

BL-SZ2571545-ATD

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

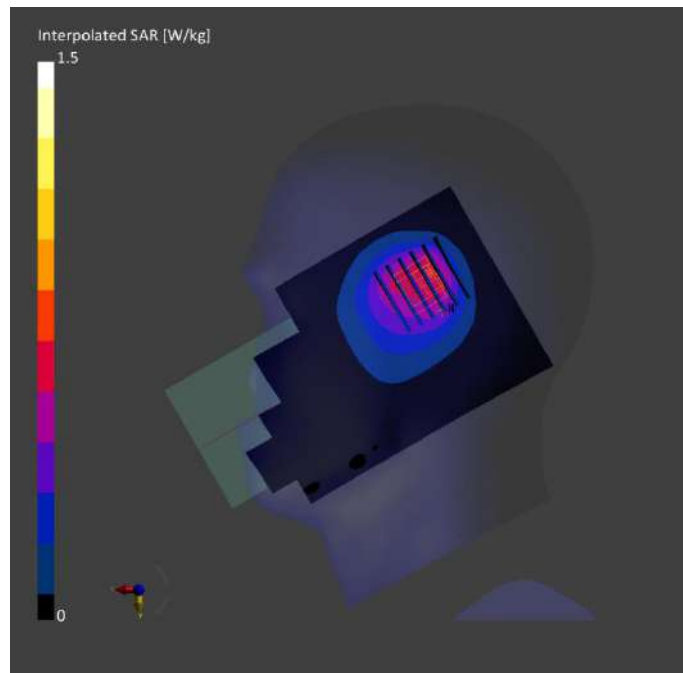
Exposure Conditions

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	848.8, 251	10.25	0.927	40.2	22.2	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	2025-07-31	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.646	0.744
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.438	0.445
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	0.02
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	All points	All points	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		46.4
			Dist 3dB Peak [mm]		10.3



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

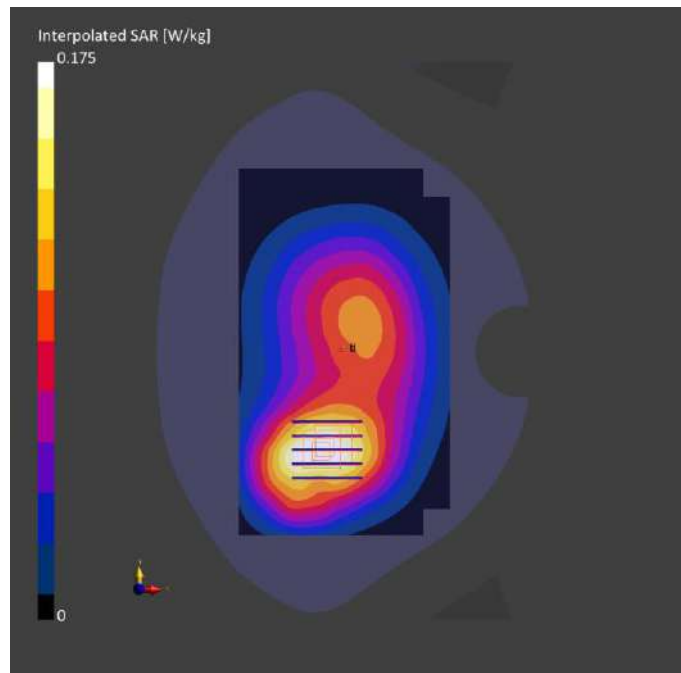
Exposure Conditions

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	848.8, 251	10.25	0.927	40.2	22.2	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	2025-07-31	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.113	0.120
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.078	0.084
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.01
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	All points	All points	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		66.6
			Dist 3dB Peak [mm]		16.0



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

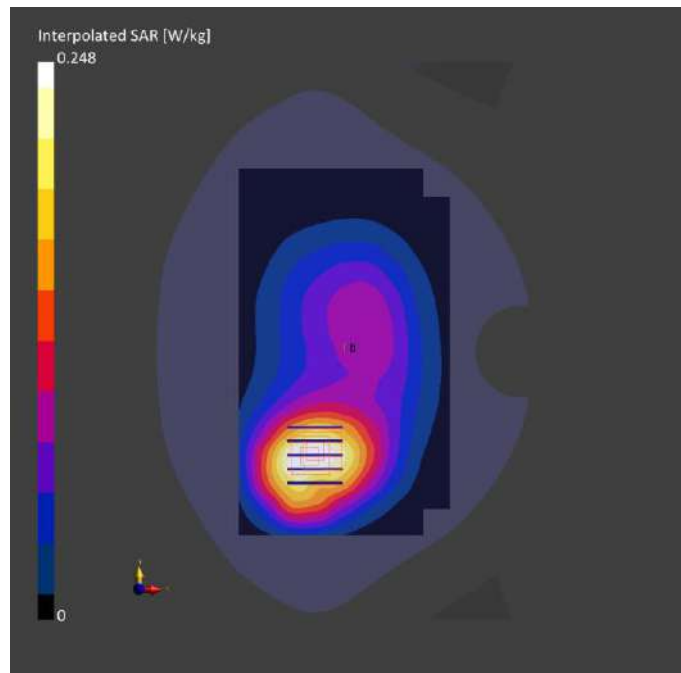
Exposure Conditions

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	848.8, 251	10.25	0.927	40.2	22.2	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	2025-07-31	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.158	0.162
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.107	0.109
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	0.03
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	All points	All points	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		61.4
			Dist 3dB Peak [mm]		16.0



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Meas.4 Right Head with Tilt on Low Channel in GPRS1900 3Slots mode with Antenna 4

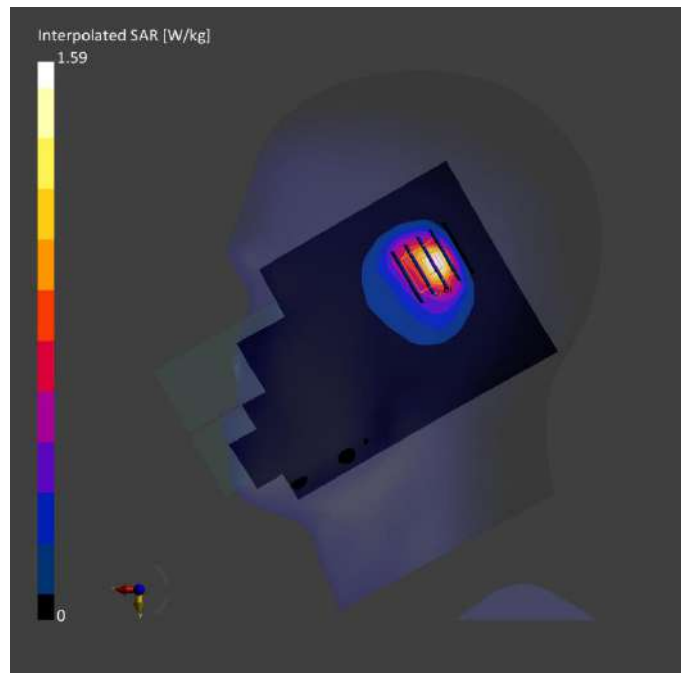
Exposure Conditions

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	TILT, 0.00	PCS 1900	GSM, 10027-DAC	1850.2, 512	7.34	1.36	41.4	22.3	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	2025-07-21	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.674	0.887
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.340	0.447
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.07
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	All points	All points	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		57.5
			Dist 3dB Peak [mm]		8.2



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Meas.5 Body Plane with Back Side 15mm on High Channel in GPRS1900 3Slots mode with Antenna 1

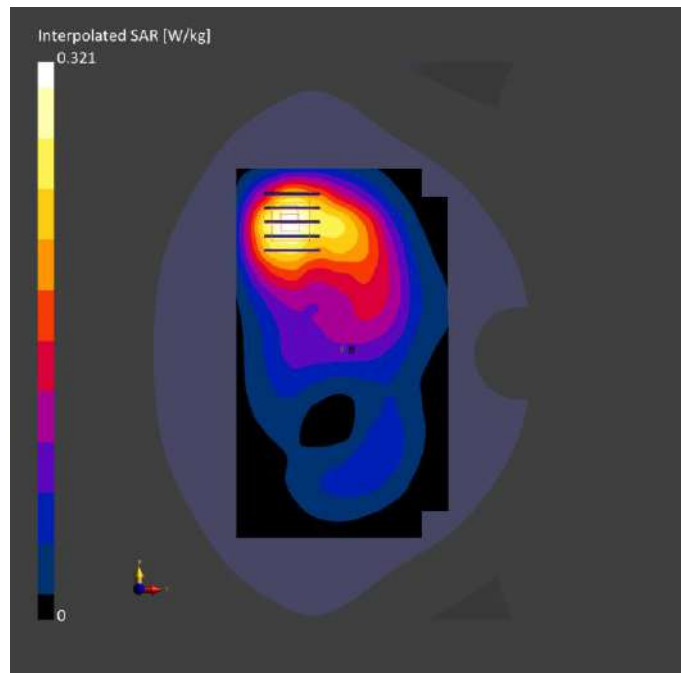
Exposure Conditions

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	PCS 1900	GSM, 10027-DAC	1909.8, 810	7.34	1.42	38.7	22.3	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	2025-07-21	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.201	0.210
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.121	0.130
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	0.01
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		65.8
			Dist 3dB Peak [mm]		14.8



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Meas.6 Body Plane with Bottom Edge 10mm on High Channel in GPRS1900 3Slots mode with Antenna 1

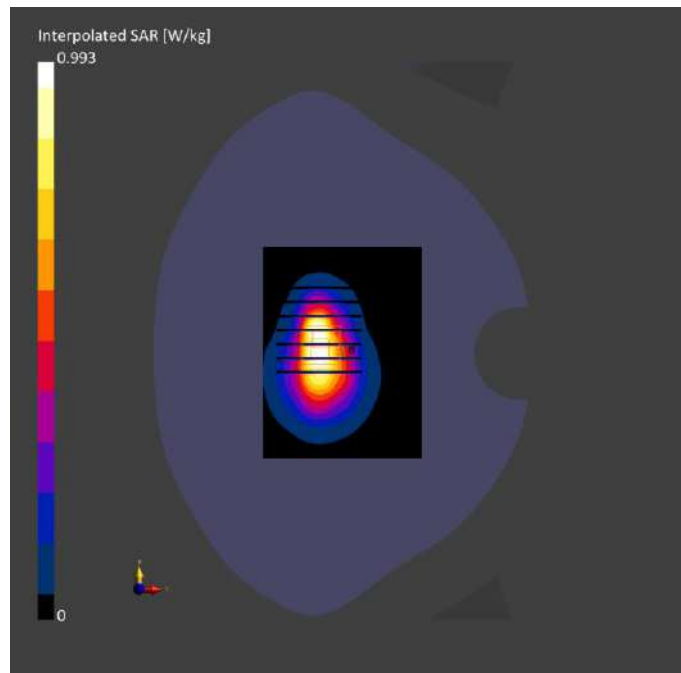
Exposure Conditions

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	PCS 1900	GSM, 10027-DAC	1909.8, 810	7.34	1.42	38.7	22.3	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 2025-07-21	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.568	0.622
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.318	0.352
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-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 [%]		63.2
			Dist 3dB Peak [mm]		9.7



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Meas.7 Right Head with Tilt on High Channel in WCDMA Band2 mode with Antenna 4

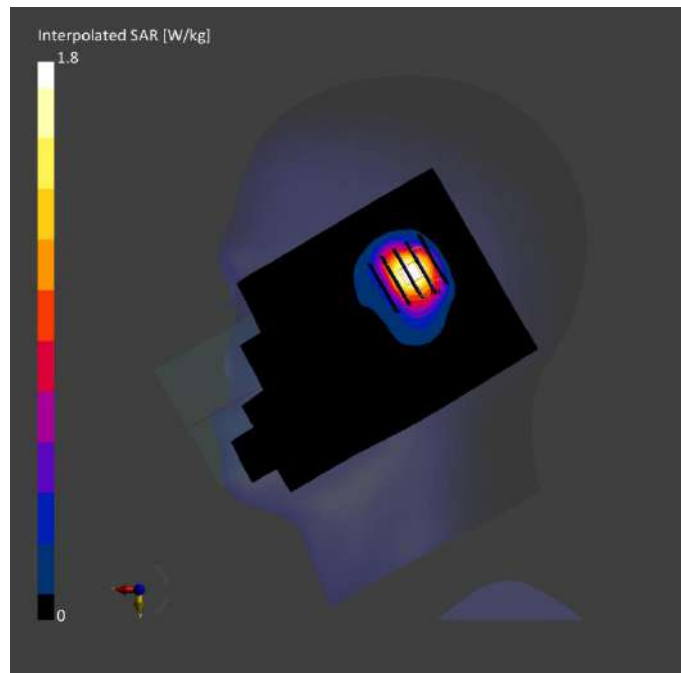
Exposure Conditions

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, 10011-CAC	1907.6, 9538	7.34	1.40	39.2	22.3	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	2025-07-21	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.554	0.907
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.291	0.413
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	0.04
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 [%]		50.5
			Dist 3dB Peak [mm]		8.4



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Meas.8 Body Plane with Front Side 15mm on High Channel in WCDMA Band2 mode with Antenna 4

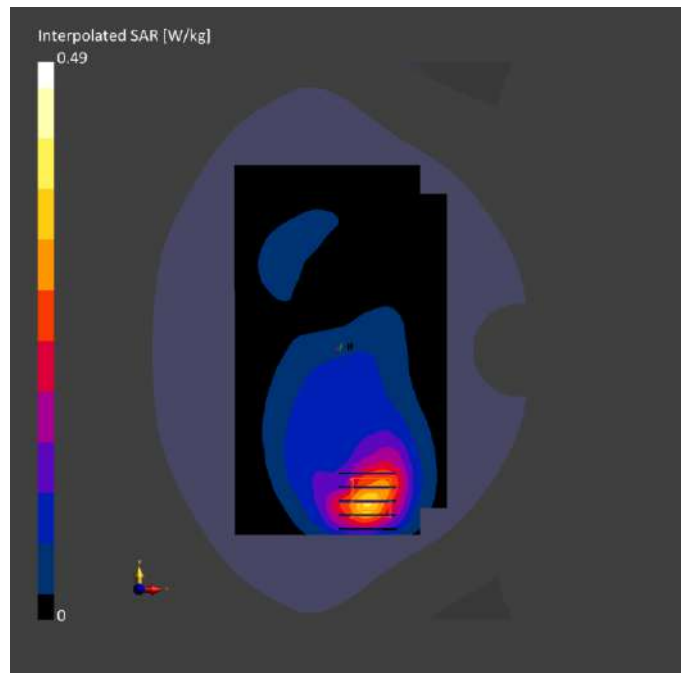
Exposure Conditions

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	FRONT, 15.00	Band 2	WCDMA, 10011-CAC	1907.6, 9538	7.34	1.40	39.2	22.3	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	2025-07-21	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.298	0.316
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.169	0.184
Graded Grid	Yes	Yes	Power Drift [dB]	0.00	-0.04
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 [%]		64.9
			Dist 3dB Peak [mm]		12.9



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Meas.9 Body Plane with Top Edge 10mm on High Channel in WCDMA Band2 mode with Antenna 4

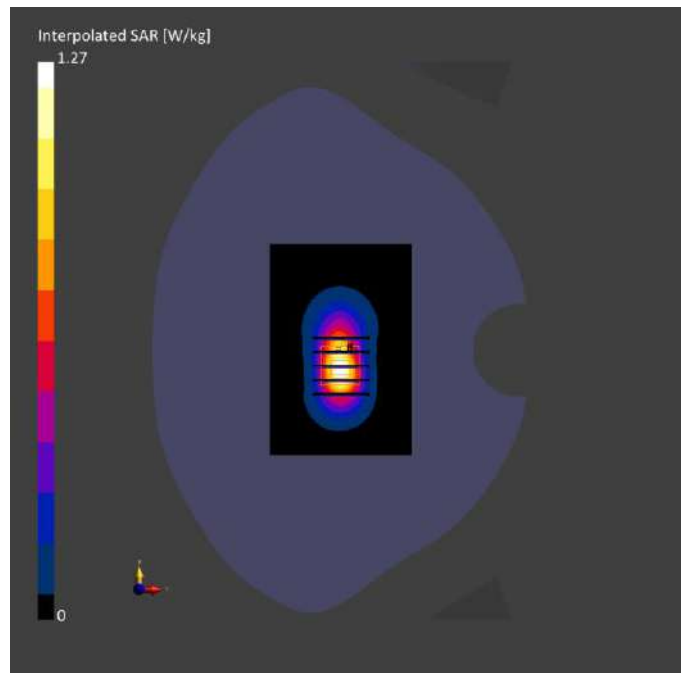
Exposure Conditions

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, 10011-CAC	1907.6, 9538	7.34	1.40	39.2	22.3	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	2025-07-21	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.690	0.724
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.345	0.388
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-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 [%]		59.3
			Dist 3dB Peak [mm]		9.3



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Meas.10 Body Plane with Top Edge 0mm on High Channel in WCDMA Band2 mode with Antenna 4

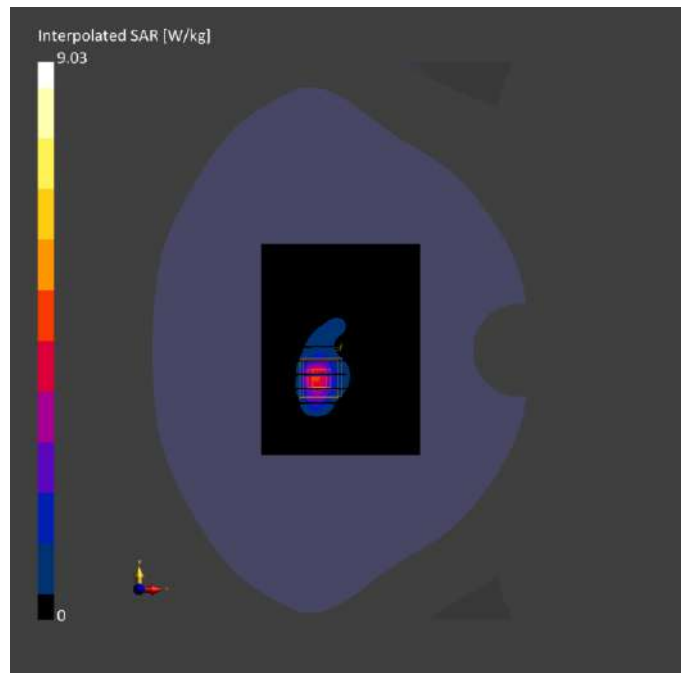
Exposure Conditions

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, 10011-CAC	1907.6, 9538	7.34	1.40	39.2	22.3	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	2025-07-21	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-21	2025-07-21
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	3.53	4.70
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.58	2.00
Graded Grid	Yes	Yes	Power Drift [dB]	-0.08	-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 [%]		53.7
			Dist 3dB Peak [mm]		8.0



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Meas.11 Right Head with Tilt on High Channel in WCDMA Band4 mode with Antenna 4

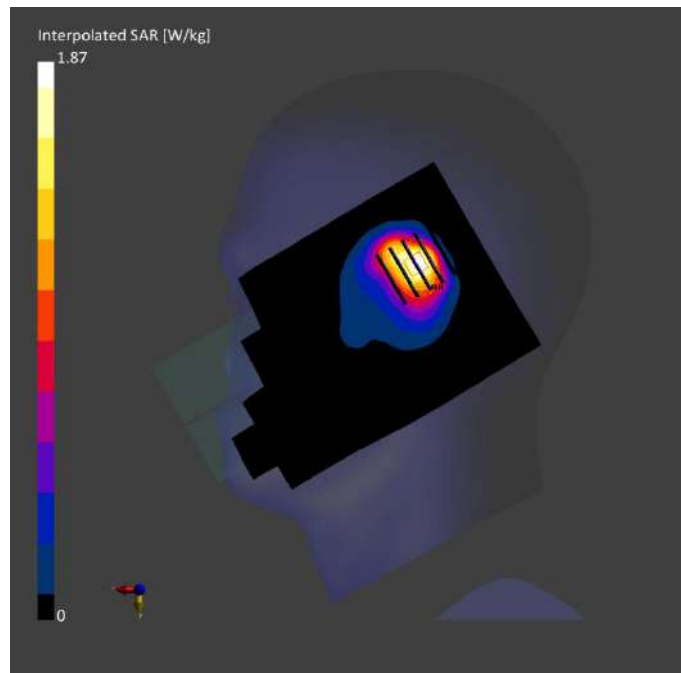
Exposure Conditions

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	1752.6, 1513	8.72	1.40	38.7	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.607	0.949
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.341	0.455
Graded Grid	Yes	Yes	Power Drift [dB]	-0.08	-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 [%]		52.6
			Dist 3dB Peak [mm]		8.4



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Meas.12 Body Plane with Front Side 15mm on Middle Channel in WCDMA Band4 mode with Antenna 1

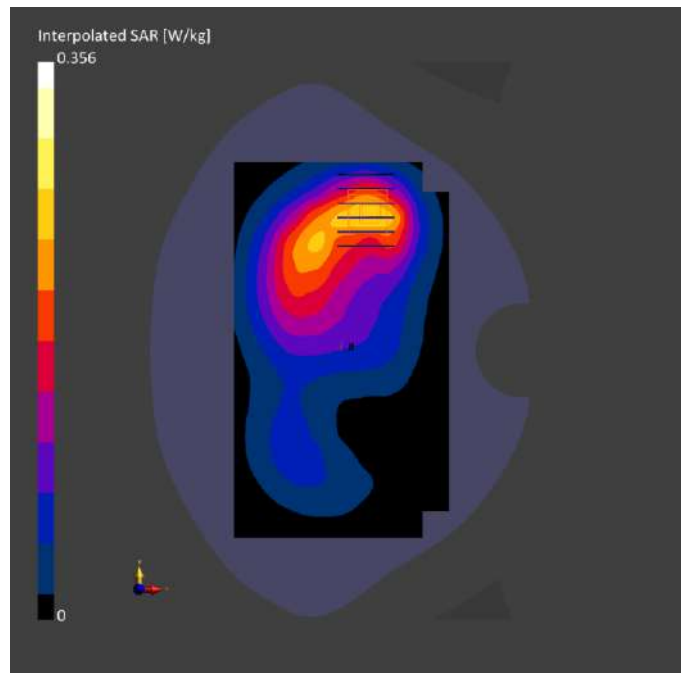
Exposure Conditions

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	FRONT, 15.00	Band 4	WCDMA, 10011-CAC	1732.4, 1412	8.72	1.34	40.5	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 2025-08-01	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.220	0.234
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.135	0.144
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-0.04
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 [%]		63.1
			Dist 3dB Peak [mm]		14.5



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Meas.13 Body Plane with Top Edge 10mm on High Channel in WCDMA Band4 mode with Antenna 4

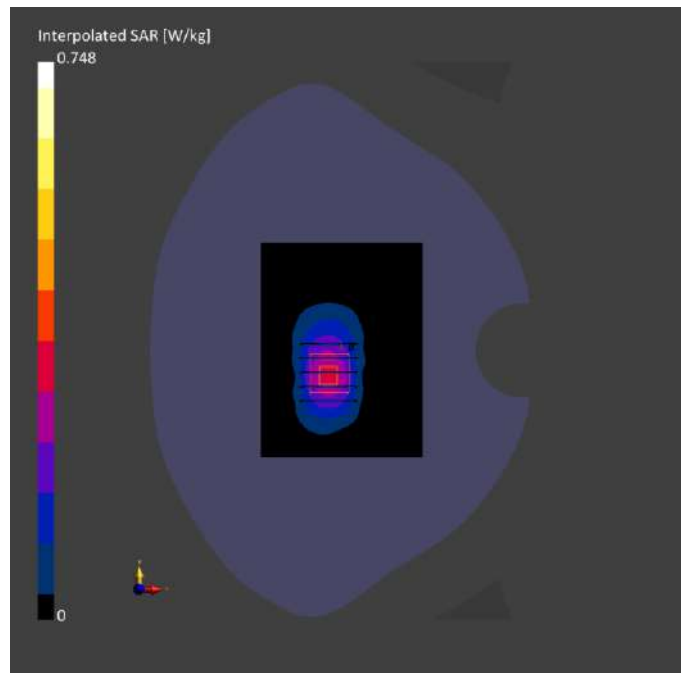
Exposure Conditions

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, 10.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.72	1.40	38.7	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.280	0.427
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.160	0.227
Graded Grid	Yes	Yes	Power Drift [dB]	-0.06	-0.03
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 [%]		58.4
			Dist 3dB Peak [mm]		9.3



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Meas.14 Body Plane with Top Edge 0mm on High Channel in WCDMA Band4 mode with Antenna 4

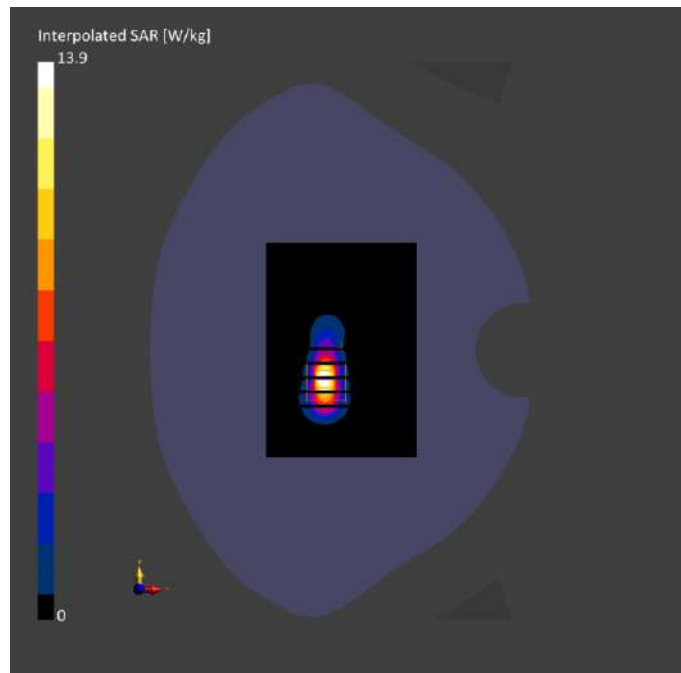
Exposure Conditions

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, 10011-CAC	1752.6, 1513	8.72	1.40	38.7	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	6.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	4.60	4.91
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.86	1.92
Graded Grid	Yes	Yes	Power Drift [dB]	-0.13	-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 [%]		44.8
			Dist 3dB Peak [mm]		8.8



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Meas.15 Right Head with Cheek on High Channel in WCDMA Band5 mode with Antenna 4

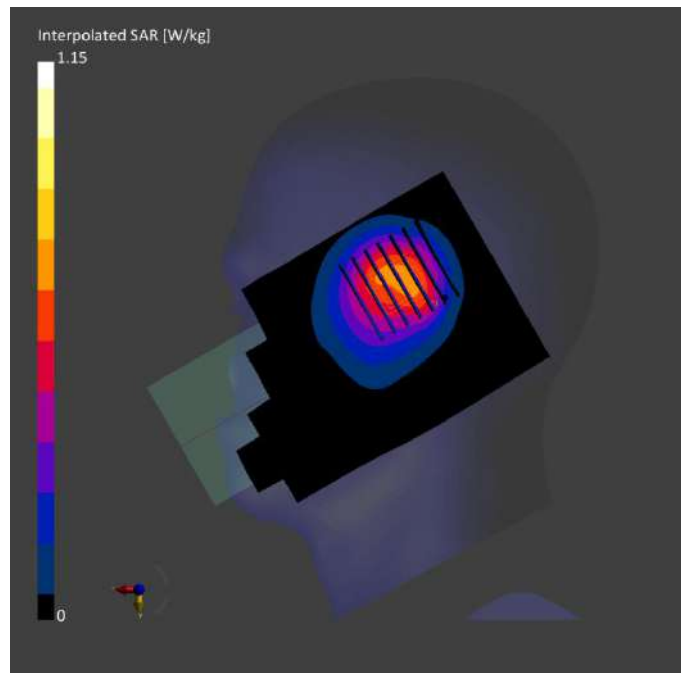
Exposure Conditions

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, 10011-CAC	846.6, 4233	10.25	0.925	40.4	22.2	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	2025-07-31	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.838	0.806
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.433	0.426
Graded Grid	Yes	Yes	Power Drift [dB]	0.08	-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 [%]		52.2
			Dist 3dB Peak [mm]		12.8



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Meas.16 Body Plane with Back Side 15mm on High Channel in WCDMA Band5 mode with Antenna 4

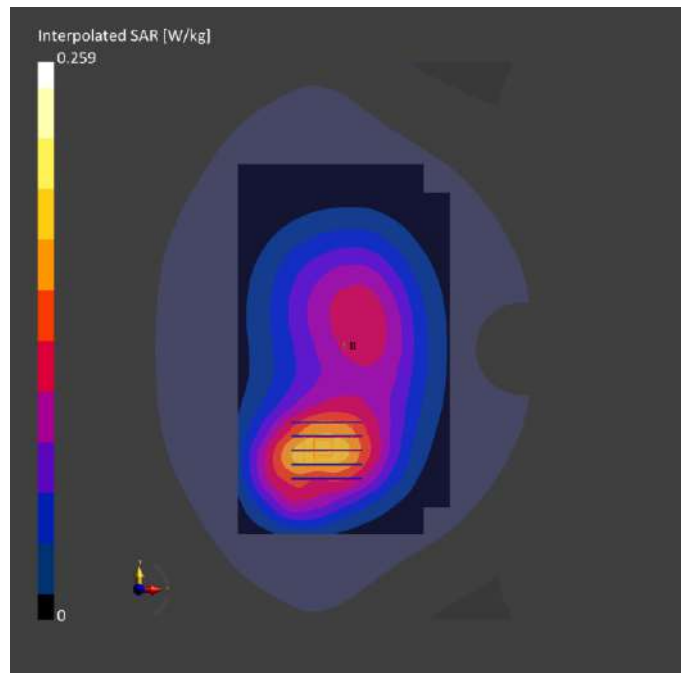
Exposure Conditions

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, 10457-AAB	846.6, 4233	10.25	0.925	40.4	22.2	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	2025-07-31	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.168	0.176
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.115	0.125
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	0.01
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	All points	All points	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		66.6
			Dist 3dB Peak [mm]		16.0



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Meas.17 Body Plane with Back Side 10mm on High Channel in WCDMA Band5 mode with Antenna 4

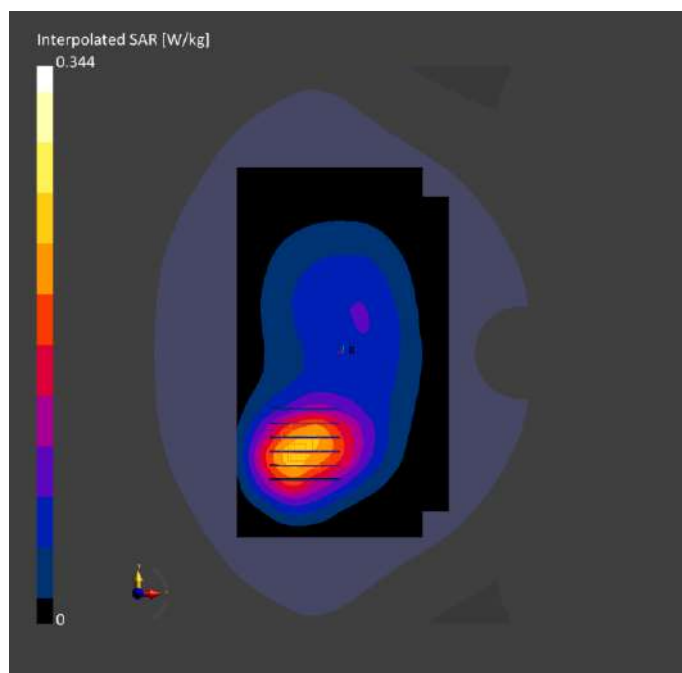
Exposure Conditions

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, 10.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	10.25	0.925	40.4	22.2	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	2025-07-31	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.215	0.220
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.146	0.140
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 [%]		59.6
			Dist 3dB Peak [mm]		15.8



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Meas.18 Right Head with Tilt on High Channel in LTE Band2 mode with Antenna 4

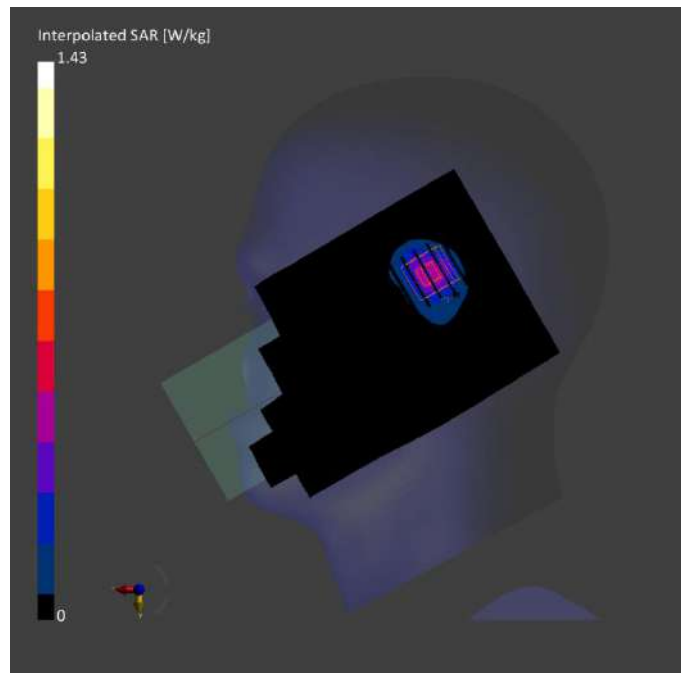
Exposure Conditions

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	7.34	1.41	40.6	22.1	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	2025-07-22	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-22	2025-07-22
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.456	0.725
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.238	0.330
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-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 [%]		48.1
			Dist 3dB Peak [mm]		8.4



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Meas.19 Body Plane with Front Side 15mm on High Channel in LTE Band2 mode with Antenna 4

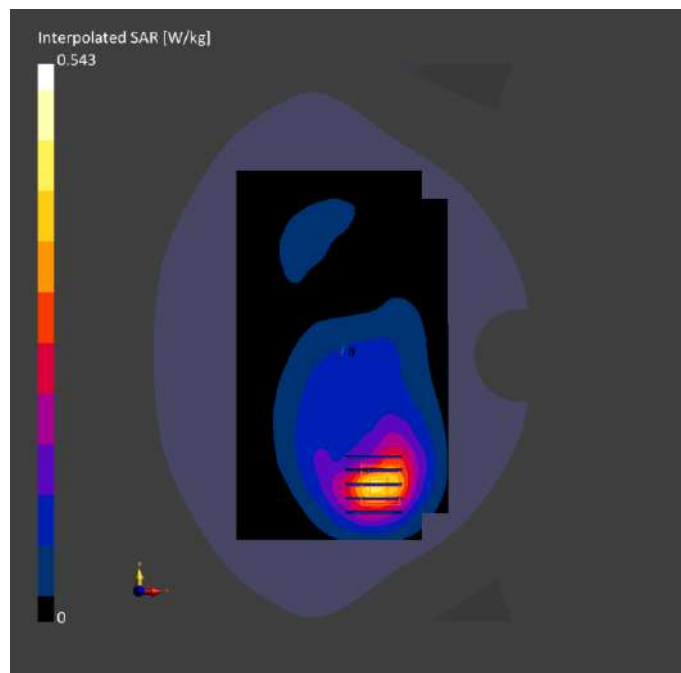
Exposure Conditions

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	FRONT, 15.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.34	1.41	40.6	22.1	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	2025-07-22	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-22	2025-07-22
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.349	0.366
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.198	0.221
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-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 [%]		67.2
			Dist 3dB Peak [mm]		13.8



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Meas.20 Body Plane with Top Edge 10mm on High Channel in LTE Band2 mode with Antenna 4

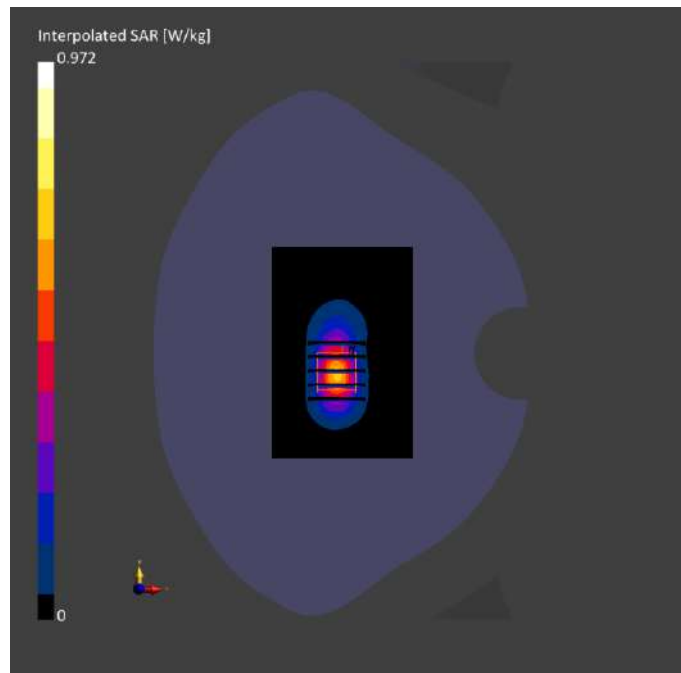
Exposure Conditions

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, 10.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.34	1.41	40.6	22.1	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	2025-07-22	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-22	2025-07-22
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.529	0.548
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.264	0.291
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	-0.06
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 [%]		58.5
			Dist 3dB Peak [mm]		9.6



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Meas.21 Body Plane with Top Edge 0mm on High Channel in LTE Band2 mode with Antenna 4

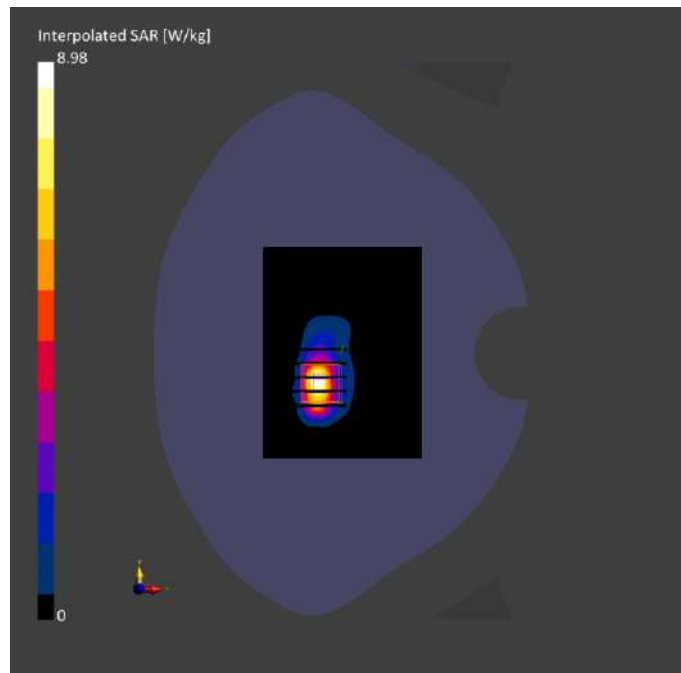
Exposure Conditions

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	7.34	1.41	40.6	22.1	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	2025-07-22	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-22	2025-07-22
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	3.46	4.36
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.57	1.82
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	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 [%]		46.8
			Dist 3dB Peak [mm]		8.4



