

BL-SZ2550149-ATD

Meas.1 Right Head with Cheek on Middle Channel in GPRS850 3Slots mode with Antenna 4

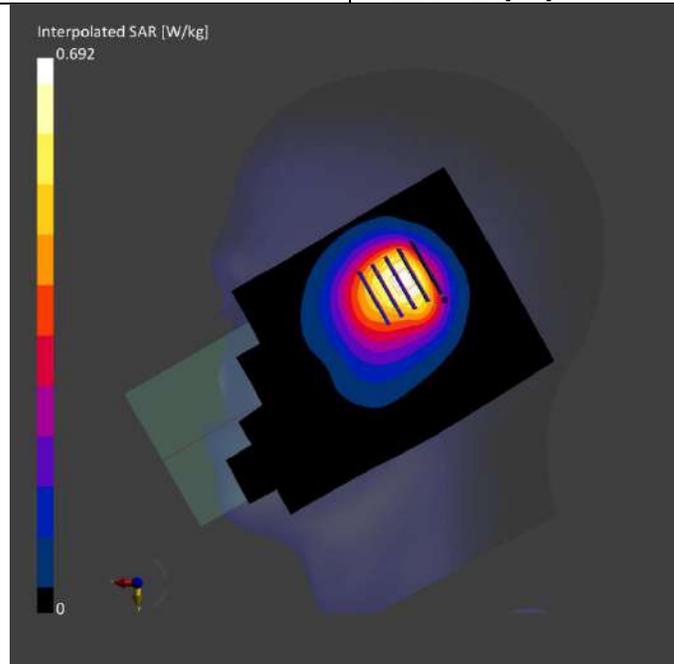
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	GSM 850	GSM, 10024-DAC	836.6, 190	9.99	0.914	40.8	22.3	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-19	2025-05-19
psSAR1g [W/kg]	0.392	0.399
psSAR10g [W/kg]	0.256	0.256
Power Drift [dB]	-0.07	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		10.7



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Meas.2 Body Plane with Back Side 15mm on Middle Channel in GPRS850 3Slots mode with Antenna 4

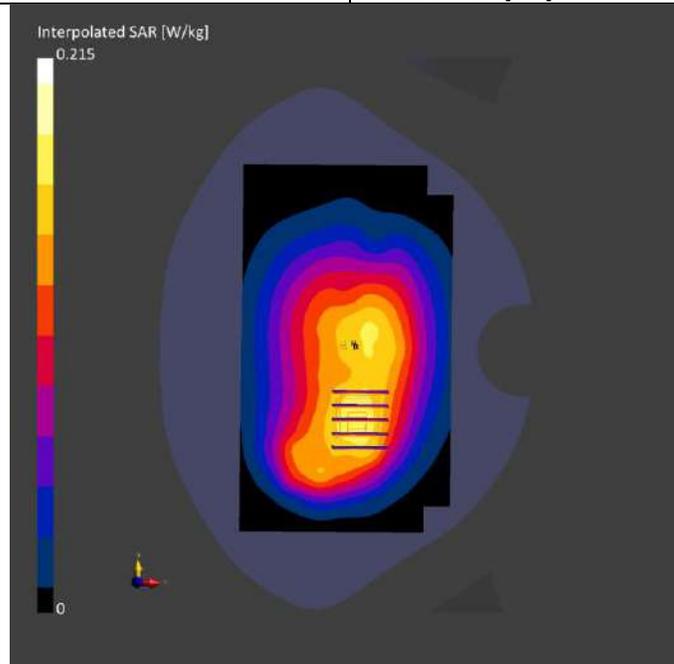
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	GSM 850	GSM, 10024-DAC	836.6, 190	9.99	0.914	40.8	22.3	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-19	2025-05-19
psSAR1g [W/kg]	0.154	0.164
psSAR10g [W/kg]	0.107	0.120
Power Drift [dB]	-0.02	-0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		> 16.0



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Meas.3 Body Plane with Back Side 10mm on Middle Channel in GPRS850 3Slots mode with Antenna 4

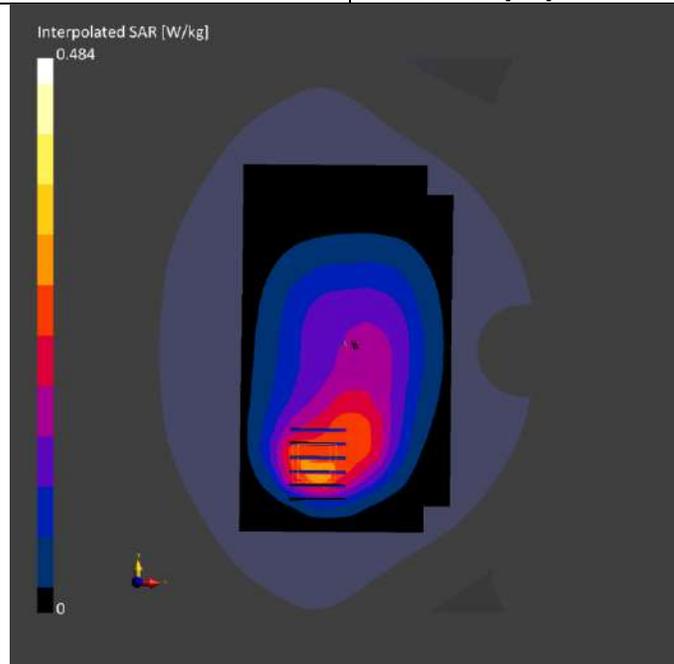
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	GSM 850	GSM, 10024-DAC	836.6, 190	9.99	0.914	40.8	22.3	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-19	2025-05-19
psSAR1g [W/kg]	0.270	0.280
psSAR10g [W/kg]	0.179	0.168
Power Drift [dB]	-0.16	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.9
Dist 3dB Peak [mm]		11.5



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Meas.4 Right Head with Tilt on Middle Channel in GPRS1900 2Slots mode with Antenna 4

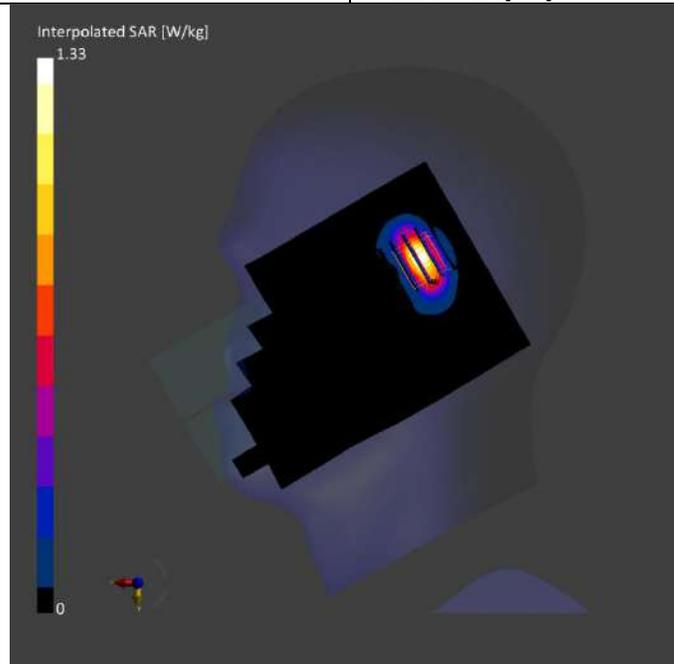
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	PCS 1900	GSM, 10024-DAC	1880.0, 661	8.33	1.40	40.8	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.733	0.791
psSAR10g [W/kg]	0.332	0.402
Power Drift [dB]	0.16	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.5
Dist 3dB Peak [mm]		8.4



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Meas.5 Body Plane with Back Side 15mm on Middle Channel in GPRS1900 2Slots mode with Antenna 4

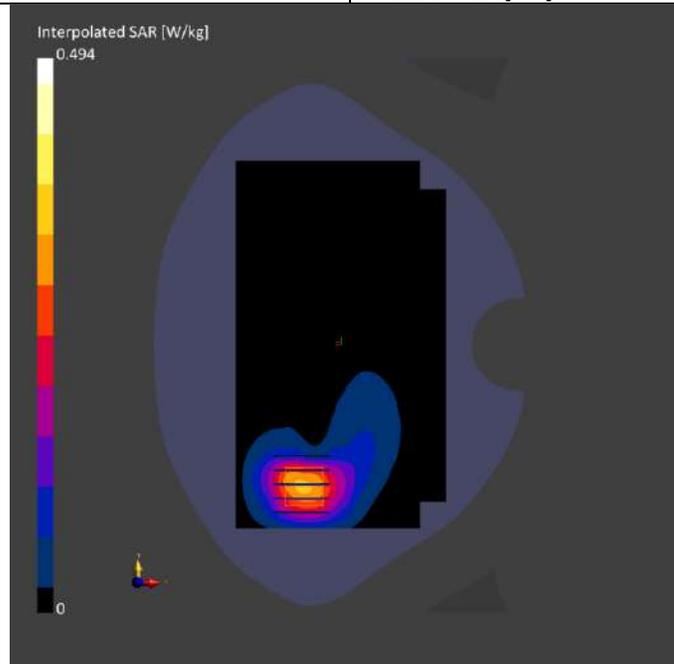
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	PCS 1900	GSM, 10027-DAC	1880.0, 661	8.33	1.40	40.8	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.290	0.331
psSAR10g [W/kg]	0.168	0.194
Power Drift [dB]	-0.03	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.3
Dist 3dB Peak [mm]		12.2



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Meas.6 Body Plane with Top Edge 10mm on Middle Channel in GPRS1900 2Slots mode with Antenna 4

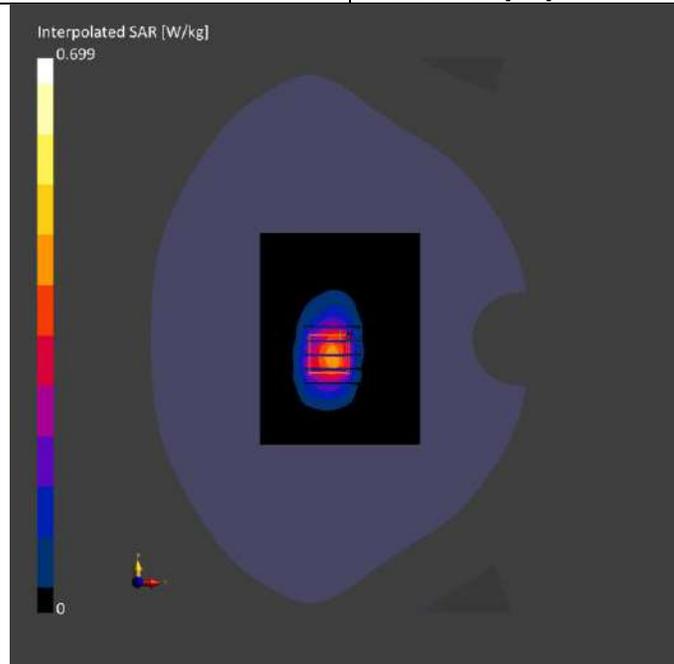
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	PCS 1900	GSM, 10024-DAC	1880.0, 661	8.33	1.40	40.8	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.372	0.453
psSAR10g [W/kg]	0.203	0.253
Power Drift [dB]	0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.7
Dist 3dB Peak [mm]		9.7



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Meas.7 Body Plane with Top Edge 0mm on Low Channel in GPRS1900 2Slots mode with Antenna 4

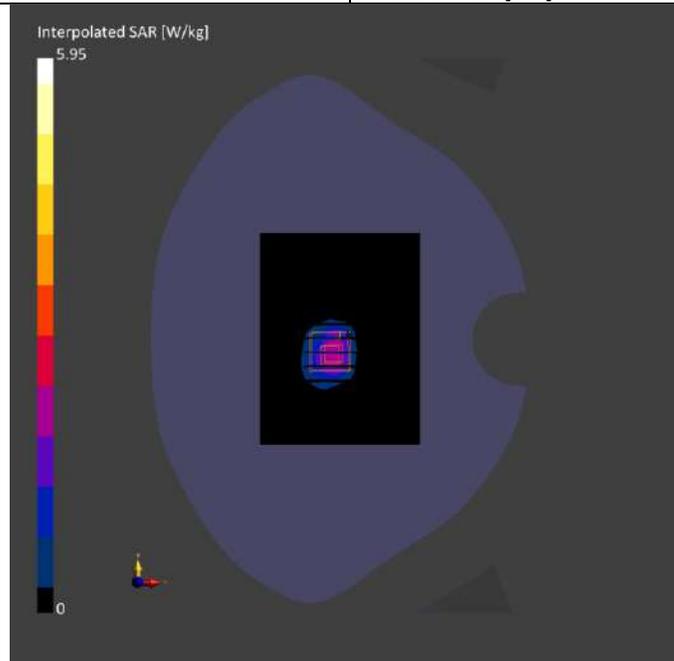
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	PCS 1900	GSM, 10024-DAC	1850.2, 512	8.33	1.35	41.3	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	2.00	3.09
psSAR10g [W/kg]	1.01	1.38
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.0
Dist 3dB Peak [mm]		8.8



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Meas.8 Right Head with Tilt on Middle Channel in WCDMA Band2 mode with Antenna 4

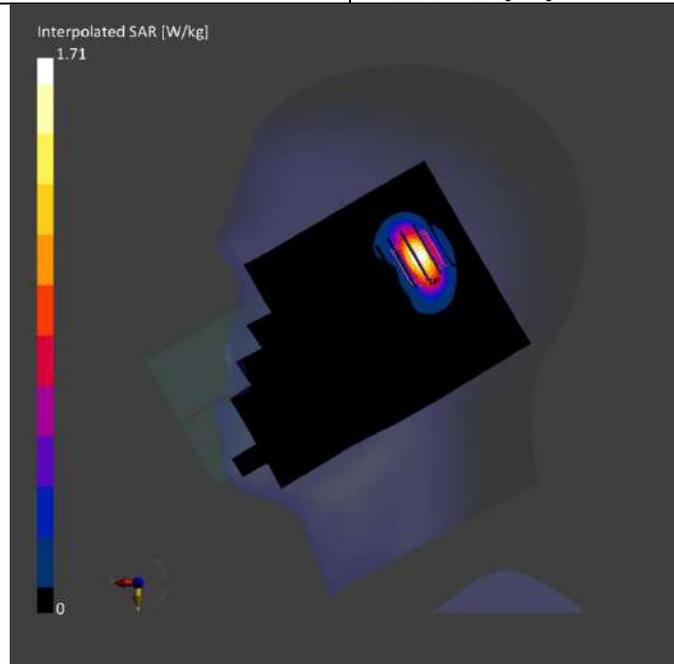
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 2	WCDMA, 10457-AAB	1880.0, 9400	8.33	1.40	40.8	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.786	0.828
psSAR10g [W/kg]	0.446	0.516
Power Drift [dB]	-0.05	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.0
Dist 3dB Peak [mm]		8.4



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Meas.9 Body Plane with Back Side 15mm on Middle Channel in WCDMA Band2 mode with Antenna 4

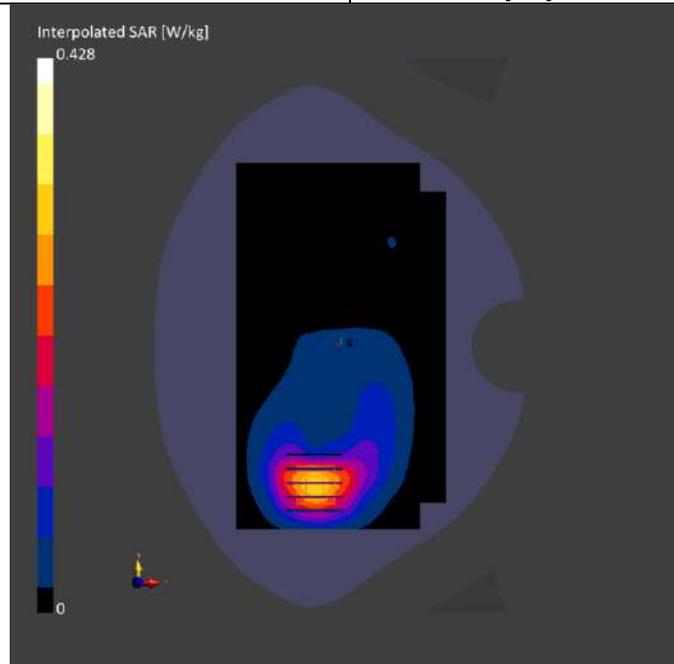
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 2	WCDMA, 10457-AAB	1880.0, 9400	8.33	1.40	40.8	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.264	0.300
psSAR10g [W/kg]	0.152	0.186
Power Drift [dB]	-0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.0
Dist 3dB Peak [mm]		12.8



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Meas.10 Body Plane with Top Edge 10mm on Middle Channel in WCDMA Band2 mode with Antenna 4

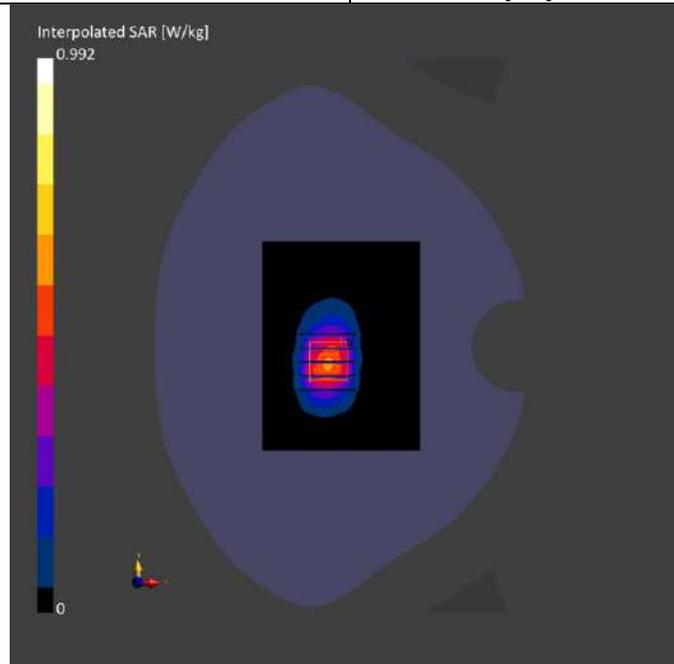
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band 2	WCDMA, 10457-AAB	1880.0, 9400	8.33	1.40	40.8	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.511	0.637
psSAR10g [W/kg]	0.283	0.356
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.4
Dist 3dB Peak [mm]		9.7



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Meas.11 Body Plane with Top Edge 0mm on Low Channel in WCDMA Band2 mode with Antenna 4

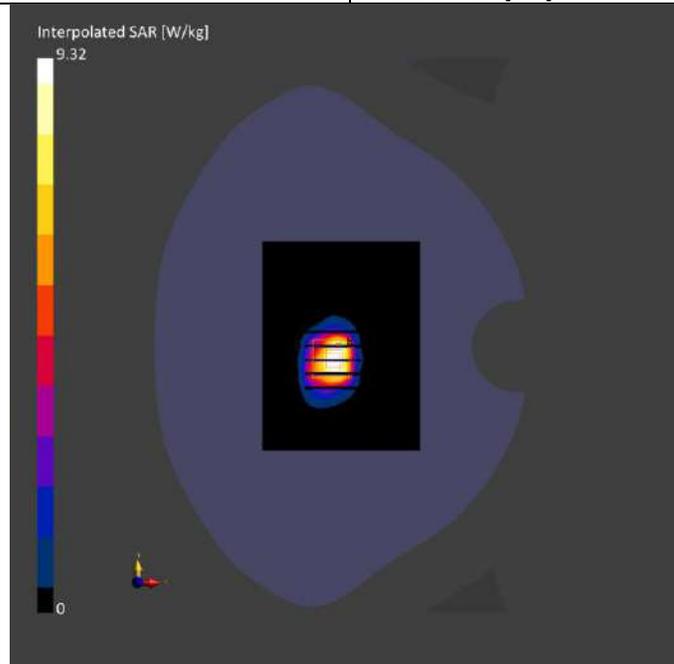
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 2	WCDMA, 10457-AAB	1852.4, 9262	8.33	1.39	41.1	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-26	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	3.24	4.93
psSAR10g [W/kg]	1.64	1.92
Power Drift [dB]	-0.10	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		8.8



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Meas.12 Right Head with Tilt on Low Channel in WCDMA Band4 mode with Antenna 4

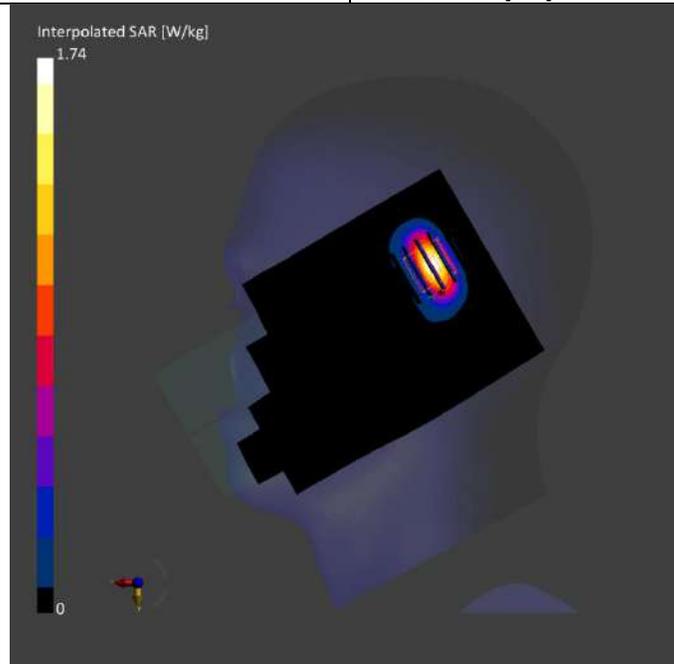
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 4	WCDMA, 10011-CAC	1712.4, 1312	8.67	1.33	40.6	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-20	2025-05-20
psSAR1g [W/kg]	0.799	0.813
psSAR10g [W/kg]	0.416	0.486
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		8.0



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Meas.13 Body Plane with Back Side 15mm on Low Channel in WCDMA Band4 mode with Antenna 4

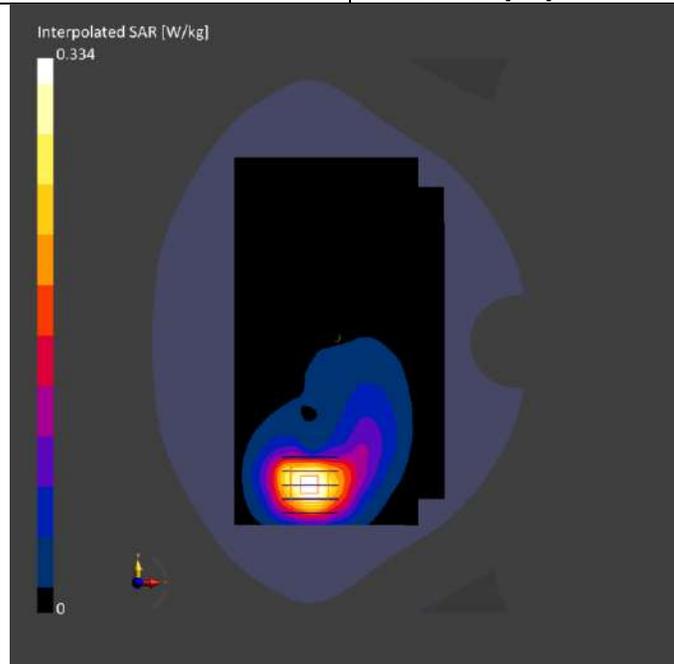
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 4	WCDMA, 10457-AAB	1712.4, 1312	8.67	1.33	40.6	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-20	2025-05-20
psSAR1g [W/kg]	0.205	0.239
psSAR10g [W/kg]	0.120	0.148
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		73.1
Dist 3dB Peak [mm]		12.8



BL-SZ2550149-ATD

Meas.14 Body Plane with Bottom Edge 10mm on High Channel in WCDMA Band4 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.67	1.39	39.0	22.1	21.1

Hardware Setup

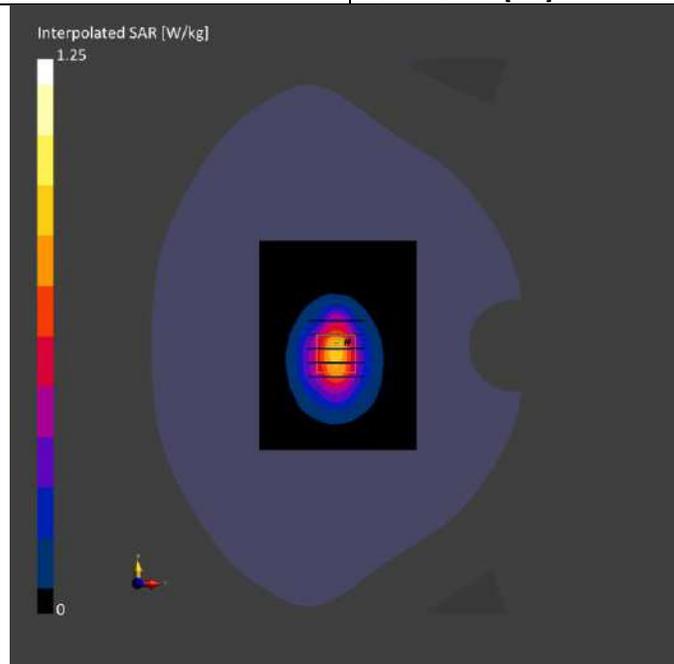
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-20	2025-05-20
psSAR1g [W/kg]	0.746	0.810
psSAR10g [W/kg]	0.415	0.473
Power Drift [dB]	-0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.7
Dist 3dB Peak [mm]		12.2



BL-SZ2550149-ATD

Meas.15 Body Plane with Top Edge 0mm on Middle Channel in WCDMA Band4 mode with Antenna 4

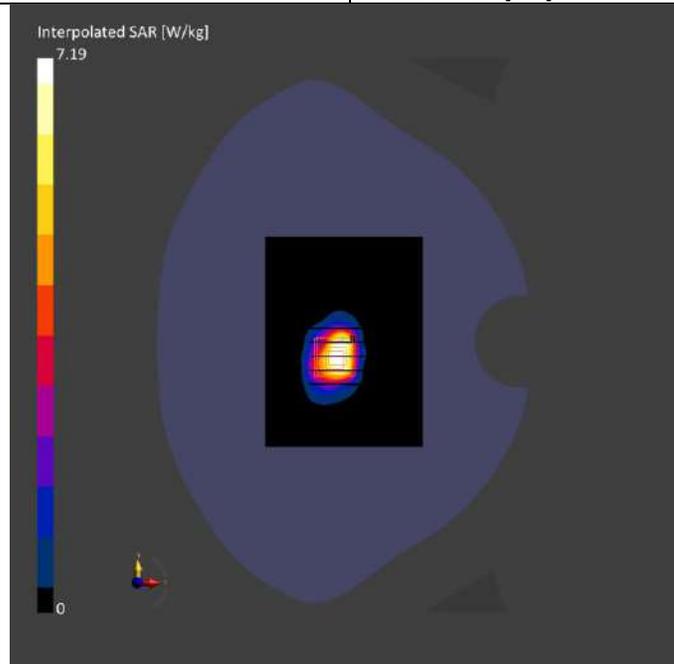
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 4	WCDMA, 10457-AAB	1732.4, 1412	8.67	1.34	40.4	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-20	2025-05-20
psSAR1g [W/kg]	2.82	3.99
psSAR10g [W/kg]	1.42	1.87
Power Drift [dB]	-0.05	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		8.4



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Meas.16 Right Head with Cheek on High Channel in WCDMA Band5 mode with Antenna 4

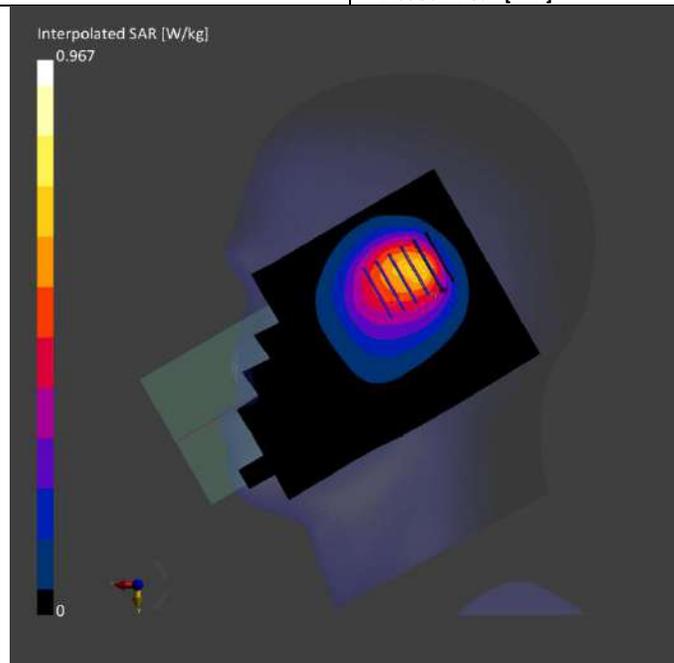
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 5	WCDMA, 10457-AAB	846.6, 4233	9.99	0.922	40.5	22.3	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-19	2025-05-19
psSAR1g [W/kg]	0.608	0.603
psSAR10g [W/kg]	0.402	0.406
Power Drift [dB]	-0.05	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.9
Dist 3dB Peak [mm]		12.9



BL-SZ2550149-ATD

Meas.17 Body Plane with Back Side 15mm on High Channel in WCDMA Band5 mode with Antenna 4

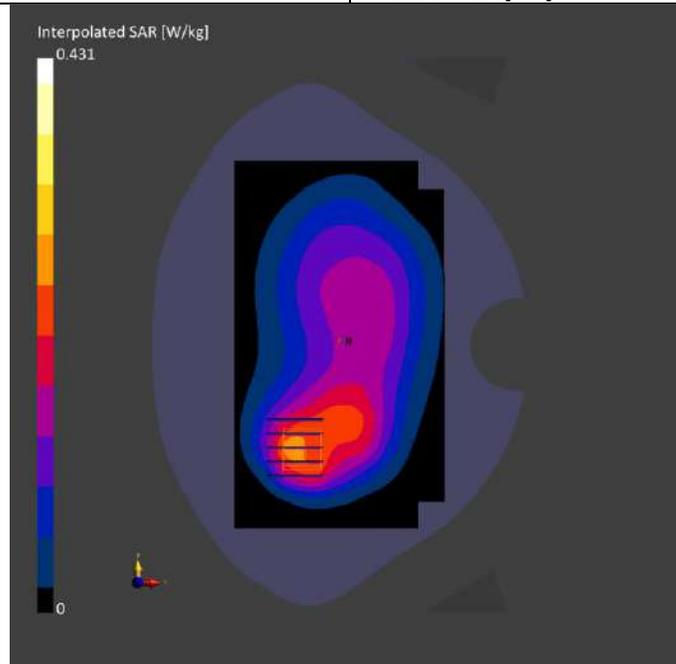
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	9.99	0.922	40.5	22.3	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-19	2025-05-19
psSAR1g [W/kg]	0.237	0.255
psSAR10g [W/kg]	0.158	0.156
Power Drift [dB]	-0.06	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		12.5



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Meas.18 Body Plane with Back Side 10mm on High Channel in WCDMA Band5 mode with Antenna 1

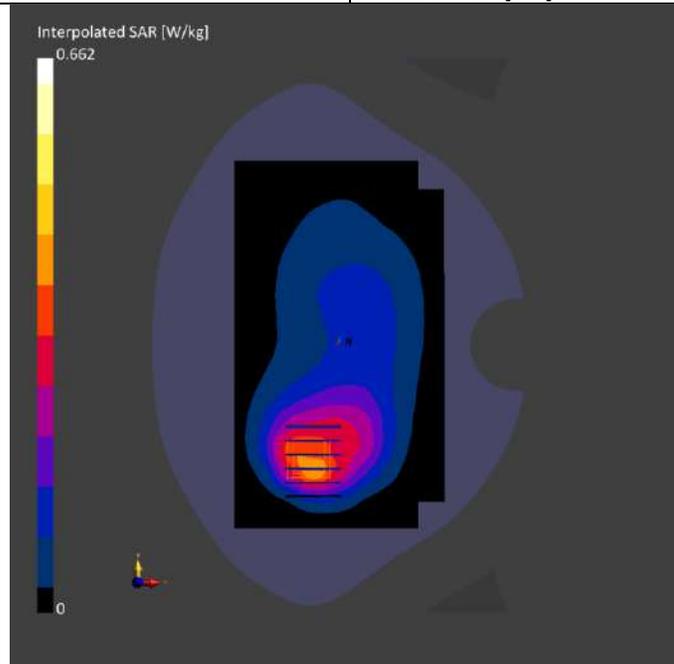
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	9.99	0.922	40.5	22.3	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-19	2025-05-19
psSAR1g [W/kg]	0.372	0.389
psSAR10g [W/kg]	0.242	0.232
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.6
Dist 3dB Peak [mm]		10.2



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Meas.19 Right Head with Tilt on High Channel in LTE Band2 mode with Antenna 4

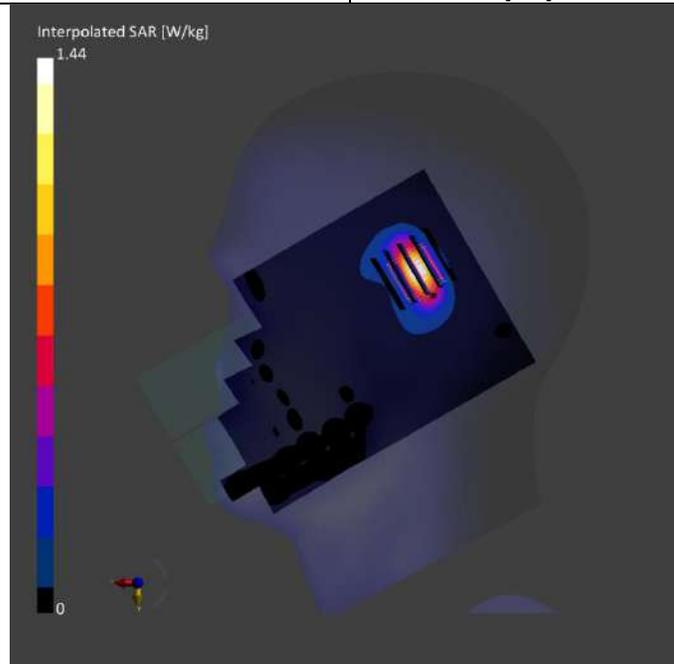
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	8.33	1.41	39.9	22.2	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-27	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Date	2025-05-27
	psSAR1g [W/kg]	0.814
	psSAR10g [W/kg]	0.368
	Power Drift [dB]	-0.11
	Power Scaling	Disabled
	Scaling Factor [dB]	Disabled
	TSL Correction	No correction
	M2/M1 [%]	64.0
	Dist 3dB Peak [mm]	8.5



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Meas.20 Body Plane with Back Side 15mm on Low Channel in LTE Band2 mode with Antenna 1

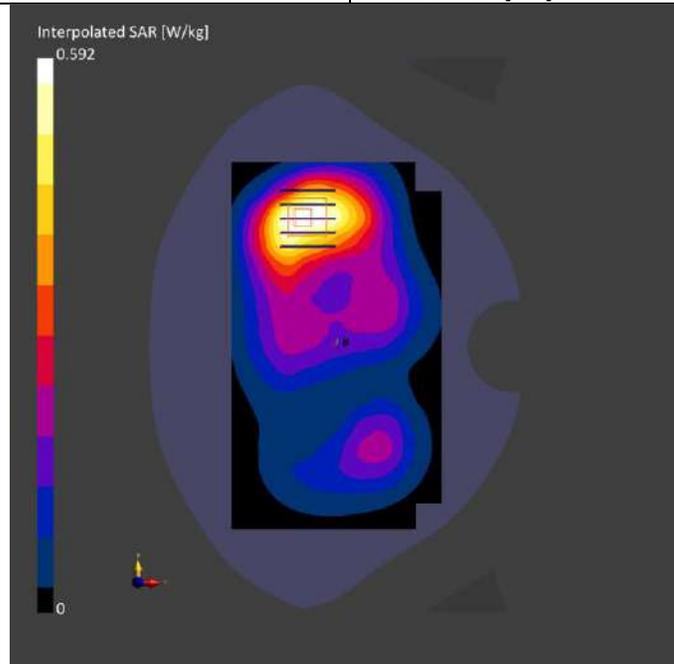
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 2	LTE-FDD, 10169-CAF	1860.0, 18700	8.33	1.37	41.2	22.2	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-27	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-27	2025-05-27
psSAR1g [W/kg]	0.380	0.385
psSAR10g [W/kg]	0.231	0.244
Power Drift [dB]	-0.08	-0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		16.0



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Meas.21 Body Plane with Top Edge 10mm on Low Channel in LTE Band2 mode with Antenna 4

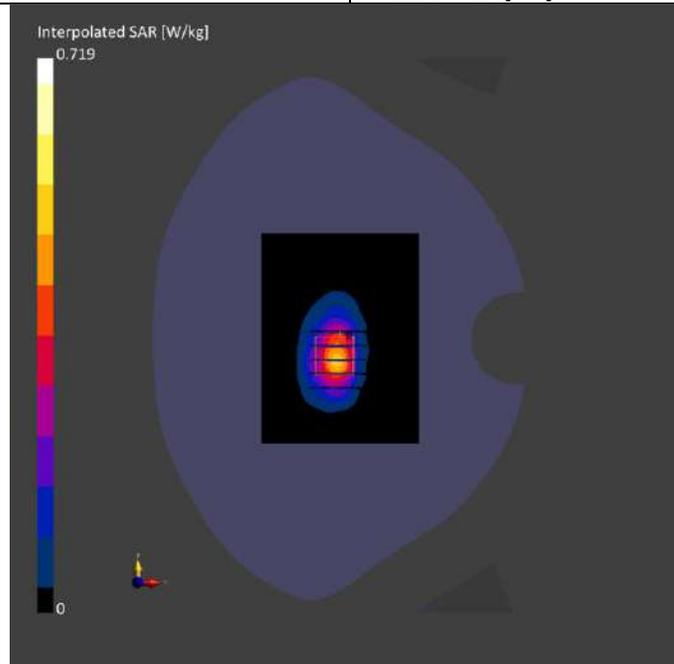
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band 2	LTE-FDD, 10169-CAF	1860.0, 18700	8.33	1.37	41.2	22.2	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-27	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-27	2025-05-27
psSAR1g [W/kg]	0.411	0.464
psSAR10g [W/kg]	0.211	0.258
Power Drift [dB]	0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.0
Dist 3dB Peak [mm]		9.6



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Meas.22 Body Plane with Top Edge 0mm on High Channel in LTE Band2 mode with Antenna 4

