

Appendix E SAR Measurement data

E.1 Evaluation procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the E-field at a fixed location above the ear point or central position of flat phantom was used as a reference value for assessing the power drop.

Step 2: The SAR distribution at the exposed side of head or body position was measured at a distance of each device from the inner surface of the shell. The area covered the entire dimension of the antenna of EUT and the horizontal grid spacing was 15 mm x 15 mm, 12 mm x 12 mm or 10 mm x 10 mm. Based on these data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Around this point found in the Step 2 (area scan), a volume of 30 mm x 30 mm x 30 mm or more was assessed by measuring 7 x 7 x 7 points at least for below 3 GHz and a volume of 28 mm x 28 mm x 22.5 mm or more was assessed by measuring 8 x 8 x 6 (ratio step method (*1)) points at least for 5 GHz band.

And for any secondary peaks found in the Step2 which are within 2 dB of maximum peak and not with this Step3 (Zoom scan) is repeated. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

(1). The data at the surface were extrapolated, since the center of the dipoles is 1mm(EX3DV4) away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm [4]. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.

(2). The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one-dimensional splines with the "Not a knot"-condition (in x, y and z-directions) [4], [5]. The volume was integrated with the trapezoidal-algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.

(3). All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

*1. Ratio step method parameters used;

The first measurement point: 2 mm from the phantom surface, the initial grid separation: 2 mm, subsequent graded grid ratio: 1.5

These parameters comply with the requirement of the KDB 865664D01.

Step 4: Re-measurement of the E-field at the same location as in Step 1.

Confirmation after SAR testing

It was checked that the power drift [W] is within +/-5 %. The verification of power drift during the SAR test is that DASY5 system calculates the power drift by measuring the e-field at the same location at beginning and the end of the scan measurement for each test position.

DASY5 system calculation Power drift value[dB] = $20\log(E_a)/(E_b)$

Before SAR testing : $E_b[V/m]$

After SAR testing : $E_a[V/m]$

Limit of power drift[W] = +/-5 %

$X[dB] = 10\log[P] = 10\log(1.05/1) = 10\log(1.05) - 10\log(1) = 0.212 \text{ dB}$

from E-field relations with power.

$p = E^2/\eta = E^2/$

Therefore, The correlation of power and the E-field

$X[dB] = 10\log(P) = 10\log(E)^2 = 20\log(E)$

Therefore,

The calculated power drift of DASY5 System must be the less than +/-0.212 dB.

E.2 Plot No. W2-1

WCDMA2 Full/Rear tilt edge4 ch 9262 RMC12.2k 0 mm 2024/04/23

Communication System info

Communication System: UID 0, #WCDMA (0)

Communication System Band: Band IIDuty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2023/05/23

ConvF(8.21, 8.21, 8.21) @ 1852.4 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Sensor-Surface: 1.4 mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2023/08/04

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section

Type: QDOVA001BB

Serial: TP:1045

Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

WCDMA2 Full/Rear tilt edge4 ch 9262 RMC12.2k 0 mm/Area Scan (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.01 W/kg

WCDMA2 Full/Rear tilt edge4 ch 9262 RMC12.2k 0 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 27.43 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.411 W/kg

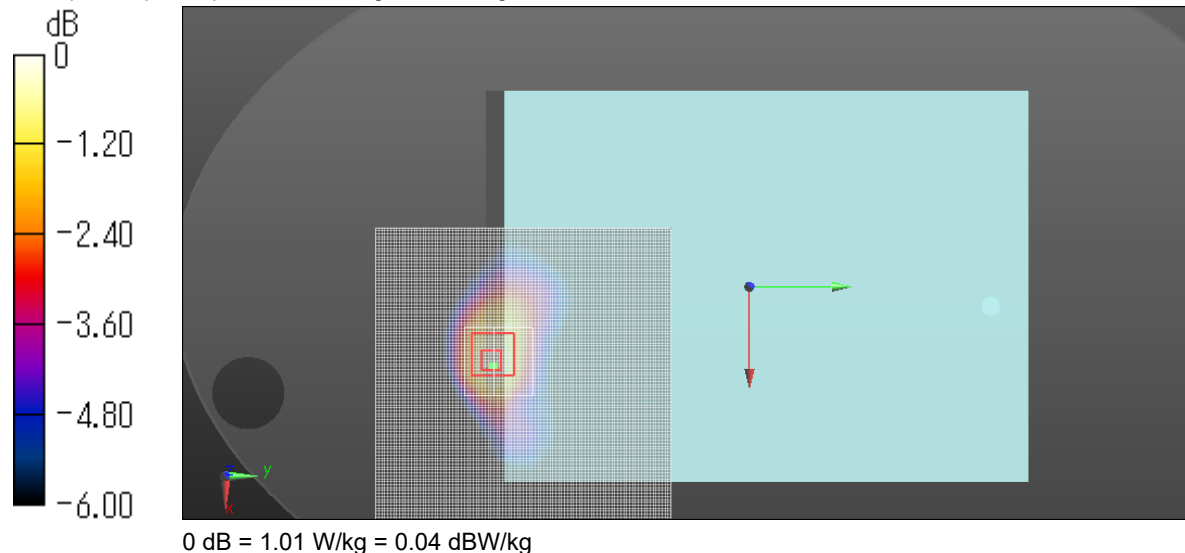
Smallest distance from peaks to all points 3 dB below = 16.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.967 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



E.3 Plot No. W2-2

WCDMA 2 Red/Edge4 ch 9400 RMC12.2k 0 mm 2024/04/24 6:20:31

Communication System info

Communication System: UID 0, #WCDMA (0)

Communication System Band: Band II Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2023/05/23

ConvF(8.21, 8.21, 8.21) @ 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.56$; $\rho = 1000$ kg/m³

Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2023/08/04

Phantom info:

Phantom: ELI v4.0 (20deg probe tilt)/Phantom section: Flat Section

Type: QDOVA001BB

Serial: TP:1045

Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

WCDMA 2 Red/Edge4 ch 9400 RMC12.2k 0 mm/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.889 W/kg

WCDMA 2 Red/Edge4 ch 9400 RMC12.2k 0 mm/Zoom Scan (7x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 26.30 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.10 W/kg