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Meas.22 Right Head with Tilt on High Channel in LTE Band4 mode with Antenna 4

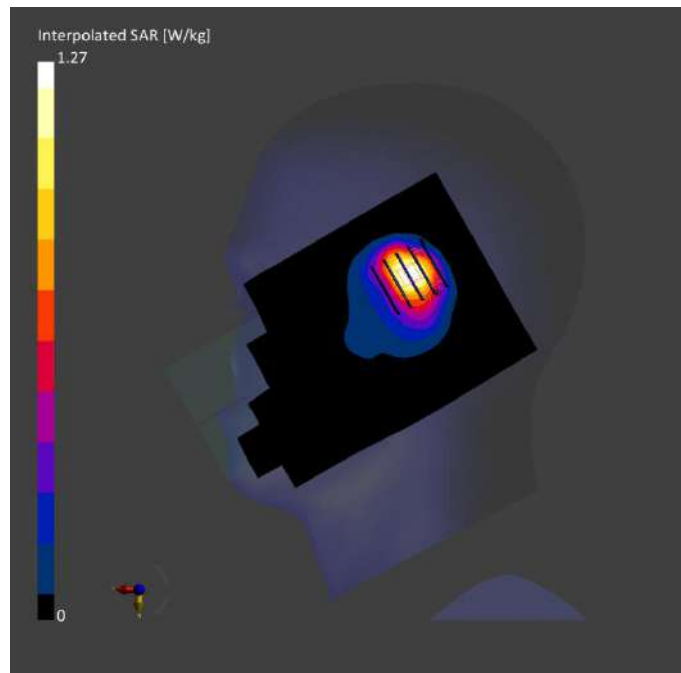
Exposure Conditions

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	1745.0, 20300	8.72	1.39	39.9	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.498	0.730
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.271	0.357
Graded Grid	Yes	Yes	Power Drift [dB]	0.08	-0.07
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 [%]		54.9
			Dist 3dB Peak [mm]		8.0



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Meas.23 Body Plane with Front Side 15mm on High Channel in LTE Band4 mode with Antenna 1

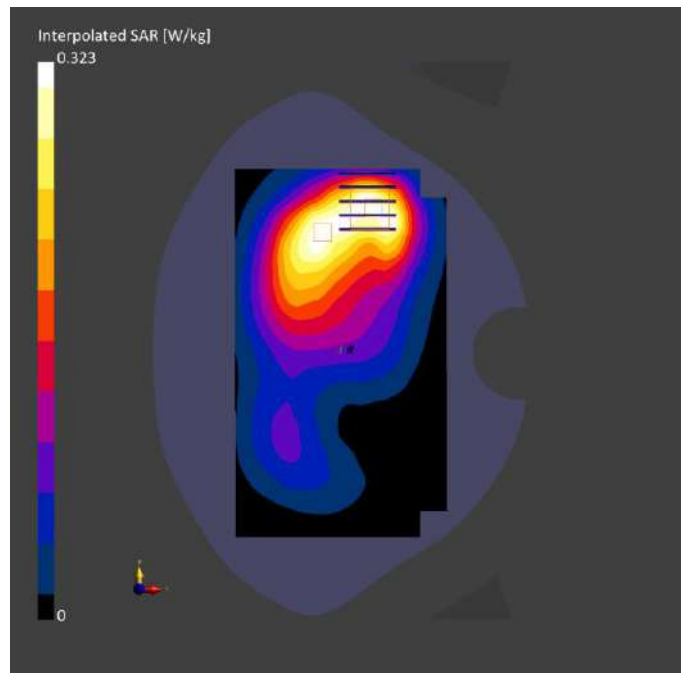
Exposure Conditions

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	FRONT, 15.00	Band 4	LTE-FDD, 10169-CAF	1745.0, 20300	8.72	1.39	38.9	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.197	0.216
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.124	0.134
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	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 [%]		68.1
			Dist 3dB Peak [mm]		14.5



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Meas.24 Body Plane with Top Edge 10mm on High Channel in LTE Band4 mode with Antenna 4

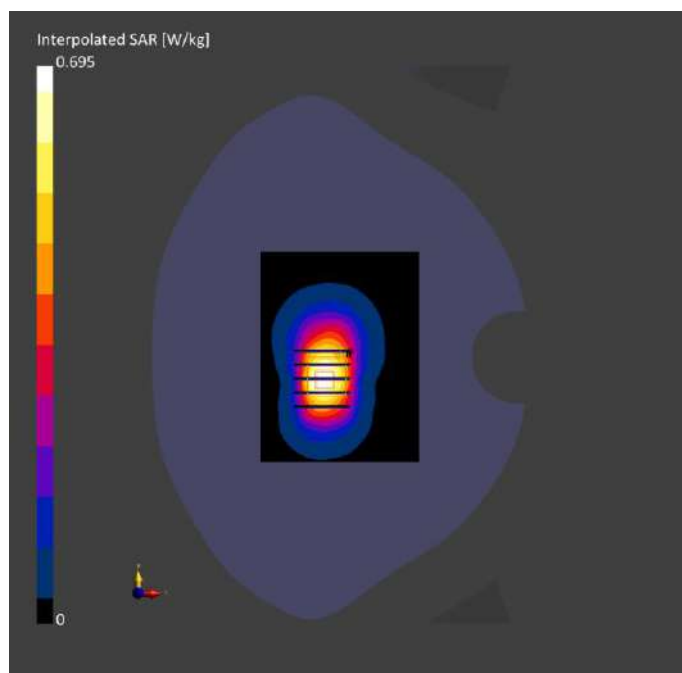
Exposure Conditions

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, 10.00	Band 4	LTE-FDD, 10169-CAF	1745.0, 20300	8.72	1.39	38.9	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.325	0.429
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.187	0.232
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	-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 [%]		63.5
			Dist 3dB Peak [mm]		8.0



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Meas.25 Body Plane with Top Edge 0mm on High Channel in LTE Band4 mode with Antenna 4

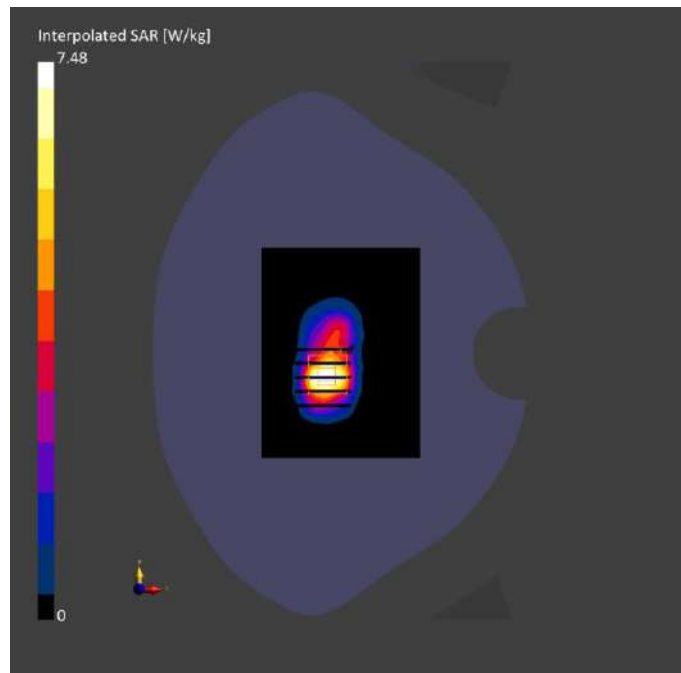
Exposure Conditions

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	1745.0, 20300	8.72	1.39	38.9	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	2025-08-01	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-01	2025-08-01
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	1.88	3.63
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.987	1.52
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	-0.03
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 [%]		41.3
			Dist 3dB Peak [mm]		8.8



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Meas.26 Right Head with Cheek on High Channel in LTE Band5 mode with Antenna 4

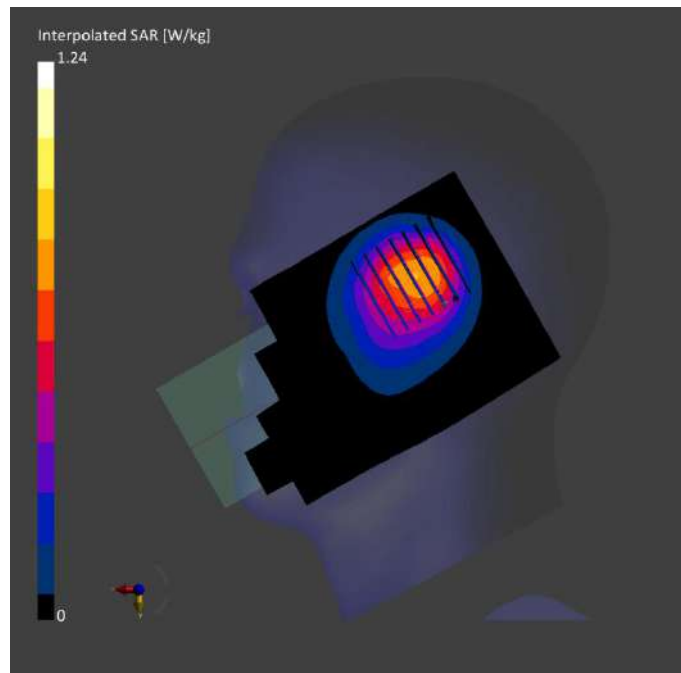
Exposure Conditions

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	10.25	0.923	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 2025-07-29	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.720	0.882
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.490	0.479
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 [%]		57.5
			Dist 3dB Peak [mm]		13.2



BL-SZ2571545-ATD

Meas.27 Body Plane with Back Side 15mm on High Channel in LTE Band5 mode with Antenna 0

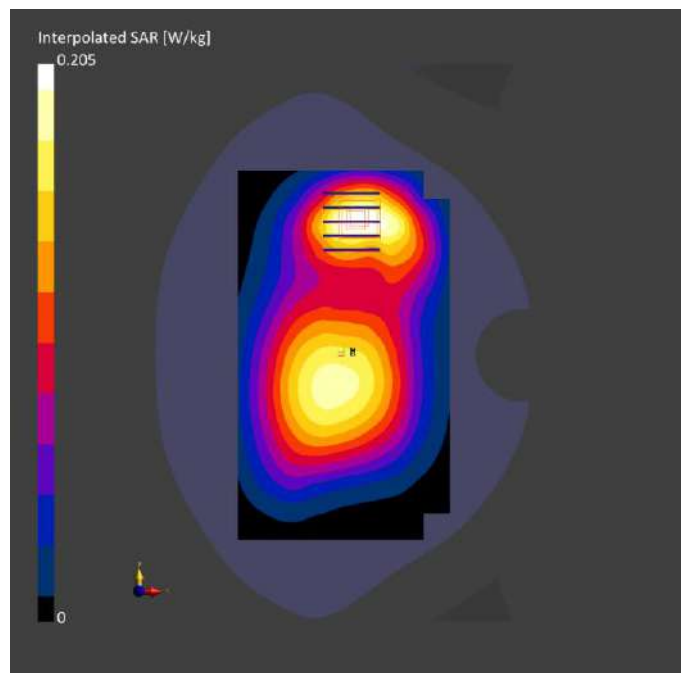
Exposure Conditions

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	10.25	0.923	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	2025-07-29	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.138	0.141
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.093	0.093
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.03
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 [%]		69.5
			Dist 3dB Peak [mm]		20.9



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Meas.28 Body Plane with Back Side 10mm on Middle Channel in LTE Band5 mode with Antenna 4

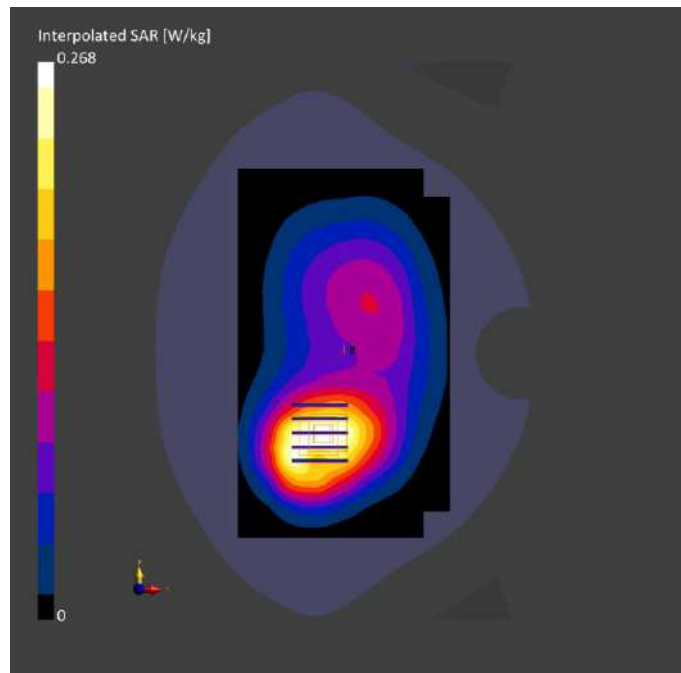
Exposure Conditions

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	836.5, 20525	10.25	0.896	41.4	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	2025-07-29	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.169	0.178
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.115	0.118
Graded Grid	Yes	Yes	Power Drift [dB]	-0.09	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 [%]		67.1
			Dist 3dB Peak [mm]		19.3



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Meas.29 Right Head with Cheek on Middle Channel in LTE Band7 mode with Antenna 4

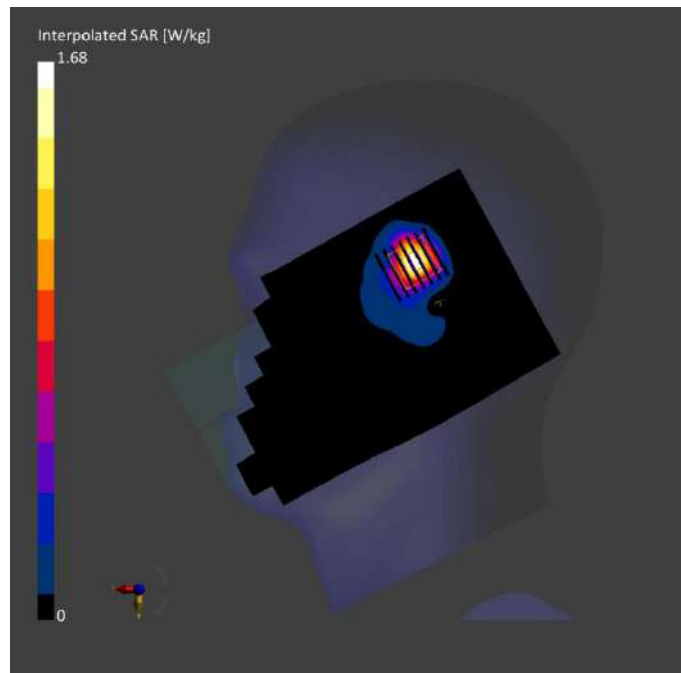
Exposure Conditions

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	CHEEK, 0.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.06	1.89	39.4	22.3	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	2025-07-25	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-25	2025-07-25
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.670	0.763
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.294	0.325
Graded Grid	Yes	Yes	Power Drift [dB]	-0.11	0.06
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 [%]		46.4
			Dist 3dB Peak [mm]		7.6



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Meas.30 Body Plane with Back Side 15mm on High Channel in LTE Band7 mode with Antenna 4

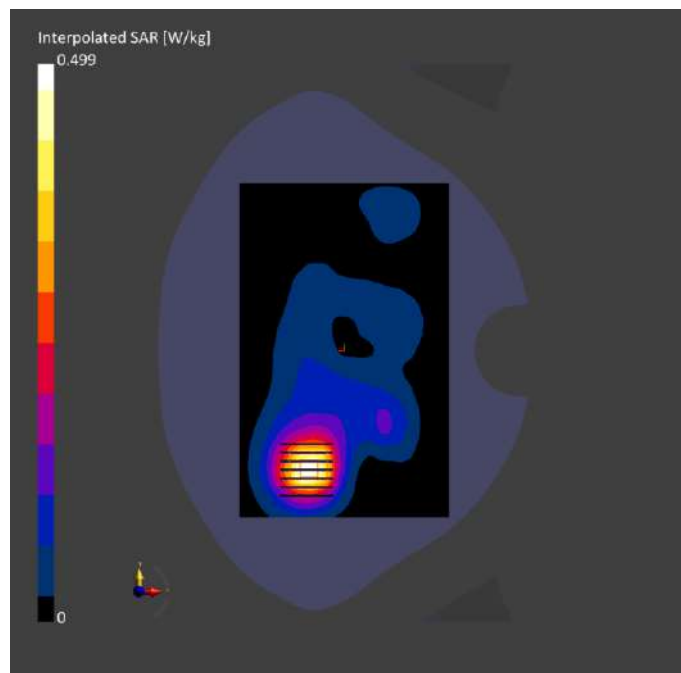
Exposure Conditions

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	BACK, 15.00	Band 7	LTE-FDD, 10169-CAF	2560.0, 21350	7.06	1.92	39.3	22.3	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	2025-07-25	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-25	2025-07-25
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.282	0.294
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.146	0.158
Graded Grid	Yes	Yes	Power Drift [dB]	0.05	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 [%]		59.0
			Dist 3dB Peak [mm]		12.8



BL-SZ2571545-ATD

Meas.31 Body Plane with Top Edge 10mm on High Channel in LTE Band7 mode with Antenna 4

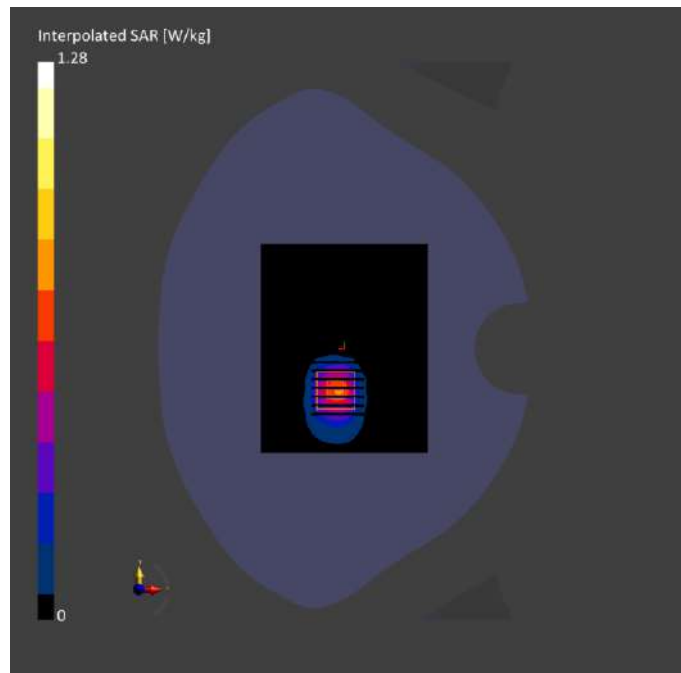
Exposure Conditions

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, 10.00	Band 7	LTE-FDD, 10169-CAF	2560.0, 21350	7.06	1.92	39.3	22.3	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	2025-07-25	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-07-25	2025-07-25
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.602	0.680
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.280	0.322
Graded Grid	Yes	Yes	Power Drift [dB]	0.00	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 [%]		54.6
			Dist 3dB Peak [mm]		9.0



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Meas.32 Body Plane with Bottom Edge 0mm on High Channel in LTE Band7 mode with Antenna 1

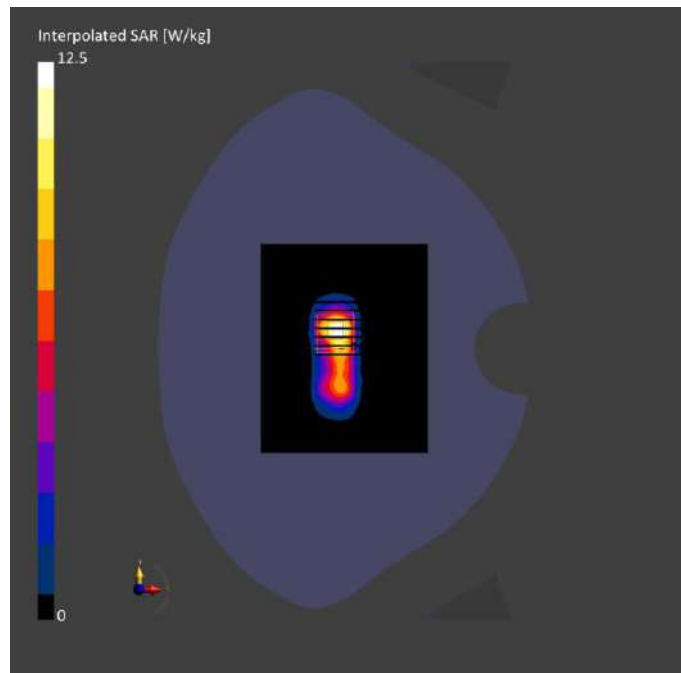
Exposure Conditions

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	EDGE BOTTOM, 0.00	Band 7	LTE-FDD, 10169-CAF	2560.0, 21350	7.06	1.92	39.3	22.3	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 2025-07-25	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-07-25	2025-07-25
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	3.61	2.74
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.55	1.74
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.04
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 [%]		49.4
			Dist 3dB Peak [mm]		6.0



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Meas.33 Right Head with Cheek on Middle Channel in LTE Band18 mode with Antenna 4

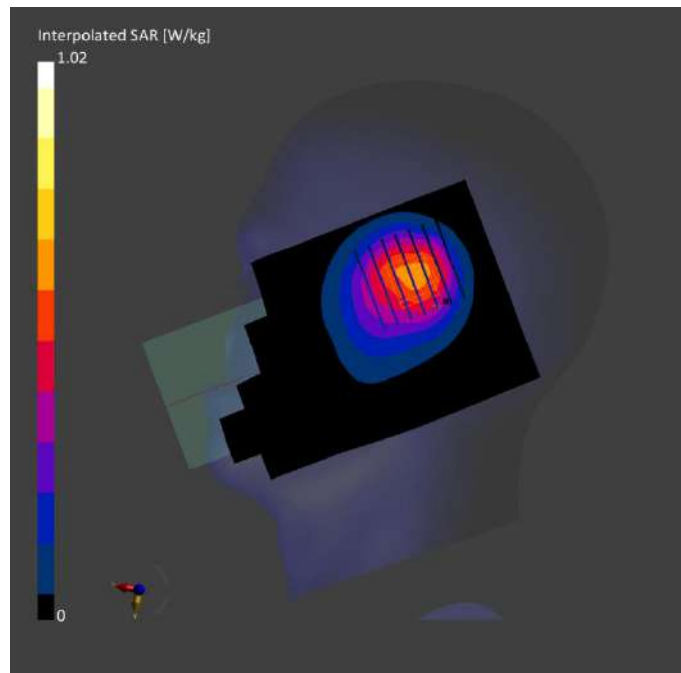
Exposure Conditions

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	10.25	0.885	42.5	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	2025-07-27	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.548	0.576
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.374	0.367
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	-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 [%]		51.6
			Dist 3dB Peak [mm]		11.4



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Meas.34 Body Plane with Back Side 15mm on Middle Channel in LTE Band18 mode with Antenna 0

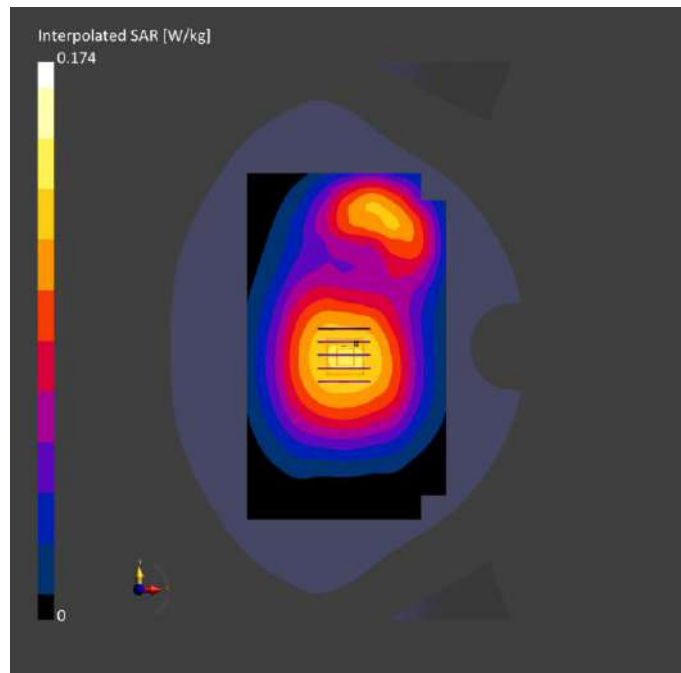
Exposure Conditions

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	10.25	0.885	42.5	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	2025-07-27	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.118	0.141
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.084	0.110
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.08
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 [%]		81.9
			Dist 3dB Peak [mm]		16.0



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Meas.35 Body Plane with Back Side 10mm on Middle Channel in LTE Band18 mode with Antenna 4

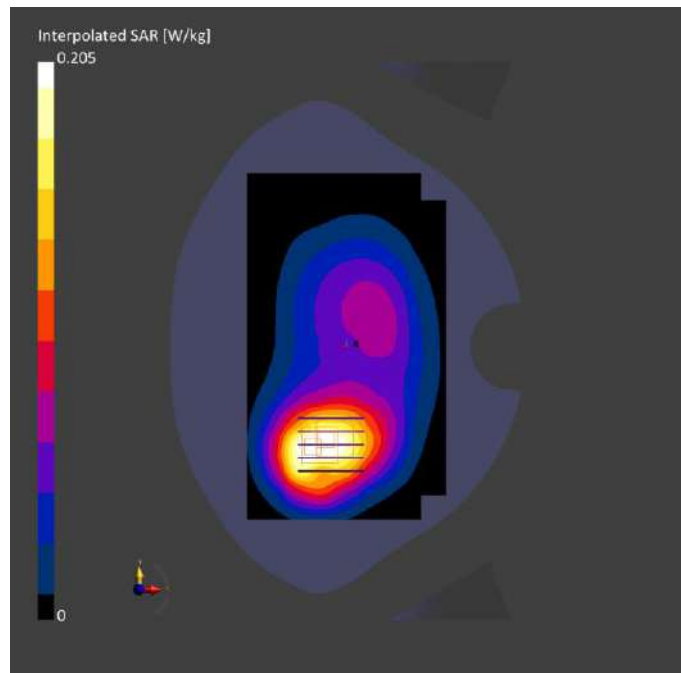
Exposure Conditions

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	10.25	0.885	42.5	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	2025-07-27	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.133	0.133
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.091	0.088
Graded Grid	Yes	Yes	Power Drift [dB]	-0.04	0.03
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 [%]		62.1
			Dist 3dB Peak [mm]		17.9



BL-SZ2571545-ATD

Meas.36 Right Head with Cheek on Middle Channel in LTE Band19 mode with Antenna 4

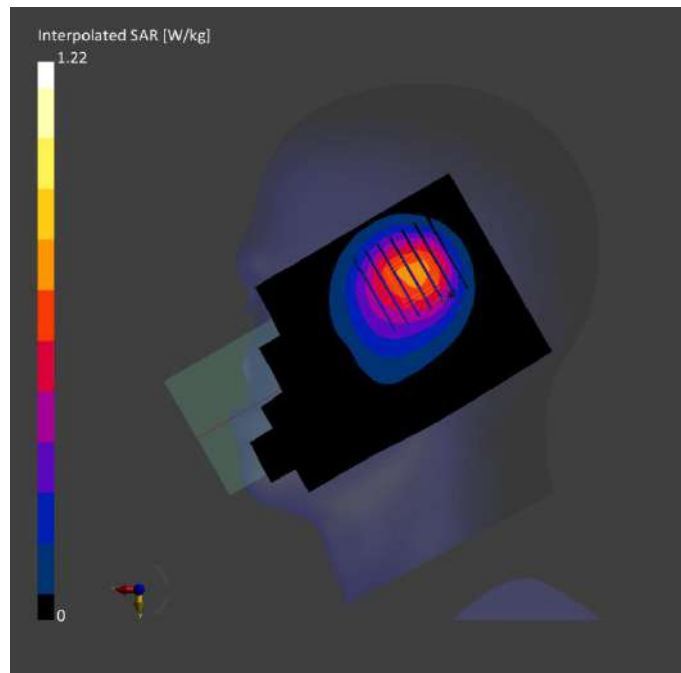
Exposure Conditions

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	10.25	0.900	41.9	22.4	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	2025-07-28	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-28	2025-07-28
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.653	0.693
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.446	0.444
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	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 [%]		52.6
			Dist 3dB Peak [mm]		12.8



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Meas.37 Body Plane with Back Side 15mm on Middle Channel in LTE Band19 mode with Antenna 0

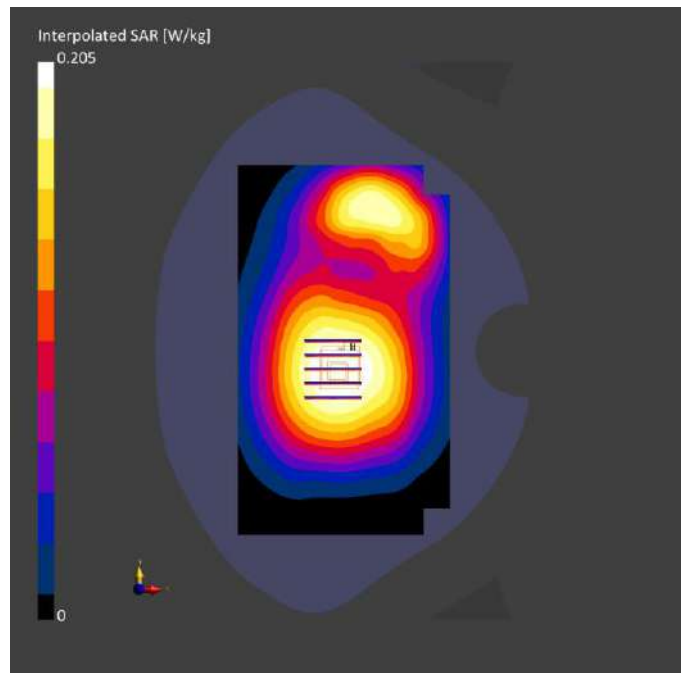
Exposure Conditions

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	10.25	0.900	41.9	22.4	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	2025-07-28	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-28	2025-07-28
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.137	0.165
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.097	0.129
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-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 [%]		82.1
			Dist 3dB Peak [mm]		16.0



BL-SZ2571545-ATD

Meas.38 Body Plane with Back Side 10mm on Middle Channel in LTE Band19 mode with Antenna 4

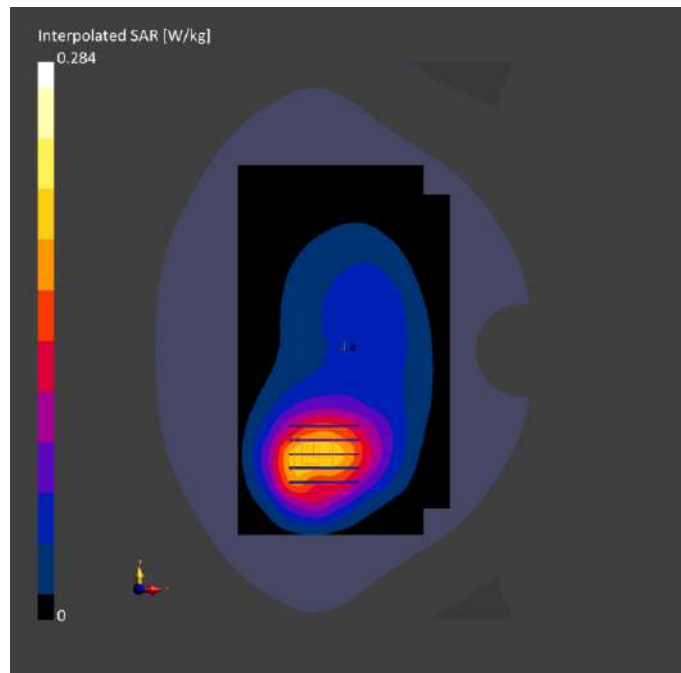
Exposure Conditions

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	10.25	0.900	41.9	22.4	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	2025-07-28	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-28	2025-07-28
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.186	0.188
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.126	0.124
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.06
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 [%]		62.9
			Dist 3dB Peak [mm]		19.3



BL-SZ2571545-ATD

Meas.39 Right Head with Cheek on Middle Channel in LTE Band26 mode with Antenna 4

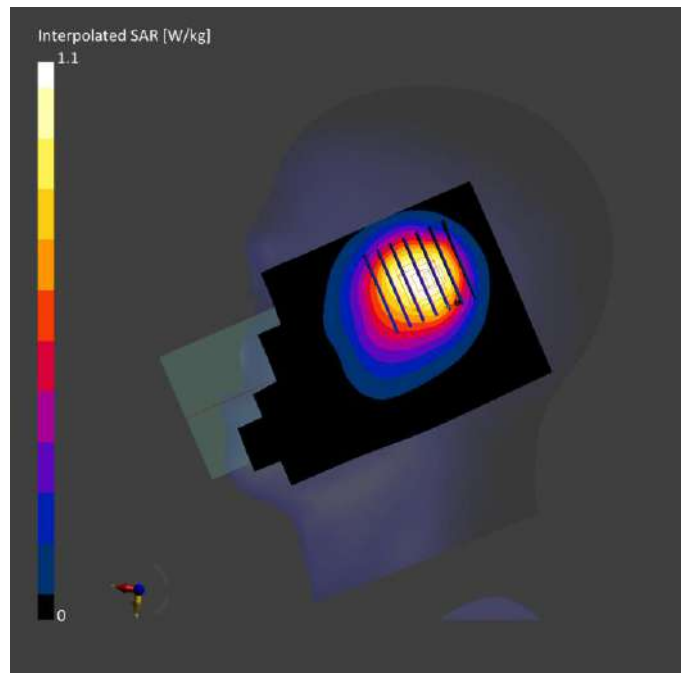
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band 26	LTE-FDD, 10181-CAF	831.5, 26865	10.25	0.878	41.7	22.5	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	2025-07-23	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.591	0.622
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.403	0.395
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	0.03
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 [%]		51.7
			Dist 3dB Peak [mm]		12.8



BL-SZ2571545-ATD

Meas.40 Body Plane with Back Side 15mm on High Channel in LTE Band26 mode with Antenna 0

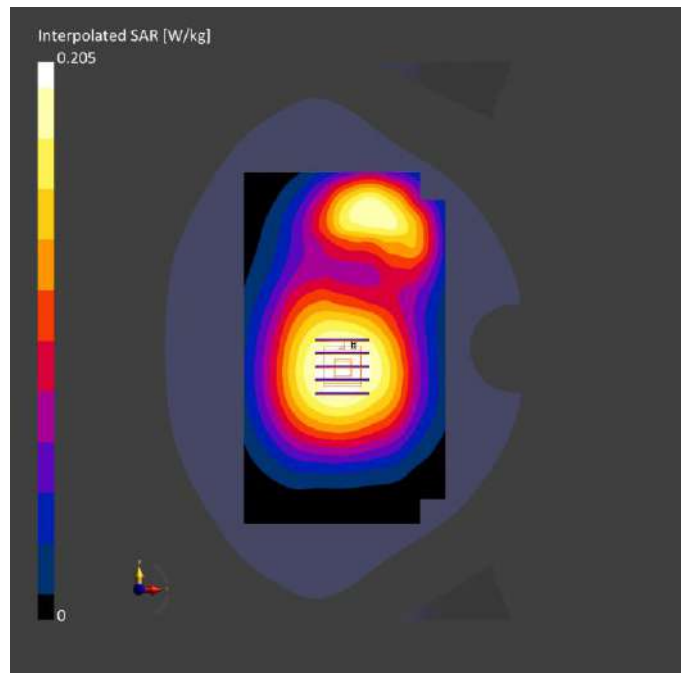
Exposure Conditions

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	841.5, 26965	10.25	0.916	40.6	22.5	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	2025-07-23	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.140	0.166
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.099	0.130
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-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 [%]		81.8
			Dist 3dB Peak [mm]		16.0



BL-SZ2571545-ATD

Meas.41 Body Plane with Back Side 10mm on High Channel in LTE Band26 mode with Antenna 4

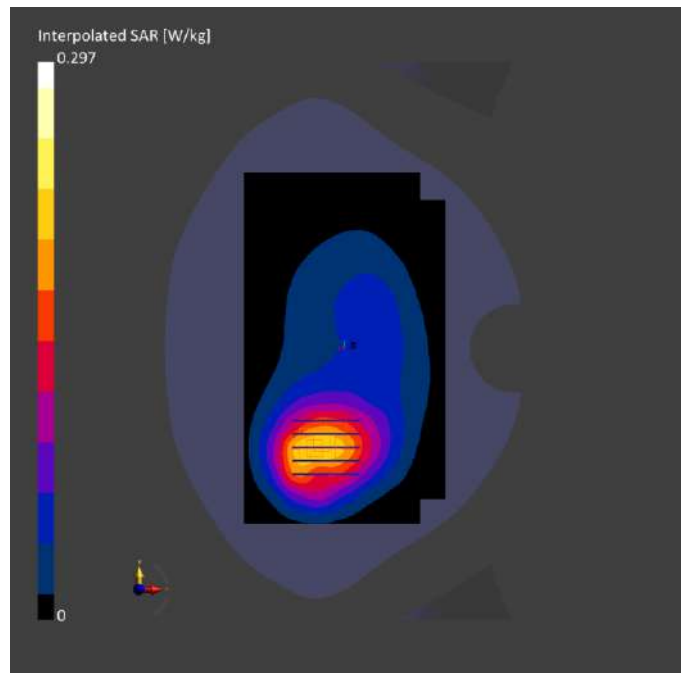
Exposure Conditions

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]
Flat, HSL	BACK, 10.00	Band 26	LTE-FDD, 10181-CAF	841.5, 26965	10.25	0.916	40.6	22.5	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	2025-07-23	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.192	0.195
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.131	0.129
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 [%]		62.7
			Dist 3dB Peak [mm]		18.7



