

BL-SZ2560099-ATD

Meas.1 Right Head with Cheek on Low Channel in GPRS850 2Slots mode with Antenna 4

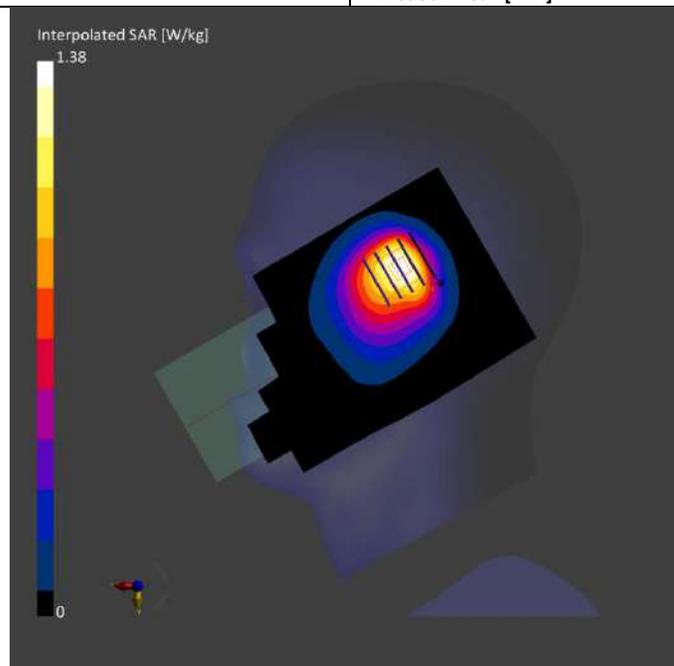
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	GSM 850	GSM, 10024-DAC	824.2, 128	9.99	0.880	42.4	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 2025-06-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-18	2025-06-18
psSAR1g [W/kg]	0.845	0.831
psSAR10g [W/kg]	0.552	0.538
Power Drift [dB]	-0.04	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		10.7



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Meas.2 Body Plane with Back Side 5mm on Low Channel in GPRS850 2Slots mode with Antenna 4

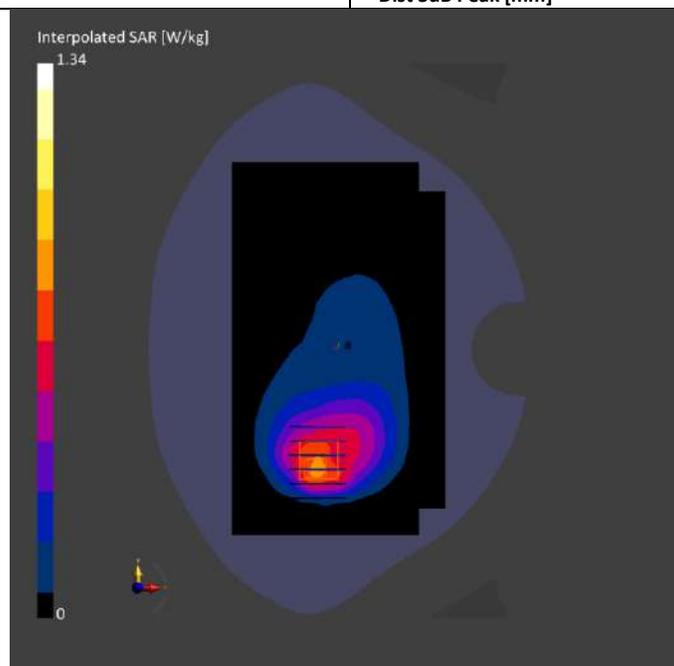
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 5.00	GSM 850	GSM, 10024-DAC	824.2, 128	9.99	0.880	42.4	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 2025-06-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-18	2025-06-18
psSAR1g [W/kg]	0.719	0.761
psSAR10g [W/kg]	0.469	0.448
Power Drift [dB]	0.01	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.2
Dist 3dB Peak [mm]		10.1



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Meas.3 Body Plane with Back Side 10mm on Low Channel in GPRS850 2Slots mode with Antenna 4

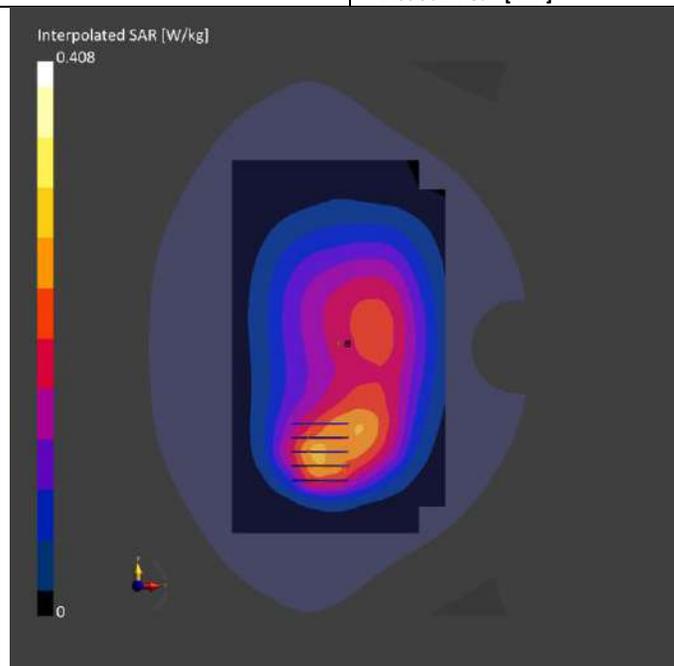
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	GSM 850	GSM, 10024-DAC	824.2, 128	9.99	0.880	42.4	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 2025-06-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-18	2025-06-18
psSAR1g [W/kg]	0.245	0.253
psSAR10g [W/kg]	0.167	0.165
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.2
Dist 3dB Peak [mm]		14.8



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

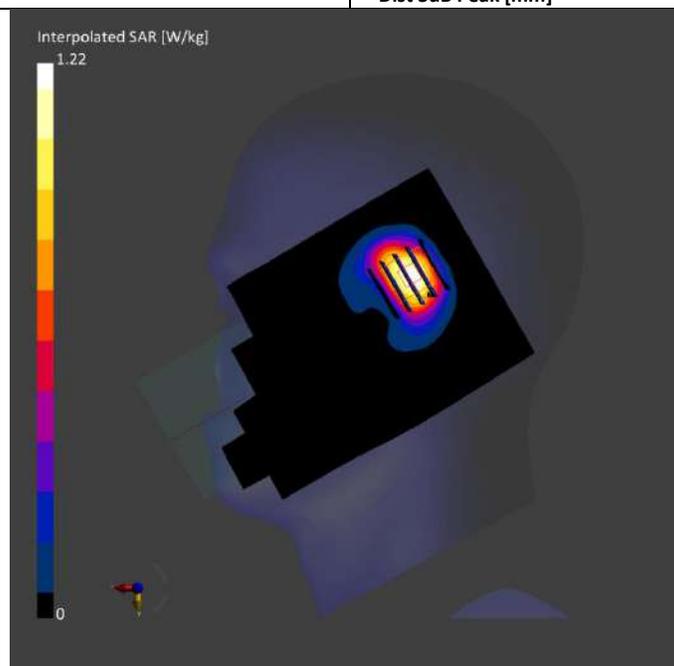
Exposure Conditions

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	22.4	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-06	2025-06-06	2025-06-06	2025-06-06
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.497	0.701	psSAR10g [W/kg]	0.277	0.350	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.00	-0.02	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]	57.1	57.1	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]	57.1	57.1	Dist 3dB Peak [mm]	8.4	8.4	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]	8.4	8.4				



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Meas.5 Body Plane with Back Side 5mm on Low Channel in GPRS1900 3Slots mode with Antenna 4

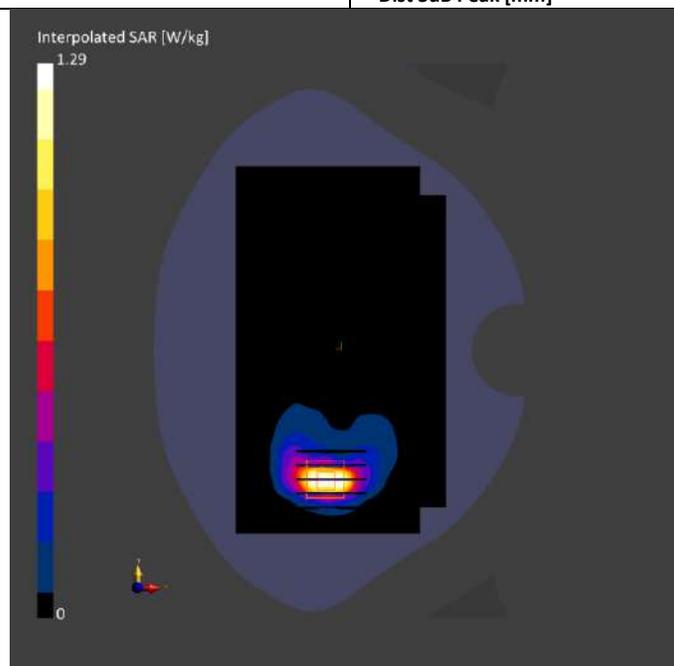
Exposure Conditions

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]
Flat, HSL	BACK, 5.00	PCS 1900	GSM, 10027-DAC	1850.2, 512	7.34	1.36	41.4	22.4	21.4

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.698	0.729
psSAR10g [W/kg]	0.347	0.366
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.5
Dist 3dB Peak [mm]		8.0



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

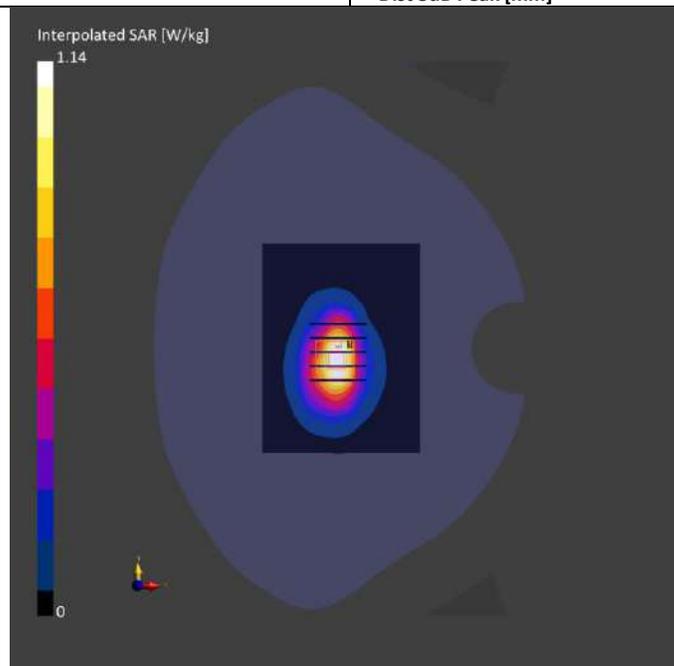
Exposure Conditions

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	1880.0, 661	7.34	1.39	40.7	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-06-06	2025-06-06	2025-06-06	psSAR1g [W/kg]
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.359	0.410	Power Drift [dB]	-0.08	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	No correction	No correction	
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	62.6		
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	11.2					
MAIA	N/A	N/A							
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



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

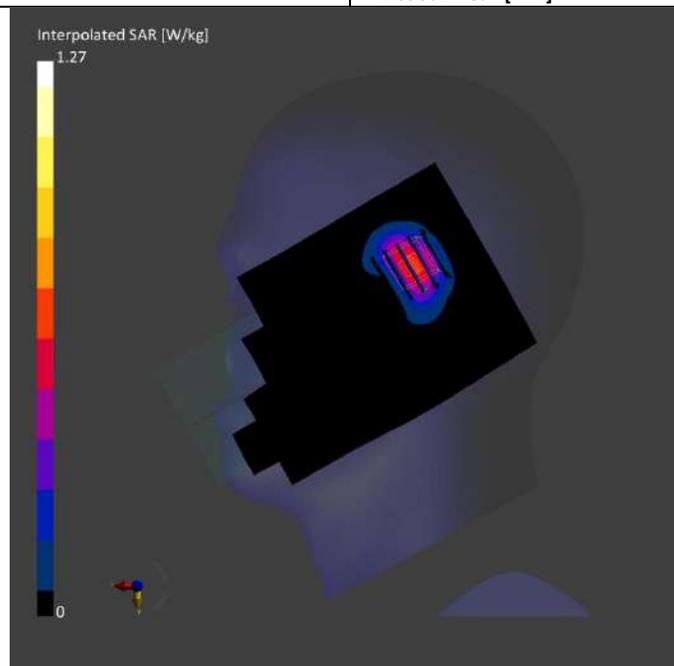
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 2	WCDMA, 10457-AAB	1852.4, 9262	7.34	1.39	41.0	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.538	0.733
psSAR10g [W/kg]	0.296	0.368
Power Drift [dB]	0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.5
Dist 3dB Peak [mm]		8.2



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Meas.8 Body Plane with Back Side 5mm on Low Channel in WCDMA Band2 mode with Antenna 4

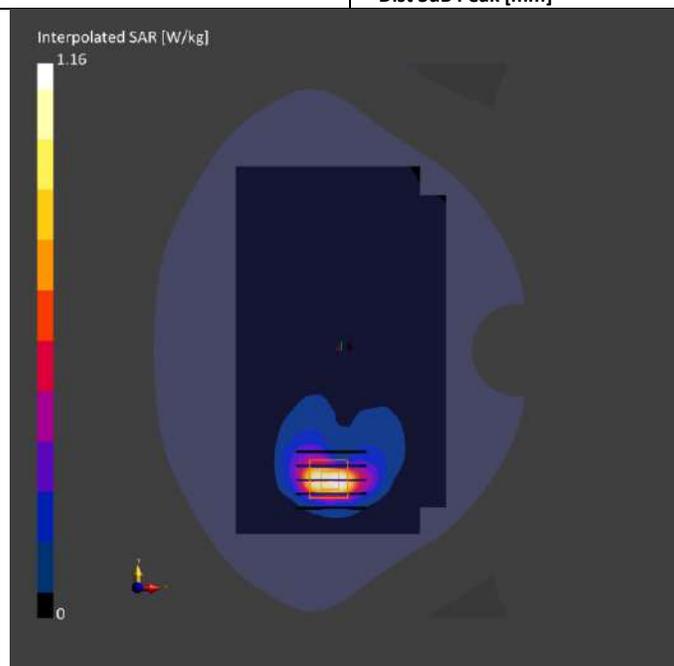
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 5.00	Band 2	WCDMA, 10457-AAB	1852.4, 9262	7.34	1.39	41.0	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.606	0.654
psSAR10g [W/kg]	0.304	0.328
Power Drift [dB]	-0.01	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		8.4



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Meas.9 Body Plane with Bottom Edge 10mm on High Channel in WCDMA Band2 mode with Antenna 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 2	WCDMA, 10457-AAB	1907.6, 9538	7.34	1.41	40.5	22.4	21.4

Hardware Setup

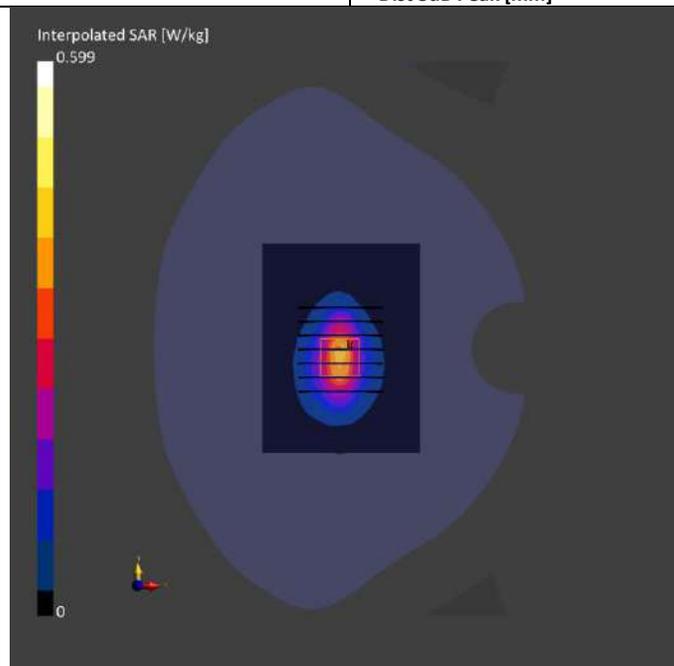
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.346	0.370
psSAR10g [W/kg]	0.186	0.212
Power Drift [dB]	0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.0
Dist 3dB Peak [mm]		11.2



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Meas.10 Body Plane with Bottom Edge 0mm on High Channel in WCDMA Band2 mode with Antenna 1

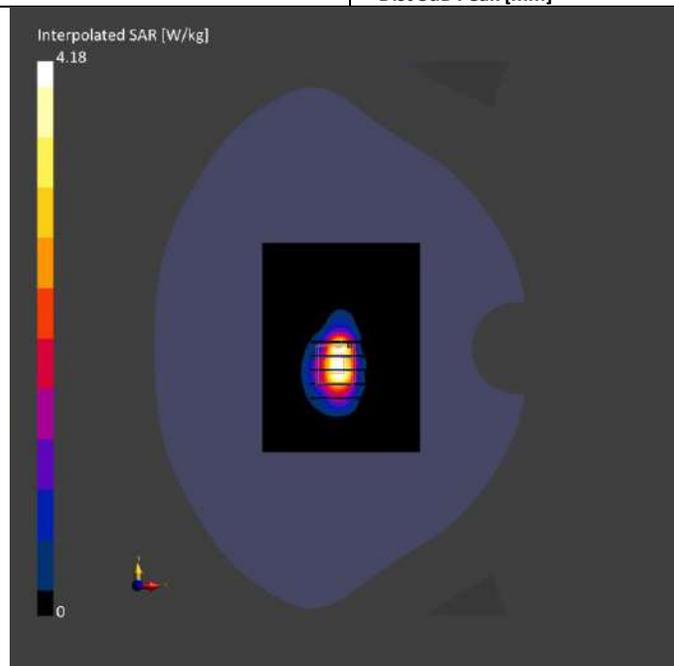
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 0.00	Band 2	WCDMA, 10457-AAB	1907.6, 9538	7.34	1.41	40.5	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	2.01	2.33
psSAR10g [W/kg]	0.969	1.17
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.8
Dist 3dB Peak [mm]		8.0



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

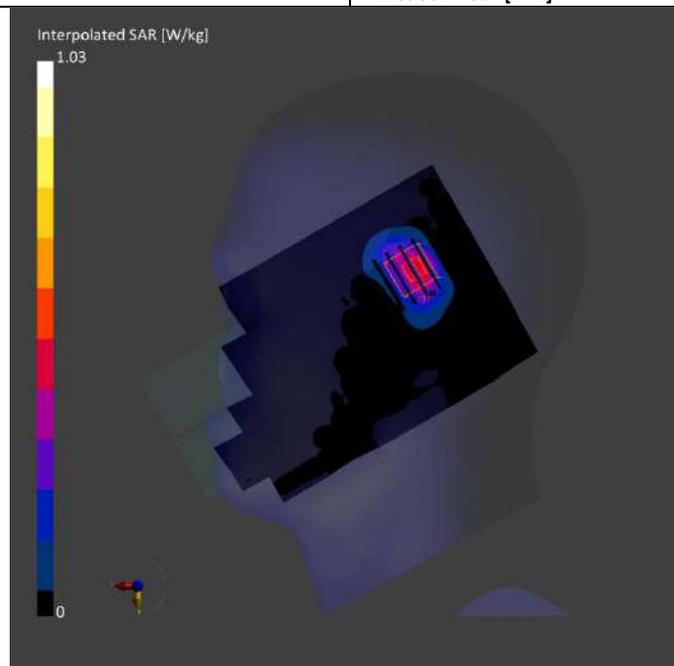
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 4	WCDMA, 10457-AAB	1712.4, 1312	8.67	1.33	41.0	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 2025-06-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-19	2025-06-19	psSAR1g [W/kg]	0.402
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.223	0.287	Power Drift [dB]	-0.02	0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	58.1	8.5	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]						
MAIA	N/A	N/A							
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



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Meas.12 Body Plane with Back Side 5mm on Low Channel in WCDMA Band4 mode with Antenna 1

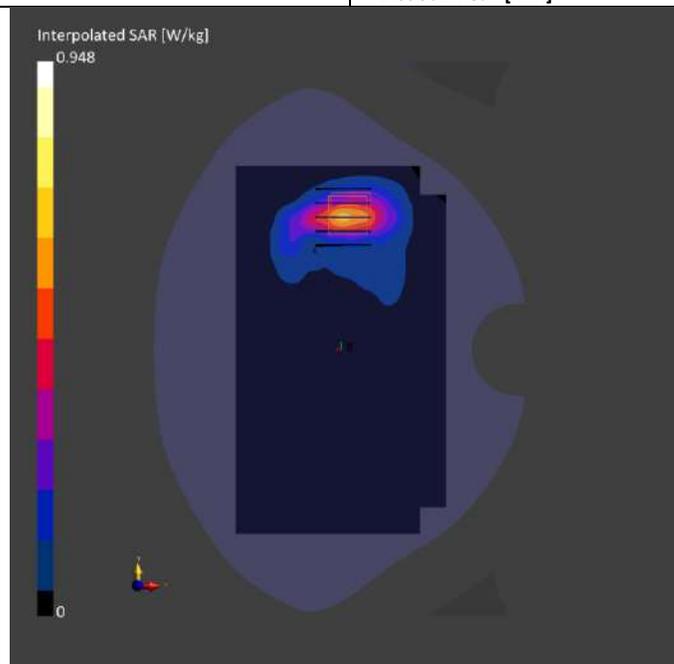
Exposure Conditions

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	BACK, 5.00	Band 4	WCDMA, 10457-AAB	1712.4, 1312	8.67	1.33	41.0	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 2025-06-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-19	2025-06-19
psSAR1g [W/kg]	0.530	0.588
psSAR10g [W/kg]	0.286	0.331
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		9.3



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Meas.13 Body Plane with Bottom Edge 10mm on Low Channel in WCDMA Band4 mode with Antenna 1

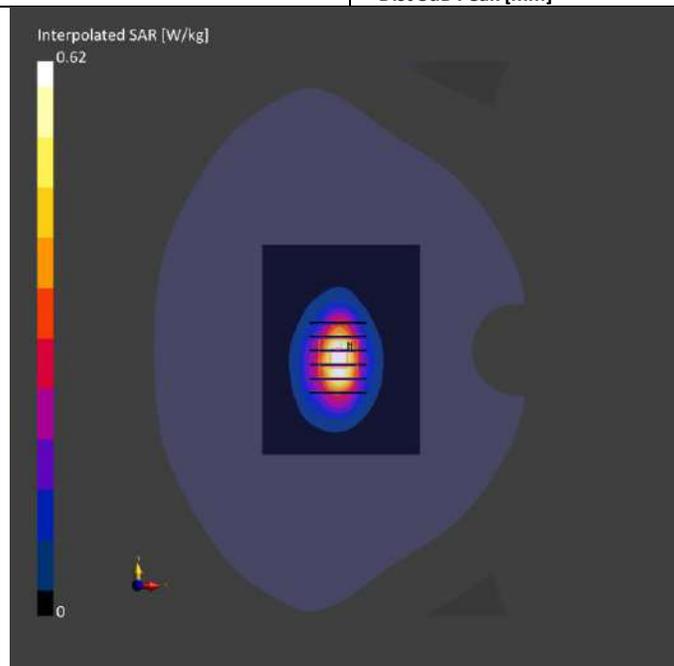
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	WCDMA, 10457-AAB	1732.4, 1412	8.67	1.34	40.4	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 2025-06-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-19	2025-06-19
psSAR1g [W/kg]	0.351	0.382
psSAR10g [W/kg]	0.190	0.219
Power Drift [dB]	0.13	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		11.2



BL-SZ2560099-ATD

Meas.14 Body Plane with Bottom Edge 0mm on Low Channel in WCDMA Band4 mode with Antenna 1

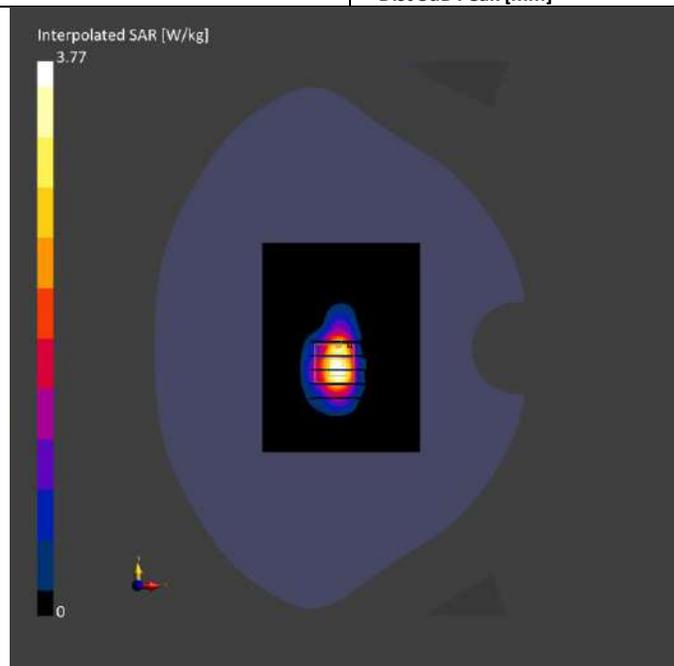
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 0.00	Band 4	WCDMA, 10457-AAB	1712.4, 1312	8.67	1.33	41.0	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 2025-06-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-19	2025-06-19
psSAR1g [W/kg]	1.62	1.96
psSAR10g [W/kg]	0.813	0.920
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.6
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