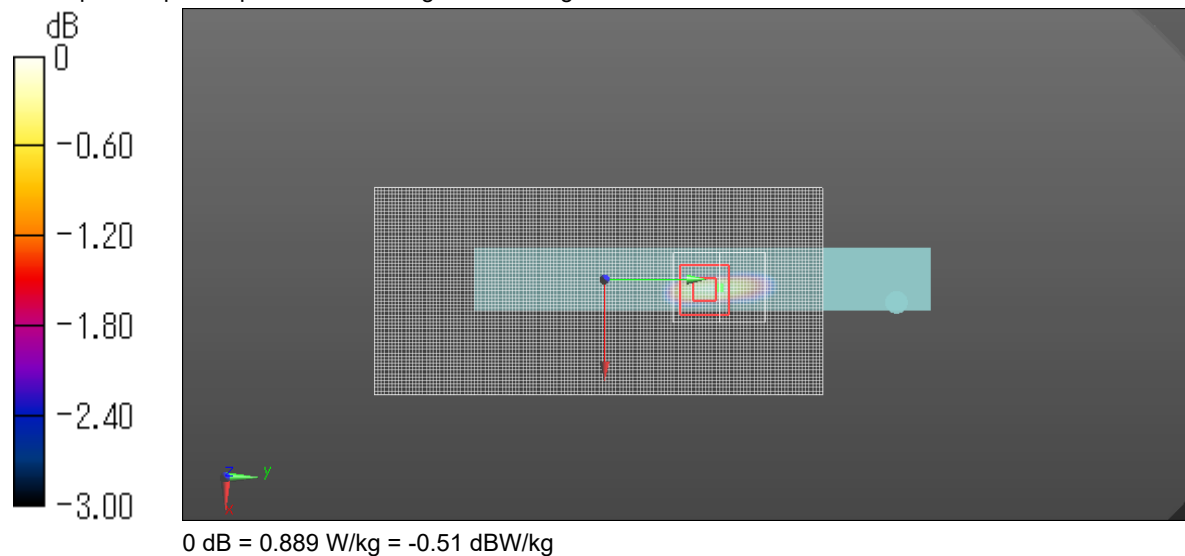
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.275 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.5 %

Maximum value of SAR (measured) = 0.901 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



E.4 Plot No. W4-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

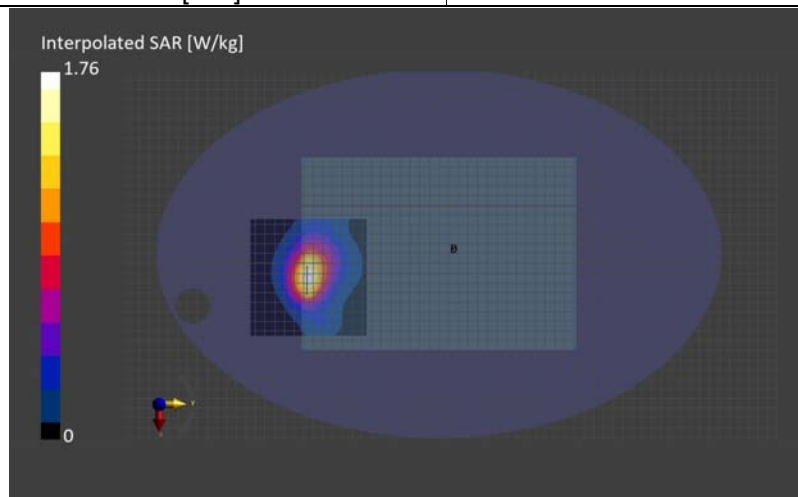
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge4 9 mm	1712.400	8.49	1.35	40.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-29	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-29, 10:58	2024-04-29, 11:04
psSAR1g [W/Kg]	0.969	0.988
psSAR10g [W/Kg]	0.568	0.593
Power Drift [dB]	-0.00	0.00
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	81.4
Dist 3dB Peak [mm]	-	16.1



E.5 Plot No. W4-2

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

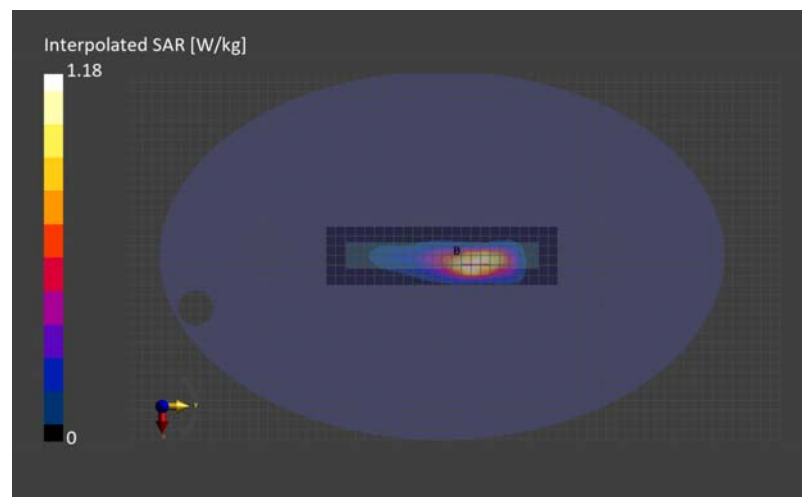
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 0.00 mm	1732.600	8.77	1.34	38.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked:1.75 0415, 2024-Apr-15	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-16, 08:53	2024-04-16, 08:59
psSAR1g [W/Kg]	0.487	0.571
psSAR10g [W/Kg]	0.281	0.283
Power Drift [dB]	-0.00	0.00
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	80.0
Dist 3dB Peak [mm]	-	8.4



E.6 Plot No. W5-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

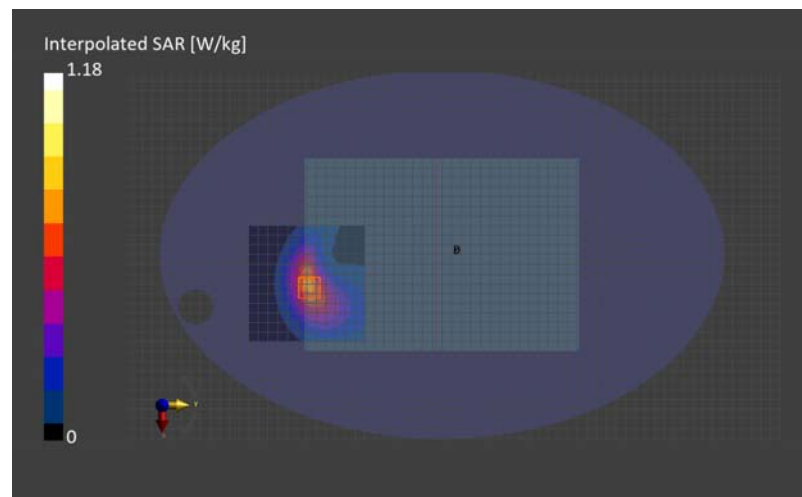
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
BACK, 0.00	836.600	9.64	0.928	42.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-23	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-23, 13:01	2024-04-23, 13:16
psSAR1g [W/Kg]	0.708	0.711
psSAR10g [W/Kg]	0.464	0.467
Power Drift [dB]	-0.06	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	84.0
Dist 3dB Peak [mm]	-	15.7



E.7 Plot No. W5-2

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

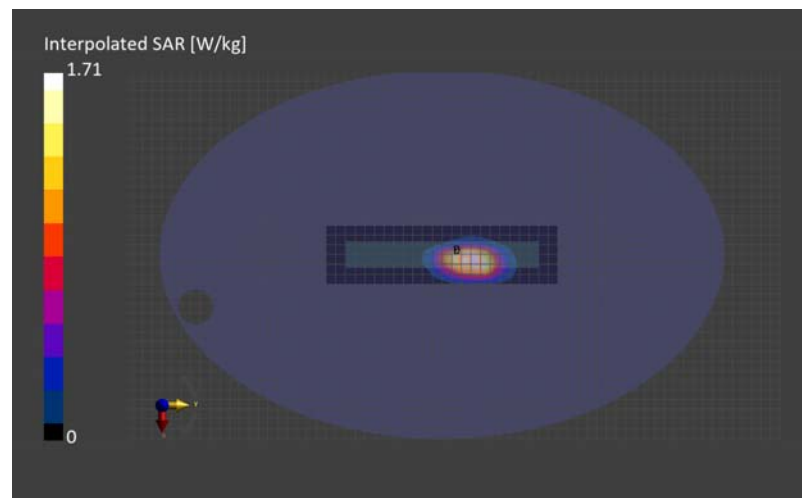
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4 LEFT, 0.00 mm	836.600	9.64	0.919	42.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-21	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023-05-23