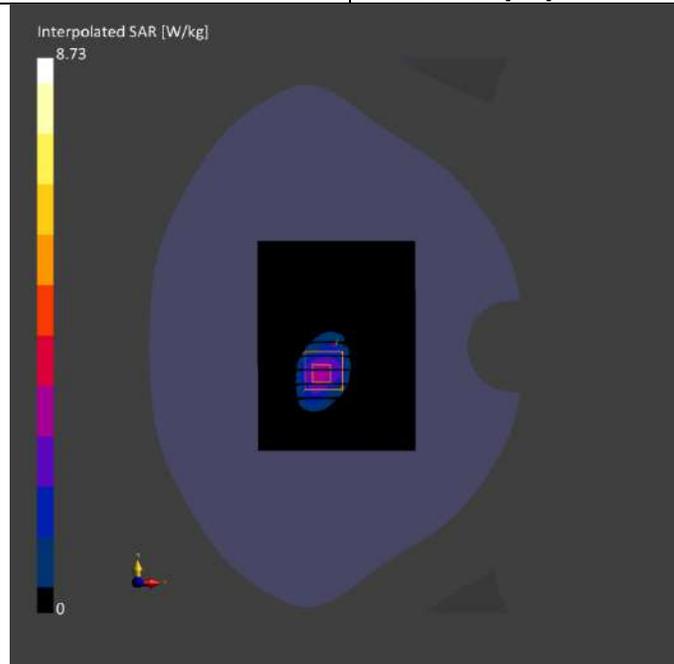
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	8.33	1.41	39.9	22.2	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-27	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-27	2025-05-27
psSAR1g [W/kg]	2.73	4.42
psSAR10g [W/kg]	1.39	1.95
Power Drift [dB]	-0.08	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		43.9
Dist 3dB Peak [mm]		8.1



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Meas.23 Right Head with Tilt on Middle Channel in LTE Band4 mode with Antenna 4

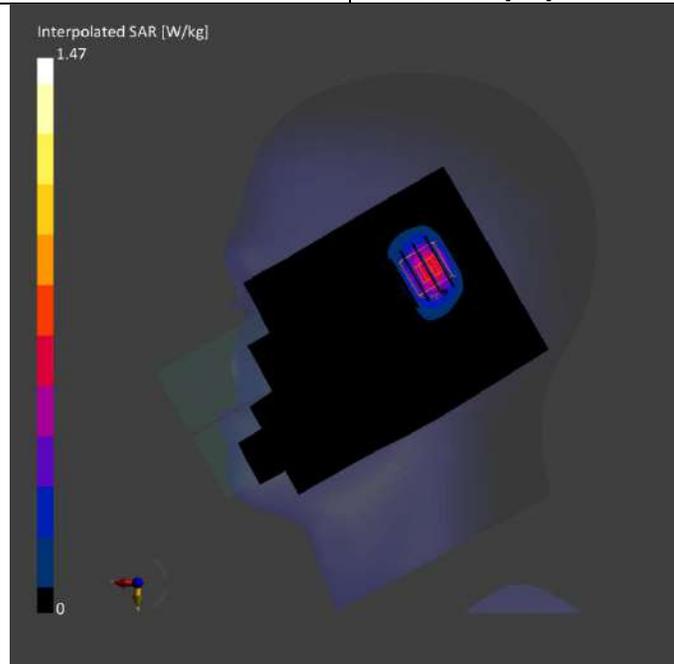
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	40.4	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-20	2025-05-20
psSAR1g [W/kg]	0.576	0.848
psSAR10g [W/kg]	0.304	0.404
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.4
Dist 3dB Peak [mm]		8.0



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Meas.24 Body Plane with Back Side 15mm on Middle Channel in LTE Band4 mode with Antenna 4

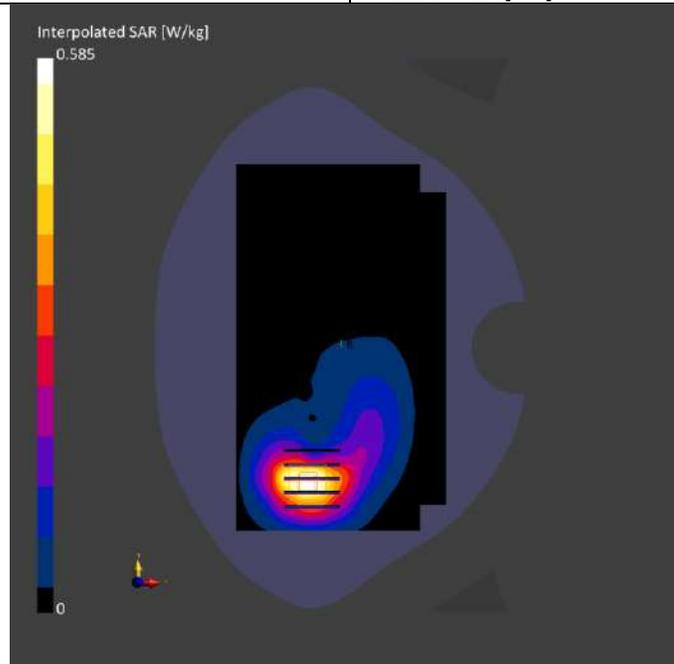
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	41.2	22.5	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-21	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-21	2025-05-21
psSAR1g [W/kg]	0.362	0.387
psSAR10g [W/kg]	0.206	0.228
Power Drift [dB]	-0.08	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.8
Dist 3dB Peak [mm]		12.2



Meas.25 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band4 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	41.2	22.5	21.7

Hardware Setup

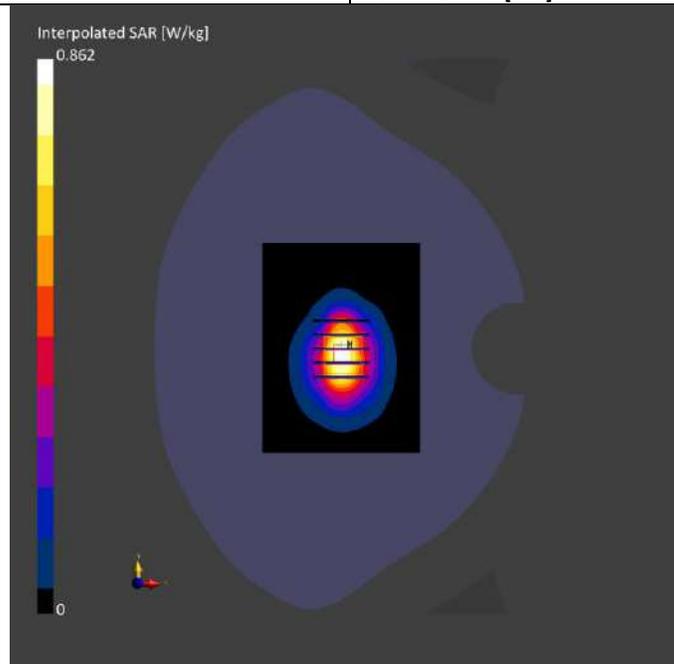
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-21	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-21	2025-05-21
psSAR1g [W/kg]	0.550	0.569
psSAR10g [W/kg]	0.303	0.335
Power Drift [dB]	-0.04	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.3
Dist 3dB Peak [mm]		11.6



BL-SZ2550149-ATD

Meas.26 Body Plane with Top Edge 0mm on Middle Channel in LTE Band4 mode with Antenna 4

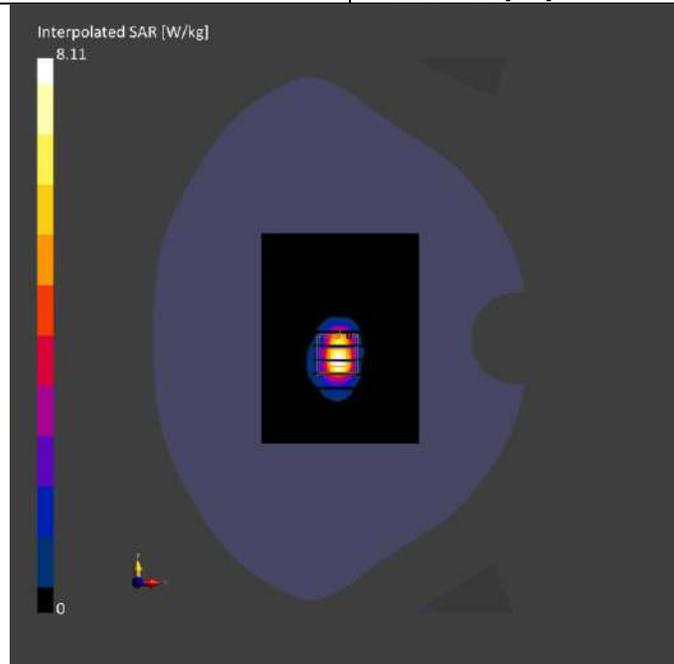
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	41.2	22.5	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-21	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-21	2025-05-21
psSAR1g [W/kg]	4.30	4.35
psSAR10g [W/kg]	1.95	1.98
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.4
Dist 3dB Peak [mm]		8.4



BL-SZ2550149-ATD

Meas.27 Right Head with Cheek on High Channel in LTE Band5 mode with Antenna 4

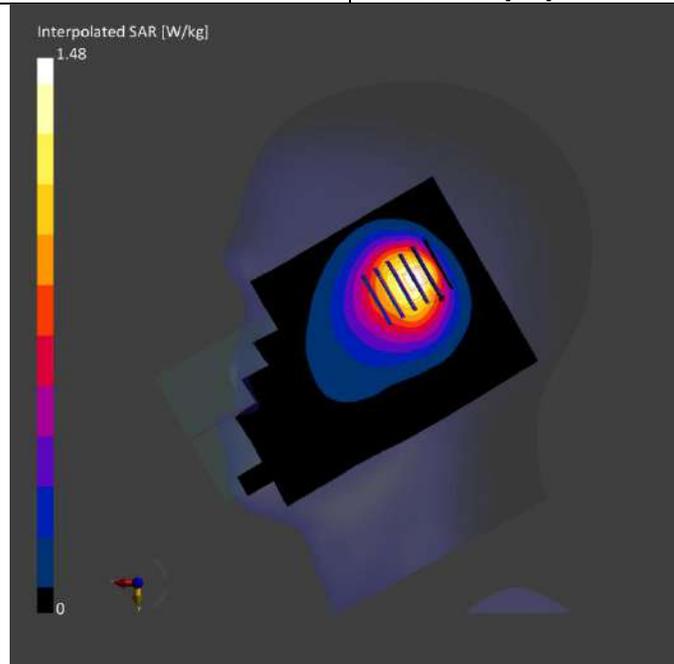
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	844.0, 20600	9.99	0.923	41.8	22.6	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-17	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-17	2025-05-17
psSAR1g [W/kg]	0.756	0.802
psSAR10g [W/kg]	0.492	0.481
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		11.7



BL-SZ2550149-ATD

Meas.28 Body Plane with Back Side 15mm on High Channel in LTE Band5 mode with Antenna 4

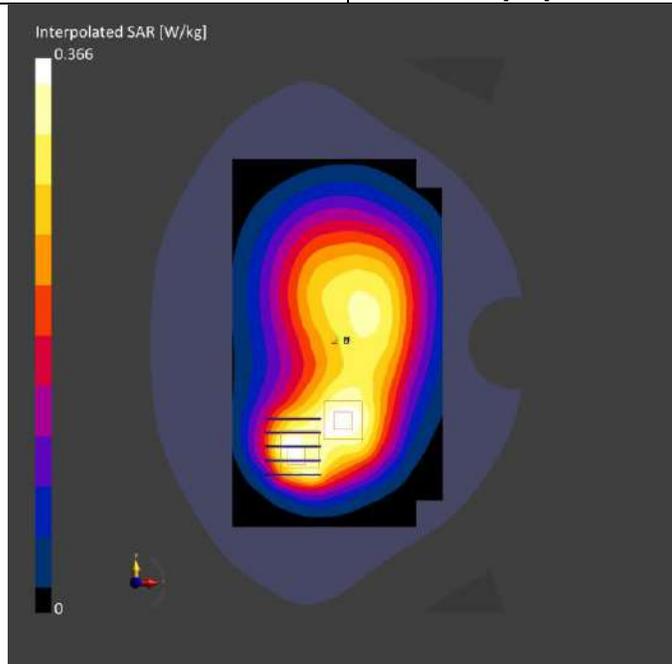
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 5	LTE-FDD, 10175-CAH	844.0, 20600	9.99	0.923	41.8	22.6	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-17	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-17	2025-05-17
psSAR1g [W/kg]	0.220	0.232
psSAR10g [W/kg]	0.152	0.147
Power Drift [dB]	-0.03	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		12.5



BL-SZ2550149-ATD

Meas.29 Body Plane with Back Side 10mm on High Channel in LTE Band5 mode with Antenna 4

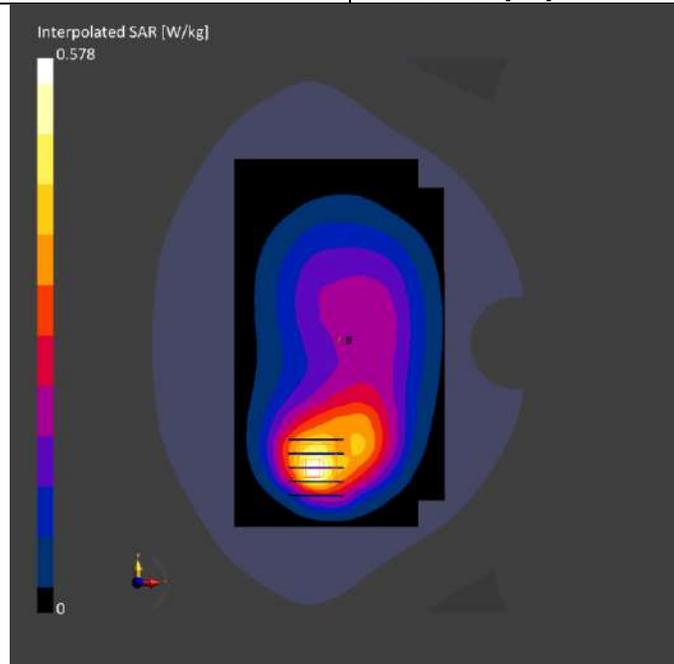
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 5	LTE-FDD, 10175-CAH	844.0, 20600	9.99	0.923	41.8	22.6	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-17	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-17	2025-05-17
psSAR1g [W/kg]	0.365	0.353
psSAR10g [W/kg]	0.230	0.212
Power Drift [dB]	-0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.3
Dist 3dB Peak [mm]		13.6



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Meas.30 Right Head with Tilt on Middle Channel in LTE Band7 mode with Antenna 4

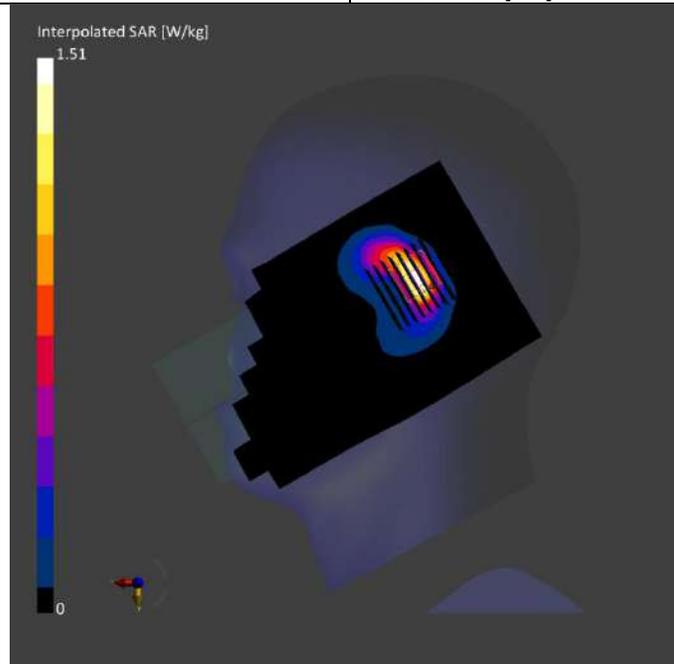
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.75	1.87	39.8	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-30	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	0.655	0.764
psSAR10g [W/kg]	0.298	0.320
Power Drift [dB]	0.05	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		8.0



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Meas.31 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode with Antenna 1

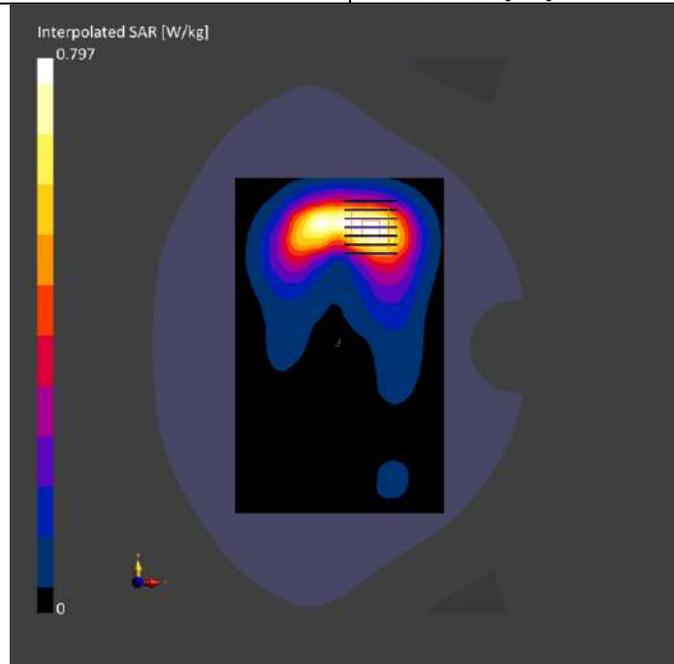
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 7	LTE-FDD, 10297-AAE	2535.0, 21100	7.75	1.87	39.8	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-30	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	0.455	0.477
psSAR10g [W/kg]	0.247	0.256
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.1
Dist 3dB Peak [mm]		14.0



BL-SZ2550149-ATD

Meas.32 Body Plane with Top Edge 10mm on Middle Channel in LTE Band7 mode with Antenna 4

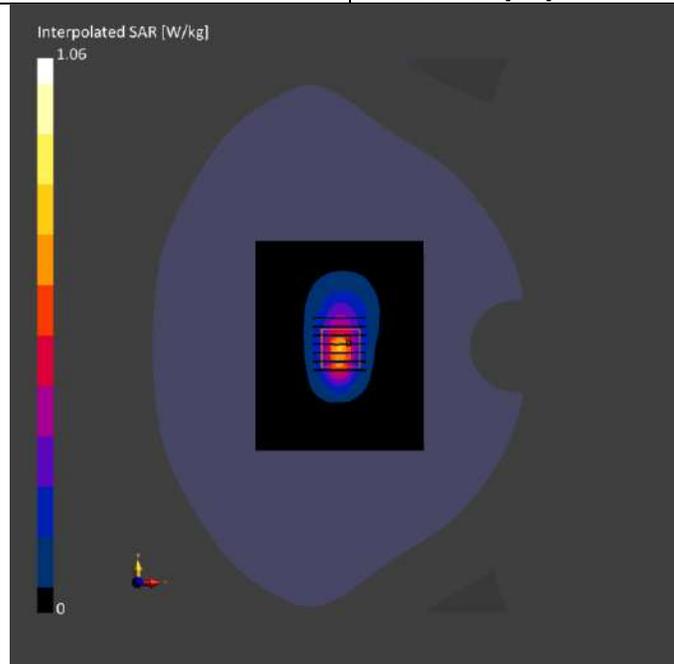
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.75	1.87	39.8	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-30	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	0.549	0.581
psSAR10g [W/kg]	0.252	0.277
Power Drift [dB]	-0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		8.5



BL-SZ2550149-ATD

Meas.33 Body Plane with Top Edge 0mm on High Channel in LTE Band7 mode with Antenna 4

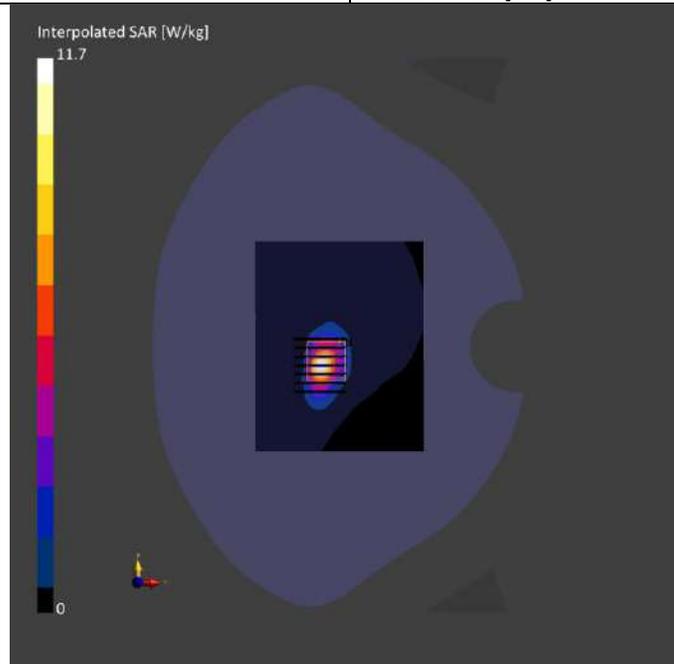
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 7	LTE-FDD, 10169-CAF	2560.0, 21350	7.59	1.93	39.0	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-30	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	3.60	5.28
psSAR10g [W/kg]	1.40	1.89
Power Drift [dB]	-0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		47.6
Dist 3dB Peak [mm]		5.0



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Meas.34 Right Head with Cheek on High Channel in LTE Band12 mode with Antenna 4

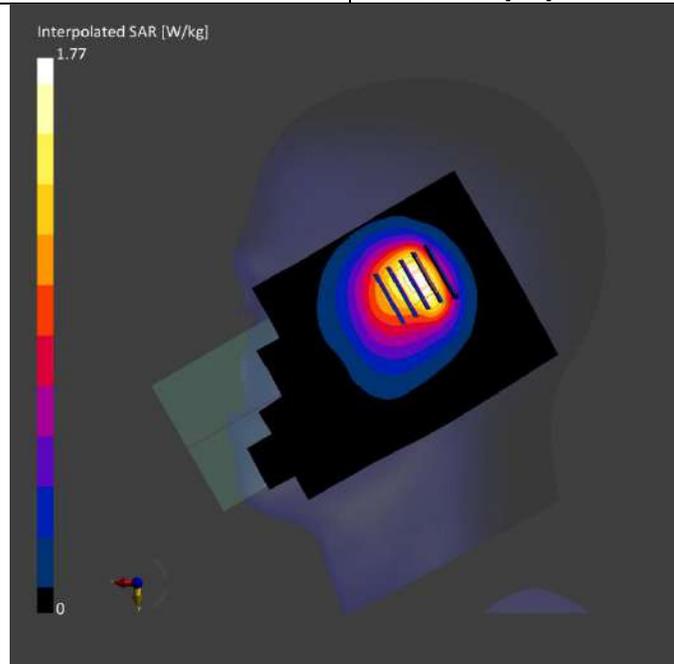
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 12	LTE-FDD, 10175-CAH	711.0, 23130	10.29	0.876	41.9	22.1	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-09	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-09	2025-05-09
psSAR1g [W/kg]	0.904	0.912
psSAR10g [W/kg]	0.594	0.561
Power Drift [dB]	-0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.7
Dist 3dB Peak [mm]		9.6



BL-SZ2550149-ATD

Meas.35 Body Plane with Back Side 15mm on High Channel in LTE Band12 mode with Antenna 1

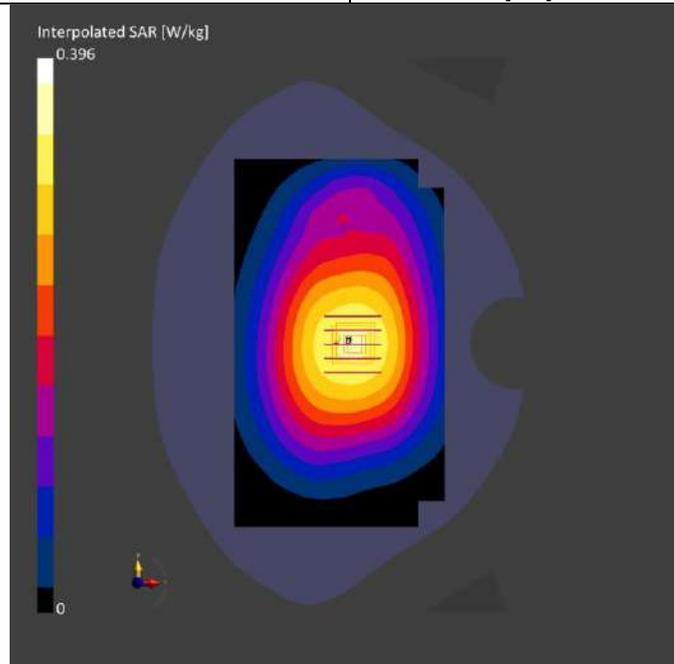
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 12	LTE-FDD, 10175-CAH	711.0, 23130	10.29	0.876	41.9	22.1	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-09	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-09	2025-05-09
psSAR1g [W/kg]	0.298	0.319
psSAR10g [W/kg]	0.214	0.250
Power Drift [dB]	-0.15	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.4
Dist 3dB Peak [mm]		> 16.0



BL-SZ2550149-ATD

Meas.36 Body Plane with Back Side 10mm on High Channel in LTE Band12 mode with Antenna 4

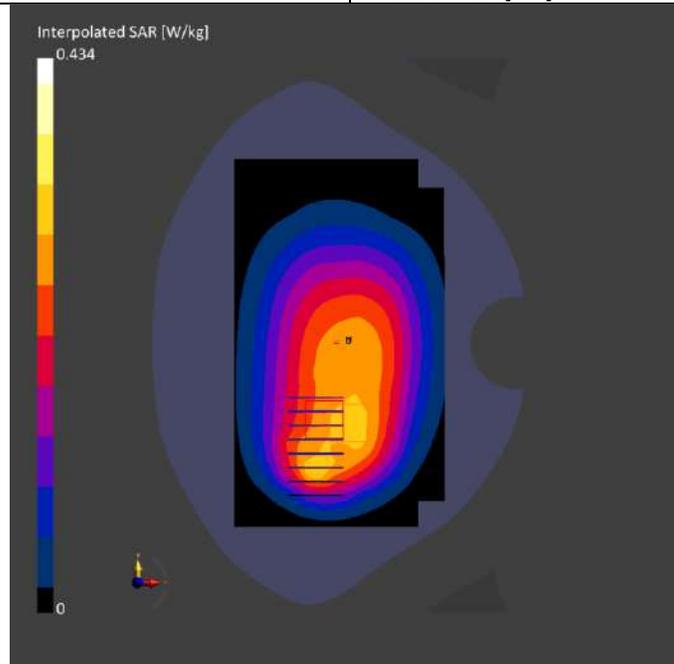
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 12	LTE-FDD, 10175-CAH	711.0, 23130	10.29	0.876	41.9	22.1	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-09	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-09	2025-05-09
psSAR1g [W/kg]	0.276	0.264
psSAR10g [W/kg]	0.193	0.189
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		11.5



BL-SZ2550149-ATD

Meas.37 Right Head with Cheek on Middle Channel in LTE Band13 mode with Antenna 4

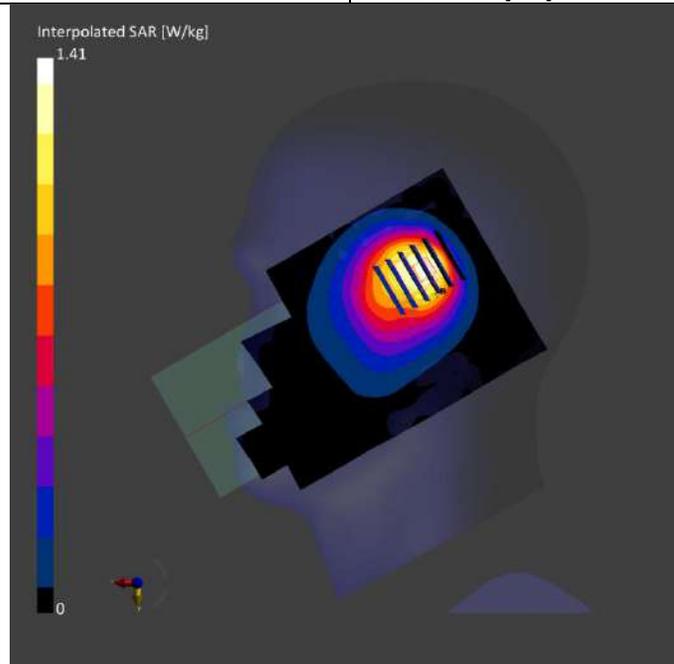
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.29	0.889	43.2	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-10	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-10	2025-05-10
psSAR1g [W/kg]	0.543	0.643
psSAR10g [W/kg]	0.366	0.378
Power Drift [dB]	0.10	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		39.7
Dist 3dB Peak [mm]		9.7



BL-SZ2550149-ATD

Meas.38 Body Plane with Back Side 15mm on Middle Channel in LTE Band13 mode with Antenna 4

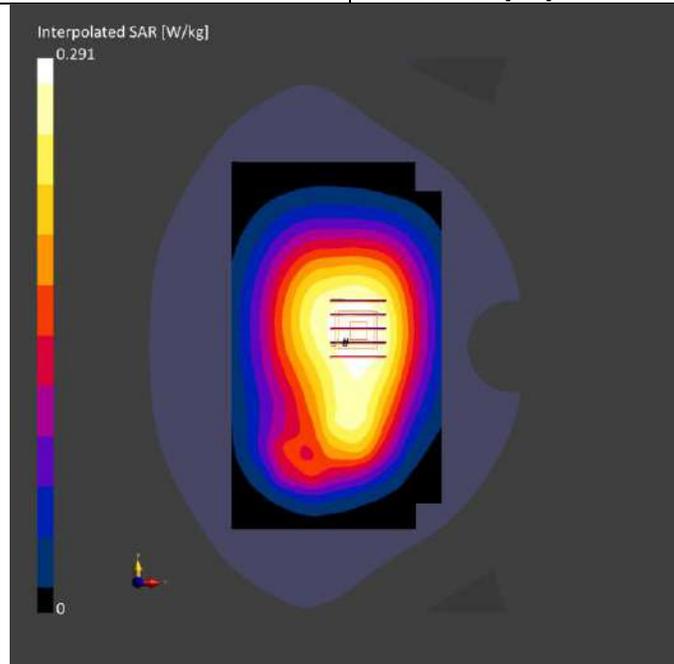
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.29	0.889	43.2	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-10	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-10	2025-05-10
psSAR1g [W/kg]	0.218	0.234
psSAR10g [W/kg]	0.155	0.184
Power Drift [dB]	0.01	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.1
Dist 3dB Peak [mm]		> 16.0



BL-SZ2550149-ATD

Meas.39 Body Plane with Back Side 10mm on Middle Channel in LTE Band13 mode with Antenna 4

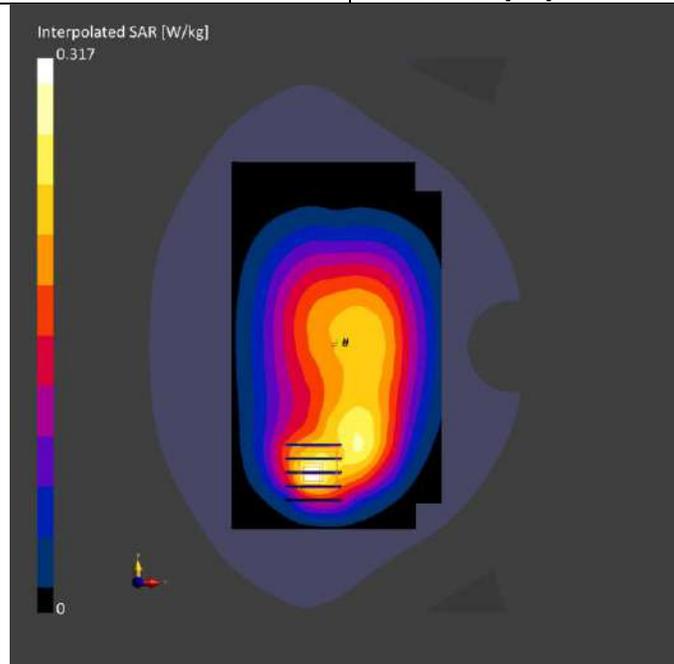
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.29	0.889	43.2	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-10	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-10	2025-05-10
psSAR1g [W/kg]	0.193	0.181
psSAR10g [W/kg]	0.122	0.105
Power Drift [dB]	-0.03	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.2
Dist 3dB Peak [mm]		13.6



BL-SZ2550149-ATD

Meas.40 Right Head with Cheek on Middle Channel in LTE Band17 mode with Antenna 4

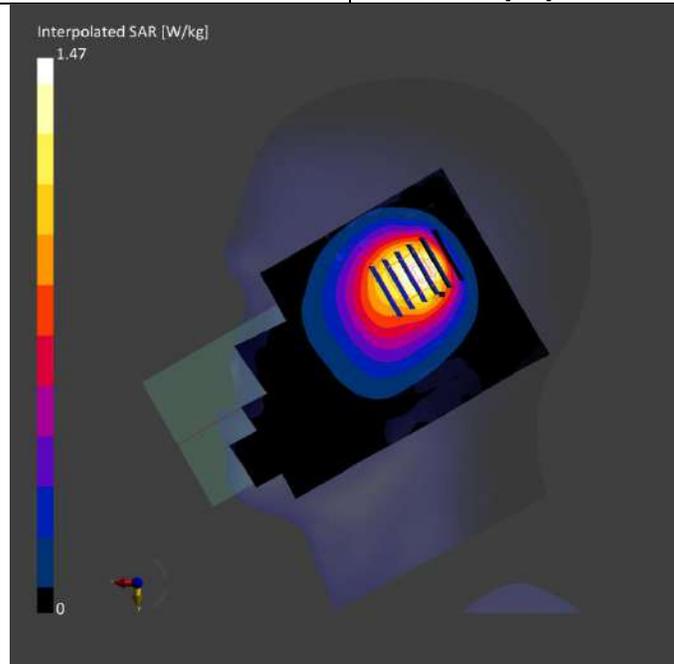
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.29	0.880	41.1	22.1	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Date	2025-05-11
	psSAR1g [W/kg]	0.596
	psSAR10g [W/kg]	0.406
	Power Drift [dB]	-0.04
	Power Scaling	Disabled
	Scaling Factor [dB]	
	TSL Correction	No correction
	M2/M1 [%]	43.9
	Dist 3dB Peak [mm]	9.7



BL-SZ2550149-ATD

Meas.41 Body Plane with Back Side 15mm on Middle Channel in LTE Band17 mode with Antenna 1

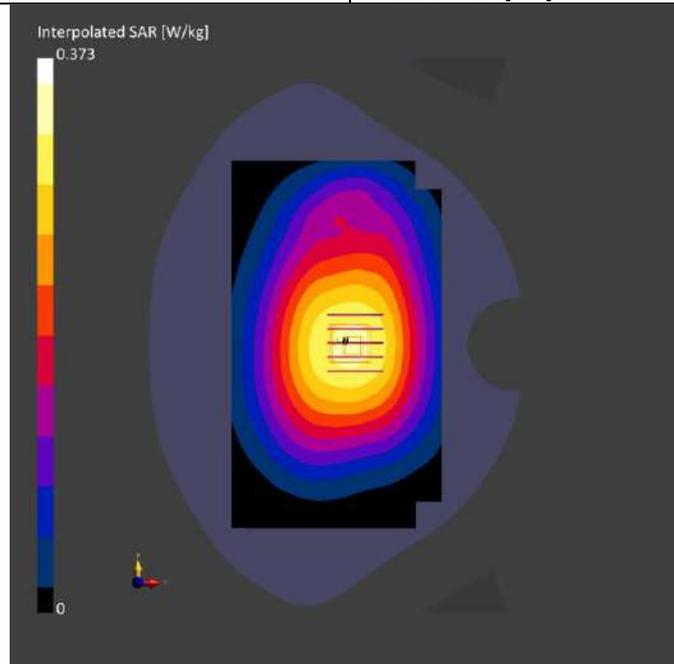
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.29	0.880	41.1	22.1	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-11	2025-05-11
psSAR1g [W/kg]	0.286	0.303
psSAR10g [W/kg]	0.206	0.237
Power Drift [dB]	-0.02	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.7
Dist 3dB Peak [mm]		> 16.0



BL-SZ2550149-ATD

Meas.42 Body Plane with Back Side 10mm on Middle Channel in LTE Band17 mode with Antenna 4

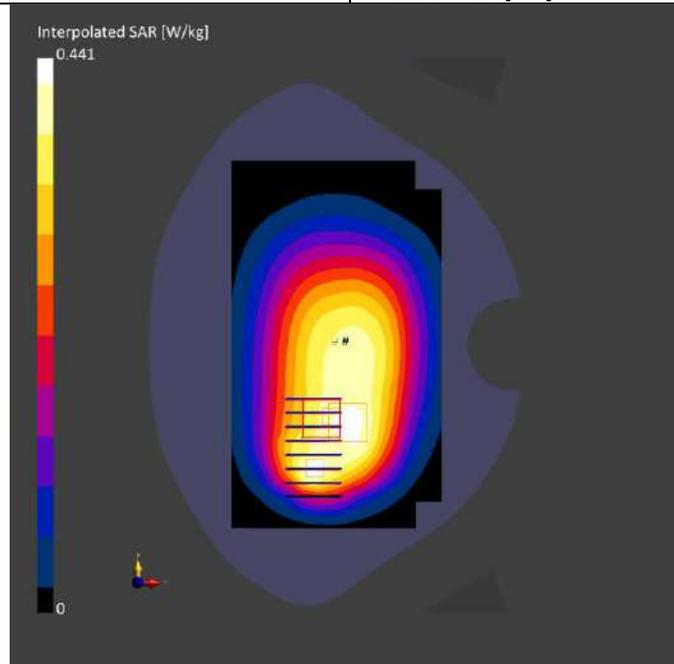
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.29	0.880	41.1	22.1	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-11	2025-05-11
psSAR1g [W/kg]	0.274	0.269
psSAR10g [W/kg]	0.194	0.191
Power Drift [dB]	0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.0
Dist 3dB Peak [mm]		11.5



BL-SZ2550149-ATD

Meas.43 Right Head with Cheek on Middle Channel in LTE Band18 mode with Antenna 4