BL-SZ2571545-ATD

Meas.42 Right Head with Tilt on High Channel in LTE Band66 mode with Antenna 4

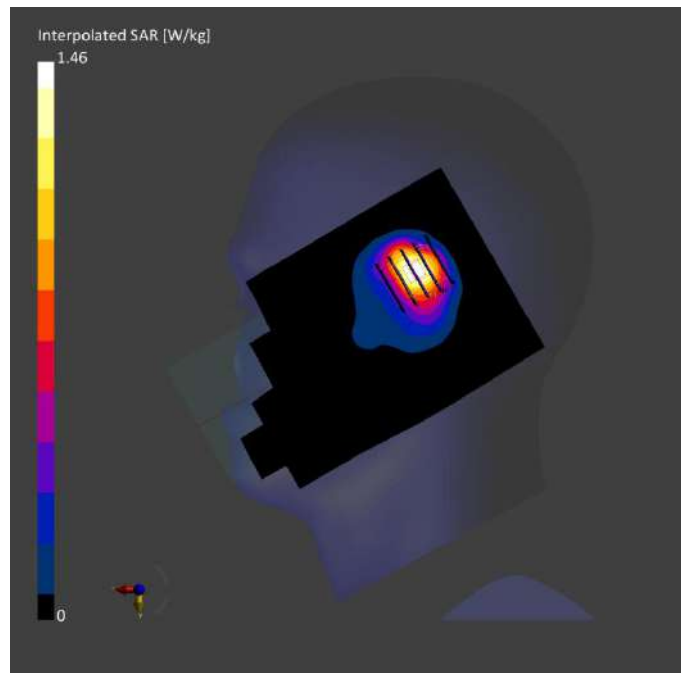
Exposure Conditions

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	1770.0, 132572	8.72	1.38	38.8	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	2025-08-03	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-08-03	2025-08-03
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.567	0.832
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.306	0.404
Graded Grid	Yes	Yes	Power Drift [dB]	-0.07	-0.06
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 [%]		54.2
			Dist 3dB Peak [mm]		8.0



BL-SZ2571545-ATD

Meas.43 Body Plane with Front Side 15mm on Middle Channel in LTE Band66 mode with Antenna 1

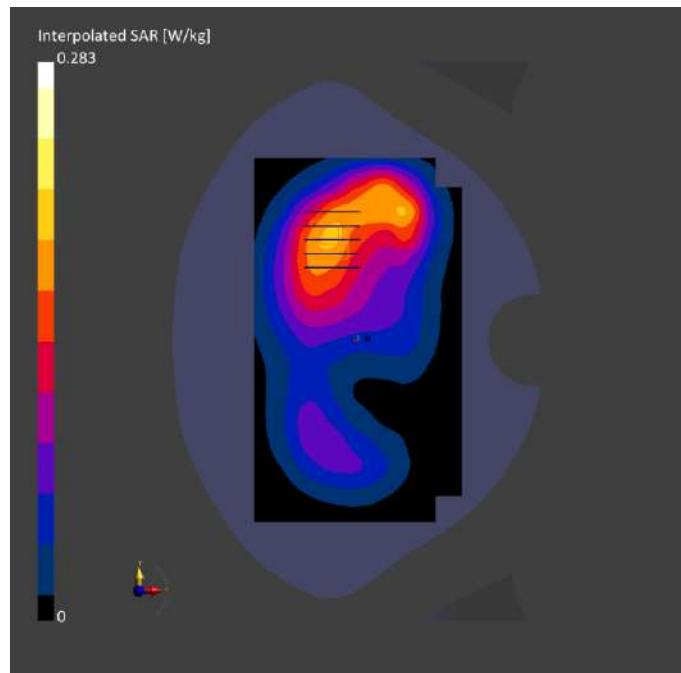
Exposure Conditions

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	FRONT, 15.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	8.72	1.35	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	2025-08-03	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20	

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-03	2025-08-03
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.195	0.228
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.126	0.143
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 [%]		65.1
			Dist 3dB Peak [mm]		> 16.0



BL-SZ2571545-ATD

Meas.44 Body Plane with Bottom Edge 10mm on High Channel in LTE Band66 mode with Antenna 1

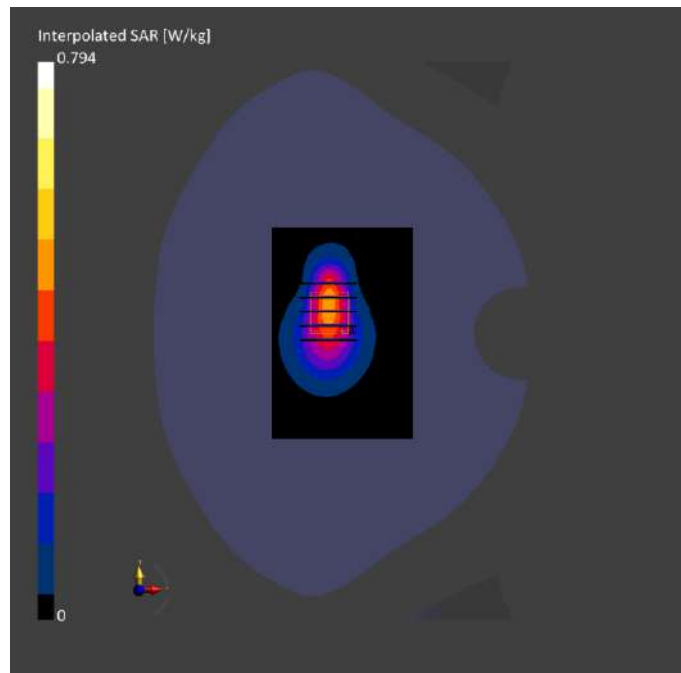
Exposure Conditions

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	EDGE BOTTOM, 10.00	Band 66	LTE-FDD, 10169-CAF	1770.0, 132572	8.72	1.38	38.8	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	2025-08-03	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-03	2025-08-03
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.417	0.473
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.226	0.273
Graded Grid	Yes	Yes	Power Drift [dB]	-0.06	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 [%]		60.6
			Dist 3dB Peak [mm]		8.6



BL-SZ2571545-ATD

Meas.45 Body Plane with Top Edge 0mm on Low Channel in LTE Band66 mode with Antenna 4

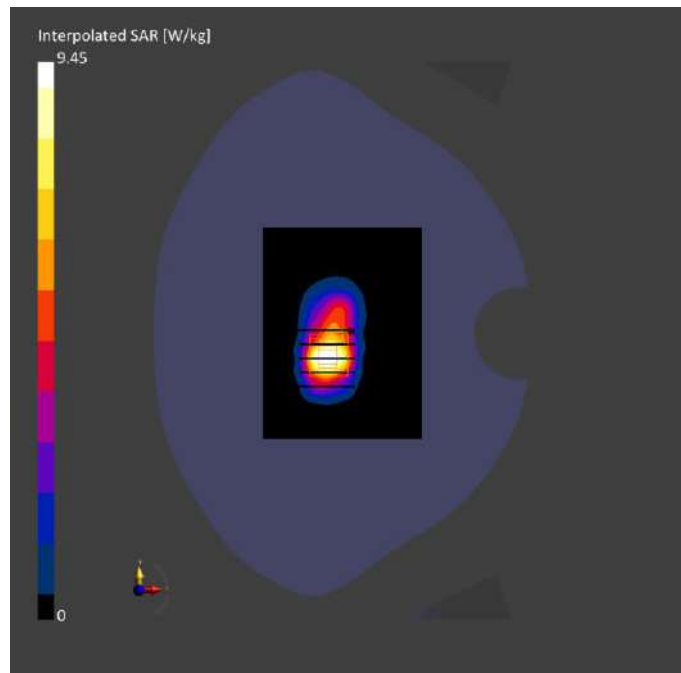
Exposure Conditions

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	8.72	1.32	40.9	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	2025-08-03	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-08-03	2025-08-03
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	1.74	3.92
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.927	1.51
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	-0.09
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 [%]		47.9
			Dist 3dB Peak [mm]		8.8



BL-SZ2571545-ATD

Meas.46 Right Head with Cheek on Low Channel in LTE Band38 mode with Antenna 4

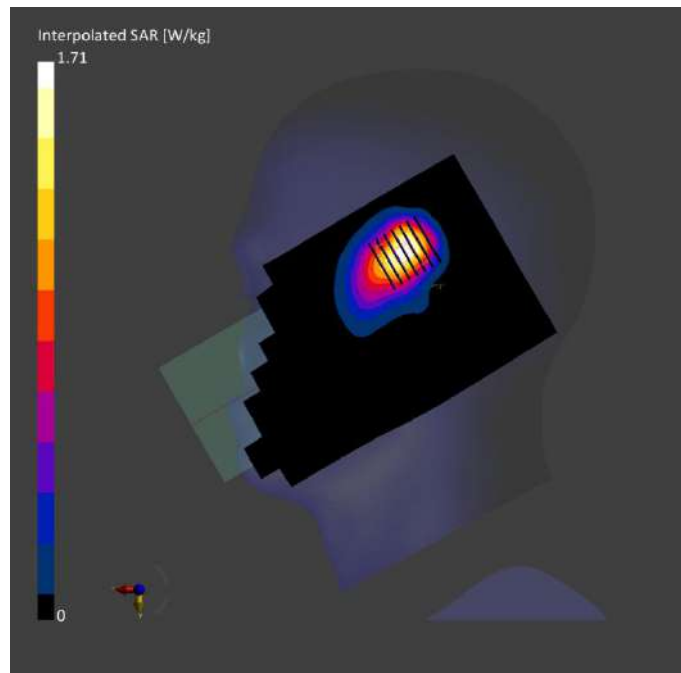
Exposure Conditions

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	CHEEK, 0.00	Band 38	LTE-TDD, 10151-CAH	2580.0, 37850	7.06	1.91	40.2	22.3	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	2025-07-29	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.825	0.808
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.417	0.425
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	0.09
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 [%]		40.6
			Dist 3dB Peak [mm]		8.0



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Meas.47 Body Plane with Back Side 15mm on High Channel in LTE Band38 mode with Antenna 4

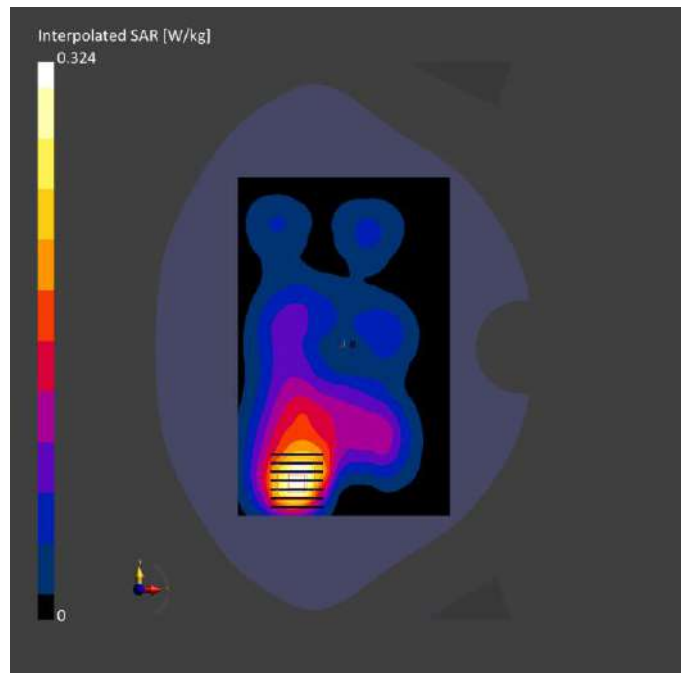
Exposure Conditions

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]
Flat, HSL	BACK, 15.00	Band 38	LTE-TDD, 10172-CAH	2610.0, 38150	7.06	2.04	39.4	22.3	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	2025-07-29	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.164	0.171
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.087	0.086
Graded Grid	Yes	Yes	Power Drift [dB]	-0.06	-0.10
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		51.3
			Dist 3dB Peak [mm]		12.0



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Meas.48 Body Plane with Bottom Edge 10mm on High Channel in LTE Band38 mode with Antenna 1

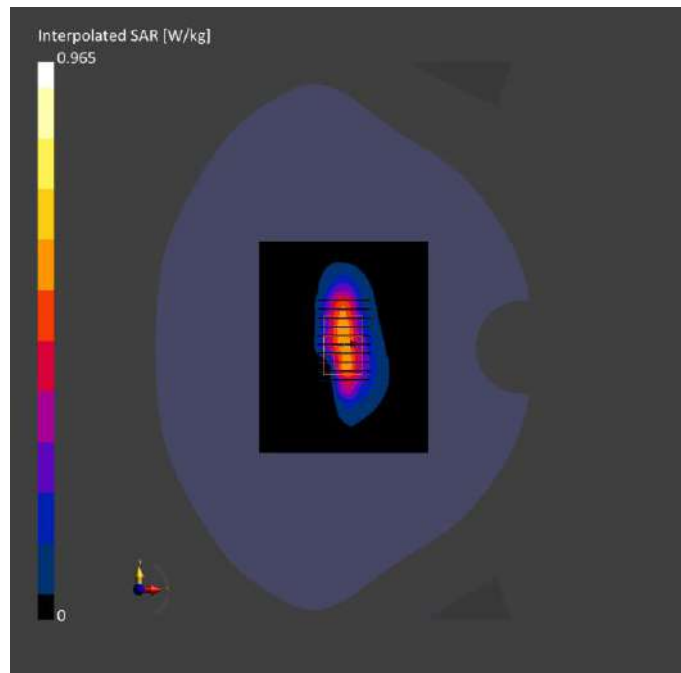
Exposure Conditions

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	2610.0, 38150	7.06	2.04	39.4	22.3	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	2025-07-29	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.488	0.500
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.235	0.260
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-0.03
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 [%]		51.4
			Dist 3dB Peak [mm]		9.0



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Meas.49 Body Plane with Left Edge 0mm on Low Channel in LTE Band38 mode with Antenna 3

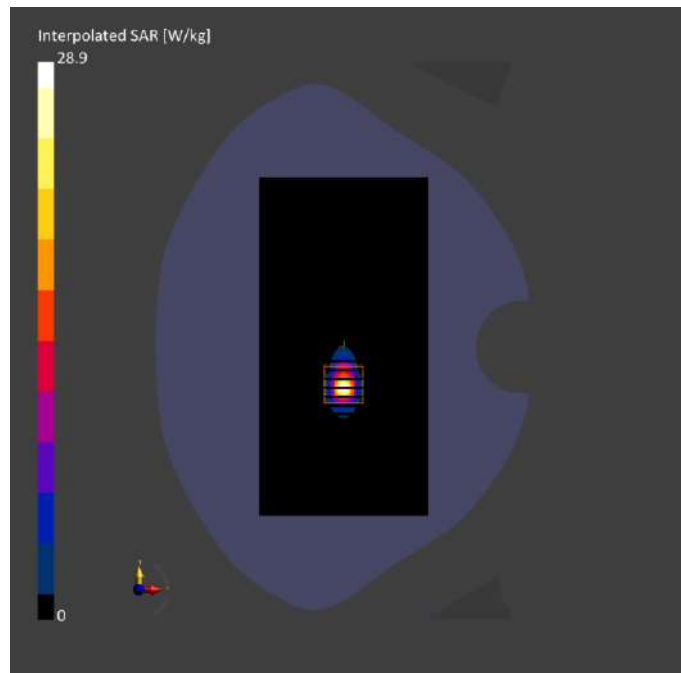
Exposure Conditions

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, 0.00	Band 38	LTE-TDD, 10172-CAH	2580.0, 37850	7.06	1.91	40.2	22.3	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	2025-07-29	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-29	2025-07-29
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	8.34	8.06
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	2.59	2.26
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-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 [%]		47.9
			Dist 3dB Peak [mm]		6.0



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Meas.50 Right Head with Cheek on Middle Channel in LTE Band41 mode with Antenna 4

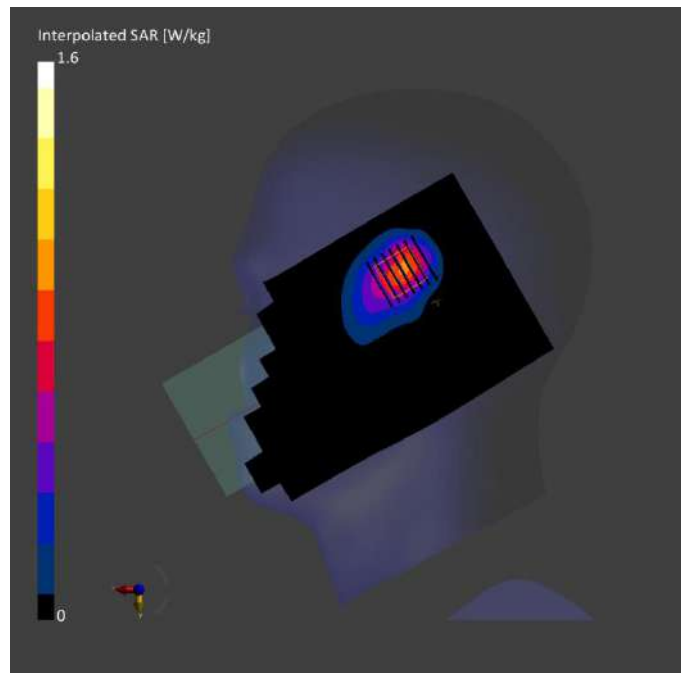
Exposure Conditions

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	CHEEK, 0.00	Band 41	LTE-TDD, 10172-CAH	2593.0, 40620	7.06	1.96	39.3	22.3	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	2025-08-02	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-02	2025-08-02
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.753	0.771
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.386	0.403
Graded Grid	Yes	Yes	Power Drift [dB]	-0.17	0.03
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 [%]		44.4
			Dist 3dB Peak [mm]		7.2



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Meas.51 Body Plane with Back Side 15mm on High Channel in LTE Band41 mode with Antenna 4

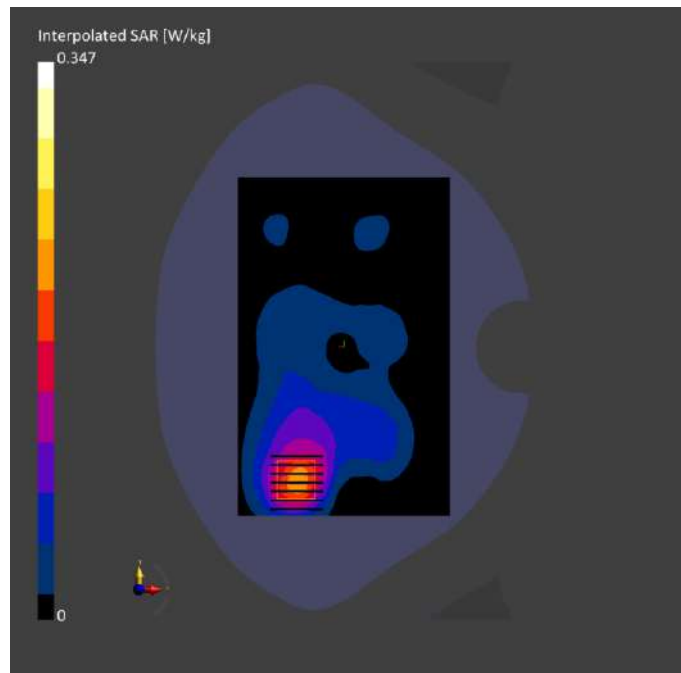
Exposure Conditions

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	BACK, 15.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.05	38.7	22.3	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	2025-08-02	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-02	2025-08-02
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.179	0.188
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.094	0.096
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.02
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		53.0
			Dist 3dB Peak [mm]		12.7



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Meas.52 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band41 mode with Antenna 1

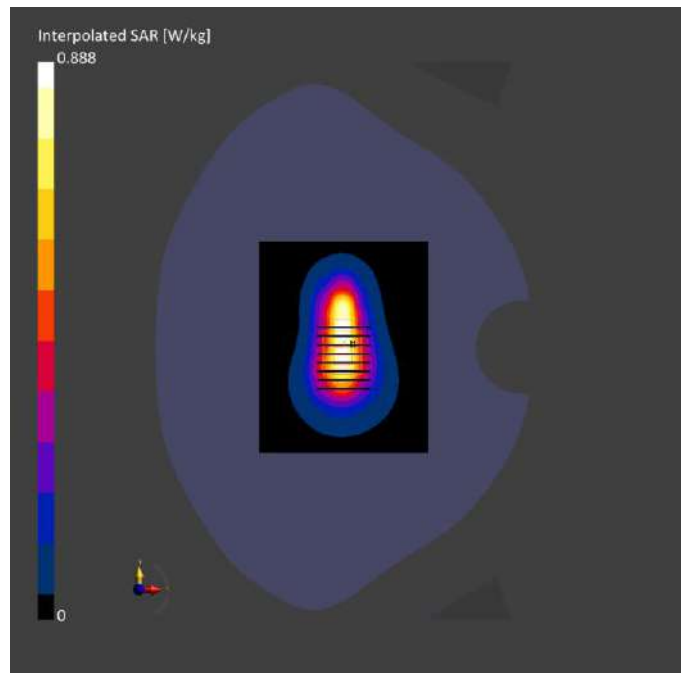
Exposure Conditions

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	EDGE BOTTOM, 10.00	Band 41	LTE-TDD, 10172-CAH	2593.0, 40620	7.06	1.96	39.3	22.3	21.5

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twins-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-08-02	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-08-02	2025-08-02
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.448	0.460
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.226	0.240
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	-0.04
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 [%]		48.9
			Dist 3dB Peak [mm]		9.0



BL-SZ2571545-ATD

Meas.53 Body Plane with Left Edge 0mm on Middle Channel in LTE Band41 mode with Antenna 3

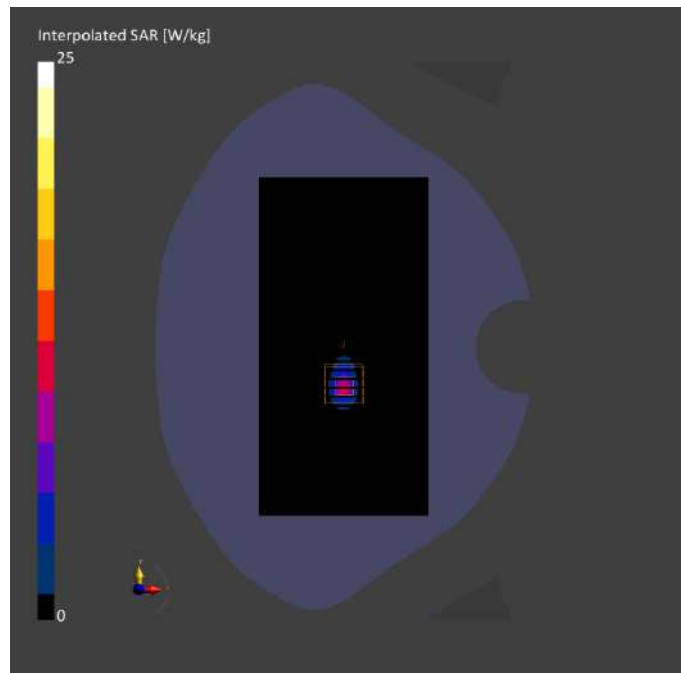
Exposure Conditions

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, 0.00	Band 41	LTE-TDD, 10172-CAH	2593.0, 40620	7.06	1.96	39.3	22.3	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	2025-08-02	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-02	2025-08-02
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	7.32	7.04
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	2.28	1.98
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	0.00
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 [%]		48.0
			Dist 3dB Peak [mm]		6.0



BL-SZ2571545-ATD

Meas.54 Left Head with Tilt on High Channel in LTE Band42 mode with Antenna 5

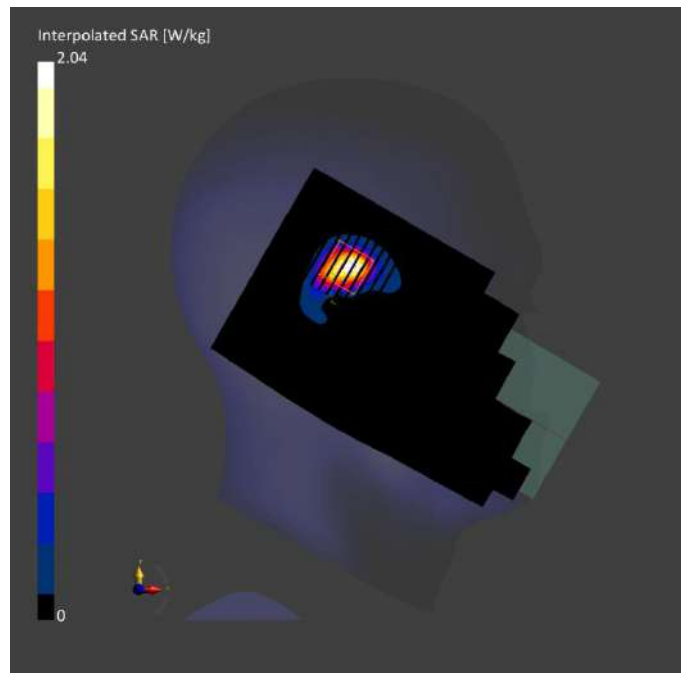
Exposure Conditions

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	TILT, 0.00	Band 42	LTE-TDD, 10151-CAH	3590.0, 43490	6.33	3.01	37.0	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	2025-08-06	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-06	2025-08-06
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.562	0.810
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.223	0.275
Graded Grid	Yes	Yes	Power Drift [dB]	-0.04	-0.05
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		47.3
			Dist 3dB Peak [mm]		6.1



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Meas.55 Body Plane with Front Side 15mm on High Channel in LTE Band42 mode with Antenna 5

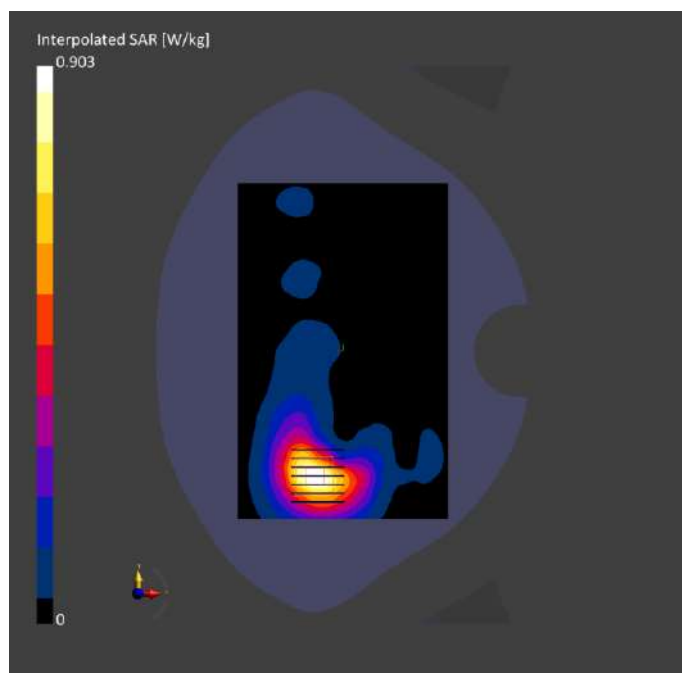
Exposure Conditions

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]
Flat, HSL	FRONT, 15.00	Band 42	LTE-TDD, 10151-CAH	3590.0, 43490	6.33	3.01	37.0	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	2025-08-06	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-06	2025-08-06
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.409	0.381
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.191	0.199
Graded Grid	Yes	Yes	Power Drift [dB]	-0.08	-0.06
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		51.0
			Dist 3dB Peak [mm]		12.2



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Meas.56 Body Plane with Top Edge 10mm on High Channel in LTE Band42 mode with Antenna 5

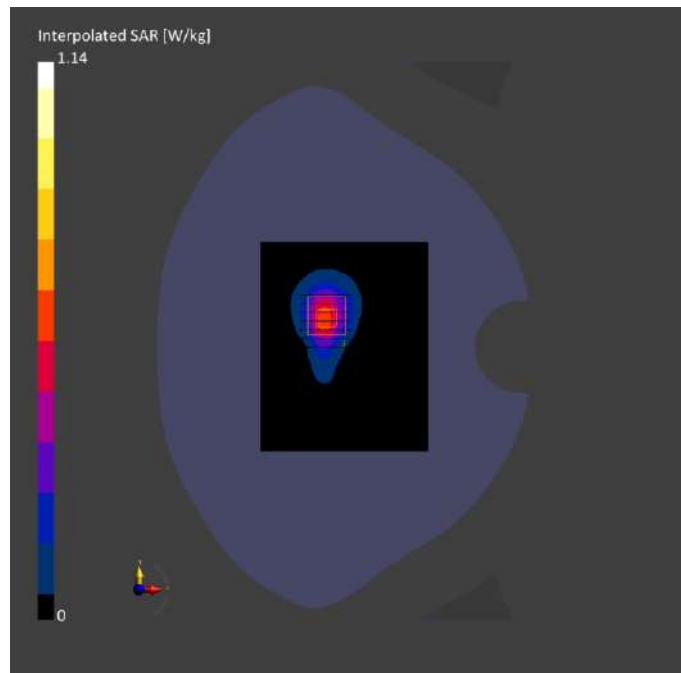
Exposure Conditions

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]
Flat, HSL	EDGE TOP, 10.00	Band 42	LTE-TDD, 10151-CAH	3590.0, 43490	6.33	3.01	37.0	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	2025-08-06	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 24.0	Date	2025-08-06	2025-08-06
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.480	0.502
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.200	0.209
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.06
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 [%]		50.8
			Dist 3dB Peak [mm]		9.0



BL-SZ2571545-ATD

Meas.57 Body Plane with Top Edge 0mm on High Channel in LTE Band42 mode with Antenna 5

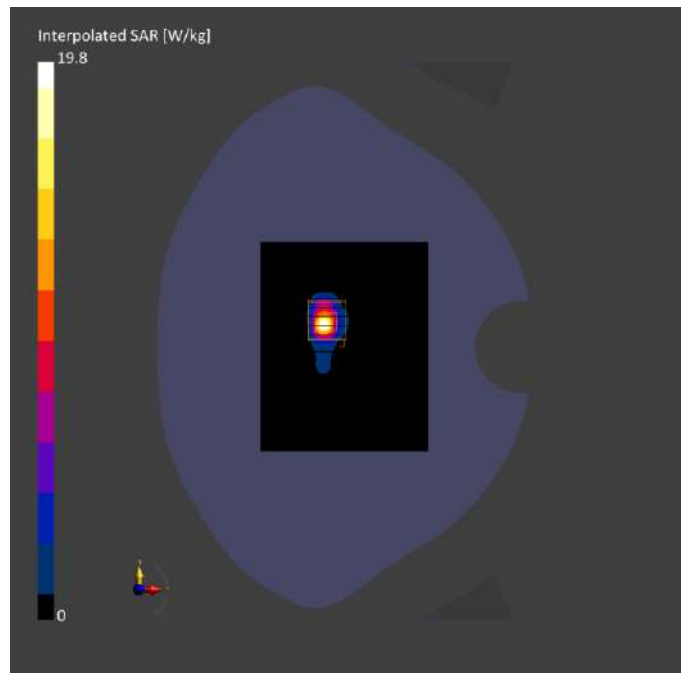
Exposure Conditions

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]
Flat, HSL	EDGE TOP, 0.00	Band 42	LTE-TDD, 10172-CAH	3590.0, 43490	6.33	3.01	37.0	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	2025-08-06	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 24.0	Date	2025-08-06	2025-08-06
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	5.35	6.22
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.54	1.68
Graded Grid	Yes	Yes	Power Drift [dB]	0.03	-0.09
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 [%]		39.5
			Dist 3dB Peak [mm]		6.0



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Meas.58 Left Head with Tilt on High Channel in LTE Band48 mode with Antenna 5

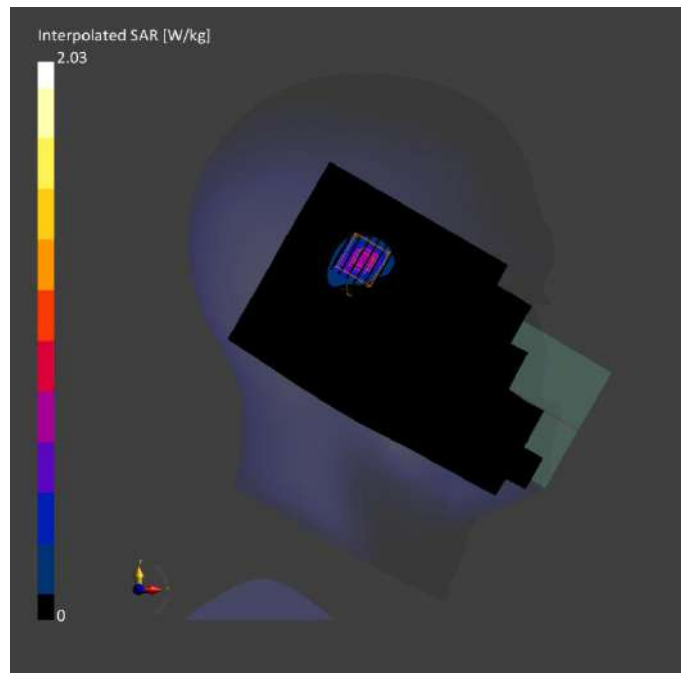
Exposure Conditions

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]
LeftHead, HSL	TILT, 0.00	Band 48	LTE-TDD, 10172-CAH	3690.0, 56640	6.85	3.09	37.2	22.5	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	2025-08-04	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-04	2025-08-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.565	0.801
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.223	0.277
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	-0.13
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		45.6
			Dist 3dB Peak [mm]		5.8



BL-SZ2571545-ATD

Meas.59 Body Plane with Back Side 15mm on High Channel in LTE Band48 mode with Antenna 5

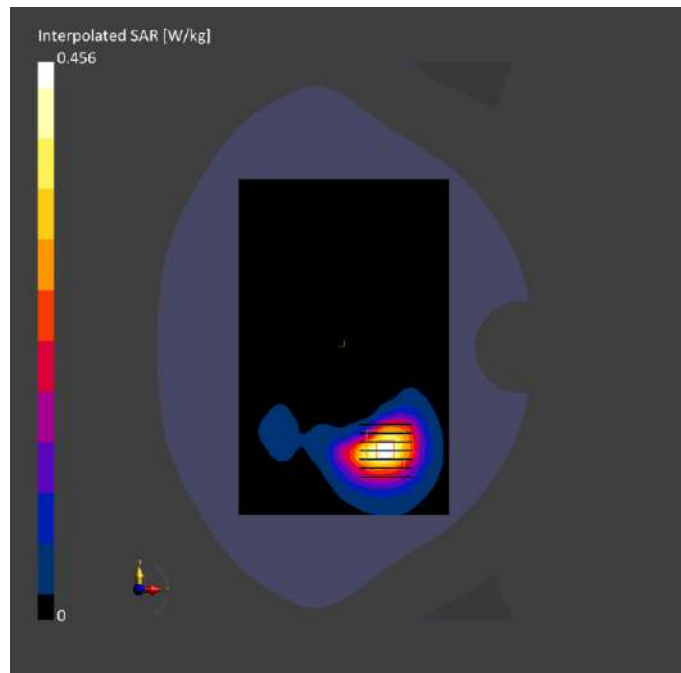
Exposure Conditions

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	BACK, 15.00	Band 48	LTE-TDD, 10151-CAH	3690.0, 56640	6.85	3.09	37.2	22.5	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	2025-08-04	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20	

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-04	2025-08-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.199	0.208
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.088	0.094
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-0.06
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	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]		10.8



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Meas.60 Body Plane with Top Edge 10mm on High Channel in LTE Band48 mode with Antenna 5

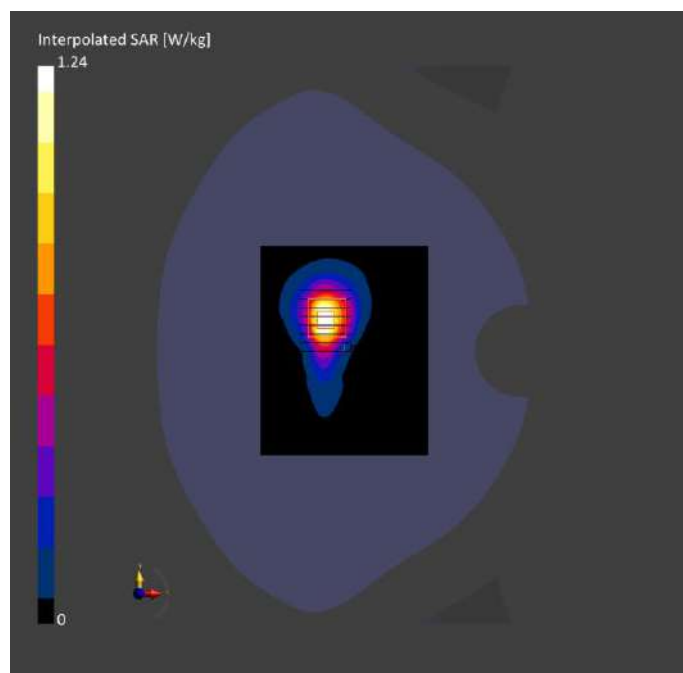
Exposure Conditions

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	EDGE TOP, 10.00	Band 48	LTE-TDD, 10151-CAH	3690.0, 56640	6.85	3.09	37.2	22.5	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	2025-08-04	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710,	2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 24.0	Date	2025-08-04	2025-08-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.488	0.526
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.205	0.217
Graded Grid	Yes	Yes	Power Drift [dB]	-0.07	-0.13
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 [%]		47.7
			Dist 3dB Peak [mm]		8.5



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Meas.61 Body Plane with Top Edge 0mm on High Channel in LTE Band48 mode with Antenna 5

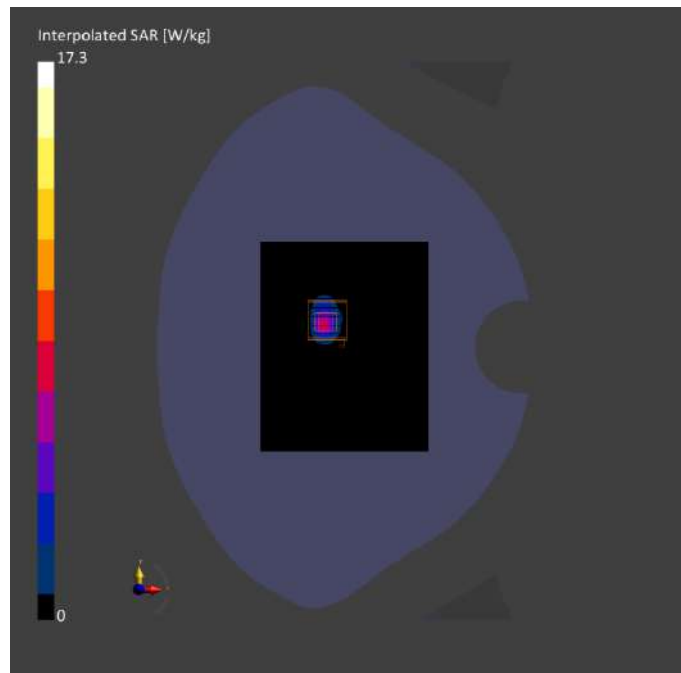
Exposure Conditions

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	EDGE TOP, 0.00	Band 48	LTE-TDD, 10151-CAH	3690.0, 56640	6.85	3.09	37.2	22.5	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	2025-08-04	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20	