Scans Setup		-	-
Scan		Area Scan	Zoom Scan
Grid Extents [mm]		60.0 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		VMS + 6p	VMS + 6p
Scan Method		Measured	Measured
Measurement Results		-	-
Scan		Area Scan	Zoom Scan
Date		2024-04-22, 09:56	2024-04-22, 10:05
psSAR1g [W/Kg]		0.711	0.777
psSAR10g [W/Kg]		0.458	0.418
Power Drift [dB]		0.00	0.00
Power Scaling		Disabled	Disabled
TSL Correction		No correction	No correction
M2/M1 [%]		-	77.8
Dist 3dB Peak [mm]		-	9.6



E.8 Plot No. L4-1

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

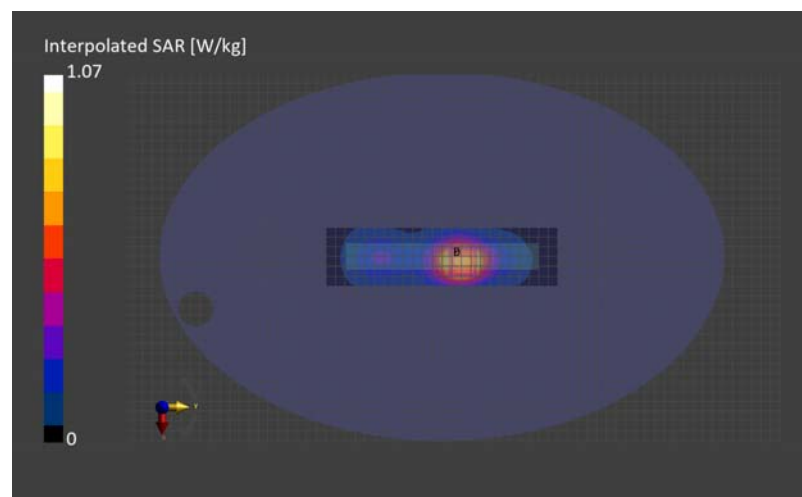
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 19 mm	1732.500	8.77	1.34	38.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-15	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-15, 17:58	2024-04-15, 18:13
psSAR1g [W/Kg]	0.749	0.804
psSAR10g [W/Kg]	0.454	0.489
Power Drift [dB]	-0.05	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	83.0
Dist 3dB Peak [mm]	-	18.8



E.9 Plot No. L4-2

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

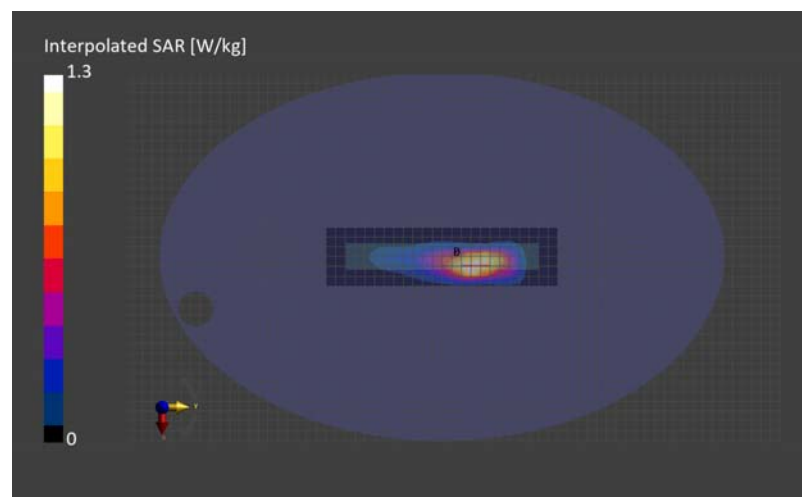
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 0.00 mm	1732.500	8.77	1.34	38.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-15	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-16, 04:23	2024-04-16, 04:30
psSAR1g [W/Kg]	0.537	0.627
psSAR10g [W/Kg]	0.309	0.310
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	79.4
Dist 3dB Peak [mm]	-	8.4



E.10 Plot No. L5-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

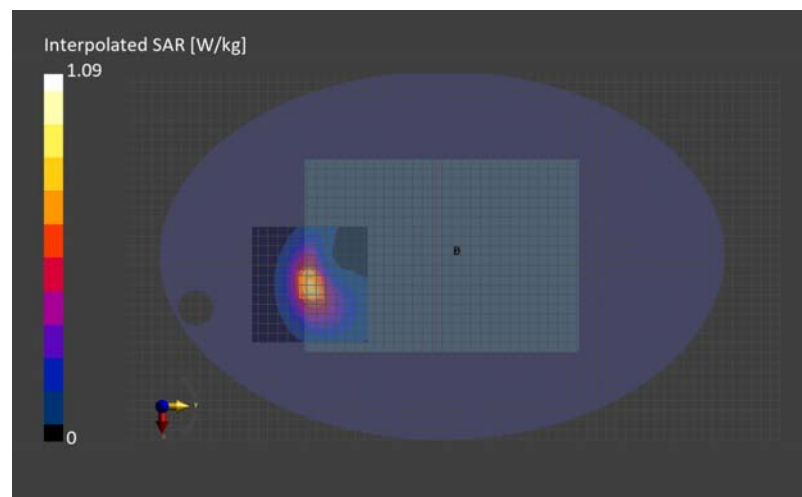
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge4, 9.00 mm	836.500	9.64	0.928	42.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-23	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-24, 08:11	2024-04-24, 08:26
psSAR1g [W/Kg]	0.664	0.676
psSAR10g [W/Kg]	0.436	0.446
Power Drift [dB]	-0.02	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	83.8
Dist 3dB Peak [mm]	-	16.7



E.11 Plot No. L5-2

Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

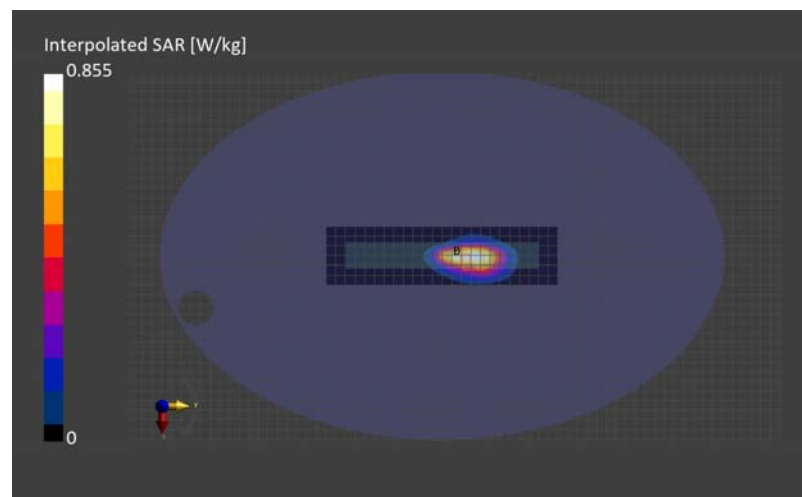
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	836.500	10.04	0.923	40.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-25, 20:52	2024-04-25, 21:06
psSAR1g [W/Kg]	0.727	0.675
psSAR10g [W/Kg]	0.439	0.373
Power Drift [dB]	0.00	-0.04
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	77.7
Dist 3dB Peak [mm]	-	8.3



