

Annex E – SAR Plots

Measurement Report for Lectrosonics, Inc. FRONT, 470.100MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

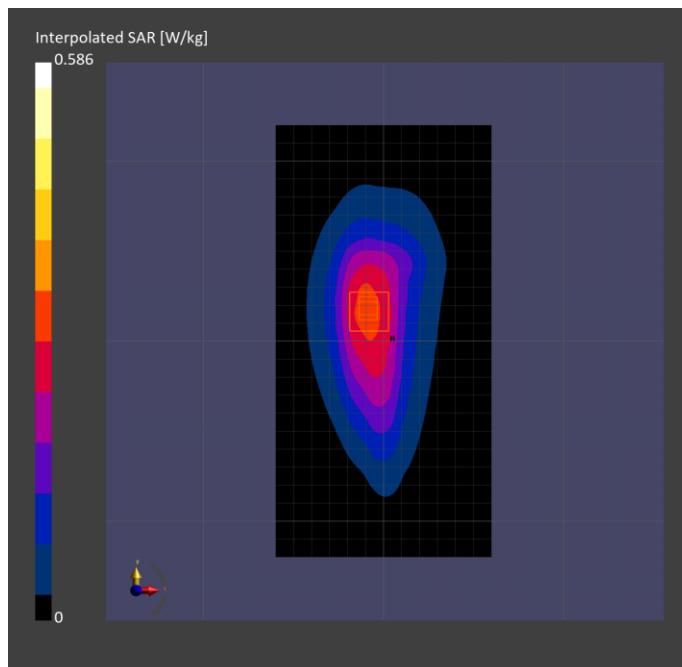
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 0.00	470.100	9.97	0.814	43.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-08	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0		Date	2025-01-08, 17:50
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5		psSAR1g [W/kg]	0.291
Sensor Surface [mm]	3.0	1.4		psSAR10g [W/kg]	0.203
Graded Grid	N/A	Yes		Power Drift [dB]	-0.03
Grading Ratio	N/A	1.5		Power Scaling	Disabled
MAIA	N/A	N/A		Scaling Factor [dB]	Disabled
Surface Detection	All points	All points		TSL Correction	Positive only
Scan Method	Measured	Measured			Positive only



Measurement Report for Lectrosonics, Inc. FRONT, 539.025MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 0.00	539.025	9.74	0.897	41.2

Hardware Setup

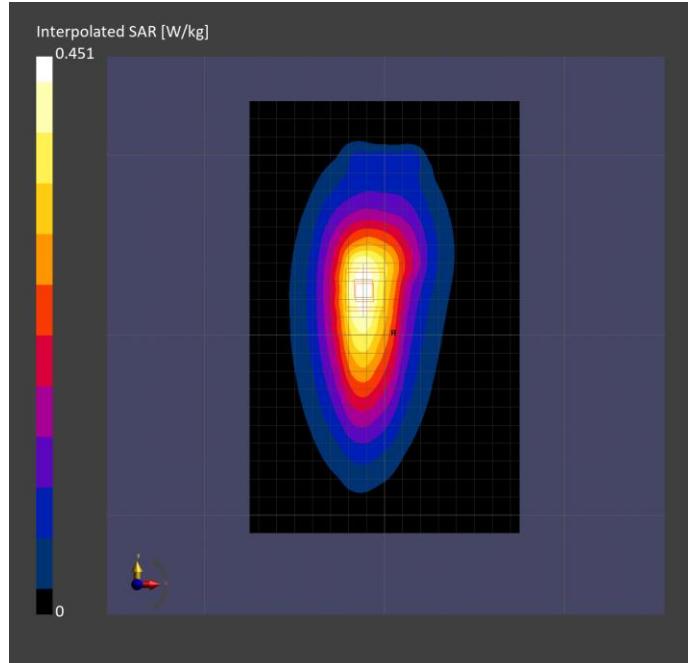
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-07	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07, 19:28	2025-01-07, 19:39
psSAR1g [W/kg]	0.211	0.220
psSAR10g [W/kg]	0.144	0.135
Power Drift [dB]	0.00	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	a	Positive only



Measurement Report for Lectrosonics, Inc. FRONT, 607.950MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	190.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 0.00	607.950	9.74	0.798	40.7