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 24.0	Date	2025-08-04	2025-08-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	4.69	5.61
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.39	1.54
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	-0.12
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 [%]		40.6
			Dist 3dB Peak [mm]		5.2



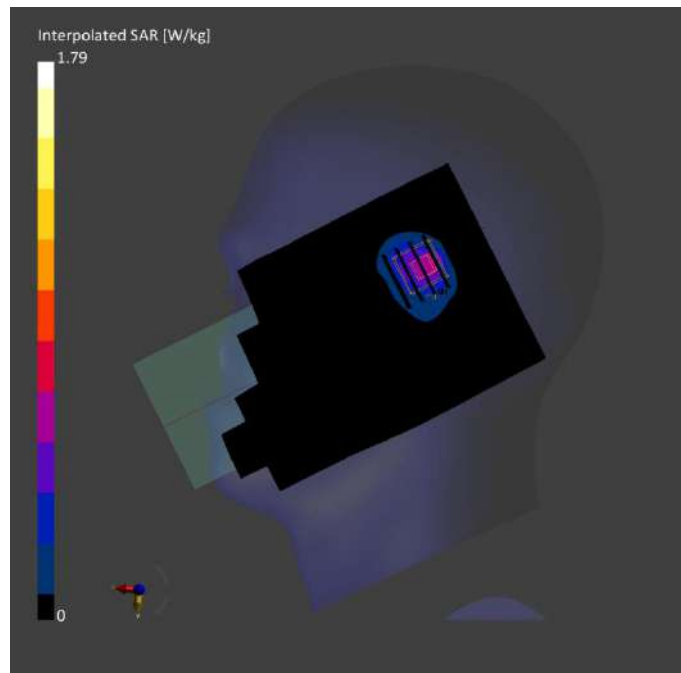
Exposure Conditions

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 n2	5G NR FR1 FDD, 10931-AAC	1880.0, 376000	7.34	1.43	40.6	22.4	21.8

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-23	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.532	0.854
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.280	0.383
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	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 [%]		49.5
			Dist 3dB Peak [mm]		8.4



BL-SZ2571545-ATD

Meas.63 Body Plane with Front Side 15mm on 378000 Channel in NR Band2 mode with Antenna 4

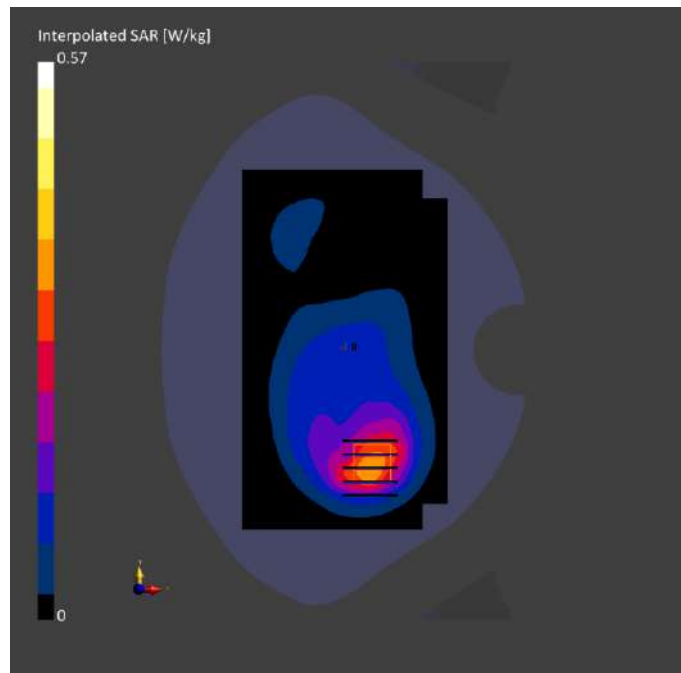
Exposure Conditions

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	FRONT, 15.00	Band n2	5G NR FR1 FDD, 10931-AAC	1890.0, 378000	7.34	1.43	38.9	22.4	21.8

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-23	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.314	0.350
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.183	0.207
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.07
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 [%]		61.6
			Dist 3dB Peak [mm]		13.2



BL-SZ2571545-ATD

Meas.64 Body Plane with Top Edge 10mm on 378000 Channel in NR Band2 mode with Antenna 4

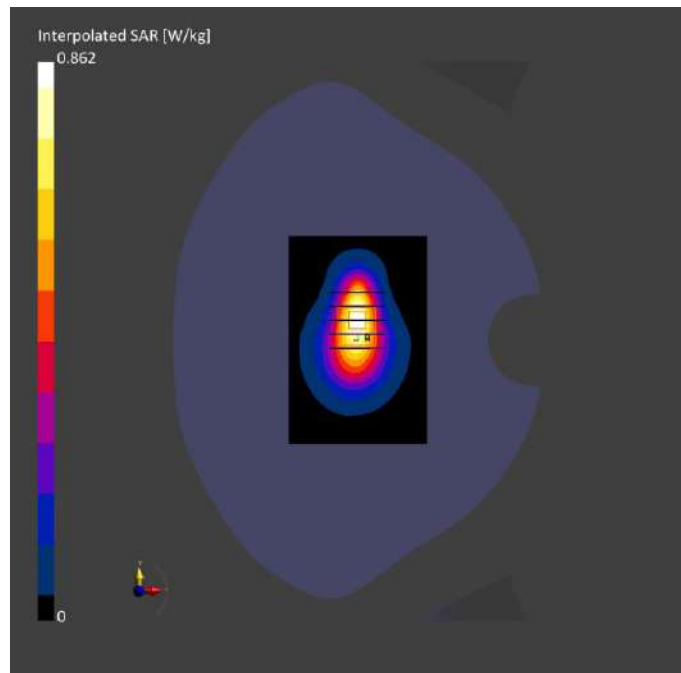
Exposure Conditions

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	1890.0, 378000	7.34	1.43	38.9	22.4	21.8

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-23	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.596	0.661
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.320	0.346
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	0.03
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 [%]		59.3
			Dist 3dB Peak [mm]		11.2



BL-SZ2571545-ATD

Meas.65 Body Plane with Top Edge 0mm on 378000 Channel in NR Band2 mode with Antenna 4

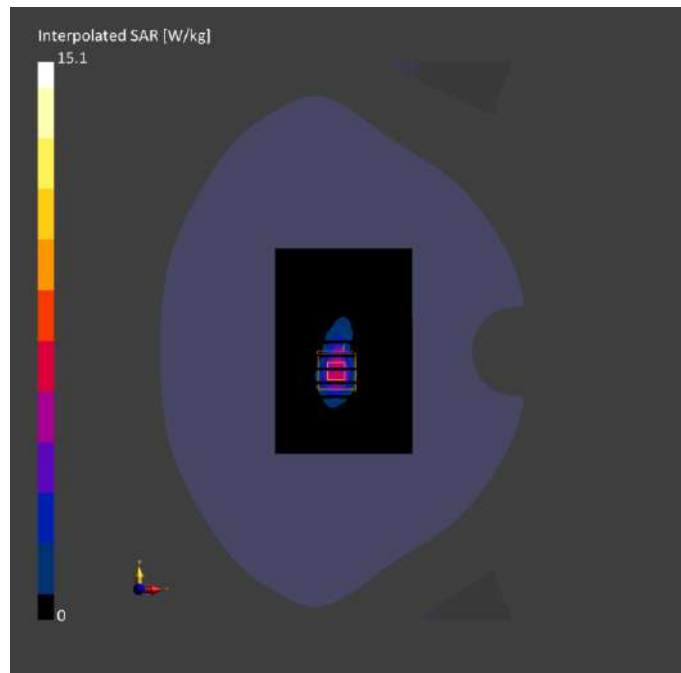
Exposure Conditions

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	1890.0, 378000	7.34	1.43	38.9	22.4	21.8

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-23	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-23	2025-07-23
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	5.12	5.61
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	2.21	2.17
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.10
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 [%]		36.3
			Dist 3dB Peak [mm]		8.8



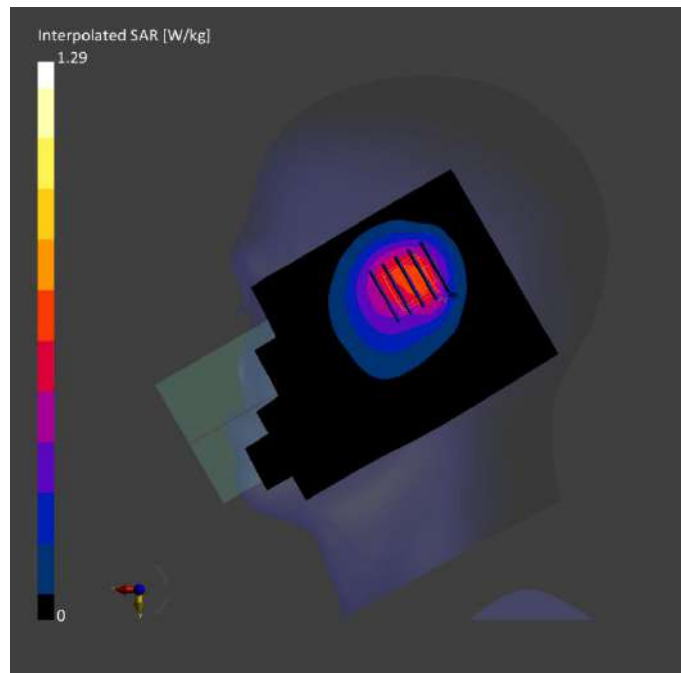
Meas.66 Right Head with Cheek on 167800 Channel in NR Band5 mode with Antenna 4
Exposure Conditions

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, 10939-AAC	839.0, 167800	10.25	0.926	41.2	22.3	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	2025-07-30	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-30	2025-07-30
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.684	0.786
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.434	0.484
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 [%]		47.7
			Dist 3dB Peak [mm]		10.3



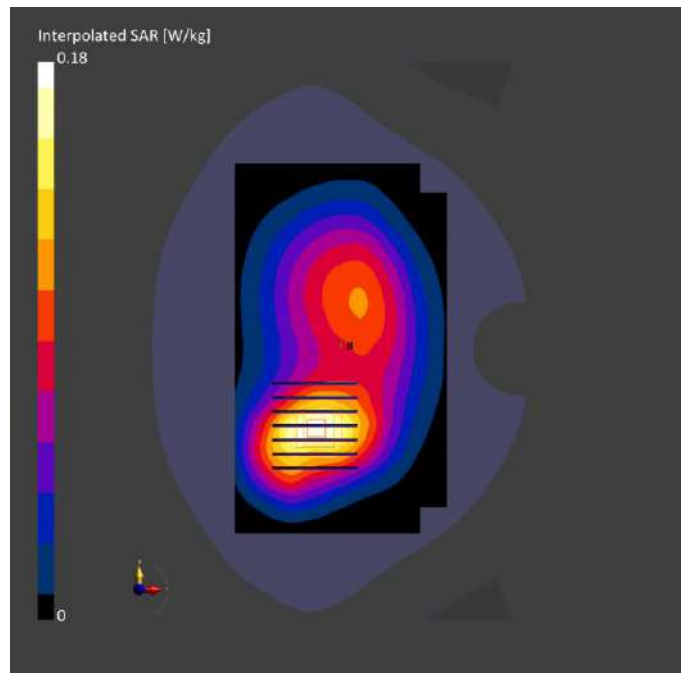
Meas.67 Body Plane with Back Side 15mm on 167300 Channel in NR Band5 mode with Antenna 4
Exposure Conditions

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	10.25	0.916	41.7	22.3	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	2025-07-30	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-30	2025-07-30
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.110	0.116
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.074	0.077
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.04
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		64.7
			Dist 3dB Peak [mm]		20.8



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Meas.68 Body Plane with Back Side 10mm 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, 10.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.5, 167300	10.25	0.916	41.7	22.3	21.5

Hardware Setup

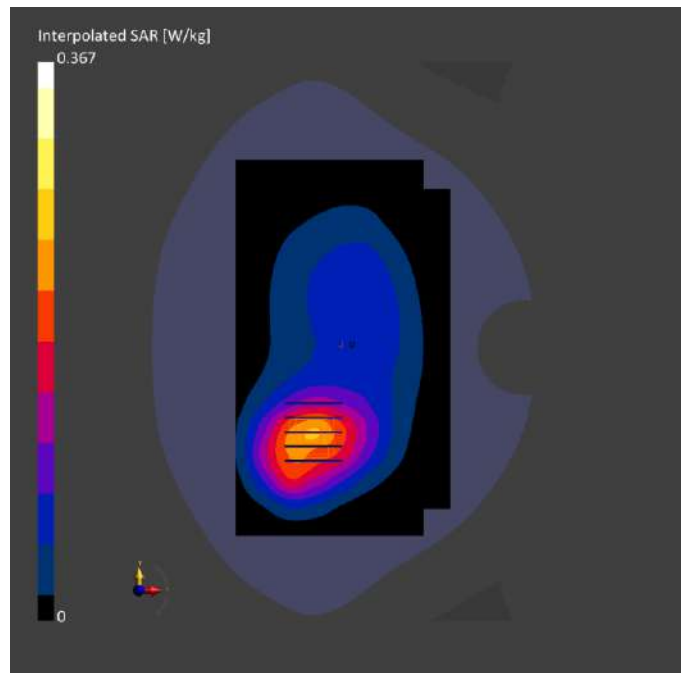
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-07-30	EX3DV4 - SN7664, 2025-06-30		DAE4 Sn1710, 2025-01-20

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	2025-07-30	2025-07-30
psSAR1g [W/kg]	0.215	0.228
psSAR10g [W/kg]	0.145	0.145
Power Drift [dB]	-0.03	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.2
Dist 3dB Peak [mm]		17.7



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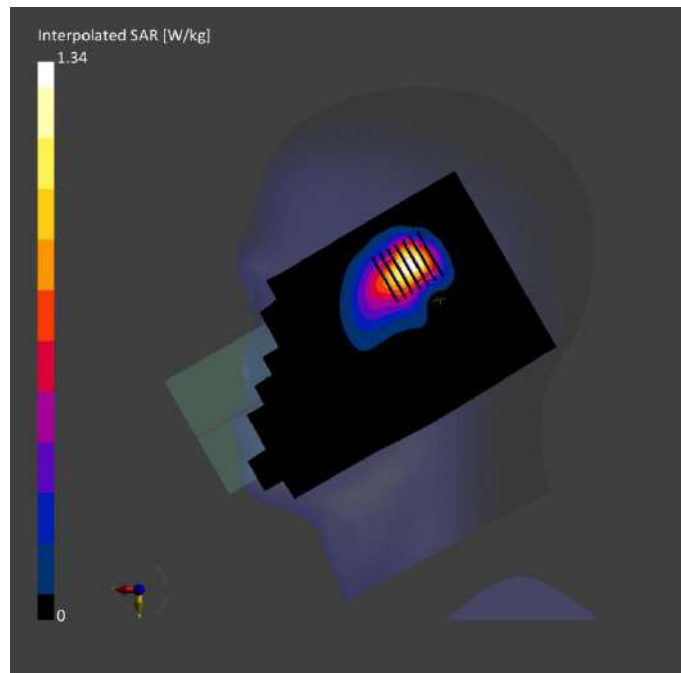
Meas.69 Right Head with Cheek on 509000 Channel in NR Band7 mode with Antenna 4
Exposure Conditions

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	CHEEK, 0.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.95	39.3	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-27	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.633	0.625
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.302	0.306
Graded Grid	Yes	Yes	Power Drift [dB]	-0.15	-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 [%]		42.2
			Dist 3dB Peak [mm]		8.3



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Meas.70 Body Plane with Front Side 15mm on 509000 Channel in NR Band7 mode with Antenna 1

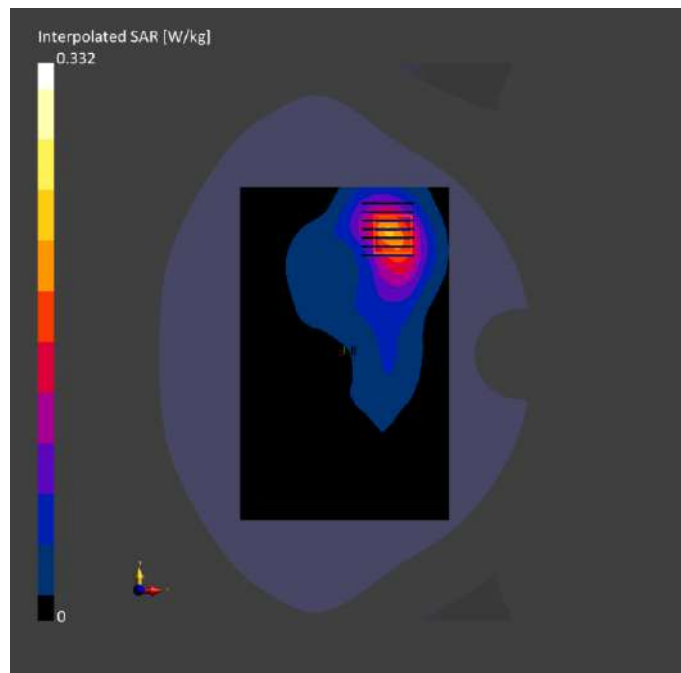
Exposure Conditions

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	FRONT, 15.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.95	39.3	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-27	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.173	0.183
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.097	0.101
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.08
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		53.3
			Dist 3dB Peak [mm]		14.3



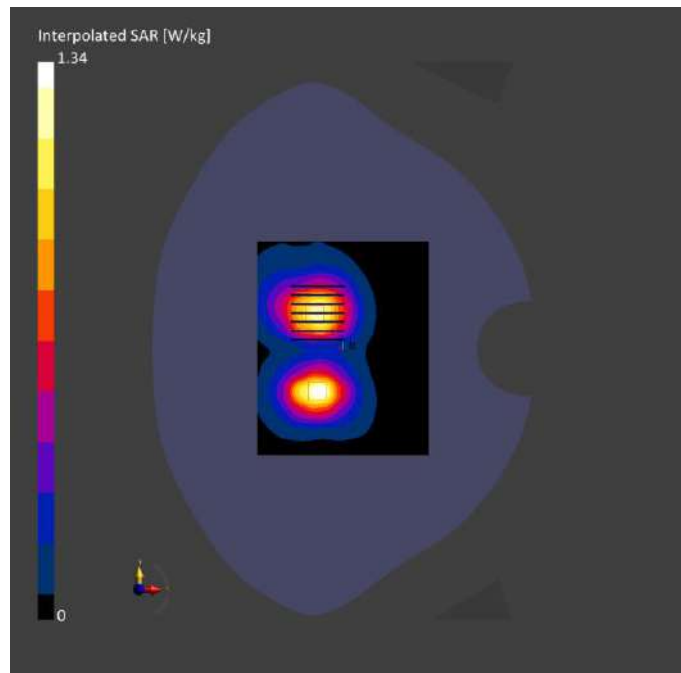
Meas.71 Body Plane with Top Edge 10mm on 509000 Channel in NR Band7 mode with Antenna 4
Exposure Conditions

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, 10.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.95	39.3	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-27	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.717	0.775
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.350	0.416
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	0.00
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 [%]		59.7
			Dist 3dB Peak [mm]		12.7



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Meas.72 Body Plane with Bottom Edge 0mm on 505000 Channel in NR Band7 mode with Antenna 1

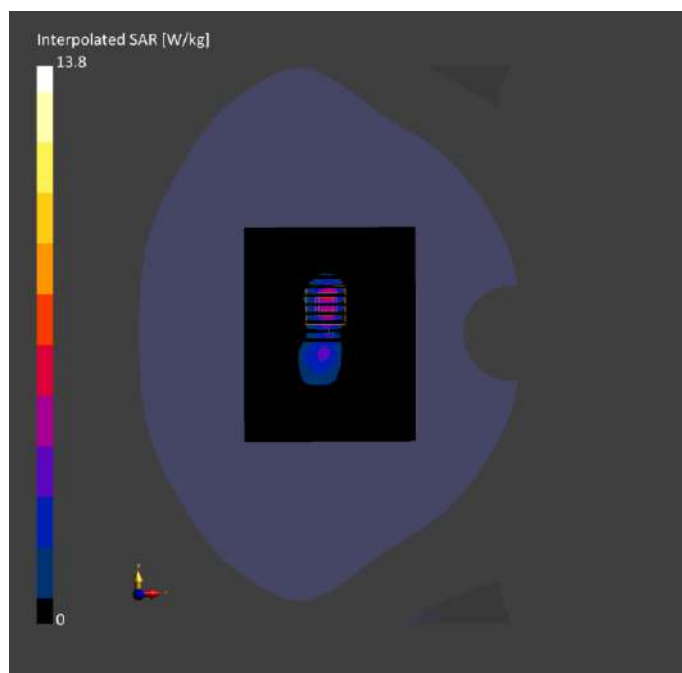
Exposure Conditions

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, 0.00	Band n7	5G NR FR1 FDD, 10935-AAD	2525.0, 505000	7.06	1.92	40.2	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-27	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-07-27	2025-07-27
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	4.49	5.48
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.78	1.90
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	0.11
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 [%]		41.8
			Dist 3dB Peak [mm]		5.0



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Meas.73 Right Head with Tilt on 351500 Channel in NR Band66 mode with Antenna 4

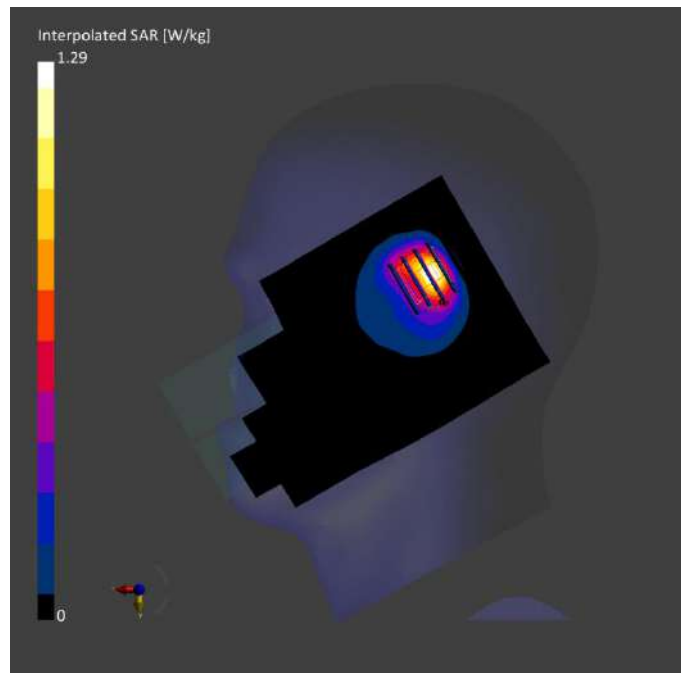
Exposure Conditions

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	TILT, 0.00	Band n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	7.57	1.37	39.1	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-20	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-07-20	2025-07-20
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.628	0.738
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.313	0.386
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	-0.02
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	All points	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		59.1
			Dist 3dB Peak [mm]		8.0



Meas.74 Body Plane with Front Side 15mm on 349000 Channel in NR Band66 mode with Antenna 1

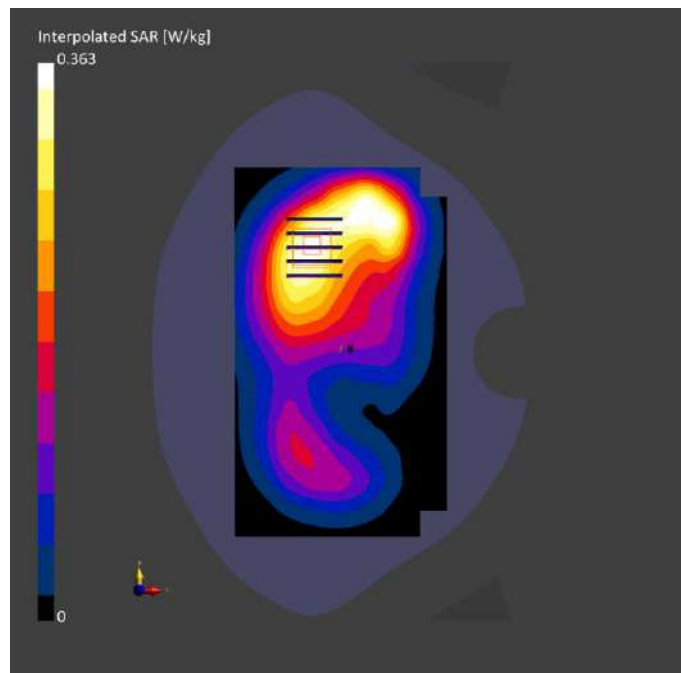
Exposure Conditions

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	FRONT, 15.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.0, 349000	7.57	1.36	39.4	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-20	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date	2025-07-20	2025-07-20
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.266	0.275
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.164	0.175
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-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 [%]		65.2
			Dist 3dB Peak [mm]		> 16.0



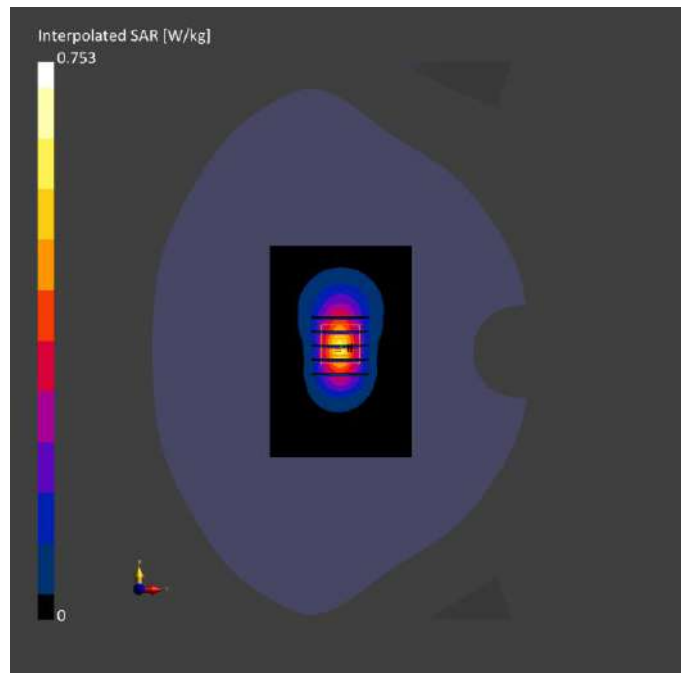
Meas.75 Body Plane with Top Edge 10mm on 351500 Channel in NR Band66 mode with Antenna 4
Exposure Conditions

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, 10.00	Band n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	7.57	1.37	39.1	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-20	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-20	2025-07-20
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.464	0.487
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.243	0.283
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 [%]		68.2
			Dist 3dB Peak [mm]		9.7



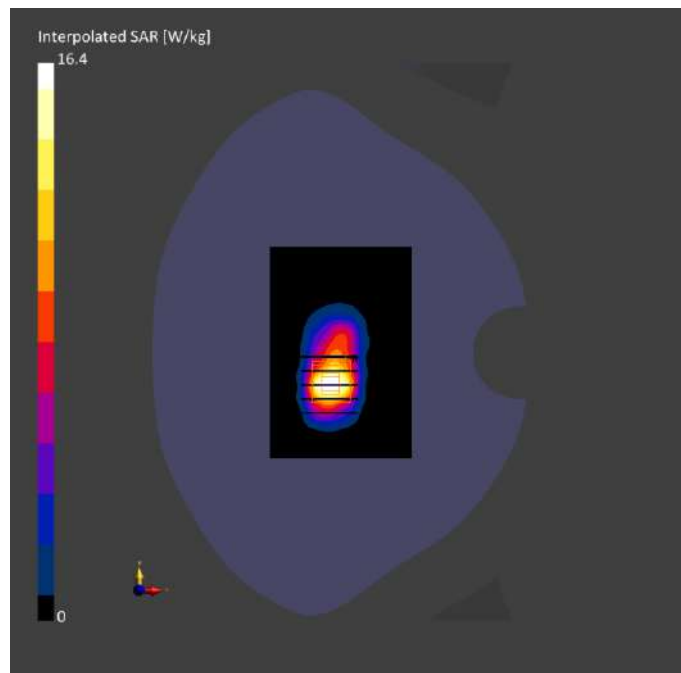
Meas.76 Body Plane with Top Edge 0mm on 351500 Channel in NR Band66 mode with Antenna 4
Exposure Conditions

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	1757.5, 351500	7.57	1.37	39.1	22.4	21.7

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-20	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0	Date	2025-07-20	2025-07-20
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	4.49	4.84
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.91	1.95
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	0.00
Grading Ratio	1.5	1.4	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 [%]		70.6
			Dist 3dB Peak [mm]		8.1



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Meas.77 Right Head with Cheek on 518000 Channel in NR Band38 mode with Antenna 4

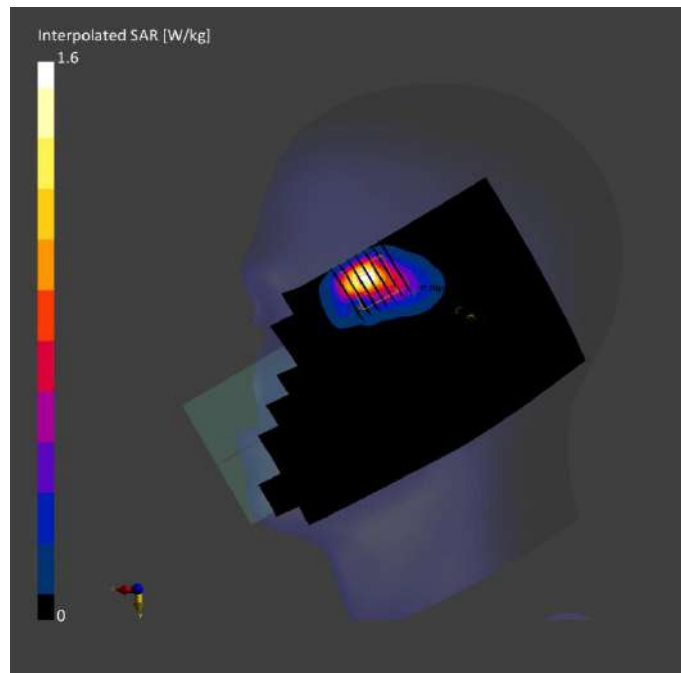
Exposure Conditions

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	CHEEK, 0.00	Band n38	5G NR FR1 TDD, 10903-AAD	2590.0, 518000	7.06	1.91	39.9	22.5	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	2025-07-31	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.602	0.741
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.257	0.294
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.08
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 [%]		48.1
			Dist 3dB Peak [mm]		6.2



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Meas.78 Body Plane with Front Side 15mm on 519000 Channel in NR Band38 mode with Antenna 1

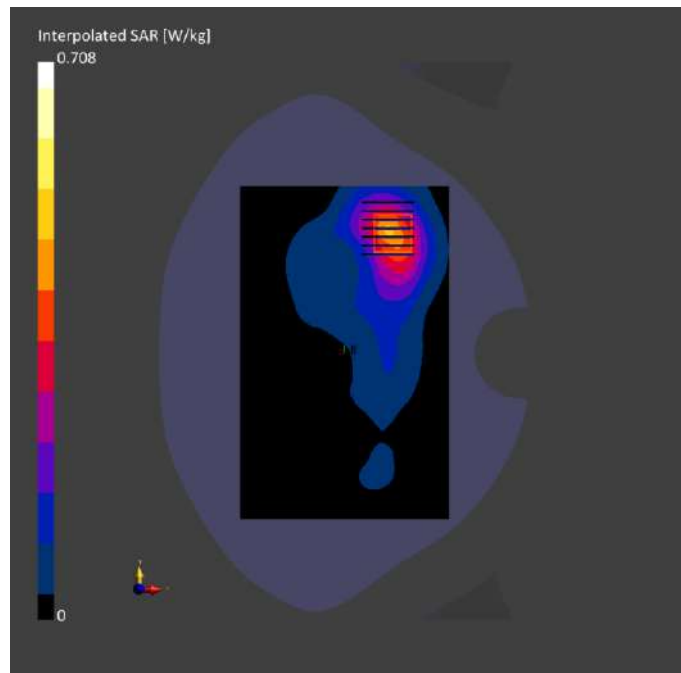
Exposure Conditions

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	FRONT, 15.00	Band n38	5G NR FR1 TDD, 10797-AAF	2595.0, 519000	7.06	1.99	38.3	22.5	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	2025-07-31	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.382	0.392
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.200	0.213
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	-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 [%]		54.4
			Dist 3dB Peak [mm]		14.2



Meas.79 Body Plane with Back Side 10mm on 520000 Channel in NR Band38 mode with Antenna 4

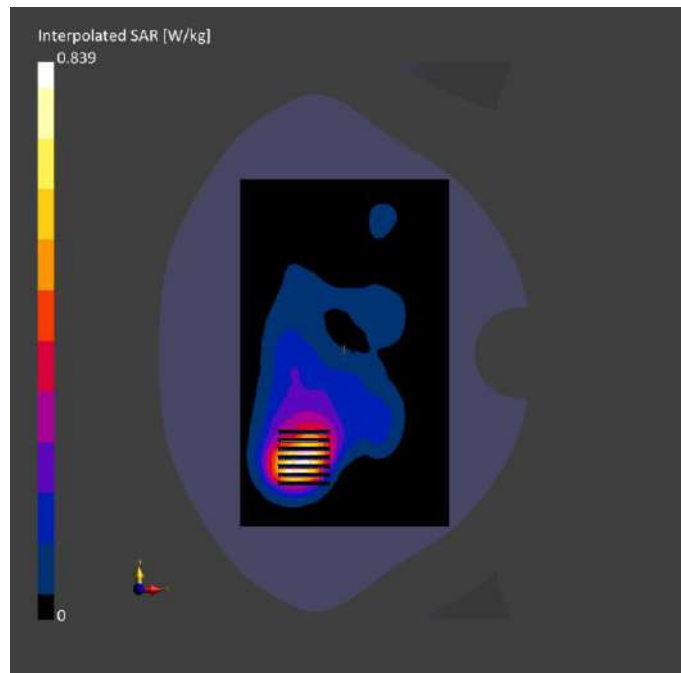
Exposure Conditions

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]
Flat, HSL	BACK, 10.00	Band n38	5G NR FR1 TDD, 10903-AAD	2600.0, 520000	7.06	2.01	37.7	22.5	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	2025-07-31	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.472	0.433
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.240	0.223
Graded Grid	Yes	Yes	Power Drift [dB]	-0.09	-0.06
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	Unknown method	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		51.5
			Dist 3dB Peak [mm]		12.5



BL-SZ2571545-ATD

Meas.80 Body Plane with Bottom Side 0mm on 519000 Channel in NR Band38 mode with Antenna 1

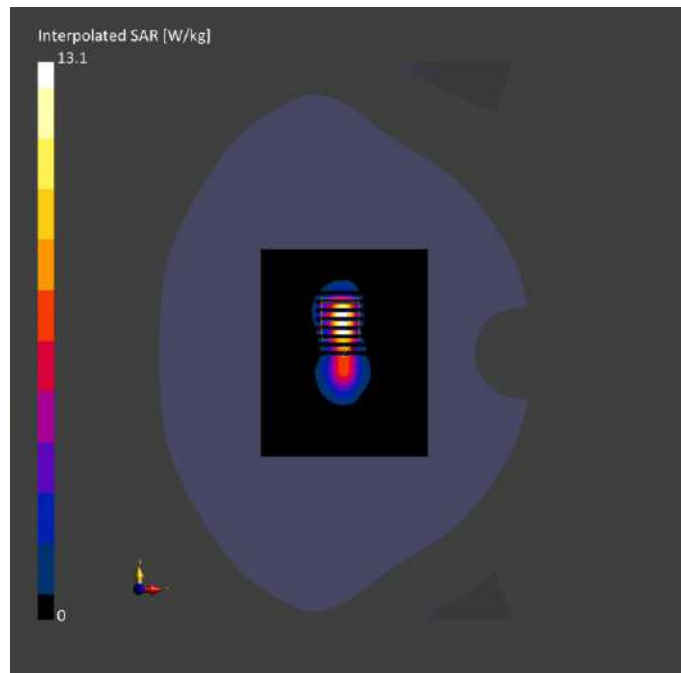
Exposure Conditions

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 BOTTOM, 0.00	Band n38	5G NR FR1 TDD, 10903-AAD	2595.0, 519000	7.06	1.99	38.3	22.5	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	2025-07-31	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-07-31	2025-07-31
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	4.55	5.09
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.82	1.94
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-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 [%]		34.5
			Dist 3dB Peak [mm]		5.0



BL-SZ2571545-ATD

Meas.81 Right Head with Cheek on 518598 Channel in NR Band41 mode with Antenna 4

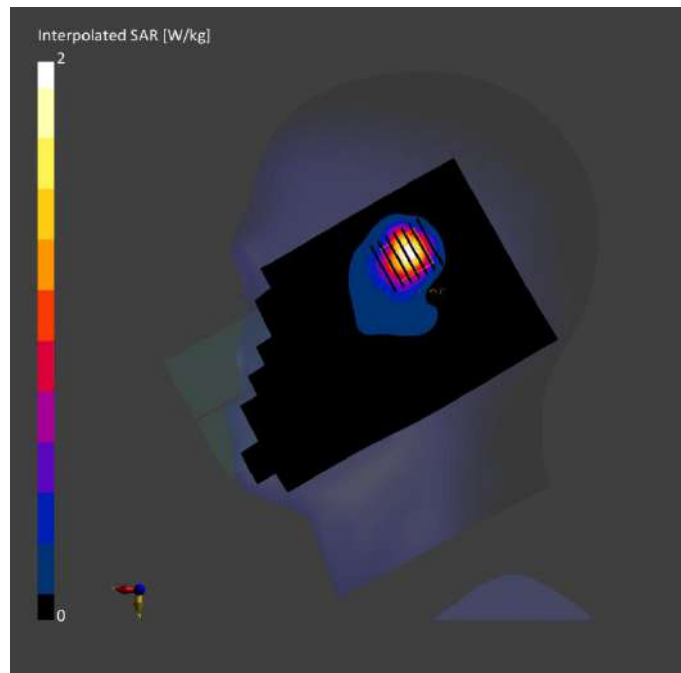
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band n41	5G NR FR1 TDD, 10803-AAF	2593.0, 518598	7.06	1.93	38.8	22.6	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	2025-08-05	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.836	0.877
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.368	0.388
Graded Grid	Yes	Yes	Power Drift [dB]	0.07	-0.04
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 [%]		42.9
			Dist 3dB Peak [mm]		7.1



BL-SZ2571545-ATD

Meas.82 Body Plane with Front Side 15mm on 513900 Channel in NR Band41 mode with Antenna 1