E.12 Plot No. L7-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

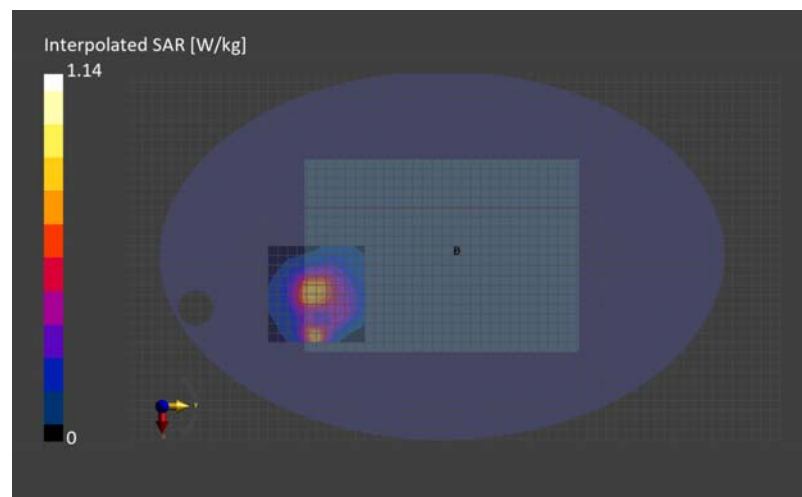
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	2510.000	7.47	1.84	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-24	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-24, 09:56	2024-04-24, 10:04
psSAR1g [W/Kg]	0.597	0.605
psSAR10g [W/Kg]	0.330	0.336
Power Drift [dB]	-0.04	0.09
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	81.2
Dist 3dB Peak [mm]	-	20.6



E.13 Plot No. L7-2

Room Temp 22.5 deg.C / Liquid Temp 22.5 deg.C

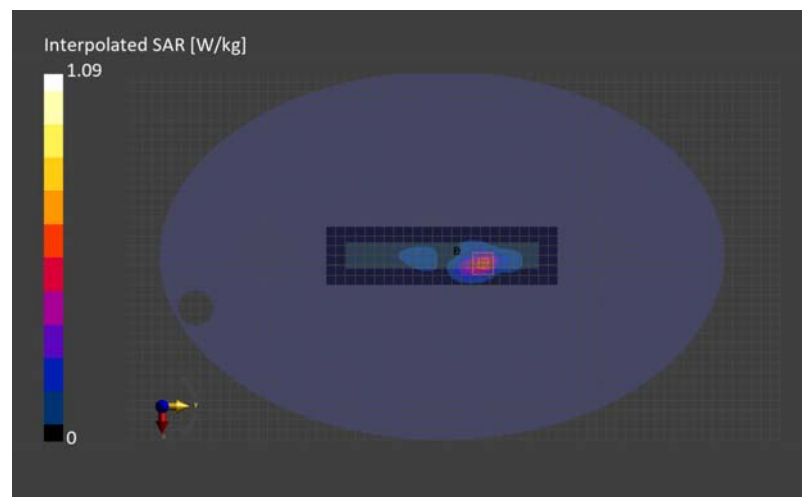
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	2510.000	7.47	1.95	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-30	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-30, 10:47	2024-04-30, 10:54
psSAR1g [W/Kg]	0.474	0.495
psSAR10g [W/Kg]	0.224	0.223
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	79.0
Dist 3dB Peak [mm]	-	8.1



E.14 Plot No. L12-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

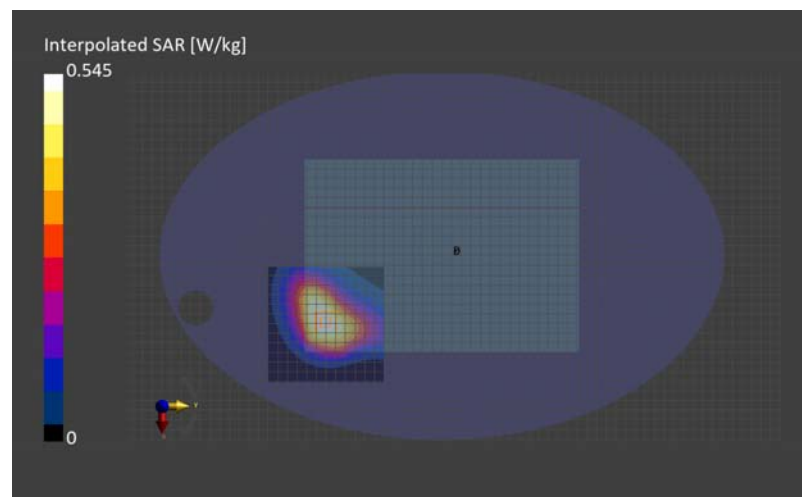
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	707.500	9.79	0.898	43.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-22	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-22, 20:46	2024-04-22, 21:01
psSAR1g [W/Kg]	0.362	0.374
psSAR10g [W/Kg]	0.251	0.265
Power Drift [dB]	-0.00	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	87.7
Dist 3dB Peak [mm]	-	> 15.0



E.15 Plot No. L12-2
Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

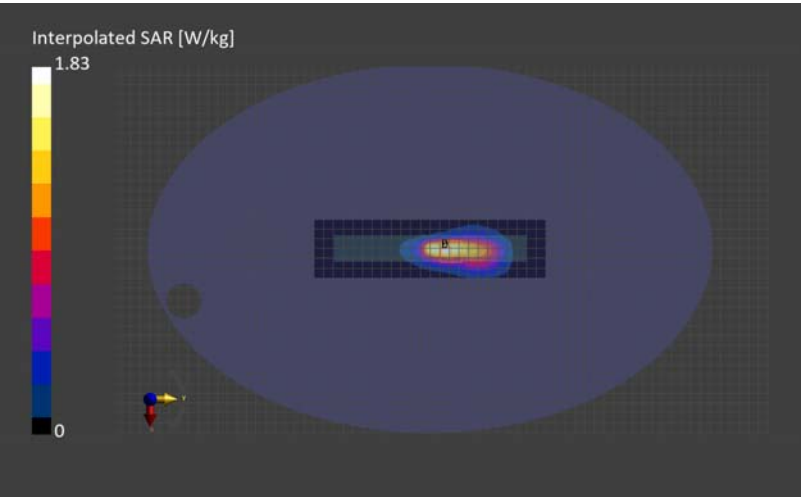
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	707.500	10.09	0.878	40.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-25, 21:11	2024-04-25, 21:20
psSAR1g [W/Kg]	0.704	0.697
psSAR10g [W/Kg]	0.403	0.346
Power Drift [dB]	0.00	0.00
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	69.0
Dist 3dB Peak [mm]	-	7.2