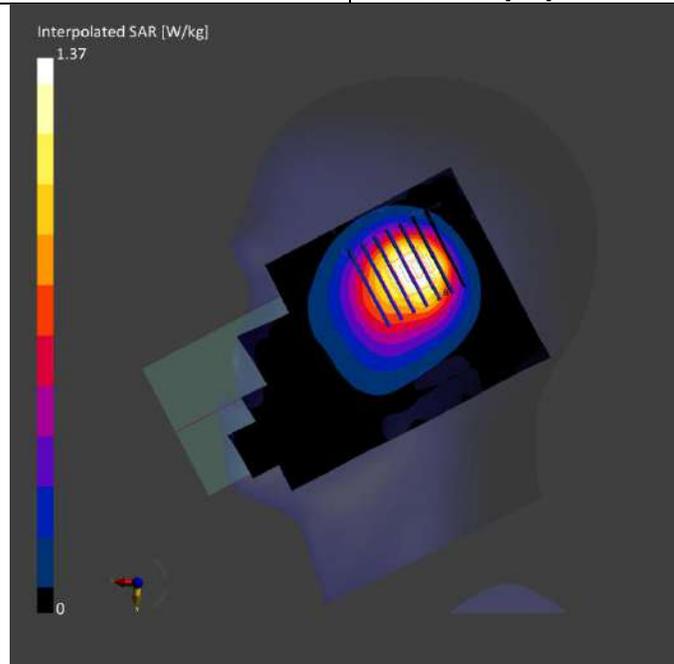
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 18	LTE-FDD, 10181-CAF	822.5, 23925	9.99	0.883	42.8	22.5	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-15	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Date	2025-05-15
	psSAR1g [W/kg]	0.721
	psSAR10g [W/kg]	0.489
	Power Drift [dB]	-0.06
	Power Scaling	Disabled
	Scaling Factor [dB]	Disabled
	TSL Correction	No correction
	M2/M1 [%]	56.5
	Dist 3dB Peak [mm]	12.2



BL-SZ2550149-ATD

Meas.44 Body Plane with Back Side 15mm on Middle Channel in LTE Band18 mode with Antenna 1

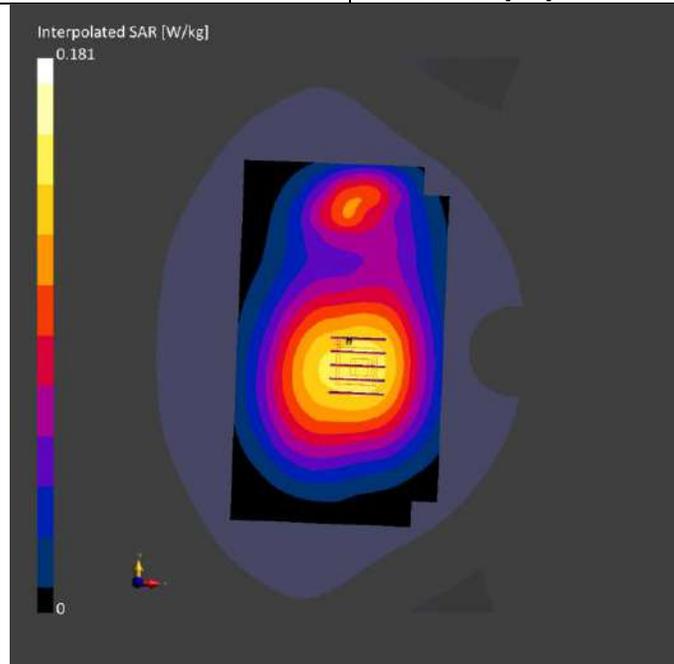
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 18	LTE-FDD, 10181-CAF	822.5, 23925	9.99	0.883	42.8	22.5	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-15	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-15	2025-05-15
psSAR1g [W/kg]	0.131	0.144
psSAR10g [W/kg]	0.093	0.111
Power Drift [dB]	0.10	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.8
Dist 3dB Peak [mm]		> 16.0



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Meas.45 Body Plane with Back Side 10mm on Middle Channel in LTE Band18 mode with Antenna 4

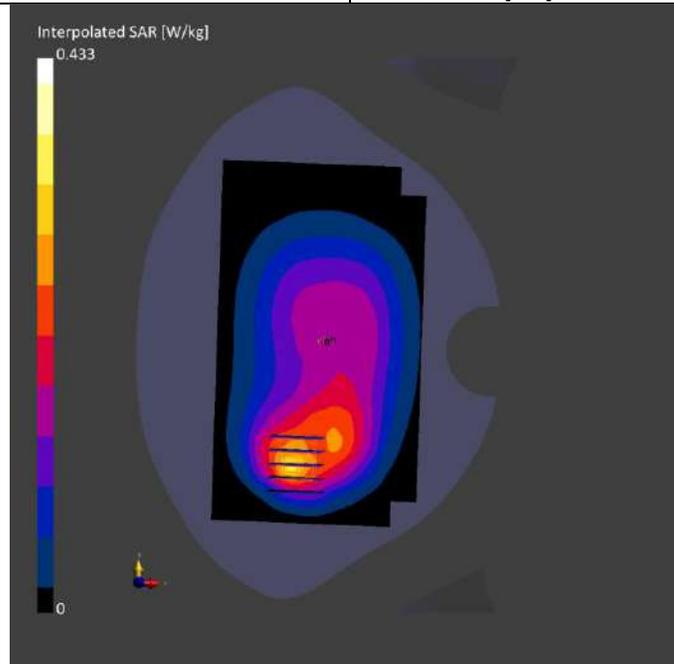
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 18	LTE-FDD, 10181-CAF	822.5, 23925	9.99	0.883	42.8	22.5	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-15	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-15	2025-05-15
psSAR1g [W/kg]	0.277	0.266
psSAR10g [W/kg]	0.177	0.162
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		13.6



BL-SZ2550149-ATD

Meas.46 Right Head with Cheek on Middle Channel in LTE Band19 mode with Antenna 4

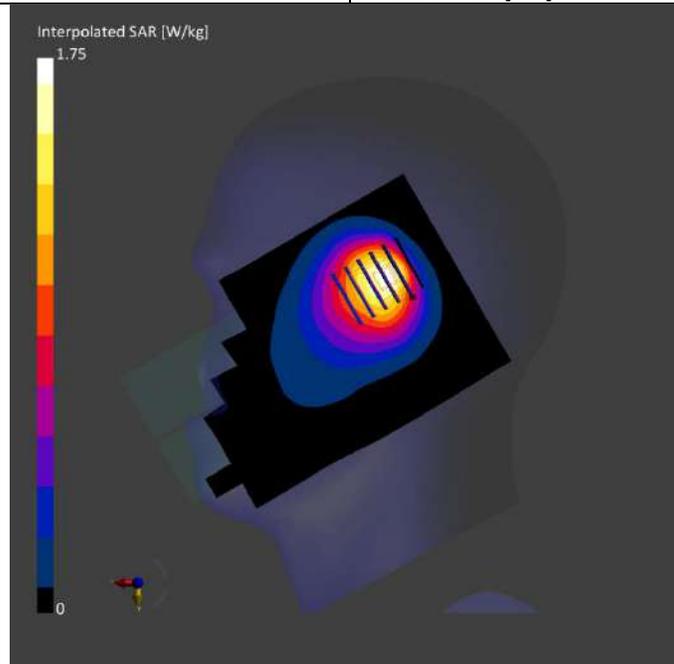
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 19	LTE-FDD, 10181-CAF	837.5, 24075	9.99	0.906	41.1	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-16	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-16	2025-05-16
psSAR1g [W/kg]	0.892	0.948
psSAR10g [W/kg]	0.582	0.573
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		11.7



BL-SZ2550149-ATD

Meas.47 Body Plane with Back Side 15mm on Middle Channel in LTE Band19 mode with Antenna 4

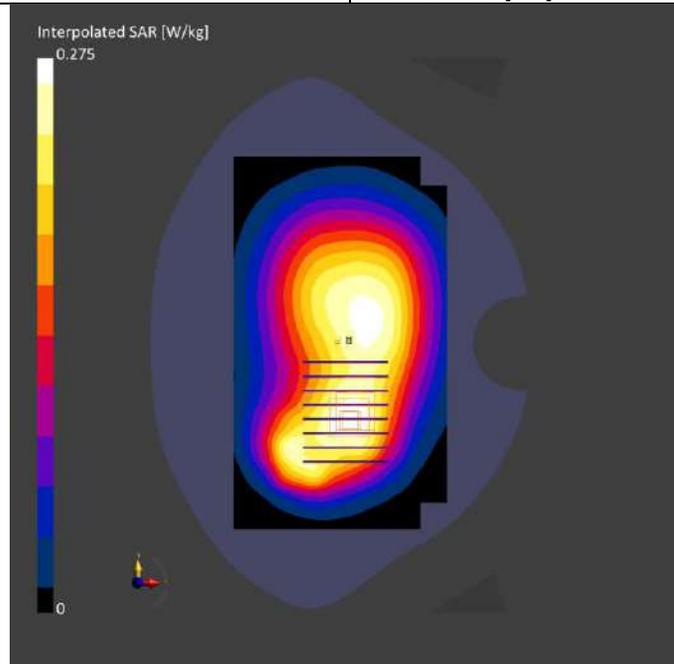
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 19	LTE-FDD, 10181-CAF	837.5, 24075	9.99	0.906	41.1	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-16	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-16	2025-05-16
psSAR1g [W/kg]	0.170	0.181
psSAR10g [W/kg]	0.117	0.133
Power Drift [dB]	-0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		> 16.0



BL-SZ2550149-ATD

Meas.48 Body Plane with Back Side 10mm on Middle Channel in LTE Band19 mode with Antenna 4

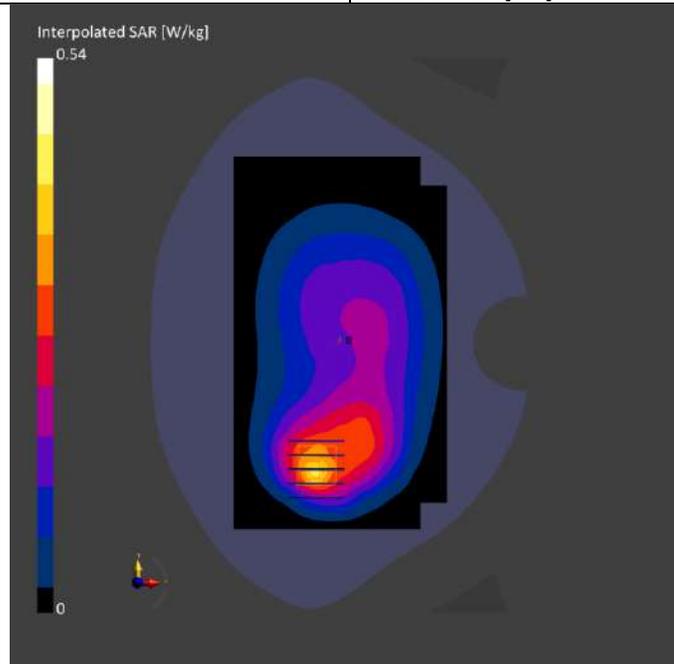
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 19	LTE-FDD, 10181-CAF	837.5, 24075	9.99	0.906	41.1	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-16	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-16	2025-05-16
psSAR1g [W/kg]	0.345	0.331
psSAR10g [W/kg]	0.218	0.200
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		13.6



BL-SZ2550149-ATD

Meas.49 Right Head with Cheek on High Channel in LTE Band26 mode with Antenna 4

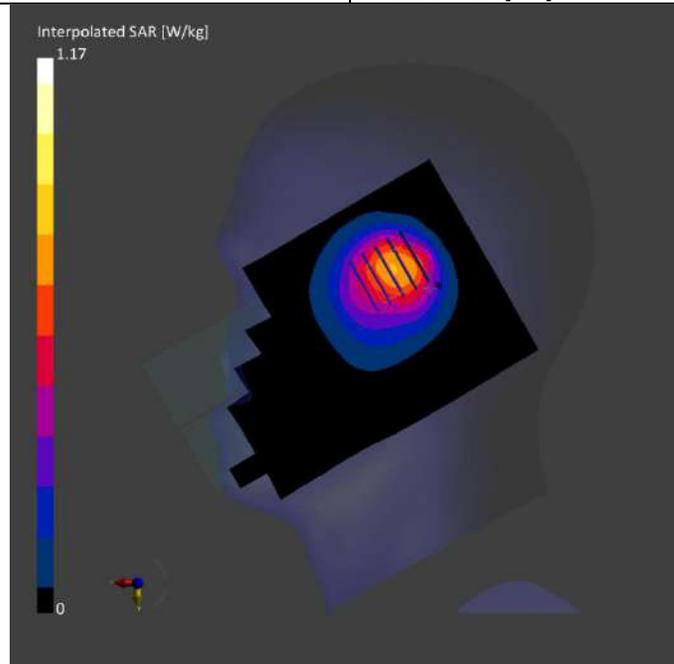
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 26	LTE-FDD, 10181-CAF	841.5, 26965	9.99	0.906	41.0	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-13	2025-05-13
psSAR1g [W/kg]	0.680	0.696
psSAR10g [W/kg]	0.448	0.457
Power Drift [dB]	0.00	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		15.1



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Meas.50 Body Plane with Back Side 15mm on Middle Channel in LTE Band26 mode with Antenna 4

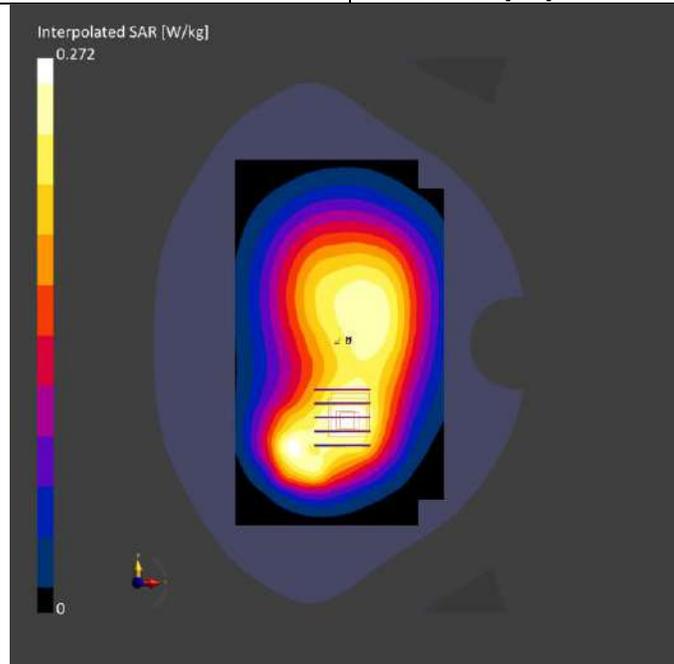
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 26	LTE-FDD, 10181-CAF	831.5, 26865	9.99	0.881	41.4	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-13	2025-05-13
psSAR1g [W/kg]	0.190	0.203
psSAR10g [W/kg]	0.130	0.147
Power Drift [dB]	-0.03	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.6
Dist 3dB Peak [mm]		> 16.0



BL-SZ2550149-ATD

Meas.51 Body Plane with Back Side 10mm on Middle Channel in LTE Band26 mode with Antenna 4

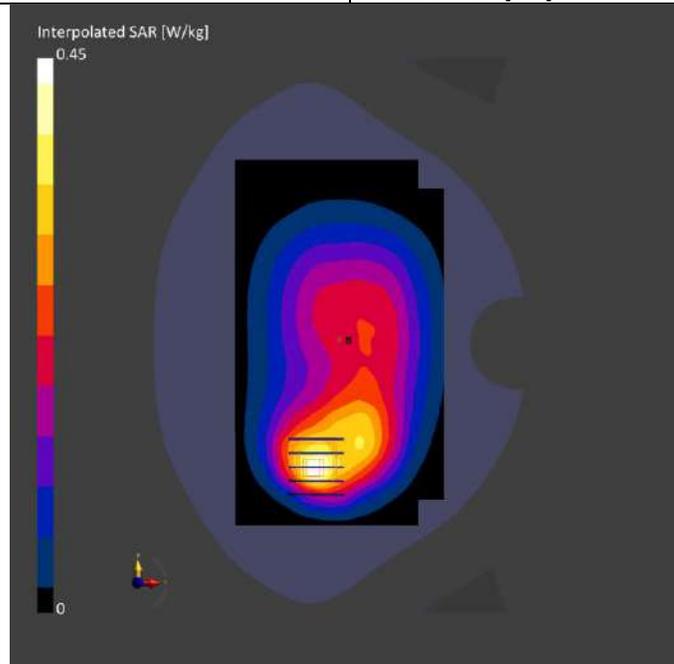
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 26	LTE-FDD, 10181-CAF	831.5, 26865	9.99	0.881	41.4	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-13	2025-05-13
psSAR1g [W/kg]	0.285	0.276
psSAR10g [W/kg]	0.181	0.167
Power Drift [dB]	0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.4
Dist 3dB Peak [mm]		12.9



BL-SZ2550149-ATD

Meas.52 Right Head with Tilt on Low Channel in LTE Band66 mode with Antenna 4

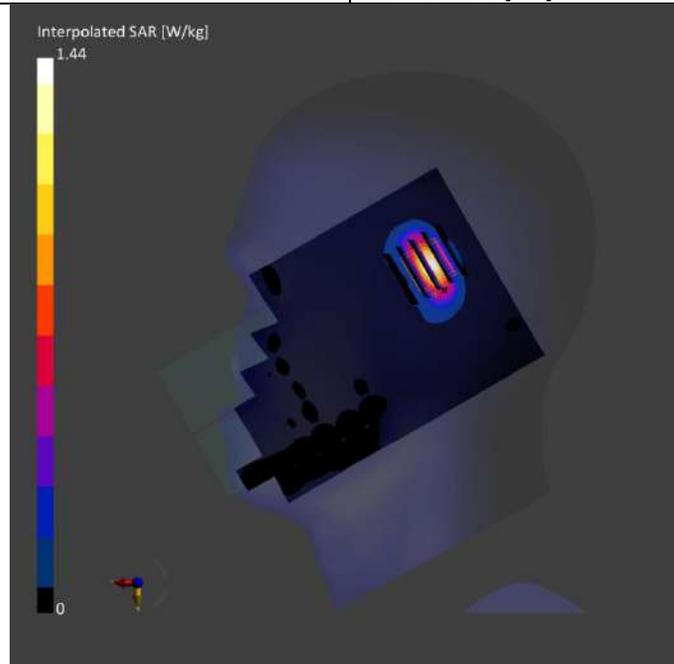
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 66	LTE-FDD, 10169-CAF	1720.0, 132072	8.67	1.32	40.9	22.2	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-22	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-22	2025-05-22
psSAR1g [W/kg]	0.809	0.870
psSAR10g [W/kg]	0.367	0.441
Power Drift [dB]	-0.06	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.4
Dist 3dB Peak [mm]		8.2



BL-SZ2550149-ATD

Meas.53 Body Plane with Back Side 15mm on High Channel in LTE Band66 mode with Antenna 1

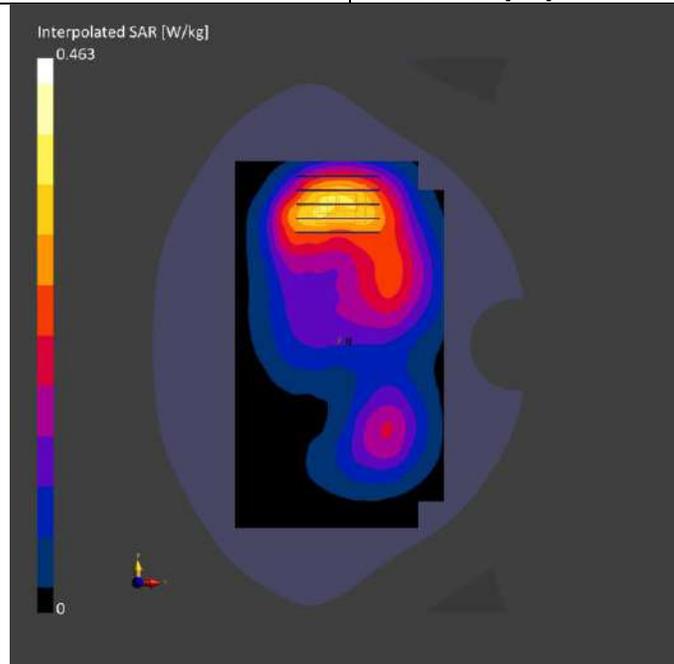
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 66	LTE-FDD, 10169-CAF	1770.0, 132572	8.67	1.42	39.2	22.2	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-22	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-22	2025-05-22
psSAR1g [W/kg]	0.302	0.316
psSAR10g [W/kg]	0.191	0.205
Power Drift [dB]	-0.01	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.3
Dist 3dB Peak [mm]		20.4



BL-SZ2550149-ATD

Meas.54 Body Plane with Top Edge 10mm on Low Channel in LTE Band66 mode with Antenna 4

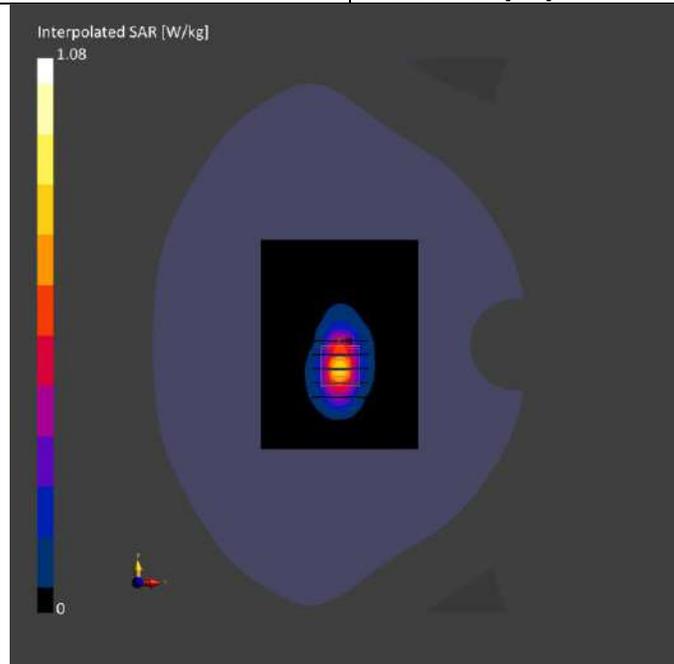
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band 66	LTE-FDD, 10169-CAF	1720.0, 132072	8.67	1.32	40.9	22.2	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-22	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-22	2025-05-22
psSAR1g [W/kg]	0.629	0.655
psSAR10g [W/kg]	0.310	0.345
Power Drift [dB]	0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.8
Dist 3dB Peak [mm]		9.6



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Meas.55 Body Plane with Top Edge 0mm on Low Channel in LTE Band66 mode with Antenna 4

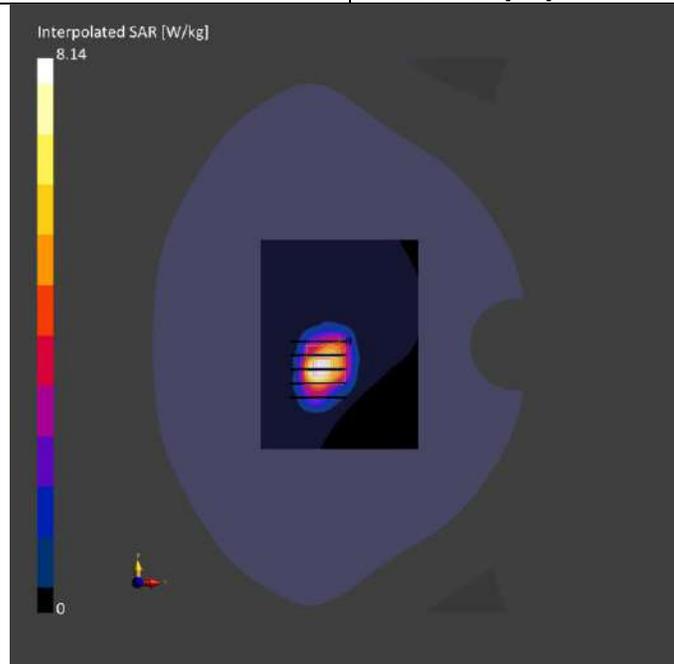
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 66	LTE-FDD, 10169-CAF	1720.0, 132072	8.67	1.32	40.9	22.2	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-22	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-22	2025-05-22
psSAR1g [W/kg]	3.10	4.65
psSAR10g [W/kg]	1.59	2.22
Power Drift [dB]	-0.10	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		42.5
Dist 3dB Peak [mm]		8.0



BL-SZ2550149-ATD

Meas.56 Right Head with Cheek on Low Channel in LTE Band71 mode with Antenna 4

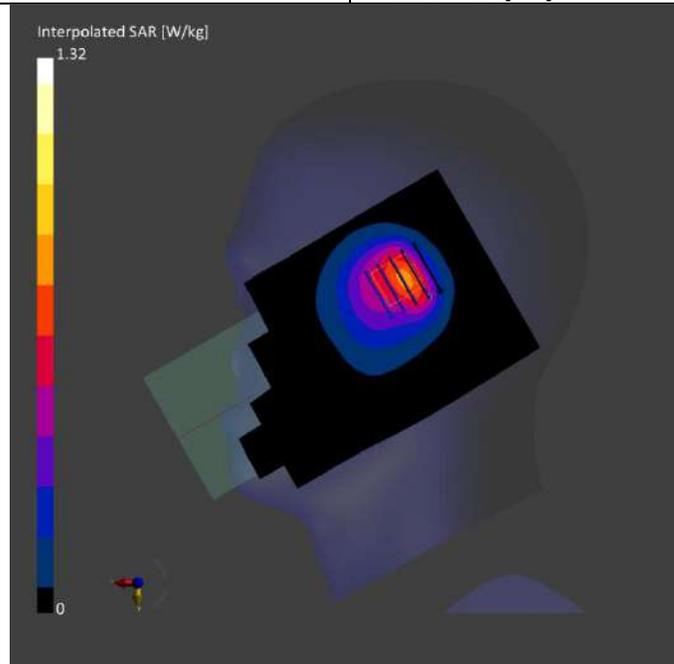
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 71	LTE-FDD, 10169-CAF	673.0, 133222	10.29	0.861	42.0	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-07	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-07	2025-05-07
psSAR1g [W/kg]	0.693	0.670
psSAR10g [W/kg]	0.448	0.413
Power Drift [dB]	-0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		44.2
Dist 3dB Peak [mm]		9.3



BL-SZ2550149-ATD

Meas.57 Body Plane with Back Side 15mm on Low Channel in LTE Band71 mode with Antenna 4

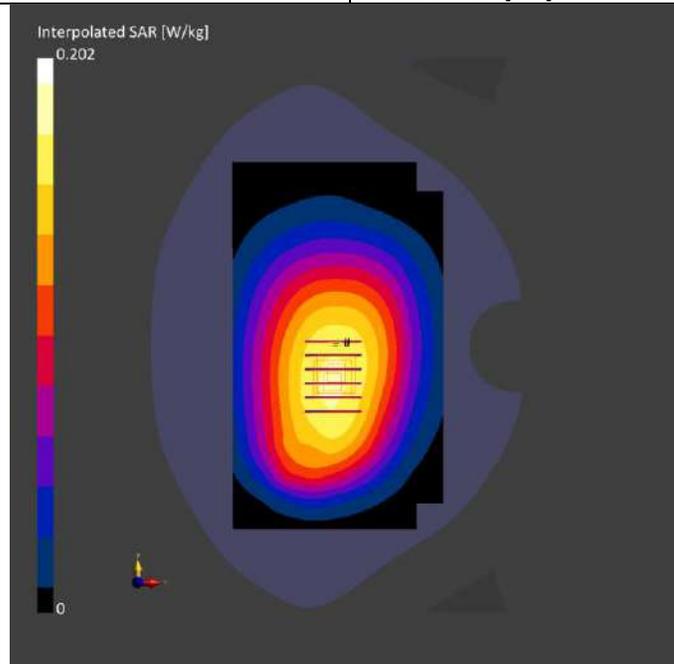
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 71	LTE-FDD, 10169-CAF	673.0, 133222	10.29	0.861	42.0	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-07	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-07	2025-05-07
psSAR1g [W/kg]	0.153	0.166
psSAR10g [W/kg]	0.110	0.130
Power Drift [dB]	-0.01	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		> 16.0



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Meas.58 Body Plane with Right Edge 10mm on Low Channel in LTE Band71 mode with Antenna 4

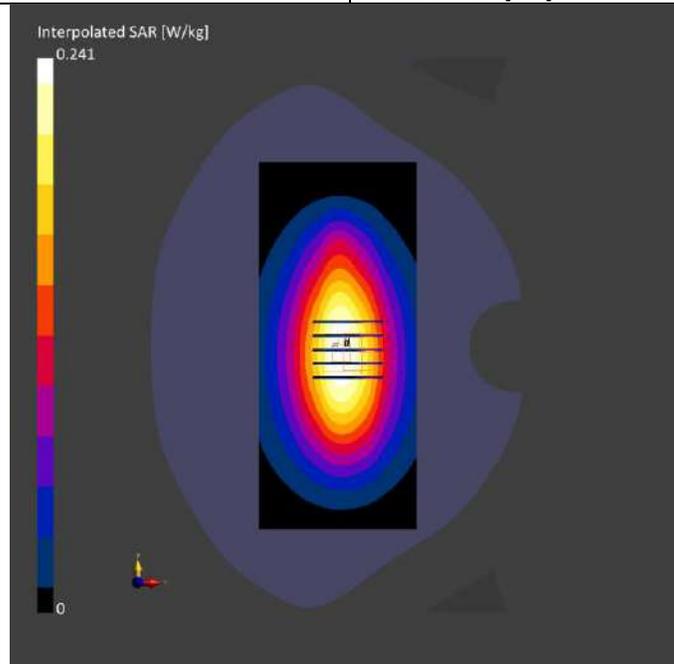
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE LEFT, 10.00	Band 71	LTE-FDD, 10169-CAF	673.0, 133222	10.29	0.861	42.0	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-07	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-07	2025-05-07
psSAR1g [W/kg]	0.213	0.136
psSAR10g [W/kg]	0.148	0.071
Power Drift [dB]	-0.01	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.4
Dist 3dB Peak [mm]		8.4



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Meas.59 Right Head with Tilt on High Channel in LTE Band38 mode with Antenna 4

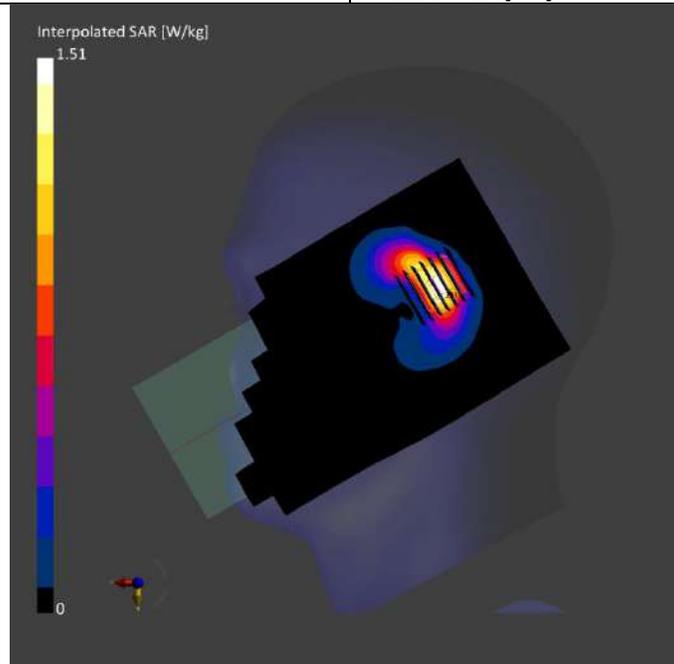
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 38	LTE-TDD, 10172-CAH	2610.0, 38150	7.06	2.01	38.0	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-03	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-03	2025-06-03
psSAR1g [W/kg]	0.563	0.755
psSAR10g [W/kg]	0.271	0.317
Power Drift [dB]	0.08	-0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.6
Dist 3dB Peak [mm]		5.9



BL-SZ2550149-ATD

Meas.60 Body Plane with Back Side 15mm on Low Channel in LTE Band38 mode with Antenna 1

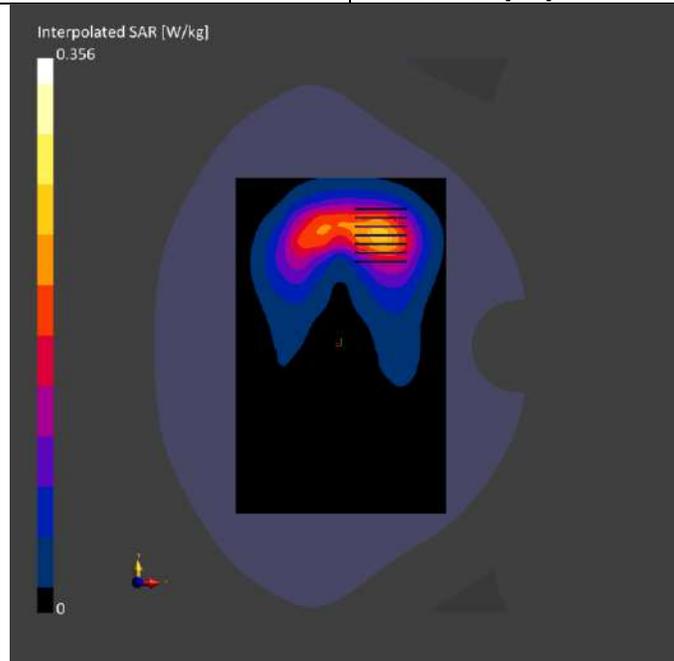
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 38	LTE-TDD, 10172-CAH	2580.0, 37850	7.06	1.91	40.1	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-03	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-03	2025-06-03
psSAR1g [W/kg]	0.206	0.211
psSAR10g [W/kg]	0.111	0.117
Power Drift [dB]	0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.5
Dist 3dB Peak [mm]		14.8



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Meas.61 Body Plane with Bottom Edge 10mm on Low Channel in LTE Band38 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 38	LTE-TDD, 10172-CAH	2580.0, 37850	7.06	1.91	40.1	22.4	21.5

Hardware Setup

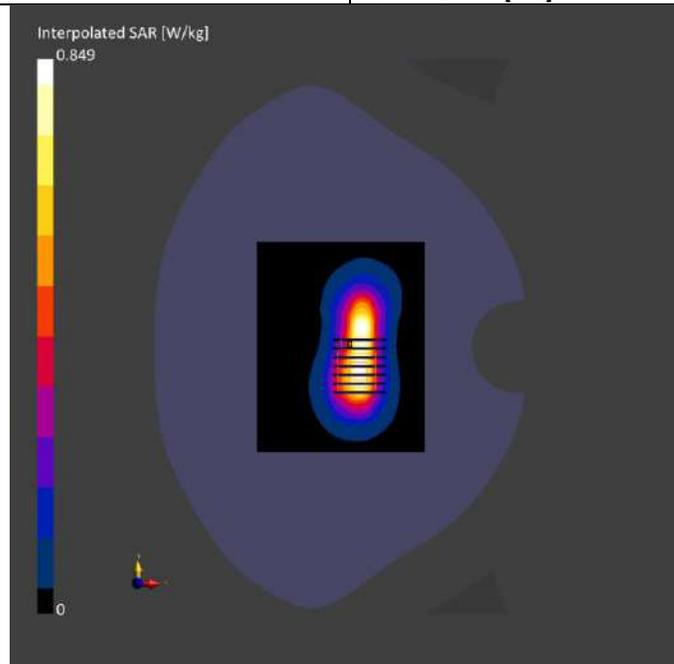
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-03	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-03	2025-06-03
psSAR1g [W/kg]	0.429	0.464
psSAR10g [W/kg]	0.210	0.231
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.4
Dist 3dB Peak [mm]		9.8



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Meas.62 Body Plane with Top Edge 10mm on Middle Channel in LTE Band38 mode with Antenna 4

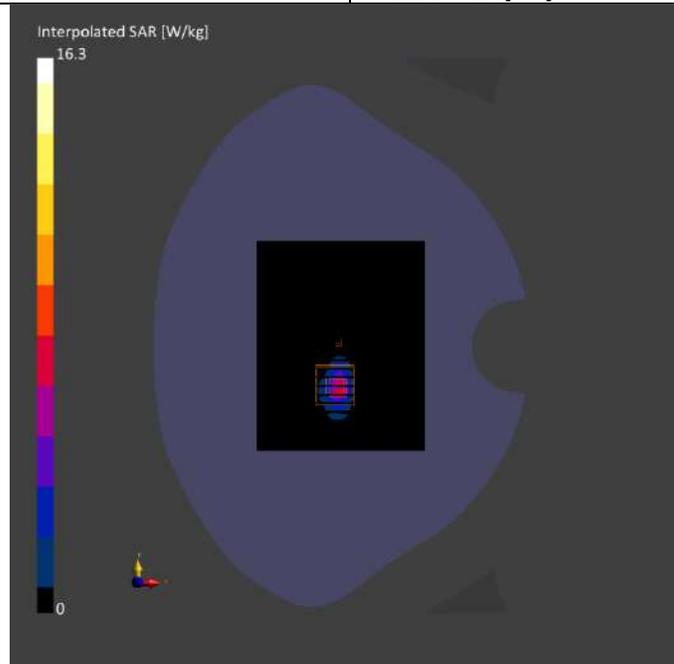
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 38	LTE-TDD, 10172-CAH	2595.0, 38000	7.06	1.95	39.3	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-03	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-03	2025-06-03
psSAR1g [W/kg]	5.16	6.14
psSAR10g [W/kg]	1.73	1.89
Power Drift [dB]	-0.10	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		35.9
Dist 3dB Peak [mm]		5.1



BL-SZ2550149-ATD

Meas.63 Right Head with Tilt on High Channel in LTE Band41 mode with Antenna 4

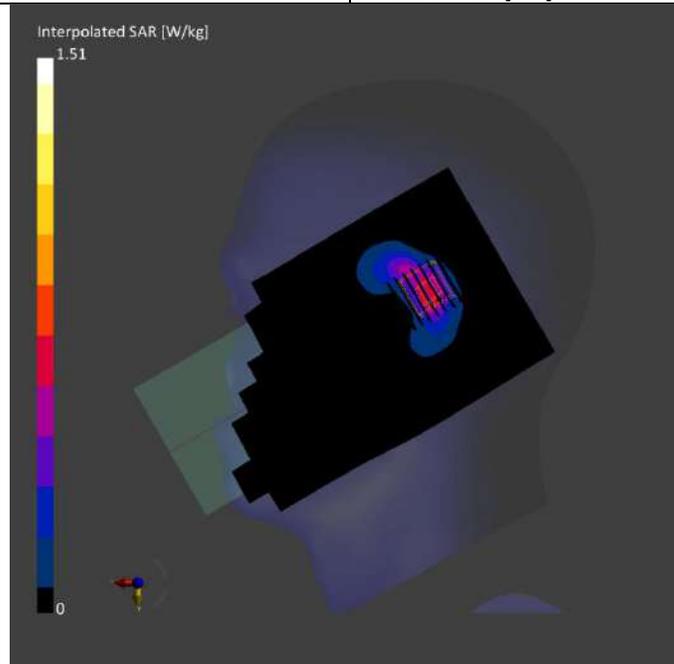
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	37.8	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.570	0.757
psSAR10g [W/kg]	0.273	0.318
Power Drift [dB]	0.17	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.2
Dist 3dB Peak [mm]		5.9



BL-SZ2550149-ATD

Meas.64 Body Plane with Back Side 15mm on Low Channel in LTE Band41 mode with Antenna 1