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, 10457-AAB	846.6, 4233	9.99	0.925	40.3	22.2	21.3

Hardware Setup

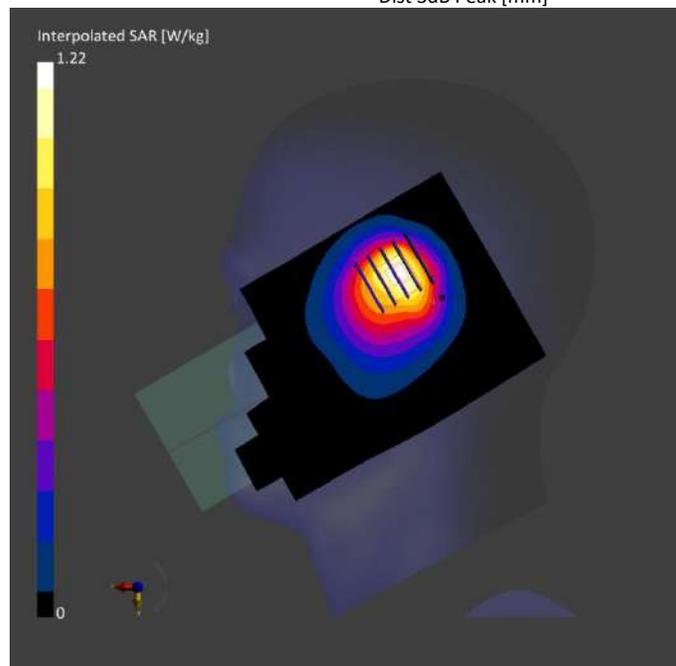
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-18	2025-06-18
psSAR1g [W/kg]	0.718	0.730
psSAR10g [W/kg]	0.467	0.463
Power Drift [dB]	-0.11	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.2
Dist 3dB Peak [mm]		11.5



BL-SZ2560099-ATD

Meas.16 Body Plane with Back Side 5mm on High Channel in WCDMA Band5 mode with Antenna 1

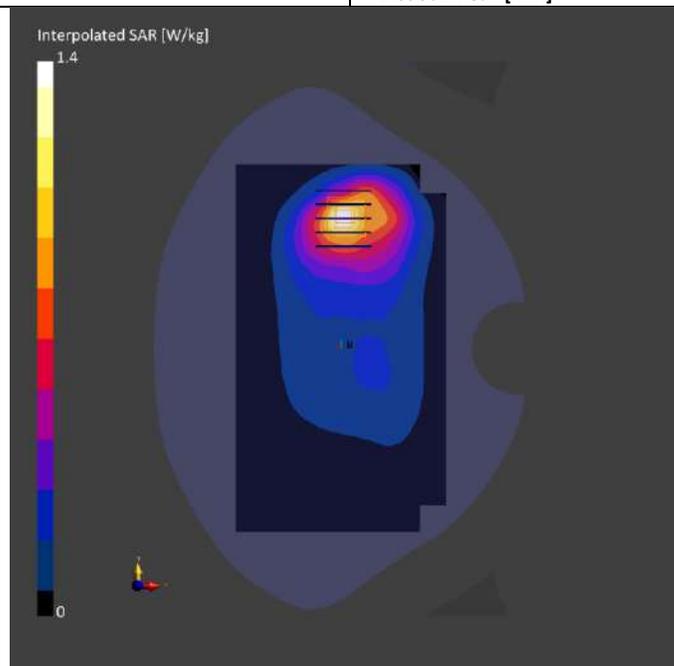
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 5.00	Band 5	WCDMA, 10457-AAB	846.6, 4233	9.99	0.925	40.3	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 2025-06-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Date	2025-06-18
	psSAR1g [W/kg]	0.756
	psSAR10g [W/kg]	0.459
	Power Drift [dB]	-0.05
	Power Scaling	Disabled
	Scaling Factor [dB]	
	TSL Correction	No correction
	M2/M1 [%]	48.9
	Dist 3dB Peak [mm]	9.6



BL-SZ2560099-ATD

Meas.17 Body Plane with Back Side 10mm on High Channel in WCDMA Band5 mode with Antenna 1

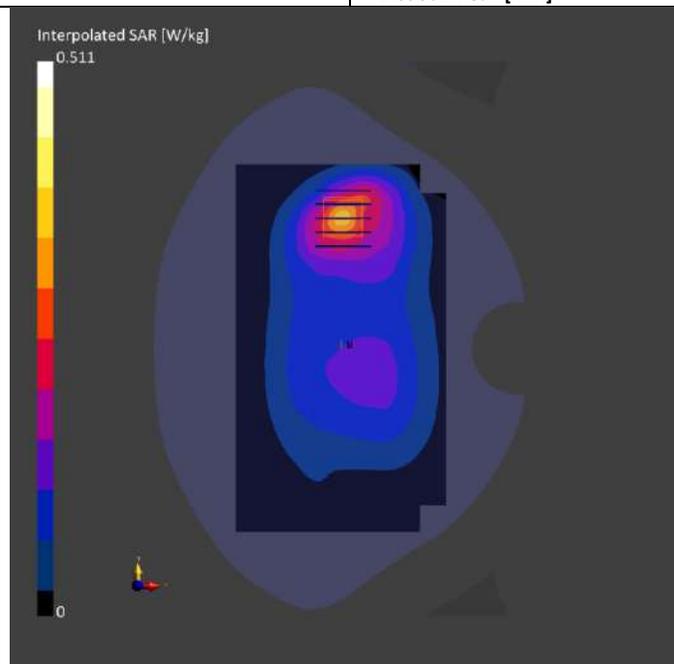
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 5	WCDMA, 10457-AAB	846.6, 4233	9.99	0.925	40.3	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 2025-06-18	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-18	2025-06-18
psSAR1g [W/kg]	0.304	0.303
psSAR10g [W/kg]	0.190	0.176
Power Drift [dB]	-0.07	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.8
Dist 3dB Peak [mm]		13.7



BL-SZ2560099-ATD
 Meas.18 Right Head with Tilt on Low Channel in LTE Band2 mode with Antenna 4

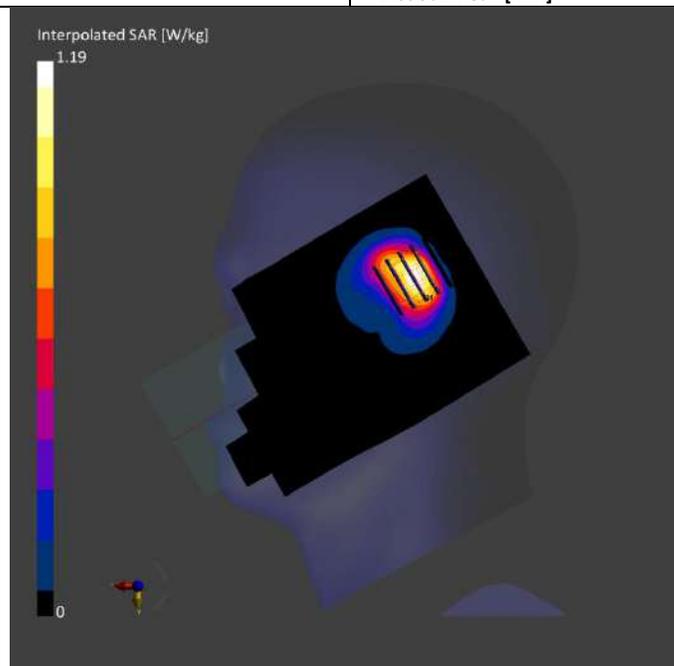
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 2	LTE-FDD, 10169-CAF	1860.0, 18700	7.34	1.36	40.1	22.2	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 2025-06-07	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-07	2025-06-07
psSAR1g [W/kg]	0.510	0.705
psSAR10g [W/kg]	0.280	0.363
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		8.0



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Meas.19 Body Plane with Back Side 5mm on Middle Channel in LTE Band2 mode with Antenna 4

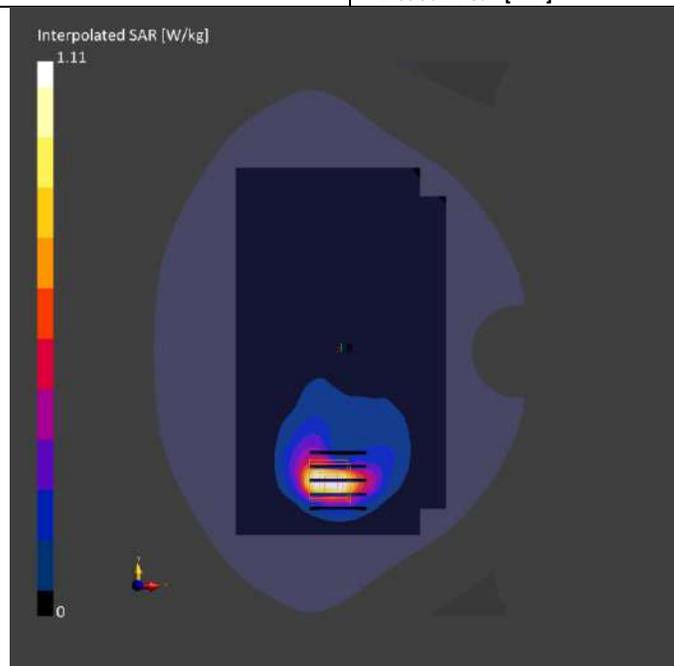
Exposure Conditions

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	BACK, 5.00	Band 2	LTE-FDD, 10169-CAF	1880.0, 18900	7.34	1.37	39.9	22.2	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 2025-06-07	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-07	2025-06-07
psSAR1g [W/kg]	0.600	0.614
psSAR10g [W/kg]	0.306	0.307
Power Drift [dB]	-0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		8.4



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

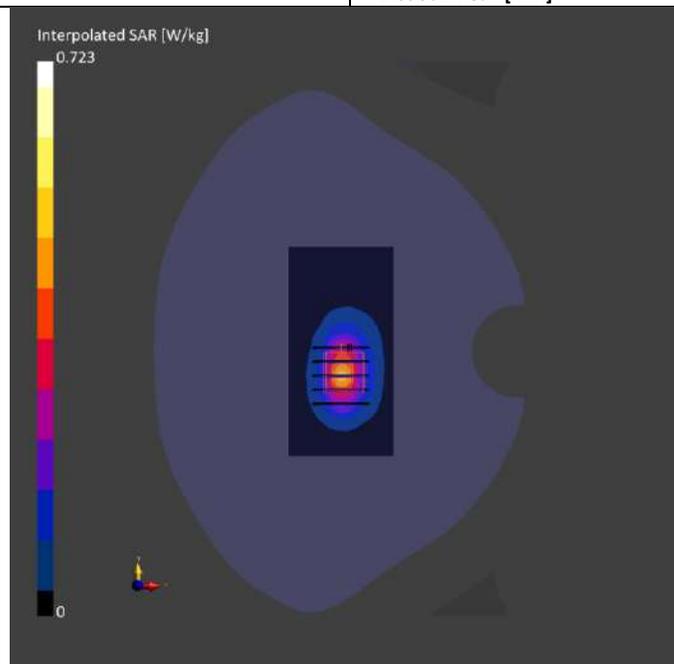
Exposure Conditions

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	1880.0, 18900	7.34	1.37	39.9	22.2	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 2025-06-07	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-06-07	2025-06-07	2025-06-07	2025-06-07
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.397	0.424	psSAR10g [W/kg]	0.200	0.224	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.03	0.03	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Grading Ratio	1.5	1.5	Scaling Factor [dB]	N/A	N/A	TSL Correction	No correction	No correction	
MAIA	N/A	N/A	M2/M1 [%]	58.7	9.6	Dist 3dB Peak [mm]	9.6	9.6	
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



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Meas.21 Body Plane with Bottom Edge 0mm on Middle Channel in LTE Band2 mode with Antenna 1

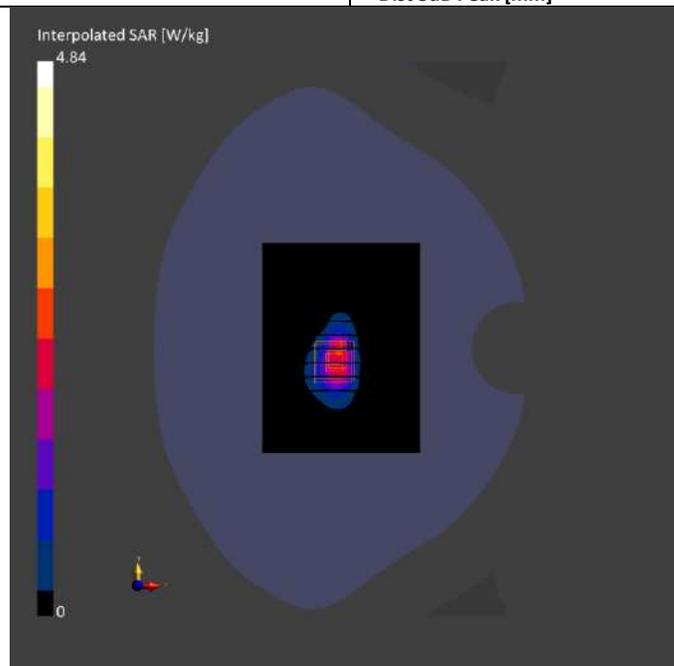
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 0.00	Band 2	LTE-FDD, 10169-CAF	1880.0, 18900	7.34	1.37	39.9	22.2	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 2025-06-07	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-07	2025-06-07
psSAR1g [W/kg]	2.01	2.49
psSAR10g [W/kg]	0.982	1.26
Power Drift [dB]	-0.02	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		8.4



BL-SZ2560099-ATD
 Meas.22 Right Head with Tilt on Low 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	1720.0, 20050	8.67	1.34	40.6	22.1	21.2

Hardware Setup

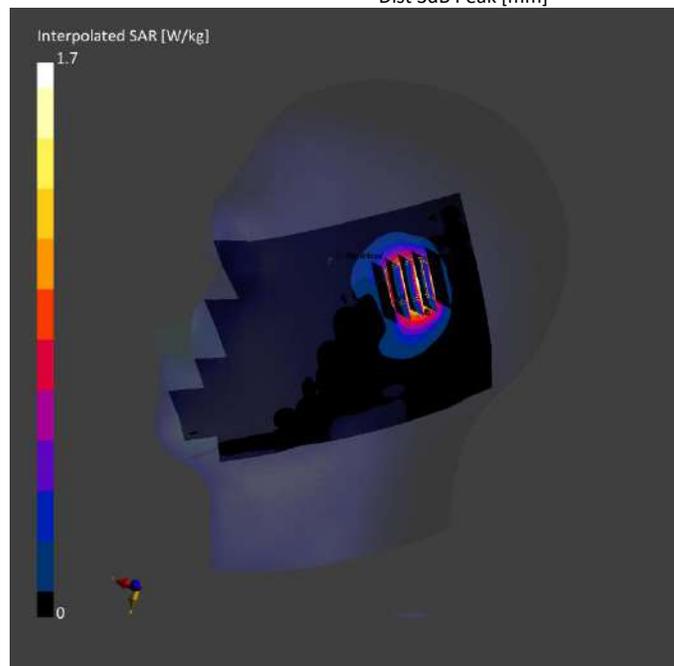
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-19	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-19	2025-06-19
psSAR1g [W/kg]	0.639	0.734
psSAR10g [W/kg]	0.355	0.378
Power Drift [dB]	0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.2
Dist 3dB Peak [mm]		8.5



BL-SZ2560099-ATD

Meas.23 Body Plane with Back Side 5mm on Middle Channel in LTE Band4 mode with Antenna 1

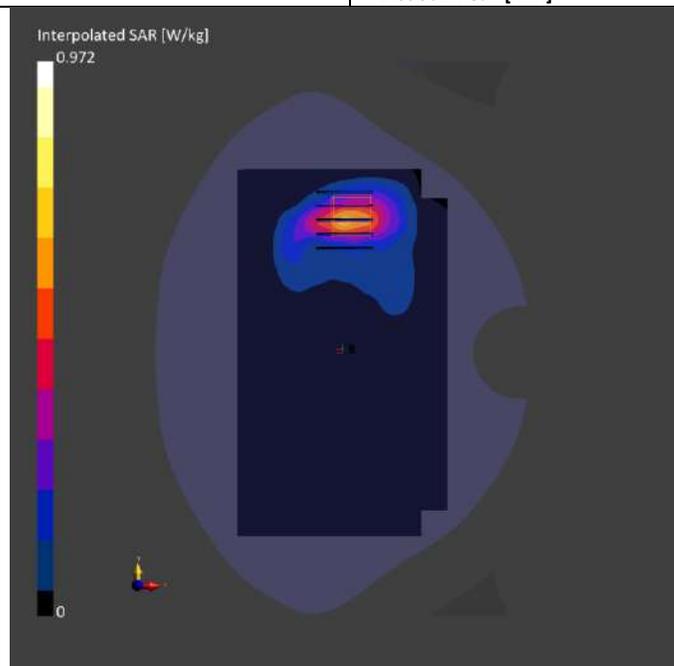
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 5.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.34	40.9	22.5	21.8

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-20	2025-06-20
psSAR1g [W/kg]	0.543	0.604
psSAR10g [W/kg]	0.297	0.342
Power Drift [dB]	0.00	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.3
Dist 3dB Peak [mm]		10.7



BL-SZ2560099-ATD

Meas.24 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band4 mode with Antenna 1

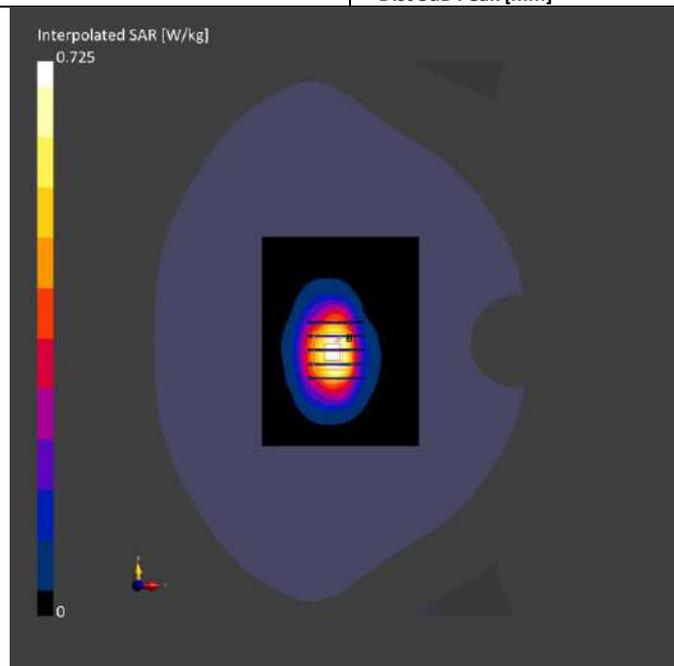
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.34	40.9	22.5	21.8

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-06-20	2025-06-20	psSAR1g [W/kg]	0.376
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.212	0.243	Power Drift [dB]	0.04	-0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		64.3	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.2				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.25 Body Plane with Bottom Edge 0mm on Middle Channel in LTE Band4 mode with Antenna 1

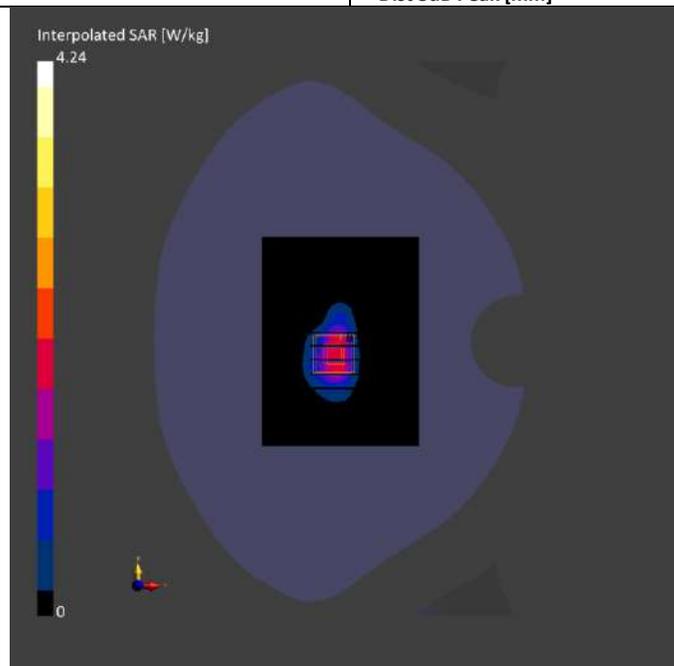
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.67	1.34	40.9	22.5	21.8

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-20	2025-06-20
psSAR1g [W/kg]	1.77	2.03
psSAR10g [W/kg]	0.903	0.966
Power Drift [dB]	0.10	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

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

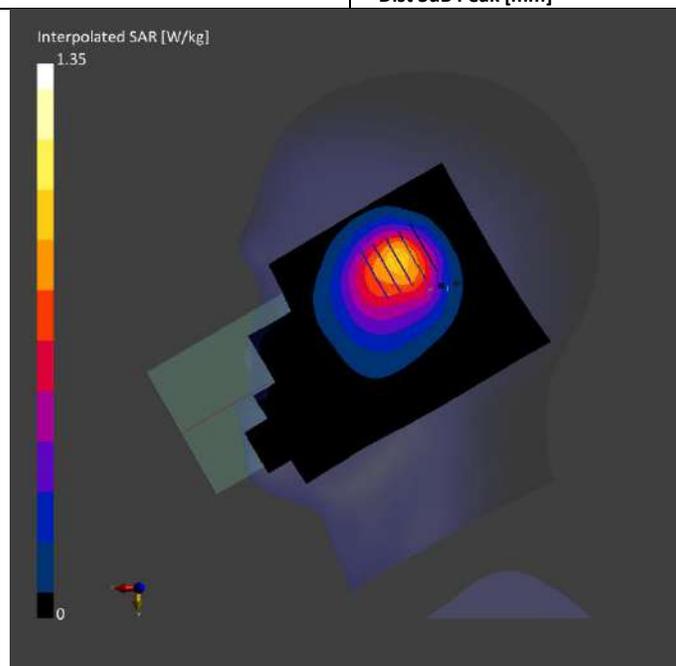
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.99	0.920	42.1	22.6	21.8

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.739	0.780
psSAR10g [W/kg]	0.504	0.533
Power Drift [dB]	0.11	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		13.6



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Meas.27 Body Plane with Back Side 5mm 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, 5.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.99	0.920	42.1	22.6	21.8

Hardware Setup

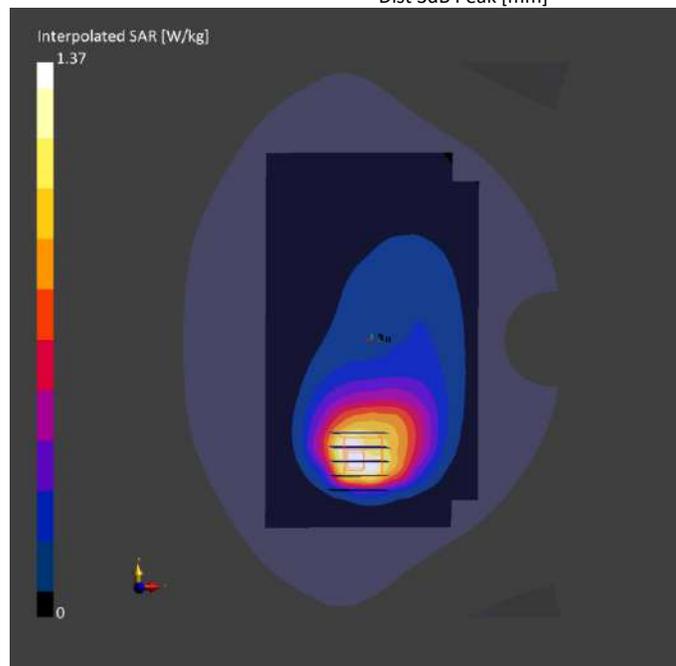
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-16	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.736	0.763
psSAR10g [W/kg]	0.483	0.447
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		8.6



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

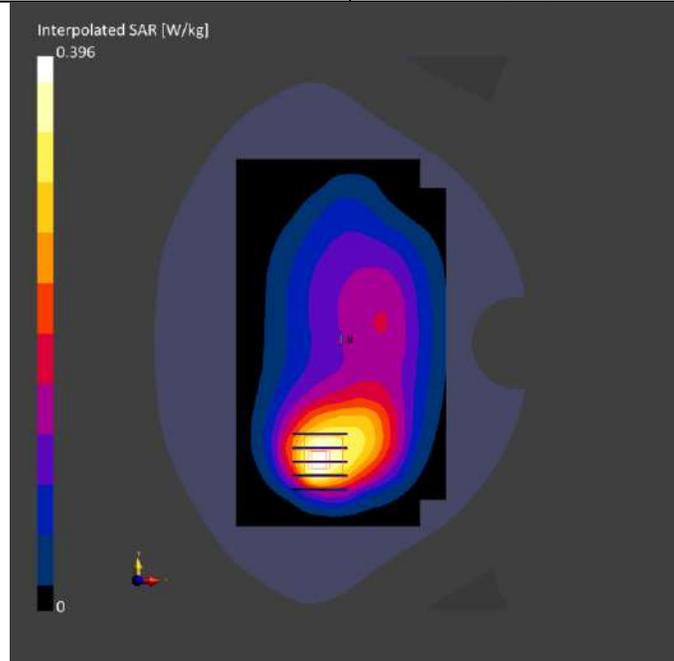
Exposure Conditions

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	9.99	0.920	42.1	22.6	21.8

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.255	0.249
psSAR10g [W/kg]	0.169	0.157
Power Drift [dB]	-0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		14.8