E.16 Plot No. L13-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

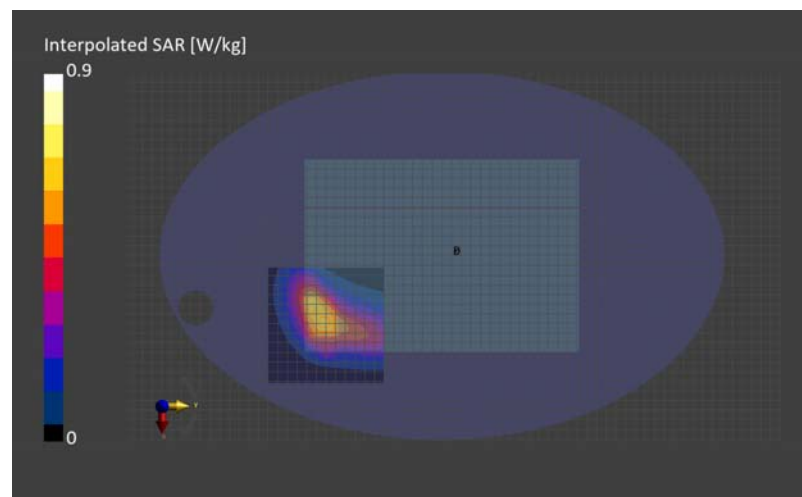
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	782.000	9.79	0.922	43.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-22	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-22, 16:07	2024-04-22, 16:33
psSAR1g [W/Kg]	0.579	0.595
psSAR10g [W/Kg]	0.403	0.421
Power Drift [dB]	-0.02	-0.02
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	85.6
Dist 3dB Peak [mm]	-	22.7



E.17 Plot No. L13-2

Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

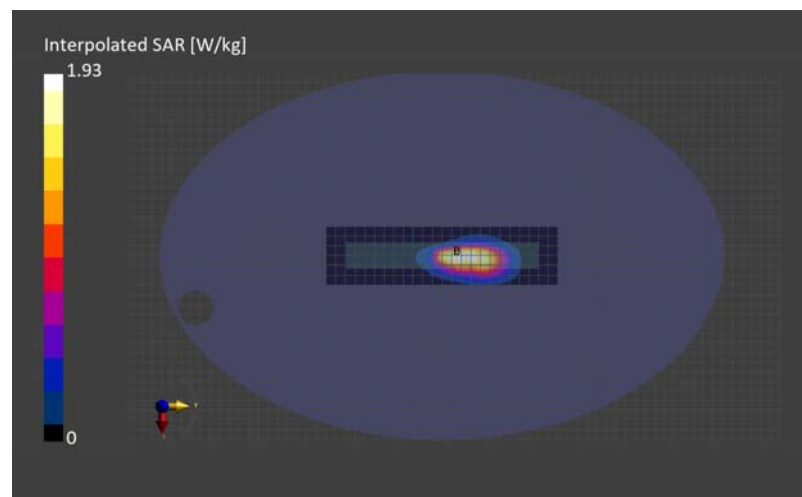
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	782.000	10.09	0.903	40.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-26, 07:21	2024-04-26, 07:33
psSAR1g [W/Kg]	0.822	0.840
psSAR10g [W/Kg]	0.497	0.438
Power Drift [dB]	0.02	-0.03
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	74.3
Dist 3dB Peak [mm]	-	7.2



E.18 Plot No. L14-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

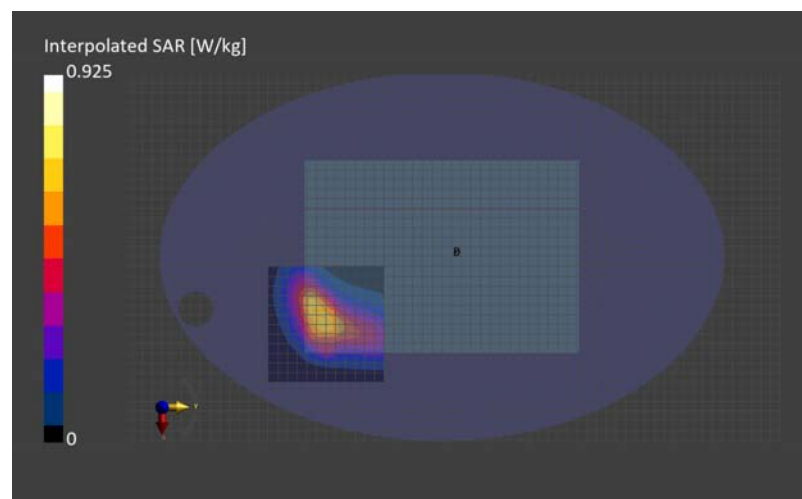
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	793.000	9.79	0.926	43.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-22	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-22, 16:50	2024-04-22, 17:15
psSAR1g [W/Kg]	0.595	0.606
psSAR8g [W/Kg]	0.432	0.448
psSAR10g [W/Kg]	0.412	0.429
Power Drift [dB]	-0.00	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	85.4
Dist 3dB Peak [mm]	-	21.7



E.19 Plot No. L14-2

Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

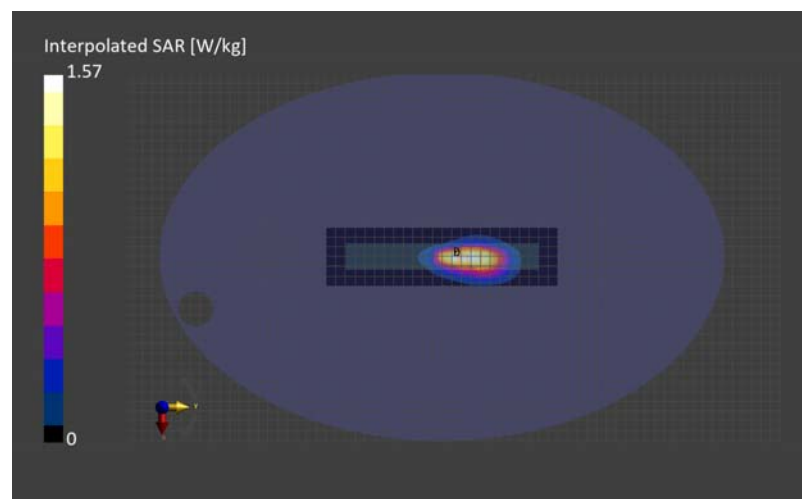
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	793.000	10.09	0.907	40.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-26, 00:12	2024-04-26, 00:24
psSAR1g [W/Kg]	0.740	0.696
psSAR8g [W/Kg]	0.474	0.393
psSAR10g [W/Kg]	0.442	0.366
Power Drift [dB]	0.00	0.04
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	74.8
Dist 3dB Peak [mm]	-	7.3