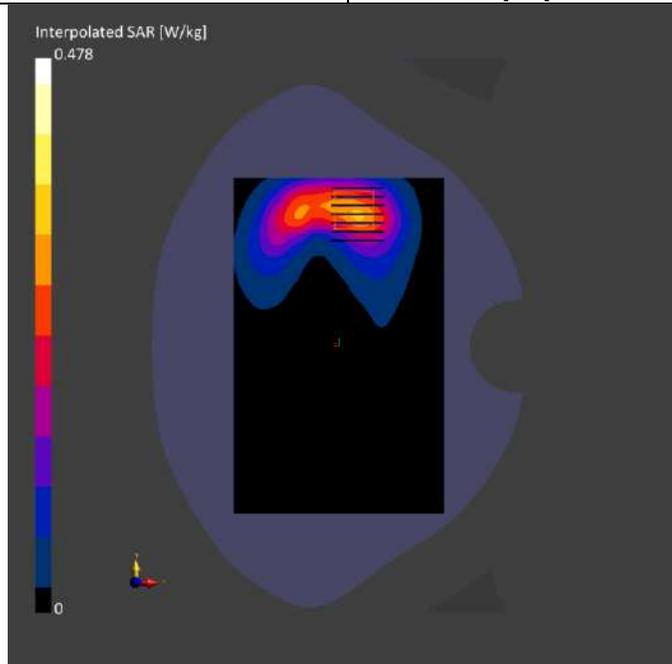
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 41	LTE-TDD, 10172-CAH	2506.0, 39750	7.06	1.86	40.4	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.261	0.278
psSAR10g [W/kg]	0.141	0.152
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.1
Dist 3dB Peak [mm]		14.3



BL-SZ2550149-ATD

Meas.65 Body Plane with Top Edge 10mm on High Channel in LTE Band41 mode with Antenna 4

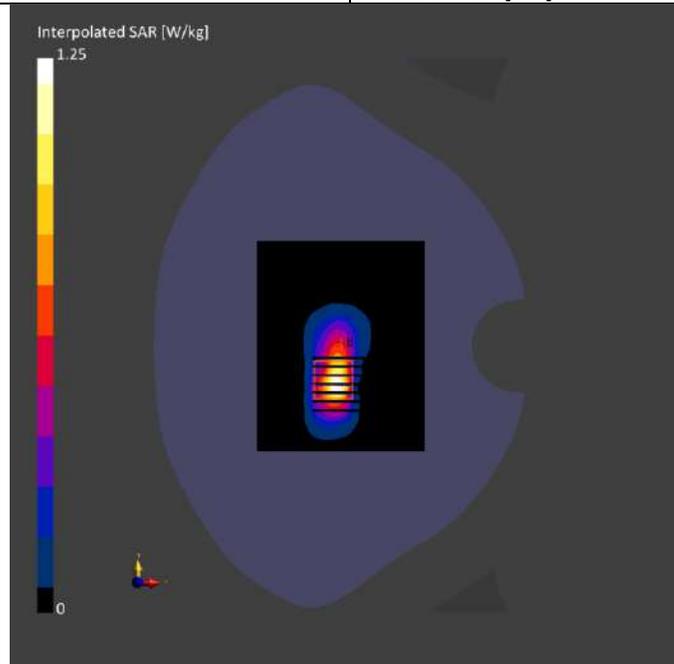
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	37.8	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	0.495	0.618
psSAR10g [W/kg]	0.216	0.248
Power Drift [dB]	0.05	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		6.3



BL-SZ2550149-ATD

Meas.66 Body Plane with Top Edge 0mm on High Channel in LTE Band41 mode with Antenna 4

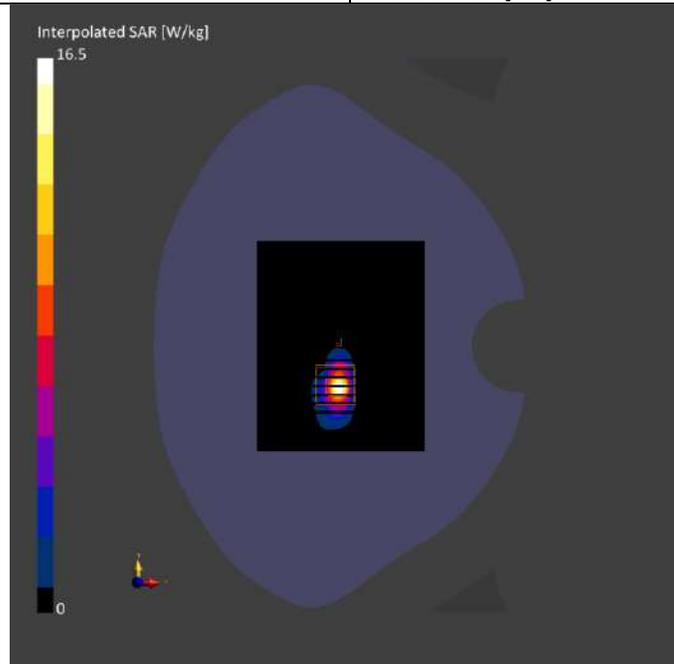
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	37.8	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-26	2025-05-26
psSAR1g [W/kg]	5.25	6.35
psSAR10g [W/kg]	1.79	1.98
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		36.8
Dist 3dB Peak [mm]		5.1



BL-SZ2550149-ATD

Meas.67 Left Head with Cheek on High Channel in LTE Band42 mode with Antenna 5

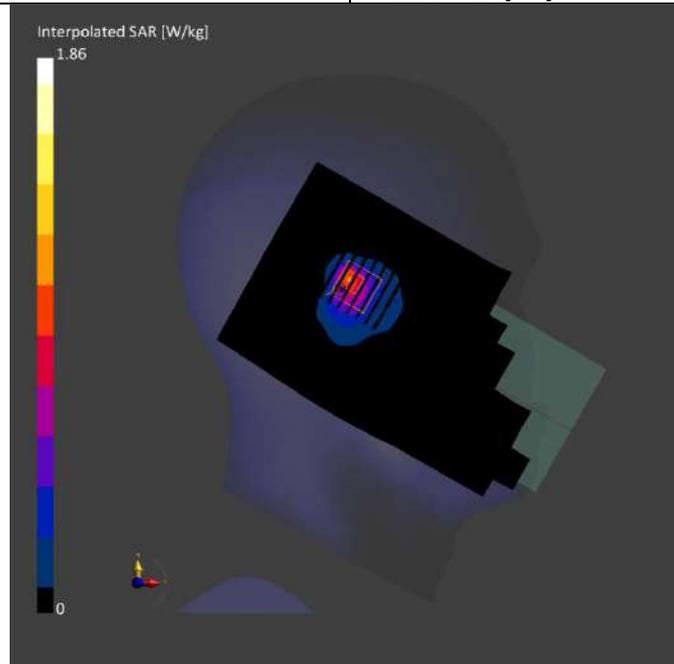
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	Band 42	LTE-TDD, 10172-CAH	3540.0, 42990	6.33	2.92	37.4	22.4	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-30	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	6.0 x 6.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	0.748	0.815
psSAR10g [W/kg]	0.310	0.347
Power Drift [dB]	0.14	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.2
Dist 3dB Peak [mm]		7.6



BL-SZ2550149-ATD

Meas.68 Body Plane with Front Side 15mm on Low Channel in LTE Band42 mode with Antenna 5

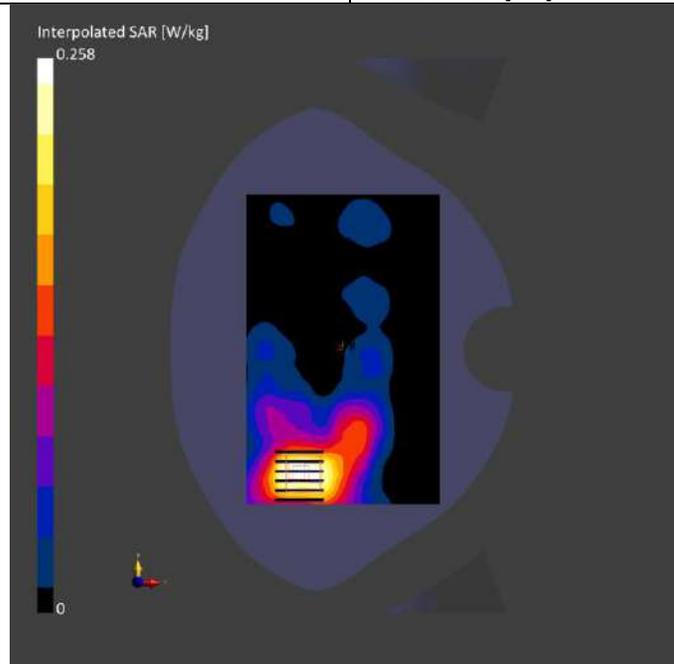
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 15.00	Band 42	LTE-TDD, 10172-CAH	3460.0, 42190	6.33	2.81	38.1	22.4	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-30	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	6.0 x 6.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	0.116	0.119
psSAR10g [W/kg]	0.059	0.059
Power Drift [dB]	-0.14	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		17.0



BL-SZ2550149-ATD

Meas.69 Body Plane with Front Side 10mm on Low Channel in LTE Band42 mode with Antenna 5

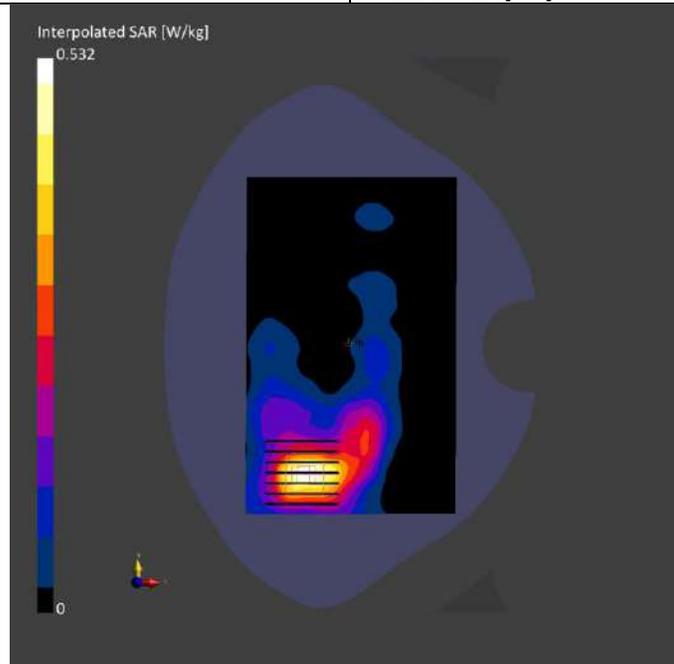
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 10.00	Band 42	LTE-TDD, 10172-CAH	3460.0, 42190	6.33	2.81	38.1	22.4	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-30	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	6.0 x 6.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-30	2025-05-30
psSAR1g [W/kg]	0.227	0.235
psSAR10g [W/kg]	0.109	0.110
Power Drift [dB]	-0.13	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		11.8



BL-SZ2550149-ATD

Meas.70 Left Head with Cheek on Middle Channel in LTE Band48 mode with Antenna 7

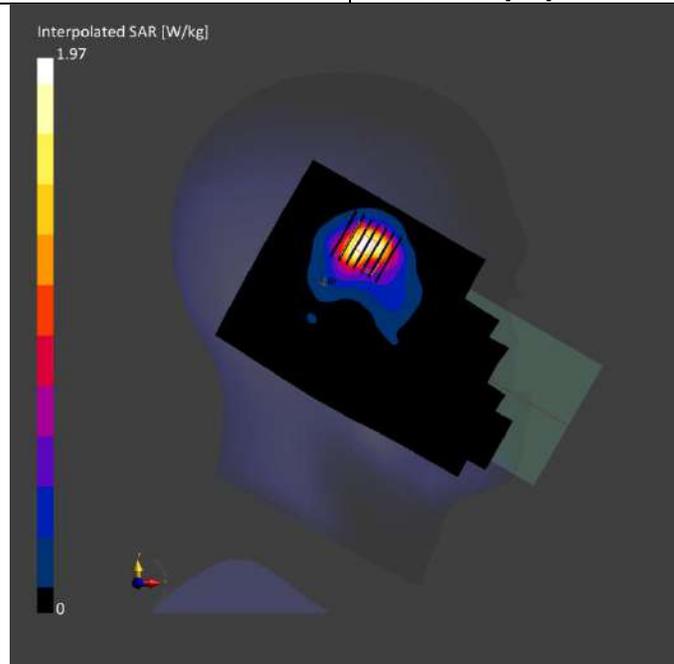
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	Band 48	LTE-TDD, 10172-CAH	3625.0, 55990	6.94	3.08	38.9	22.7	21.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-02	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-02	2025-06-02
psSAR1g [W/kg]	0.543	0.652
psSAR10g [W/kg]	0.222	0.257
Power Drift [dB]	0.17	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		44.0
Dist 3dB Peak [mm]		7.2



BL-SZ2550149-ATD

Meas.71 Body Plane with Front Side 15mm on Low Channel in LTE Band48 mode with Antenna 5

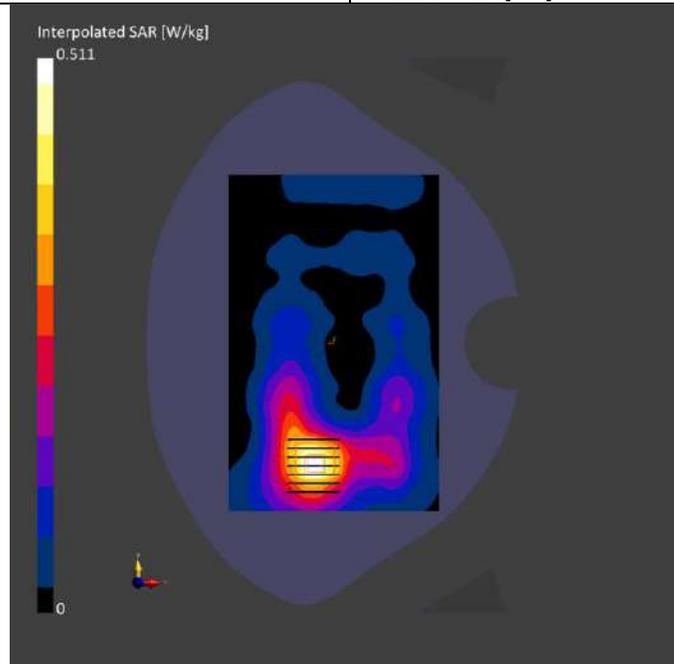
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 15.00	Band 48	LTE-TDD, 10172-CAH	3560.0, 55340	7.11	2.94	39.0	22.7	21.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-02	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-02	2025-06-02
psSAR1g [W/kg]	0.232	0.248
psSAR10g [W/kg]	0.111	0.113
Power Drift [dB]	-0.09	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		15.3



BL-SZ2550149-ATD

Meas.72 Body Plane with Right Edge 10mm on Middle Channel in LTE Band48 mode with Antenna 7

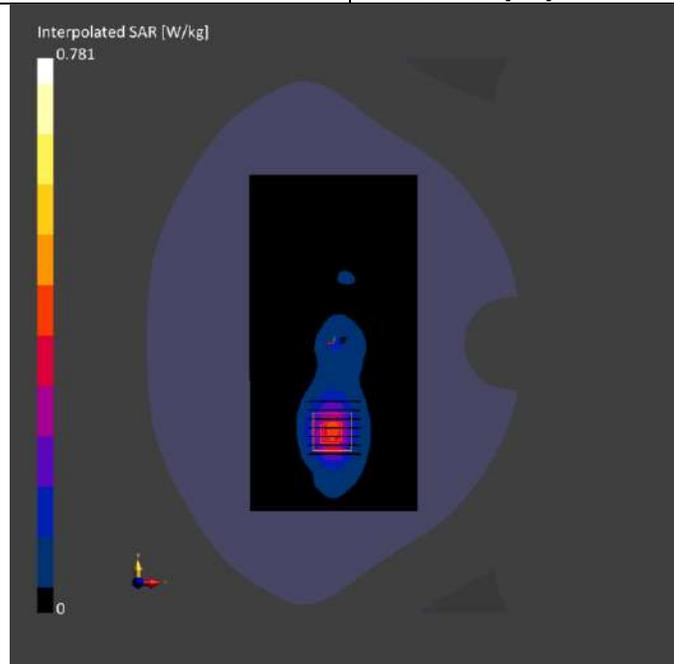
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE RIGHT, 10.00	Band 48	LTE-TDD, 10172-CAH	3625.0, 55990	6.94	3.08	38.9	22.7	21.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-02	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-02	2025-06-02
psSAR1g [W/kg]	0.316	0.381
psSAR10g [W/kg]	0.133	0.138
Power Drift [dB]	-0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.5
Dist 3dB Peak [mm]		9.5



BL-SZ2550149-ATD

Meas.73 Right Head with Tilt on 376000 Channel in NR Band2 mode with Antenna 4

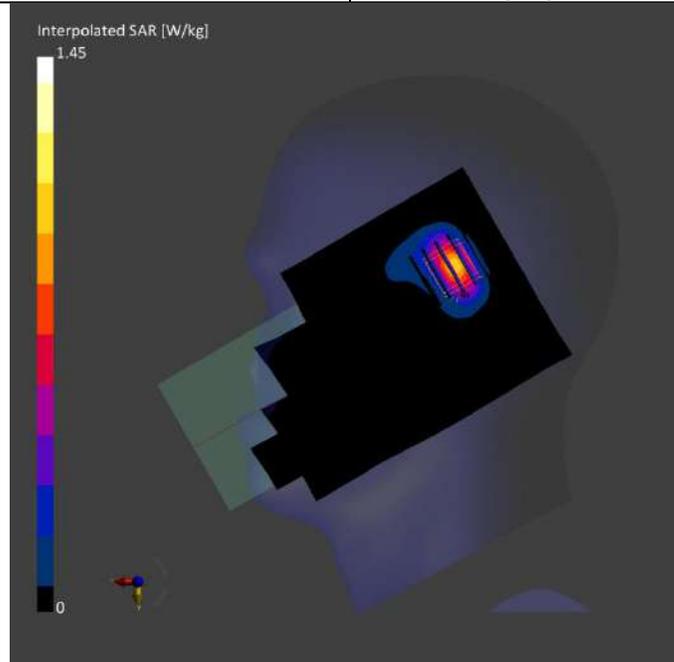
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band n2	5G NR FR1 FDD, 10931-AAC	1880.0, 376000	8.33	1.36	40.5	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-29	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-05-29	2025-05-29
psSAR1g [W/kg]	0.778	0.884
psSAR10g [W/kg]	0.367	0.459
Power Drift [dB]	-0.13	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		8.0



BL-SZ2550149-ATD

Meas.74 Body Plane with Back Side 15mm on 376000 Channel in NR Band2 mode with Antenna 4

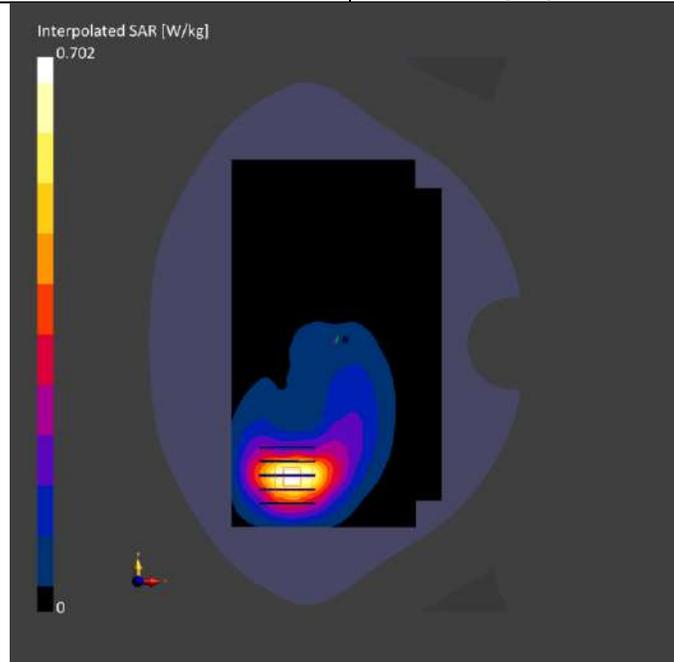
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n2	5G NR FR1 FDD, 10931-AAC	1880.0, 376000	8.33	1.36	40.5	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-29	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-29	2025-05-29	psSAR1g [W/kg]	0.430
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.239	0.272	Power Drift [dB]	0.00	0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		66.6	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		12.8				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.75 Body Plane with Top Edge 10mm on 372000 Channel in NR Band2 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band n2	5G NR FR1 FDD, 10931-AAC	1860.0, 372000	8.33	1.35	41.1	22.6	21.6

Hardware Setup

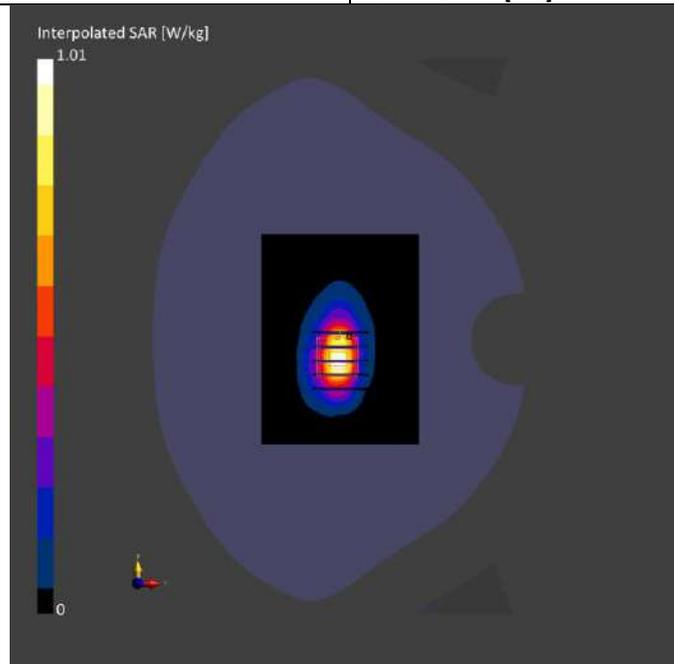
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-29	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-29	2025-05-29
psSAR1g [W/kg]	0.609	0.656
psSAR10g [W/kg]	0.305	0.365
Power Drift [dB]	-0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.7
Dist 3dB Peak [mm]		9.6



BL-SZ2550149-ATD

Meas.76 Body Plane with Top Edge 0mm on 372000 Channel in NR Band2 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n2	5G NR FR1 FDD, 10931-AAC	1860.0, 372000	8.33	1.35	41.1	22.6	21.6

Hardware Setup

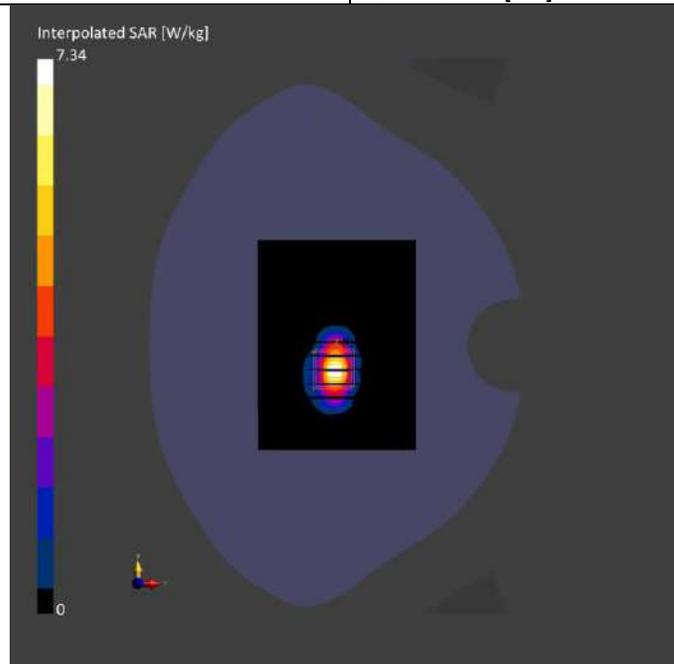
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-29	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-29	2025-05-29
psSAR1g [W/kg]	3.79	3.87
psSAR10g [W/kg]	1.69	1.79
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		8.4



BL-SZ2550149-ATD

Meas.77 Right Head with Cheek on 167800 Channel in NR Band5 mode with Antenna 4

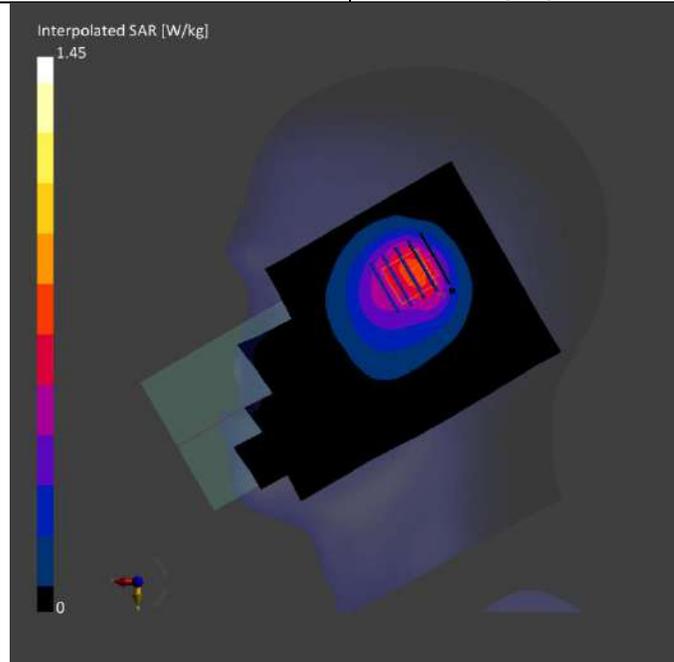
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n5	5G NR FR1 FDD, 10931-AAC	839.0, 167800	9.99	0.930	41.9	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-05-18	2025-05-18	psSAR1g [W/kg]	0.674
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.443	0.457	Power Drift [dB]	-0.03	-0.03	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		45.7	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.3				
MAIA	N/A	N/A							
Surface Detection	All points	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.78 Body Plane with Back Side 15mm on 167300 Channel in NR Band5 mode with Antenna 4

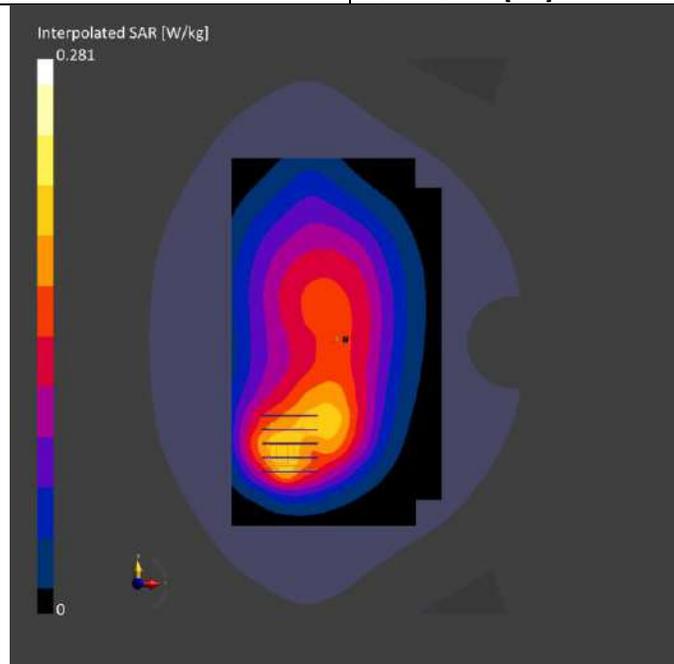
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.5, 167300	9.99	0.889	42.1	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-18	2025-05-18	psSAR1g [W/kg]	0.180
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.123	0.120	Power Drift [dB]	-0.02	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		63.5	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		> 16.0				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.79 Body Plane with Back Side 10mm on 166800 Channel in NR Band5 mode with Antenna 4

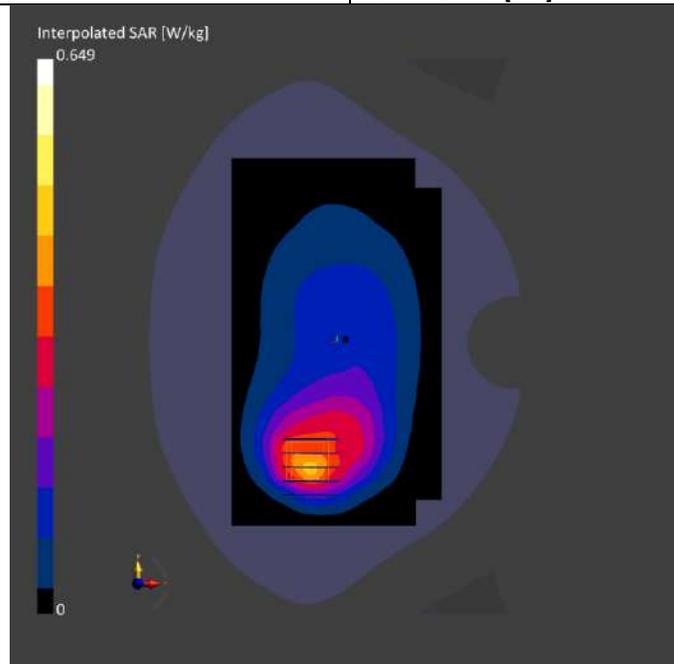
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n5	5G NR FR1 FDD, 10931-AAC	834.0, 166800	9.99	0.876	42.7	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-18	2025-05-18	psSAR1g [W/kg]	0.381
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.247	0.231	Power Drift [dB]	-0.02	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		57.4	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.3				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.80 Right Head with Tilt on 502000 Channel in NR Band7 mode with Antenna 4

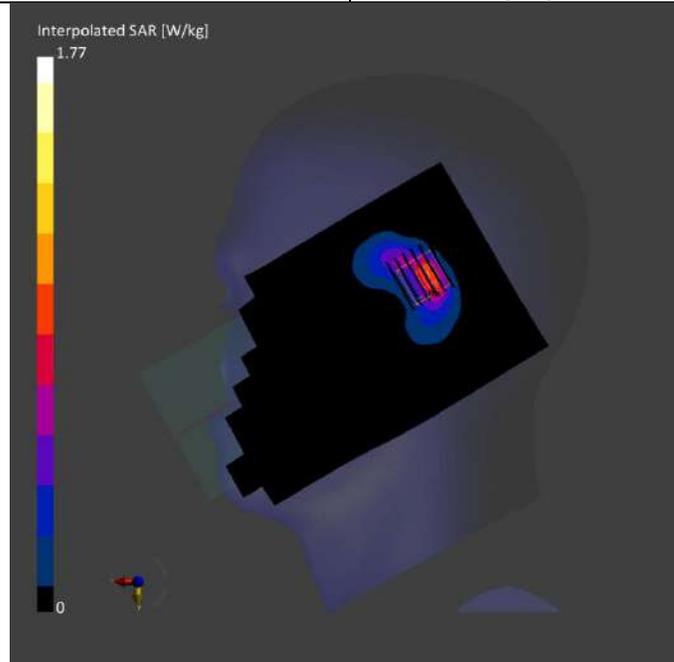
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band n7	5G NR FR1 FDD, 10935-AAD	2510.0, 502000	7.75	1.89	40.2	22.5	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-01	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date		2025-06-01	2025-06-01	psSAR1g [W/kg]	0.757
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	0.340	0.400	Power Drift [dB]	-0.03	0.03	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		56.3	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		6.4				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.81 Body Plane with Back Side 15mm on 502000 Channel in NR Band7 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n7	5G NR FR1 FDD, 10935-AAD	2510.0, 502000	7.75	1.89	40.2	22.5	21.7

Hardware Setup

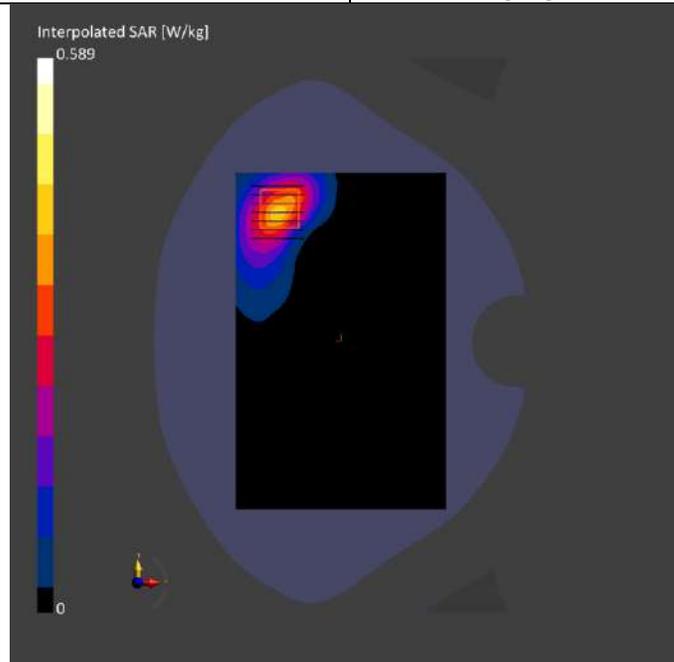
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-01	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-01	2025-06-01
psSAR1g [W/kg]	0.330	0.341
psSAR10g [W/kg]	0.171	0.183
Power Drift [dB]	0.03	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.1
Dist 3dB Peak [mm]		10.0



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Meas.82 Body Plane with Bottom Edge 10mm on 502000 Channel in NR Band7 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n7	5G NR FR1 FDD, 10934-AAC	2510.0, 502000	7.75	1.89	40.2	22.5	21.7

Hardware Setup

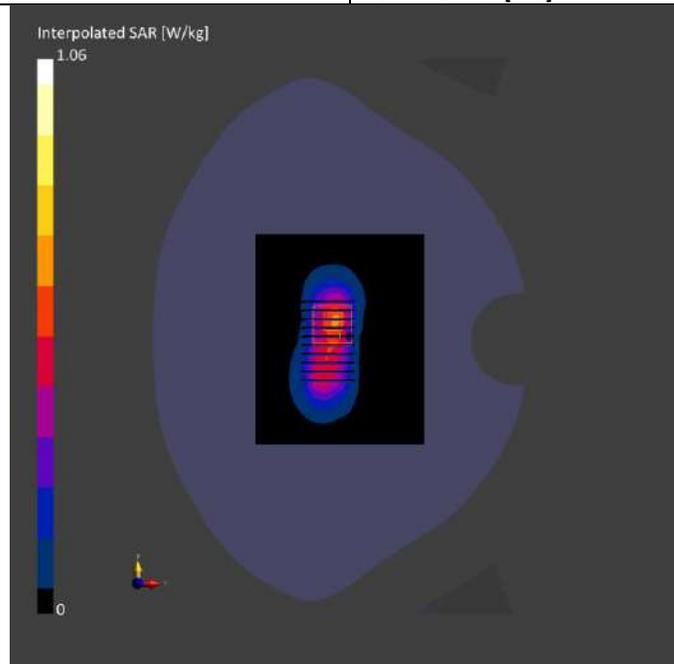
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-01	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-01	2025-06-01
psSAR1g [W/kg]	0.503	0.595
psSAR10g [W/kg]	0.249	0.302
Power Drift [dB]	-0.08	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.6
Dist 3dB Peak [mm]		9.0



BL-SZ2550149-ATD

Meas.83 Body Plane with Top Edge 0mm on 512000 Channel in NR Band7 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n7	5G NR FR1 FDD, 10934-AAC	2560.0, 512000	7.75	1.91	39.9	22.5	21.7

Hardware Setup

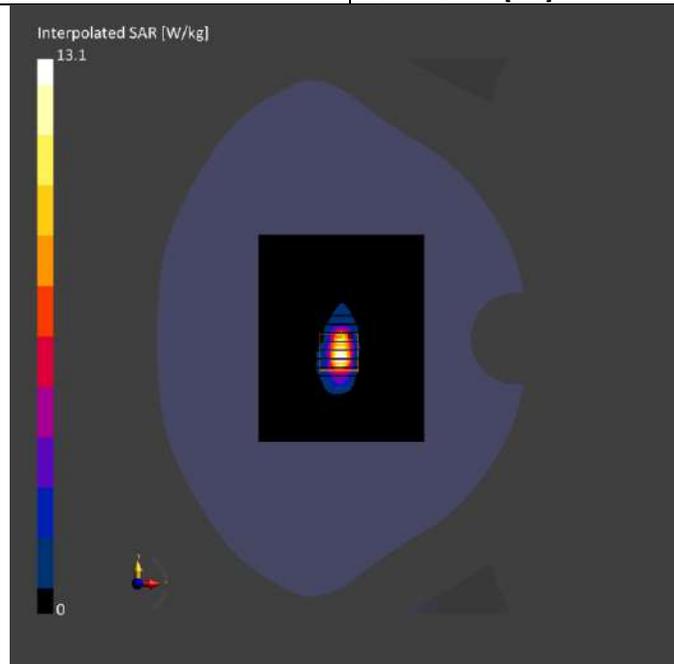
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-01	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-01	2025-06-01
psSAR1g [W/kg]	5.21	5.69
psSAR10g [W/kg]	1.86	2.09
Power Drift [dB]	-0.04	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.3
Dist 3dB Peak [mm]		5.0



BL-SZ2550149-ATD

Meas.84 Right Head with Cheek on 141500 Channel in NR Band12 mode with Antenna 4

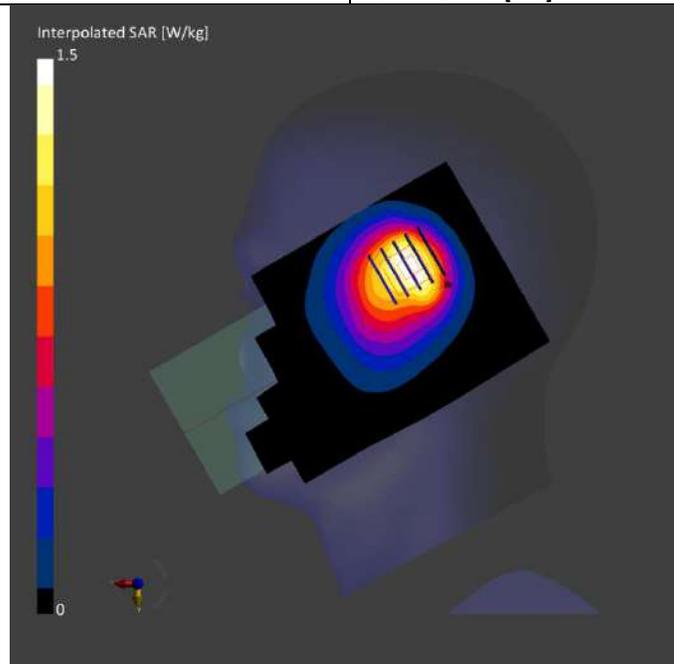
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n12	5G NR FR1 FDD, 10930-AAC	707.5, 141500	10.29	0.905	41.3	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-12	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-05-12	2025-05-12	psSAR1g [W/kg]	0.787
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.528	0.519	Power Drift [dB]	0.00	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		49.8	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.5				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.85 Body Plane with Back Side 15mm on 141500 Channel in NR Band12 mode with Antenna 4