Hardware Setup

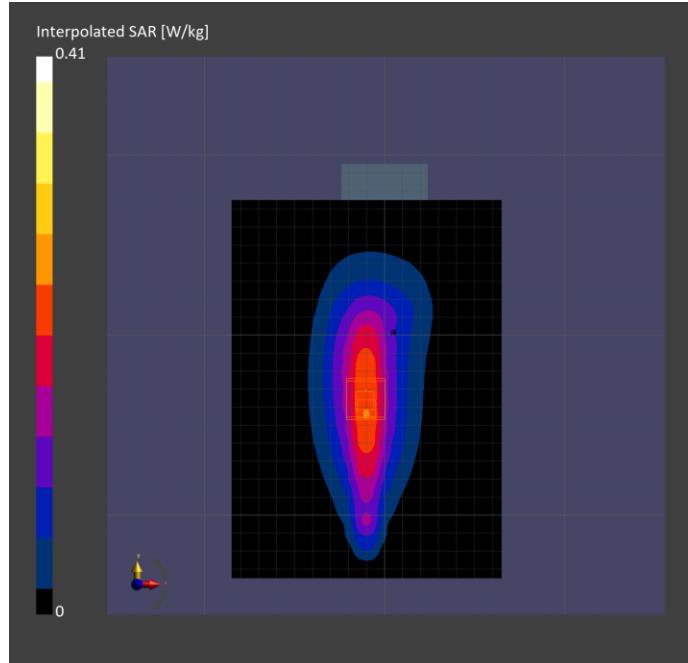
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HBBL-600-10000 SLAAHU16BC221222-1, 2025-Jan-08	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08, 22:38	2025-01-08, 22:52
psSAR1g [W/kg]	0.222	0.224
psSAR10g [W/kg]	0.144	0.138
Power Drift [dB]	-0.06	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only



Measurement Report for Lectrosonics, Inc. BACK, 539.025MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	539.025	9.74	0.897	41.2

Hardware Setup

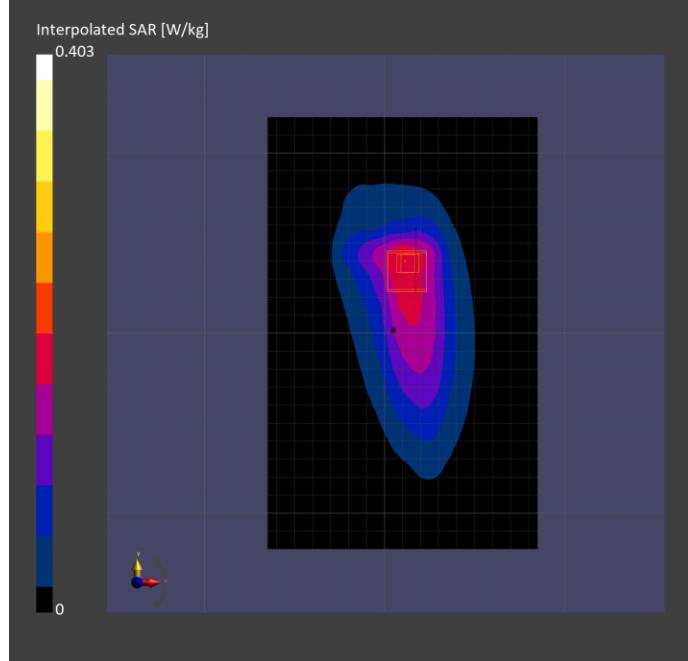
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-07	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07, 20:18	2025-01-07, 20:33
psSAR1g [W/kg]	0.174	0.181
psSAR10g [W/kg]	0.120	0.112
Power Drift [dB]	-0.11	0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only



Measurement Report for Lectrosonics, Inc. EDGE RIGHT, 539.025MHz**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE RIGHT, 0.00	539.025	9.74	0.97	41.2

Hardware Setup

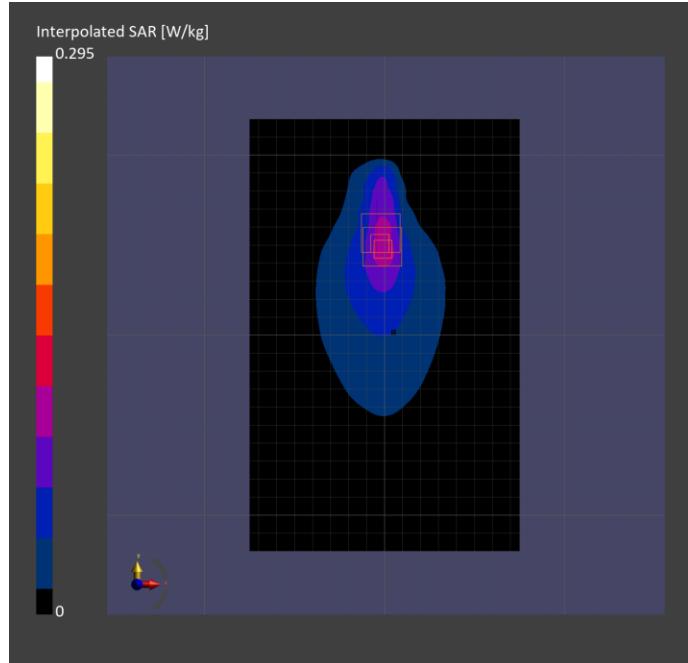
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-07	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07, 21:37	2025-01-07, 21:49
psSAR1g [W/kg]	0.096	0.095
psSAR10g [W/kg]	0.061	0.052
Power Drift [dB]	-0.13	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only