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Meas.29 Right Head with Tilt on Low Channel in LTE Band7 mode with Antenna 4

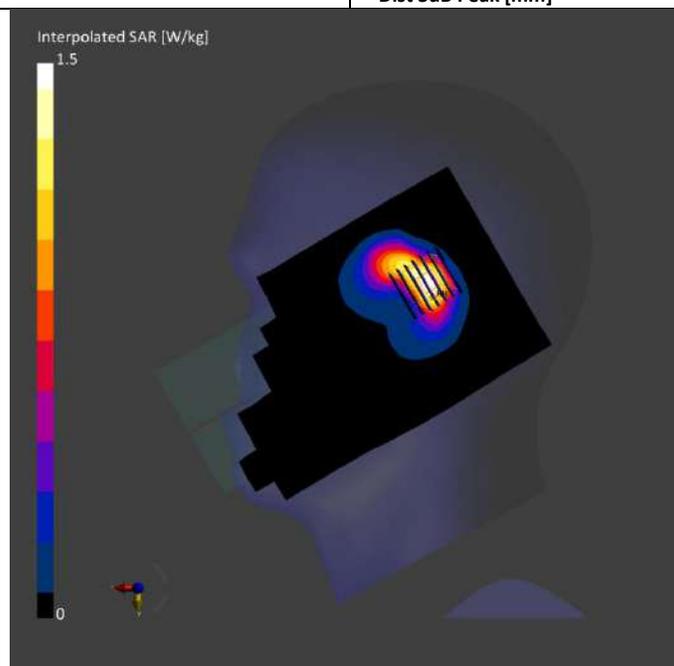
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 7	LTE-FDD, 10169-CAF	2510.0, 20850	7.06	1.84	39.4	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 2025-06-12	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-12	2025-06-12
psSAR1g [W/kg]	0.647	0.850
psSAR10g [W/kg]	0.324	0.399
Power Drift [dB]	-0.04	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		7.0



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Meas.30 Body Plane with Back Side 5mm on Middle Channel in LTE Band7 mode with Antenna 1

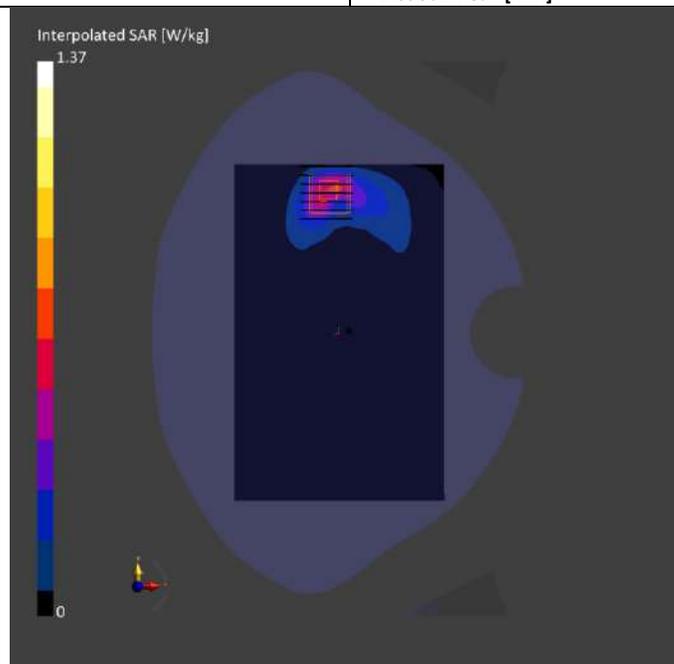
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 5.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.06	1.88	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 2025-06-12	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-12	2025-06-12
psSAR1g [W/kg]	0.540	0.623
psSAR10g [W/kg]	0.264	0.278
Power Drift [dB]	0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.6
Dist 3dB Peak [mm]		7.6



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

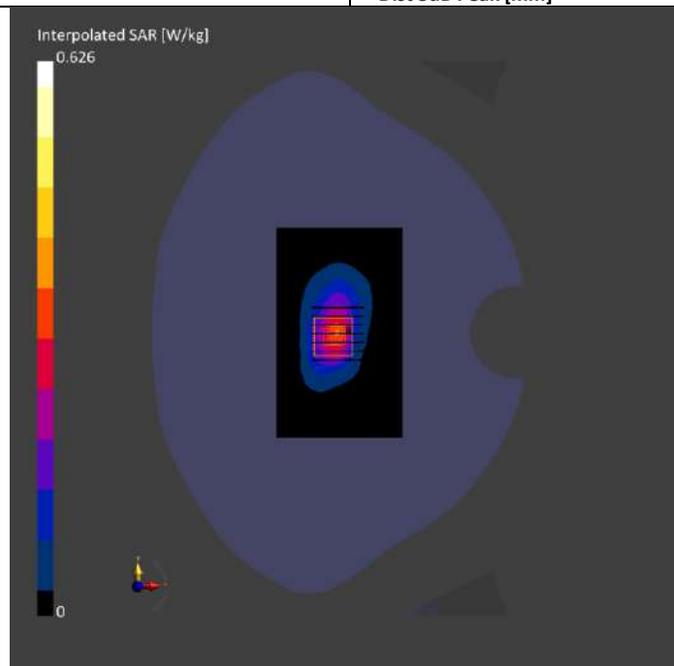
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.06	1.88	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 2025-06-12	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0	Date		2025-06-12	2025-06-12	0.280	0.321
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.132	0.148	0.132	0.148		
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.01	-0.03	0.01	-0.03		
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Disabled	Disabled		
Grading Ratio	1.5	1.5	Scaling Factor [dB]	No correction	No correction	No correction	No correction		
MAIA	N/A	N/A	TSL Correction	No correction	No correction	No correction	No correction		
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		52.6		52.6		
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		9.0		9.0		



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Meas.32 Body Plane with Top Edge 0mm on Middle Channel in LTE Band7 mode with Antenna 4

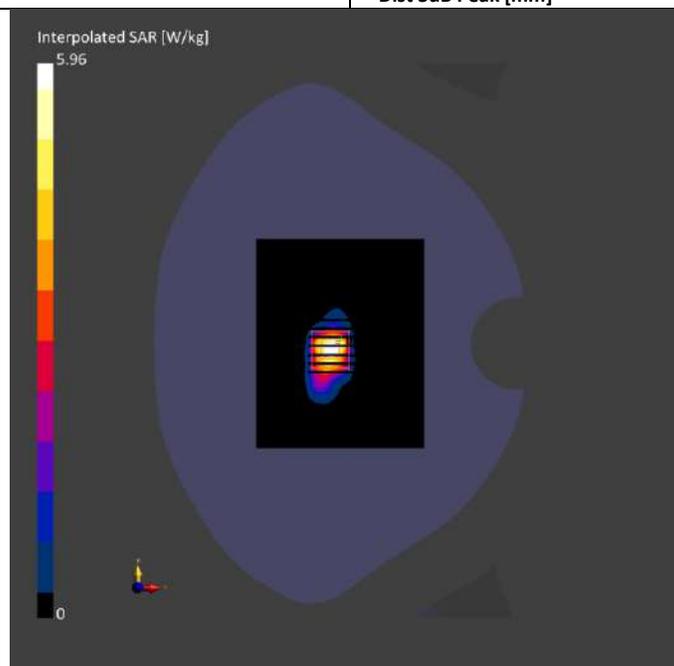
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.06	1.88	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 2025-06-12	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-12	2025-06-12
psSAR1g [W/kg]	2.38	2.52
psSAR10g [W/kg]	0.781	0.858
Power Drift [dB]	0.00	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		39.8
Dist 3dB Peak [mm]		6.0



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Meas.33 Right Head with Cheek on Middle Channel in LTE Band12 mode with Antenna 4

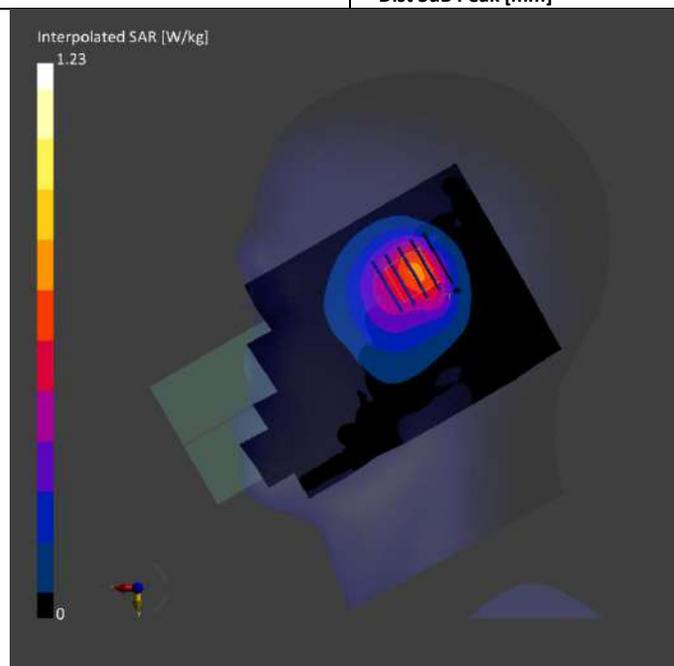
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 12	LTE-FDD, 10175-CAH	707.5, 23095	10.29	0.868	41.8	22.1	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 2025-06-08	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-08	2025-06-08	2025-06-08	2025-06-08
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.639	0.650	psSAR10g [W/kg]	0.420	0.396	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.02	-0.06	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Grading Ratio	1.5	1.5	Scaling Factor [dB]	N/A	N/A	TSL Correction	No correction	No correction	
MAIA	N/A	N/A	M2/M1 [%]	48.0	48.0	Dist 3dB Peak [mm]	10.2	10.2	
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



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Meas.34 Body Plane with Back Side 5mm on Middle Channel in LTE Band 12 mode with Antenna 4

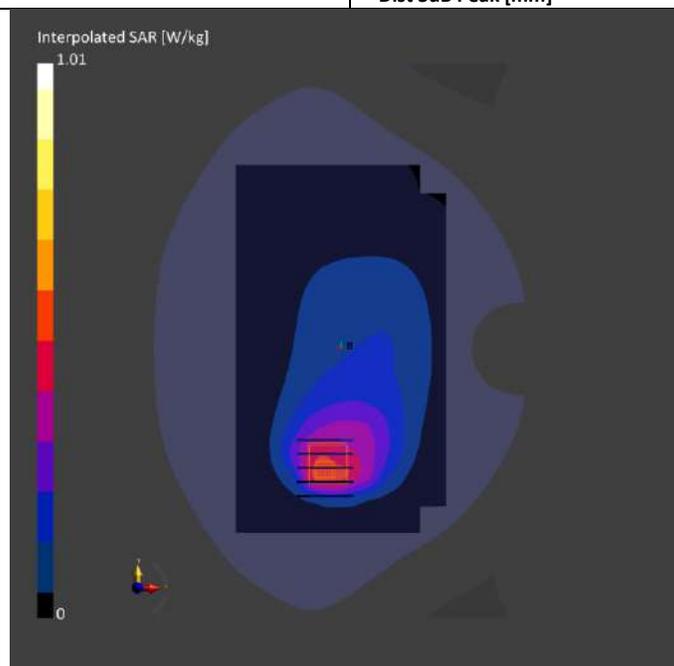
Exposure Conditions

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, 5.00	Band 12	LTE-FDD, 10175-CAH	707.5, 23095	10.29	0.868	41.8	22.1	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 2025-06-08	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-08	2025-06-08
psSAR1g [W/kg]	0.497	0.520
psSAR10g [W/kg]	0.326	0.293
Power Drift [dB]	-0.11	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		8.6



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Meas.35 Body Plane with Back Side 10mm on Middle Channel in LTE Band 12 mode with Antenna 4

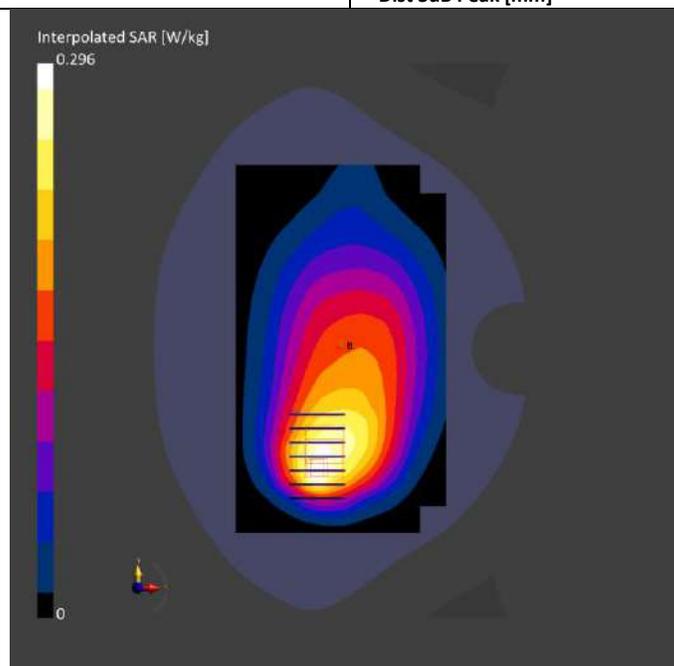
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 12	LTE-FDD, 10175-CAH	707.5, 23095	10.29	0.868	41.8	22.1	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 2025-06-08	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-08	2025-06-08
psSAR1g [W/kg]	0.190	0.183
psSAR10g [W/kg]	0.130	0.124
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.5
Dist 3dB Peak [mm]		14.8



BL-SZ2560099-ATD

Meas.36 Right Head with Cheek on Middle Channel in LTE Band13 mode with Antenna 4

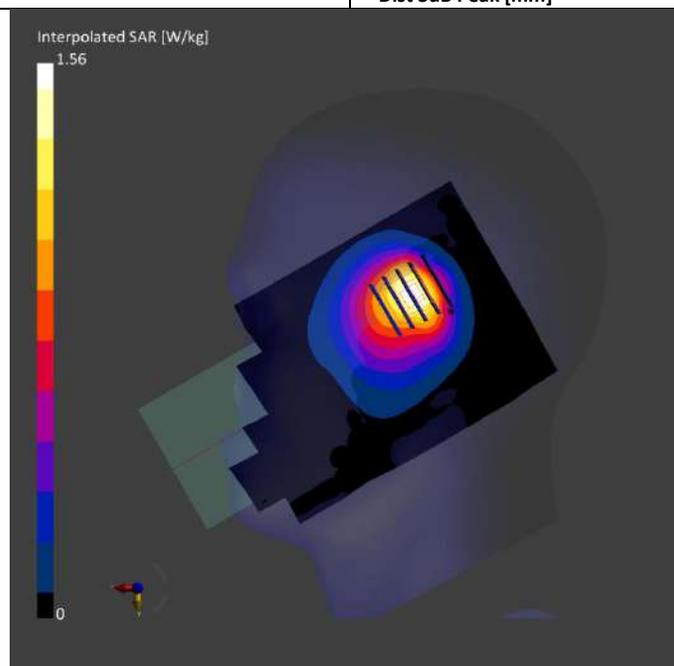
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.29	0.919	40.4	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 2025-06-09	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-09	2025-06-09	psSAR1g [W/kg]	0.776
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.500	0.473	Power Drift [dB]	-0.03	-0.06	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	44.6	9.7	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]						
MAIA	N/A	N/A							
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.37 Body Plane with Back Side 5mm on Middle Channel in LTE Band 13 mode with Antenna 4

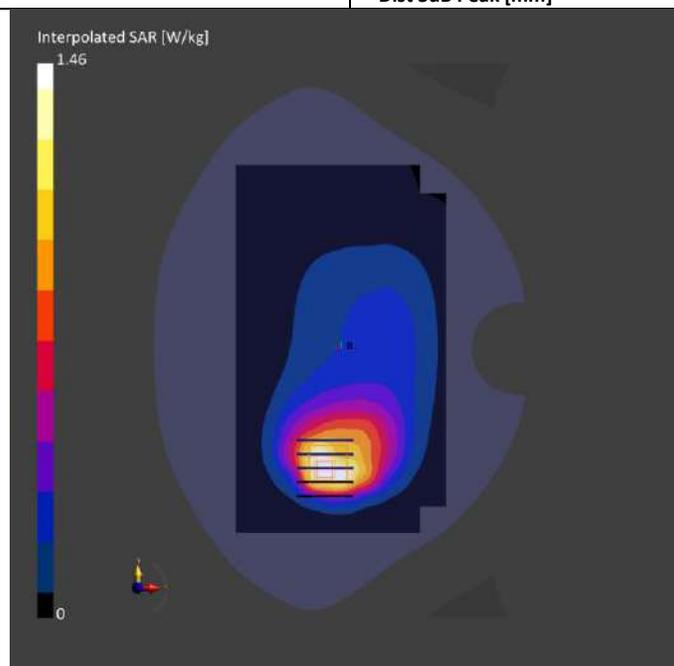
Exposure Conditions

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, 5.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.29	0.919	40.4	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 2025-06-09	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-09	2025-06-09
psSAR1g [W/kg]	0.701	0.750
psSAR10g [W/kg]	0.454	0.409
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.0
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

Meas.38 Body Plane with Back Side 10mm on Middle Channel in LTE Band 13 mode with Antenna 4

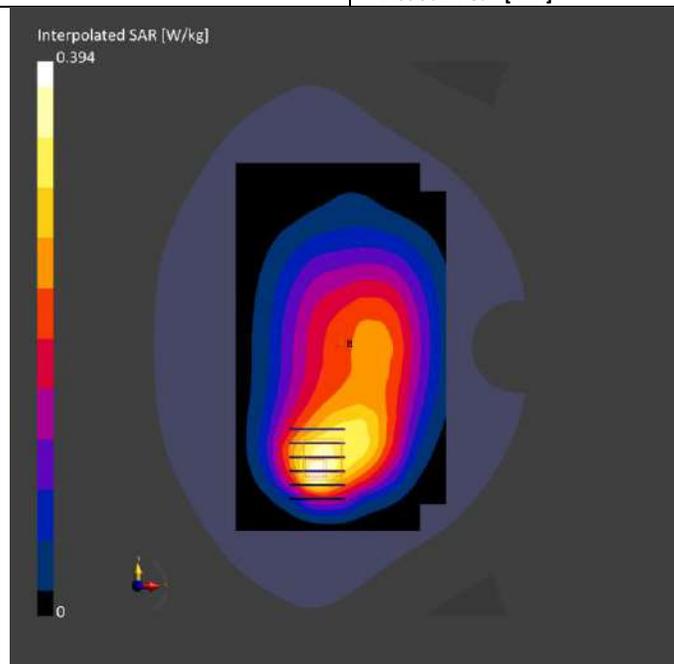
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.29	0.919	40.4	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 2025-06-09	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-09	2025-06-09
psSAR1g [W/kg]	0.239	0.231
psSAR10g [W/kg]	0.158	0.143
Power Drift [dB]	-0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		13.6



BL-SZ2560099-ATD

Meas.39 Right Head with Cheek on Middle Channel in LTE Band17 mode with Antenna 4

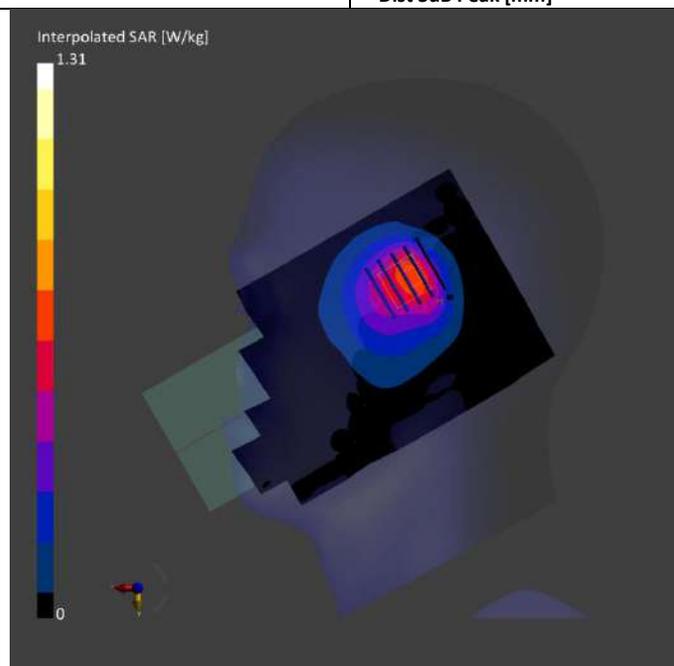
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.29	0.886	41.9	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 2025-06-10	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-10	2025-06-10	2025-06-10	2025-06-10
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.644	0.668	psSAR10g [W/kg]	0.423	0.401	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.01	-0.04	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Grading Ratio	1.5	1.5	Scaling Factor [dB]	N/A	N/A	TSL Correction	No correction	No correction	
MAIA	N/A	N/A	M2/M1 [%]	46.2	46.2	Dist 3dB Peak [mm]	10.2	10.2	
Surface Detection	All points	All points							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.40 Body Plane with Back Side 5mm on Middle Channel in LTE Band 17 mode with Antenna 4

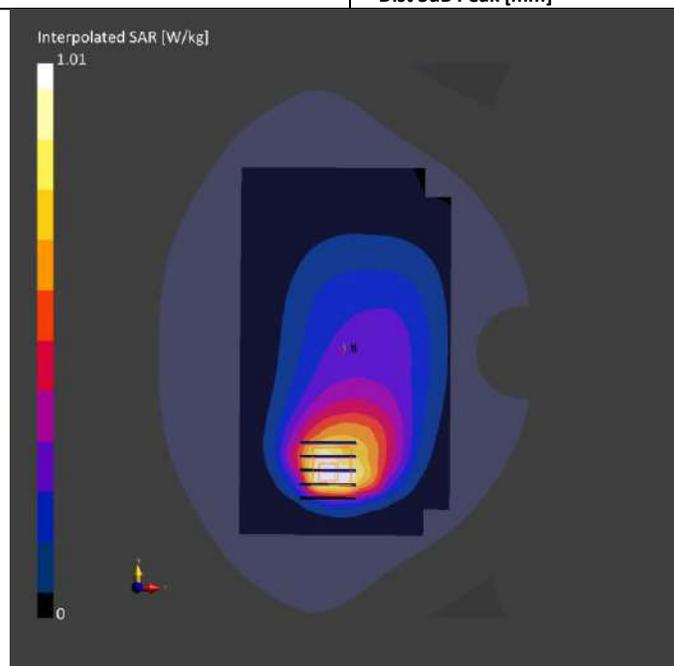
Exposure Conditions

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, 5.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.29	0.886	41.9	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 2025-06-10	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-10	2025-06-10
psSAR1g [W/kg]	0.504	0.526
psSAR10g [W/kg]	0.330	0.298
Power Drift [dB]	0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.5
Dist 3dB Peak [mm]		10.7



BL-SZ2560099-ATD

Meas.41 Body Plane with Back Side 10mm on Middle Channel in LTE Band 17 mode with Antenna 4

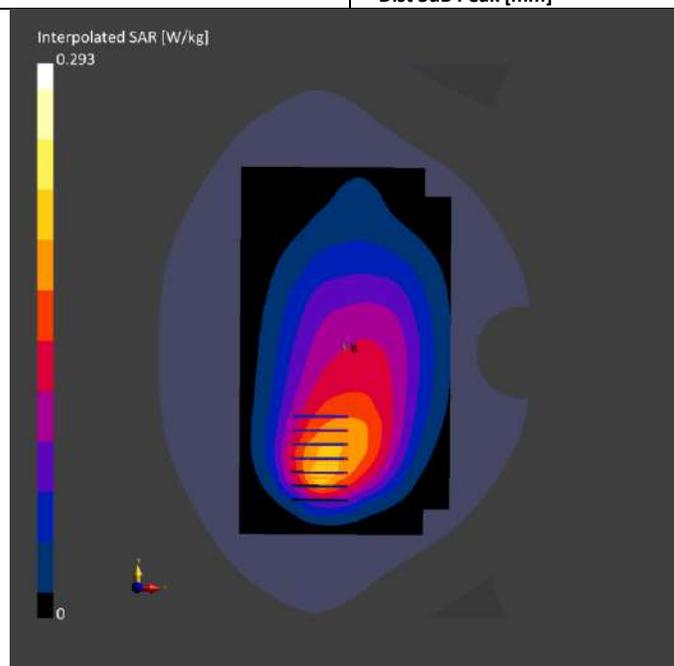
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.29	0.886	41.9	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 2025-06-10	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-10	2025-06-10	psSAR1g [W/kg]	0.186
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.128	0.123	Power Drift [dB]	0.02	0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]		Disabled	
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]			
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		14.8				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.42 Right Head with Cheek on Middle Channel in LTE Band18 mode with Antenna 4