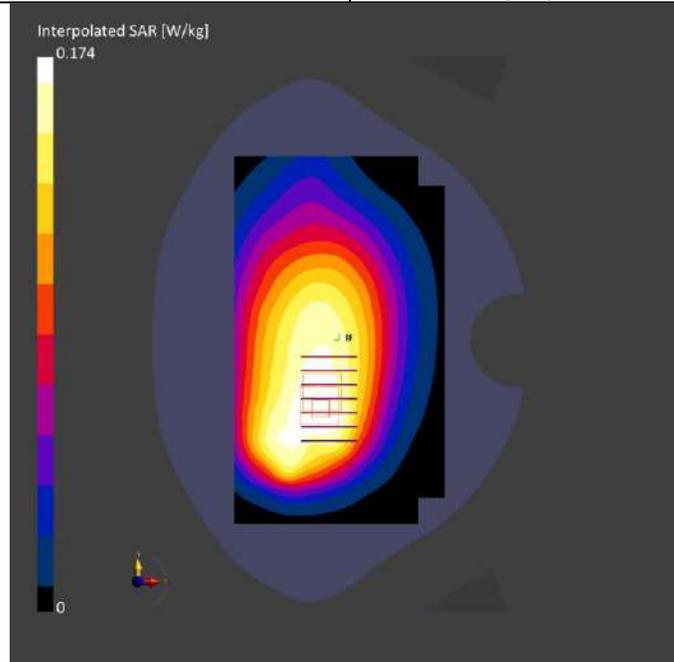
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n12	5G NR FR1 FDD, 10930-AAC	707.5, 141500	10.29	0.905	41.3	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-12	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-12	2025-05-12	psSAR1g [W/kg]	0.126
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.090	0.106	Power Drift [dB]	-0.04	0.03	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		77.0	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		> 16.0				
MAIA	Y	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



Meas.86 Body Plane with Back Side 10mm on 141500 Channel in NR Band12 mode with Antenna 4

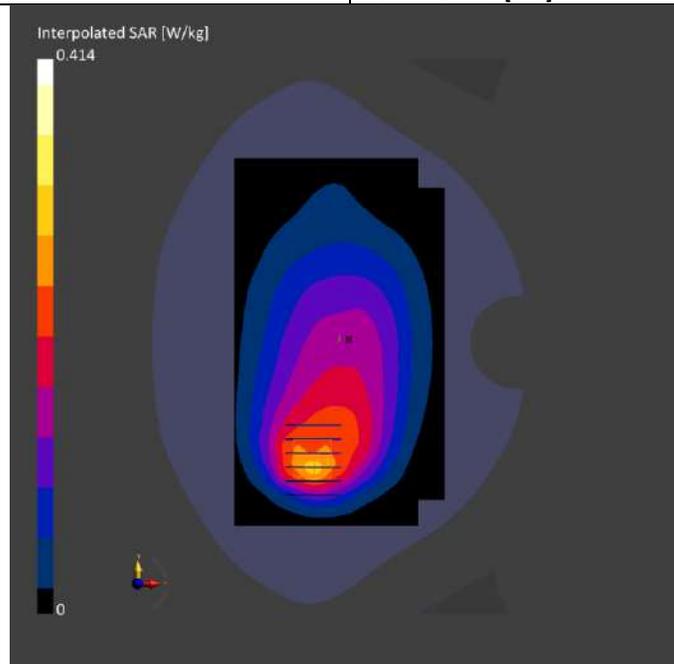
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n12	5G NR FR1 FDD, 10930-AAC	707.5, 141500	10.29	0.905	41.3	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-12	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-12	2025-05-12	psSAR1g [W/kg]	0.246
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.165	0.152	Power Drift [dB]	-0.04	-0.02	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		57.2	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		12.5				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.87 Right Head with Cheek on 166300 Channel in NR Band26 mode with Antenna 4

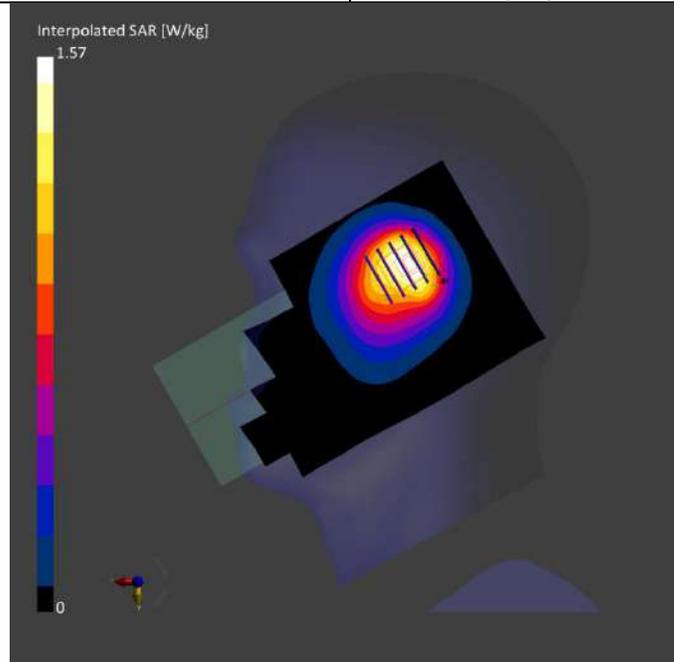
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n26	5G NR FR1 FDD, 10931-AAC	831.5, 166300	9.99	0.878	42.1	22.2	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-14	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-05-14	2025-05-14	psSAR1g [W/kg]	0.893
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.590	0.605	Power Drift [dB]	0.08	-0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		58.0	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		15.1				
MAIA	N/A	N/A							
Surface Detection	All points	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.88 Body Plane with Back Side 15mm on 166300 Channel in NR Band26 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n26	5G NR FR1 FDD, 10931-AAC	831.5, 166300	9.99	0.878	42.1	22.2	21.2

Hardware Setup

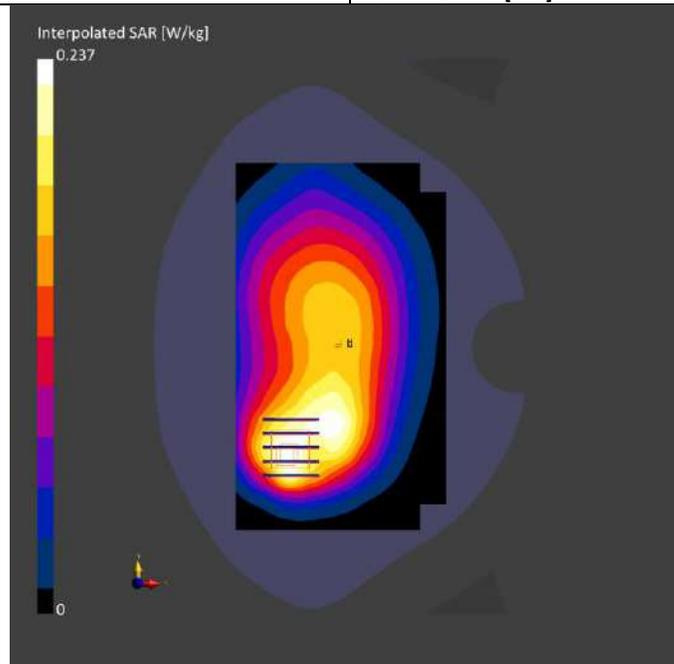
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-14	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-14	2025-05-14
psSAR1g [W/kg]	0.154	0.155
psSAR10g [W/kg]	0.105	0.101
Power Drift [dB]	0.05	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.1
Dist 3dB Peak [mm]		14.8



BL-SZ2550149-ATD

Meas.89 Body Plane with Back Side 10mm on 164800 Channel in NR Band26 mode with Antenna 4

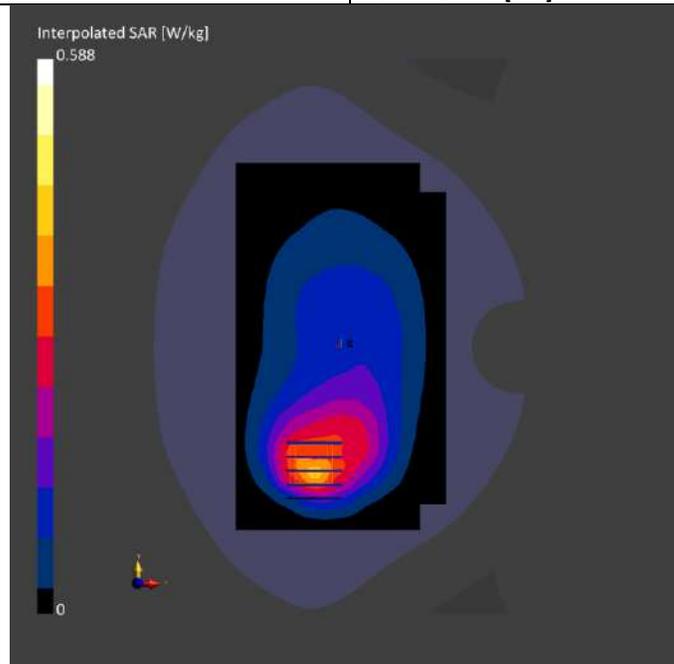
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n26	5G NR FR1 FDD, 10931-AAC	824.0, 164800	9.99	0.875	42.4	22.2	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-14	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-14	2025-05-14	psSAR1g [W/kg]	0.345
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.225	0.211	Power Drift [dB]	0.02	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		57.7	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.3				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.90 Right Head with Cheek on 346000 Channel in NR Band66 mode with Antenna 4

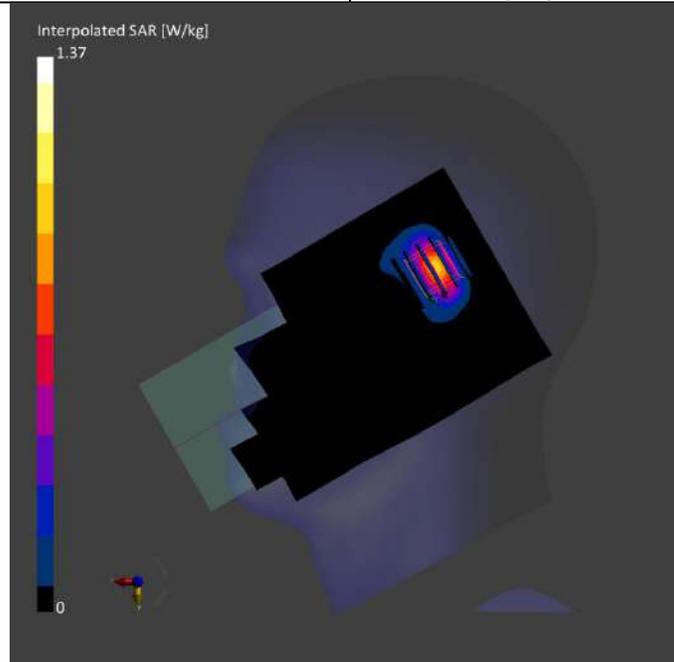
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n66	5G NR FR1 FDD, 10934-AAC	1730.0, 346000	8.67	1.37	41.2	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-05-24	2025-05-24	psSAR1g [W/kg]	0.720
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.343	0.443	Power Drift [dB]	-0.18	0.03	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		65.2	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		8.0				
MAIA	N/A	N/A							
Surface Detection	All points	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.91 Body Plane with Back Side 15mm on 349000 Channel in NR Band66 mode with Antenna 4

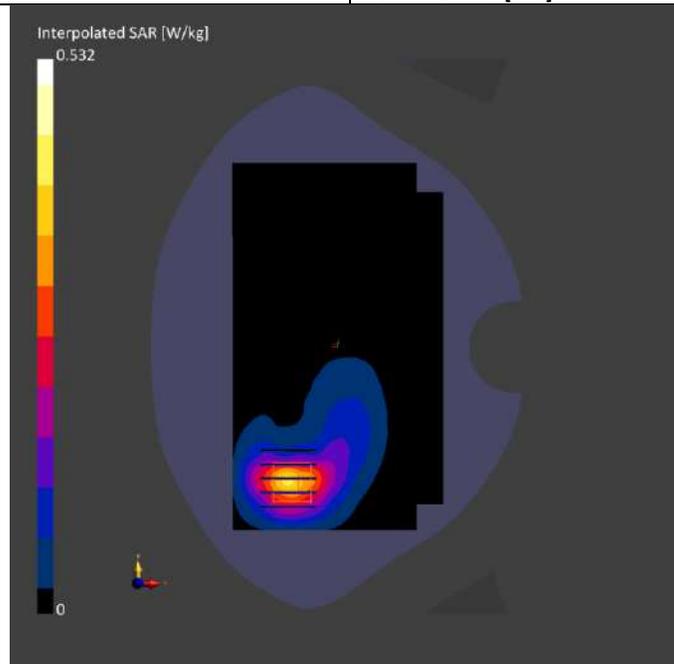
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.0, 349000	8.67	1.38	40.7	22.3	21.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-24	2025-05-24	psSAR1g [W/kg]	0.333
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.186	0.211	Power Drift [dB]	-0.04	0.02	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		67.7	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		12.8				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.92 Body Plane with Bottom Edge 10mm on 352000 Channel in NR Band66 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n66	5G NR FR1 FDD, 10934-AAC	1760.0, 352000	8.67	1.42	39.2	22.3	21.4

Hardware Setup

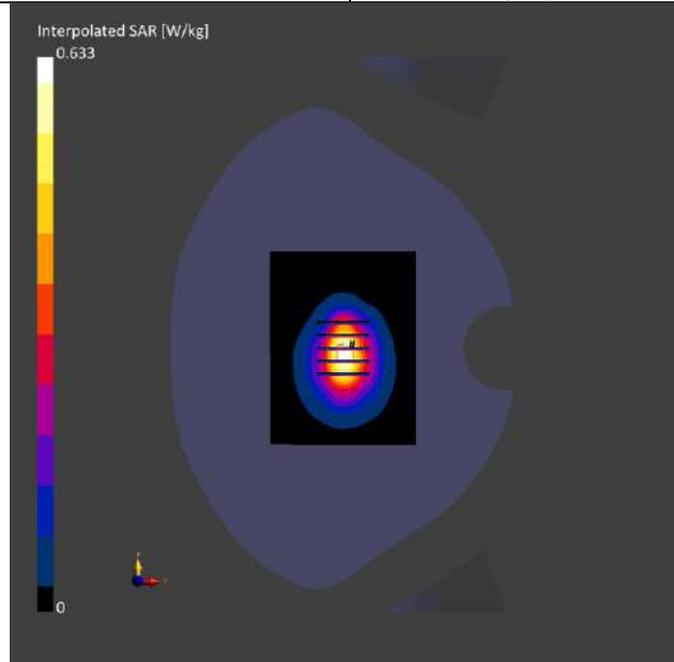
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-24	2025-05-24
psSAR1g [W/kg]	0.406	0.439
psSAR10g [W/kg]	0.223	0.246
Power Drift [dB]	0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.1
Dist 3dB Peak [mm]		12.8



BL-SZ2550149-ATD

Meas.93 Body Plane with Top Edge 0mm on 349000 Channel in NR Band66 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.0, 349000	8.67	1.38	40.7	22.3	21.4

Hardware Setup

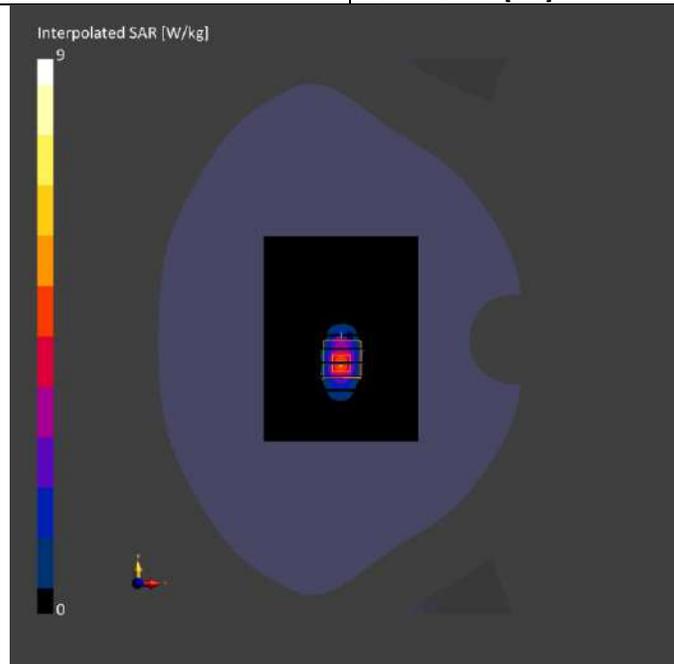
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-24	2025-05-24
psSAR1g [W/kg]	3.91	4.30
psSAR10g [W/kg]	1.68	1.86
Power Drift [dB]	-0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		47.7
Dist 3dB Peak [mm]		8.4



BL-SZ2550149-ATD

Meas.94 Right Head with Cheek on 136100 Channel in NR Band71 mode with Antenna 4

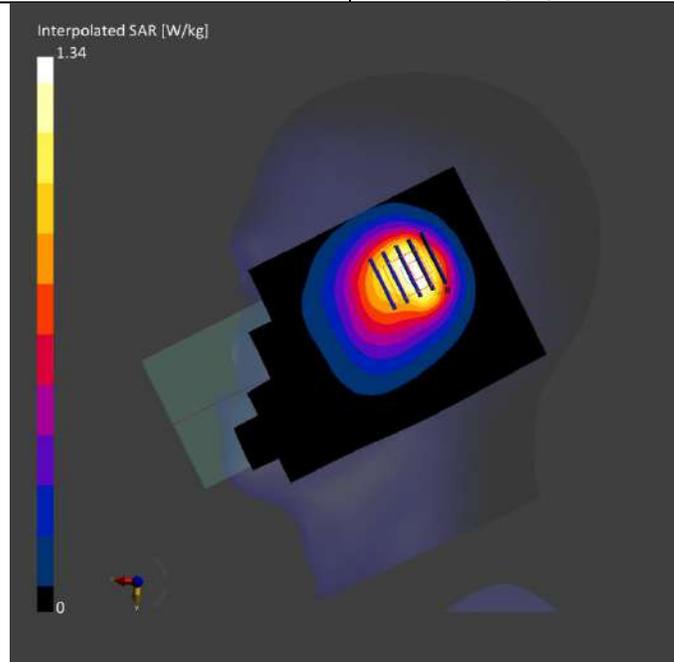
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	10.29	0.862	43.3	22.2	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-08	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-05-08	2025-05-08	psSAR1g [W/kg]	0.649
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.437	0.423	Power Drift [dB]	-0.01	-0.11	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		46.8	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.2				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.95 Body Plane with Back Side 15mm on 136100 Channel in NR Band71 mode with Antenna 4

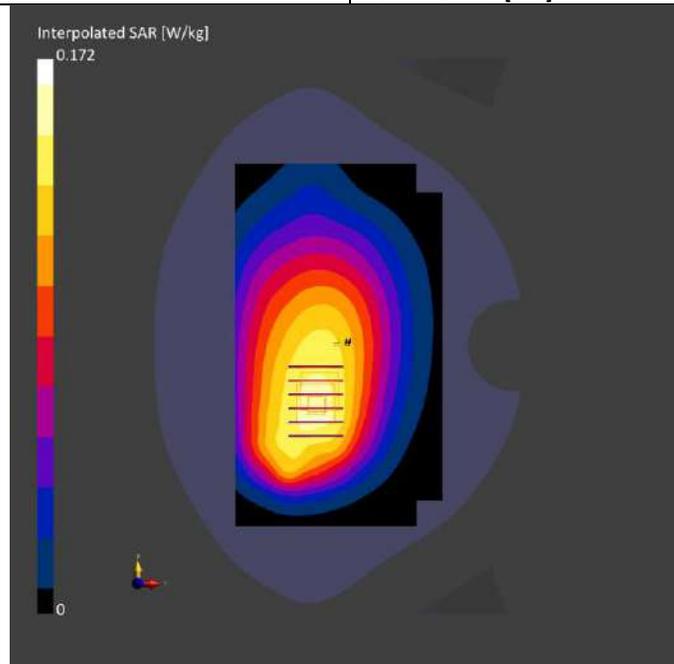
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	10.29	0.862	43.3	22.2	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-08	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-08	2025-05-08	2025-05-08	psSAR1g [W/kg]
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.096	0.110	Power Drift [dB]	-0.04	0.02	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	79.7		
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	> 16.0					
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.96 Body Plane with Back Side 10mm on 136100 Channel in NR Band71 mode with Antenna 4

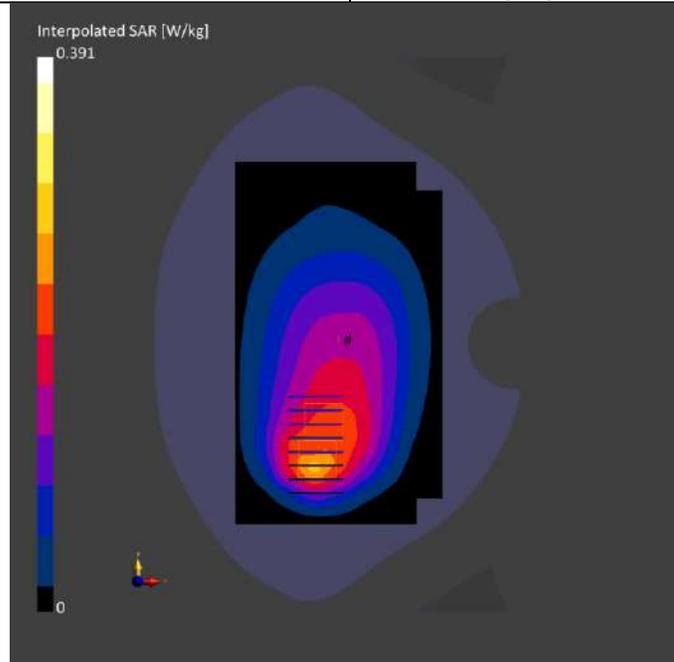
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	10.29	0.862	43.3	22.2	21.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-08	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-05-08	2025-05-08	psSAR1g [W/kg]	0.227
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.152	0.143	Power Drift [dB]	-0.01	0.03	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		55.0	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		12.5				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.97 Right Head with Tilt on 520000 Channel in NR Band38 mode with Antenna 4

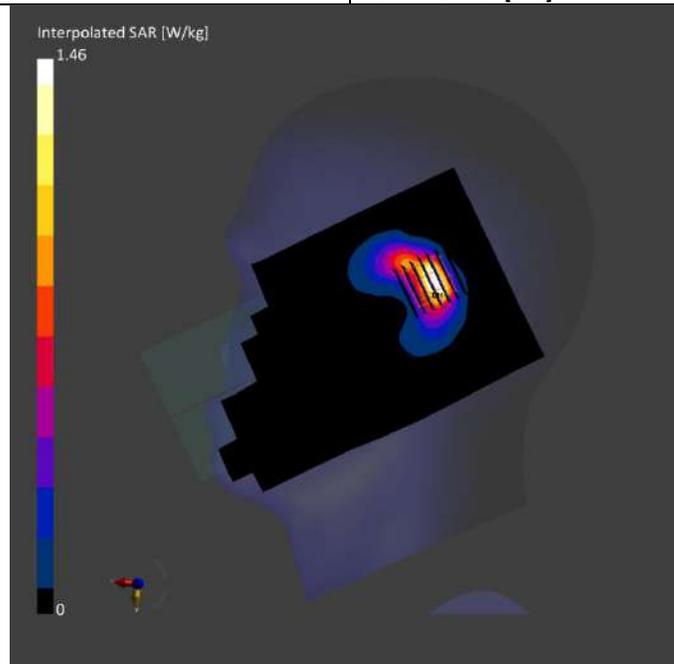
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band n38	5G NR FR1 TDD, 10903-AAD	2600.0, 520000	7.06	1.96	38.6	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-24	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date		2025-05-24	2025-05-24	psSAR1g [W/kg]	0.626
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	0.284	0.367	Power Drift [dB]	0.11	0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		60.3	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		7.0				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.98 Body Plane with Back Side 15mm on 519000 Channel in NR Band38 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n38	5G NR FR1 TDD, 10903-AAD	2595.0, 519000	7.06	1.95	38.7	22.4	21.6

Hardware Setup

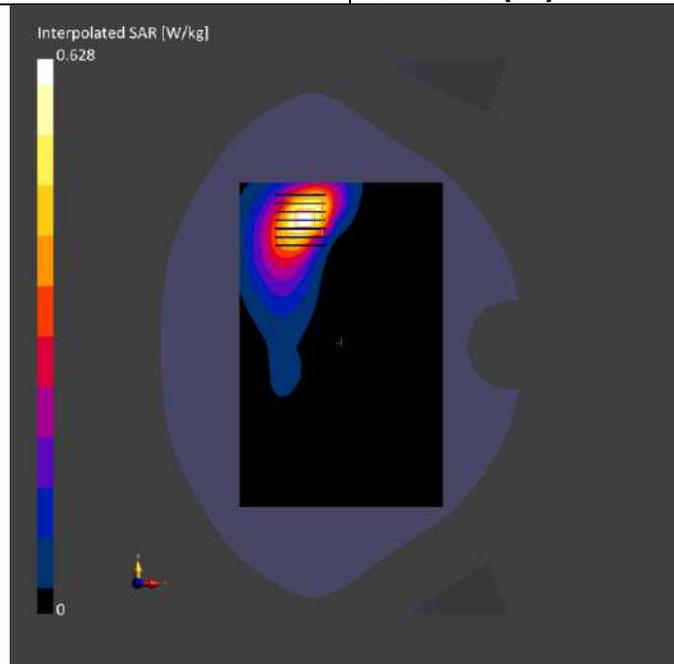
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-24	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-24	2025-05-24
psSAR1g [W/kg]	0.352	0.361
psSAR10g [W/kg]	0.182	0.193
Power Drift [dB]	-0.01	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.8
Dist 3dB Peak [mm]		10.6



BL-SZ2550149-ATD

Meas.99 Body Plane with Bottom Edge 10mm on 518000 Channel in NR Band38 mode with Antenna 1

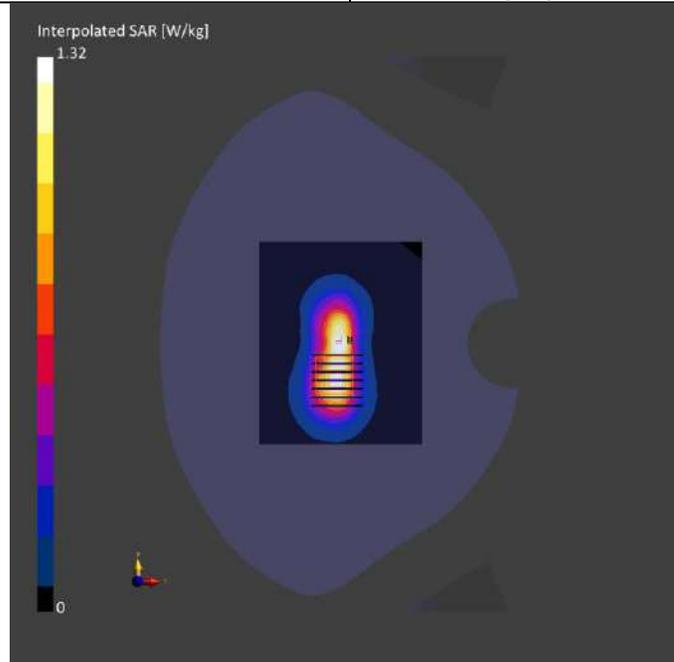
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n38	5G NR FR1 TDD, 10903-AAD	2590.0, 518000	7.06	1.91	39.5	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-24	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date		2025-05-24	2025-05-24	psSAR1g [W/kg]	0.686
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	0.342	0.369	Power Drift [dB]	0.01	0.09	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		54.8	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.0				
MAIA	N/A	N/A							
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



Meas.100 Body Plane with Bottom Edge 0mm on 519000 Channel in NR Band38 mode with Antenna 1

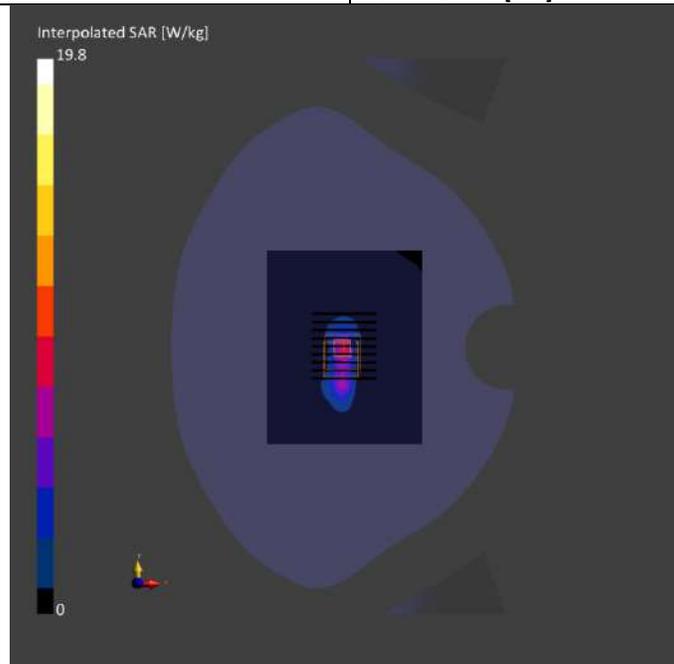
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n38	5G NR FR1 TDD, 10797-AAF	2595.0, 519000	7.06	1.95	38.7	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-24	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date		2025-05-24	2025-05-24	psSAR1g [W/kg]	6.56
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	2.45	2.27	Power Drift [dB]	-0.03	0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		35.2	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		5.0				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.101 Right Head with Tilt on 518598 Channel in NR Band41 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	TILT, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2593.0, 518598	7.06	1.93	39.3	22.4	21.6

Hardware Setup

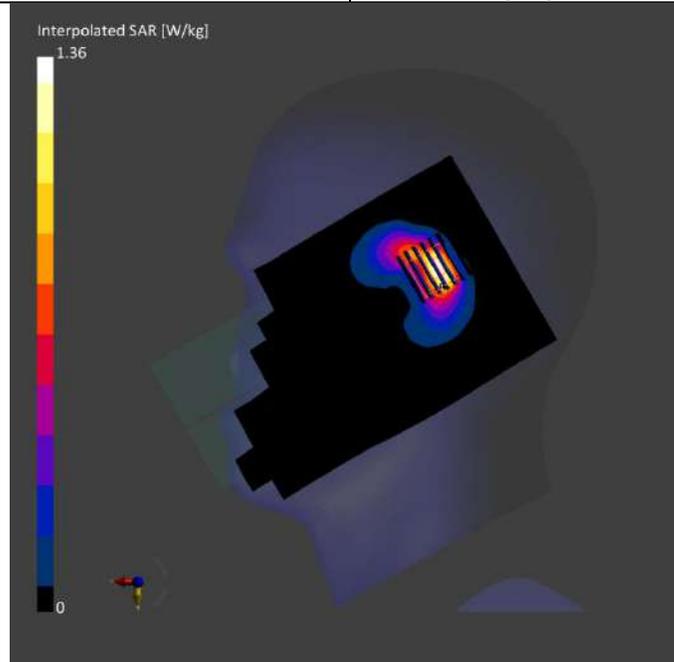
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-28	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-28	2025-05-28
psSAR1g [W/kg]	0.526	0.746
psSAR10g [W/kg]	0.239	0.334
Power Drift [dB]	0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.0
Dist 3dB Peak [mm]		6.0



BL-SZ2550149-ATD

Meas.102 Body Plane with Back Side 15mm on 518598 Channel in NR Band41 mode with Antenna 4

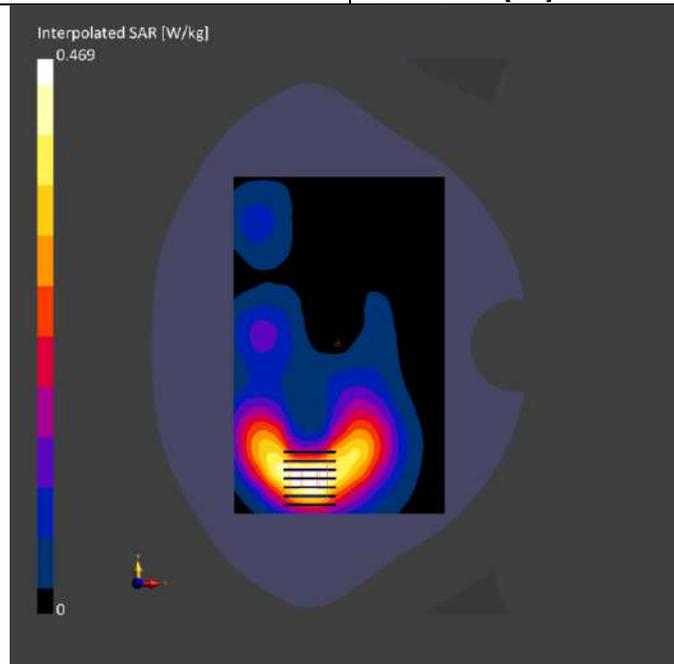
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n41	5G NR FR1 TDD, 10866-AAF	2593.0, 518598	7.06	1.93	39.3	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-28	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date		2025-05-28	2025-05-28	psSAR1g [W/kg]	0.265
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	0.143	0.153	Power Drift [dB]	-0.04	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		59.3	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		13.0				
MAIA	Y	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



Meas.103 Body Plane with Bottom Edge 10mm on 513900 Channel in NR Band41 mode with Antenna 1

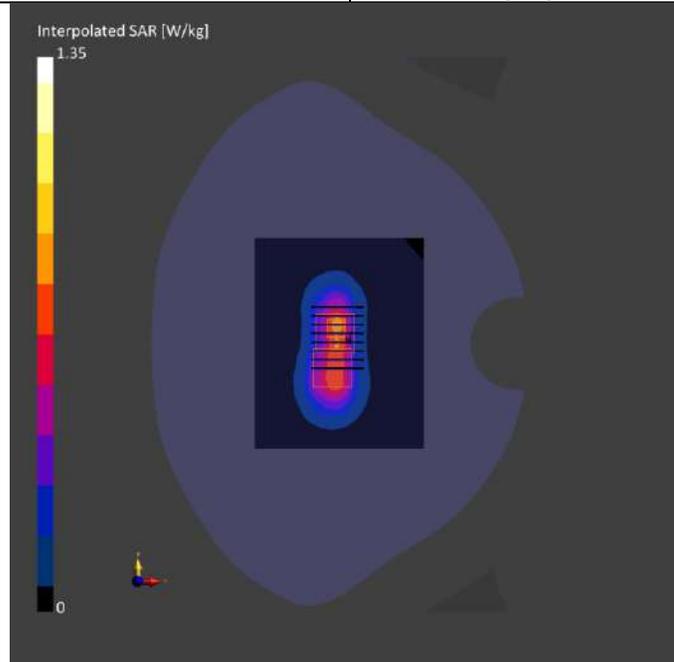
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n41	5G NR FR1 TDD, 10866-AAF	2569.5, 513900	7.06	1.91	39.4	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-28	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date		2025-05-28	2025-05-28	psSAR1g [W/kg]	0.646
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	0.318	0.340	Power Drift [dB]	-0.05	0.03	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		51.7	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		9.0				
MAIA	N/A	N/A							
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.104 Body Plane with Top Edge 0mm on 518598 Channel in NR Band41 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2593.0, 518598	7.06	1.93	39.3	22.4	21.6

Hardware Setup

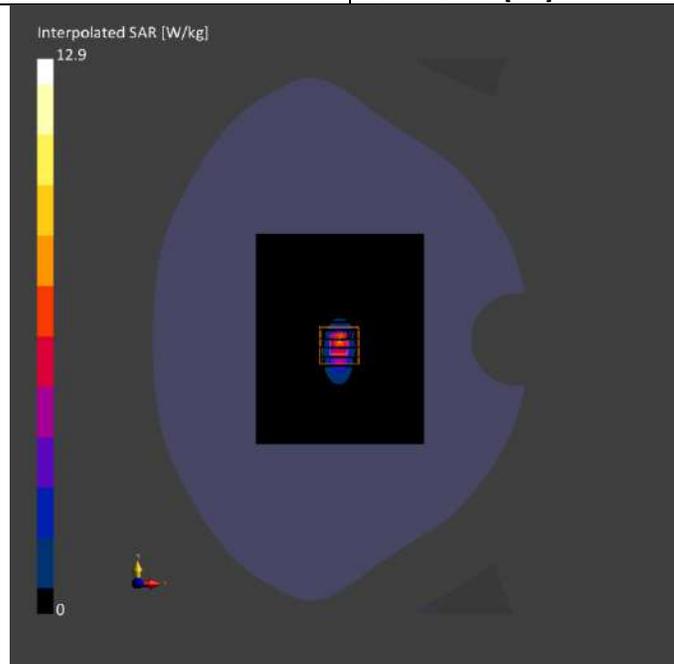
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-28	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-28	2025-05-28
psSAR1g [W/kg]	5.00	5.45
psSAR10g [W/kg]	1.67	1.86
Power Drift [dB]	-0.04	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		44.1
Dist 3dB Peak [mm]		5.0



BL-SZ2550149-ATD

Meas.105 Left Head with Cheek on 641666 Channel in NR Band48 mode with Antenna 7

Date: 2025.05.25

Communication System Band: N48; Frequency: 3624.99 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.021$ S/m; $\epsilon_r = 38.673$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch641666/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.880 W/kg

Ch641666/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 11.66 V/m; Power Drift = -0.16 dB

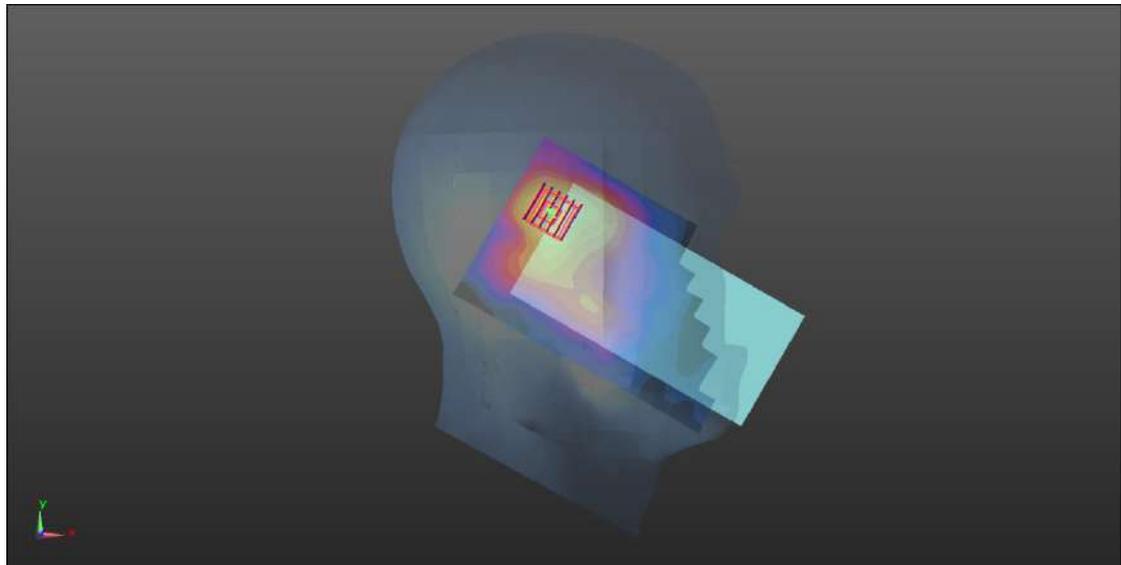
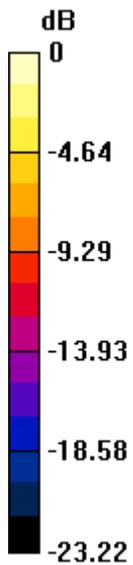
Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.306 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 0.855 W/kg