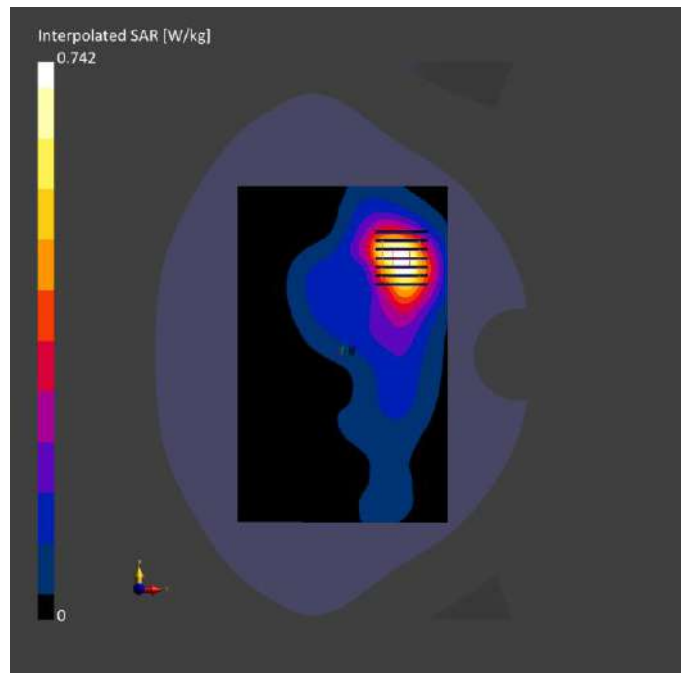
Exposure Conditions

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	FRONT, 15.00	Band n41	5G NR FR1 TDD, 10803-AAF	2569.5, 513900	7.06	1.93	38.8	22.6	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	2025-08-05	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.380	0.415
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.200	0.222
Graded Grid	Yes	Yes	Power Drift [dB]	0.09	-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 [%]		54.9
			Dist 3dB Peak [mm]		13.4



Meas.83 Body Plane with Left Edge 10mm on 518598 Channel in NR Band41 mode with Antenna 3

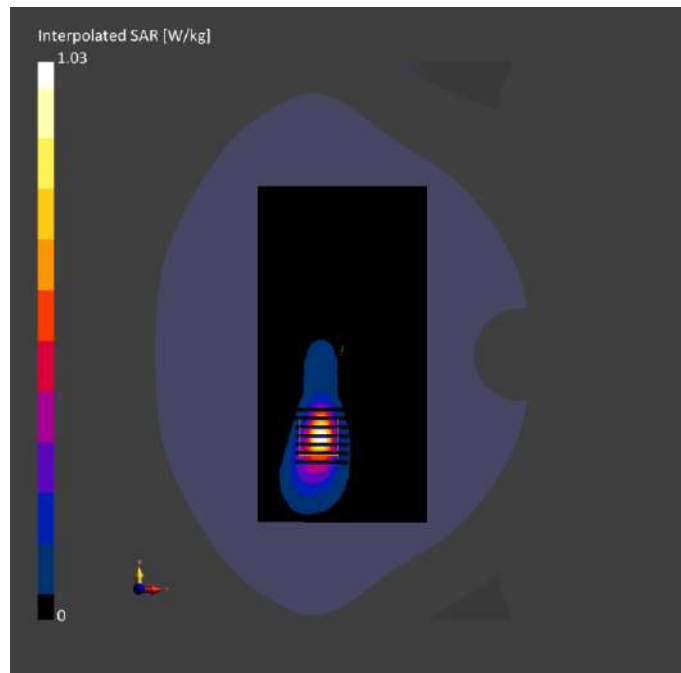
Exposure Conditions

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 n41	5G NR FR1 TDD, 10803-AAF	2593.0, 518598	7.06	1.93	38.8	22.6	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	2025-08-05	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.448	0.512
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.181	0.218
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-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 [%]		52.5
			Dist 3dB Peak [mm]		6.7



BL-SZ2571545-ATD

Meas.84 Body Plane with Left Edge 0mm on 518598 Channel in NR Band41 mode with Antenna 3

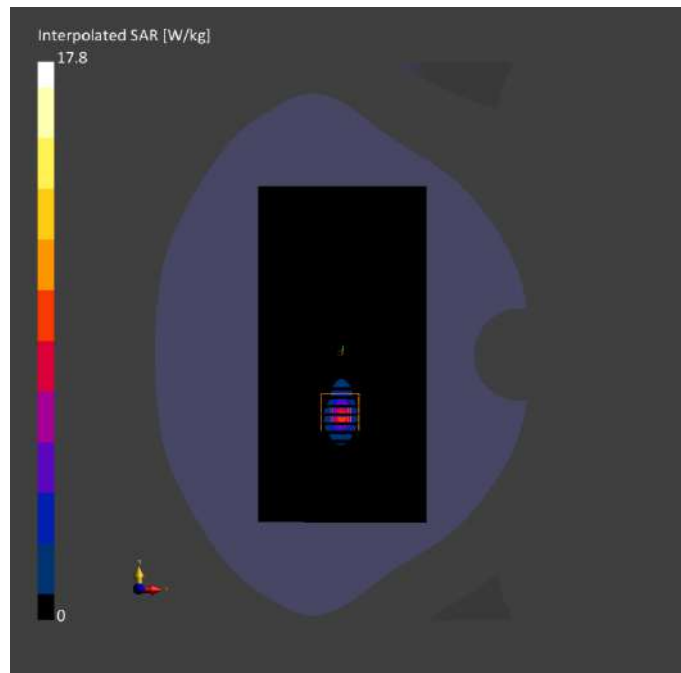
Exposure Conditions

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, 0.00	Band n41	5G NR FR1 TDD, 10803-AAF	2593.0, 518598	7.06	1.93	38.8	22.6	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	2025-08-05	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	6.37	6.31
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.89	2.01
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 [%]		35.8
			Dist 3dB Peak [mm]		5.0



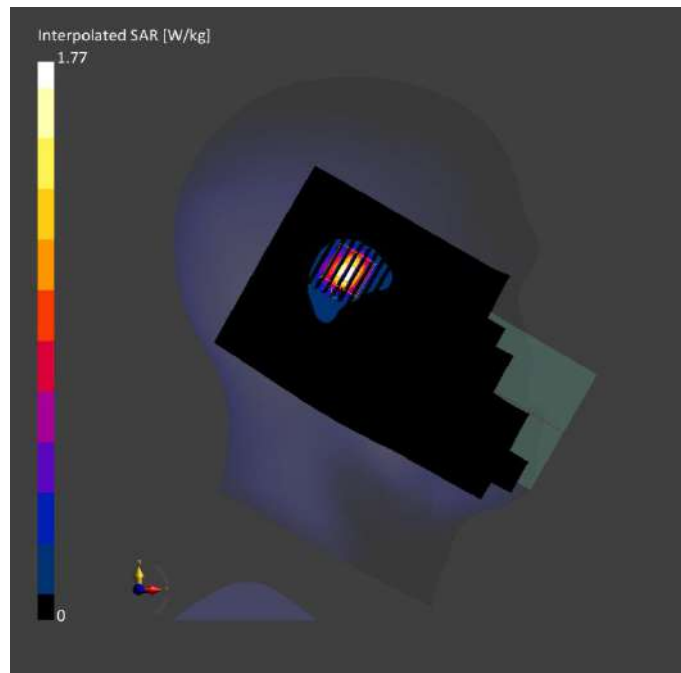
Meas.85 Left Head with Tilt on 645332 Channel in NR Band48 mode with Antenna 5
Exposure Conditions

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]
LeftHead, HSL	TILT, 0.00	Band n48	5G NR FR1 TDD, 10866-AAF	3680.0, 645332	6.85	3.03	37.9	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	2025-08-05	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	25.0 x 25.0 x 24.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.598	0.770
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.225	0.283
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.04
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		52.4
			Dist 3dB Peak [mm]		5.8



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Meas.86 Body Plane with Front Side 15mm on 641666 Channel in NR Band48 mode with Antenna 5

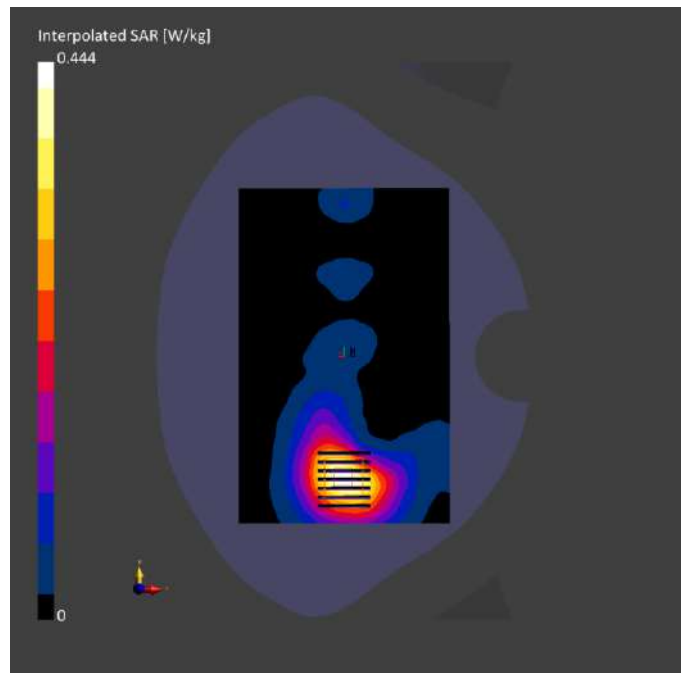
Exposure Conditions

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 n48	5G NR FR1 TDD, 10797-AAF	3625.0, 641666	6.85	3.00	38.4	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	2025-08-05	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.200	0.212
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.096	0.105
Graded Grid	Yes	Yes	Power Drift [dB]	0.05	-0.09
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		51.9
			Dist 3dB Peak [mm]		12.8



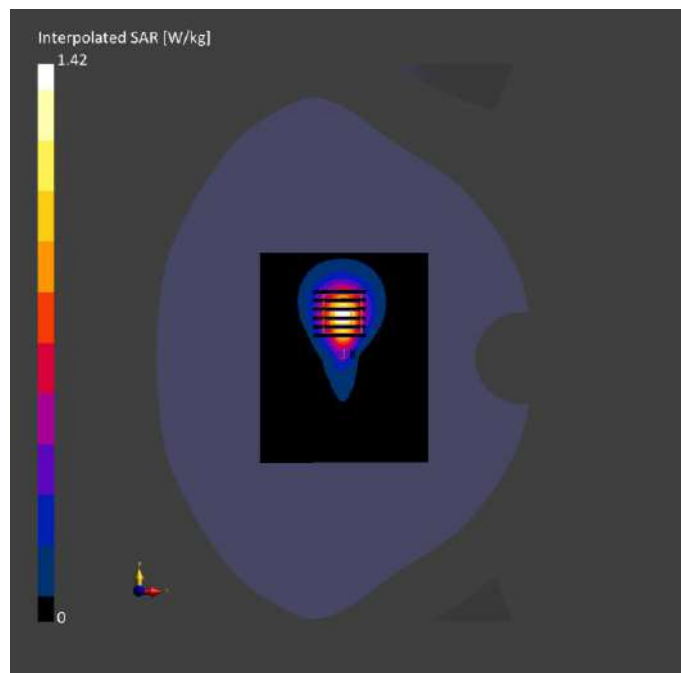
Meas.87 Body Plane with Top Edge 10mm on 641666 Channel in NR Band48 mode with Antenna 5
Exposure Conditions

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	EDGE TOP, 10.00	Band n48	5G NR FR1 TDD, 10797-AAF	3625.0, 641666	6.85	3.00	38.4	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	2025-08-05	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	25.0 x 25.0 x 24.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.596	0.618
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.241	0.257
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.06
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 [%]		48.9
			Dist 3dB Peak [mm]		9.1



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Meas.88 Body Plane with Top Edge 0mm on 645332 Channel in NR Band48 mode with Antenna 5

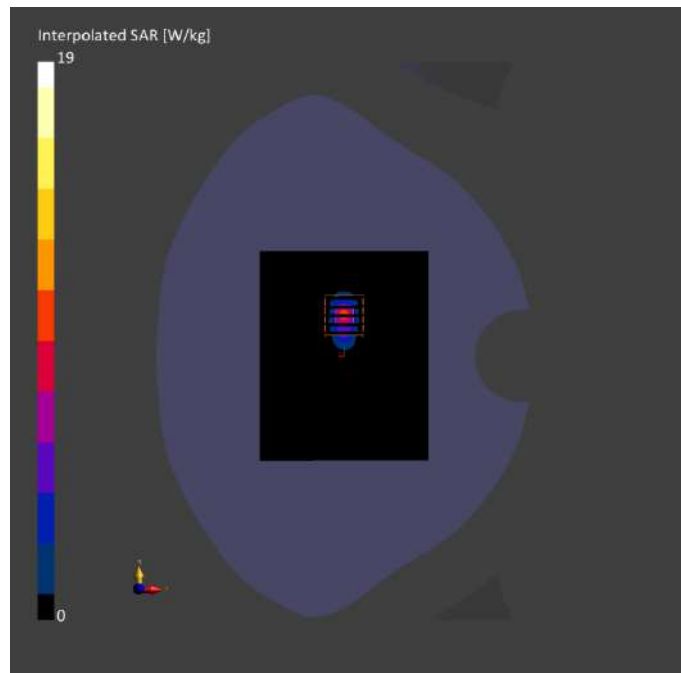
Exposure Conditions

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	EDGE TOP, 0.00	Band n48	5G NR FR1 TDD, 10866-AAF	3680.0, 645332	6.85	3.03	37.9	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	2025-08-05	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	25.0 x 25.0 x 24.0	Date	2025-08-05	2025-08-05
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	6.34	6.63
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.80	1.88
Graded Grid	Yes	Yes	Power Drift [dB]	0.09	-0.11
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 [%]		44.0
			Dist 3dB Peak [mm]		5.0



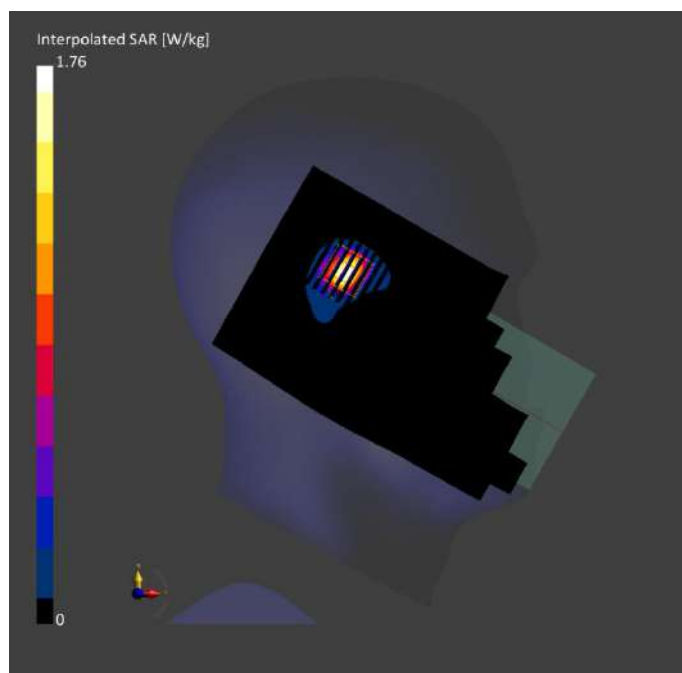
Meas.89 Left Head with Tilt on 633334 Channel in NR Band77 mode with Antenna 5
Exposure Conditions

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	TILT, 0.00	Band n77	5G NR FR1 TDD, 10866-AAF	3500.0, 633334	6.33	2.85	38.1	22.5	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	2025-08-08	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	25.0 x 25.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.597	0.752
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.223	0.276
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.01
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		52.4
			Dist 3dB Peak [mm]		5.8



BL-SZ2571545-ATD

Meas.90 Body Plane with Front Side 15mm on 633334 Channel in NR Band77 mode with Antenna 5

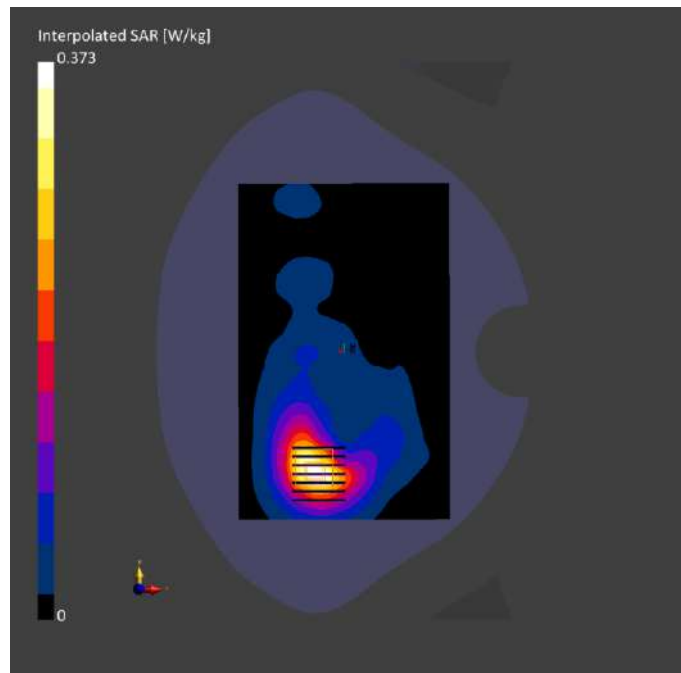
Exposure Conditions

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 n77	5G NR FR1 TDD, 10866-AAF	3500.0, 633334	6.33	2.85	38.1	22.5	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	2025-08-08	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.167	0.175
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.079	0.082
Graded Grid	Yes	Yes	Power Drift [dB]	-0.06	-0.06
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		51.7
			Dist 3dB Peak [mm]		12.0



Meas.91 Body Plane with Top Edge 10mm on 633334 Channel in NR Band77 mode with Antenna 5

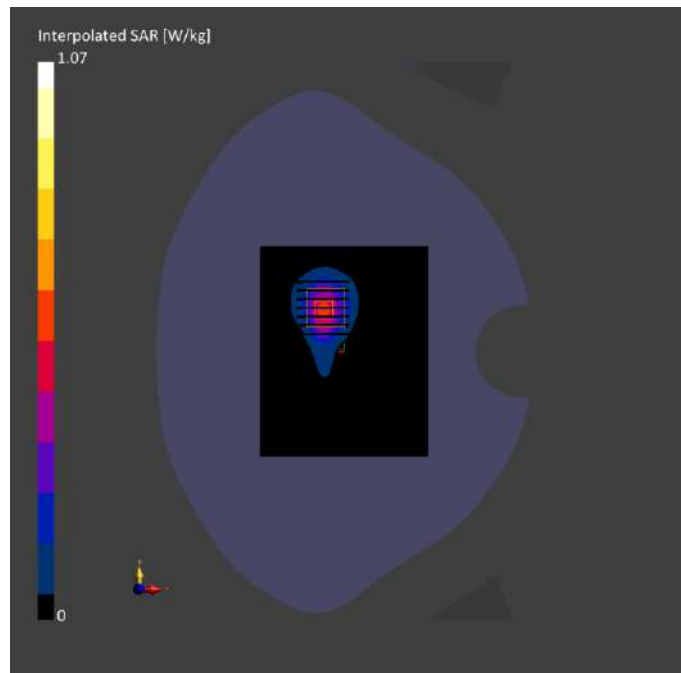
Exposure Conditions

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	EDGE TOP, 10.00	Band n77	5G NR FR1 TDD, 10866-AAF	3500.0, 633334	6.33	2.85	38.1	22.5	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	2025-08-08	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.423	0.461
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.169	0.189
Graded Grid	Yes	Yes	Power Drift [dB]	-0.14	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 [%]		52.5
			Dist 3dB Peak [mm]		8.9



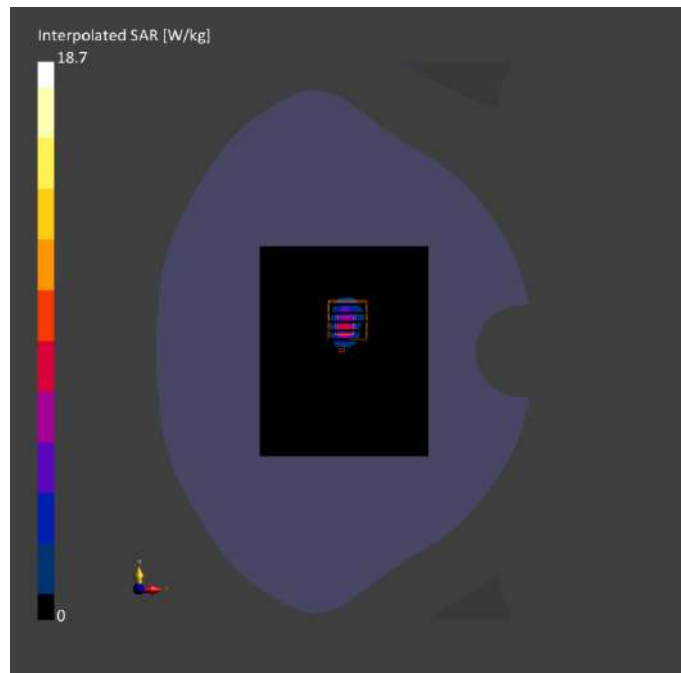
Meas.92 Body Plane with Top Edge 0mm on 633334 Channel in NR Band77 mode with Antenna 5
Exposure Conditions

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	EDGE TOP, 0.00	Band n77	5G NR FR1 TDD, 10973-AAD	3500.0, 633334	6.33	2.85	38.1	22.5	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	2025-08-08	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	25.0 x 25.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	5.71	6.31
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.74	1.97
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.04
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 [%]		43.9
			Dist 3dB Peak [mm]		4.0



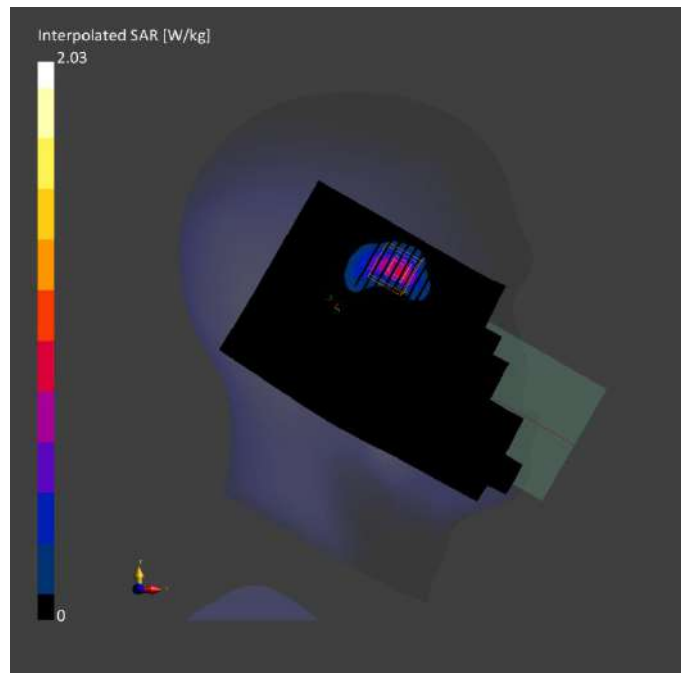
Meas.93 Left Head with Cheek on 650000 Channel in NR Band77 mode with Antenna 7
Exposure Conditions

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 n77	5G NR FR1 TDD, 10866-AAF	3750.0, 650000	6.85	3.20	37.0	22.5	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	2025-08-08	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	25.0 x 25.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.622	0.817
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.243	0.290
Graded Grid	Yes	Yes	Power Drift [dB]	0.06	-0.08
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 [%]		50.2
			Dist 3dB Peak [mm]		5.0



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Meas.94 Body Plane with Front Side 15mm on 656000 Channel in NR Band77 mode with Antenna 5

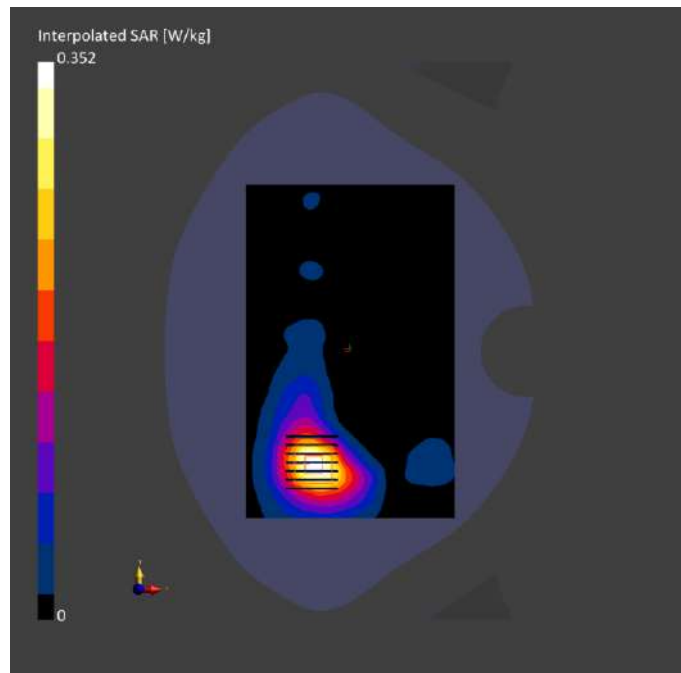
Exposure Conditions

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 n77	5G NR FR1 TDD, 10866-AAF	3840.0, 656000	6.75	3.26	38.5	22.3	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	2025-08-09	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.147	0.154
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.069	0.071
Graded Grid	Yes	Yes	Power Drift [dB]	-0.13	-0.11
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		47.9
			Dist 3dB Peak [mm]		13.9



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Meas.95 Body Plane with Right Edge 10mm on 656000 Channel in NR Band77 mode with Antenna 7

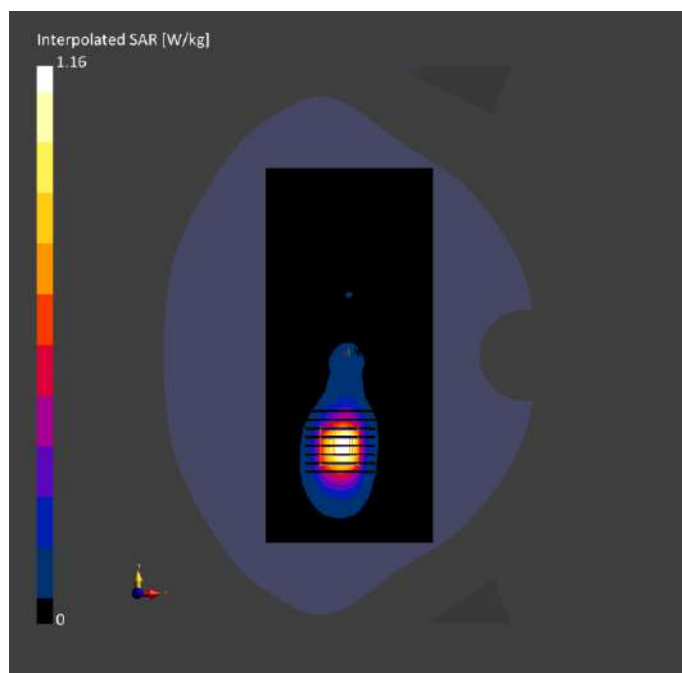
Exposure Conditions

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 n77	5G NR FR1 TDD, 10803-AAF	3840.0, 656000	6.75	3.26	38.5	22.3	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	2025-08-09	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 216.0	25.0 x 25.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.444	0.557
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.188	0.233
Graded Grid	Yes	Yes	Power Drift [dB]	-0.11	-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 [%]		55.9
			Dist 3dB Peak [mm]		8.0



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Meas.96 Body Plane with Top Edge 0mm on 656000 Channel in NR Band77 mode with Antenna 5

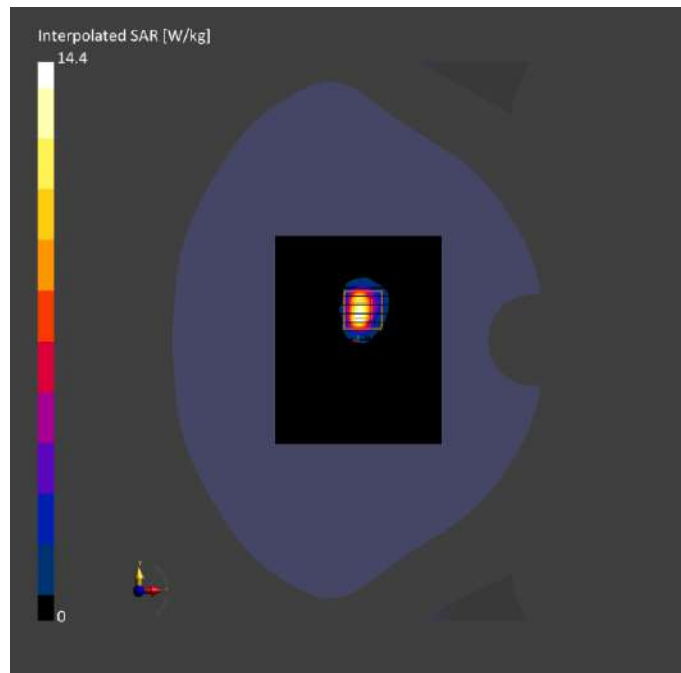
Exposure Conditions

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	EDGE TOP, 0.00	Band n77	5G NR FR1 TDD, 10803-AAF	3840.0, 656000	6.75	3.26	38.5	22.3	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	2025-08-09	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710,	2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	25.0 x 25.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	4.49	5.38
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.46	1.78
Graded Grid	Yes	Yes	Power Drift [dB]	-0.05	-0.04
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 [%]		45.7
			Dist 3dB Peak [mm]		5.1



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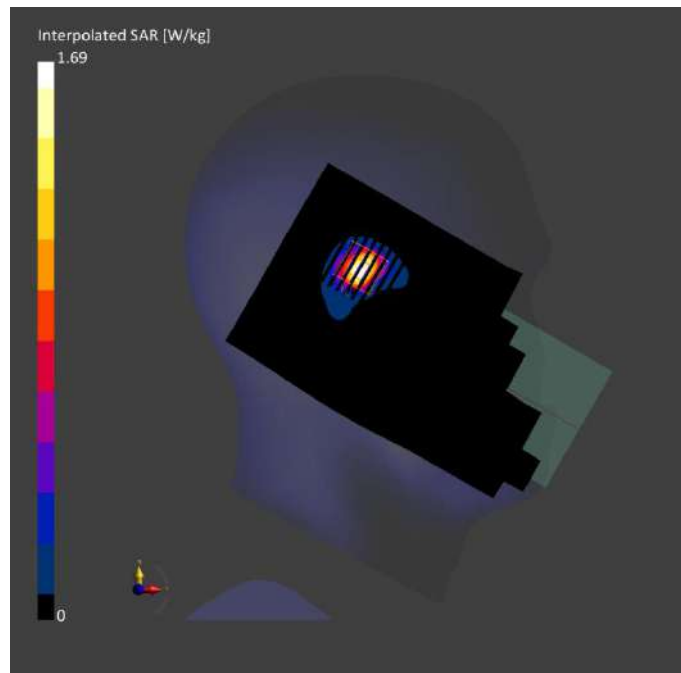
Meas.97 Left Head with Tilt on 633334 Channel in NR Band78 mode with Antenna 5
Exposure Conditions

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	TILT, 0.00	Band n78	5G NR FR1 TDD, 10866-AAF	3500.0, 633334	6.33	2.86	38.7	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	2025-08-09	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	25.0 x 25.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.587	0.725
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.220	0.267
Graded Grid	Yes	Yes	Power Drift [dB]	0.08	0.00
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		52.6
			Dist 3dB Peak [mm]		5.8



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Meas.98 Body Plane with Front Side 15mm on 633334 Channel in NR Band78 mode with Antenna 5

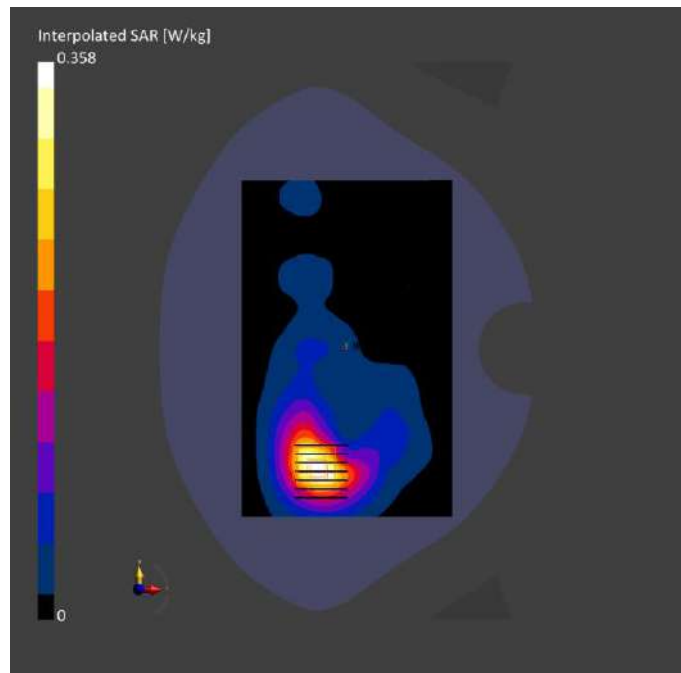
Exposure Conditions

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 n78	5G NR FR1 TDD, 10866-AAF	3500.0, 633334	6.33	2.86	38.7	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	2025-08-09	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.161	0.169
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.076	0.079
Graded Grid	Yes	Yes	Power Drift [dB]	-0.08	-0.09
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		52.2
			Dist 3dB Peak [mm]		11.4



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Meas.99 Body Plane with Left Edge 10mm on 633334 Channel in NR Band78 mode with Antenna 3

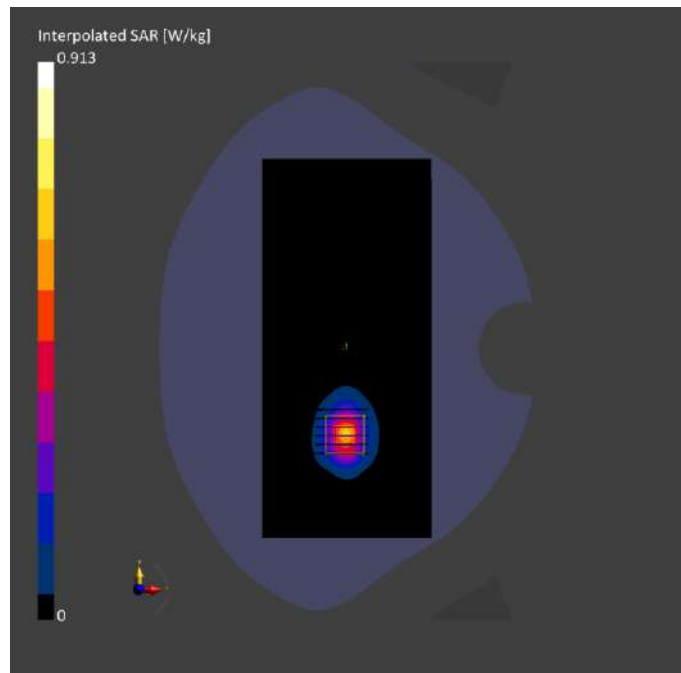
Exposure Conditions

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 n78	5G NR FR1 TDD, 10803-AAF	3500.0, 633334	6.33	2.86	38.7	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	2025-08-09	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 216.0	25.0 x 25.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.446	0.475
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.174	0.210
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	0.03
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]		8.9



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Meas.100 Body Plane with Top Edge 0mm on 633334 Channel in NR Band78 mode with Antenna 5

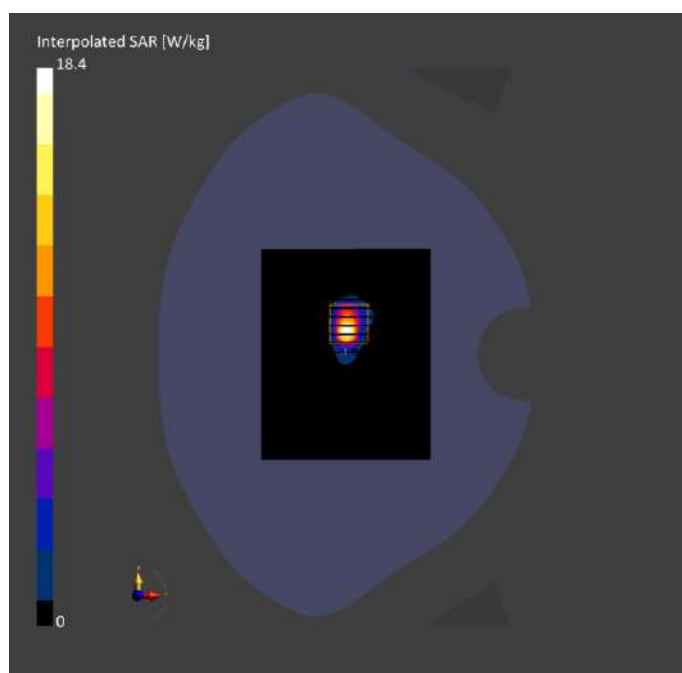
Exposure Conditions

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	EDGE TOP, 0.00	Band n78	5G NR FR1 TDD, 10973-AAD	3500.0, 633334	6.33	2.86	38.7	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	2025-08-09	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	25.0 x 25.0 x 24.0	Date	2025-08-09	2025-08-09
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	5.65	6.22
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.72	1.94
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 [%]		44.1
			Dist 3dB Peak [mm]		5.0



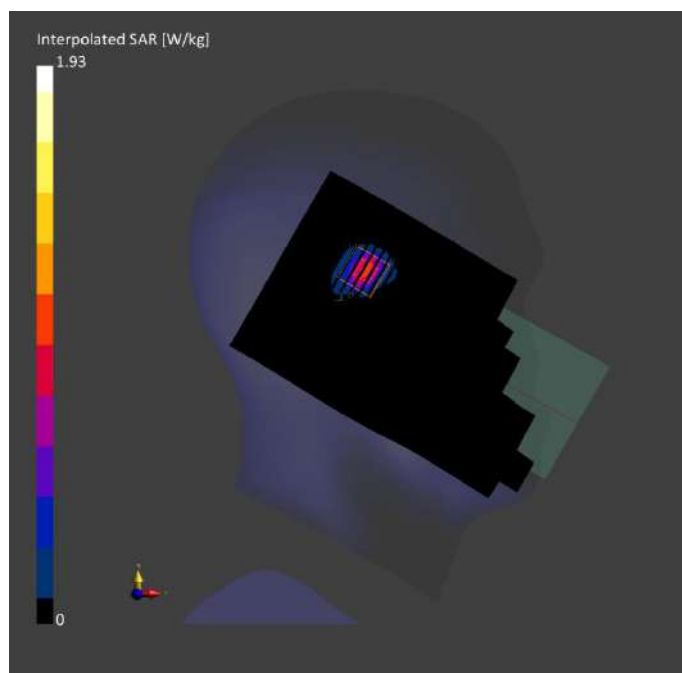
Meas.101 Left Head with Tilt on 650000 Channel in NR Band78 mode with Antenna 5
Exposure Conditions