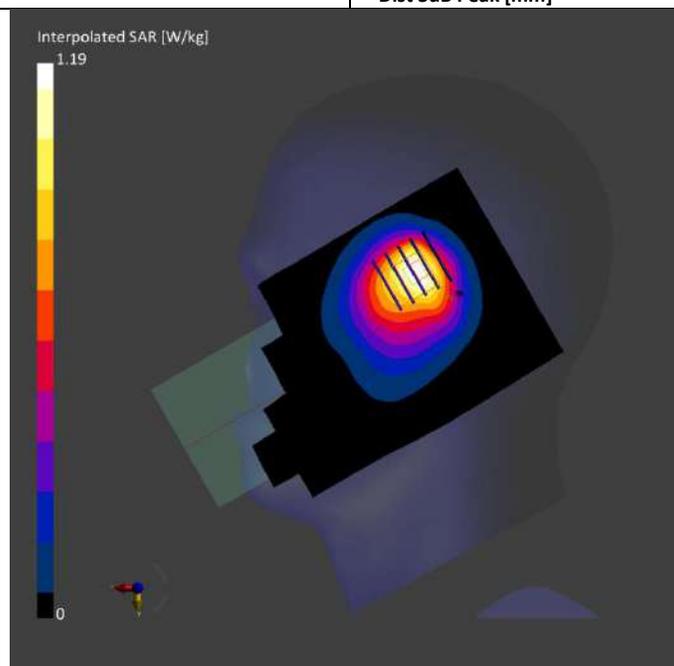
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 18	LTE-FDD, 10181-CAF	822.5, 23925	9.99	0.881	42.8	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 2025-06-14	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-14	2025-06-14
psSAR1g [W/kg]	0.698	0.704
psSAR10g [W/kg]	0.456	0.452
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		10.7



BL-SZ2560099-ATD

Meas.43 Body Plane with Back Side 5mm on Middle Channel in LTE Band 18 mode with Antenna 4

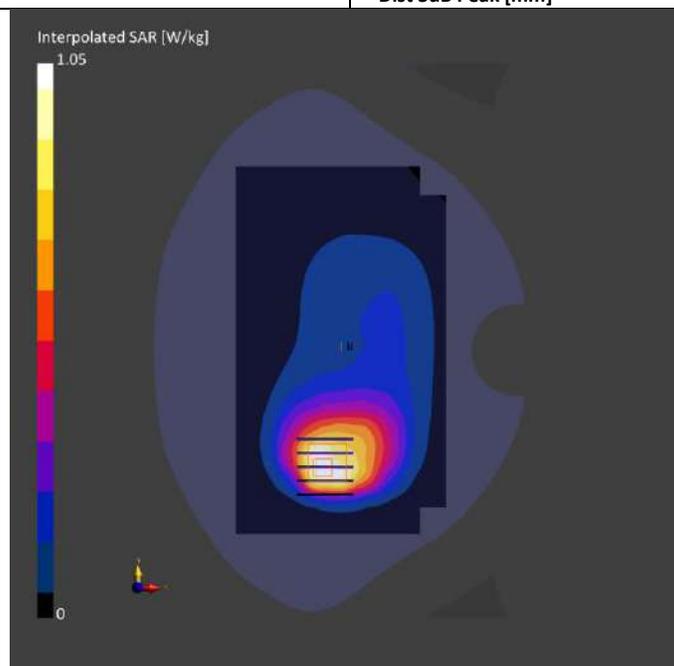
Exposure Conditions

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, 5.00	Band 18	LTE-FDD, 10181-CAF	822.5, 23925	9.99	0.881	42.8	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 2025-06-14	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-14	2025-06-14
psSAR1g [W/kg]	0.571	0.590
psSAR10g [W/kg]	0.373	0.347
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		10.7



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Meas.44 Body Plane with Back Side 10mm on Middle Channel in LTE Band 18 mode with Antenna 4

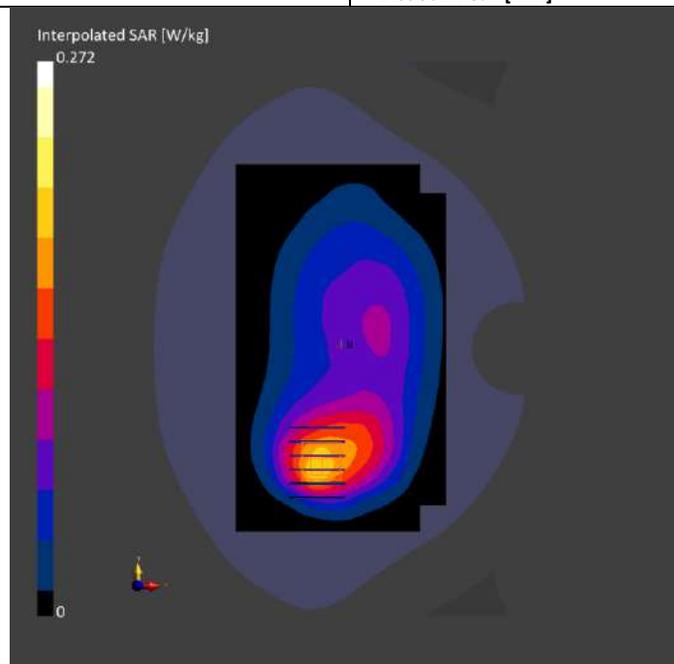
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 18	LTE-FDD, 10181-CAF	822.5, 23925	9.99	0.881	42.8	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 2025-06-14	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-14	2025-06-14
psSAR1g [W/kg]	0.175	0.172
psSAR10g [W/kg]	0.116	0.110
Power Drift [dB]	0.06	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		15.1



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Meas.45 Right Head with Cheek on Middle Channel in LTE Band19 mode with Antenna 4

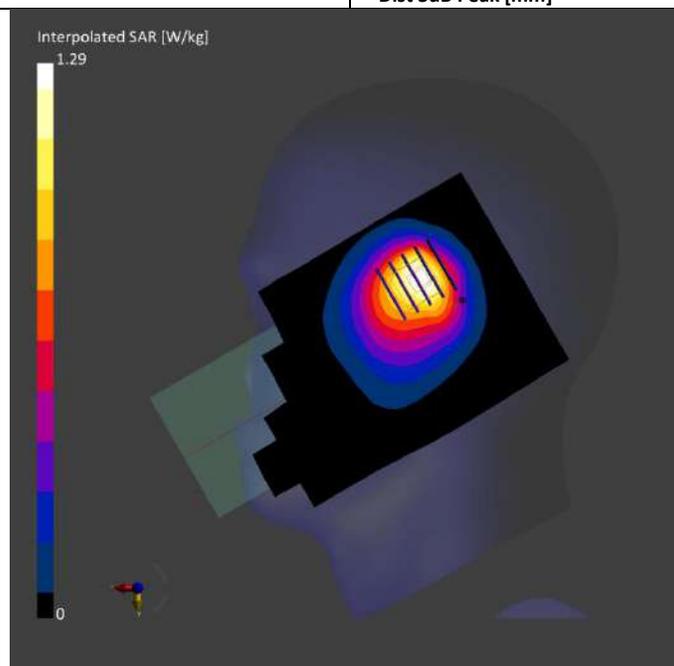
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 19	LTE-FDD, 10181-CAF	837.5, 24075	9.99	0.917	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 2025-06-15	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-15	2025-06-15
psSAR1g [W/kg]	0.756	0.762
psSAR10g [W/kg]	0.493	0.488
Power Drift [dB]	-0.01	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.3
Dist 3dB Peak [mm]		11.3



BL-SZ2560099-ATD

Meas.46 Body Plane with Back Side 5mm on Middle Channel in LTE Band 19 mode with Antenna 4

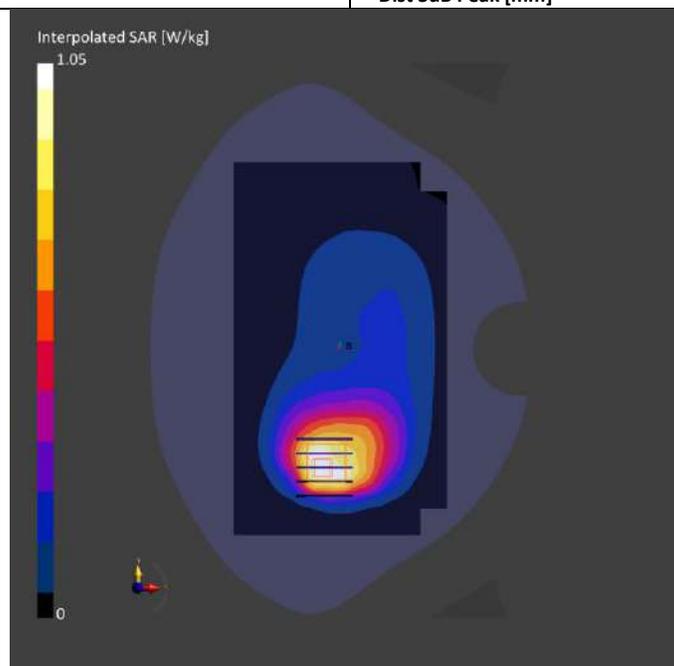
Exposure Conditions

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, 5.00	Band 19	LTE-FDD, 10181-CAF	837.5, 24075	9.99	0.917	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 2025-06-15	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-15	2025-06-15
psSAR1g [W/kg]	0.575	0.594
psSAR10g [W/kg]	0.376	0.351
Power Drift [dB]	0.01	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		10.7



BL-SZ2560099-ATD

Meas.47 Body Plane with Back Side 10mm on Middle Channel in LTE Band 19 mode with Antenna 4

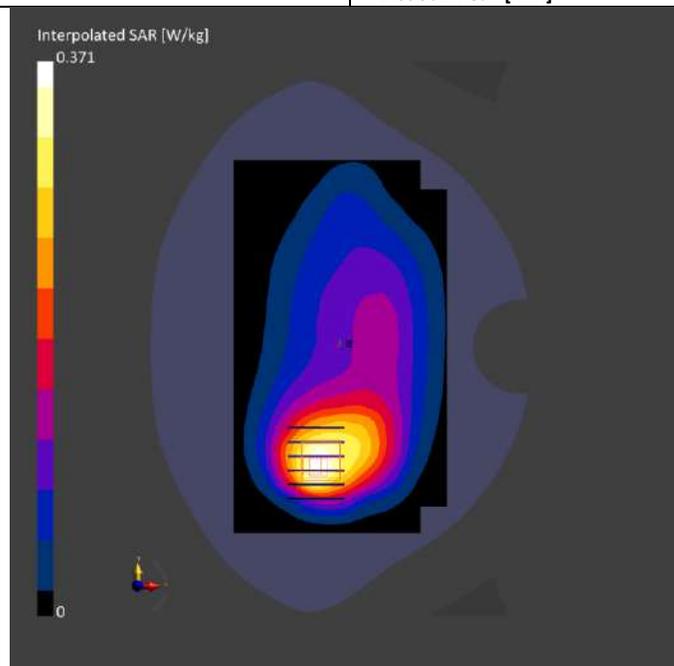
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 19	LTE-FDD, 10181-CAF	837.5, 24075	9.99	0.917	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 2025-06-15	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-15	2025-06-15
psSAR1g [W/kg]	0.242	0.235
psSAR10g [W/kg]	0.161	0.151
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.6
Dist 3dB Peak [mm]		14.3



BL-SZ2560099-ATD

Meas.48 Right Head with Cheek on Middle Channel in LTE Band26 mode with Antenna 4

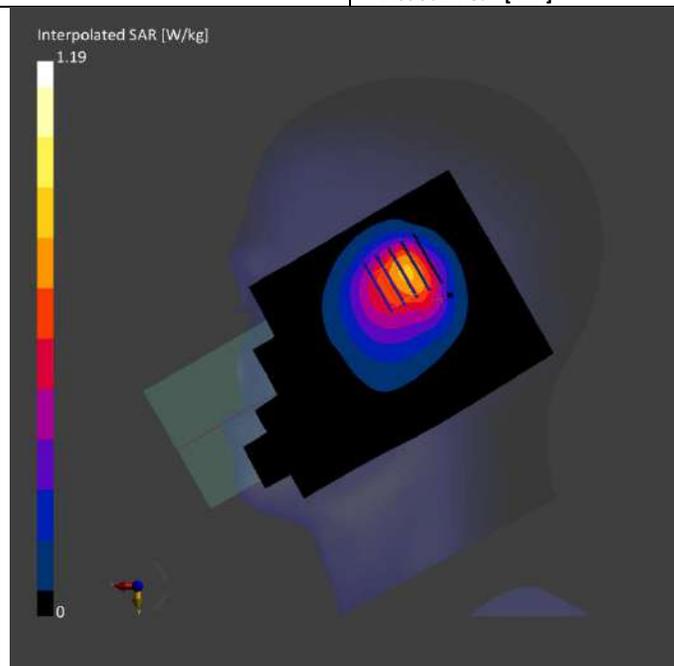
Exposure Conditions

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	9.99	0.879	42.1	22.6	21.7

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-12	2025-06-12	2025-06-12	2025-06-12
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.701	0.705	psSAR10g [W/kg]	0.460	0.457	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	-0.12	0.06	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]	55.2		
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]	55.2		Dist 3dB Peak [mm]	10.7		
Scan Method	Measured	Measured	Dist 3dB Peak [mm]	10.7					



BL-SZ2560099-ATD

Meas.49 Body Plane with Back Side 5mm on High Channel in LTE Band 26 mode with Antenna 4

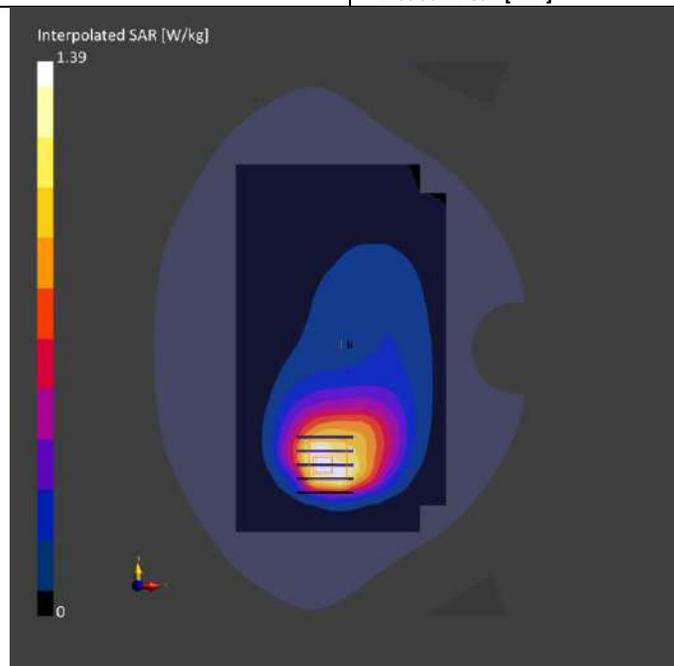
Exposure Conditions

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, 5.00	Band 26	LTE-FDD, 10181-CAF	841.5, 26965	9.99	0.917	41.2	22.6	21.7

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-12	2025-06-12
psSAR1g [W/kg]	0.734	0.768
psSAR10g [W/kg]	0.481	0.449
Power Drift [dB]	0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		12.5



BL-SZ2560099-ATD

Meas.50 Body Plane with Back Side 10mm on High Channel in LTE Band 26 mode with Antenna 4

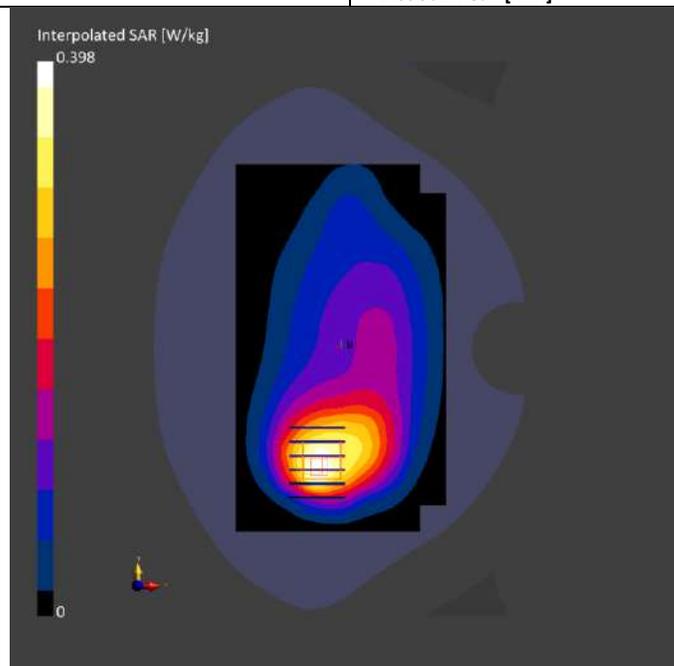
Exposure Conditions

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	9.99	0.917	41.2	22.6	21.7

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-12	2025-06-12	2025-06-12	psSAR1g [W/kg]
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.171	0.162	Power Drift [dB]	0.03	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	62.4		
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	14.3					
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.51 Right Head with Tilt on Low Channel in LTE Band66 mode with Antenna 4

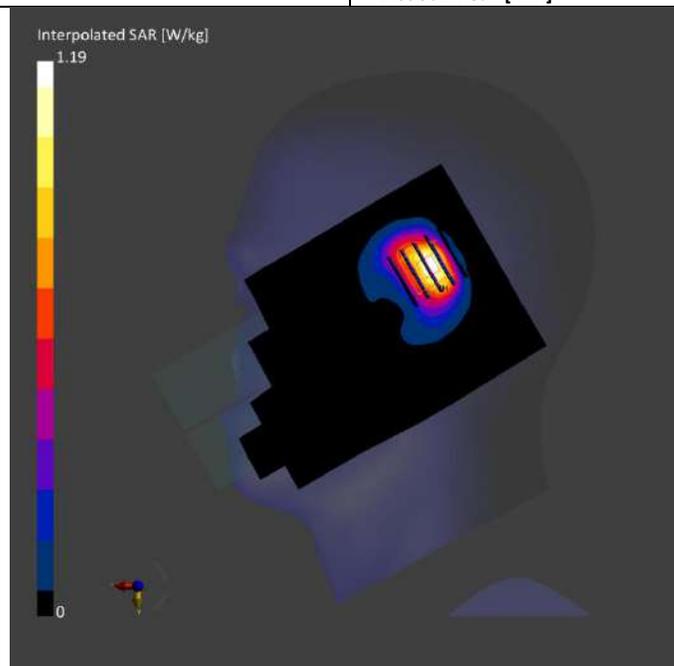
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 66	LTE-FDD, 10169-CAF	1720.0, 132072	8.67	1.36	40.7	22.3	21.4

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-21	2025-06-21
psSAR1g [W/kg]	0.525	0.707
psSAR10g [W/kg]	0.283	0.362
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

Meas.52 Body Plane with Back Side 5mm on Middle Channel in LTE Band 66 mode with Antenna 1

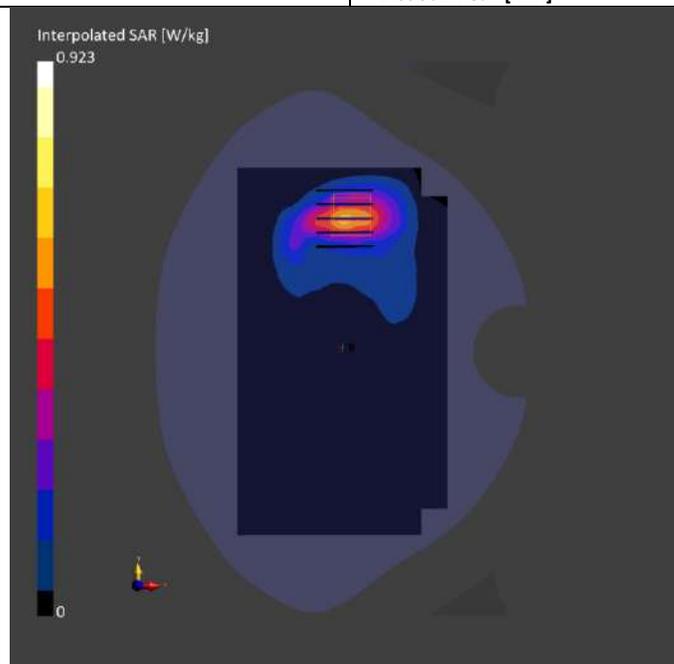
Exposure Conditions

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, 5.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	8.67	1.37	40.0	22.3	21.4

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-21	2025-06-21
psSAR1g [W/kg]	0.515	0.573
psSAR10g [W/kg]	0.284	0.326
Power Drift [dB]	0.01	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.3
Dist 3dB Peak [mm]		11.2



BL-SZ2560099-ATD

Meas.53 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band 66 mode with Antenna 1

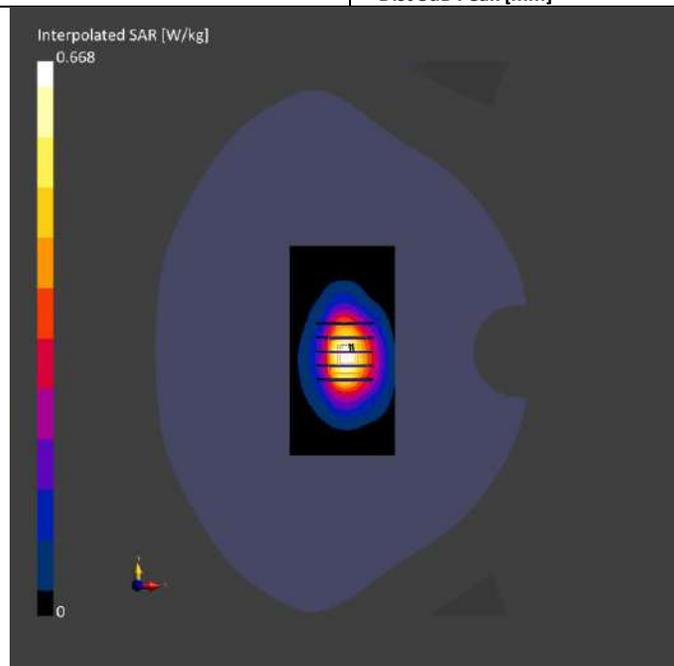
Exposure Conditions

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	1745.0, 132322	8.67	1.37	40.0	22.3	21.4

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-21	2025-06-21
psSAR1g [W/kg]	0.377	0.420
psSAR10g [W/kg]	0.208	0.241
Power Drift [dB]	0.06	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.3
Dist 3dB Peak [mm]		11.2



BL-SZ2560099-ATD

Meas.54 Body Plane with Bottom Edge 0mm on Middle Channel in LTE Band 66 mode with Antenna 1

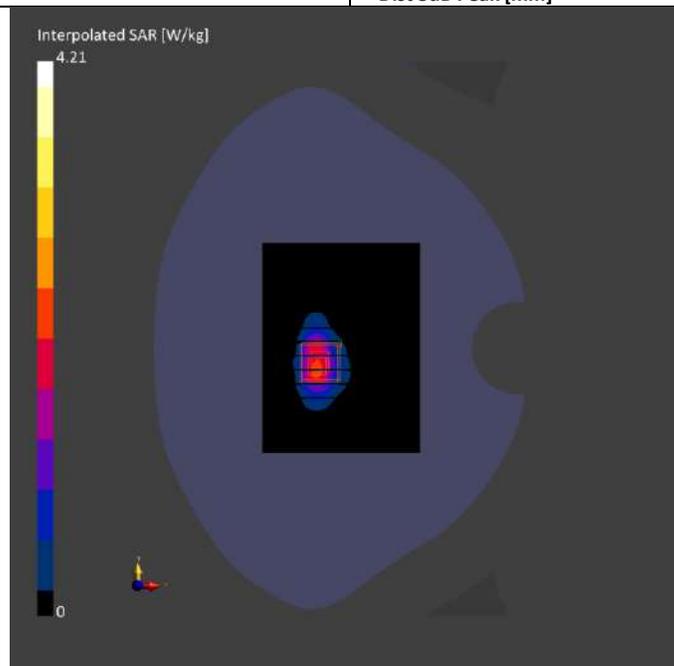
Exposure Conditions

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 66	LTE-FDD, 10297-AAE	1745.0, 132322	8.67	1.37	40.0	22.3	21.4

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-21	2025-06-21
psSAR1g [W/kg]	1.85	2.15
psSAR10g [W/kg]	0.910	1.03
Power Drift [dB]	0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

Meas.55 Right Head with Cheek on Middle Channel in LTE Band71 mode with Antenna 4

