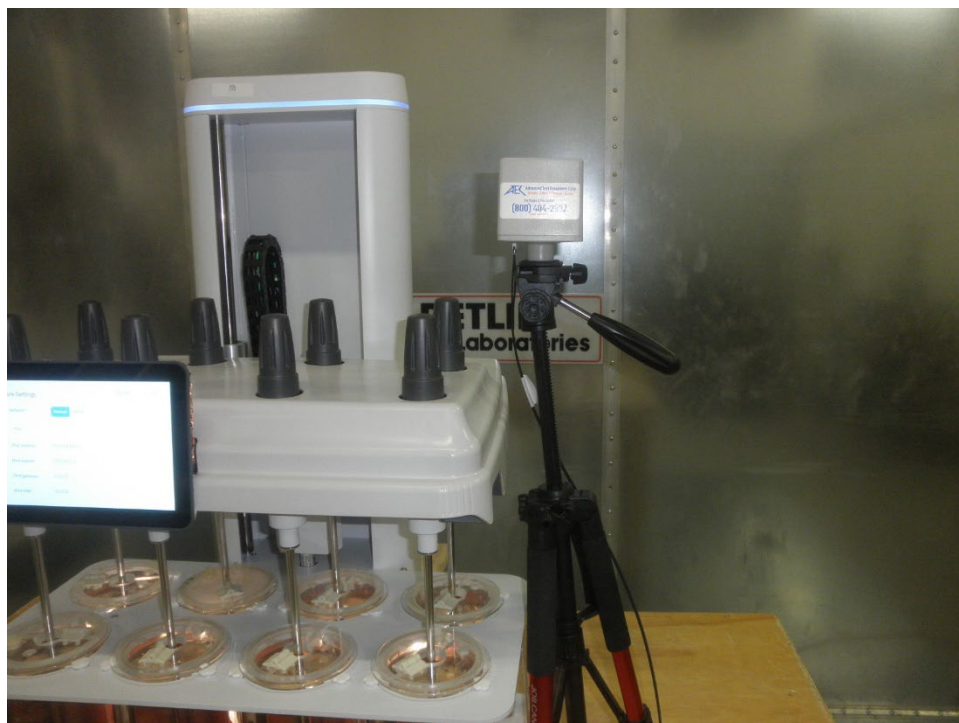
Probe Location, Right, 60 cm



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Report No. R-4109P-1, Rev. A

Test Photographs RF Exposure



Probe Location, Right, 80 cm



Probe Location, Right, 100 cm



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Report No. R-4109P-1, Rev. A

**RF Exposure
Test Data**



Retlif Testing Laboratories

Report No. R-4109P-1, Rev. A

RF EXPOSURE DATA SHEET

Test Specification:	FCC Part 1.1310, Radiofrequency radiation exposure limits
Method:	FCC OET Bulletin 65
Limit:	FCC Part 1.1310 (e)(1), Table 1, Section(ii), Limits for General Population / Uncontrolled Exposure
Job Number/Customer:	R- 4109P-1 / Distek Inc.
Test Sample:	Bathless Dissolution Tester
Model:	Olera Select
Part Number:	2022-2318
Serial Number:	Beta1
Operating Mode:	Transmitting NFC at 13.56 MHz
Technician:	M. Nowak
Date(s):	1/15/26
Notes:	Magnetic limit = $2.19 / 7.975 = 0.275$ A/m Electric limit = $824 / 7.975 = 103$ V/m

EUT Orientation		Probe Height	Magnetic Reading	Magnetic Limit	Electric Reading	Electric Limit
	Separation Distance (Antenna to EUT)	cm	A/m rms	A/m rms	V/m rms	V/m rms
	cm					
Left	0	20	0.269	0.275	15.65	103
		40	0.273		15.47	
		60	0.269		15.64	
		80	0.263		15.57	
		100	0.267	0.275	16.05	103
Front	0	20	0.271	0.275	15.79	103
		40	0.268		16.02	
		60	0.271		15.85	
		80	0.269		15.70	
		100	0.268	0.275	15.57	103
Right	0	20	0.271	0.275	15.87	103
		40	0.272		16.16	
		60	0.273		15.75	
		80	0.270		15.70	
		100	0.271	0.275	15.62	103
Rear	0	20	0.265	0.275	15.40	103
		40	0.268		15.86	
		60	0.270		15.60	
		80	0.266		15.48	
		100	0.271	0.275	15.81	103



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Report No. R-4109P-1, Rev. A