Measurement Report for Lectrosonics, Inc. EDGE LEFT, 539.025MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 0.00	539.025	9.74	0.897	41.2

Hardware Setup

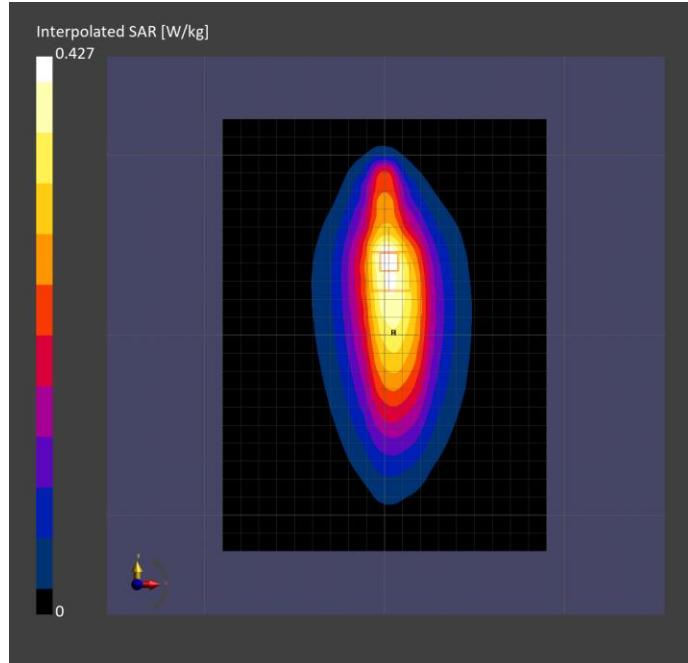
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-07	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	180.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07, 21:00	2025-01-07, 21:13
psSAR1g [W/kg]	0.203	0.209
psSAR10g [W/kg]	0.137	0.130
Power Drift [dB]	-0.03	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only



Measurement Report for Lectrosonics, Inc. EDGE BOTTOM, 539.025MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE BOTTOM, 0.00	539.025	9.74	0.897	41.2

Hardware Setup

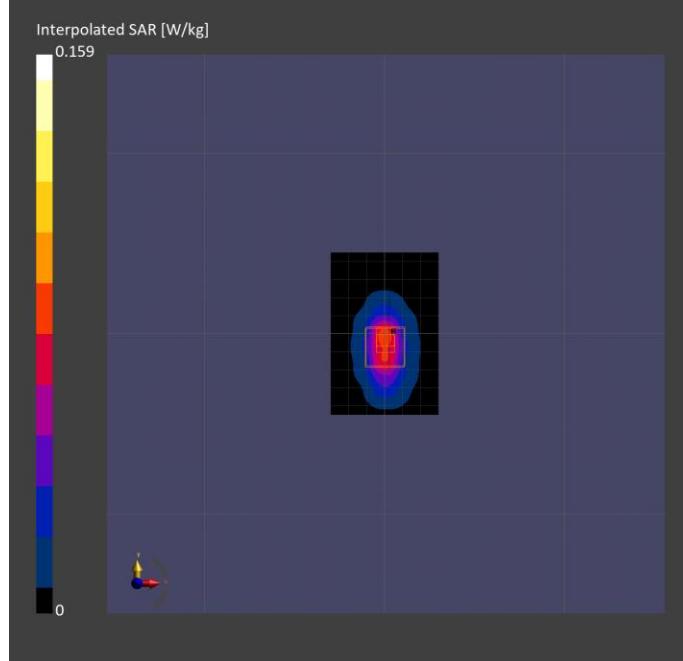
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-07	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.7 x 5.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07, 21:55	2025-01-07, 22:10
psSAR1g [W/kg]	0.045	0.042
psSAR10g [W/kg]	0.026	0.019
Power Drift [dB]	0.04	0.25
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only



Measurement Report for Lectrosonics, Inc. EDGE TOP, 539.025MHz

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Lectrosonics, Inc.	215.0 x 48.0 x 18.0	Digital Wireless Water-Resistant Micro Transmitter

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	539.025	9.74	0.897	41.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HSL450 Charge: H450-20240917, 2025-Jan-07	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan	Measurement Results	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	x x	Date	2025-01-07, 22:17	
Grid Steps [mm]	15.0 x 15.0	x x	psSAR1g [W/kg]	0.013	
Sensor Surface [mm]	3.0		psSAR10g [W/kg]	0.007	
Graded Grid	N/A		Power Drift [dB]	0.52	
Grading Ratio	N/A		Power Scaling	Disabled	
MAIA	Y		Scaling Factor [dB]		
Surface Detection	All points		TSL Correction		
Scan Method	Measured				Positive only