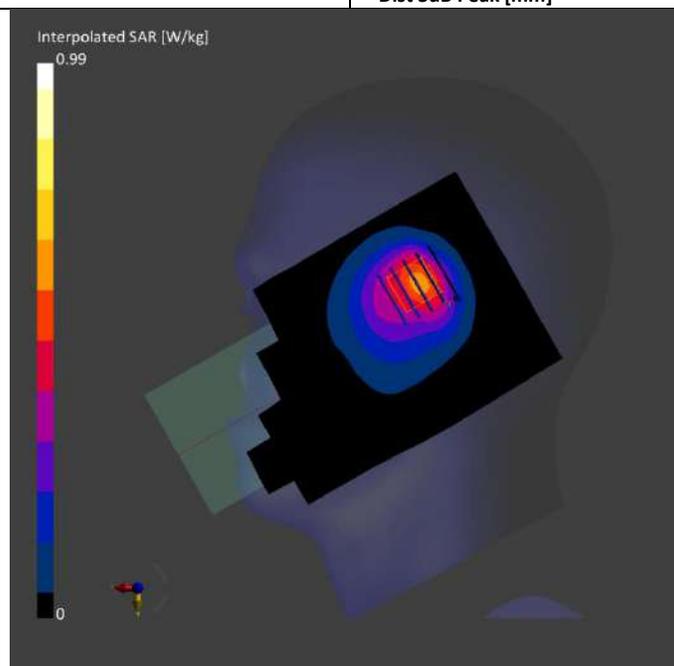
Exposure Conditions

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	680.5, 133297	10.29	0.887	42.8	22.5	21.5

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-06	2025-06-06	2025-06-06	2025-06-06
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.526	0.525	psSAR10g [W/kg]	0.341	0.320	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	-0.04	-0.04	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]	N/A	N/A	
Grading Ratio	1.5	1.5	Scaling Factor [dB]	N/A	N/A	TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]	47.4	47.4	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]	47.4	47.4	Dist 3dB Peak [mm]	9.6	9.6	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]	9.6	9.6				



BL-SZ2560099-ATD

Meas.56 Body Plane with Back Side 5mm on Middle Channel in LTE Band 71 mode with Antenna 4

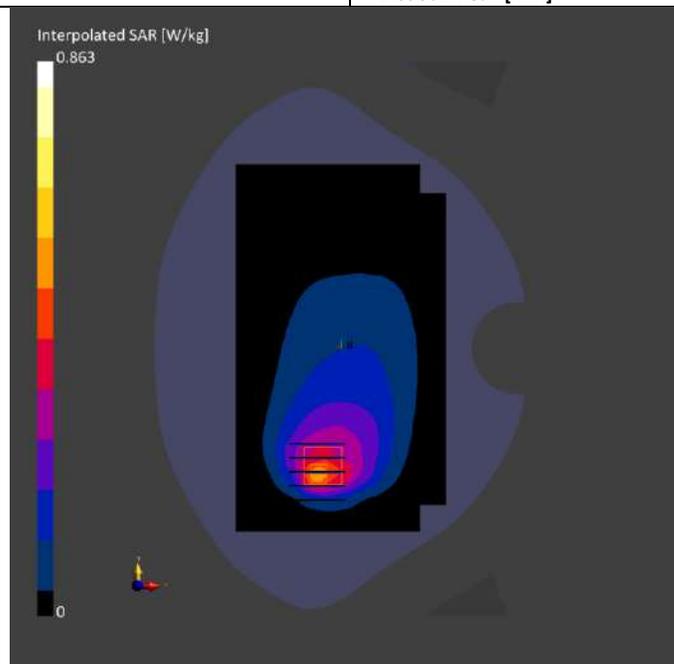
Exposure Conditions

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, 5.00	Band 71	LTE-FDD, 10169-CAF	680.5, 133297	10.29	0.887	42.8	22.5	21.5

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.457	0.429
psSAR10g [W/kg]	0.282	0.234
Power Drift [dB]	-0.06	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.6
Dist 3dB Peak [mm]		11.3



BL-SZ2560099-ATD

Meas.57 Body Plane with Back Side 10mm on Middle Channel in LTE Band 71 mode with Antenna 4

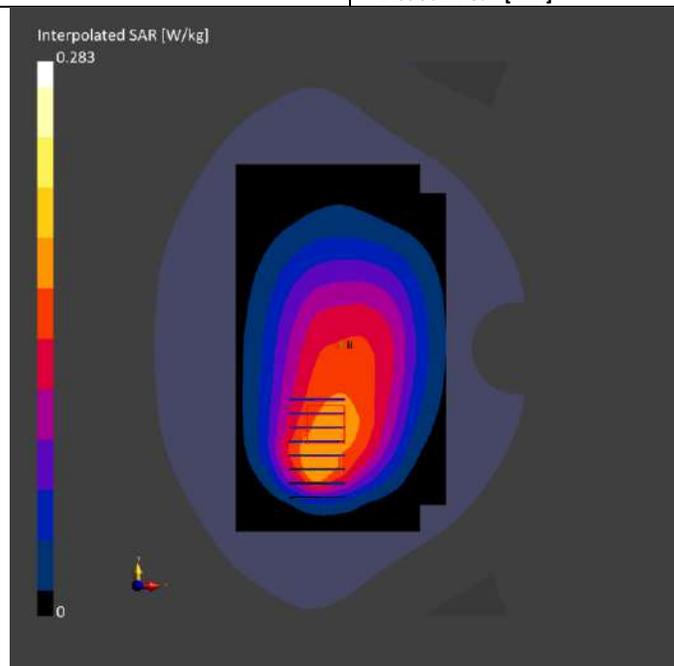
Exposure Conditions

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 71	LTE-FDD, 10169-CAF	680.5, 133297	10.29	0.887	42.8	22.5	21.5

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.164	0.165
psSAR10g [W/kg]	0.115	0.118
Power Drift [dB]	-0.06	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.6
Dist 3dB Peak [mm]		12.5



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Meas.58 Right Head with Tilt on Low Channel in LTE Band38 mode with Antenna 4

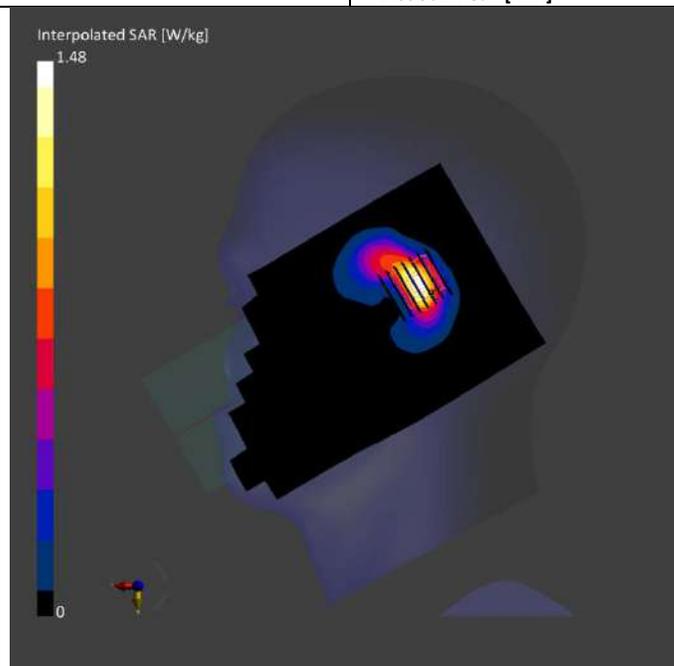
Exposure Conditions

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	TILT, 0.00	Band 38	LTE-TDD, 10172-CAH	2580.0, 37850	7.06	1.88	40.1	22.2	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 2025-06-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.592	0.743
psSAR10g [W/kg]	0.274	0.315
Power Drift [dB]	-0.01	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.6
Dist 3dB Peak [mm]		5.4



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Meas.59 Body Plane with Back Side 5mm on High Channel in LTE Band 38 mode with Antenna 4

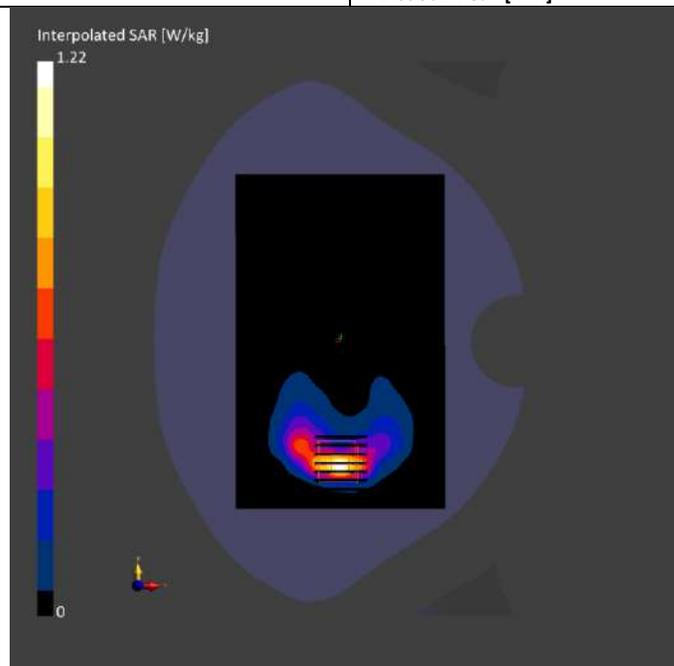
Exposure Conditions

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, 5.00	Band 38	LTE-TDD, 10435-AAG	2610.0, 38150	7.06	1.96	38.1	22.2	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 2025-06-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date		2025-06-16	2025-06-16	2025-06-16	2025-06-16
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.534	0.597	psSAR10g [W/kg]	0.223	0.250	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	-0.03	0.01	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]		50.0	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		50.0	Dist 3dB Peak [mm]		7.0	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		7.0				



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Meas.60 Body Plane with Top Edge 10mm on Low Channel in LTE Band 38 mode with Antenna 4

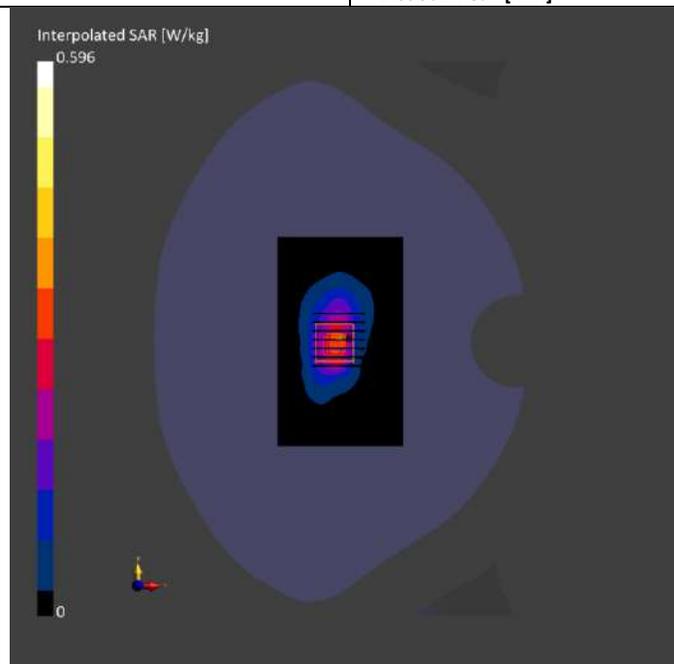
Exposure Conditions

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 38	LTE-TDD, 10435-AAG	2580.0, 37850	7.06	1.88	40.1	22.2	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 2025-06-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.262	0.306
psSAR10g [W/kg]	0.126	0.142
Power Drift [dB]	0.01	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		8.5



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Meas.61 Body Plane with Top Edge 0mm on Low Channel in LTE Band 38 mode with Antenna 4

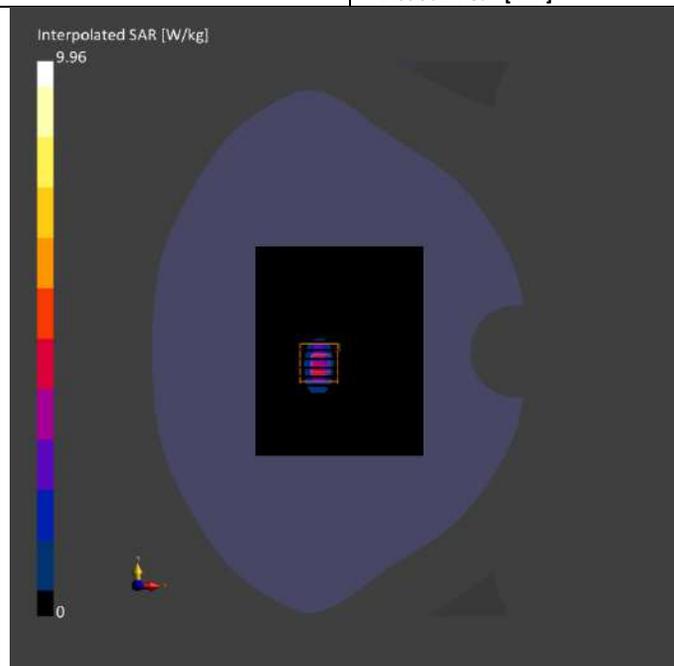
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 38	LTE-TDD, 10172-CAH	2580.0, 37850	7.06	1.88	40.1	22.2	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 2025-06-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	3.22	3.39
psSAR10g [W/kg]	1.07	1.05
Power Drift [dB]	0.05	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		37.3
Dist 3dB Peak [mm]		5.0



BL-SZ2560099-ATD

Meas.62 Right Head with Tilt on Low Channel in LTE Band41 mode with Antenna 4

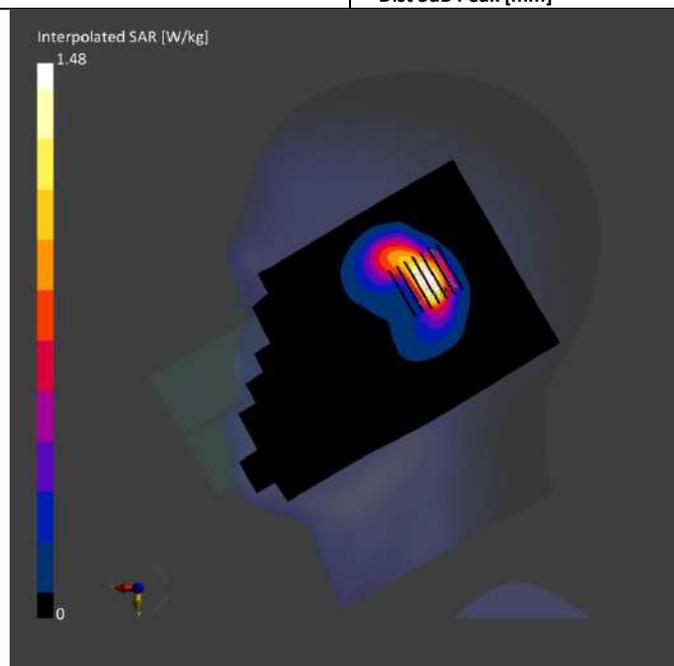
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 41	LTE-TDD, 10172-CAH	2506.0, 39750	7.06	1.89	39.2	22.1	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-20	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-20	2025-06-20
psSAR1g [W/kg]	0.617	0.765
psSAR10g [W/kg]	0.291	0.334
Power Drift [dB]	0.05	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		6.0



BL-SZ2560099-ATD

Meas.63 Body Plane with Back Side 5mm on Low Channel in LTE Band 41 mode with Antenna 4

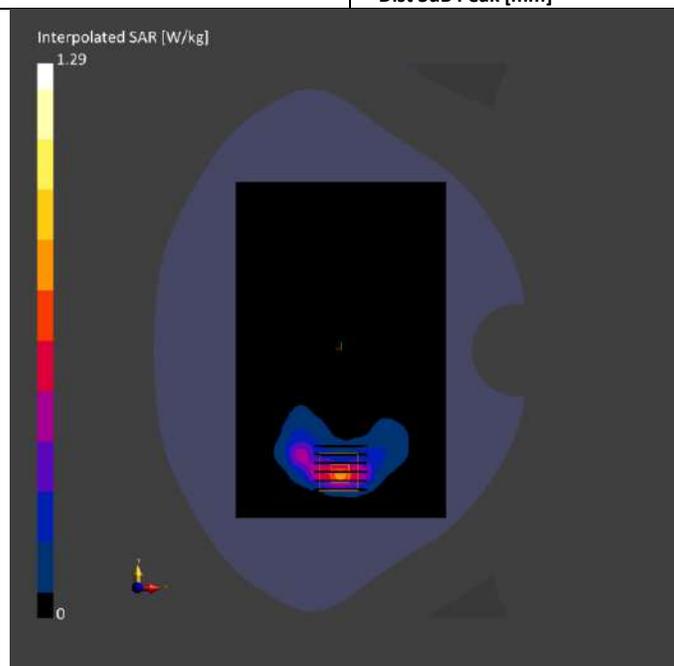
Exposure Conditions

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, 5.00	Band 41	LTE-TDD, 10435-AAG	2506.0, 39750	7.06	1.89	39.2	22.1	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-20	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date		2025-06-20	2025-06-20	2025-06-20	2025-06-20
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.568	0.631	psSAR10g [W/kg]	0.237	0.265	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	-0.01	0.04	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]		49.6	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		49.6	Dist 3dB Peak [mm]		7.0	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		7.0				



BL-SZ2560099-ATD

Meas.64 Body Plane with Top Edge 10mm on Low Channel in LTE Band 41 mode with Antenna 4

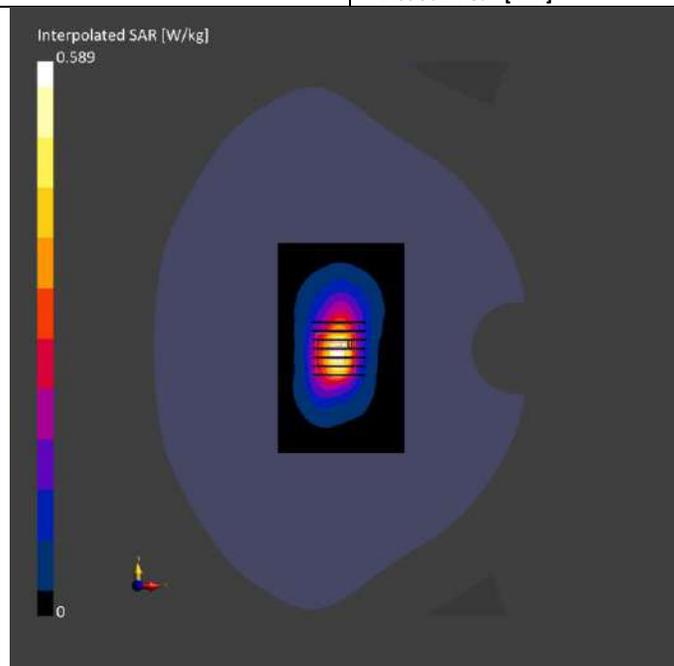
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 10.00	Band 41	LTE-TDD, 10435-AAG	2506.0, 39750	7.06	1.89	39.2	22.1	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-20	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-20	2025-06-20
psSAR1g [W/kg]	0.273	0.310
psSAR10g [W/kg]	0.128	0.146
Power Drift [dB]	0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		9.0



BL-SZ2560099-ATD

Meas.65 Body Plane with Top Edge 0mm on High Channel in LTE Band 41 mode with Antenna 4

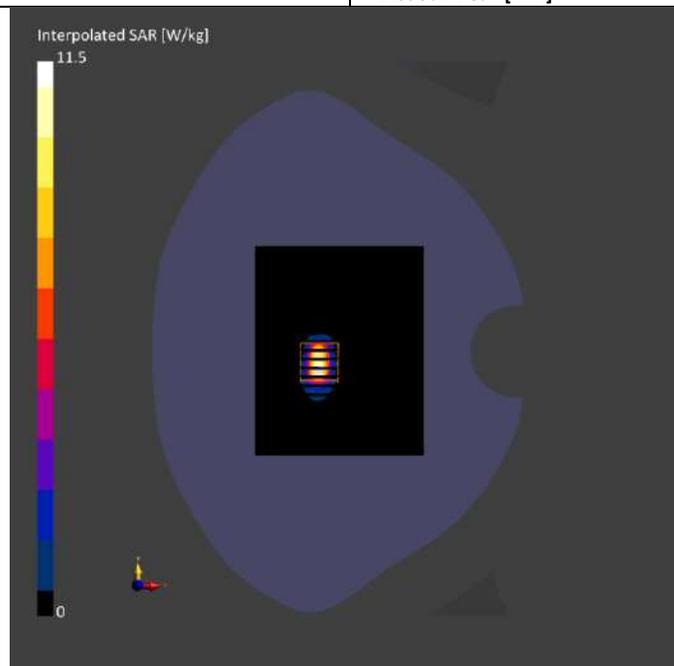
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band 41	LTE-TDD, 10172-CAH	2680.0, 41490	7.06	2.06	37.6	22.1	21.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-20	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date		2025-06-20	2025-06-20	2025-06-20	2025-06-20
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	3.53	3.57	psSAR10g [W/kg]	1.17	1.14	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.01	0.01	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]		35.8	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]			Dist 3dB Peak [mm]		5.0	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]						



BL-SZ2560099-ATD
 Meas.66 Left Head with Tilt on High Channel in LTE Band42 mode with Antenna 5

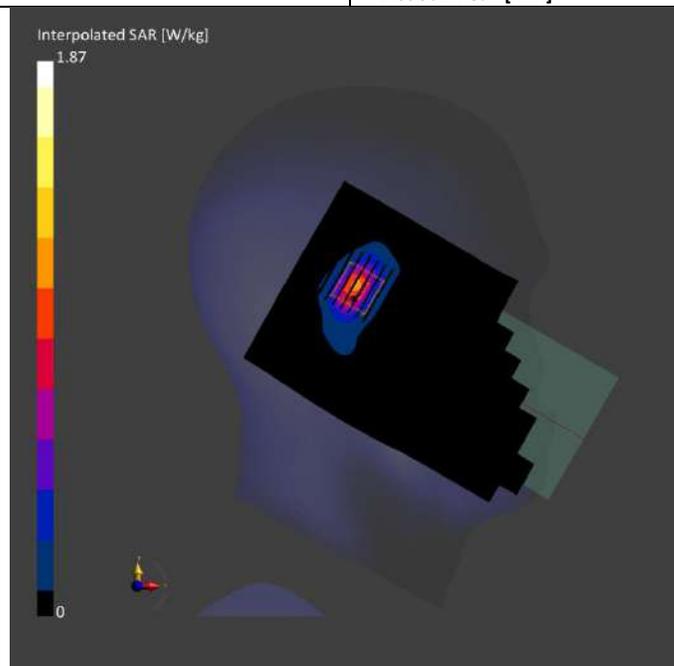
Exposure Conditions

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, 10172-CAH	3590.0, 43490	6.33	2.98	37.0	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	25.0 x 25.0 x 24.0	Date		2025-06-26	2025-06-26	2025-06-26	2025-06-26
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR1g [W/kg]	0.805	0.839	psSAR10g [W/kg]	0.318	0.358	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	0.18	-0.01	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	TSL Correction	No correction	No correction	M2/M1 [%]	51.7	7.6	
MAIA	N/A	N/A	Dist 3dB Peak [mm]						
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.67 Body Plane with Back Side 5mm on High Channel in LTE Band 42 mode with Antenna 5

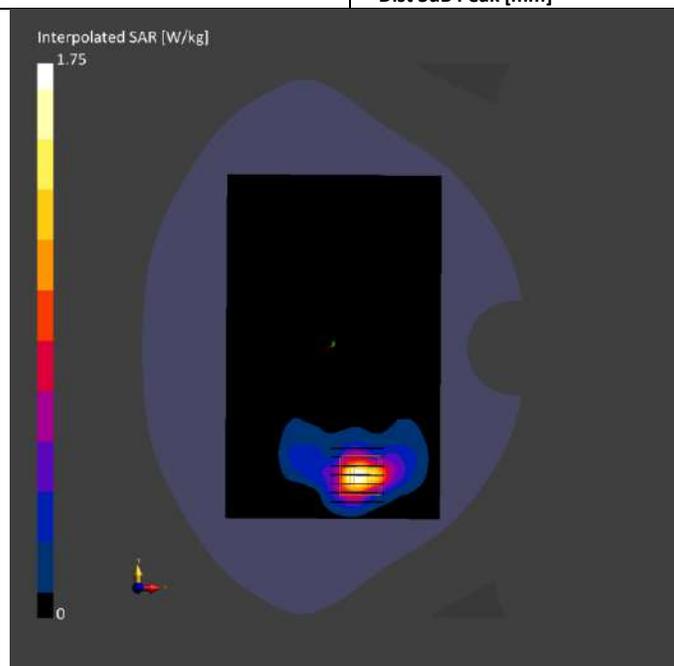
Exposure Conditions

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, 5.00	Band 42	LTE-TDD, 10172-CAH	3590.0, 43490	6.33	2.98	37.0	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-26	2025-06-26
psSAR1g [W/kg]	0.639	0.714
psSAR10g [W/kg]	0.253	0.275
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.7
Dist 3dB Peak [mm]		8.1



BL-SZ2560099-ATD

Meas.68 Body Plane with Back Side 10mm on High Channel in LTE Band 42 mode with Antenna 5