E.20 Plot No. L25-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

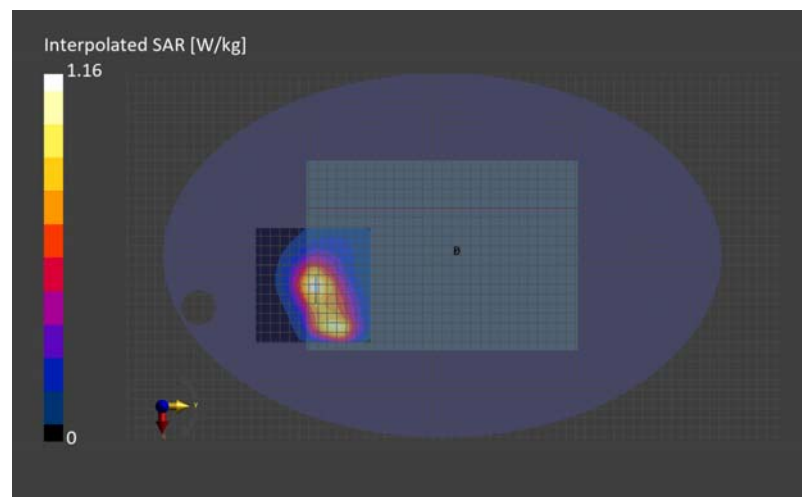
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	1905.000	8.21	1.46	39.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-29	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-29, 19:52	2024-04-29, 19:59
psSAR1g [W/Kg]	0.629	0.652
psSAR10g [W/Kg]	0.361	0.379
Power Drift [dB]	-0.00	-0.00
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	83.5
Dist 3dB Peak [mm]	-	16.1



E.21 Plot No. L25-2

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

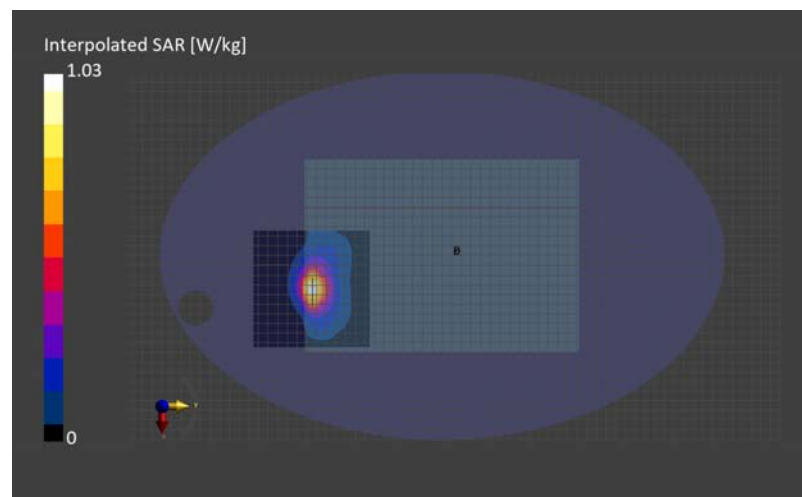
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge4, 0.00 mm	1882.500	8.21	1.45	39.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-29	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-29, 16:04	2024-04-29, 16:10
psSAR1g [W/Kg]	0.543	0.524
psSAR10g [W/Kg]	0.288	0.276
Power Drift [dB]	-0.00	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	79.7
Dist 3dB Peak [mm]	-	10.8



E.22 Plot No. L26-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

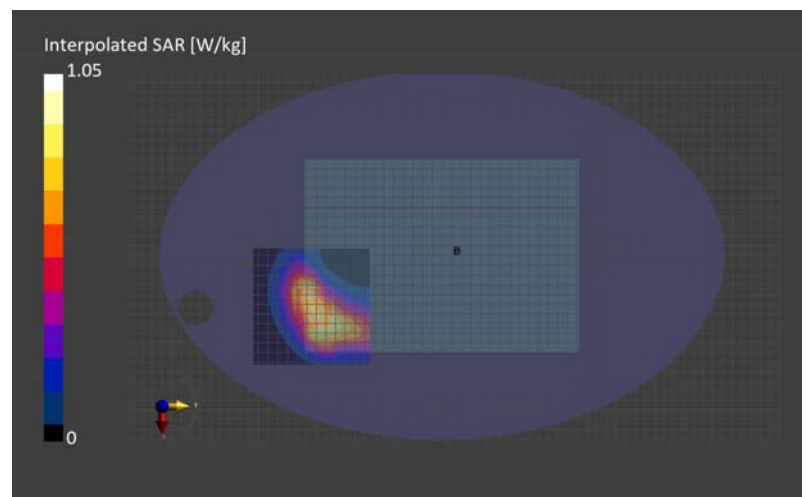
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	831.500	9.64	0.940	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-22	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-22, 21:17	2024-04-22, 21:40
psSAR1g [W/Kg]	0.653	0.664
psSAR10g [W/Kg]	0.445	0.461
Power Drift [dB]	-0.01	0.02
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	84.1
Dist 3dB Peak [mm]	-	19.6



E.23 Plot No. L26-2
Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

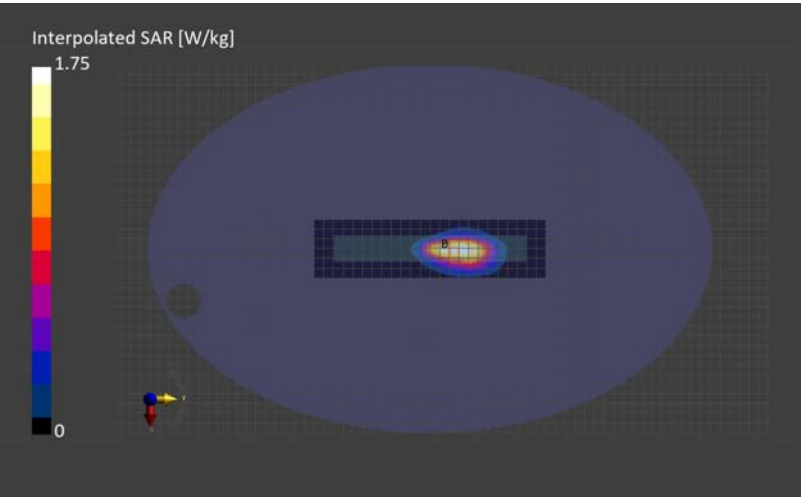
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00	831.500	10.04	0.921	40.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-26, 00:29	2024-04-26, 00:42
psSAR1g [W/Kg]	0.789	0.739
psSAR10g [W/Kg]	0.477	0.407
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	77.9
Dist 3dB Peak [mm]	-	8.3