0 dB = 0.855 W/kg

BL-SZ2550149-ATD

Meas.106 Body Plane with Front Side 15 mm on 645332 Channel in NR Band48 mode with Antenna 5

Date: 2025.05.25

Communication System Band: N48; Frequency: 3679.98 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3679.98$ MHz; $\sigma = 3.069$ S/m; $\epsilon_r = 38.497$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

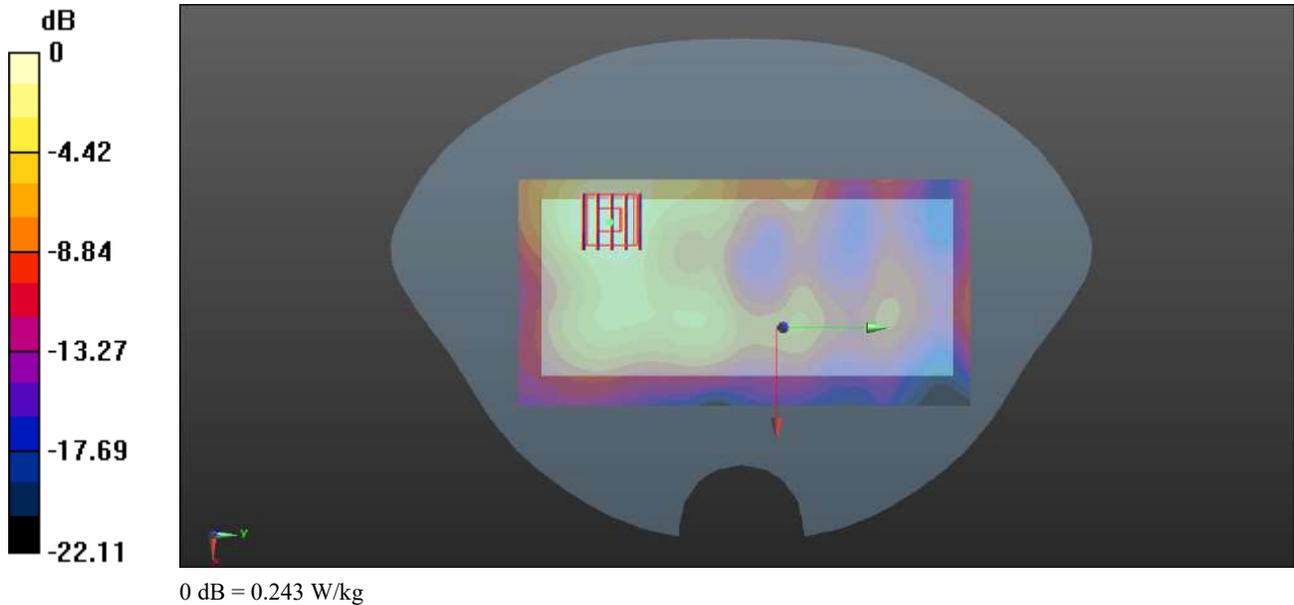
Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch645332/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.242 W/kg

Ch645332/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm
Reference Value = 2.359 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.105 W/kg
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 51%
Maximum value of SAR (measured) = 0.243 W/kg



BL-SZ2550149-ATD

Meas.107 Body Plane with Top Edge 10mm on 638000 Channel in NR Band48 mode with Antenna 5

Date: 2025.05.25

Communication System Band: N48; Frequency: 3570 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3570$ MHz; $\sigma = 2.945$ S/m; $\epsilon_r = 38.965$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch638000/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.705 W/kg

Ch638000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 9.261 V/m; Power Drift = -0.16 dB

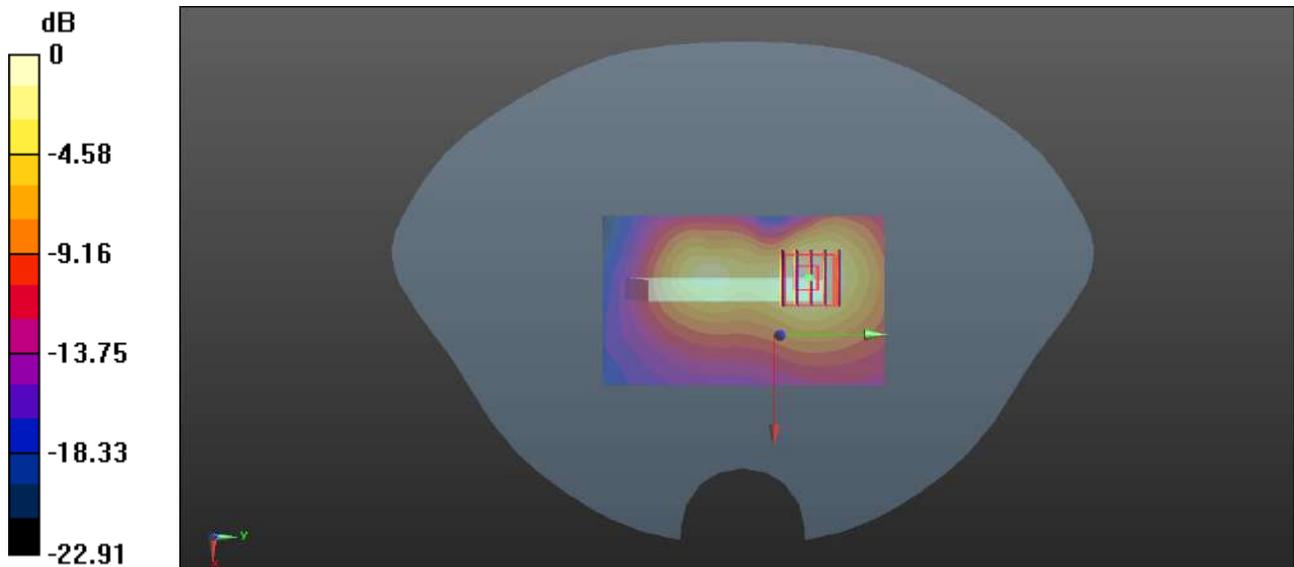
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.262 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg

BL-SZ2550149-ATD

Meas.108 Body Plane with Top Edge 0mm on 645332 Channel in NR Band48 mode with Antenna 5

Date: 2025.05.25

Communication System Band: N48; Frequency: 3679.98 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3679.98$ MHz; $\sigma = 3.069$ S/m; $\epsilon_r = 38.497$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch645332/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 8.29 W/kg

Ch645332/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 26.94 V/m; Power Drift = -0.18 dB

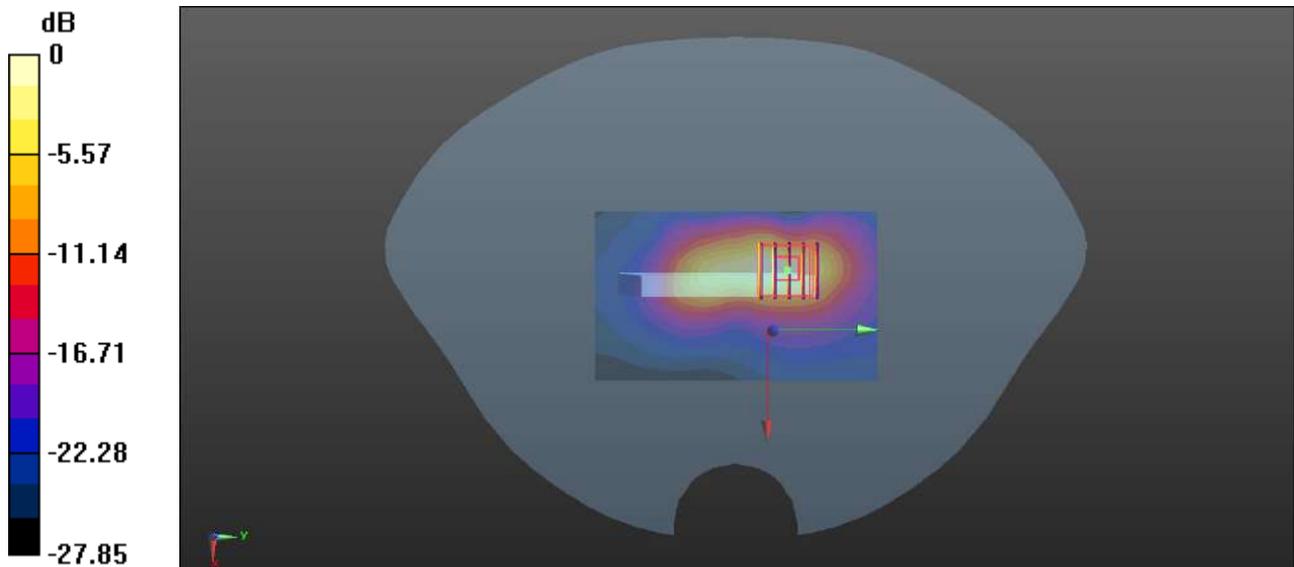
Peak SAR (extrapolated) = 20.5 W/kg

SAR(1 g) = 6.24 W/kg; SAR(10 g) = 2.12 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 7.16 W/kg



0 dB = 7.16 W/kg

Meas.109 Right Head with Cheek on 633334 Channel in NR Band77 mode with Antenna 5

Date: 2025.05.21

Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 3.008$ S/m; $\epsilon_r = 37.168$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 7.160 V/m; Power Drift = -0.04 dB

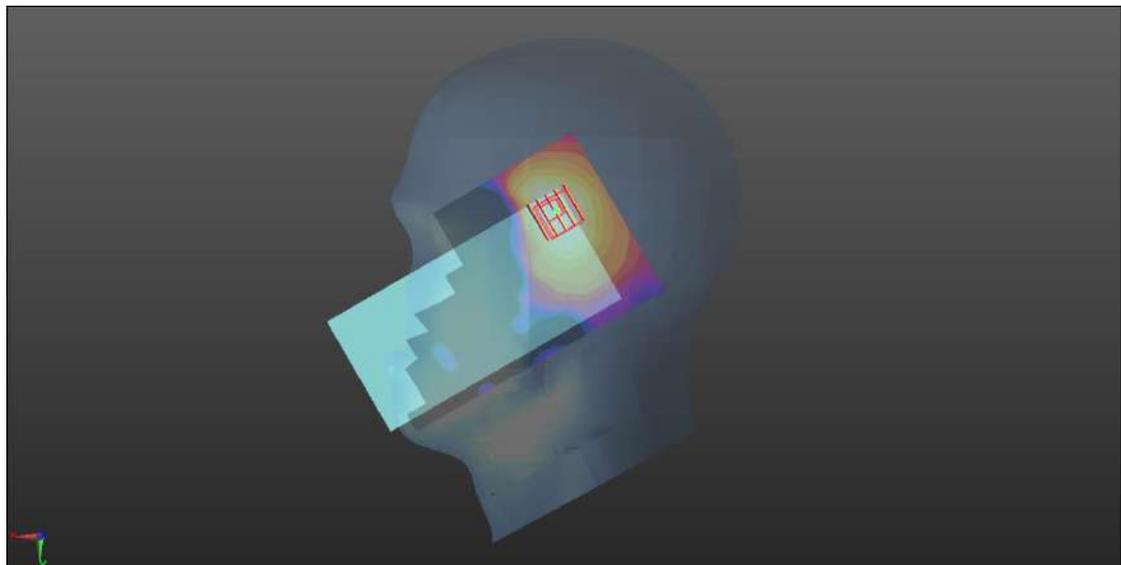
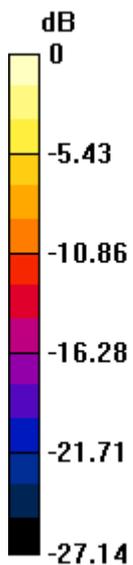
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.279 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg

BL-SZ2550149-ATD

Meas.110 Body Plane with Back Side 15mm on 633334 Channel in NR Band77 mode with Antenna 3

Date: 2025.05.21

Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 3.008$ S/m; $\epsilon_r = 37.168$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.197 W/kg

Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 1.935 V/m; Power Drift = 0.06 dB

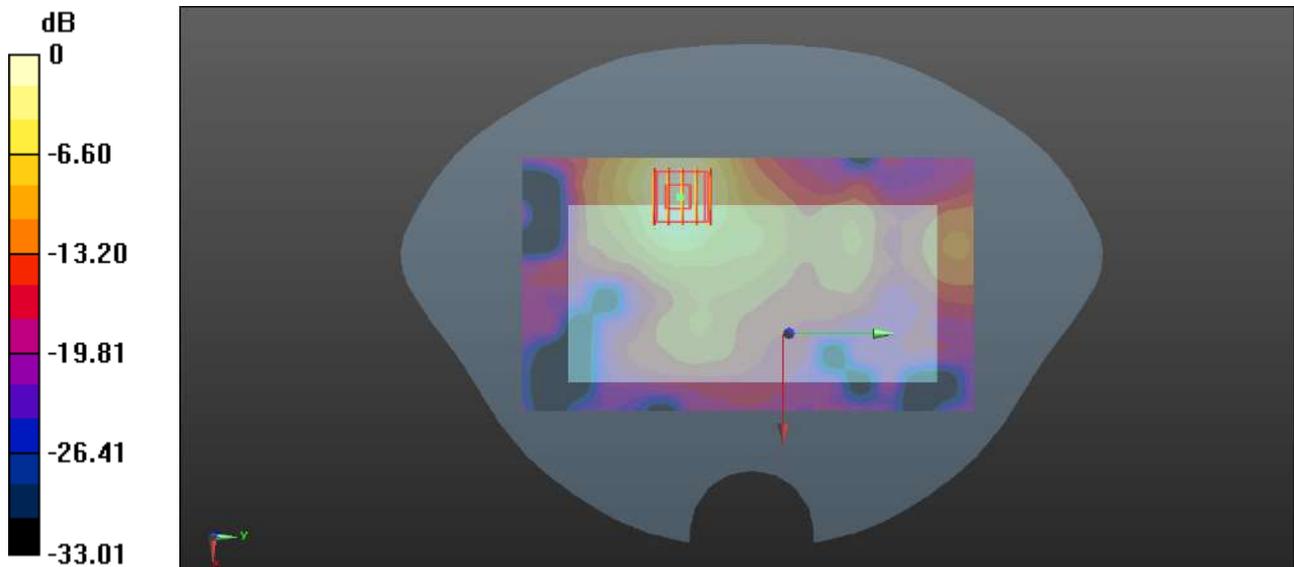
Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.073 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg

BL-SZ2550149-ATD

Meas.111 Body Plane with Left Edge 10mm on 633334 Channel in NR Band77 mode with Antenna 3

Date: 2025.05.24

Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.976$ S/m; $\epsilon_r = 37.638$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

Ch633334/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.317 V/m; Power Drift = -0.16 dB

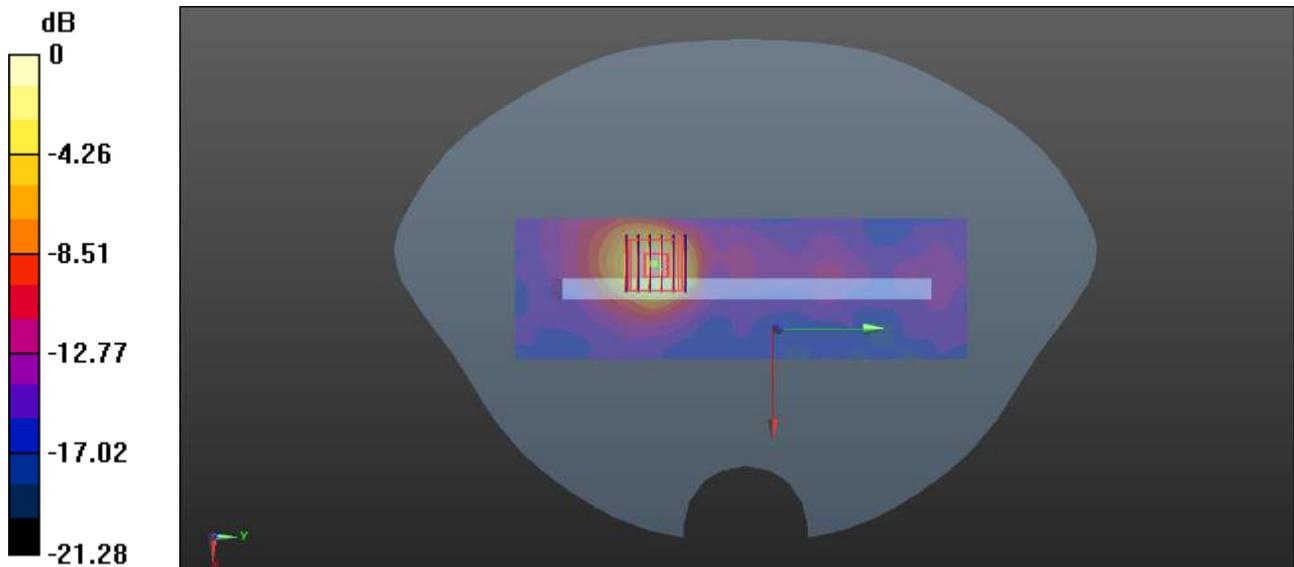
Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.122 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg

BL-SZ2550149-ATD

Meas.112 Left Head with Cheek on 662000 Channel in NR Band77 mode with Antenna 5

Date: 2025.05.30

Communication System Band: N77; Frequency: 3930 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.302$ S/m; $\epsilon_r = 36.204$; $\rho = 1000$ kg/m³

Phantom section: Left Section

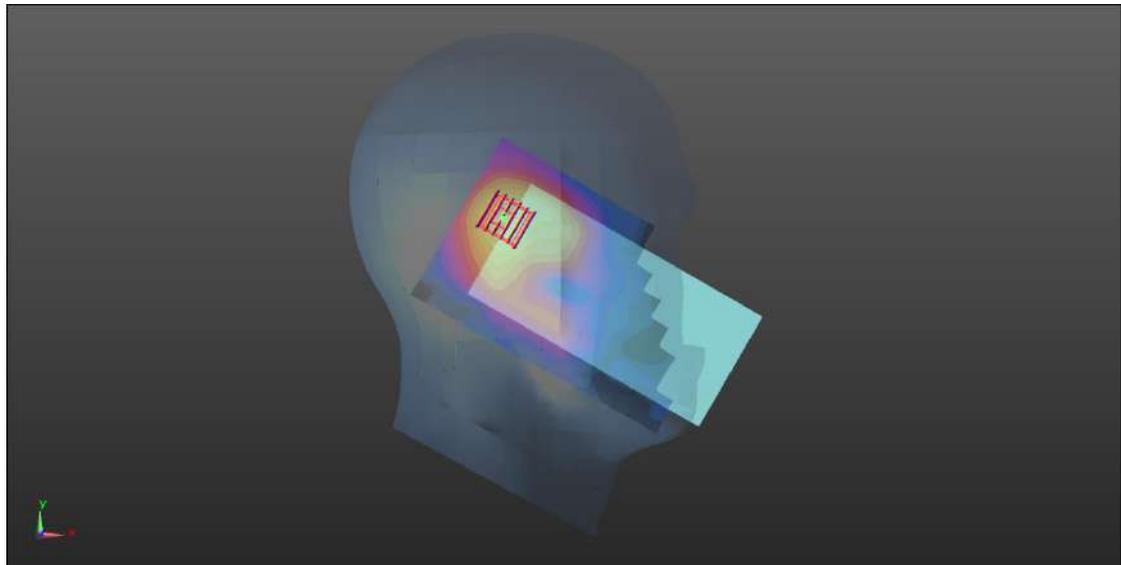
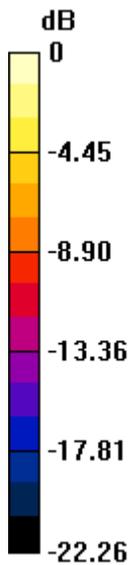
Ambient Temperature: 22.3°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5.98, 5.98, 5.98); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch662000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.558 W/kg

Ch662000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 11.21 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.211 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.1 mm
 Ratio of SAR at M2 to SAR at M1 = 45.2%
 Maximum value of SAR (measured) = 0.581 W/kg



0 dB = 0.581 W/kg

BL-SZ2550149-ATD

Meas.113 Body Plane with Back Side 15mm on 650000 Channel in NR Band77 mode with Antenna 5

Date: 2025.05.28

Communication System Band: N77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3750$ MHz; $\sigma = 3.086$ S/m; $\epsilon_r = 36.633$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0821 W/kg

Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

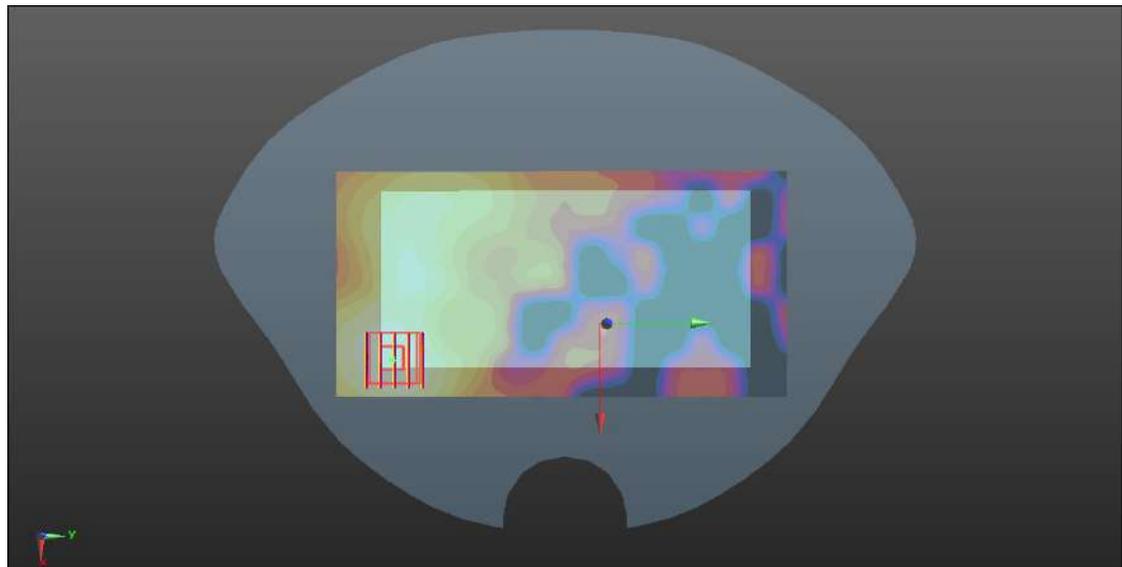
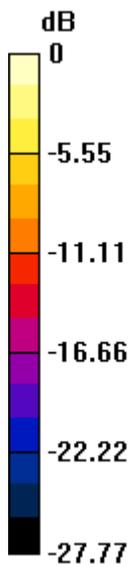
Reference Value = 0 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.035 W/kg

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 0.0805 W/kg



0 dB = 0.0805 W/kg

BL-SZ2550149-ATD

Meas.114 Body Plane with Top Edge 10mm on 650000 Channel in NR Band77 mode with Antenna 5

Date: 2025.05.28

Communication System Band: N77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.086$ S/m; $\epsilon_r = 36.633$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

Ch650000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 8.590 V/m; Power Drift = -0.08 dB

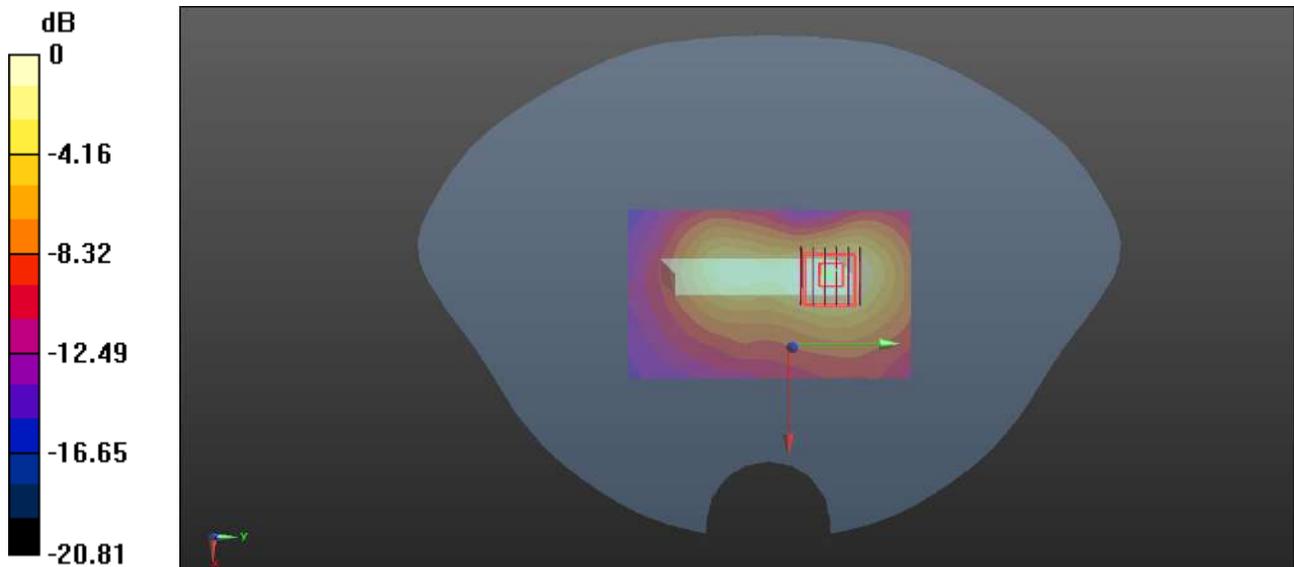
Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.185 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446 W/kg

BL-SZ2550149-ATD

Meas.115 Right Head with Cheek on 633334 Channel in NR Band78 mode with Antenna 2

Date: 2025.05.23

Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.996$ S/m; $\epsilon_r = 38.044$; $\rho = 1000$ kg/m³

Phantom section: Right Section

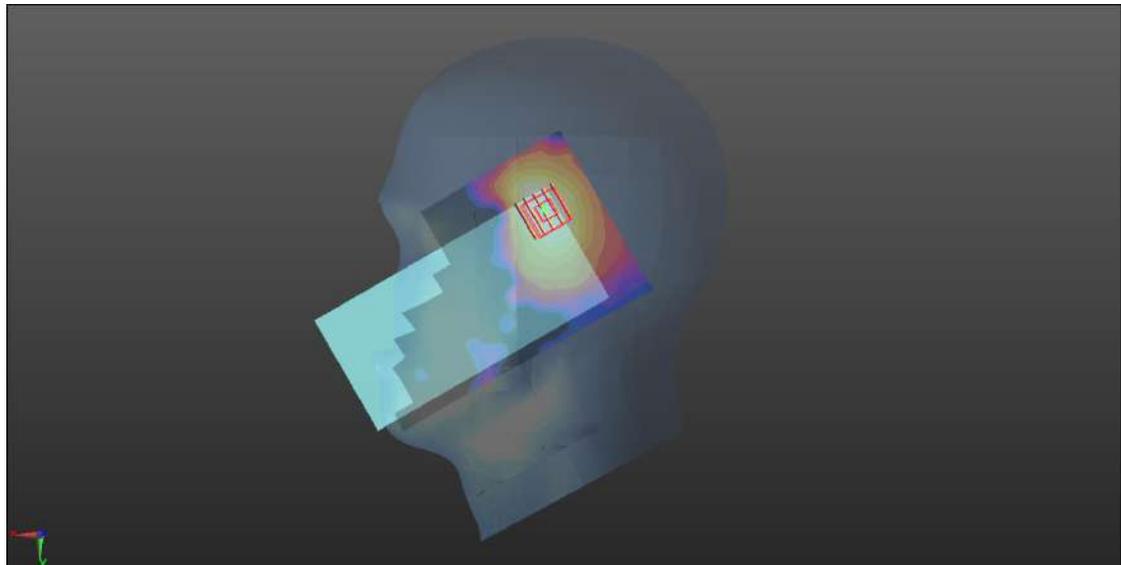
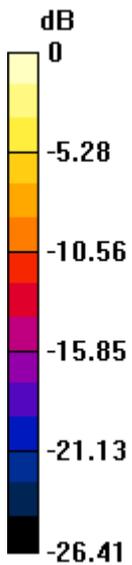
Ambient Temperature: 22.5°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.562 W/kg

Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm
 Reference Value = 6.977 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.213 W/kg
 Smallest distance from peaks to all points 3 dB below = 12 mm
 Ratio of SAR at M2 to SAR at M1 = 50.9%
 Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg

BL-SZ2550149-ATD

Meas.116 Body Plane with Back Side 15mm on 633334 Channel in NR Band78 mode with Antenna 3

Date: 2025.05.23

Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.996$ S/m; $\epsilon_r = 38.044$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.157 W/kg

Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 1.532 V/m; Power Drift = 0.18 dB

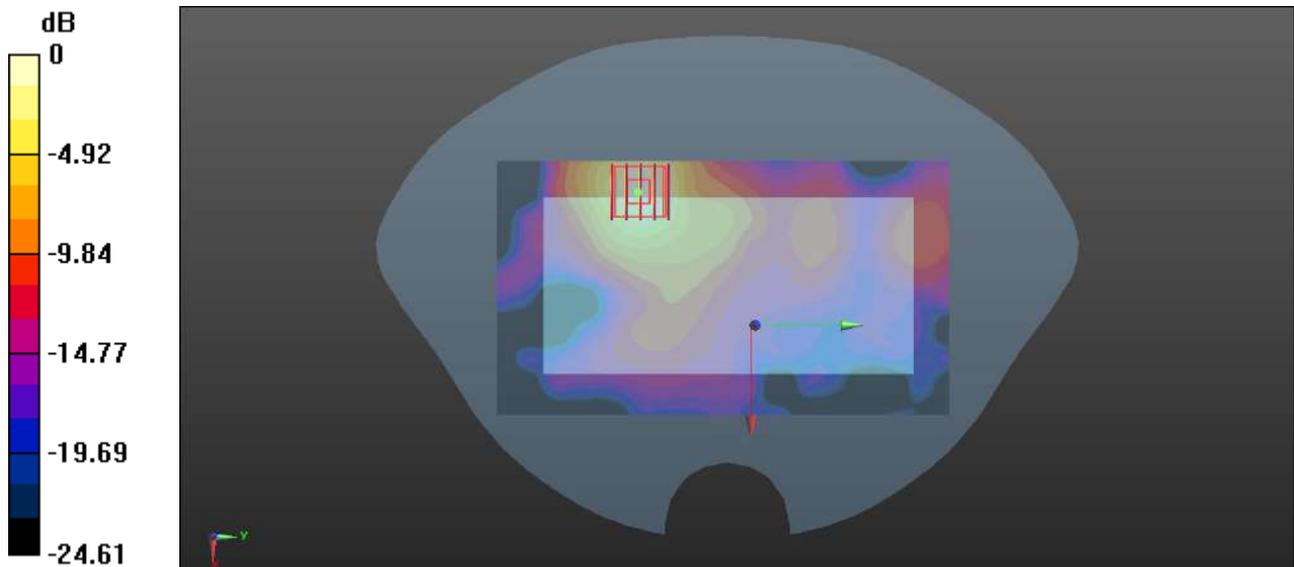
Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.062 W/kg

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg

BL-SZ2550149-ATD

Meas.117 Body Plane with Left Edge 10mm on 633334 Channel in NR Band78 mode with Antenna 3

Date: 2025.05.23

Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.996$ S/m; $\epsilon_r = 38.044$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.333 W/kg

Ch633334/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 1.876 V/m; Power Drift = 0.06 dB

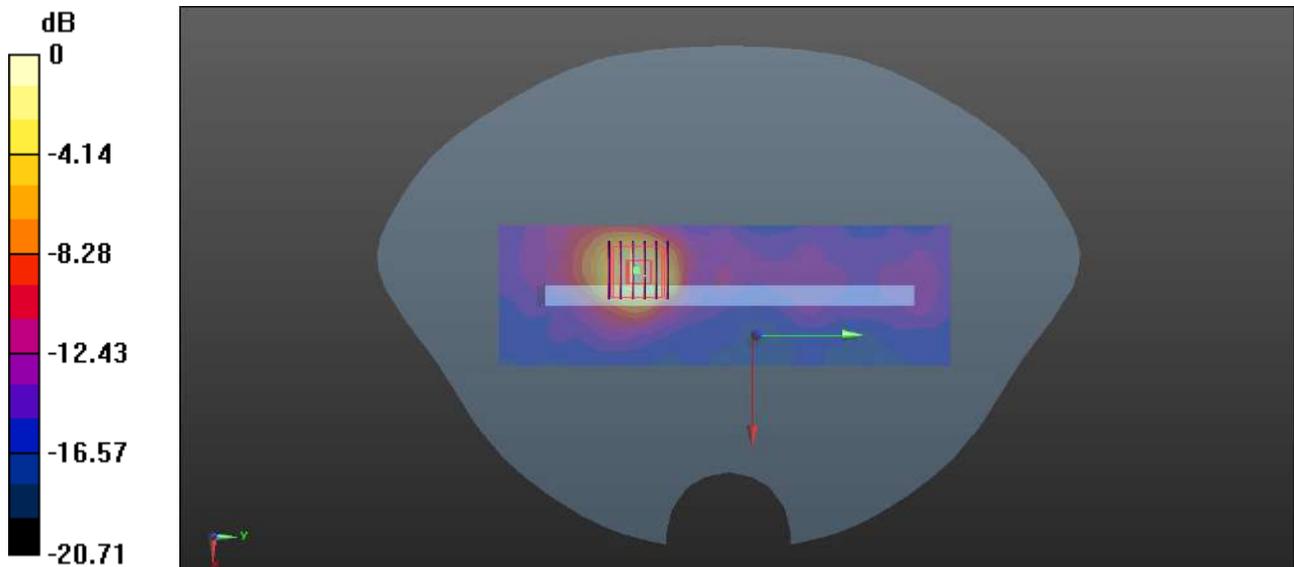
Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.104 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

BL-SZ2550149-ATD

Meas.118 Left Head with Cheek on 650000 Channel in NR Band78 mode with Antenna 7

Date: 2025.05.29

Communication System Band: N78; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.275$ S/m; $\epsilon_r = 36.816$; $\rho = 1000$ kg/m³

Phantom section: Left Section

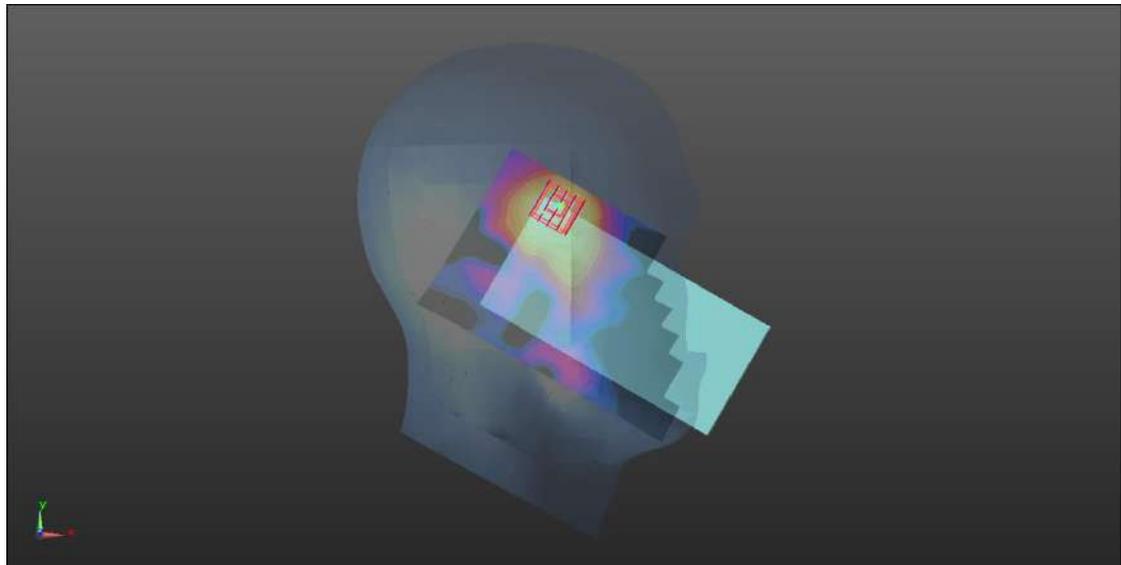
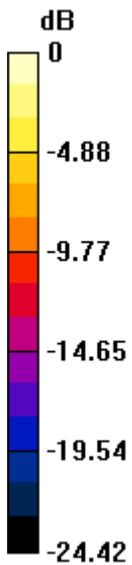
Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.791 W/kg

Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm
 Reference Value = 3.542 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.267 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.6 mm
 Ratio of SAR at M2 to SAR at M1 = 47.1%
 Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg

BL-SZ2550149-ATD

Meas.119 Body Plane with Back Side 15mm on 650000 Channel in NR Band78 mode with Antenna 3

Date: 2025.05.29

Communication System Band: N78; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.275$ S/m; $\epsilon_r = 36.816$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