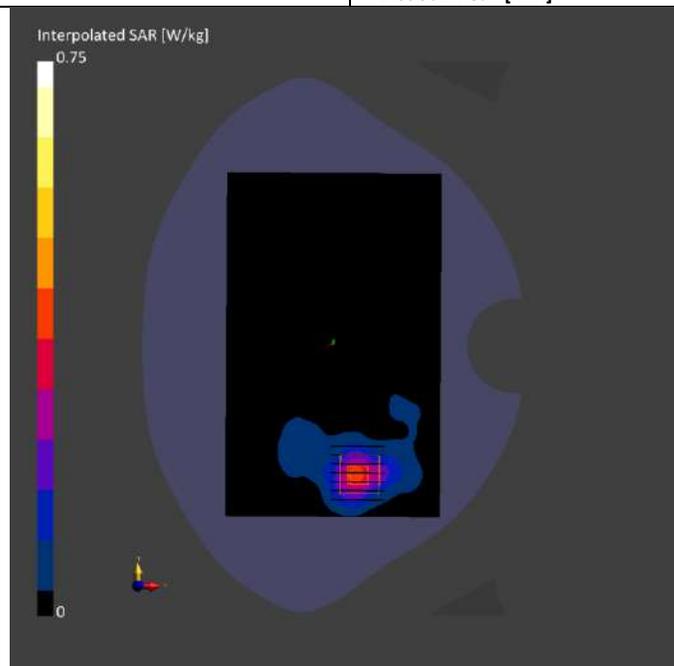
Exposure Conditions

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, 10.00	Band 42	LTE-TDD, 10172-CAH	3590.0, 43490	6.33	2.98	37.0	22.4	21.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-26	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date		2025-06-26	2025-06-26	2025-06-26	psSAR1g [W/kg]
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR10g [W/kg]	0.127	0.133	Power Drift [dB]	-0.07	0.09	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	48.4		
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	9.9					
MAIA	Y	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.69 Left Head with Tilt on High Channel in LTE Band48 mode with Antenna 5

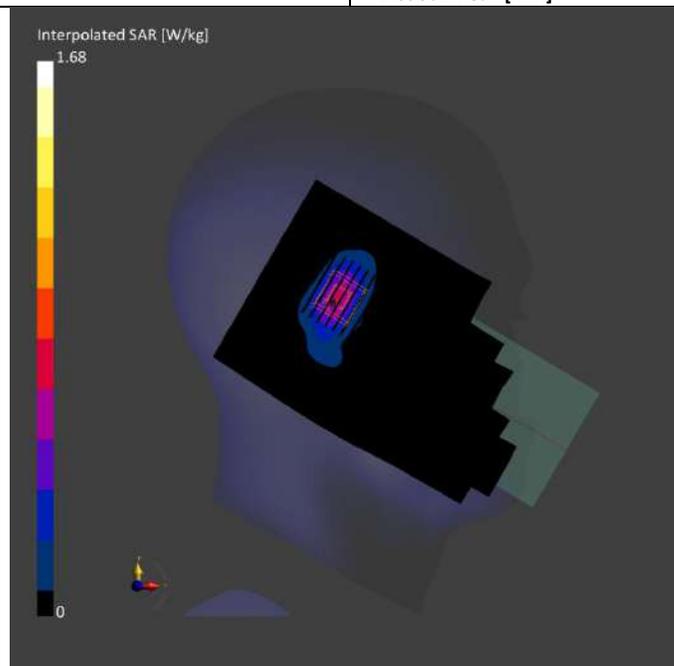
Exposure Conditions

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, 10103-CAH	3690.0, 56640	7.11	3.06	37.2	22.5	21.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-27	EX3DV4 - SN3974, 2025-06-05	DAE4 Sn1423, 2025-06-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-27	2025-06-27
psSAR1g [W/kg]	0.538	0.671
psSAR10g [W/kg]	0.238	0.263
Power Drift [dB]	-0.02	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		43.6
Dist 3dB Peak [mm]		7.1



BL-SZ2560099-ATD

Meas.70 Body Plane with Back Side 5mm on Low Channel in LTE Band 48 mode with Antenna 5

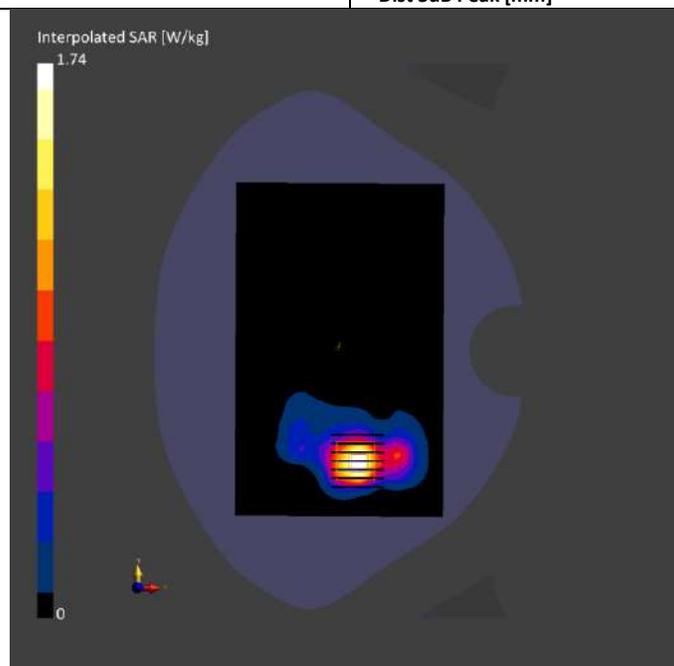
Exposure Conditions

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, 5.00	Band 48	LTE-TDD, 10103-CAH	3560.0, 55340	7.30	2.90	38.3	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 2025-06-27	EX3DV4 - SN34, 2025-06-05	DAE4 Sn1423, 2025-06-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-27	2025-06-27
psSAR1g [W/kg]	0.591	0.688
psSAR10g [W/kg]	0.250	0.270
Power Drift [dB]	0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.8
Dist 3dB Peak [mm]		8.2



BL-SZ2560099-ATD

Meas.71 Body Plane with Back Side 10mm on Low Channel in LTE Band 48 mode with Antenna 5

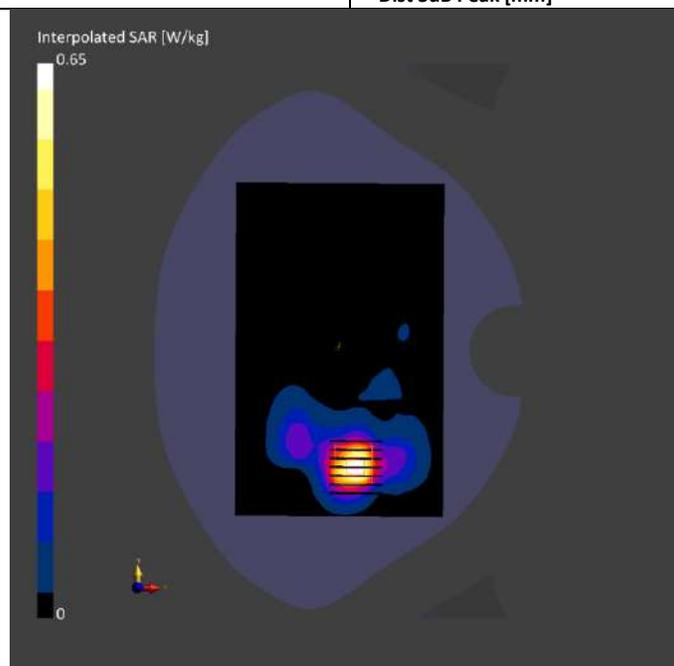
Exposure Conditions

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, 10.00	Band 48	LTE-TDD, 10103-CAH	3560.0, 55340	7.30	2.90	38.3	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 2025-06-27	EX3DV4 - SN3974, 2025-06-05	DAE4 Sn1423, 2025-06-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 24.0	Date		2025-06-27	2025-06-27	psSAR1g [W/kg]	0.264
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 4.0	psSAR10g [W/kg]	0.115	0.119	Power Drift [dB]	-0.02	-0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	48.5		
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	10.4					
MAIA	Y	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.72 Right Head with Tilt on 374000 Channel in NR Band2 mode with Antenna 4

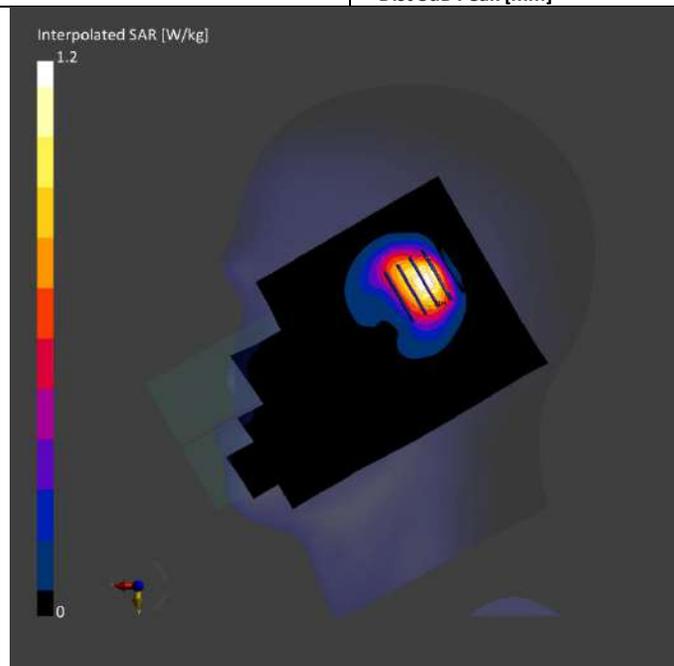
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band n2	5G NR FR1 FDD, 10931-AAC	1870.0, 374000	7.34	1.36	39.9	22.6	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 2025-06-09	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-09	2025-06-09	psSAR1g [W/kg]	0.565
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.309	0.419	Power Drift [dB]	-0.05	0.05	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		67.3	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		8.0				
MAIA	N/A	N/A							
Surface Detection	All points	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.73 Body Plane with Back Side 5mm on 374000 Channel in NR Band 2 mode with Antenna 4

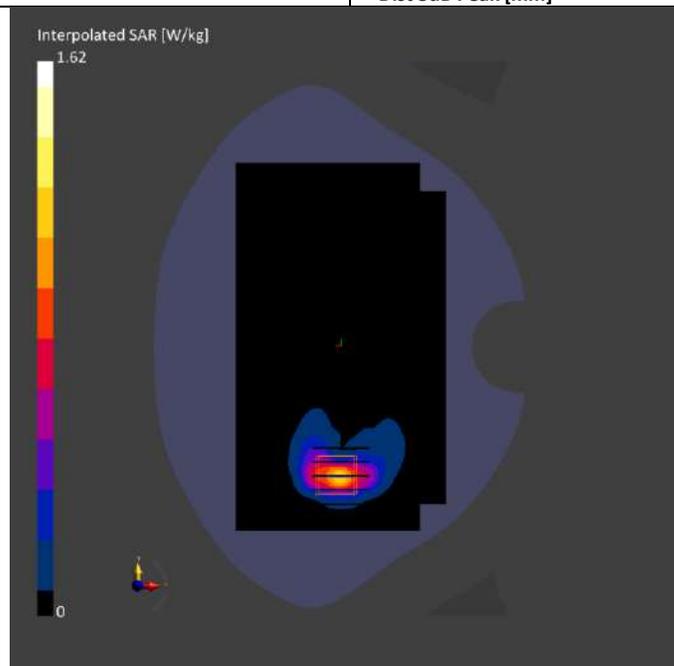
Exposure Conditions

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, 5.00	Band n2	5G NR FR1 FDD, 10931-AAC	1870.0, 374000	7.34	1.36	39.9	22.6	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 2025-06-09	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-09	2025-06-09
psSAR1g [W/kg]	0.882	0.894
psSAR10g [W/kg]	0.429	0.447
Power Drift [dB]	-0.04	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

Meas.74 Body Plane with Top Edge 10mm on 374000 Channel in NR Band 2 mode with Antenna 4

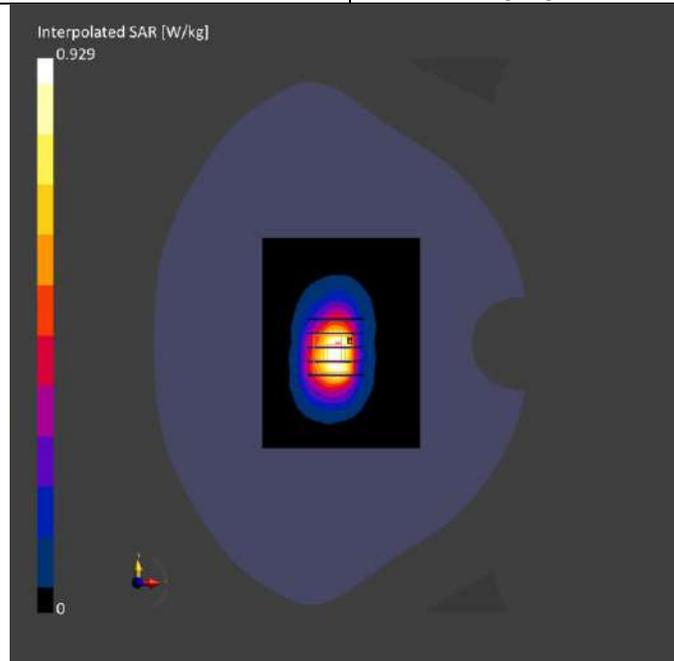
Exposure Conditions

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	1870.0, 374000	7.34	1.36	39.9	22.6	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 2025-06-09	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-09	2025-06-09
psSAR1g [W/kg]	0.510	0.611
psSAR10g [W/kg]	0.277	0.347
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.6
Dist 3dB Peak [mm]		9.6



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Meas.75 Body Plane with Top Edge 0mm on 374000 Channel in NR Band 2 mode with Antenna 4

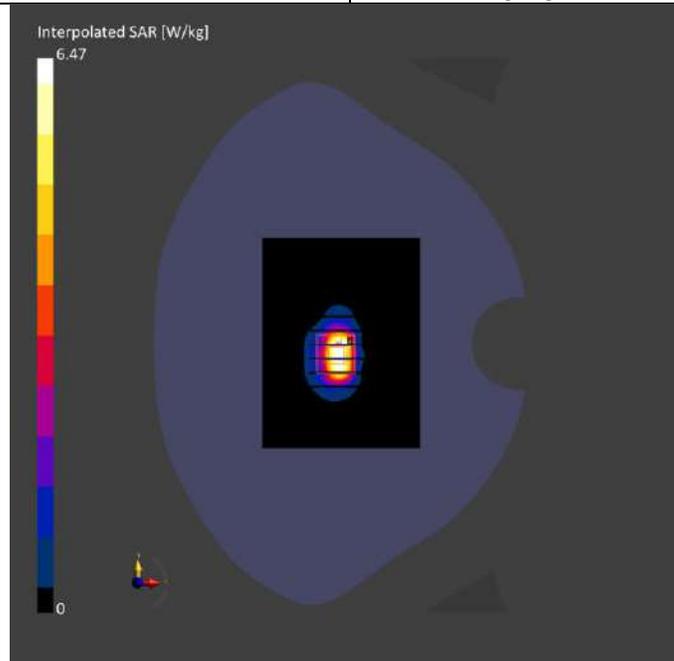
Exposure Conditions

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	1870.0, 374000	7.34	1.36	39.9	22.6	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 2025-06-09	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-09	2025-06-09
psSAR1g [W/kg]	2.83	3.36
psSAR10g [W/kg]	1.33	1.50
Power Drift [dB]	0.02	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.8
Dist 3dB Peak [mm]		8.4



BL-SZ2560099-ATD

Meas.76 Right Head with Cheek on 167300 Channel in NR Band5 mode with Antenna 4

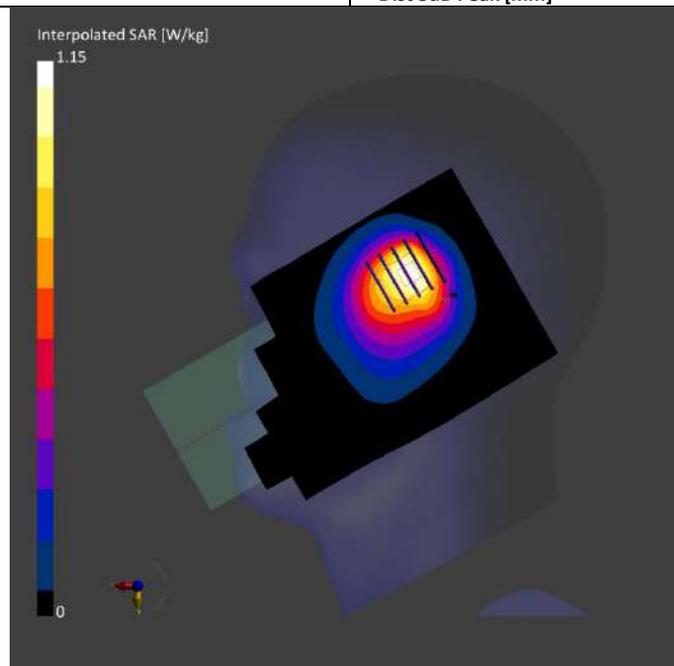
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.5, 167300	9.99	0.912	41.8	22.3	21.4

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-17	2025-06-17	psSAR1g [W/kg]	0.697
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.455	0.438	Power Drift [dB]	-0.03	0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		54.9	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.7				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.77 Body Plane with Back Side 5mm on 167300 Channel in NR Band 5 mode with Antenna 4

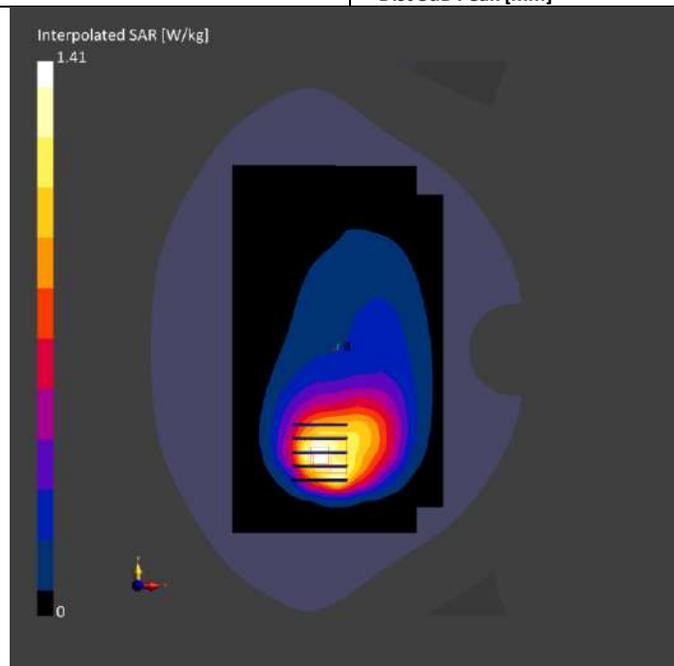
Exposure Conditions

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, 5.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.5, 167300	9.99	0.912	41.8	22.3	21.4

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-17	2025-06-17
psSAR1g [W/kg]	0.684	0.760
psSAR10g [W/kg]	0.453	0.448
Power Drift [dB]	-0.10	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		9.3



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Meas.78 Body Plane with Back Side 10mm on 167300 Channel in NR Band 5 mode with Antenna 4

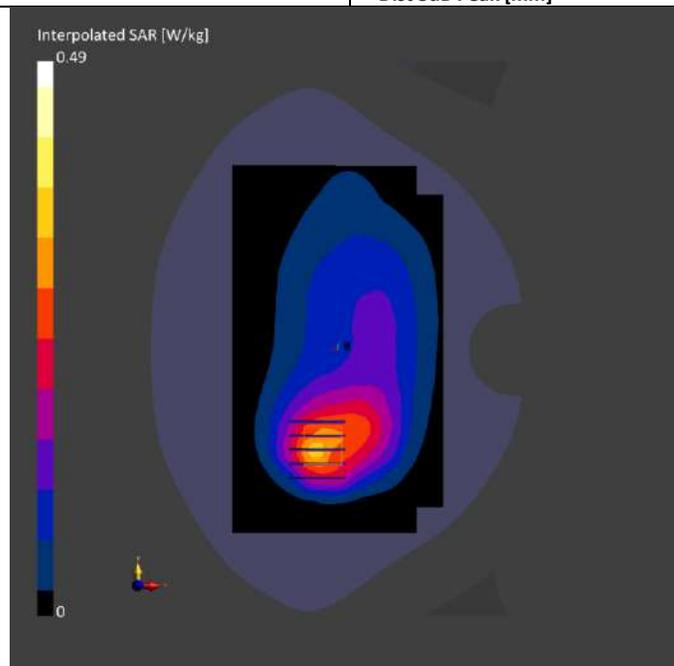
Exposure Conditions

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	9.99	0.912	41.8	22.3	21.4

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-17	2025-06-17	psSAR1g [W/kg]	0.292
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.192	0.187	Power Drift [dB]	-0.11	-0.06	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		56.7	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		12.5				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.79 Right Head with Tilt on 509000 Channel in NR Band7 mode with Antenna 4

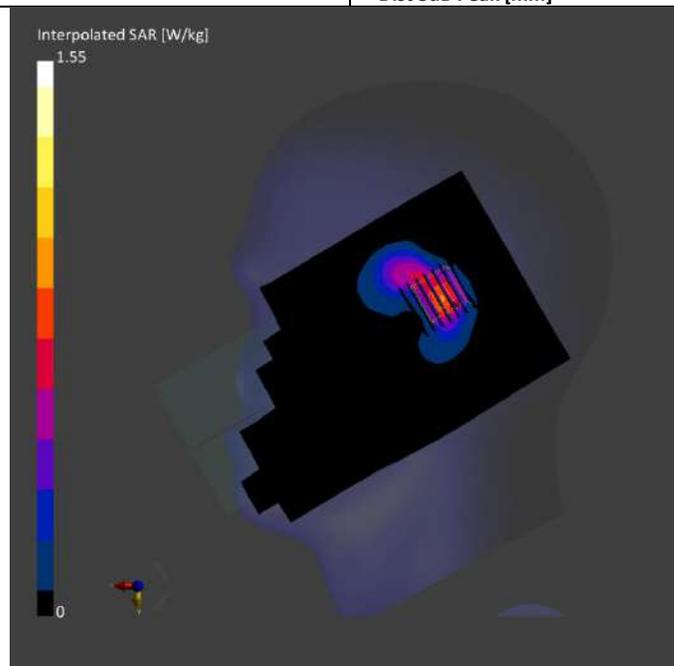
Exposure Conditions

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	TILT, 0.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.89	38.1	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 2025-06-14	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-14	2025-06-14	2025-06-14
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.699	0.699	0.898	0.898	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	0.338	0.338	0.421	0.421	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	0.02	0.02	-0.03	-0.03	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]			60.4	60.4	
				Dist 3dB Peak [mm]			6.1	6.1	



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Meas.80 Body Plane with Back Side 5mm on 509000 Channel in NR Band 7 mode with Antenna 4

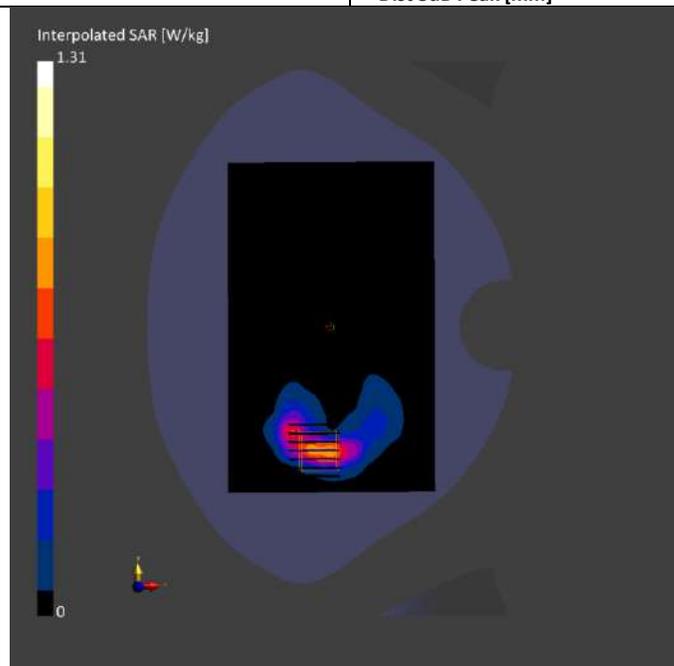
Exposure Conditions

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, 5.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.89	38.1	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 2025-06-14	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		5.0 x 5.0 x 5.0	Date	2025-06-14	2025-06-14
Grid Steps [mm]	12.0 x 12.0		5.0 x 5.0 x 5.0		psSAR1g [W/kg]	0.631	0.631	0.657	
Sensor Surface [mm]	3.0		1.4		psSAR10g [W/kg]	0.282	0.282	0.298	
Graded Grid	Yes		Yes		Power Drift [dB]	0.07	0.07	0.09	
Grading Ratio	1.5		1.5		Power Scaling	Disabled	Disabled	Disabled	
MAIA	N/A		N/A		Scaling Factor [dB]				
Surface Detection	VMS + 6p		VMS + 6p		TSL Correction	No correction	No correction	No correction	
Scan Method	Measured		Measured		M2/M1 [%]			50.7	
					Dist 3dB Peak [mm]			7.0	



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Meas.81 Body Plane with Top Edge 10mm on 507000 Channel in NR Band 7 mode with Antenna 4