E.24 Plot No. L42L48-1
Room Temp 24.0 deg.C / Liquid Temp 23.5 deg.C

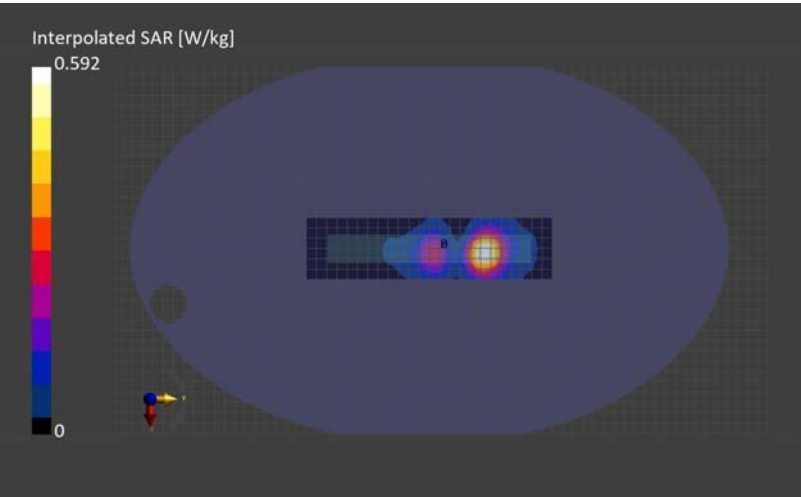
SAR2 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 19.00 mm	3512.500	6.71	2.68	38.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1207	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1372, 2024-03-12

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-25, 17:39	2024-04-25, 17:56
psSAR1g [W/Kg]	0.270	0.275
psSAR10g [W/Kg]	0.127	0.130
Power Drift [dB]	0.01	0.13
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	77.8
Dist 3dB Peak [mm]	-	14.8



E.25 Plot No. L42L48-2
Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

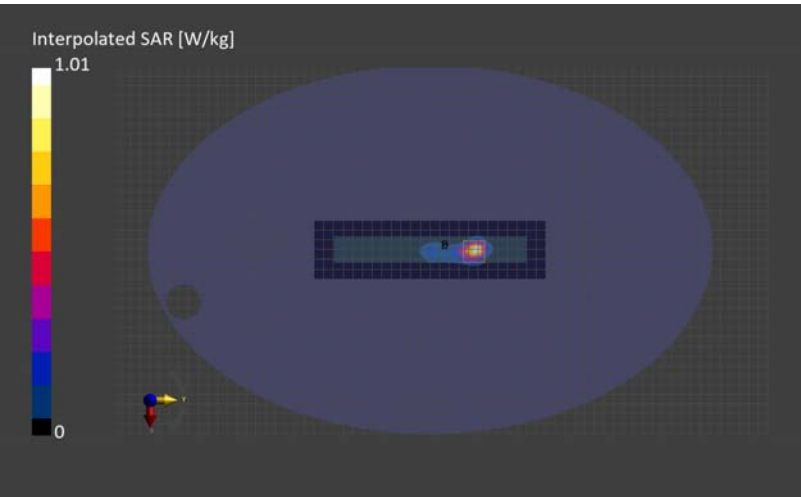
SAR2 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 0.00 mm	3512.500	6.71	2.67	38.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1207	HBBL-600-10000 Checked: 2024-Apr-26	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1372, 2024-03-12

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-26, 16:46	2024-04-26, 16:54
psSAR1g [W/Kg]	0.366	0.388
psSAR10g [W/Kg]	0.120	0.122
Power Drift [dB]	-0.03	-0.00
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	79.9
Dist 3dB Peak [mm]	-	6.8



E.26 Plot No. L66-1

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

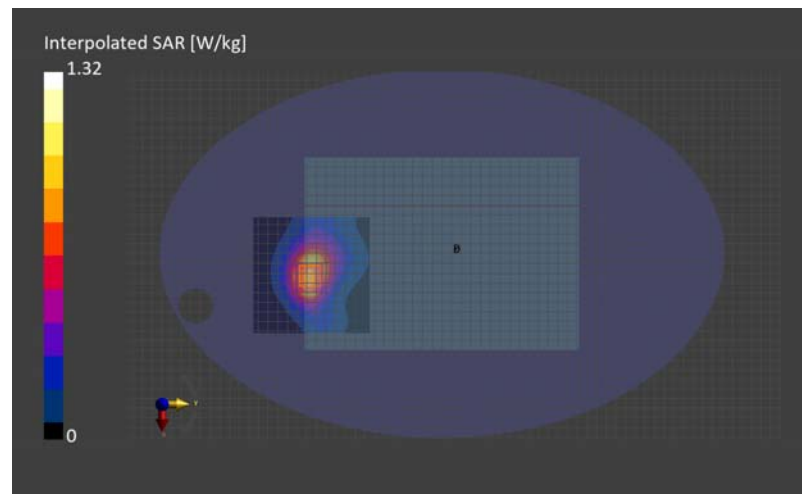
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge 49 mm	1720.000	8.77	1.27	37.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-17	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-18, 03:42	2024-04-18, 03:57
psSAR1g [W/Kg]	0.765	0.798
psSAR10g [W/Kg]	0.452	0.481
Power Drift [dB]	-0.01	-0.00
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	82.7
Dist 3dB Peak [mm]	-	18.1



E.27 Plot No. L66-2

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

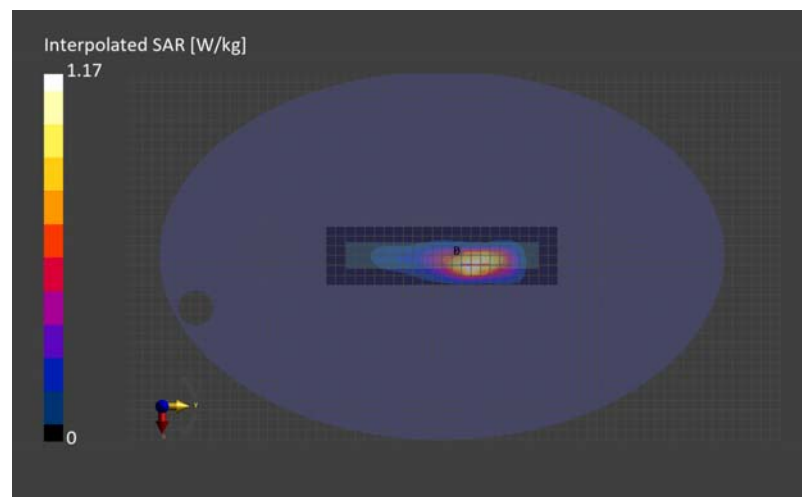
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 0.00 mm	1720.000	8.77	1.33	38.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-15	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-16, 05:32	2024-04-16, 05:39
psSAR1g [W/Kg]	0.483	0.563
psSAR10g [W/Kg]	0.279	0.279
Power Drift [dB]	-0.00	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	79.4
Dist 3dB Peak [mm]	-	8.4