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	TILT, 0.00	Band n78	5G NR FR1 TDD, 10866-AAF	3750.0, 650000	6.85	3.20	37.0	22.5	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	2025-08-08	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	25.0 x 25.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.721	0.847
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.262	0.317
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 [%]		53.0
			Dist 3dB Peak [mm]		6.0



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Meas.102 Body Plane with Front Side 15mm on 650000 Channel in NR Band78 mode with Antenna 5

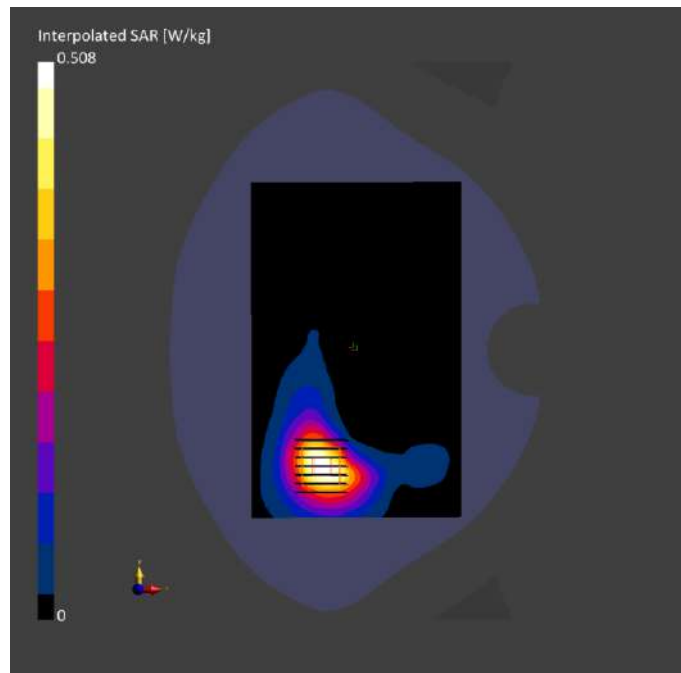
Exposure Conditions

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 n78	5G NR FR1 TDD, 10866-AAF	3750.0, 650000	6.85	3.20	37.0	22.5	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	2025-08-08	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.215	0.226
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.101	0.105
Graded Grid	Yes	Yes	Power Drift [dB]	-0.01	-0.15
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		48.3
			Dist 3dB Peak [mm]		13.5



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Meas.103 Body Plane with Right Edge 10mm on 650000 Channel in NR Band78 mode with Antenna 7

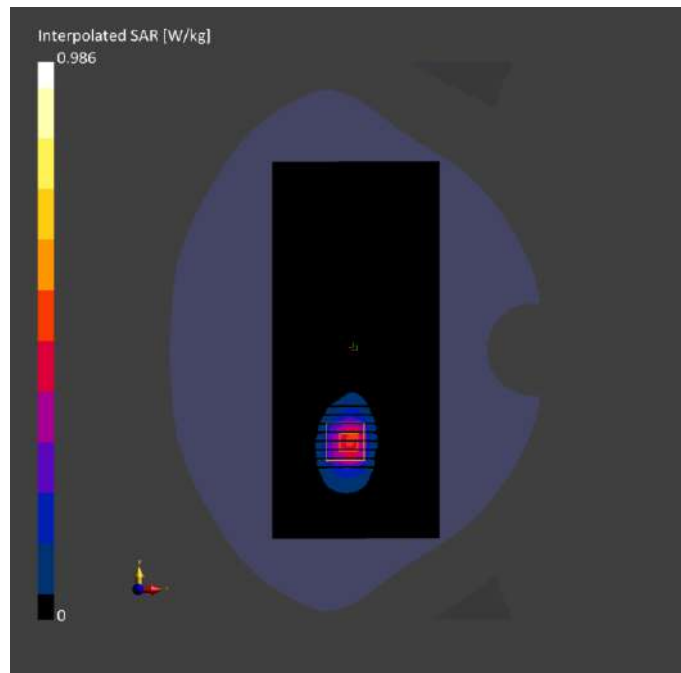
Exposure Conditions

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 n78	5G NR FR1 TDD, 10803-AAF	3750.0, 650000	6.85	3.20	37.0	22.5	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	2025-08-08	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 216.0	25.0 x 25.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.391	0.477
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.166	0.200
Graded Grid	Yes	Yes	Power Drift [dB]	-0.03	0.03
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 [%]		56.3
			Dist 3dB Peak [mm]		8.0



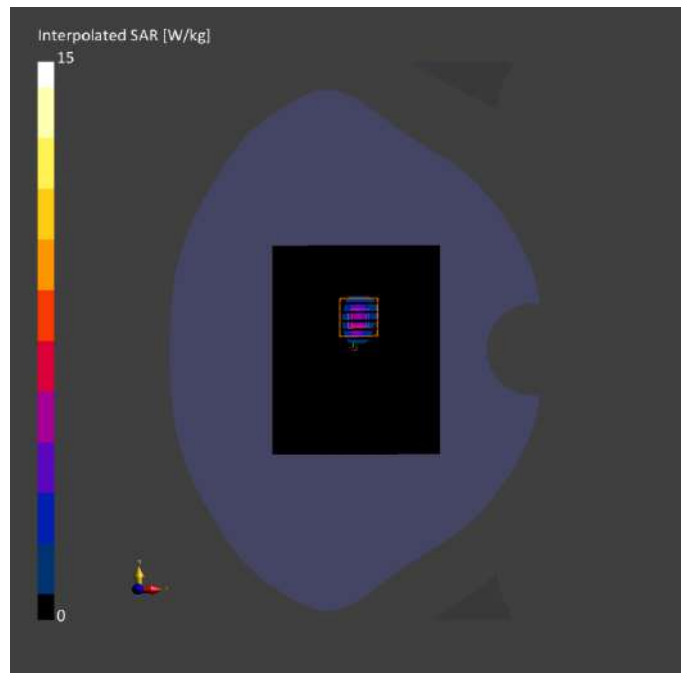
Meas.104 Body Plane with Top Edge 0mm on 650000 Channel in NR Band78 mode with Antenna 5
Exposure Conditions

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	EDGE TOP, 0.00	Band n78	5G NR FR1 TDD, 10973-AAD	3750.0, 650000	6.85	3.20	37.0	22.5	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	2025-08-08	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn1710, 2025-01-20

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	25.0 x 25.0 x 24.0	Date	2025-08-08	2025-08-08
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	4.17	5.15
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	1.35	1.63
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	0.00
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 [%]		41.3
			Dist 3dB Peak [mm]		5.0



Date: 2025.07.18

Communication System Band: 2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.756$ S/m; $\epsilon_r = 40.044$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (91x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.329 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.884 V/m; Power Drift = -0.11 dB

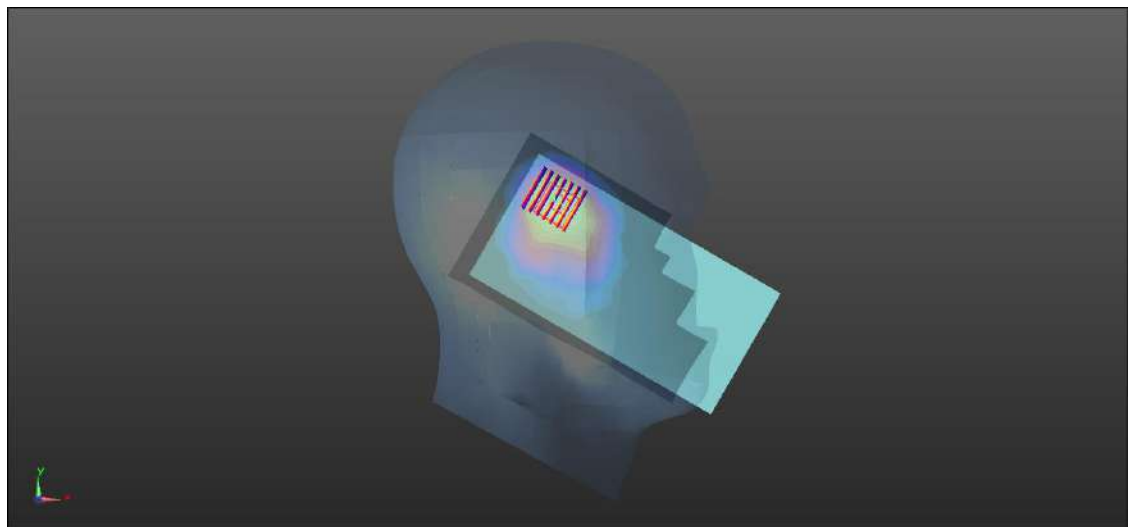
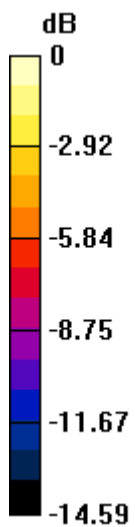
Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.143 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg

BL-SZ2571545-ATD

Meas.106 Body Plane with Back Side 15mm on 11 Channel in 802.11b mode with Antenna 6

Date: 2025.07.18

Communication System Band: 2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.659$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0818 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

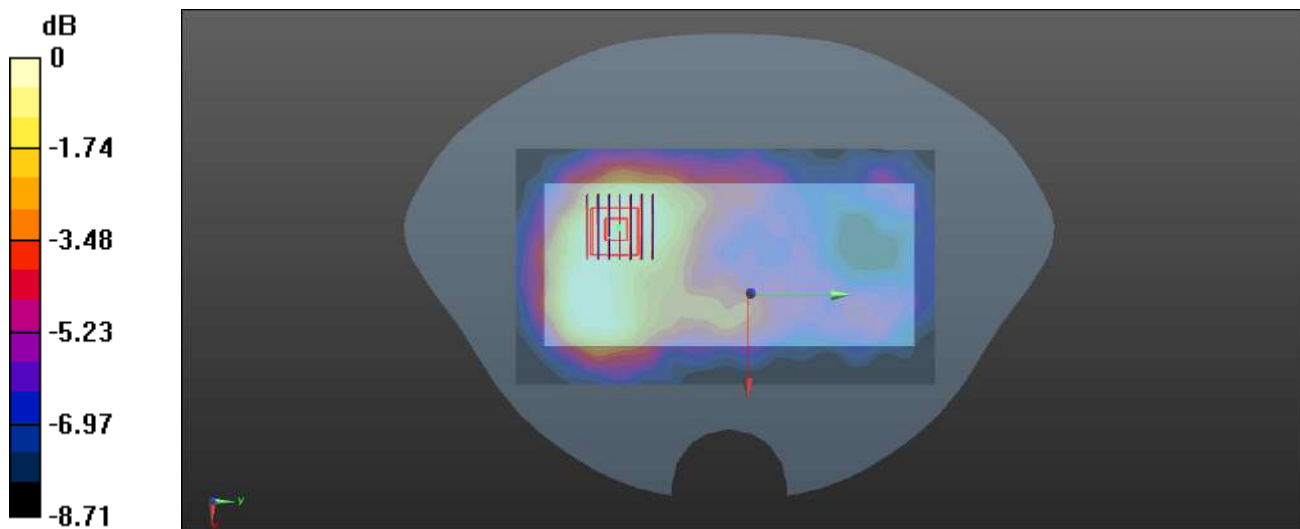
Reference Value = 3.203 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.050 W/kg

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 0.0769 W/kg



0 dB = 0.0769 W/kg

BL-SZ2571545-ATD

Meas.107 Body Plane with Top Edge 10mm on 11 Channel in 802.11b mode with Antenna 6

Date: 2025.07.18

Communication System Band: 2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.659$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.464 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.41 V/m; Power Drift = 0.02 dB

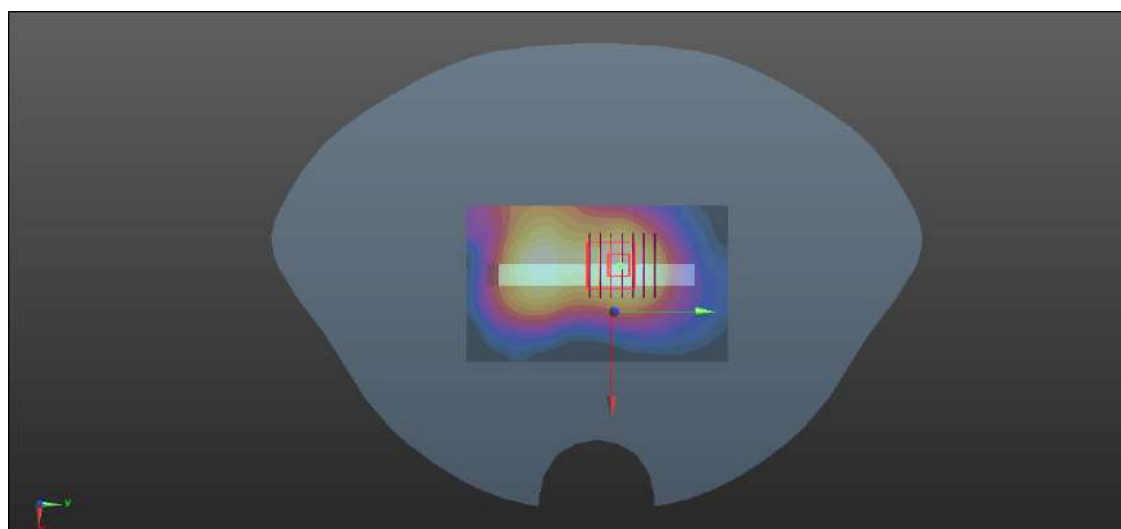
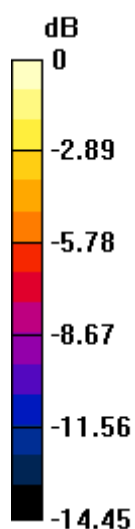
Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.204 W/kg

Smallest distance from peaks to all points 3 dB below = 13.3 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.407 W/kg

BL-SZ2571545-ATD

Meas.108 Body Plane with Top Edge 0mm on 11 Channel in 802.11b mode with Antenna 6

Date: 2025.07.18

Communication System Band: 2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.659$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.24 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.25 V/m; Power Drift = -0.09 dB

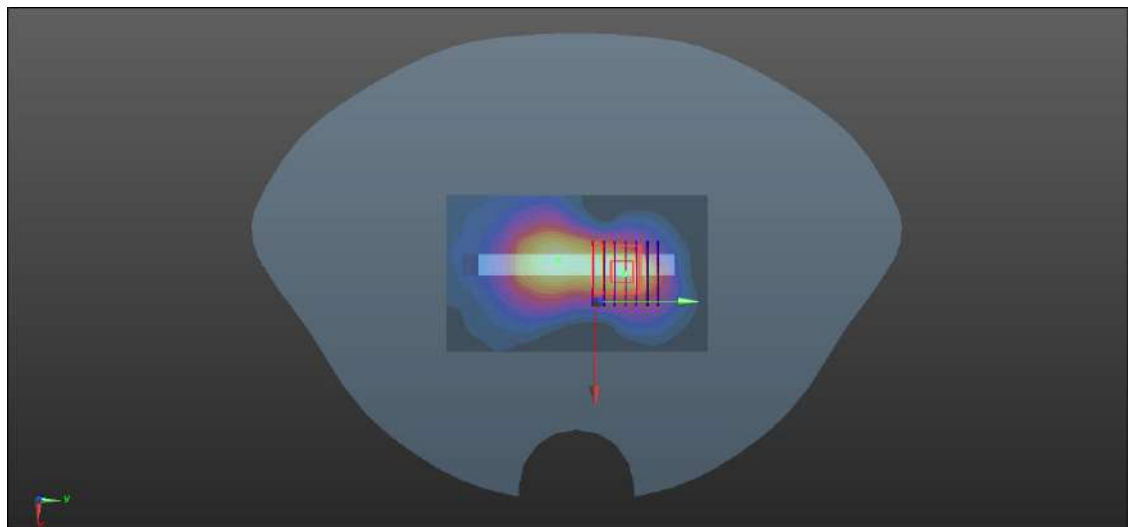
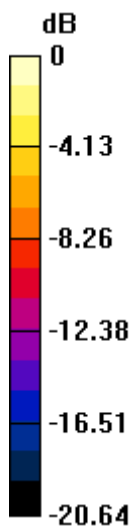
Peak SAR (extrapolated) = 3.87 W/kg

SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.593 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg

Meas.109 Left Head with Tilt on 58 Channel in IEEE802.11ac80 mode with Antenna 8

Date: 2025.07.28

Communication System Band: 5.3G; Frequency: 5290 MHz; Duty Cycle: 1:1.079

Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.83$ S/m; $\epsilon_r = 35.856$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.56, 5.56, 5.56); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- 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) = 0.528 W/kg

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

Reference Value = 1.283 V/m; Power Drift = 0.02 dB

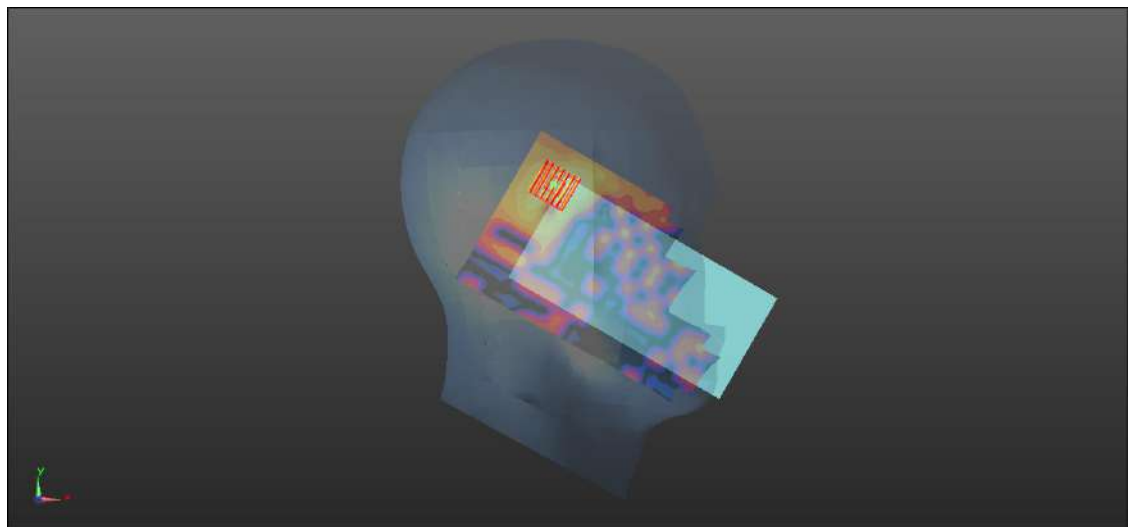
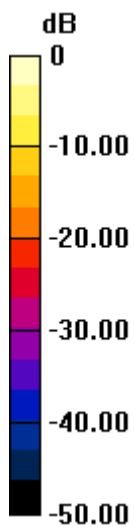
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

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

Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.662 W/kg

Meas.110 Left Head with Cheek on 122 Channel in IEEE802.11ac80 mode with Antenna 8

Date: 2025.07.29

Communication System Band: 5.6G; Frequency: 5610 MHz; Duty Cycle: 1:1.079

Medium parameters used (interpolated): $f = 5610$ MHz; $\sigma = 5.098$ S/m; $\epsilon_r = 34.662$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.05, 5.05, 5.05); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch122/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

Ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.211 V/m; Power Drift = 0.14 dB

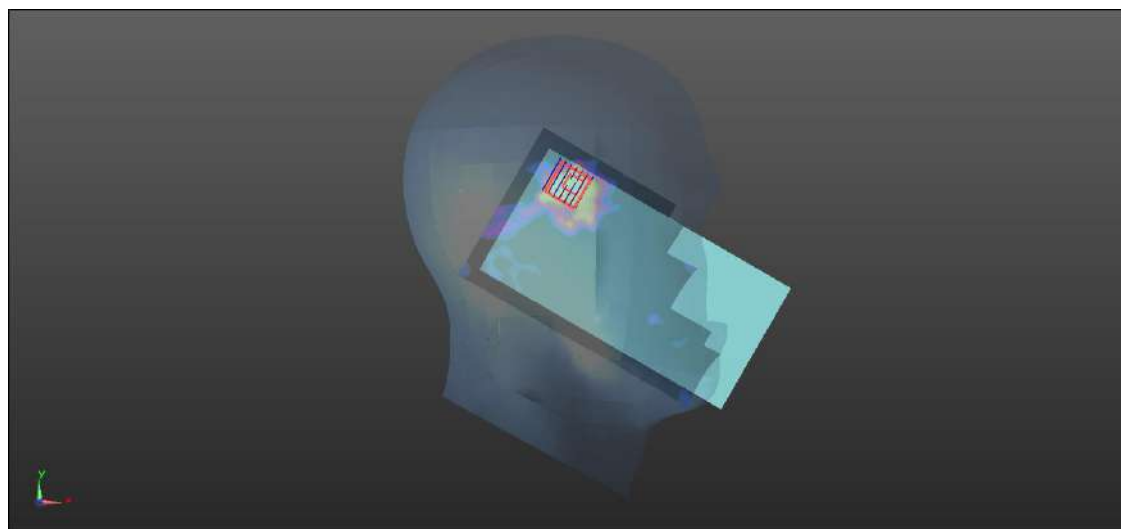
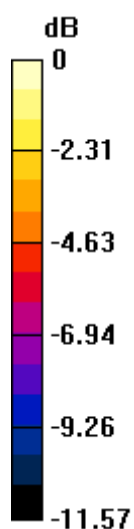
Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 65.8%

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg

BL-SZ2571545-ATD

Meas.111 Left Head with Cheek on 155 Channel in IEEE802.11ac80 mode with Antenna 8

Date: 2025.07.31

Communication System Band: 5.8G; Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.155$ S/m; $\epsilon_r = 36.163$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.14, 5.14, 5.14); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.274 V/m; Power Drift = 0.07 dB

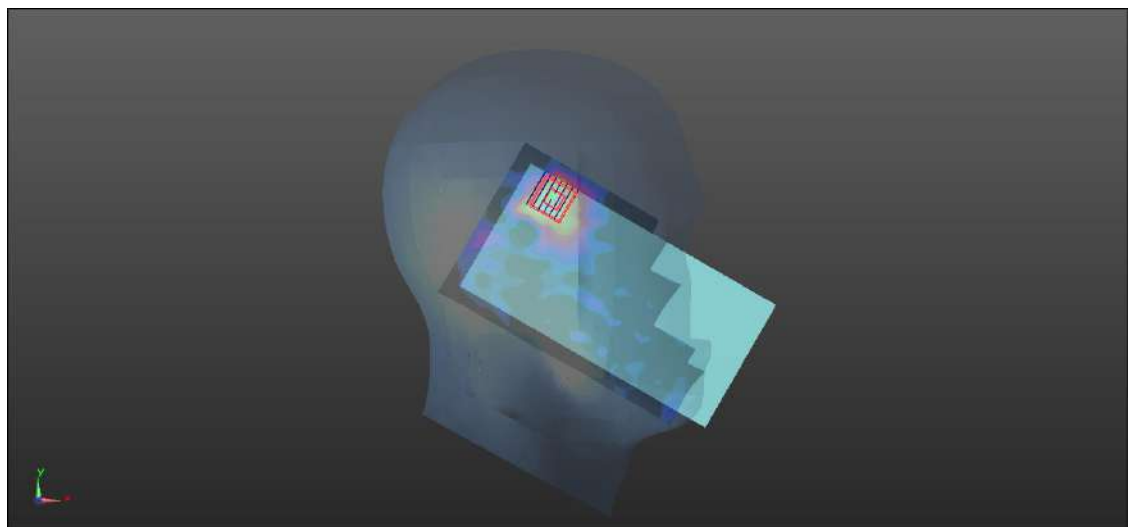
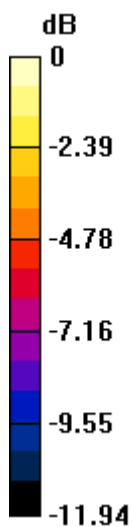
Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

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

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg

BL-SZ2571545-ATD

Meas.112 Body Plane with Back Side 15mm on 52 Channel in 802.11a mode with Antenna 8

Date: 2025.07.28

Communication System Band: 5.3G; Frequency: 5260 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 4.816$ S/m; $\epsilon_r = 36.332$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.56, 5.56, 5.56); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.141 W/kg

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

Reference Value = 1.637 V/m; Power Drift = 0.01 dB

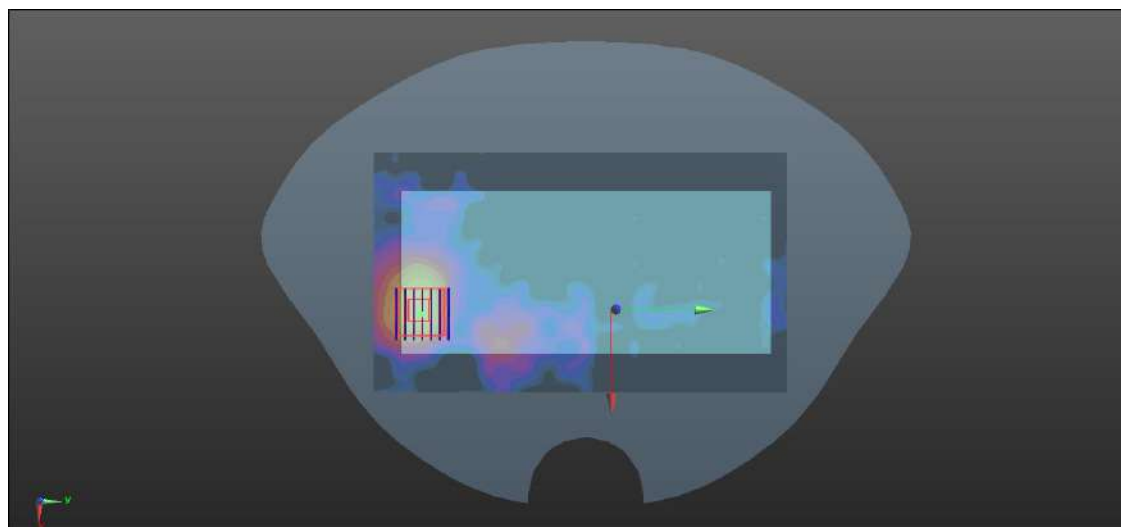
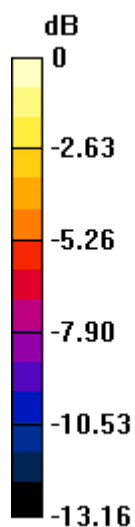
Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.065 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg

BL-SZ2571545-ATD

Meas.113 Body Plane with Back Side 15mm on 140 Channel in 802.11a mode with Antenna 8

Date: 2025.07.29

Communication System Band: 5.6G; Frequency: 5700 MHz; Duty Cycle: 1:1.02

Medium parameters used: $f = 5700$ MHz; $\sigma = 5.107$ S/m; $\epsilon_r = 34.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.05, 5.05, 5.05); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch140/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

Ch140/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.007 V/m; Power Drift = 0.07 dB

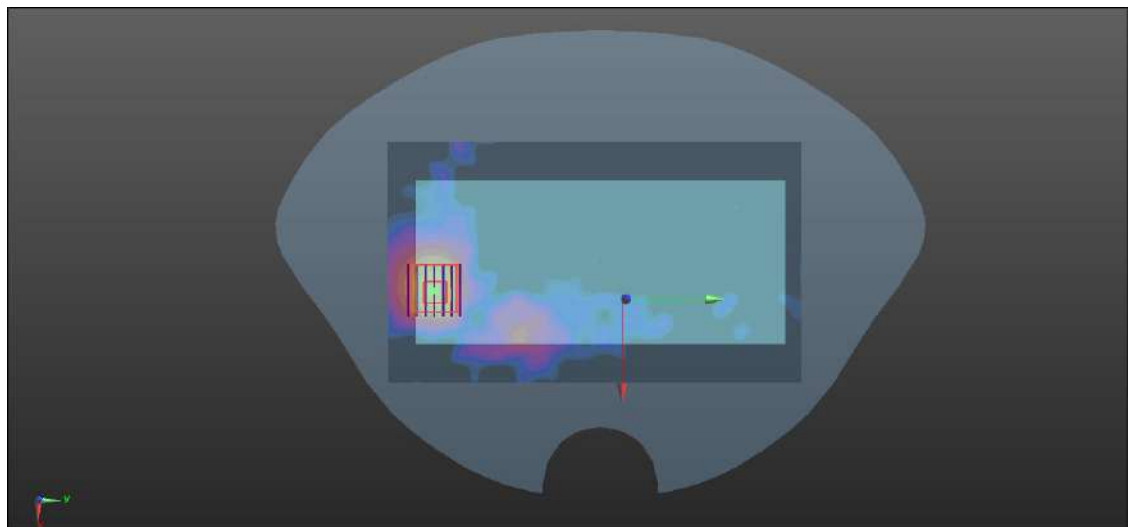
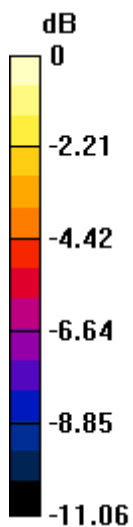
Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.055 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg

Meas.114 Body Plane with Back Side 15mm on 149 Channel in IEEE802.11a mode

Date: 2025.07.31

Communication System Band: WIFI5.8; Frequency: 5745 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.118$ S/m; $\epsilon_r = 36.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.14, 5.14, 5.14); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

Ch149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.9890 V/m; Power Drift = 0.04 dB

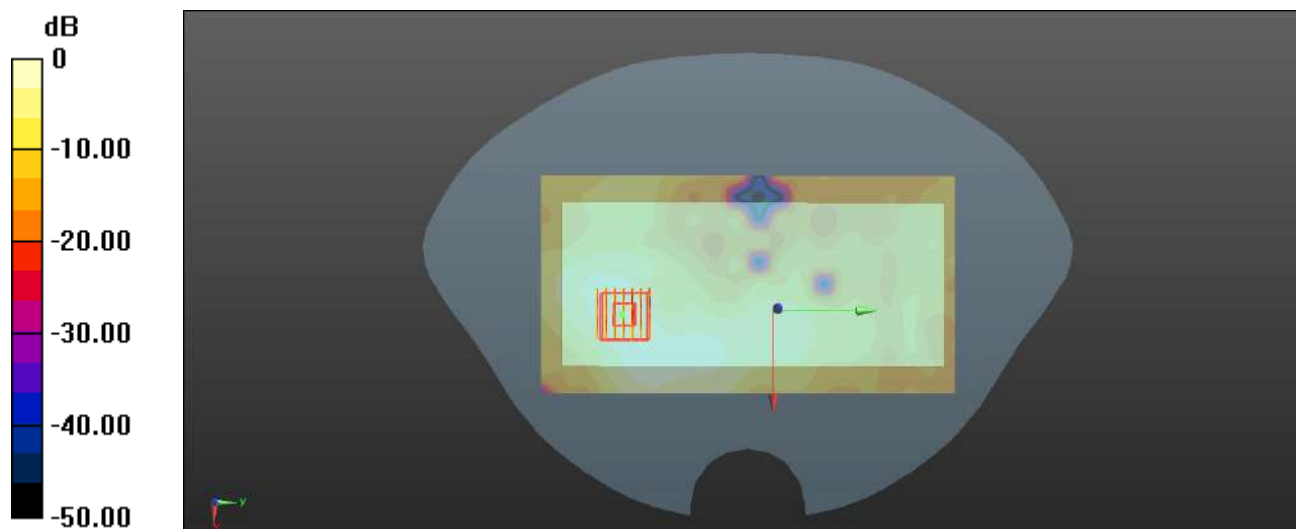
Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.040 W/kg

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg

BL-SZ2571545-ATD

Meas.115 Body Plane with Top Edge 10mm on 48 Channel in 802.11a mode with Antenna 8

Date: 2025.07.28

Communication System Band: 5.2G; Frequency: 5240 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.641$ S/m; $\epsilon_r = 36.89$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.76, 5.76, 5.76); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- 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) = 0.401 W/kg

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

Reference Value = 6.958 V/m; Power Drift = 0.09 dB

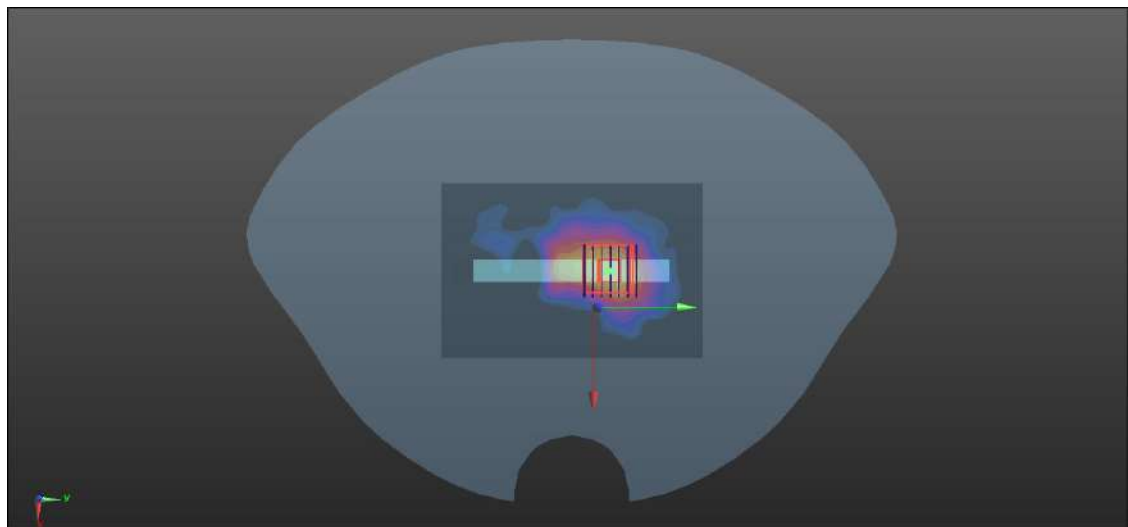
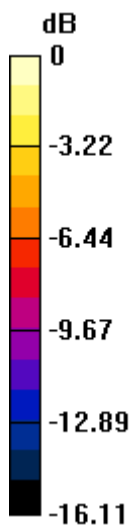
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.147 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.7%

Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.660 W/kg

BL-SZ2571545-ATD

Meas.116 Body Plane with Right Edge 10mm on 149 Channel in IEEE802.11a mode with Antenna 8

Date: 2025.07.31

Communication System Band: WIFI5.8; Frequency: 5745 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.118$ S/m; $\epsilon_r = 36.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.14, 5.14, 5.14); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.576 W/kg

Ch149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.040 V/m; Power Drift = 0.02 dB

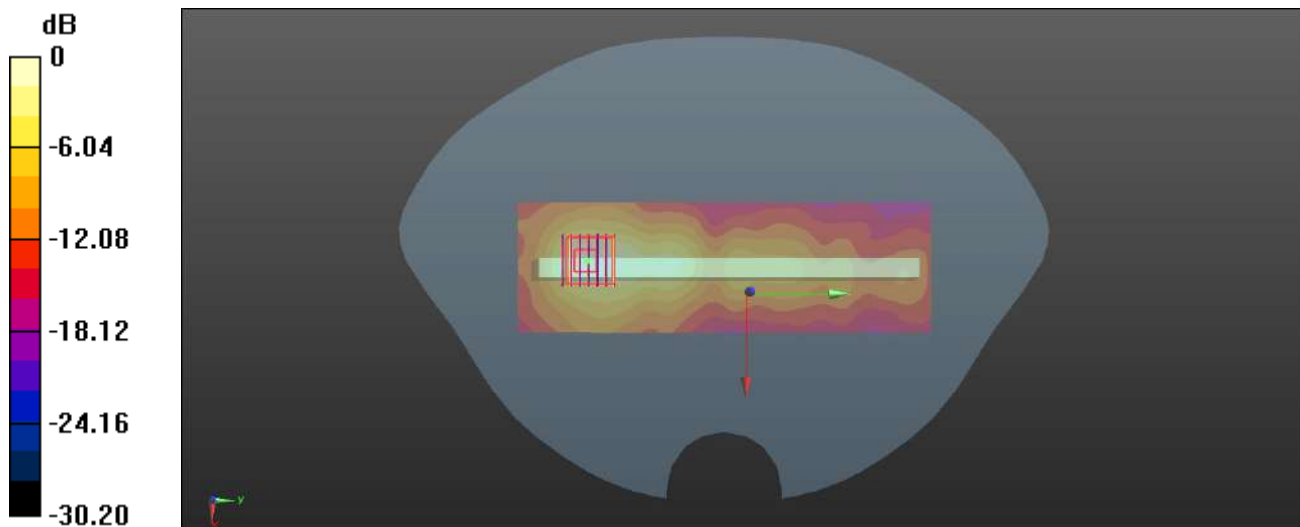
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.105 W/kg

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

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

Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg

BL-SZ2571545-ATD

Meas.117 Body Plane with Top Edge 0mm on 52 Channel in IEEE802.11a mode with Antenna 8

Date: 2025.07.28

Communication System Band: 5.3G; Frequency: 5260 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 4.816$ S/m; $\epsilon_r = 36.332$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.56, 5.56, 5.56); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.76 W/kg

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

Reference Value = 6.615 V/m; Power Drift = 0.12 dB

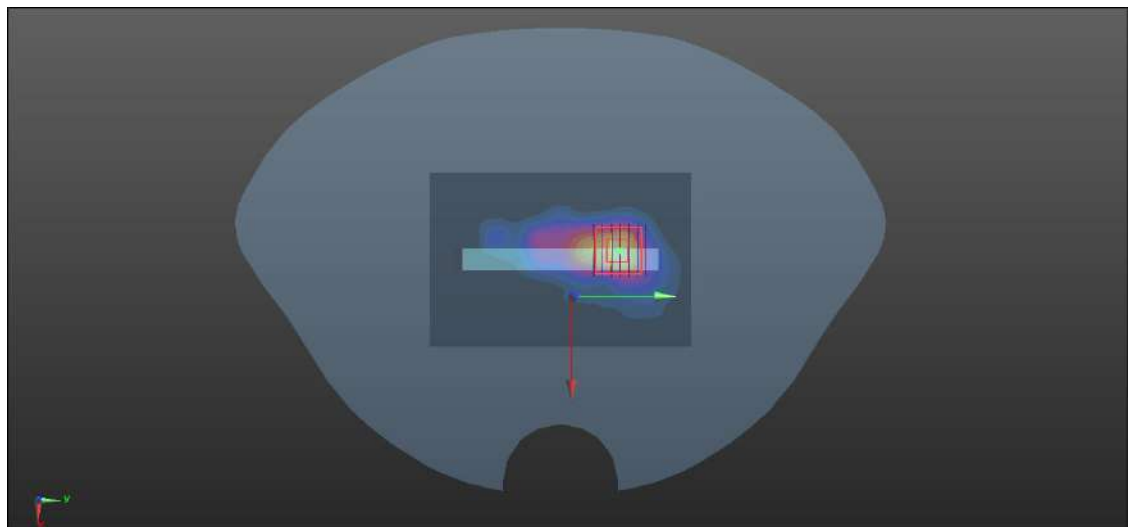
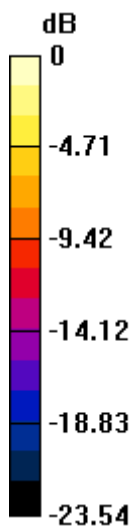
Peak SAR (extrapolated) = 14.3 W/kg