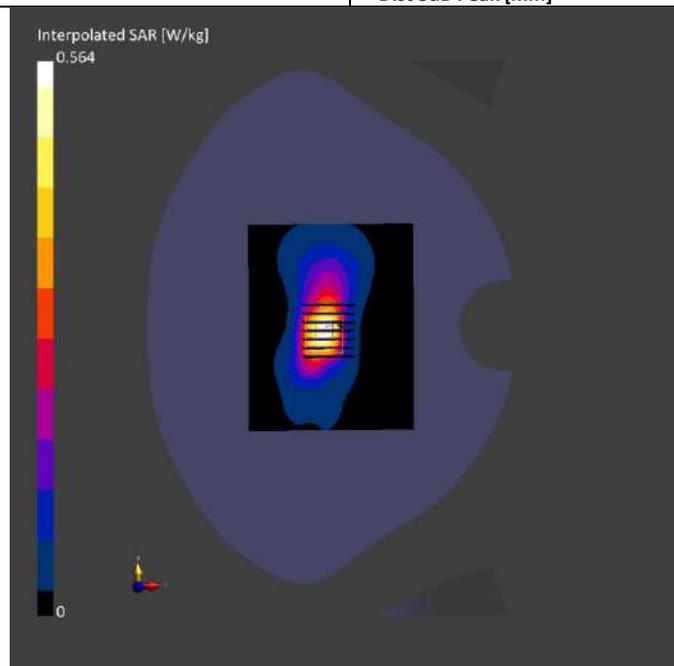
Exposure Conditions

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	2535.0, 507000	7.06	1.89	38.3	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 2025-06-14	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-14	2025-06-14
psSAR1g [W/kg]	0.281	0.339
psSAR10g [W/kg]	0.137	0.170
Power Drift [dB]	0.10	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.1
Dist 3dB Peak [mm]		8.2



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Meas.82 Body Plane with Top Edge 0mm on 509000 Channel in NR Band 7 mode with Antenna 4

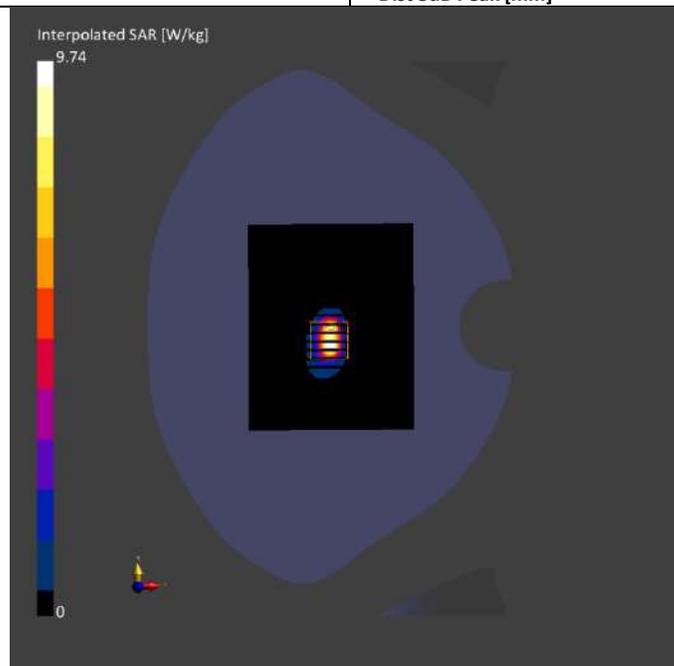
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n7	5G NR FR1 FDD, 10935-AAD	2545.0, 509000	7.06	1.89	38.1	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 2025-06-14	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-14	2025-06-14	2025-06-14
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	3.34	3.34	3.81	3.81	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	1.17	1.17	1.23	1.23	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	-0.03	-0.03	0.07	0.07	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]			41.0	41.0	
				Dist 3dB Peak [mm]			5.0	5.0	



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Meas.83 Right Head with Cheek on 141700 Channel in NR Band12 mode with Antenna 4

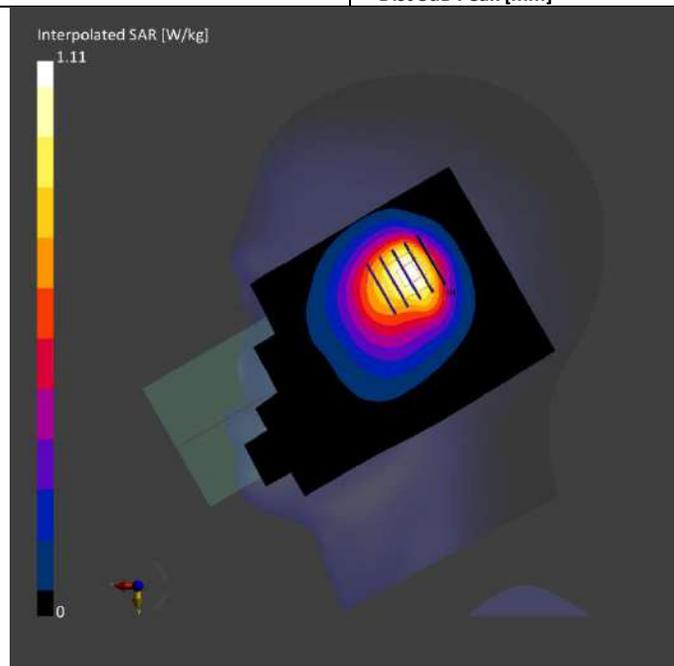
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n12	5G NR FR1 FDD, 10930-AAC	708.5, 141700	10.29	0.883	41.9	22.5	21.5

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-11	2025-06-11	psSAR1g [W/kg]	0.600
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.399	0.396	Power Drift [dB]	0.02	0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		53.1	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		12.5				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.84 Body Plane with Back Side 5mm on 141300 Channel in NR Band 12 mode with Antenna 4

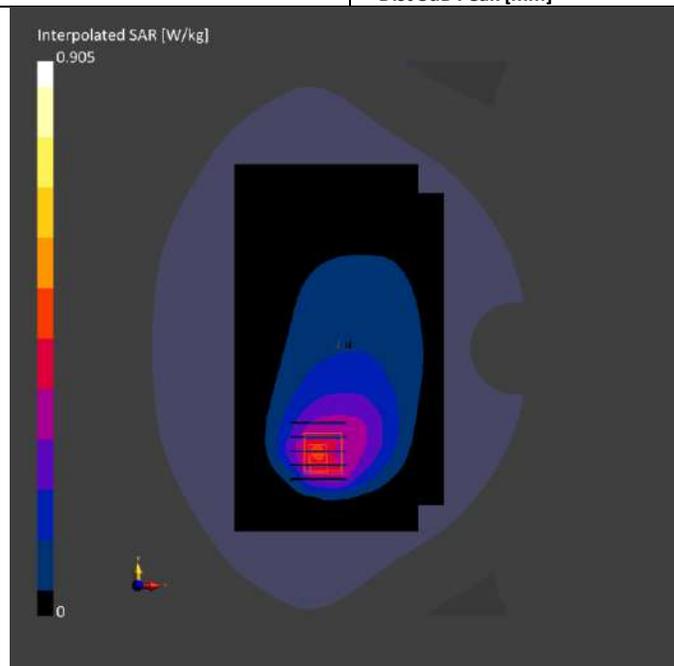
Exposure Conditions

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, 5.00	Band n12	5G NR FR1 FDD, 10930-AAC	706.5, 141300	10.29	0.871	43.3	22.5	21.5

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-11	2025-06-11	psSAR1g [W/kg]	0.404
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.266	0.255	Power Drift [dB]	-0.01	-0.02	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		45.6	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		9.1				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.85 Body Plane with Back Side 10mm on 141300 Channel in NR Band 12 mode with Antenna 4

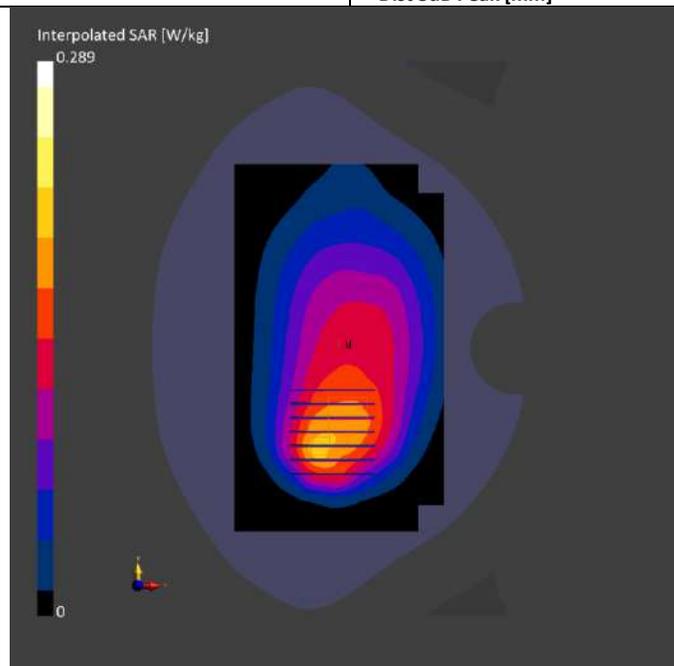
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n12	5G NR FR1 FDD, 10930-AAC	706.5, 141300	10.29	0.871	43.3	22.5	21.5

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-11	2025-06-11	0.180	0.176
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.124	0.125	0.124	0.125		
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	-0.01	-0.09	-0.01	-0.09		
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Disabled	Disabled		
Grading Ratio	1.5	1.5	Scaling Factor [dB]	No correction	No correction	No correction	No correction		
MAIA	N/A	N/A	TSL Correction	No correction	No correction	No correction	No correction		
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]	58.1	58.1	58.1	58.1		
Scan Method	Measured	Measured	Dist 3dB Peak [mm]	14.8	14.8	14.8	14.8		



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Meas.86 Right Head with Cheek on 166800 Channel in NR Band26 mode with Antenna 4

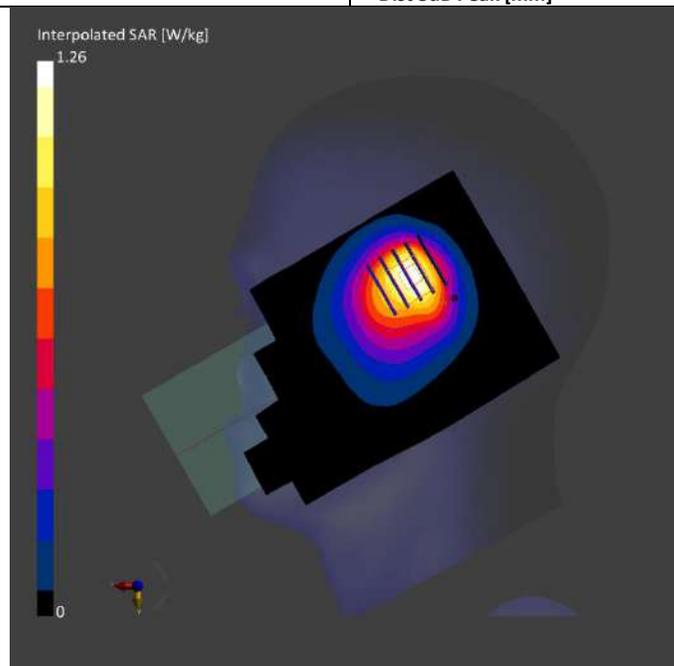
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n26	5G NR FR1 FDD, 10931-AAC	834.0, 166800	9.99	0.891	42.1	22.1	21.2

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-13	2025-06-13
psSAR1g [W/kg]	0.763	0.771
psSAR10g [W/kg]	0.499	0.496
Power Drift [dB]	-0.02	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.9
Dist 3dB Peak [mm]		11.5



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Meas.87 Body Plane with Back Side 5mm on 165800 Channel in NR Band 26 mode with Antenna 4

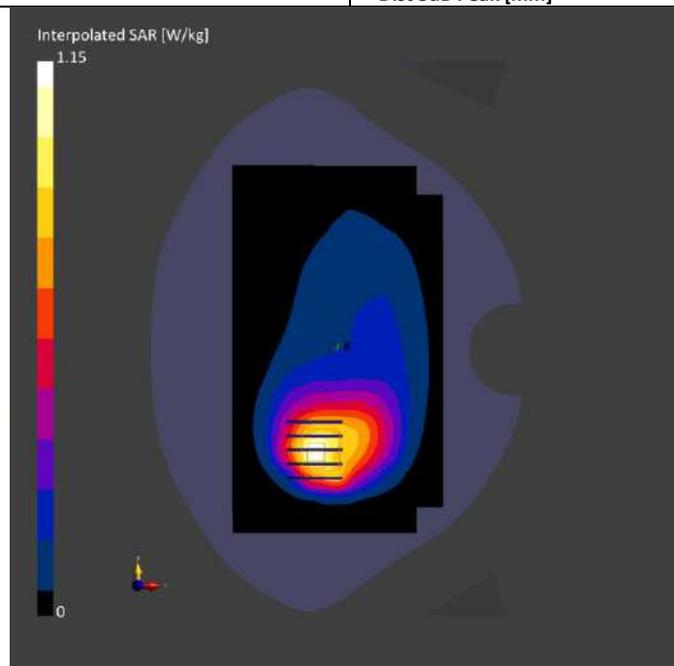
Exposure Conditions

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, 5.00	Band n26	5G NR FR1 FDD, 10931-AAC	829.0, 165800	9.99	0.869	42.9	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 2025-06-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-13	2025-06-13	psSAR1g [W/kg]	0.619
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.396	0.383	Power Drift [dB]	0.02	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		51.9	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.1				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.88 Body Plane with Back Side 10mm on 165800 Channel in NR Band 26 mode with Antenna 4

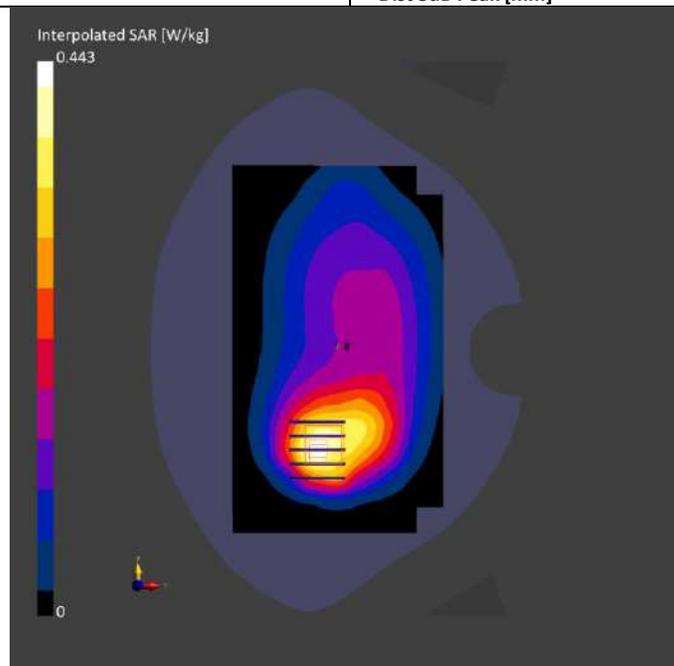
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n26	5G NR FR1 FDD, 10931-AAC	829.0, 165800	9.99	0.869	42.9	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 2025-06-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-13	2025-06-13	psSAR1g [W/kg]	0.270
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.178	0.177	Power Drift [dB]	0.04	-0.13	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		58.4	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.5				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.89 Right Head with Tilt on 346500 Channel in NR Band66 mode with Antenna 4

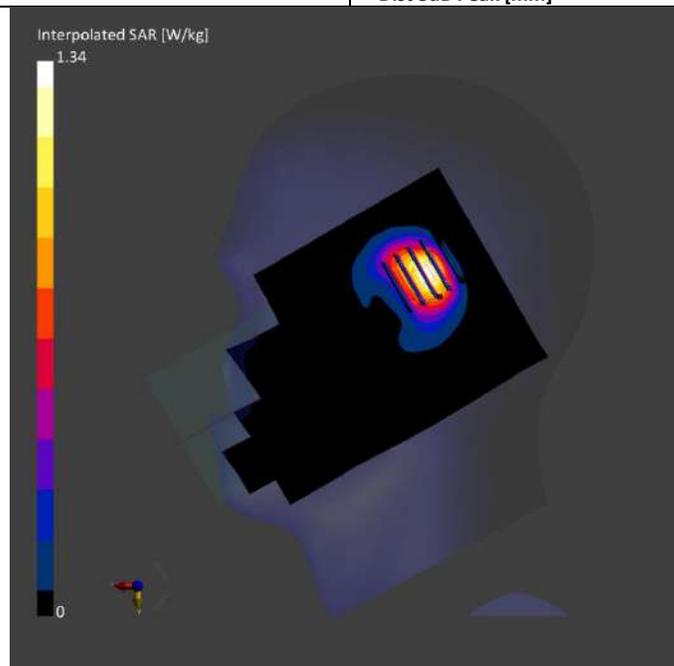
Exposure Conditions

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	1732.5, 346500	8.67	1.34	41.1	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 2025-06-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-24	2025-06-24
psSAR1g [W/kg]	0.632	0.866
psSAR10g [W/kg]	0.343	0.469
Power Drift [dB]	-0.05	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.3
Dist 3dB Peak [mm]		8.0



BL-SZ2560099-ATD

Meas.90 Body Plane with Back Side 5mm on 351500 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	BACK, 5.00	Band n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	8.67	1.38	39.3	22.5	21.6

Hardware Setup

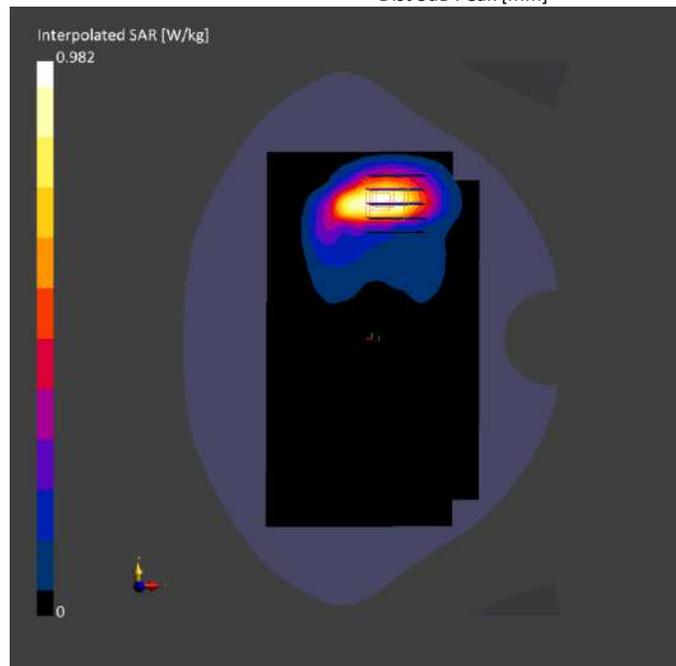
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2025-06-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-24	2025-06-24
psSAR1g [W/kg]	0.565	0.631
psSAR10g [W/kg]	0.316	0.358
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.3
Dist 3dB Peak [mm]		9.6



Meas.91 Body Plane with Bottom Edge 10mm on 351500 Channel in NR Band 66 mode with Antenna 1

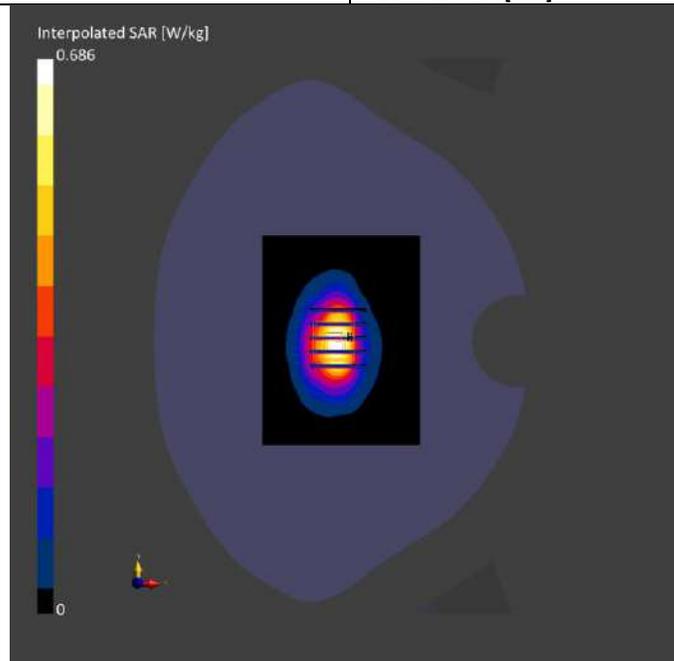
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	8.67	1.38	39.3	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 2025-06-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-06-24	2025-06-24	psSAR1g [W/kg]	0.420
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.231	0.290	Power Drift [dB]	0.02	0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]		Disabled	
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		69.9	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		10.7				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.92 Body Plane with Bottom Edge 0mm on 351500 Channel in NR Band 66 mode with Antenna 1

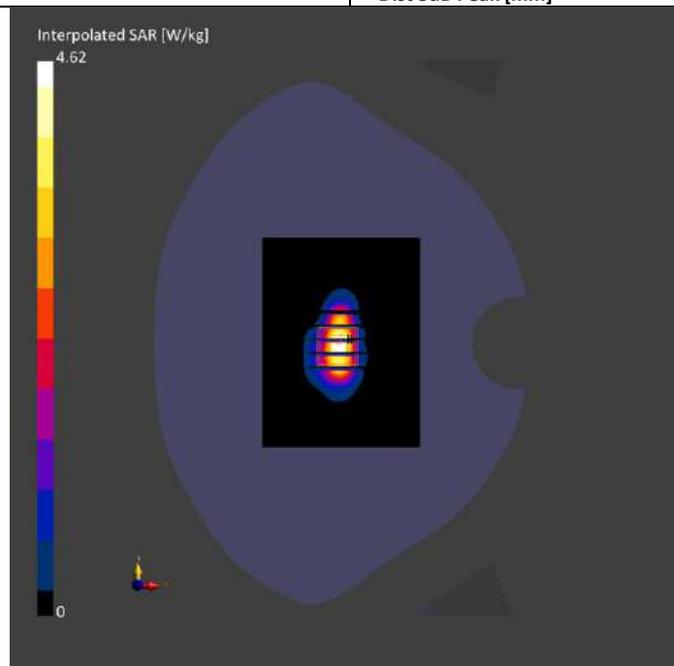
Exposure Conditions

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 n66	5G NR FR1 FDD, 10934-AAC	1757.5, 351500	8.67	1.38	39.3	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 2025-06-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-06-24	2025-06-24	psSAR1g [W/kg]	2.49
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	1.21	1.35	Power Drift [dB]	0.09	-0.01	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		56.6	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		8.4				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.93 Right Head with Cheek on 136100 Channel in NR Band71 mode with Antenna 4

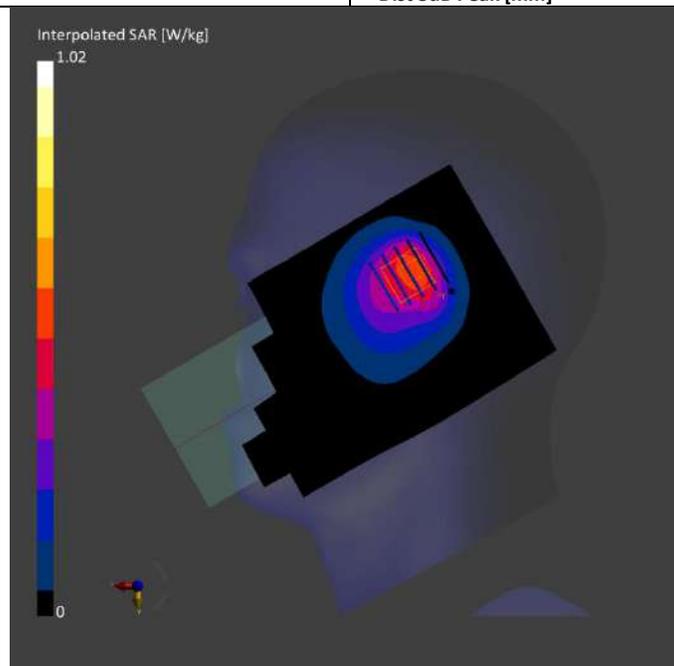
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	10.29	0.864	43.1	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 2025-06-07	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-07	2025-06-07	2025-06-07	psSAR1g [W/kg]
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.329	0.329	0.325	Power Drift [dB]	0.08	-0.01
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Disabled	Scaling Factor [dB]	No correction	No correction
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	No correction	M2/M1 [%]	47.5	47.5
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	9.6	9.6	9.6			
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.94 Body Plane with Back Side 5mm on 136100 Channel in NR Band 71 mode with Antenna 4