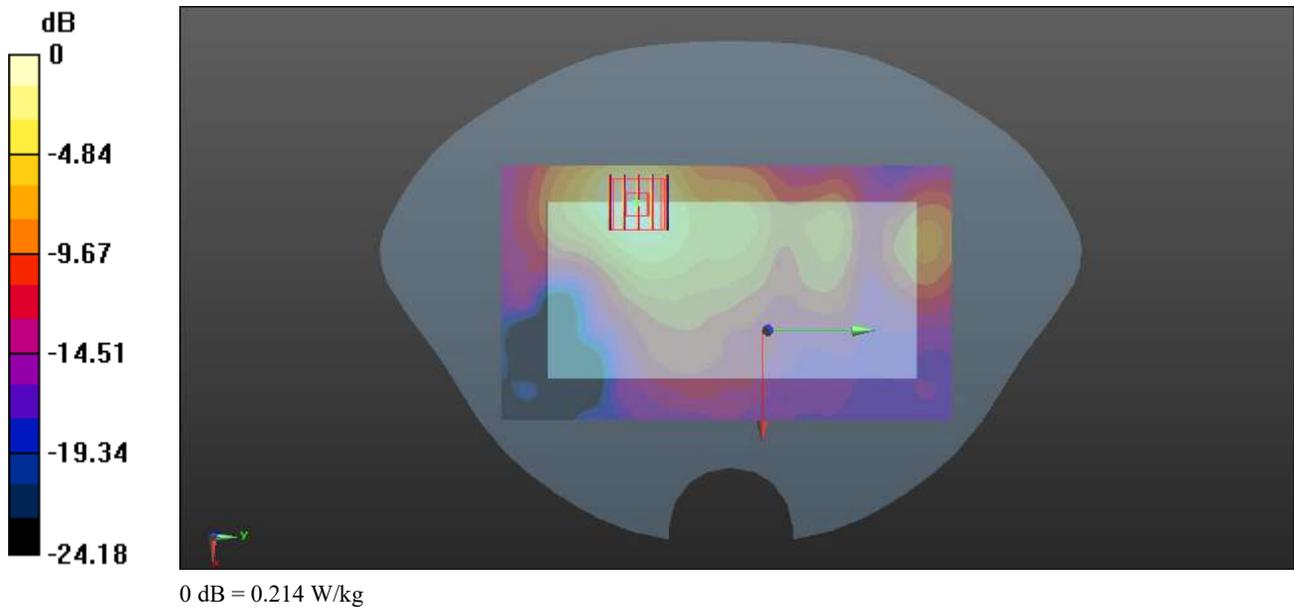
Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.206 W/kg

Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm
 Reference Value = 3.072 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.087 W/kg
 Smallest distance from peaks to all points 3 dB below = 13 mm
 Ratio of SAR at M2 to SAR at M1 = 49.4%
 Maximum value of SAR (measured) = 0.214 W/kg



BL-SZ2550149-ATD

Meas.120 Body Plane with Left Edge 10mm on 650000 Channel in NR Band78 mode with Antenna 3

Date: 2025.05.29

Communication System Band: N78; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.275$ S/m; $\epsilon_r = 36.816$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

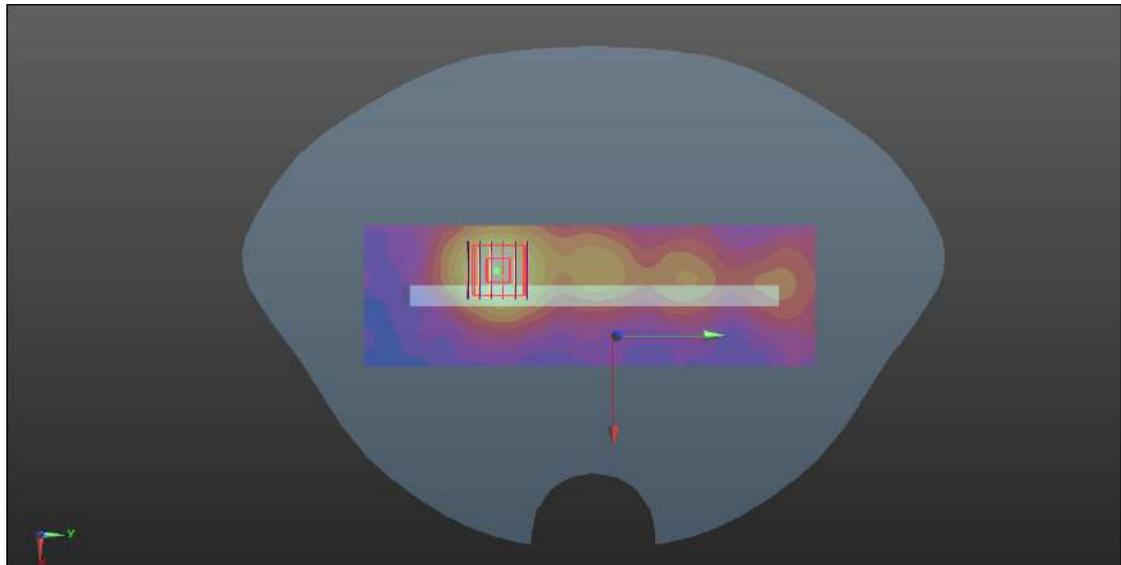
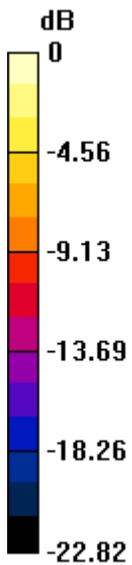
Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.05, 6.05, 6.05); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.410 W/kg

Ch650000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 4.292 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.758 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.138 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.5 mm
 Ratio of SAR at M2 to SAR at M1 = 51.1%
 Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.380 W/kg

BL-SZ2550149-ATD

Meas.121 Left Head with Cheek on 6 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.05.20

Communication System Band: 2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 39.838$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.614 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.067 V/m; Power Drift = -0.15 dB

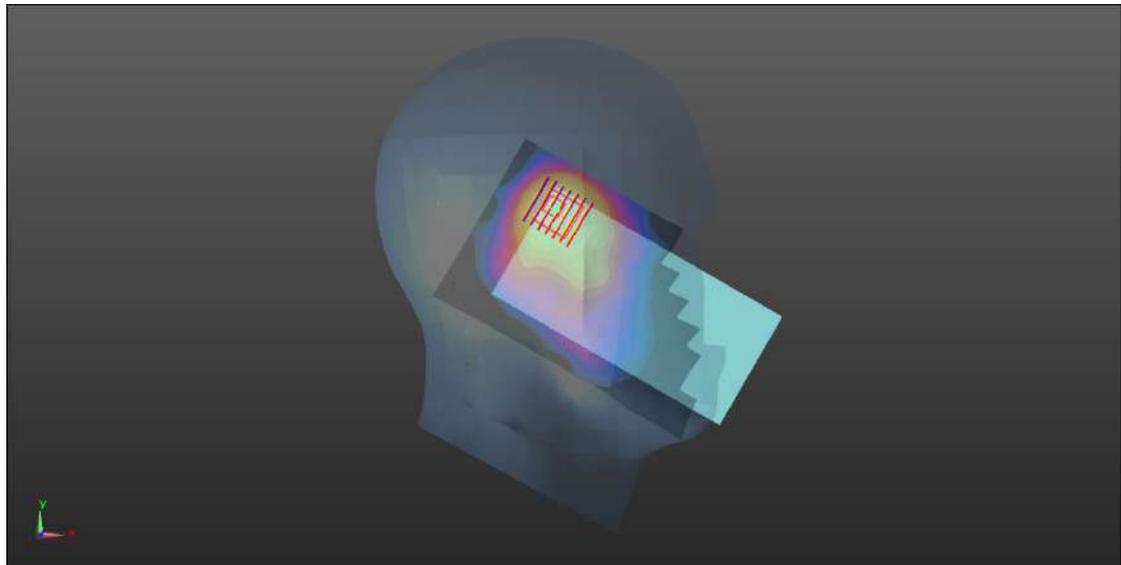
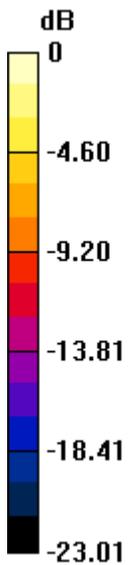
Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.259 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg

BL-SZ2550149-ATD

Meas.122 Body Plane with Back Side 15 mm on 6 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.05.20

Communication System Band: 2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 39.838$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.172 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.617 V/m; Power Drift = 0.04 dB

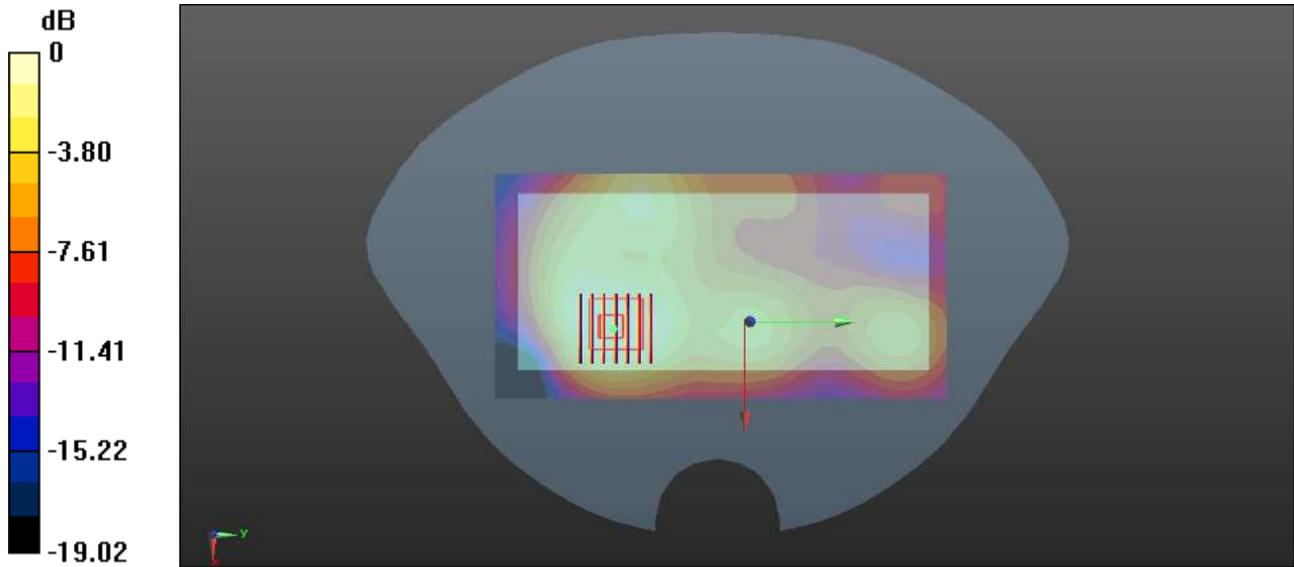
Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.083 W/kg

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg

BL-SZ2550149-ATD

Meas.123 Body Plane with Back Side 10 mm on 6 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.05.20

Communication System Band: 2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 39.838$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.325 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.006 V/m; Power Drift = -0.02 dB

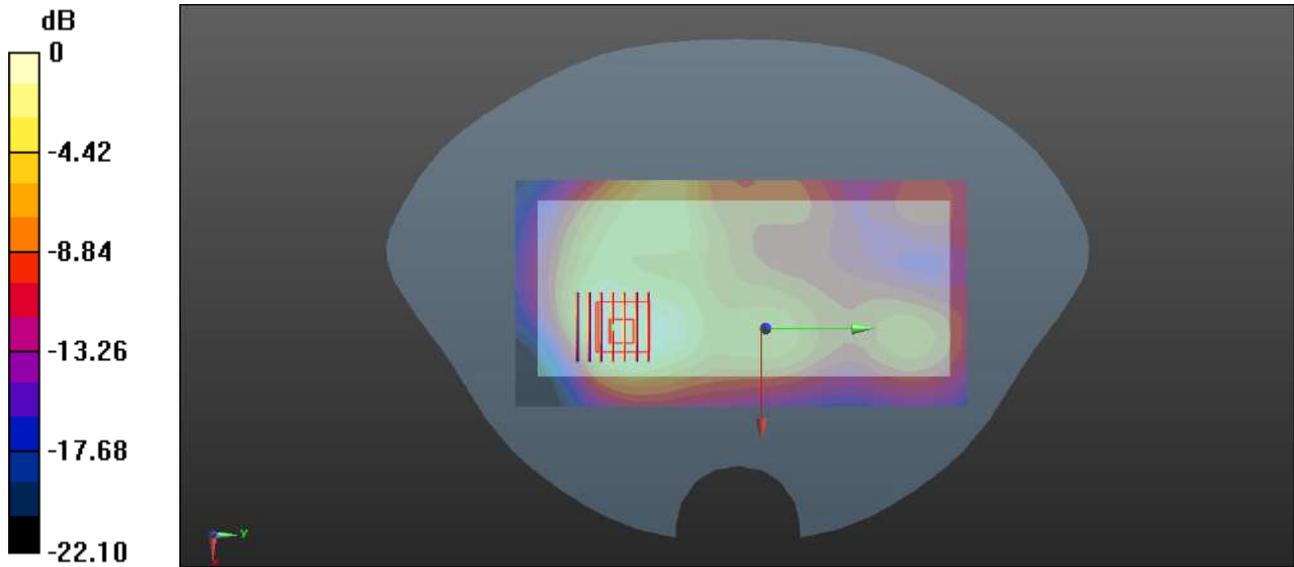
Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.156 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg

BL-SZ2550149-ATD

Meas.124 Body Plane with Top Edge 0mm on 6 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.05.20

Communication System Band: 2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 39.838$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.13 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.23 V/m; Power Drift = -0.05 dB

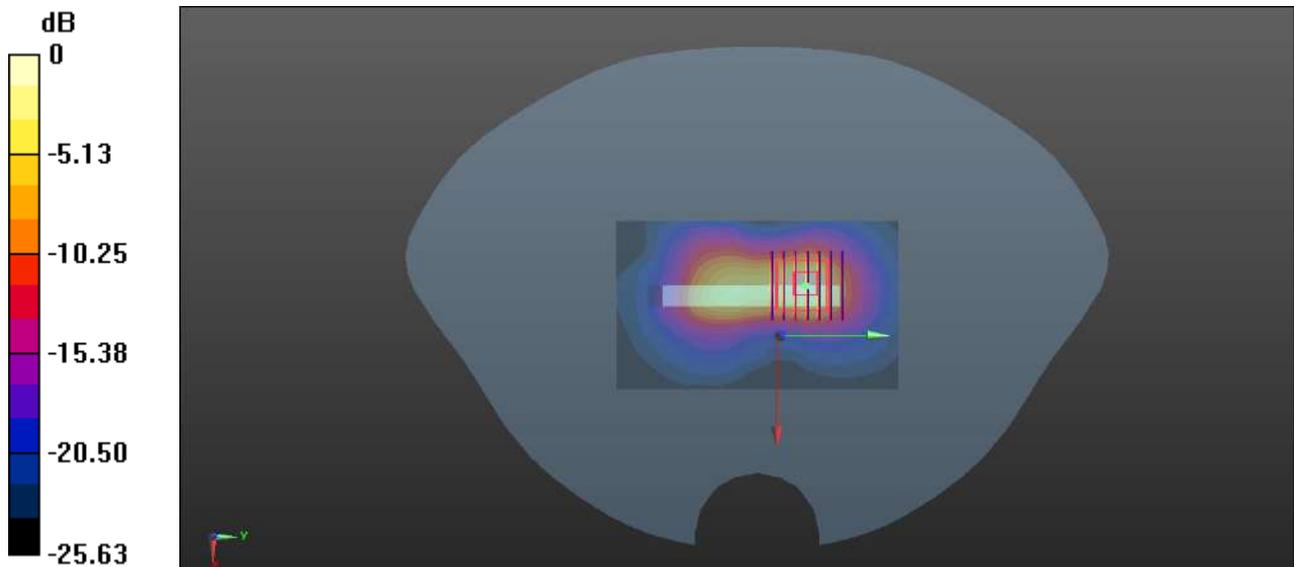
Peak SAR (extrapolated) = 6.08 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 0.811 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 42.2%

Maximum value of SAR (measured) = 2.76 W/kg



0 dB = 2.76 W/kg

BL-SZ2550149-ATD

Meas.125 Left Head with Tilt on 58 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.02

Communication System Band: 5.3G; Frequency: 5290 MHz; Duty Cycle: 1:1.074

Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.782$ S/m; $\epsilon_r = 35.489$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.85, 4.85, 4.85); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

Ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.554 V/m; Power Drift = 0.07 dB

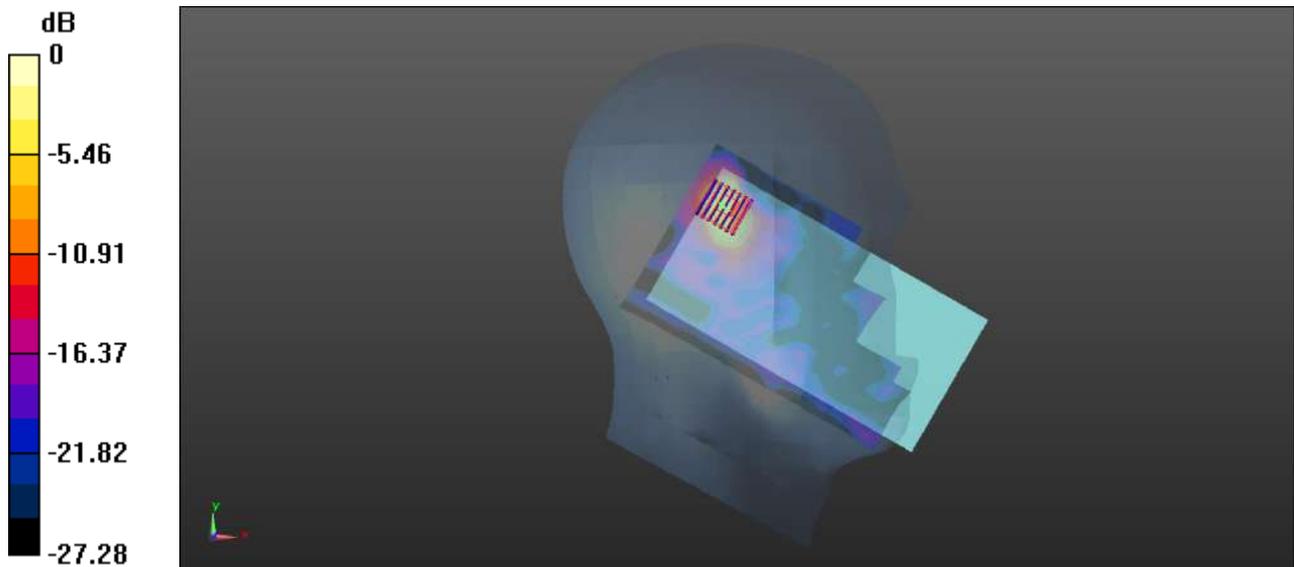
Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.159 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

BL-SZ2550149-ATD

Meas.126 Left Head with Tilt on 106 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.03

Communication System Band: 5.6G; Frequency: 5530 MHz; Duty Cycle: 1:1.074

Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 4.911$ S/m; $\epsilon_r = 36.211$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.4, 4.4, 4.4); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch106/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.518 W/kg

Ch106/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.332 V/m; Power Drift = 0.06 dB

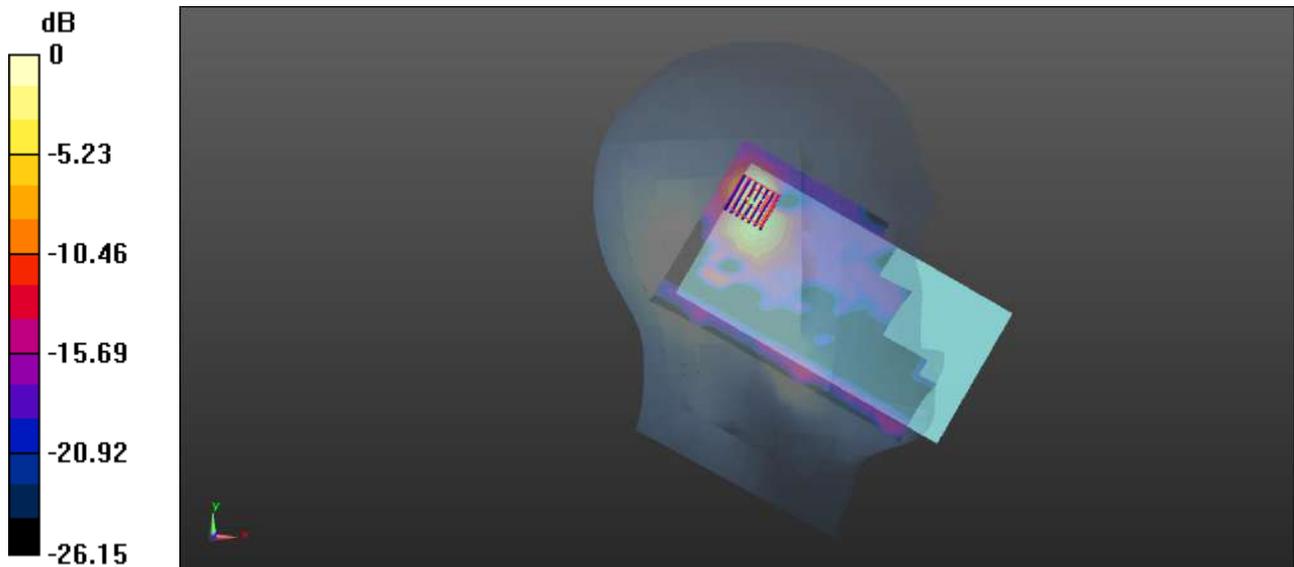
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.084 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.2%

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg

BL-SZ2550149-ATD

Meas.127 Left Head with Cheek on 159 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.04

Communication System Band: 5.8G; Frequency: 5795 MHz; Duty Cycle: 1:1.038

Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.311$ S/m; $\epsilon_r = 34.311$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.41, 4.41, 4.41); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.303 W/kg

Ch159/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.8680 V/m; Power Drift = 0.08 dB

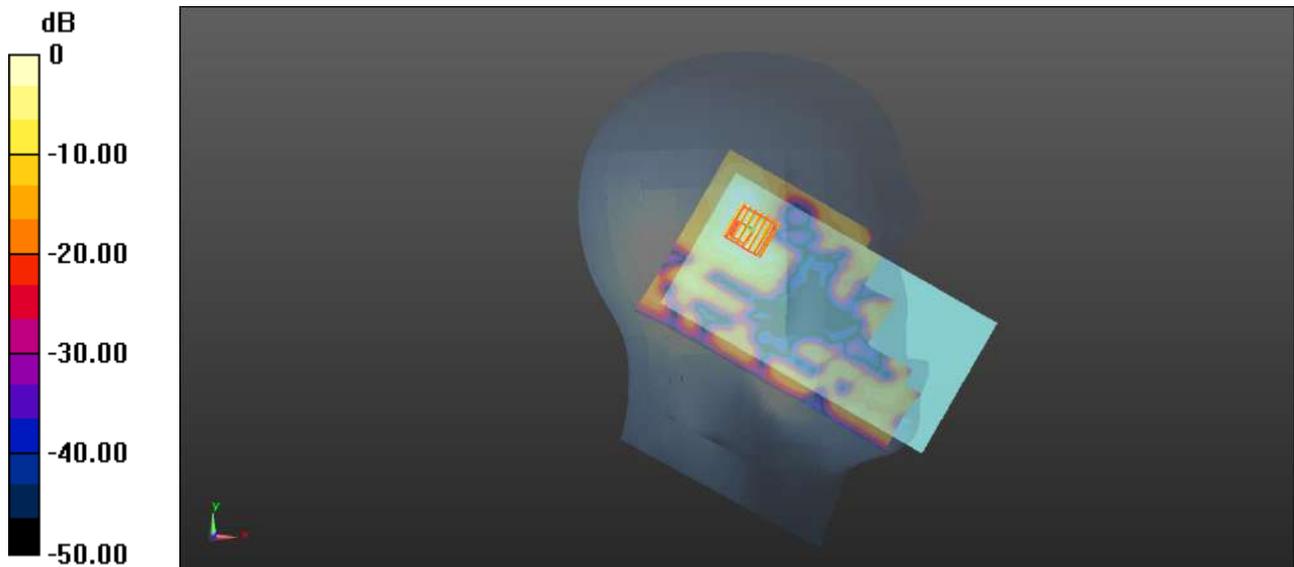
Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg

BL-SZ2550149-ATD

Meas.128 Body Plane with Back Side 15 mm on 52 Channel in IEEE802.11a mode with Antenna 6

Date: 2025.06.02

Communication System Band: 5.3G; Frequency: 5260 MHz; Duty Cycle: 1:1.018

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 4.735$ S/m; $\epsilon_r = 35.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.85, 4.85, 4.85); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.461 W/kg

Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.04 dB

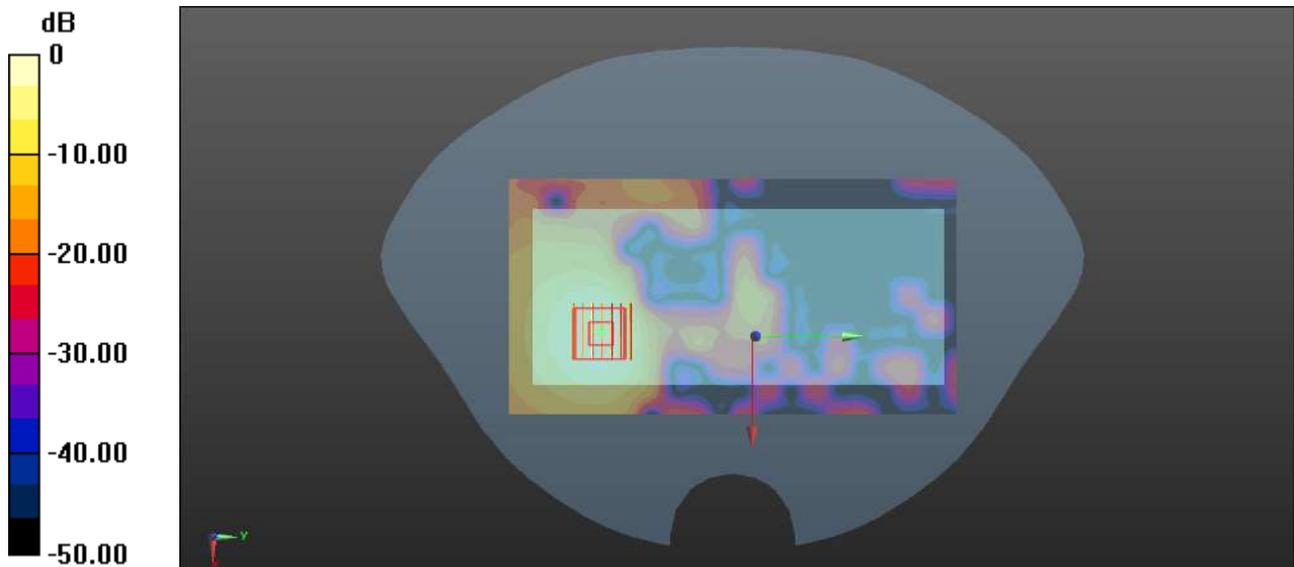
Peak SAR (extrapolated) = 0.849 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.091 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.437 W/kg

BL-SZ2550149-ATD

Meas.129 Body Plane with Back Side 15 mm on 100 Channel in IEEE802.11a mode with Antenna 6

Date: 2025.06.03

Communication System Band: 5.6G; Frequency: 5500 MHz; Duty Cycle: 1:1.018

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.835$ S/m; $\epsilon_r = 36.383$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.4, 4.4, 4.4); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.463 W/kg

Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = -0.08 dB

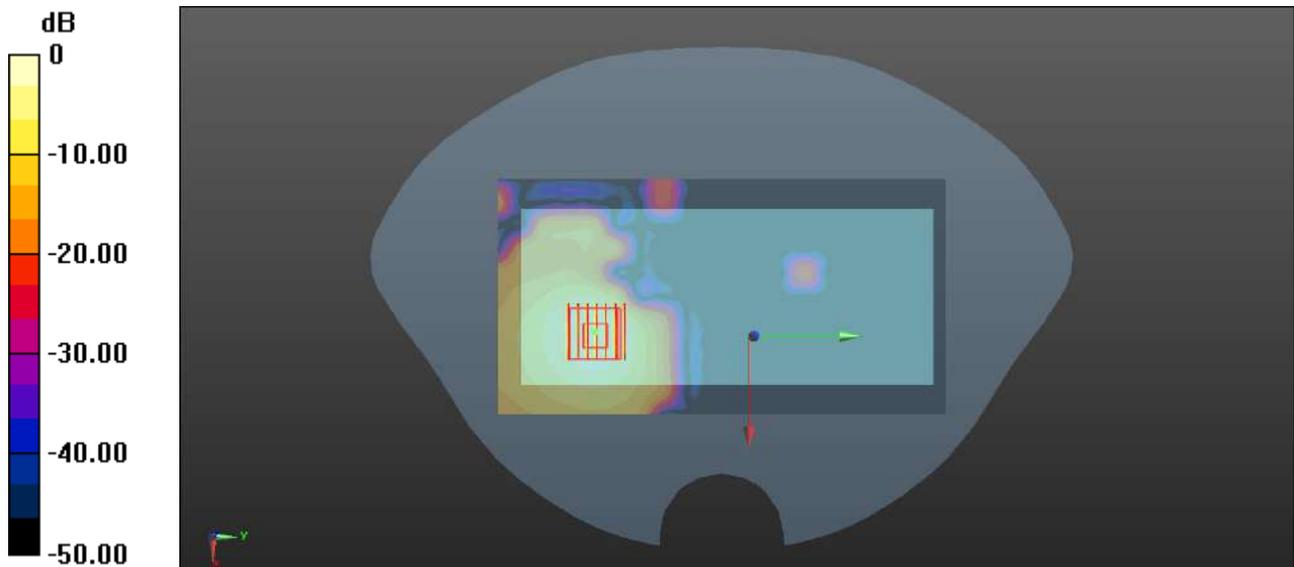
Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.090 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.439 W/kg

BL-SZ2550149-ATD

Meas.130 Body Plane with Back Side 15 mm on 159 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.04

Communication System Band: 5.8G; Frequency: 5795 MHz; Duty Cycle: 1:1.038

Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.311$ S/m; $\epsilon_r = 34.311$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.41, 4.41, 4.41); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0587 W/kg

Ch159/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

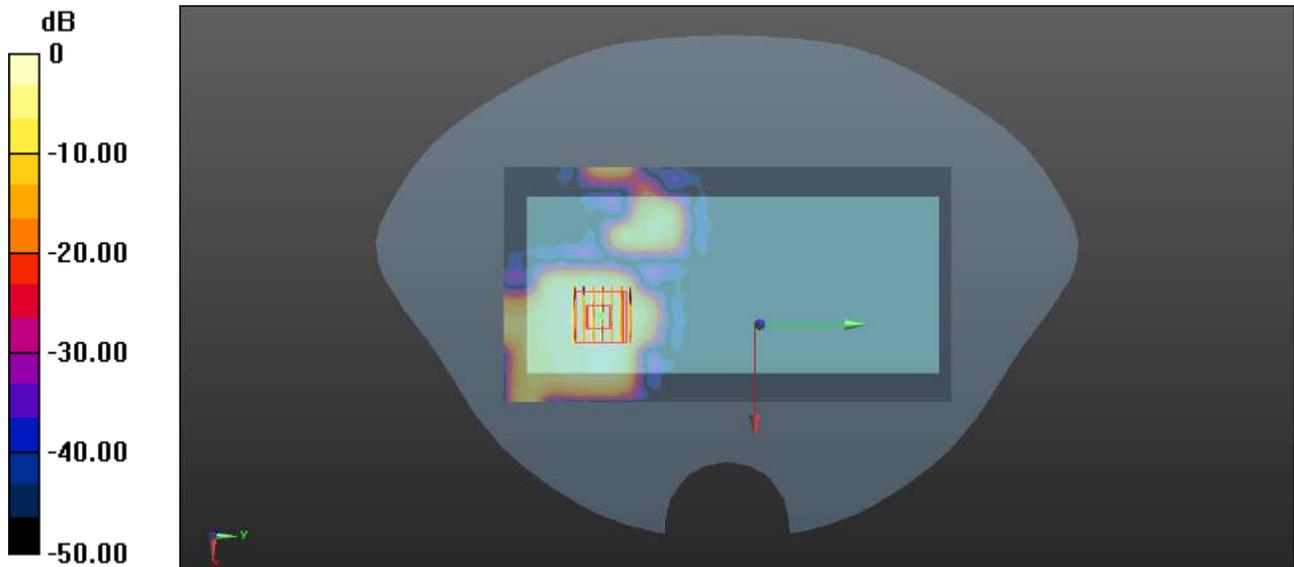
Reference Value = 0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.011 W/kg

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 0.0574 W/kg



0 dB = 0.0574 W/kg

BL-SZ2550149-ATD

Meas.131 Body Plane with Top Edge 10mm on 48 Channel in IEEE802.11a mode with Antenna 6

Date: 2025.06.02

Communication System Band: 5.2G; Frequency: 5240 MHz; Duty Cycle: 1:1.018

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.701$ S/m; $\epsilon_r = 36.253$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.85, 4.85, 4.85); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Ch48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.678 V/m; Power Drift = 0.06 dB

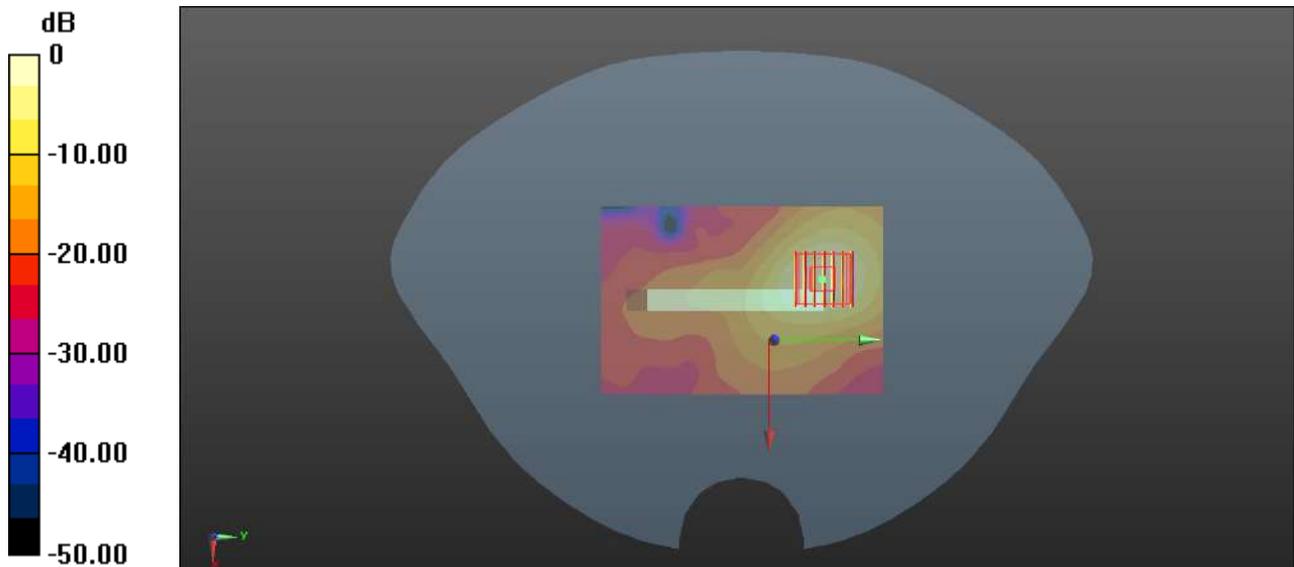
Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.184 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.5%

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

BL-SZ2550149-ATD

Meas.132 Body Plane with Right Edge 10mm on 159 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.04

Communication System Band: 5.8G; Frequency: 5795 MHz; Duty Cycle: 1:1.038

Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.311$ S/m; $\epsilon_r = 34.311$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

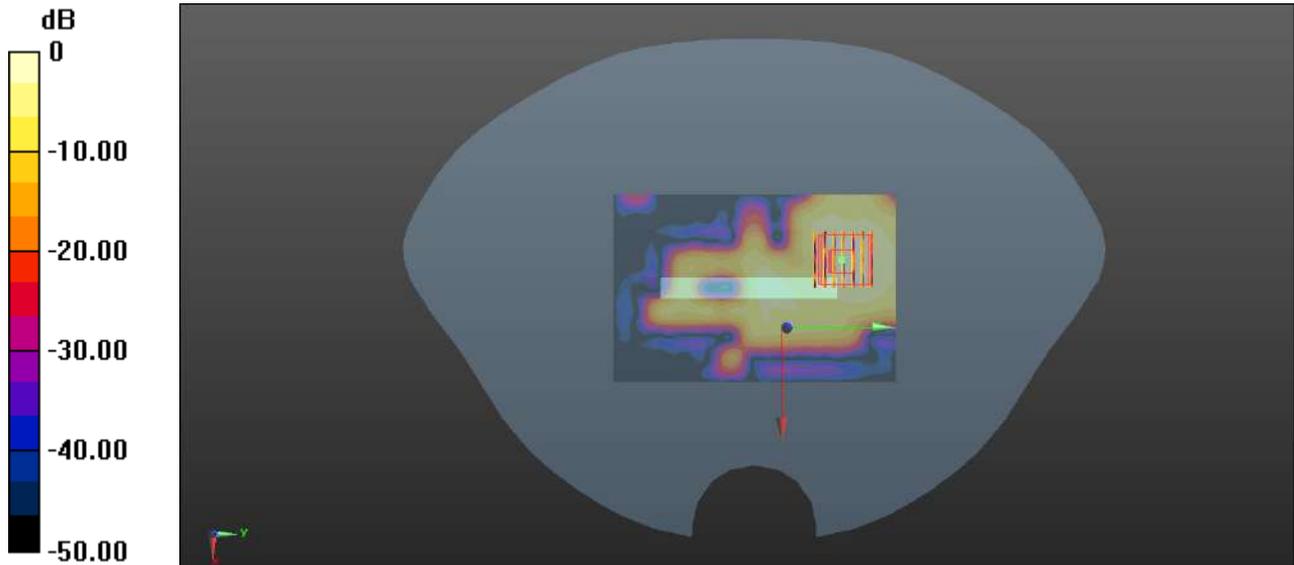
Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.41, 4.41, 4.41); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0923 W/kg

Ch159/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.015 W/kg
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.0901 W/kg



0 dB = 0.0901 W/kg

BL-SZ2550149-ATD

Meas.133 Body Plane with Top Edge 0mm on 52 Channel in IEEE802.11a mode with Antenna 6

Date: 2025.06.02

Communication System Band: 5.3G; Frequency: 5260 MHz; Duty Cycle: 1:1.018

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 4.735$ S/m; $\epsilon_r = 35.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.85, 4.85, 4.85); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 14.3 W/kg

Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.84 V/m; Power Drift = -0.07 dB