SAR(1 g) = 4.18 W/kg; SAR(10 g) = 0.780 W/kg

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 64.5%

Maximum value of SAR (measured) = 7.76 W/kg



0 dB = 7.76 W/kg

BL-SZ2571545-ATD

Meas.118 Body Plane with Top Edge 0mm on 140 Channel in IEEE802.11a mode with Antenna 8

Date: 2025.07.29

Communication System Band: 5.6G; Frequency: 5700 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5700$ MHz; $\sigma = 5.107$ S/m; $\epsilon_r = 34.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.05, 5.05, 5.05); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch140/Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.95 W/kg

Ch140/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.570 V/m; Power Drift = 0.04 dB

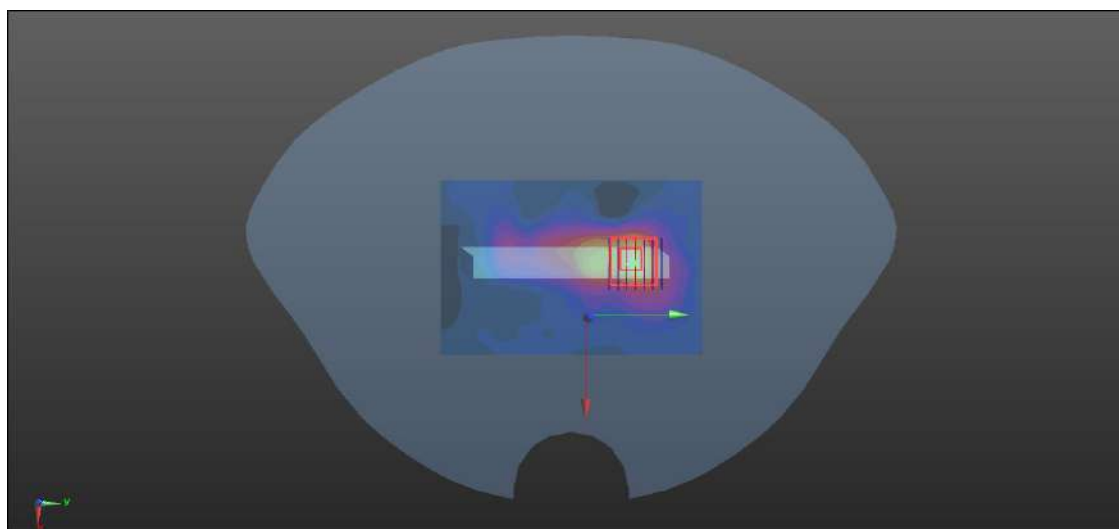
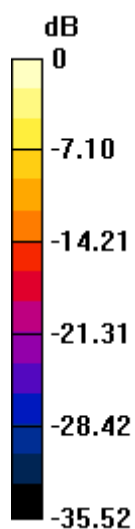
Peak SAR (extrapolated) = 27.3 W/kg

SAR(1 g) = 3.08 W/kg; SAR(10 g) = 0.568 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

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

Maximum value of SAR (measured) = 9.82 W/kg



0 dB = 9.82 W/kg

BL-SZ2571545-ATD

Meas.119 Body Plane with Right Edge 0mm on 149 Channel in IEEE802.11a mode with Antenna 8

Date: 2025.07.31

Communication System Band: 5.8G; Frequency: 5745 MHz; Duty Cycle: 1:1.02

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.118$ S/m; $\epsilon_r = 36.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.14, 5.14, 5.14); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.36 W/kg

Ch149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.713 V/m; Power Drift = 0.05 dB

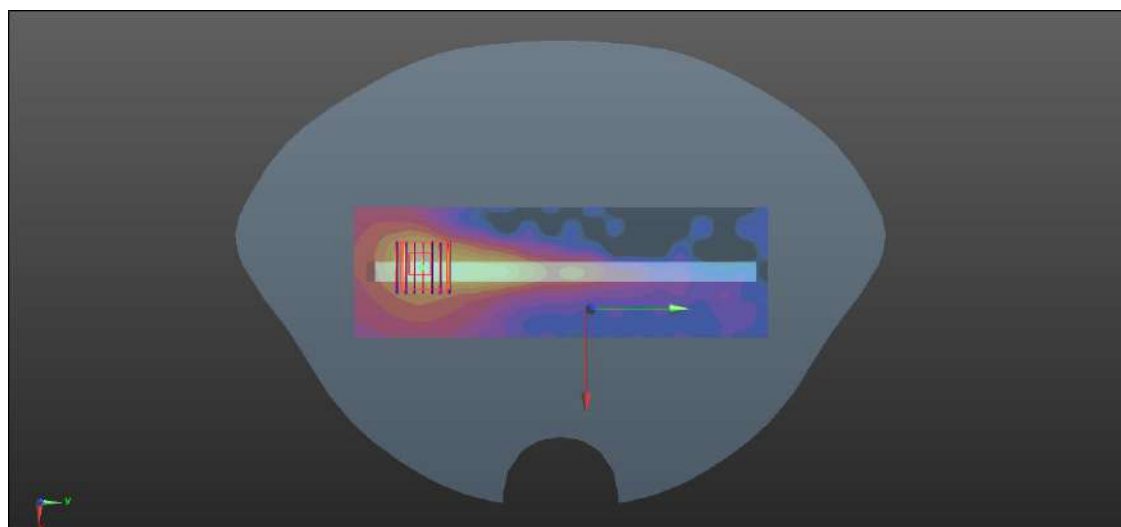
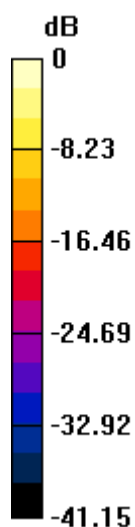
Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 0.884 W/kg

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

Maximum value of SAR (measured) = 9.86 W/kg



0 dB = 9.86 W/kg

BL-SZ2571545-ATD

Meas.120 Left Head with Cheek on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.07.18

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 39.675$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- 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) = 0.197 W/kg

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

Reference Value = 3.843 V/m; Power Drift = 0.03 dB

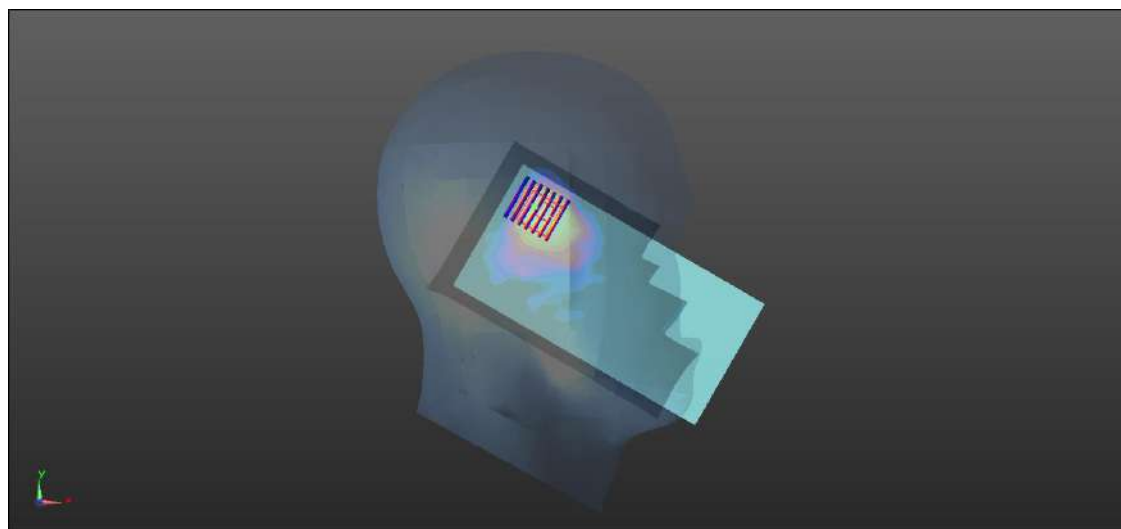
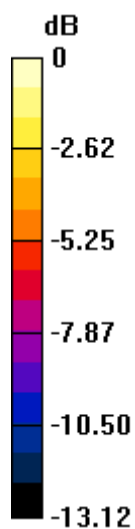
Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.057 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg

BL-SZ2571545-ATD

Meas.121 Body Plane with Back Side 15mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.07.18

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 39.675$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- 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) = 0.0138 W/kg

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

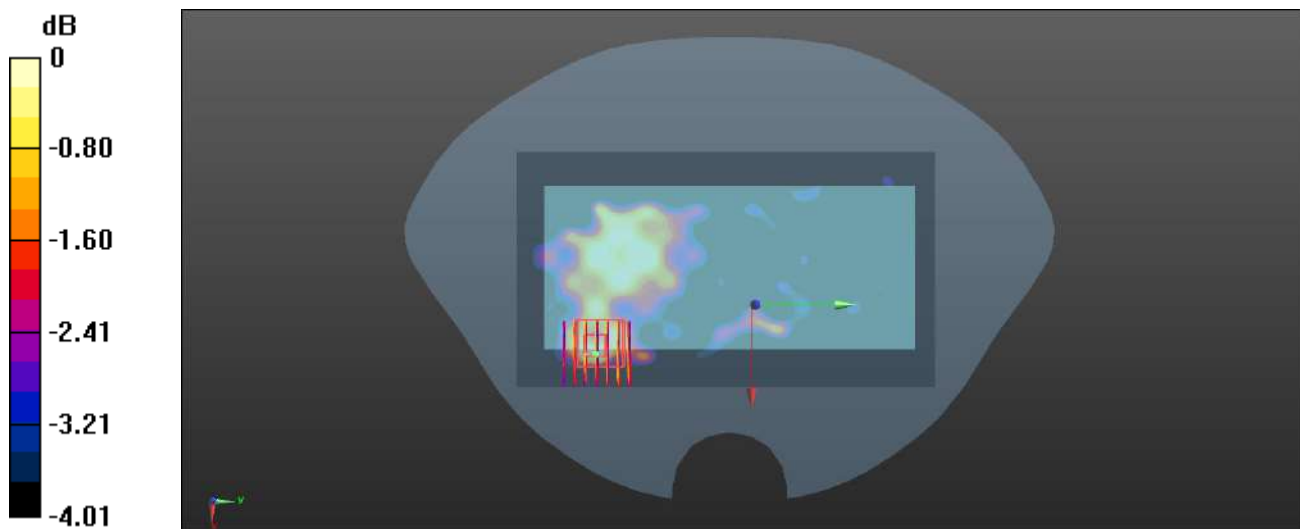
Reference Value = 1.809 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00848 W/kg

Ratio of SAR at M2 to SAR at M1 = 95.3%

Maximum value of SAR (measured) = 0.0110 W/kg



0 dB = 0.0110 W/kg

Date: 2025.07.18

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 39.675$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- 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) = 0.0272 W/kg

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

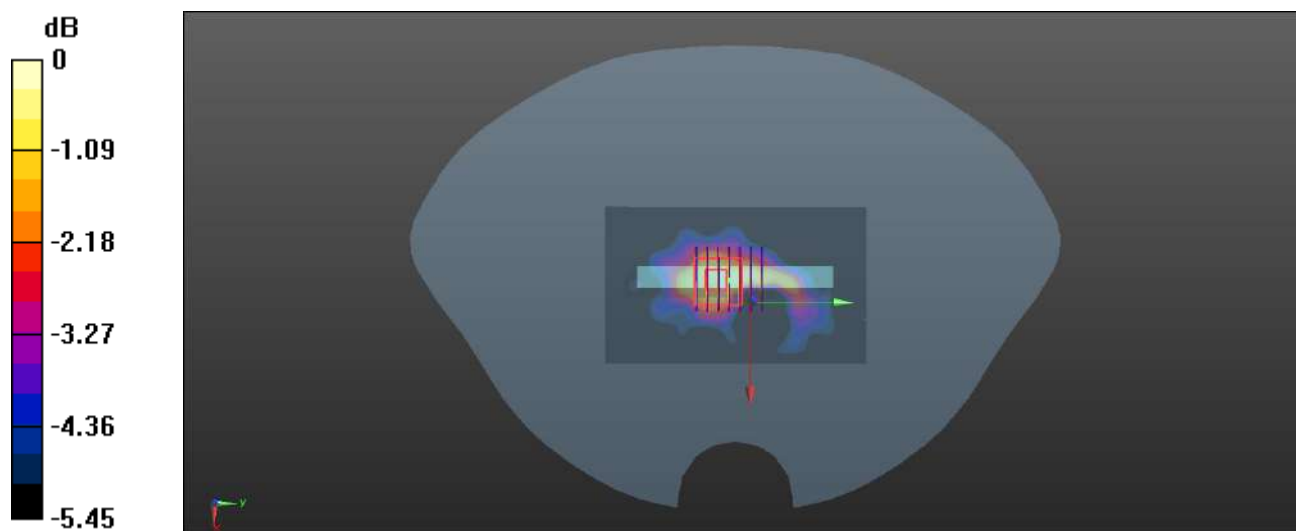
Reference Value = 3.662 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.018 W/kg

Ratio of SAR at M2 to SAR at M1 = 78.6%

Maximum value of SAR (measured) = 0.0266 W/kg



0 dB = 0.0266 W/kg

Meas.123 Body Plane with Top Edge 0mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.07.18

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 39.675$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8, 8, 8); Calibrated: 2025.06.05;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- 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) = 0.311 W/kg

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

Reference Value = 8.124 V/m; Power Drift = -0.06 dB

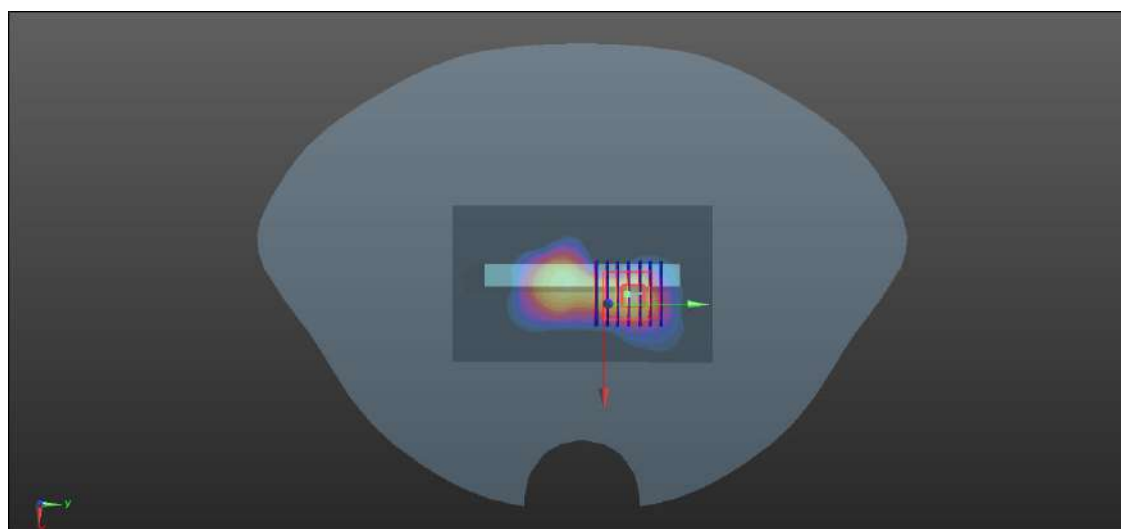
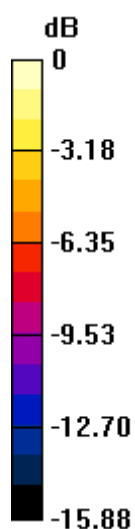
Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.096 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg

BL-SZ2571545-ATD

Meas.124 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	10.25	0.923	40.2	22.5	21.7

Hardware Setup

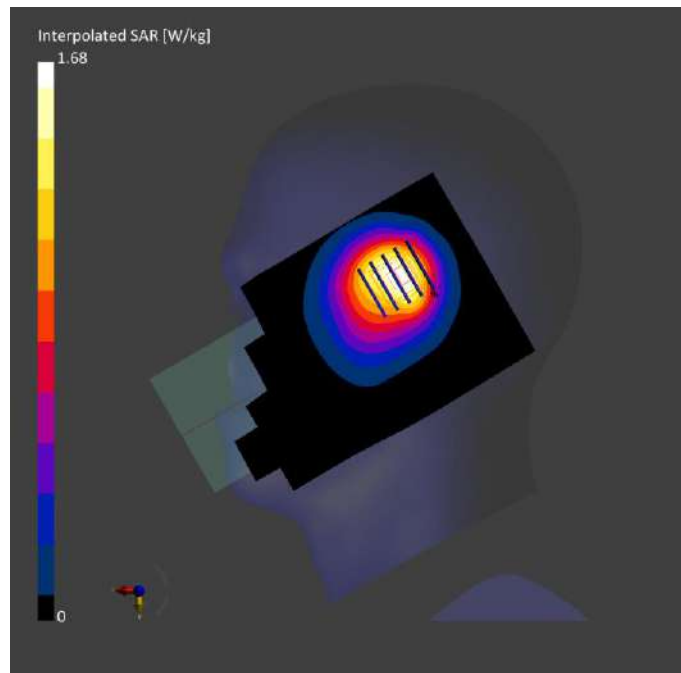
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-07-29	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn1710, 2025-01-20

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	2025-07-29	2025-07-29
psSAR1g [W/kg]	0.851	0.877
psSAR10g [W/kg]	0.564	0.537
Power Drift [dB]	0.02	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.4
Dist 3dB Peak [mm]		10.3



BL-SZ2571545-ATD

Meas.125 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	10.25	0.923	40.2	22.5	21.7

Hardware Setup

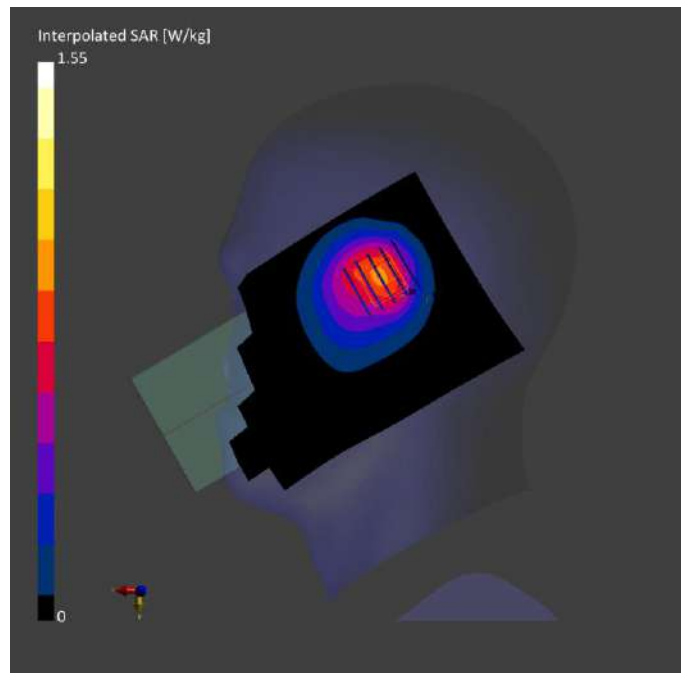
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-07-29	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn1710, 2025-01-20

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	2025-07-29	2025-07-29
psSAR1g [W/kg]	0.808	0.825
psSAR10g [W/kg]	0.533	0.507
Power Drift [dB]	-0.05	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.4
Dist 3dB Peak [mm]		10.3



BL-SZ2571545-ATD

Meas.126 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	10.25	0.923	40.2	22.5	21.7

Hardware Setup

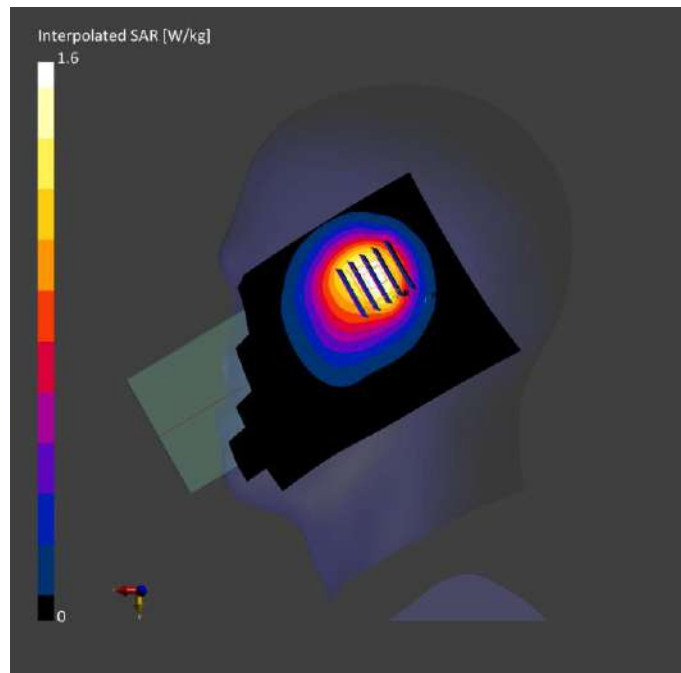
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-07-29	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn1710, 2025-01-20

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	2025-07-29	2025-07-29
psSAR1g [W/kg]	0.819	0.843
psSAR10g [W/kg]	0.542	0.519
Power Drift [dB]	-0.08	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		10.3



BL-SZ2571545-ATD

Meas.127 Body Plane with Front Side 15mm 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	FRONT, 15.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.34	1.41	40.6	22.1	21.5

Hardware Setup

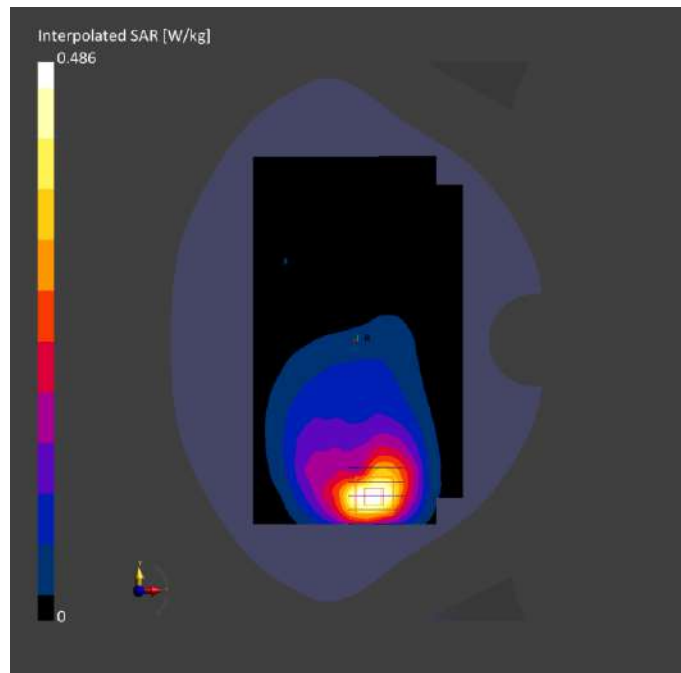
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-22	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-07-22	2025-07-22
psSAR1g [W/kg]	0.284	0.322
psSAR10g [W/kg]	0.161	0.193
Power Drift [dB]	0.15	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.7
Dist 3dB Peak [mm]		12.5



BL-SZ2571545-ATD

Meas.128 Body Plane with Front Side 15mm 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	FRONT, 15.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.34	1.41	40.6	22.1	21.5

Hardware Setup

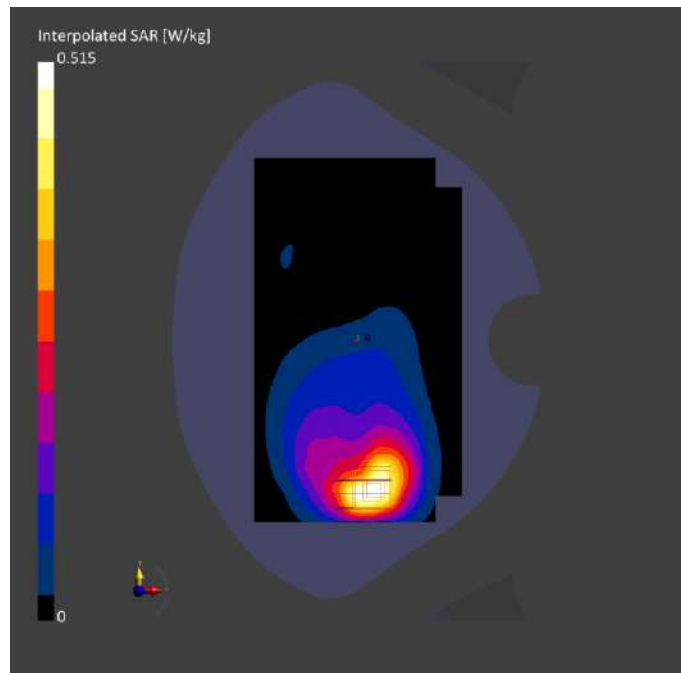
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-22	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-07-22	2025-07-22
psSAR1g [W/kg]	0.286	0.343
psSAR10g [W/kg]	0.165	0.202
Power Drift [dB]	0.07	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.7
Dist 3dB Peak [mm]		11.2



BL-SZ2571545-ATD

Meas.129 Body Plane with Front Side 15mm 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	FRONT, 15.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.34	1.41	40.6	22.1	21.5

Hardware Setup

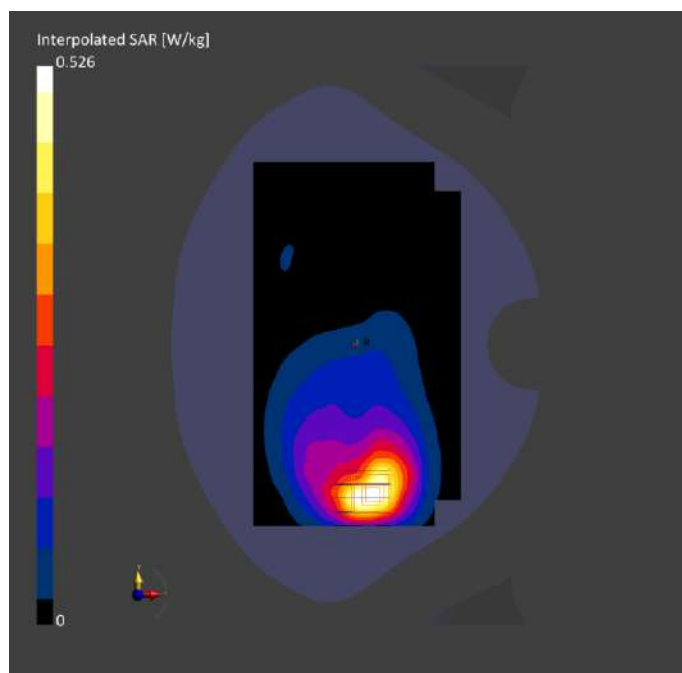
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-22	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-07-22	2025-07-22
psSAR1g [W/kg]	0.291	0.350
psSAR10g [W/kg]	0.167	0.206
Power Drift [dB]	0.09	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.3
Dist 3dB Peak [mm]		11.3



BL-SZ2571545-ATD

Meas.130 Body Plane with Top Edge 10mm on 509000 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, 10.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.95	39.3	22.4	21.7

Hardware Setup

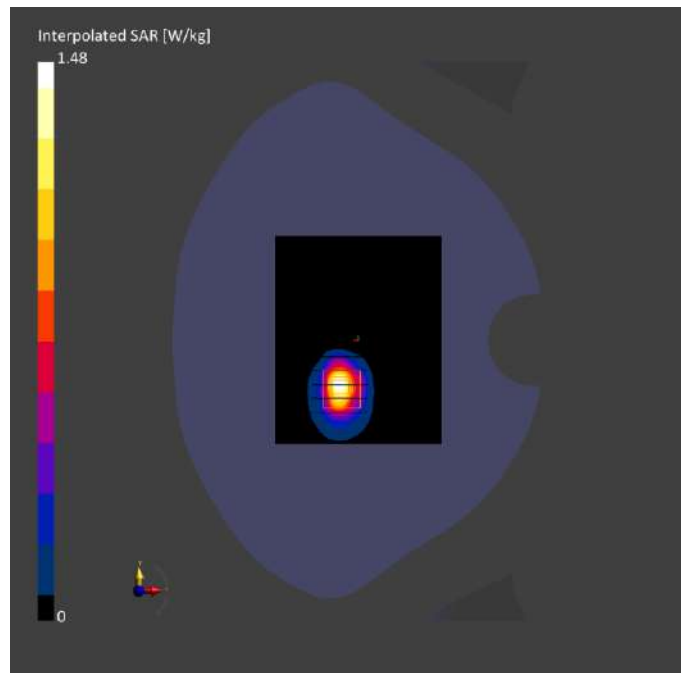
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-27	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	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	2025-07-27	2025-07-27
psSAR1g [W/kg]	0.661	0.747
psSAR10g [W/kg]	0.284	0.335
Power Drift [dB]	0.01	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		8.0



BL-SZ2571545-ATD

Meas.131 Body Plane with Top Edge 10mm on 509000 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, 10.00	Band n7	5G NR FR1	2545.0, 509000	7.06	1.95	39.3	22.4	21.7
			10935-AAD						

Hardware Setup

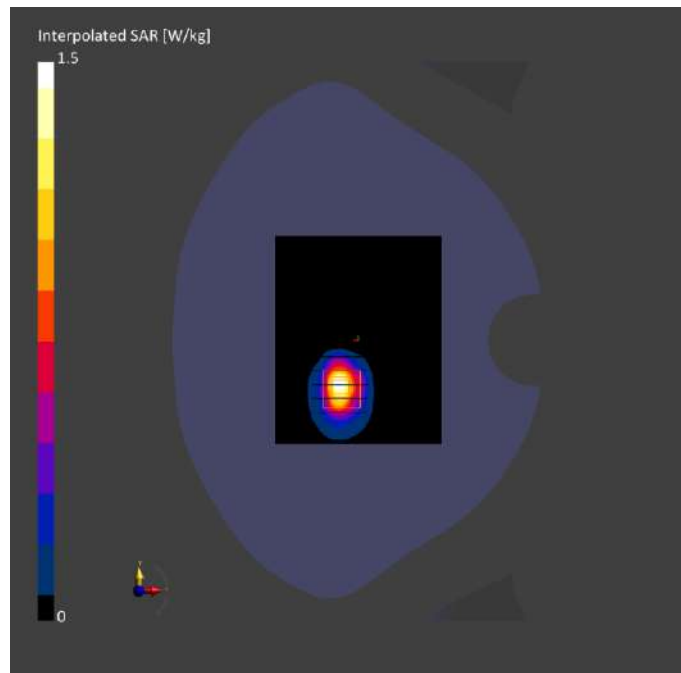
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-27	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	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	2025-07-27	2025-07-27
psSAR1g [W/kg]	0.676	0.751
psSAR10g [W/kg]	0.290	0.337
Power Drift [dB]	-0.08	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.2
Dist 3dB Peak [mm]		8.0



BL-SZ2571545-ATD

Meas.132 Body Plane with Top Edge 10mm on 509000 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, 10.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.95	39.3	22.4	21.7

Hardware Setup

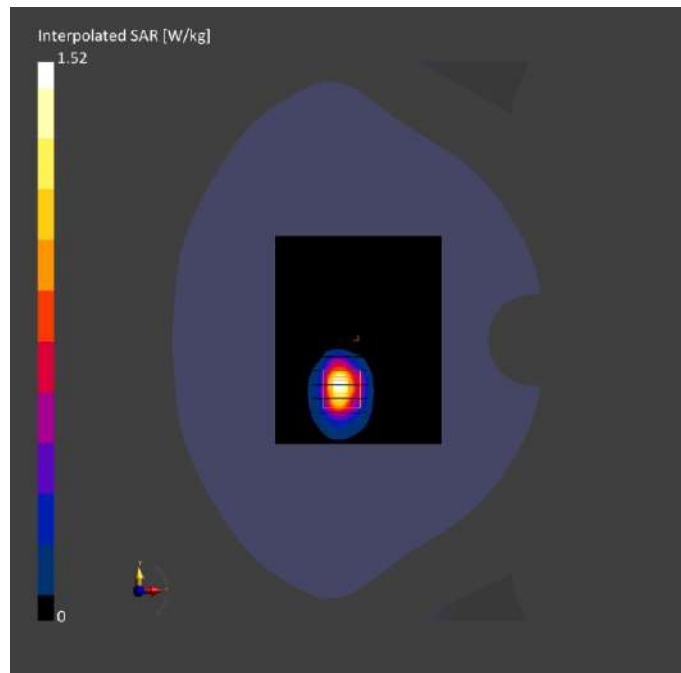
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-27	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	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	2025-07-27	2025-07-27
psSAR1g [W/kg]	0.686	0.766
psSAR10g [W/kg]	0.294	0.342
Power Drift [dB]	0.10	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.0
Dist 3dB Peak [mm]		6.4



BL-SZ2571545-ATD

Meas.133 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	7.34	1.41	40.6	22.1	21.5

Hardware Setup

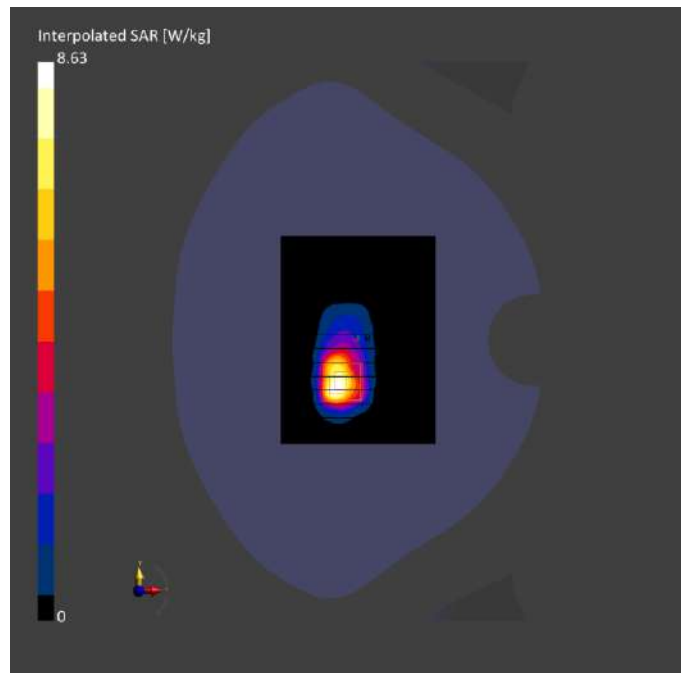
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-22	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-07-22	2025-07-22
psSAR1g [W/kg]	2.29	4.19
psSAR10g [W/kg]	1.13	1.79
Power Drift [dB]	-0.03	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.2
Dist 3dB Peak [mm]		6.4



BL-SZ2571545-ATD

Meas.134 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	7.34	1.41	40.6	22.1	21.5

Hardware Setup

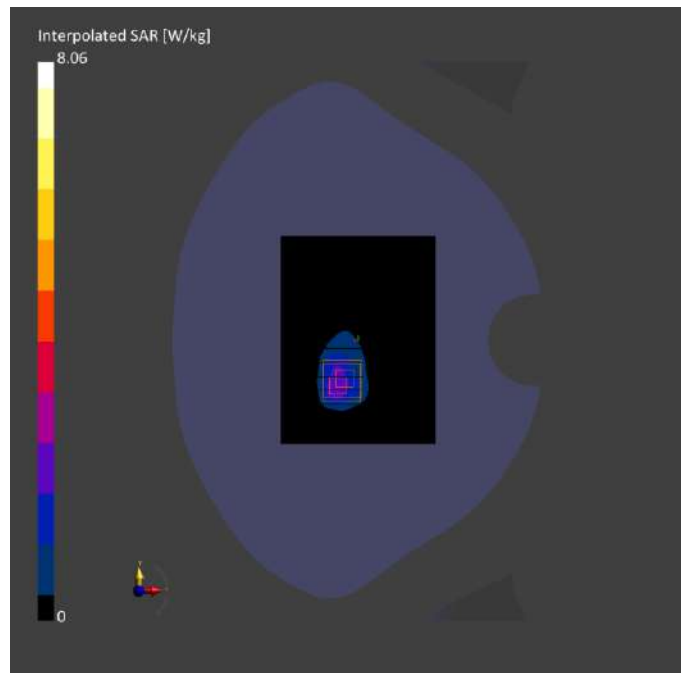
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-22	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-07-22	2025-07-22
psSAR1g [W/kg]	2.12	3.91
psSAR10g [W/kg]	1.05	1.69
Power Drift [dB]	-0.06	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.3
Dist 3dB Peak [mm]		6.4



BL-SZ2571545-ATD

Meas.135 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	7.34	1.41	40.6	22.1	21.5

Hardware Setup

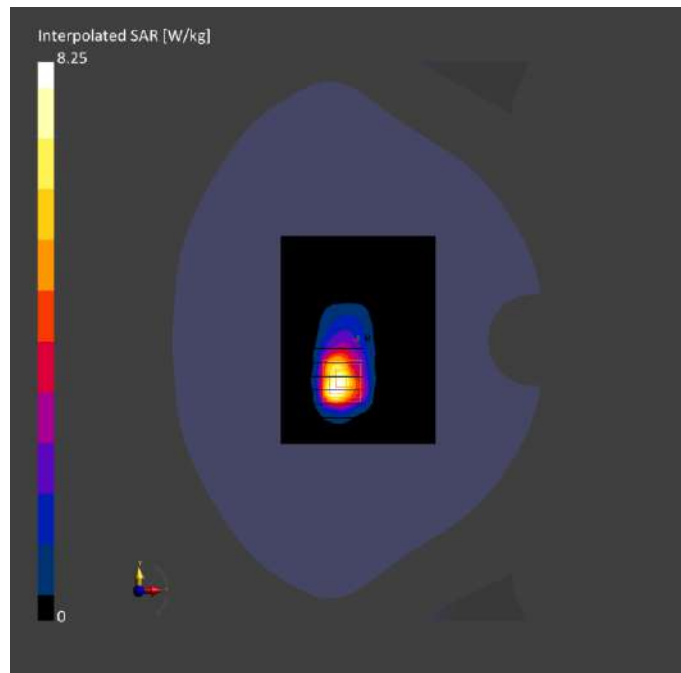
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-07-22	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-07-22	2025-07-22
psSAR1g [W/kg]	2.19	4.03
psSAR10g [W/kg]	1.08	1.74
Power Drift [dB]	0.01	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.8
Dist 3dB Peak [mm]		6.4