E.28 Plot No. L71-1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

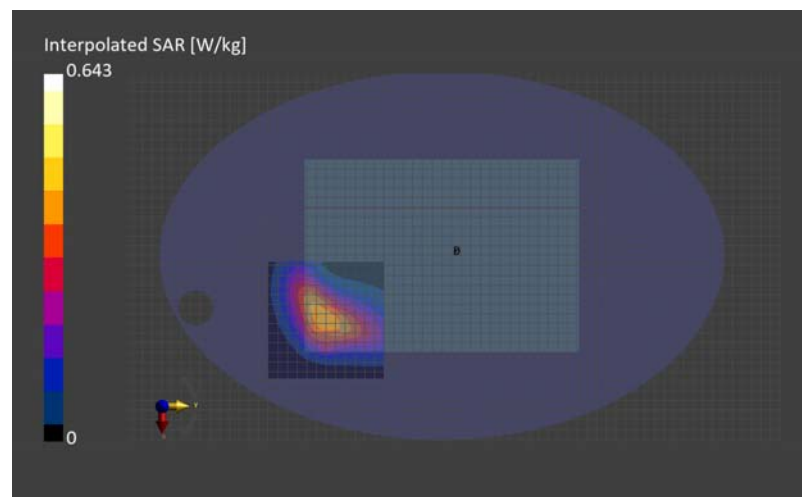
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge1, 0.00 mm	680.500	9.79	0.890	43.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-22	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-22, 22:36	2024-04-22, 22:51
psSAR1g [W/Kg]	0.422	0.433
psSAR10g [W/Kg]	0.294	0.306
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	86.5
Dist 3dB Peak [mm]	-	> 15.0



E.29 Plot No. L71-2
Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

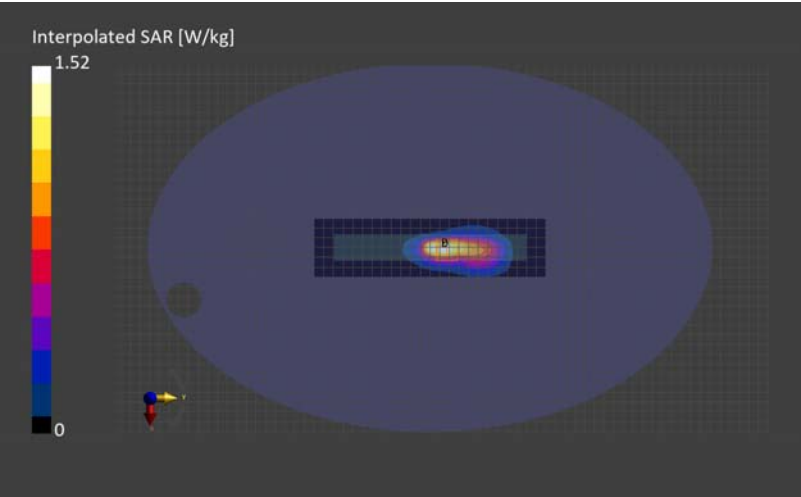
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	680.500	10.09	0.869	40.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-25, 22:50	2024-04-25, 23:03
psSAR1g [W/Kg]	0.622	0.604
psSAR8g [W/Kg]	0.387	0.328
psSAR10g [W/Kg]	0.357	0.302
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	71.1
Dist 3dB Peak [mm]	-	7.2



E.30 Plot No. RP1

Room Temp 22.0 deg.C / Liquid Temp 22.0 deg.C

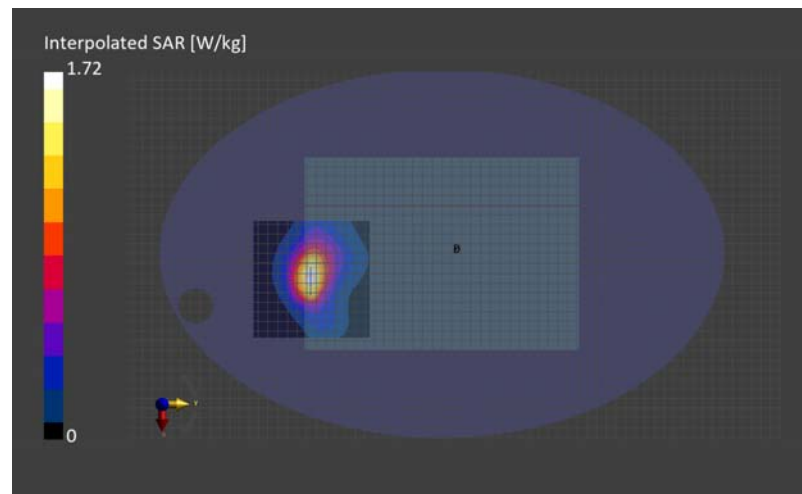
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Rear tilt edge4 9 mm	1712.400	8.49	1.35	40.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-29	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023-05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-29, 12:12	2024-04-29, 12:23
psSAR1g [W/Kg]	0.974	0.970
psSAR10g [W/Kg]	0.570	0.585
Power Drift [dB]	-0.01	-0.00
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	84.1
Dist 3dB Peak [mm]	-	15.6



E.31 Plot No. RP2

Room Temp 23.0 deg.C / Liquid Temp 23.0 deg.C

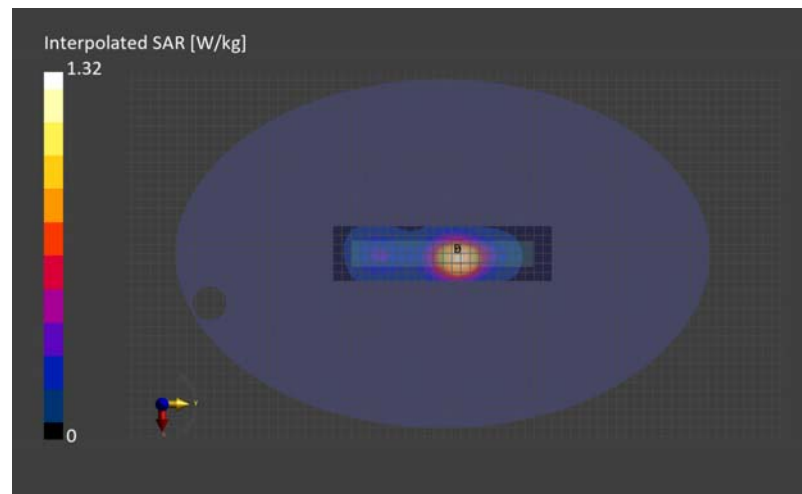
SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE4, 19 mm	1732.500	8.77	1.34	38.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-15	EX3DV4 - SN3825, 2023-07-12	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-15, 23:53	2024-04-16, 00:08
psSAR1g [W/Kg]	0.744	0.786
psSAR10g [W/Kg]	0.448	0.479
Power Drift [dB]	-0.01	-0.03
Power Scaling	Disabled	Disabled
TSL Correction	Positive only	Positive only
M2/M1 [%]	-	83.5
Dist 3dB Peak [mm]	-	18.8



E.32 Plot No. PR3
Room Temp 22.0 deg.C / Liquid Temp 21.5 deg.C

SAR1 Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
EDGE 4, 0.00 mm	782.000	10.09	0.903	40.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1203	HBBL-600-10000 Checked: 2024-Apr-25	EX3DV4 - SN3917, 2023-05-23	DAE4 Sn1369, 2023- 05-23

Scans Setup	-	-
Scan	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Measurement Results	-	-
Scan	Area Scan	Zoom Scan
Date	2024-04-25, 21:25	2024-04-25, 21:37
psSAR1g [W/Kg]	0.840	0.835
psSAR8g [W/Kg]	0.533	0.467
psSAR10g [W/Kg]	0.496	0.434
Power Drift [dB]	0.00	0.04
Power Scaling	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]	-	73.7
Dist 3dB Peak [mm]	-	7.2