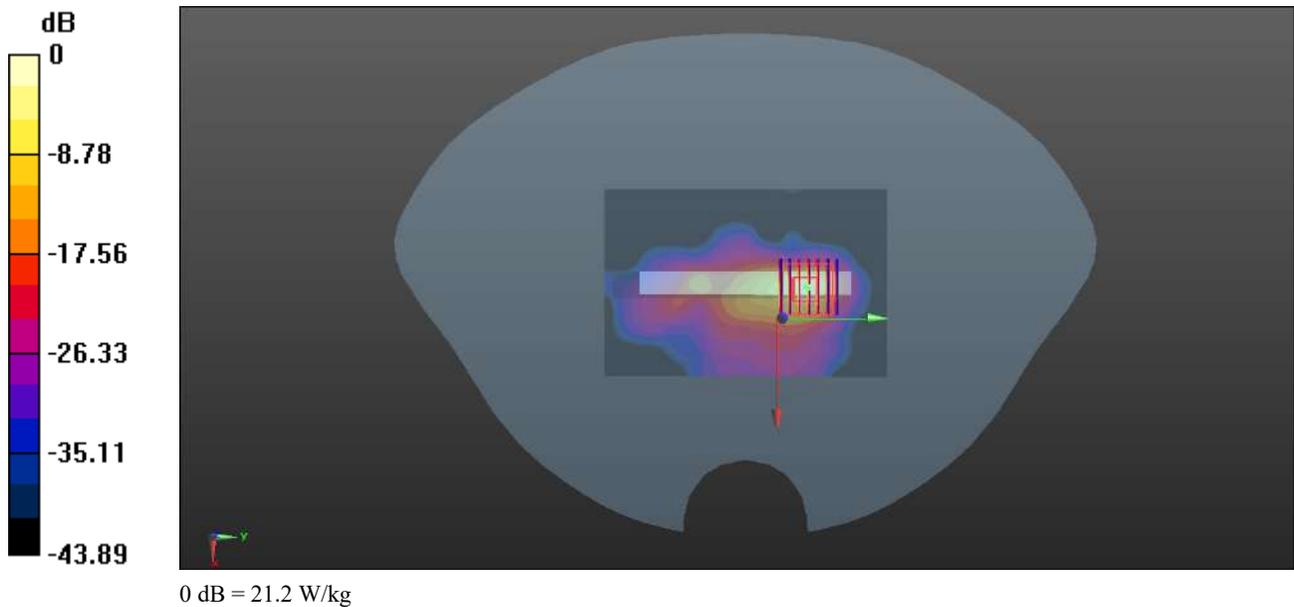
Peak SAR (extrapolated) = 53.7 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 1.44 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 21.2 W/kg



BL-SZ2550149-ATD

Meas.134 Body Plane with Top Edge 0mm on 100 Channel in IEEE802.11a mode with Antenna 6

Date: 2025.06.03

Communication System Band: 5.6G; Frequency: 5500 MHz; Duty Cycle: 1:1.018

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.835$ S/m; $\epsilon_r = 36.383$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.4, 4.4, 4.4); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.2 W/kg

Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.87 V/m; Power Drift = -0.07 dB

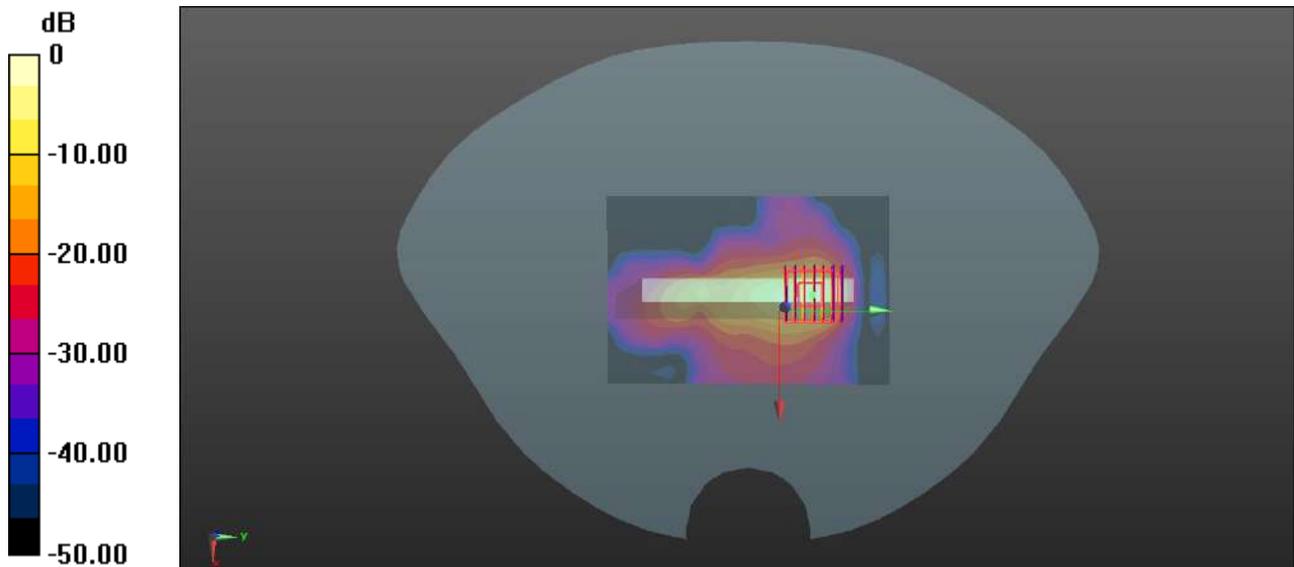
Peak SAR (extrapolated) = 37.9 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 14.9 W/kg



0 dB = 14.9 W/kg

BL-SZ2550149-ATD

Meas.135 Body Plane with Top Edge 0mm on 159 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.04

Communication System Band: 5.8G; Frequency: 5795 MHz; Duty Cycle: 1:1.038

Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.311$ S/m; $\epsilon_r = 34.311$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

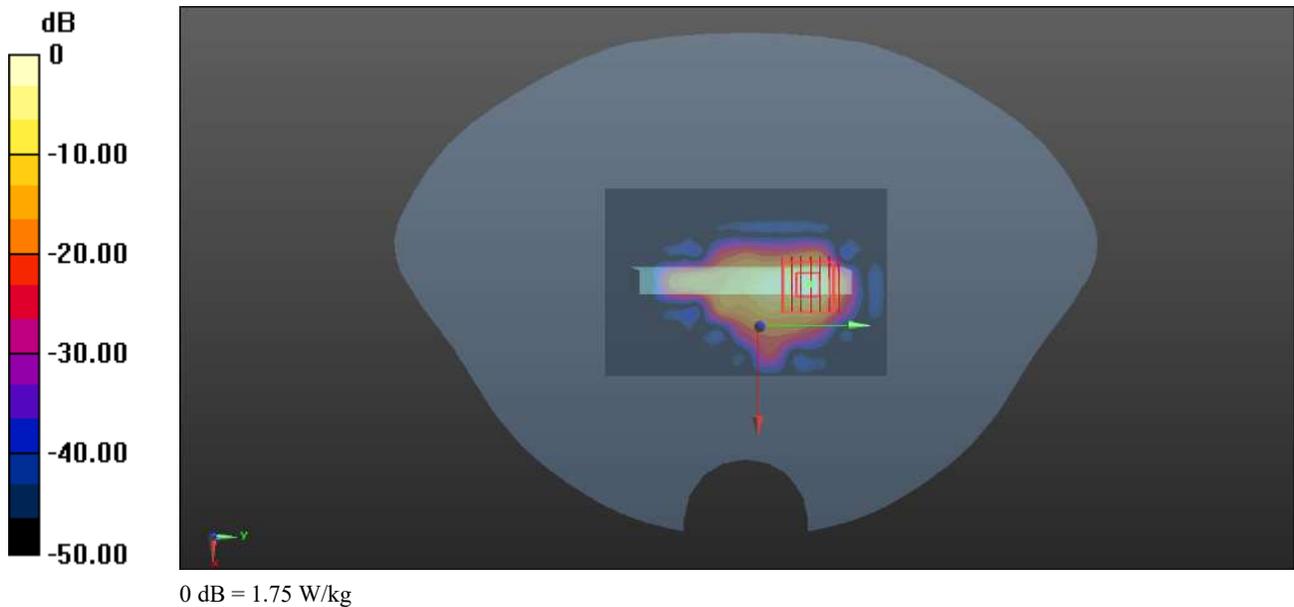
Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.41, 4.41, 4.41); Calibrated: 2025.04.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

Ch159/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.347 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.69 W/kg
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.124 W/kg
Smallest distance from peaks to all points 3 dB below = 4 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 1.75 W/kg



BL-SZ2550149-ATD

Meas.136 Left Head with Cheek on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.05.20

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.296

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 38.774$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.786 V/m; Power Drift = 0.12 dB

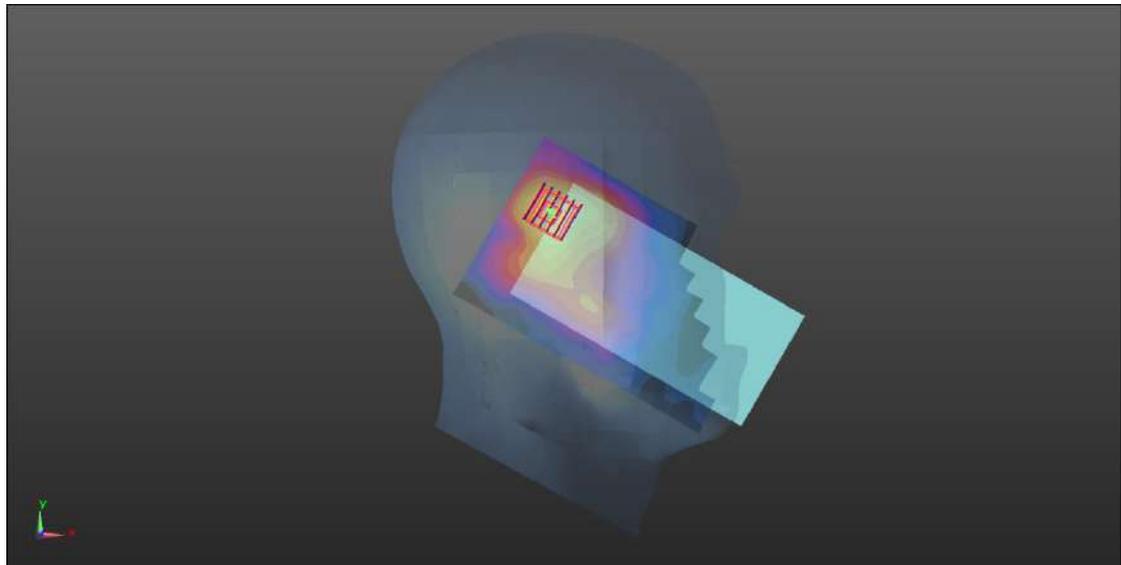
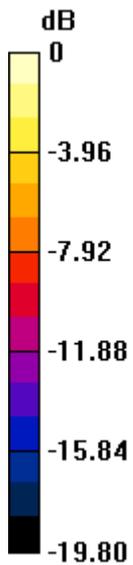
Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.099 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg

BL-SZ2550149-ATD

Meas.137 Body Plane with Back Side 15 mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.05.20

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.296

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 38.774$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.067 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

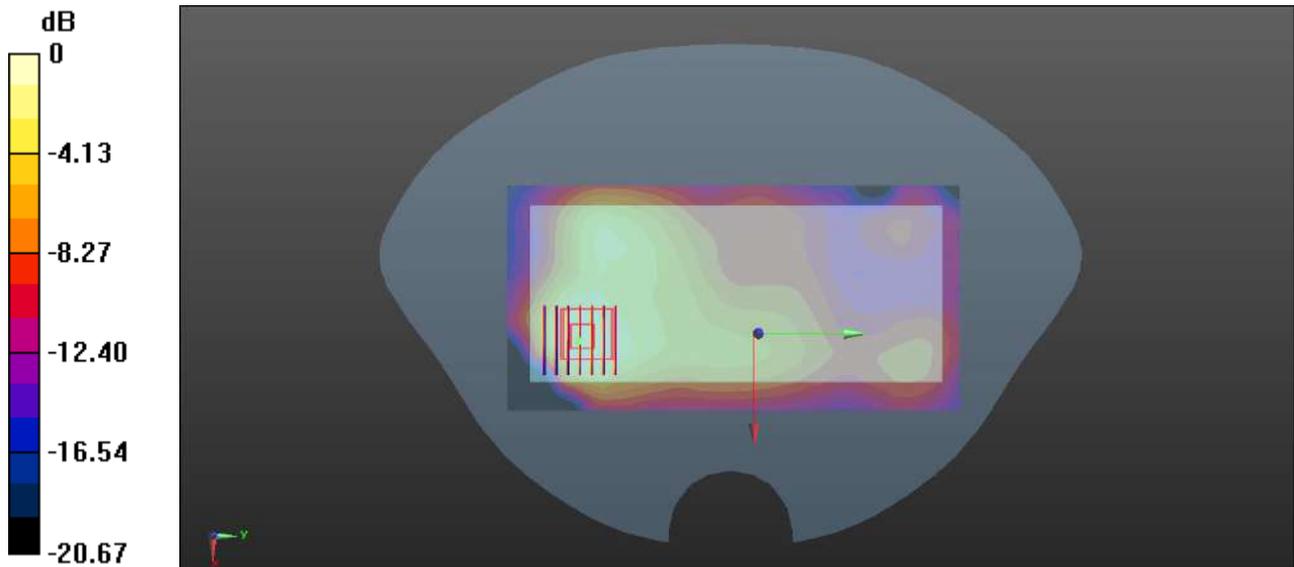
Reference Value = 1.719 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.003 W/kg

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

Maximum value of SAR (measured) = 0.054 W/kg



0 dB = 0.054 W/kg

BL-SZ2550149-ATD

Meas.138 Body Plane with Back Side 10 mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.05.20

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.296

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 38.774$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.049 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.305 V/m; Power Drift = -0.09 dB

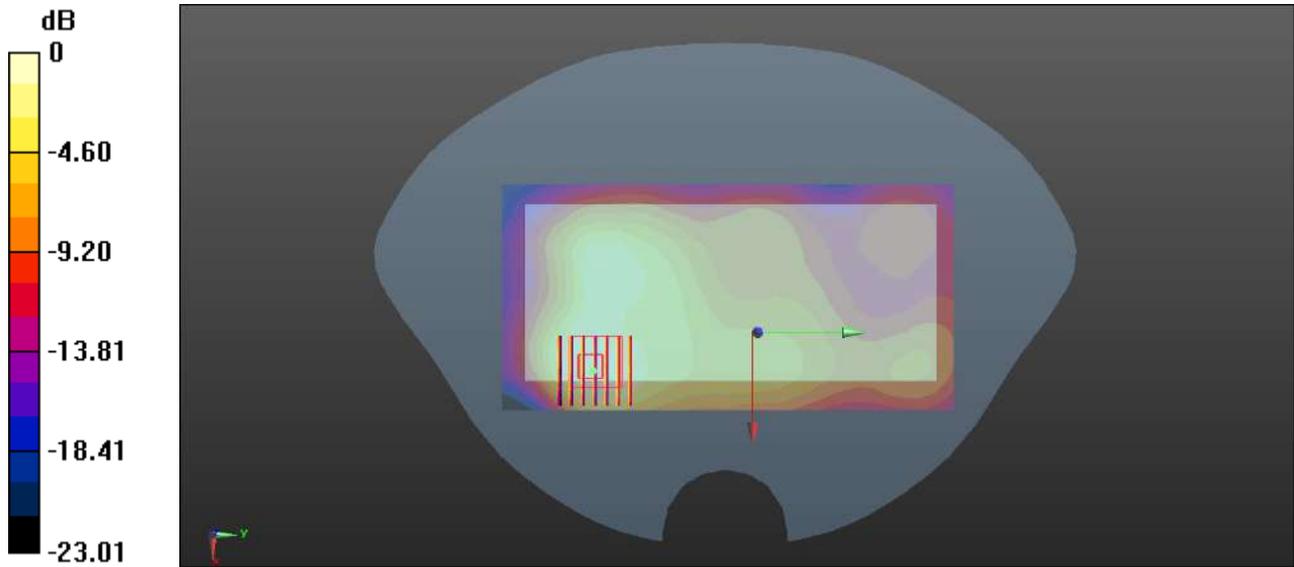
Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.036 W/kg



0 dB = 0.036 W/kg

BL-SZ2550149-ATD

Meas.139 Body Plane with Top Edge 0mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.05.20

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.296

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 38.774$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.9, 6.9, 6.9); Calibrated: 2025.04.24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.335 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.138 V/m; Power Drift = -0.02 dB

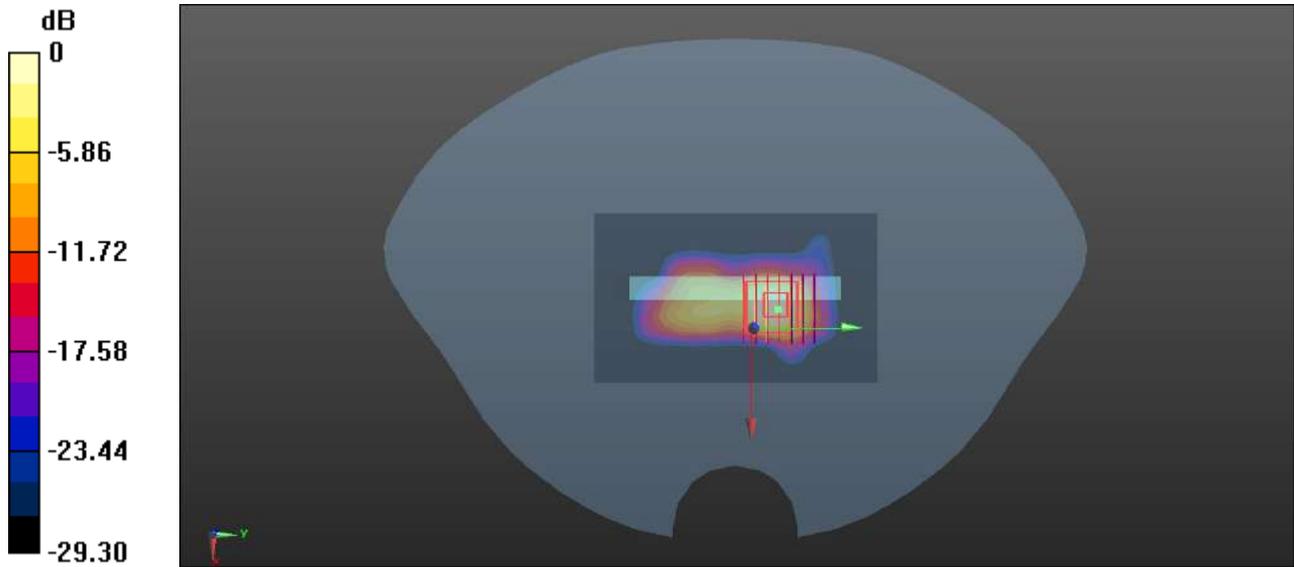
Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 40.1%

Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg

BL-SZ2550149-ATD

Meas.140 Body Plane with Bottom Edge 10mm on High Channel in WCDMA Band4 mode with Antenna 1

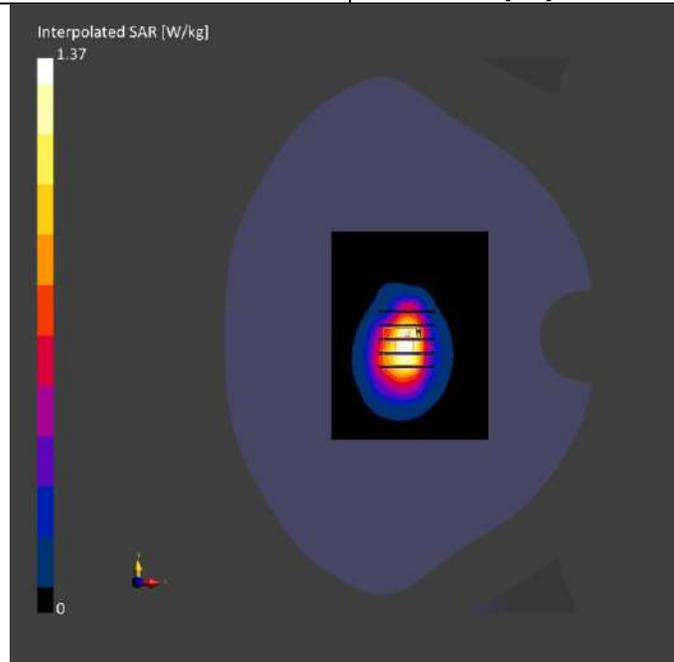
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.67	1.39	39.0	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Grid Steps [mm]		15.0 x 15.0	8.0 x 8.0 x 5.0	Date	2025-05-20
Sensor Surface [mm]	3.0	1.4	psSAR1g [W/kg]	0.749	0.806	psSAR10g [W/kg]	0.415	0.437	
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.06	Power Scaling	Disabled	Disabled	
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	M2/M1 [%]		62.3	Dist 3dB Peak [mm]		10.7	
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2550149-ATD

Meas.141 Body Plane with Bottom Edge 10mm on High Channel in WCDMA Band4 mode with Antenna 1

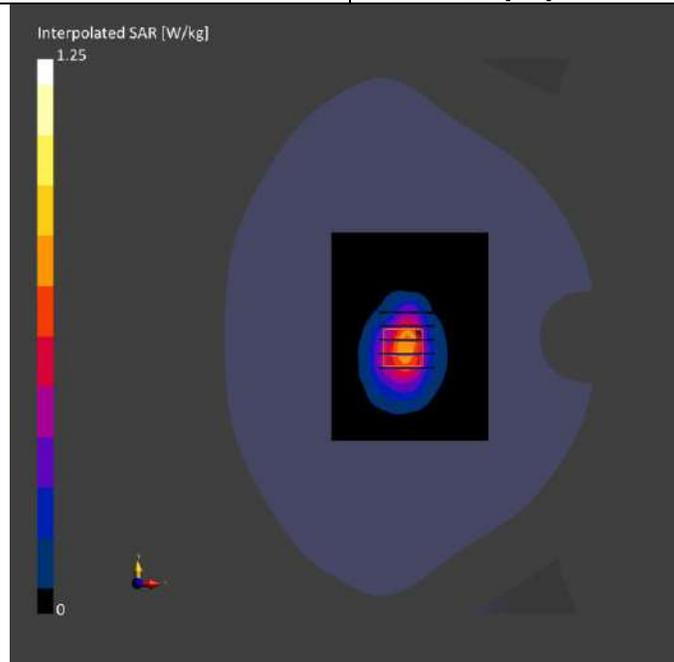
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.67	1.39	39.0	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-05-20	2025-05-20	psSAR1g [W/kg]	0.686
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.381	0.441	Power Drift [dB]	0.00	-0.08	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		62.3	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.2				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



Meas.142 Body Plane with Bottom Edge 10mm on High Channel in WCDMA Band4 mode with Antenna 1

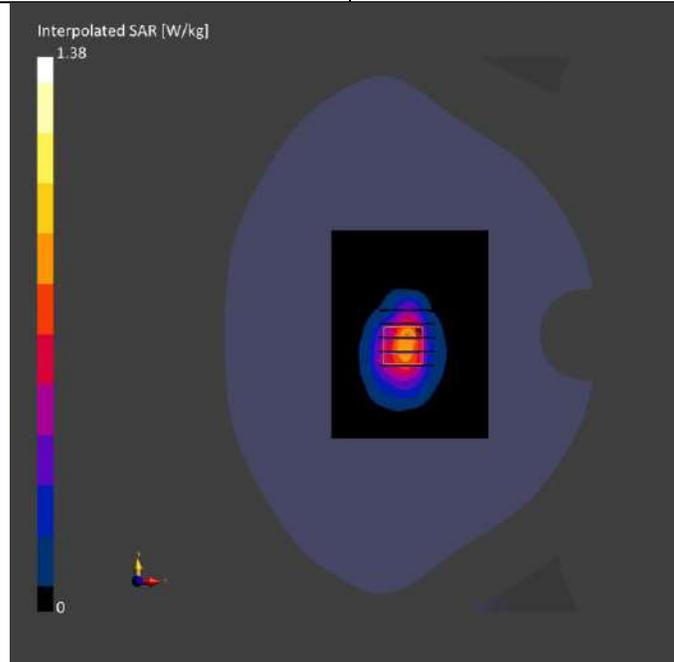
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.67	1.39	39.0	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-05-20	2025-05-20	psSAR1g [W/kg]	0.760
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.421	0.445	Power Drift [dB]	0.01	-0.08	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		62.2	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.7				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



Meas.143 Right Head with Tilt on Middle Channel in LTE Band4 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	40.4	22.1	21.1

Hardware Setup

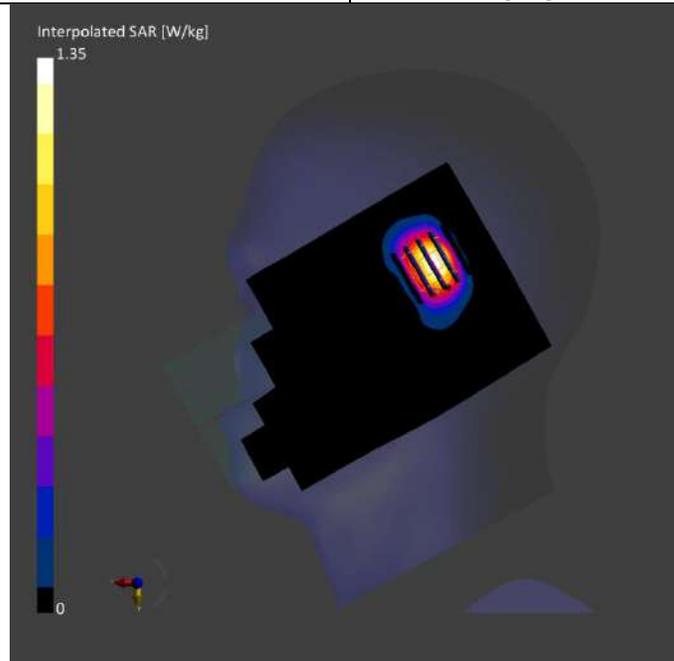
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-20	2025-05-20
psSAR1g [W/kg]	0.515	0.779
psSAR10g [W/kg]	0.274	0.372
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		8.0



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Meas.144 Right Head with Tilt on Middle Channel in LTE Band4 mode with Antenna 4

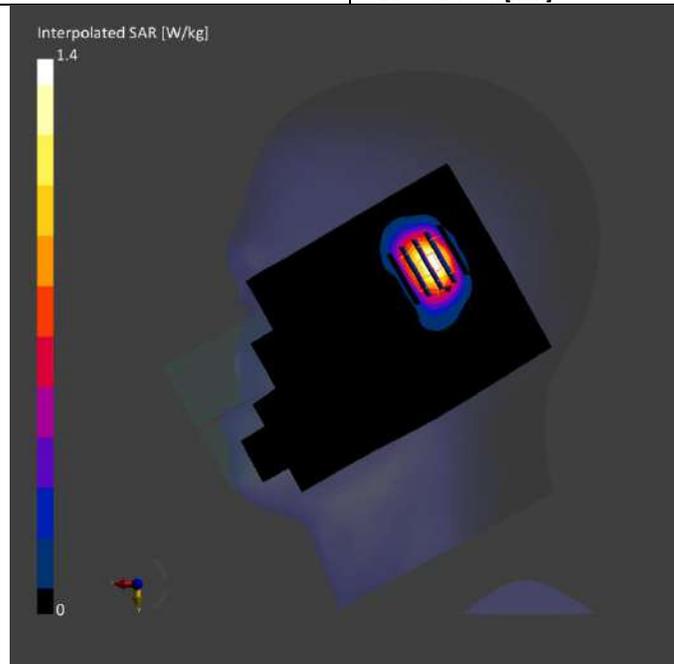
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	40.4	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-05-20	2025-05-20	psSAR1g [W/kg]	0.514
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.277	0.367	Power Drift [dB]	0.01	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		57.4	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		8.4				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.145 Right Head with Tilt on Middle Channel in LTE Band4 mode with Antenna 4

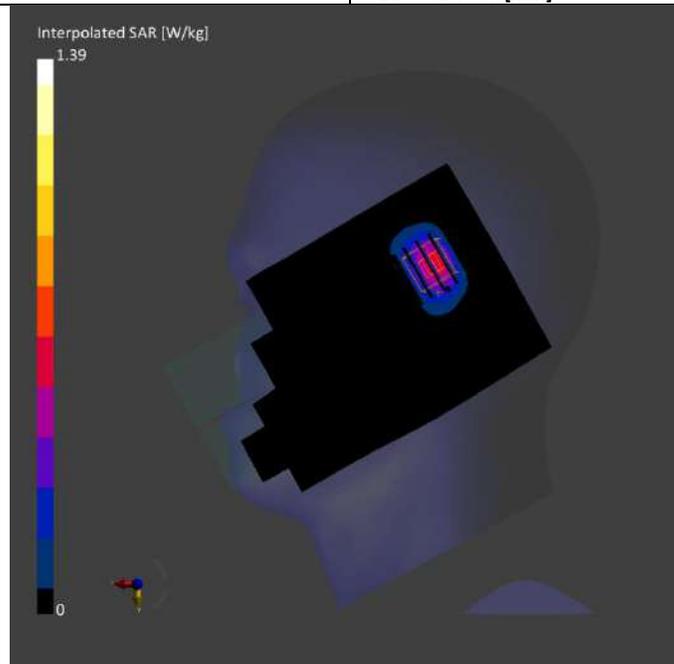
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.36	40.4	22.1	21.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-20	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results		
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-05-20	2025-05-20		
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.535	0.796		
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.282	0.378		
Graded Grid	Yes	Yes	Power Drift [dB]	0.00	-0.02		
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled		
MAIA	N/A	N/A	Scaling Factor [dB]				
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction		
Scan Method	Measured	Measured	M2/M1 [%]		60.2		
			Dist 3dB Peak [mm]		8.0		



Meas.146 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 7	LTE-FDD, 10297-AAE	2535.0, 21100	7.75	1.95	39.6	22.6	21.6

Hardware Setup

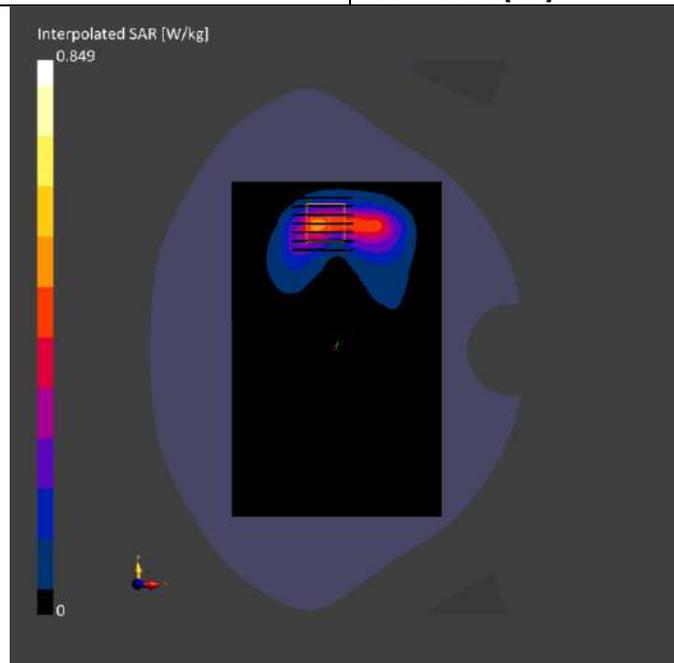
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-31	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-31	2025-05-31
psSAR1g [W/kg]	0.407	0.425
psSAR10g [W/kg]	0.189	0.199
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.4
Dist 3dB Peak [mm]		8.2



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Meas.147 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode with Antenna 1

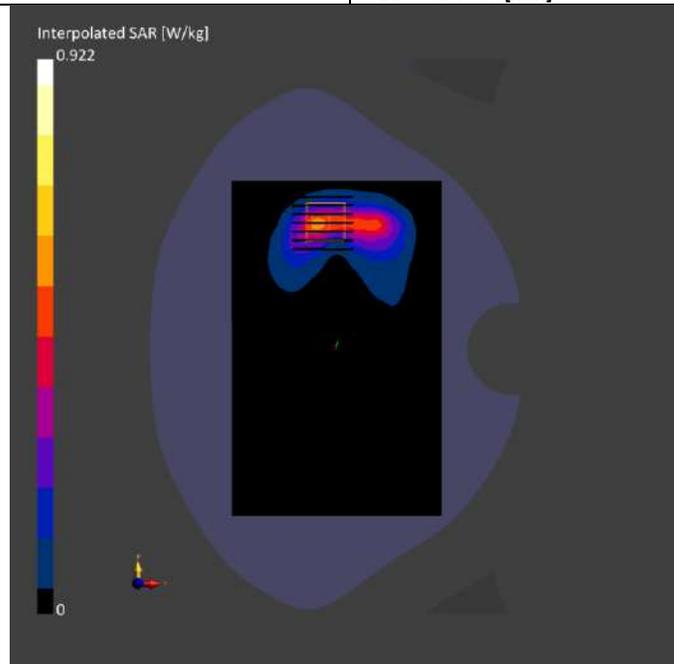
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 7	LTE-FDD, 10297-AAE	2535.0, 21100	7.75	1.95	39.6	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-31	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results		
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-05-31	2025-05-31		
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.439	0.459		
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.203	0.210		
Graded Grid	Yes	Yes	Power Drift [dB]	0.00	0.05		
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled		
MAIA	N/A	N/A	Scaling Factor [dB]				
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction		
Scan Method	Measured	Measured	M2/M1 [%]		50.3		
			Dist 3dB Peak [mm]		8.1		



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Meas.148 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode with Antenna 1

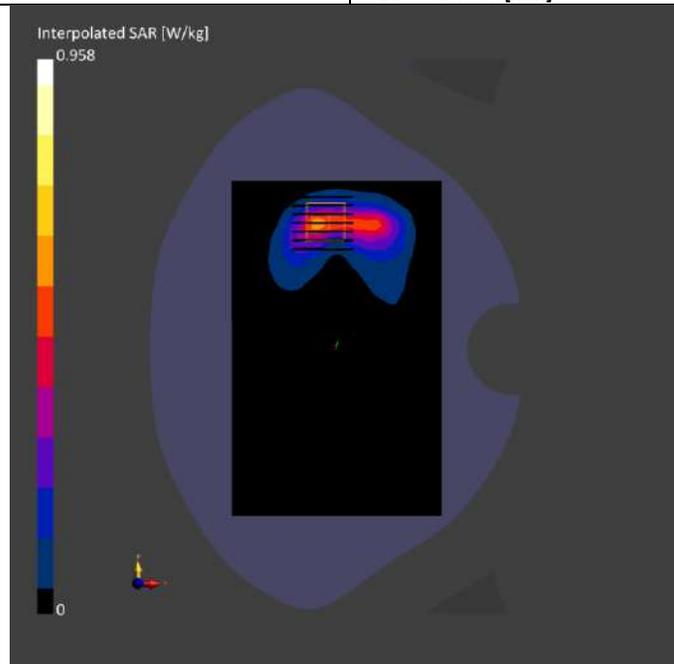
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 7	LTE-FDD, 10297-AAE	2535.0, 21100	7.75	1.95	39.6	22.6	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-05-31	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results		
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-05-31	2025-05-31		
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.455	0.475		
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.209	0.218		
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-0.01		
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled		
MAIA	N/A	N/A	Scaling Factor [dB]				
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction		
Scan Method	Measured	Measured	M2/M1 [%]		49.6		
			Dist 3dB Peak [mm]		7.6		



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Meas.149 Body Plane with Top Edge 0mm on High Channel in LTE Band41 mode with Antenna 4

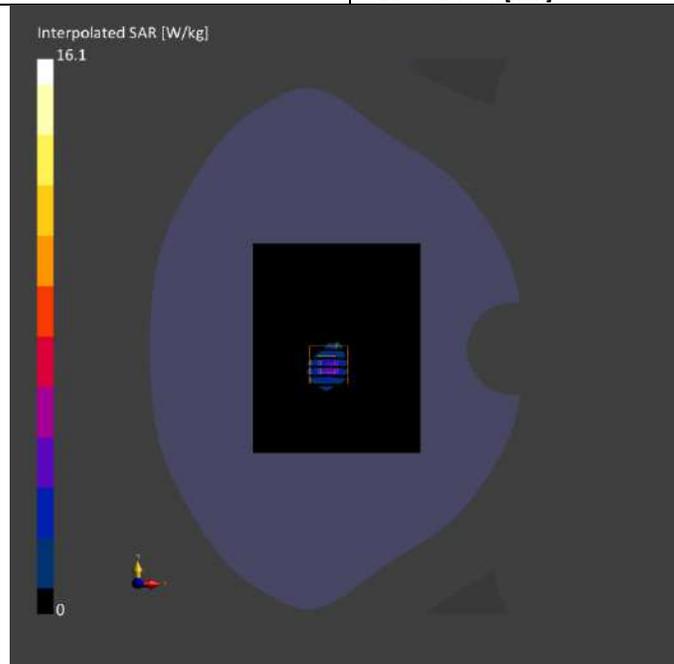
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	37.8	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-05-26	2025-05-26	2025-05-26
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	3.49	6.24	6.24	6.24	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	1.33	1.79	1.79	1.79	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	0.02	-0.07	-0.07	-0.07	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]		41.0	41.0	41.0	
				Dist 3dB Peak [mm]		5.0	5.0	5.0	



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Meas.150 Body Plane with Top Edge 0mm on High Channel in LTE Band41 mode with Antenna 4

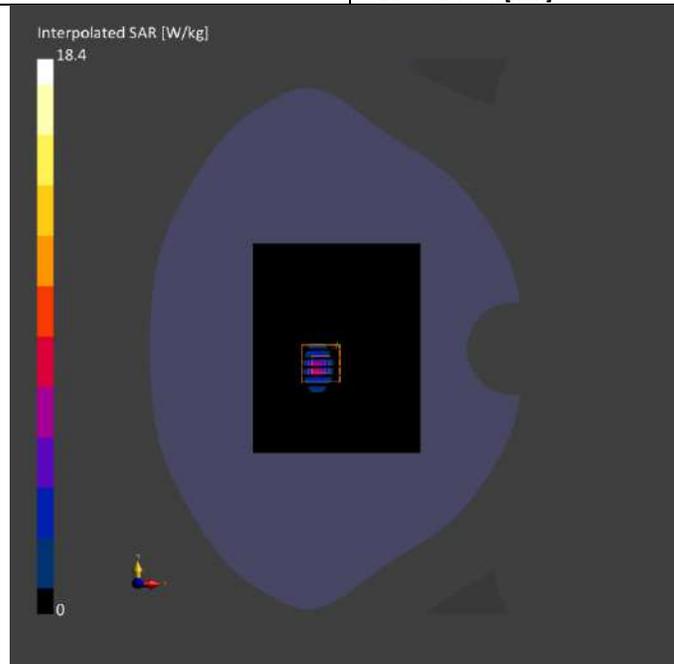
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	37.8	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		30.0 x 30.0 x 30.0	Date	2025-05-26	2025-05-26
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	5.06	6.50	6.50	
Sensor Surface [mm]	3.0	1.4	1.4	1.4	psSAR10g [W/kg]	1.57	1.81	1.81	
Graded Grid	Yes	Yes	Yes	Yes	Power Drift [dB]	0.00	-0.05	-0.05	
Grading Ratio	1.5	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	N/A	Scaling Factor [dB]				
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	Measured	M2/M1 [%]		34.4	34.4	
					Dist 3dB Peak [mm]		5.0	5.0	



BL-SZ2550149-ATD

Meas.151 Body Plane with Top Edge 0mm on High Channel in LTE Band41 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	37.8	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-05-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results		
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-05-26	2025-05-26		
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	5.93	6.56		
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.75	1.83		
Graded Grid	Yes	Yes	Power Drift [dB]	0.00	-0.02		
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled		
MAIA	N/A	N/A	Scaling Factor [dB]				
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction		
Scan Method	Measured	Measured	M2/M1 [%]		37.5		
			Dist 3dB Peak [mm]		5.0		