BL-SZ2571545-ATD

Meas.136 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	8.92	0.856	43.9	22.2	21.4

Hardware Setup

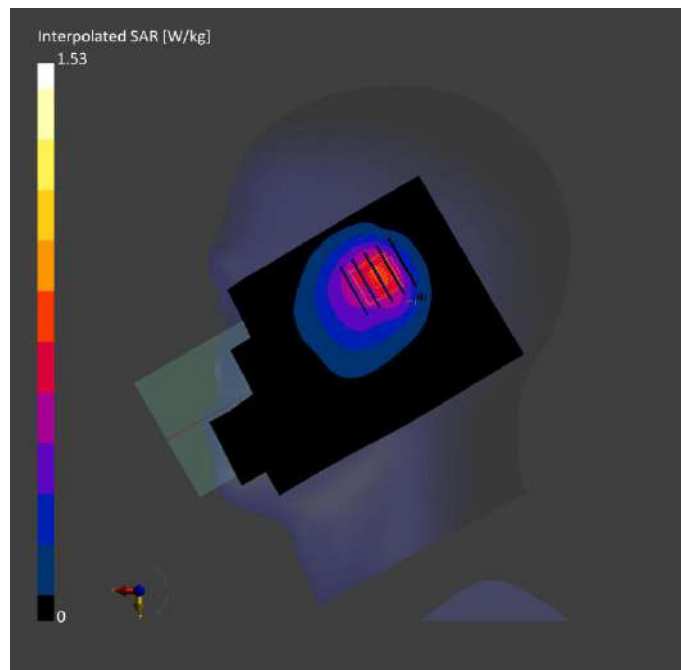
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-08-11	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-08-11	2025-08-11
psSAR1g [W/kg]	0.690	0.727
psSAR10g [W/kg]	0.456	0.439
Power Drift [dB]	0.00	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		42.5
Dist 3dB Peak [mm]		8.0



BL-SZ2571545-ATD

Meas.137 Body Plane with Back Side 15mm on Low Channel in LTE Band71 mode with Antenna 0

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	8.92	0.856	43.9	22.2	21.4

Hardware Setup

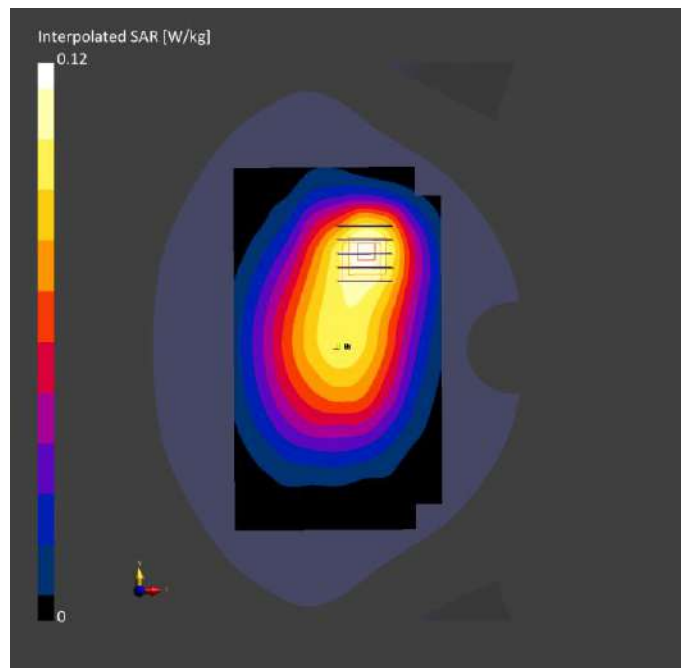
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-11	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-11	2025-08-11
psSAR1g [W/kg]	0.086	0.086
psSAR10g [W/kg]	0.060	0.061
Power Drift [dB]	0.01	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.7
Dist 3dB Peak [mm]		> 16.0



BL-SZ2571545-ATD

Meas.138 Body Plane with Right Edge 10mm on Low Channel in LTE Band71 mode with Antenna 0

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 71	LTE-FDD, 10169-CAF	673.0, 133222	8.92	0.856	43.9	22.2	21.4

Hardware Setup

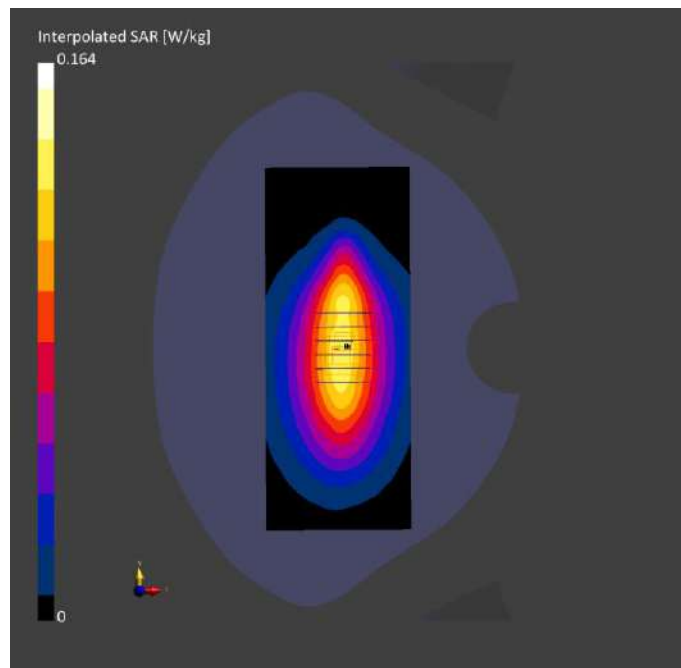
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-11	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	6.0 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	2025-08-11	2025-08-11
psSAR1g [W/kg]	0.119	0.114
psSAR10g [W/kg]	0.081	0.081
Power Drift [dB]	-0.04	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.1
Dist 3dB Peak [mm]		> 16.0



Meas.139 Right Head with Cheek on 134600 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	673.0, 134600	8.92	0.856	43.9	22.2	21.4

Hardware Setup

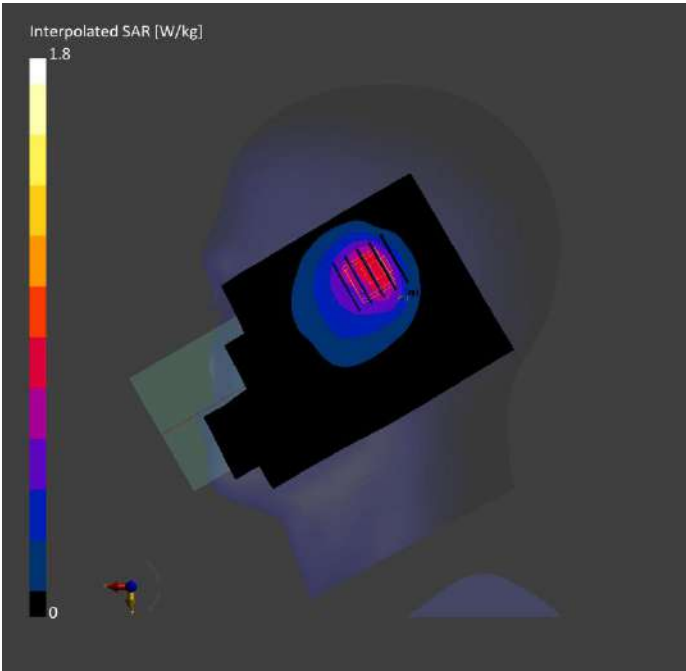
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-11	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-11	2025-08-11
psSAR1g [W/kg]	0.768	0.833
psSAR10g [W/kg]	0.499	0.491
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		41.2
Dist 3dB Peak [mm]		6.4



Meas.140 Body Plane with Back Side 15mm on 134600 Channel in NR Band71 mode with Antenna 0

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	673.0, 134600	8.92	0.856	43.9	22.2	21.4

Hardware Setup

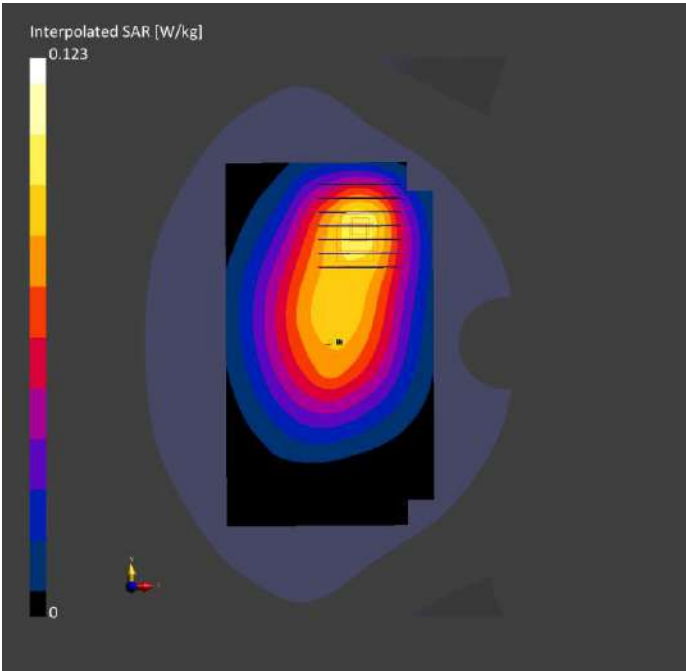
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-11	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-11	2025-08-11
psSAR1g [W/kg]	0.089	0.089
psSAR10g [W/kg]	0.063	0.064
Power Drift [dB]	0.01	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.3
Dist 3dB Peak [mm]		22.9



BL-SZ2571545-ATD

Meas.141 Body Plane with Right Edge 10mm on 134600 Channel in NR Band71 mode with Antenna 0

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 n71	5G NR FR1 FDD, 10931-AAC	673.0, 134600	8.92	0.856	43.9	22.2	21.4

Hardware Setup

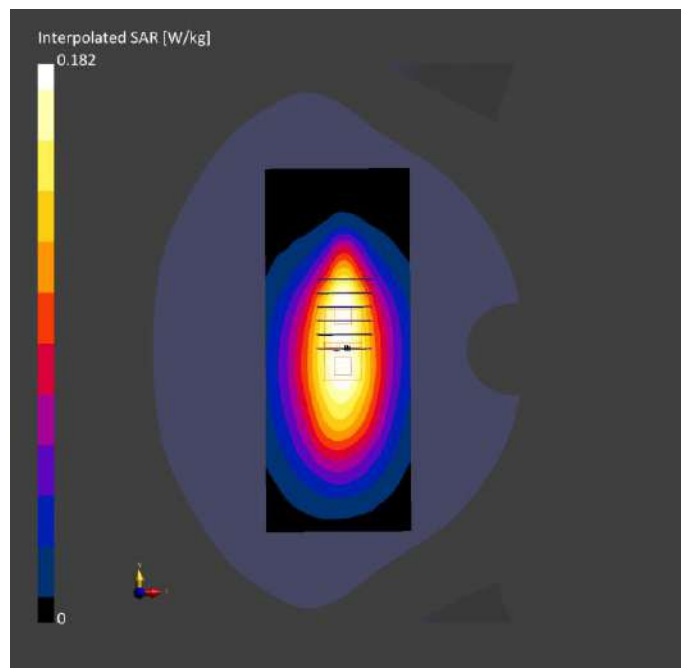
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-11	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	6.0 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	2025-08-11	2025-08-11
psSAR1g [W/kg]	0.120	0.119
psSAR10g [W/kg]	0.083	0.084
Power Drift [dB]	0.03	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		15.1



BL-SZ2571545-ATD

Meas.142 Right Head with Tilt on High 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	1745.0, 20300	7.57	1.37	39.9	22.3	21.5

Hardware Setup

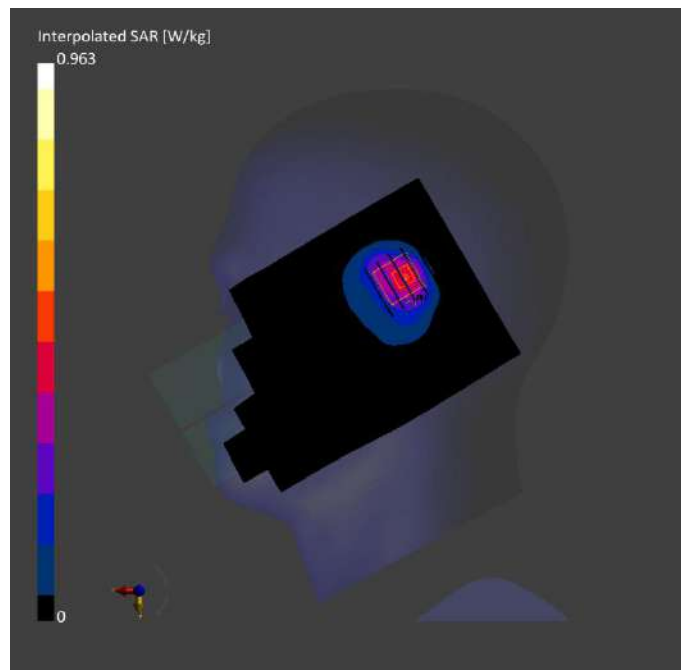
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.485	0.634
psSAR10g [W/kg]	0.275	0.323
Power Drift [dB]	-0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		8.0



BL-SZ2571545-ATD

Meas.143 Body Plane with Front Side 15mm on High 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	FRONT, 15.00	Band 4	LTE-FDD, 10169-CAF	1745.0, 20300	7.57	1.37	39.9	22.3	21.5

Hardware Setup

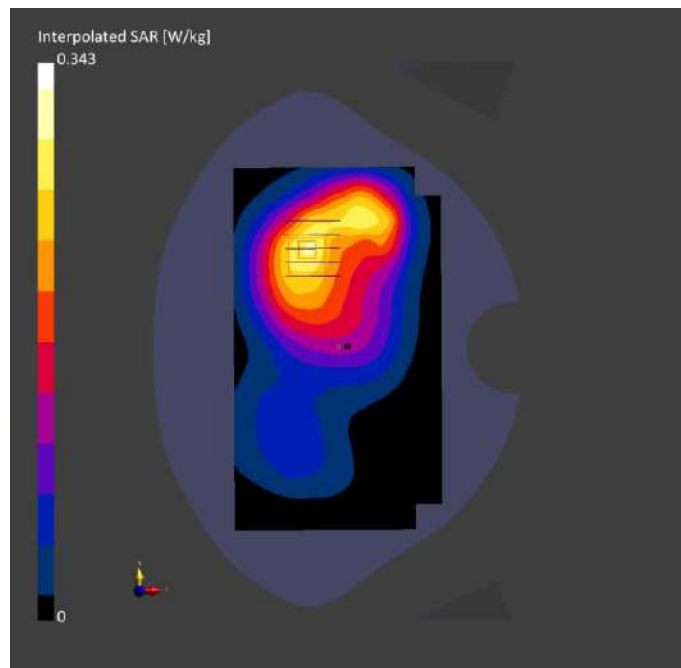
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.245	0.255
psSAR10g [W/kg]	0.153	0.179
Power Drift [dB]	0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		73.2
Dist 3dB Peak [mm]		> 16.0



BL-SZ2571545-ATD

Meas.144 Body Plane with Top Edge 10mm on High 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, 10.00	Band 4	LTE-FDD, 10169-CAF	1745.0, 20300	7.57	1.37	39.9	22.3	21.5

Hardware Setup

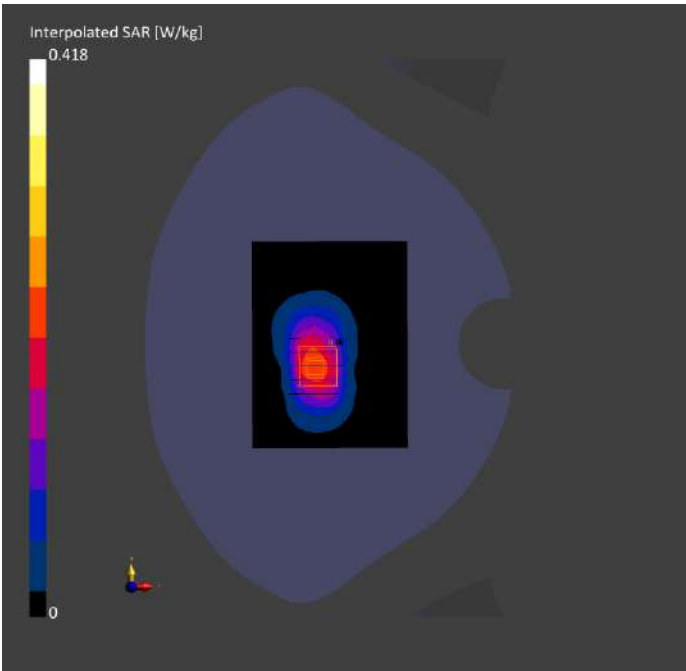
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.306	0.365
psSAR10g [W/kg]	0.178	0.205
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.7
Dist 3dB Peak [mm]		9.6



Meas.145 Body Plane with Top Edge 0mm on High 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	1745.0, 20300	7.57	1.37	39.9	22.3	21.5

Hardware Setup

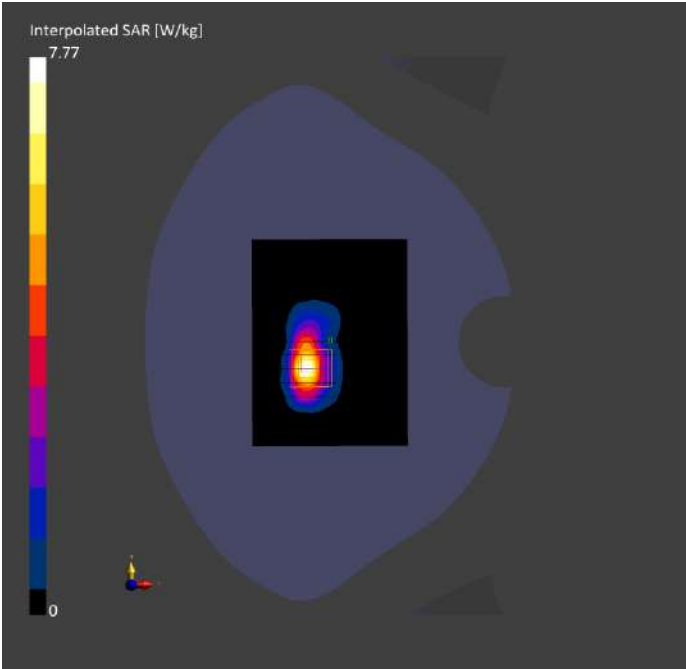
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	2.78	3.49
psSAR10g [W/kg]	1.30	1.47
Power Drift [dB]	0.06	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		35.9
Dist 3dB Peak [mm]		8.5



BL-SZ2571545-ATD

Meas.146 Right Head with Tilt on High 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	1770.0, 132572	7.57	1.43	39.3	22.3	21.5

Hardware Setup

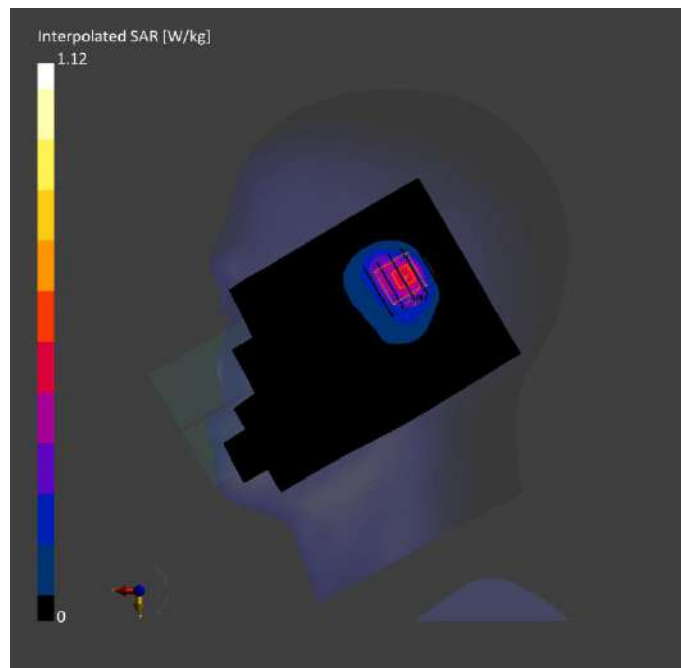
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-08-13	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.580	0.717
psSAR10g [W/kg]	0.423	0.469
Power Drift [dB]	-0.03	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		8.0



BL-SZ2571545-ATD

Meas.147 Body Plane with Front Side 15mm on Middle 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	FRONT, 15.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	7.57	1.37	39.9	22.3	21.5

Hardware Setup

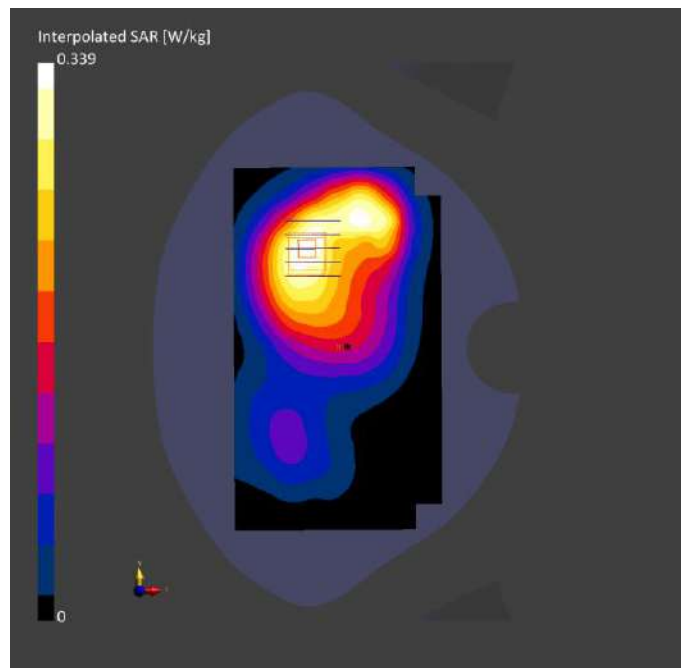
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-08-13	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.236	0.250
psSAR10g [W/kg]	0.148	0.175
Power Drift [dB]	0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.6
Dist 3dB Peak [mm]		> 16.0



BL-SZ2571545-ATD

Meas.148 Body Plane with Bottom Edge 10mm 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	EDGE BOTTOM, 10.00	Band 66	LTE-FDD, 10169-CAF	1770.0, 132572	7.57	1.43	39.3	22.3	21.5

Hardware Setup

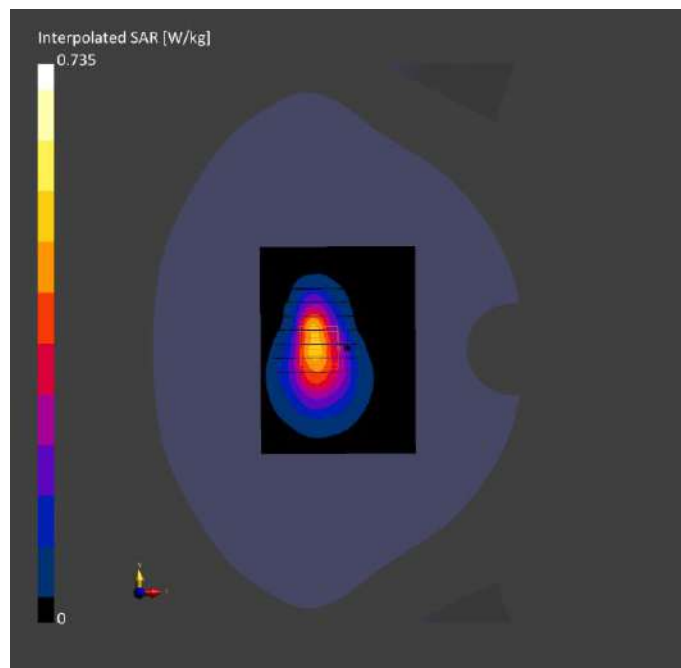
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-08-13	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.433	0.482
psSAR10g [W/kg]	0.245	0.285
Power Drift [dB]	0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.2
Dist 3dB Peak [mm]		9.7



Meas.149 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	7.57	1.31	41.3	22.3	21.5

Hardware Setup

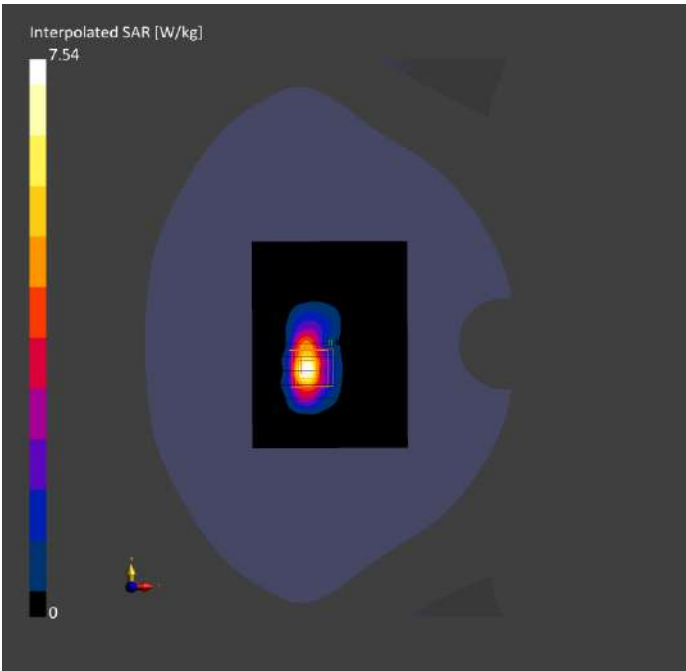
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-08-13	EX3DV4 - SN7893, 2024-09-05		DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	2.62	3.40
psSAR10g [W/kg]	1.23	1.43
Power Drift [dB]	0.07	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		36.8
Dist 3dB Peak [mm]		4.5



Meas.150 Right Head with Tilt on 351500 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	TILT, 0.00	Band n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	7.57	1.42	39.4	22.3	21.5

Hardware Setup

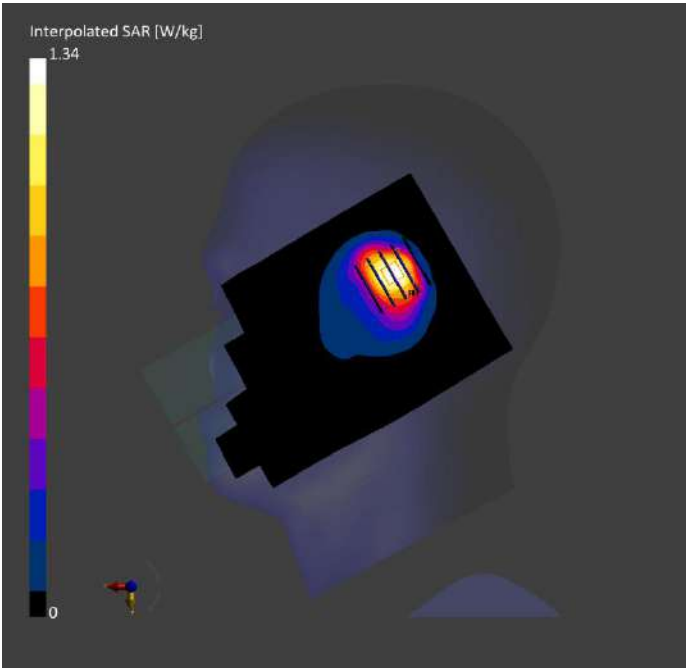
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.519	0.740
psSAR10g [W/kg]	0.290	0.368
Power Drift [dB]	-0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		8.4



Meas.151 Body Plane with Front Side 15mm on 349000 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	FRONT, 15.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.0, 349000	7.57	1.37	39.9	22.3	21.5

Hardware Setup

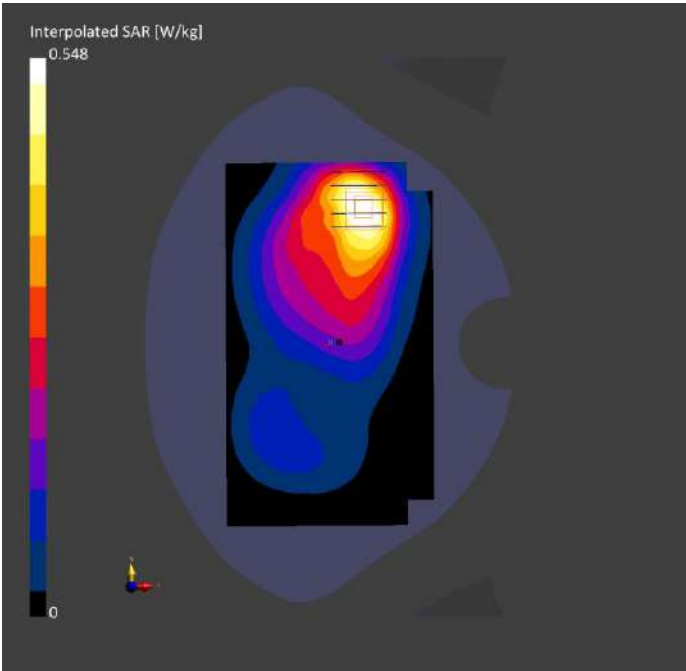
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.248	0.208
psSAR10g [W/kg]	0.151	0.134
Power Drift [dB]	0.05	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.9
Dist 3dB Peak [mm]		14.8



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 n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	7.57	1.42	39.4	22.3	21.5

Hardware Setup

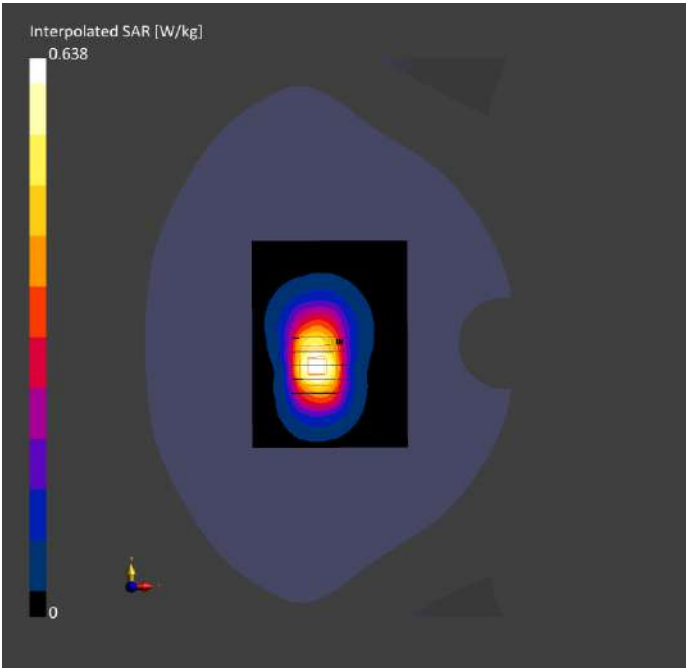
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-13	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	0.321	0.408
psSAR10g [W/kg]	0.186	0.232
Power Drift [dB]	-0.01	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.6
Dist 3dB Peak [mm]		10.1



Meas.153 Body Plane with Top Edge 0mm on 351500 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	1757.5, 351500	7.57	1.42	39.4	22.3	21.5

Hardware Setup

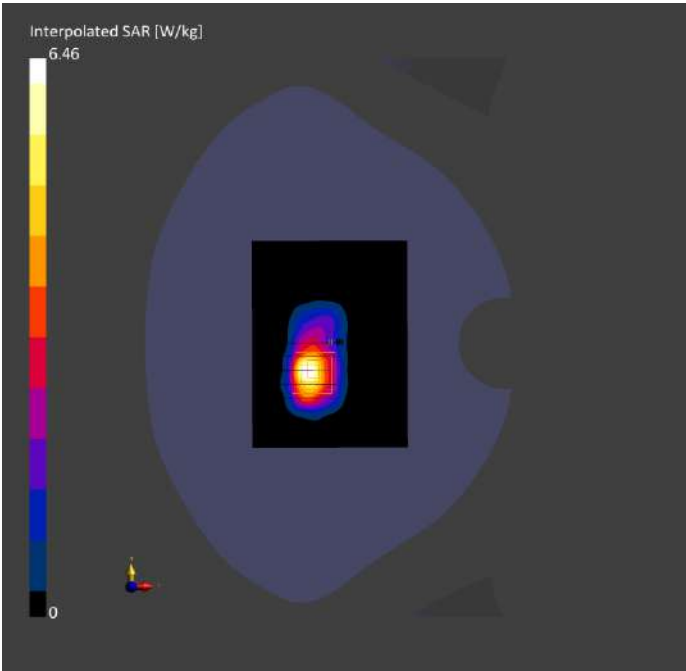
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000	2025-08-13	EX3DV4 - SN7893,	2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-13	2025-08-13
psSAR1g [W/kg]	2.15	3.39
psSAR10g [W/kg]	1.09	1.53
Power Drift [dB]	0.03	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		42.8
Dist 3dB Peak [mm]		8.4



BL-SZ2571545-ATD

Meas.154 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	LTE-FDD, 10175-CAH	844.0, 20600	8.85	0.918	41.3	22.1	21.3

Hardware Setup

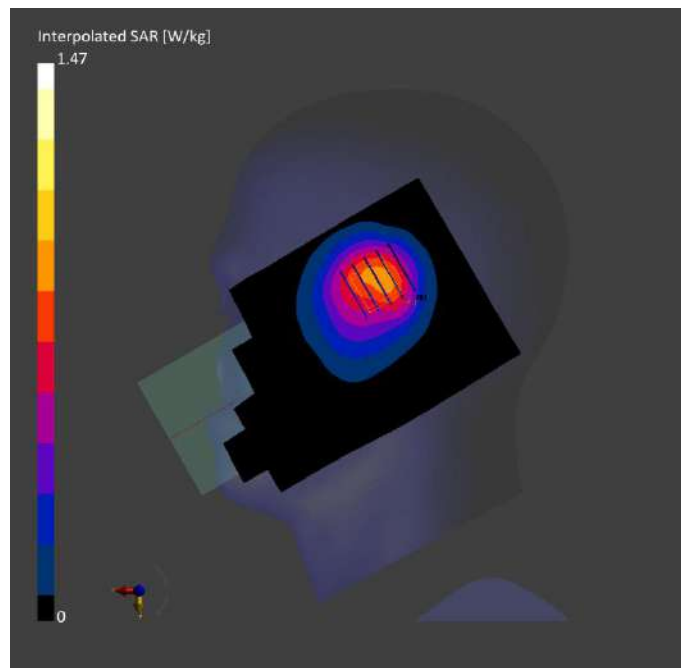
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-12	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-12	2025-08-12
psSAR1g [W/kg]	0.808	0.800
psSAR10g [W/kg]	0.538	0.517
Power Drift [dB]	-0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		13.8



Meas.155 Body Plane with Front Side 15mm 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	FRONT, 15.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.34	1.42	41.3	22.5	21.7

Hardware Setup

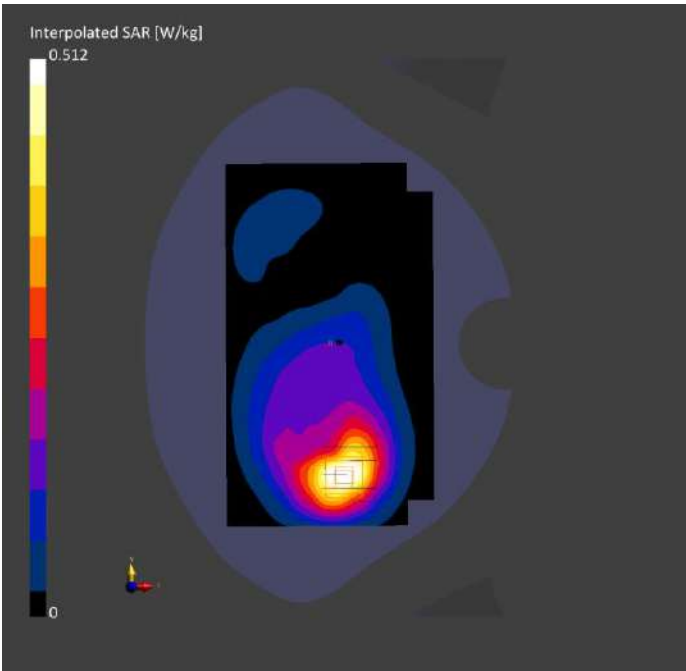
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-16	2025-08-16
psSAR1g [W/kg]	0.352	0.352
psSAR10g [W/kg]	0.204	0.218
Power Drift [dB]	-0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.2
Dist 3dB Peak [mm]		15.1



BL-SZ2571545-ATD

Meas.156 Body Plane with Top Edge 10mm on 509000 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, 10.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.89	39.0	22.4	21.6

Hardware Setup

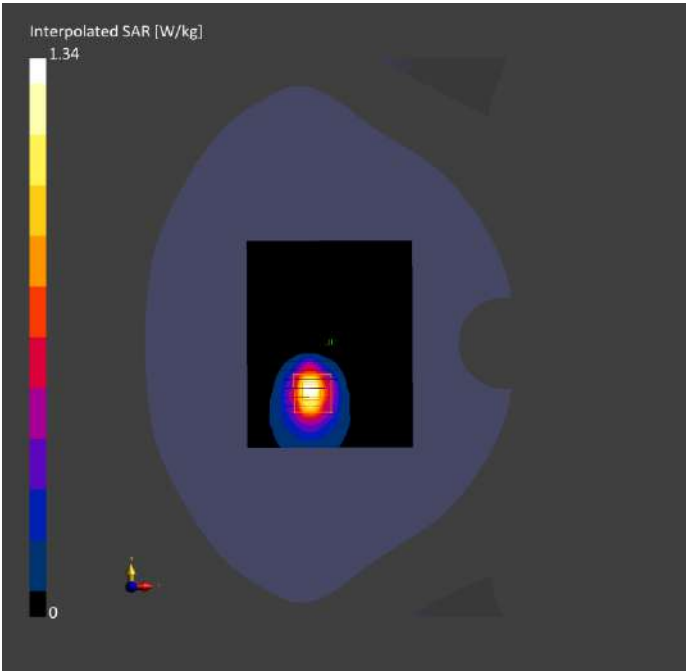
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-08-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-18	2025-08-18
psSAR1g [W/kg]	0.702	0.745
psSAR10g [W/kg]	0.315	0.361
Power Drift [dB]	-0.04	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		8.5



Meas.157 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	7.34	1.42	41.3	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 2025-08-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-08-16	2025-08-16
psSAR1g [W/kg]	2.18	3.66
psSAR10g [W/kg]	1.09	1.66
Power Drift [dB]	0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.6
Dist 3dB Peak [mm]		8.0