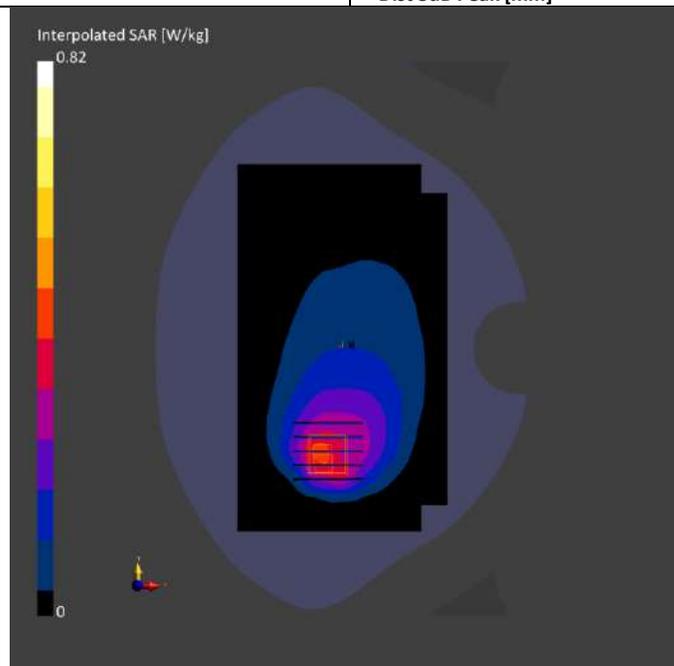
Exposure Conditions

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, 5.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	10.29	0.864	43.1	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 2025-06-07	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-07	2025-06-07	2025-06-07	psSAR1g [W/kg]
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.250	0.234	Power Drift [dB]	-0.02	-0.04	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Graded Grid	Yes	Yes	
Grading Ratio	1.5	1.5	Scaling Factor [dB]	No correction	No correction	Grading Ratio	1.5	1.5	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	MAIA	N/A	N/A	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		45.9	Surface Detection	VMS + 6p	VMS + 6p	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		9.1	Scan Method	Measured	Measured	



BL-SZ2560099-ATD

Meas.95 Body Plane with Back Side 10mm on 136100 Channel in NR Band 71 mode with Antenna 4

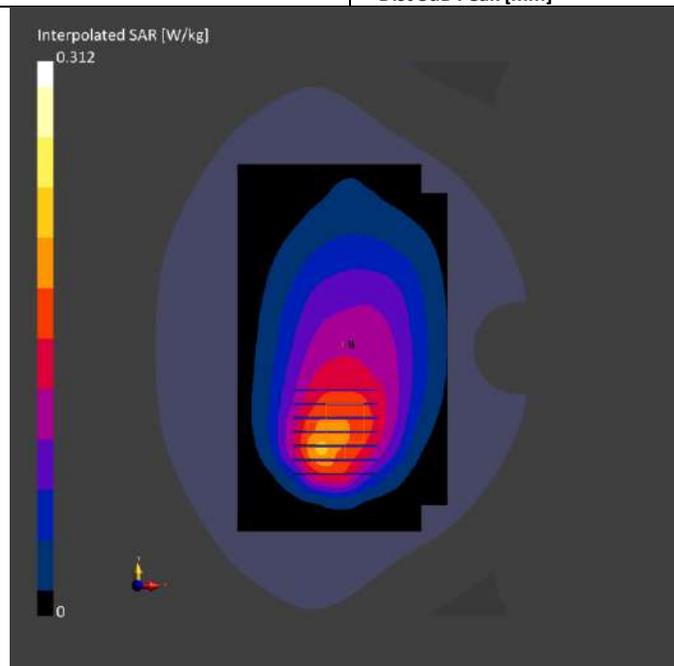
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	10.29	0.864	43.1	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 2025-06-07	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1710, 2025-01-20

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-07	2025-06-07
psSAR1g [W/kg]	0.184	0.184
psSAR10g [W/kg]	0.126	0.126
Power Drift [dB]	0.11	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.0
Dist 3dB Peak [mm]		13.8



BL-SZ2560099-ATD

Meas.96 Right Head with Tilt on 518000 Channel in NR Band38 mode with Antenna 4

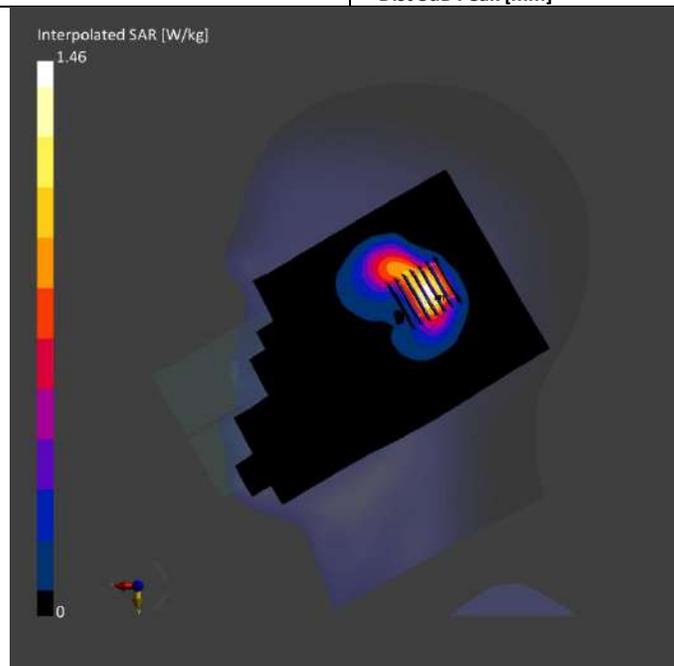
Exposure Conditions

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	TILT, 0.00	Band n38	5G NR FR1 TDD, 10903-AAD	2590.0, 518000	7.06	1.89	40.4	22.5	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 2025-06-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-18	2025-06-18	2025-06-18
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.636	0.636	0.829	0.829	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	0.303	0.303	0.384	0.384	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	0.01	0.01	-0.07	-0.07	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]			59.1	59.1	
				Dist 3dB Peak [mm]			6.1	6.1	



BL-SZ2560099-ATD

Meas.97 Body Plane with Back Side 5mm on 519000 Channel in NR Band 38 mode with Antenna 4

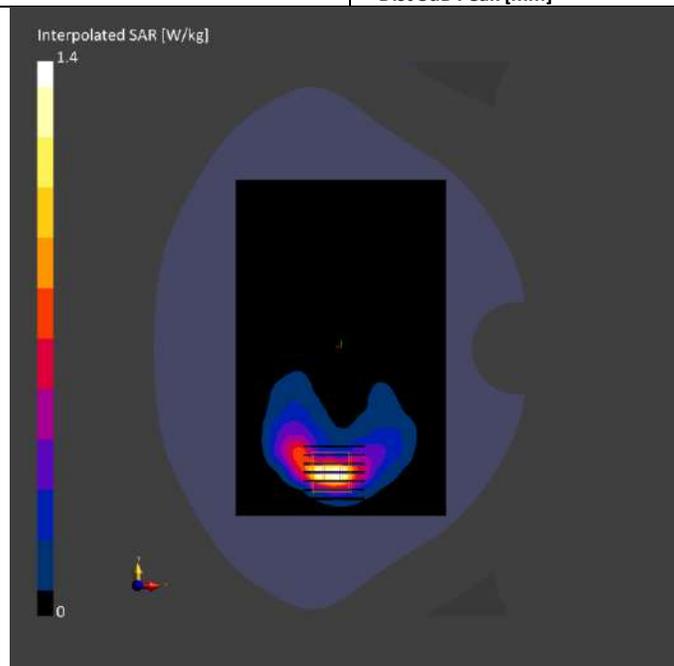
Exposure Conditions

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, 5.00	Band n38	5G NR FR1 TDD, 10903-AAD	2595.0, 519000	7.06	1.90	39.6	22.5	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 2025-06-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-18	2025-06-18	2025-06-18
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.729	0.729	0.805	0.805	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	0.314	0.314	0.384	0.384	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	0.04	0.04	0.15	0.15	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]			60.4	60.4	
				Dist 3dB Peak [mm]			7.1	7.1	



BL-SZ2560099-ATD

Meas.98 Body Plane with Top Edge 10mm on 519000 Channel in NR Band 38 mode with Antenna 4

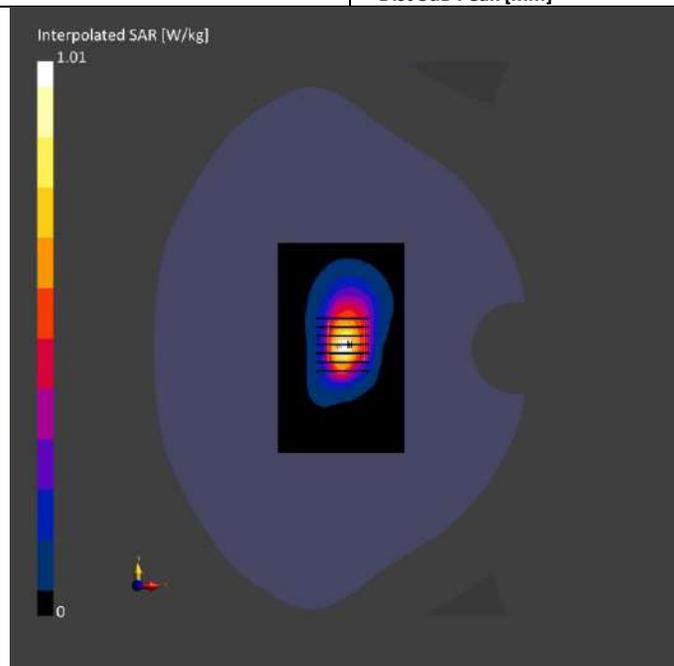
Exposure Conditions

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 n38	5G NR FR1 TDD, 10903-AAD	2595.0, 519000	7.06	1.90	39.6	22.5	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 2025-06-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-18	2025-06-18	2025-06-18
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.491	0.491	0.525	0.525	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	0.226	0.226	0.246	0.246	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	0.08	0.08	-0.08	-0.08	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]			53.4	53.4	
				Dist 3dB Peak [mm]			8.0	8.0	



BL-SZ2560099-ATD

Meas.99 Body Plane with Top Edge 0mm on 519000 Channel in NR Band 38 mode with Antenna 4

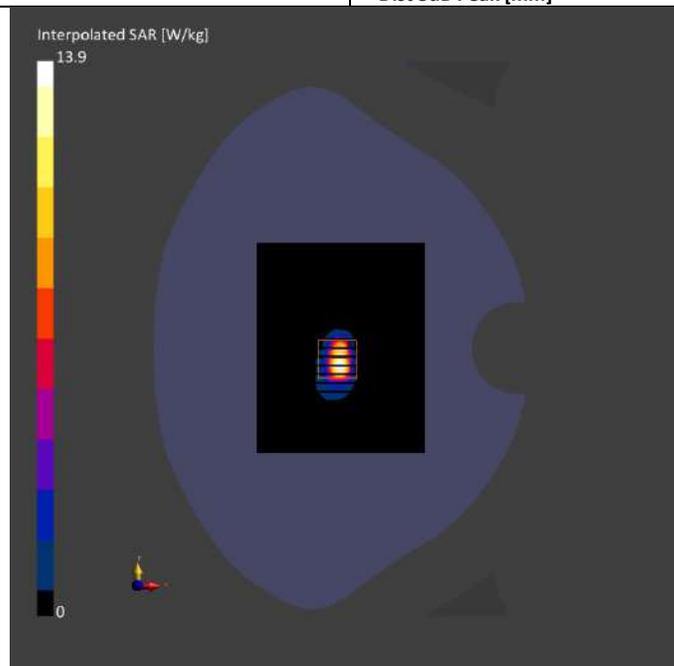
Exposure Conditions

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 n38	5G NR FR1 TDD, 10903-AAD	2595.0, 519000	7.06	1.90	39.6	22.5	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 2025-06-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-18	2025-06-18	2025-06-18
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	4.81	4.81	5.37	5.37	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	1.64	1.64	1.68	1.68	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	-0.02	-0.02	-0.13	-0.13	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]			39.9	39.9	
				Dist 3dB Peak [mm]			5.0	5.0	



BL-SZ2560099-ATD

Meas.100 Right Head with Tilt on 518598 Channel in NR Band41 mode with Antenna 4

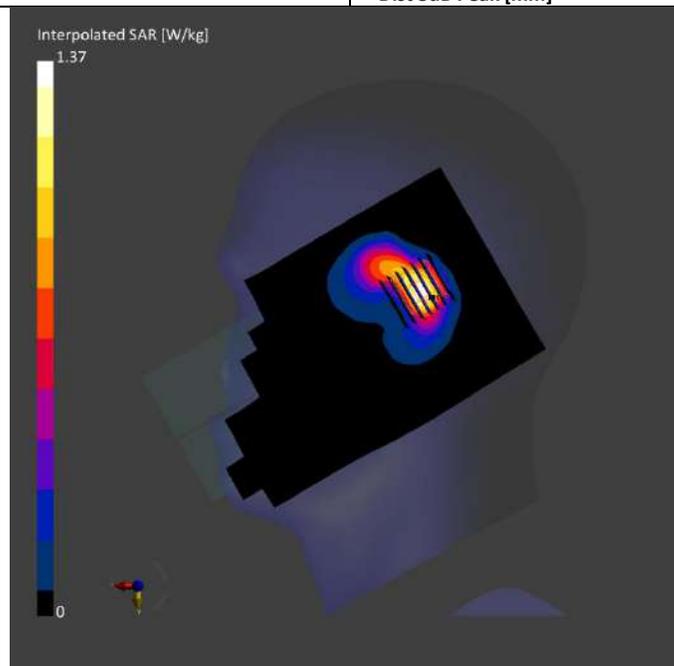
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2593.0, 518598	7.06	1.91	39.6	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0	Date		2025-06-23	2025-06-23	psSAR1g [W/kg]	0.617
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR10g [W/kg]	0.295	0.370	Power Drift [dB]	0.05	-0.07	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		60.4	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		6.3				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.101 Body Plane with Back Side 5mm on 518598 Channel in NR Band 41 mode with Antenna 4

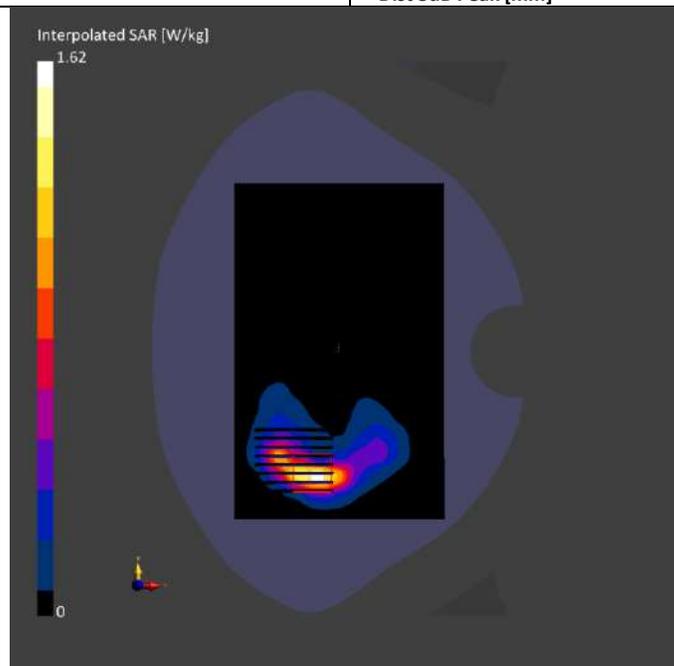
Exposure Conditions

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, 5.00	Band n41	5G NR FR1 TDD, 10866-AAF	2593.0, 518598	7.06	1.91	39.6	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-23	2025-06-23
psSAR1g [W/kg]	0.761	0.831
psSAR10g [W/kg]	0.326	0.355
Power Drift [dB]	-0.04	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.5
Dist 3dB Peak [mm]		6.0



BL-SZ2560099-ATD

Meas.102 Body Plane with Bottom Edge 10mm on 513900 Channel in NR Band 41 mode with Antenna 1

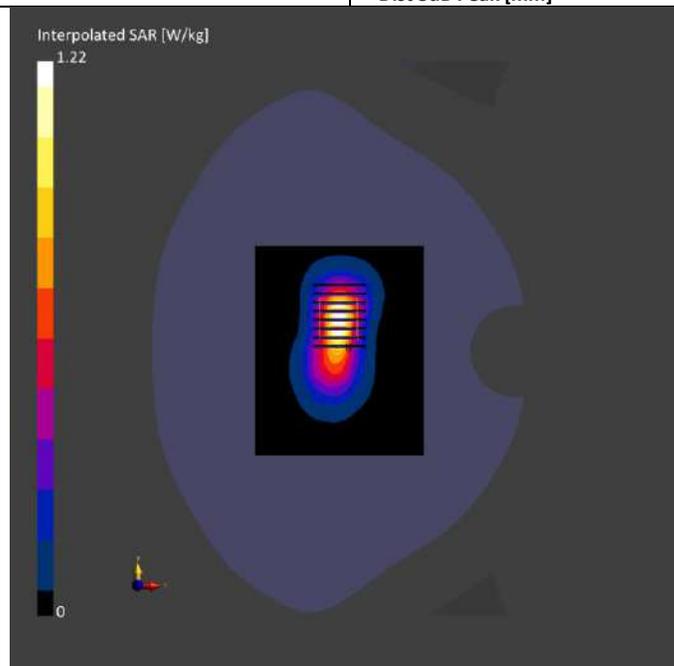
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n41	5G NR FR1 TDD, 10866-AAF	2569.5, 513900	7.06	1.87	39.7	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Grid Steps [mm]		12.0 x 12.0	5.0 x 5.0 x 5.0	Date	2025-06-23
Sensor Surface [mm]	3.0	1.4	psSAR1g [W/kg]	0.629	0.686	psSAR10g [W/kg]	0.294	0.352	
Graded Grid	Yes	Yes	Power Drift [dB]	0.01	-0.09	Power Scaling	Disabled	Disabled	
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
MAIA	N/A	N/A	TSL Correction	No correction	No correction	TSL Correction	No correction	No correction	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		58.1	Dist 3dB Peak [mm]		8.5	
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.103 Body Plane with Top Edge 0mm on 513900 Channel in NR Band 41 mode with Antenna 4

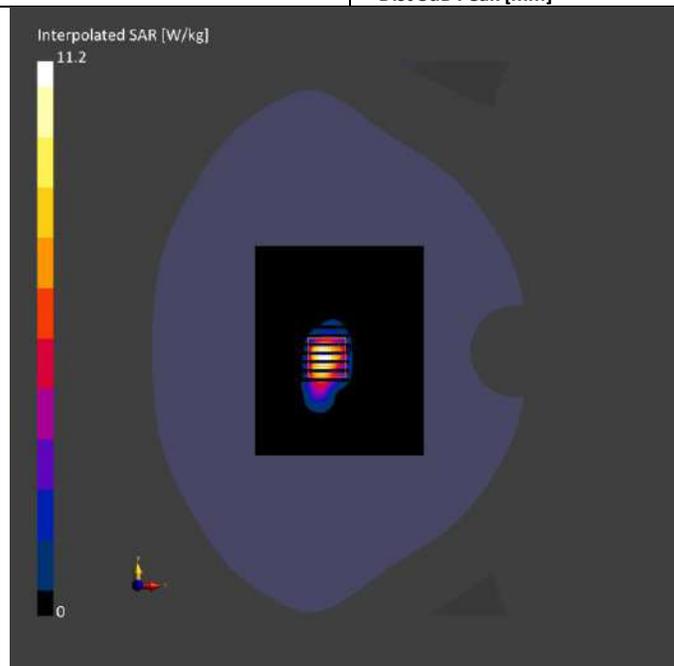
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2569.5, 513900	7.06	1.87	39.7	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-23	2025-06-23	2025-06-23
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	3.16	5.20	3.16	5.20	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	1.31	1.89	1.31	1.89	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	-0.07	0.03	-0.07	0.03	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]		50.7		50.7	
				Dist 3dB Peak [mm]		5.0		5.0	



BL-SZ2560099-ATD

Meas.104 Left Head with Tilt on 641666 Channel in NR Band48 mode with Antenna 5

Date: 2025.06.18

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

Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 2.91$ S/m; $\epsilon_r = 38.226$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.943 W/kg

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

Reference Value = 16.85 V/m; Power Drift = -0.19 dB

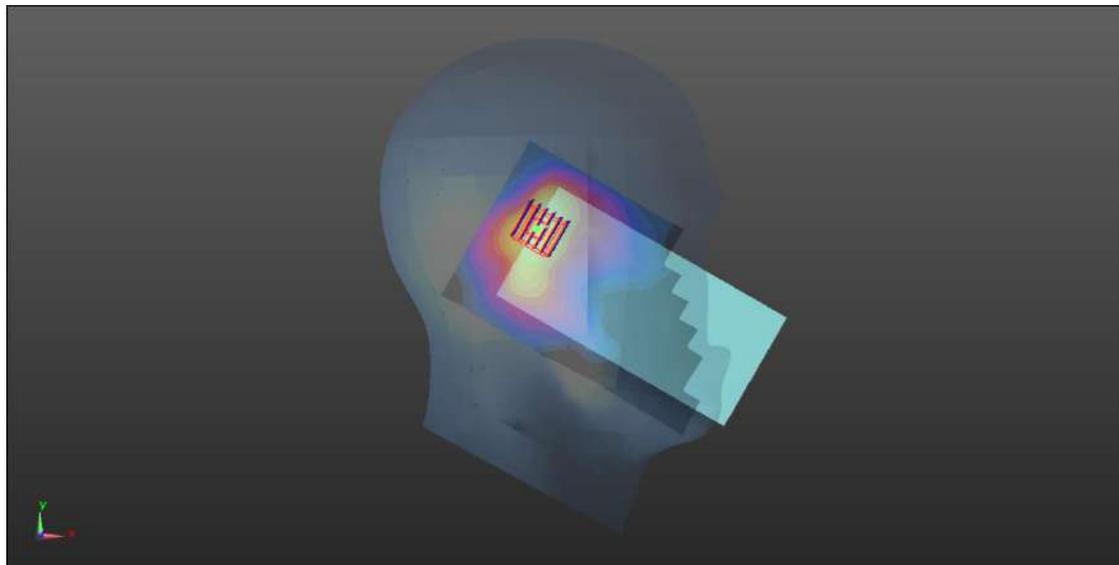
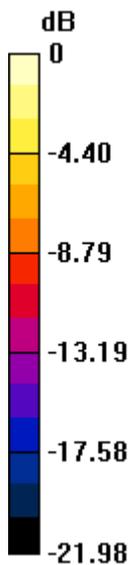
Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.324 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 0.937 W/kg

BL-SZ2560099-ATD

Meas.105 Body Plane with Back Side 5 mm on 640000 Channel in NR Band48 mode with Antenna 3

Date: 2025.06.18

Communication System Band: N48; Frequency: 3600 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3600$ MHz; $\sigma = 2.996$ S/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

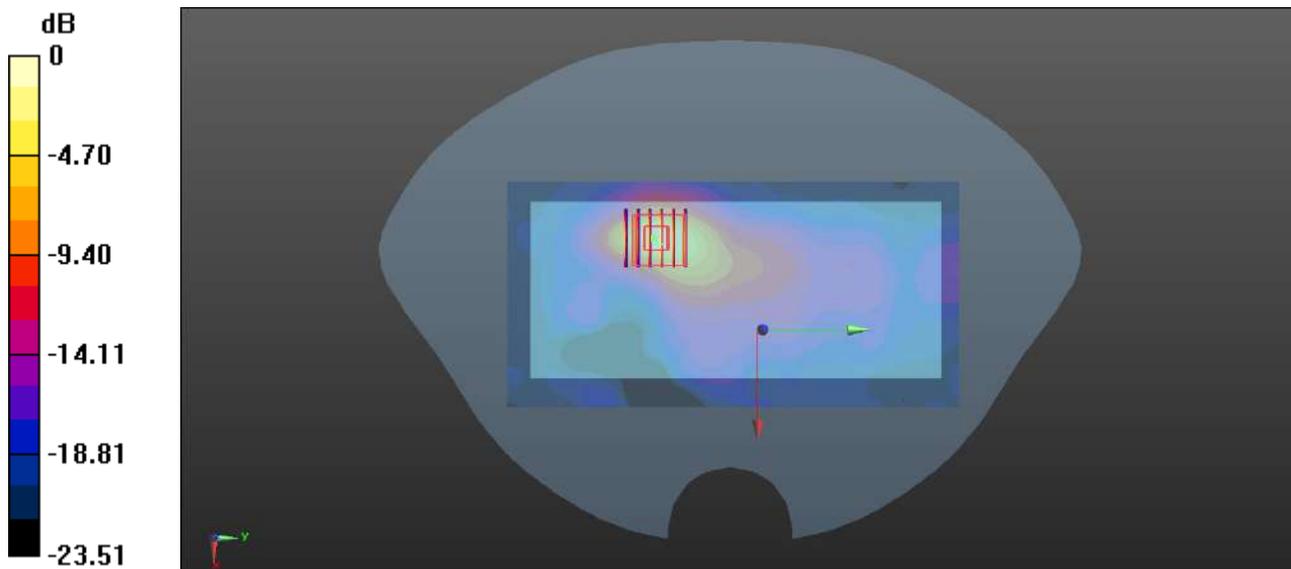
Ambient Temperature: 22.1°C Liquid Temperature: 21.2°C

DASY5 Configuration:

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

Ch640000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.04 W/kg

Ch640000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 5.131 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.297 W/kg
 Smallest distance from peaks to all points 3 dB below = 6.1 mm
 Ratio of SAR at M2 to SAR at M1 = 52.3%
 Maximum value of SAR (measured) = 0.953 W/kg



0 dB = 0.953 W/kg

BL-SZ2560099-ATD
 Meas.106 Body Plane with Back Side 10 mm on 64000 Channel in NR Band48 mode with Antenna 5

Date: 2025.06.18
 Communication System Band: N48; Frequency: 3600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3600$ MHz; $\sigma = 2.996$ S/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

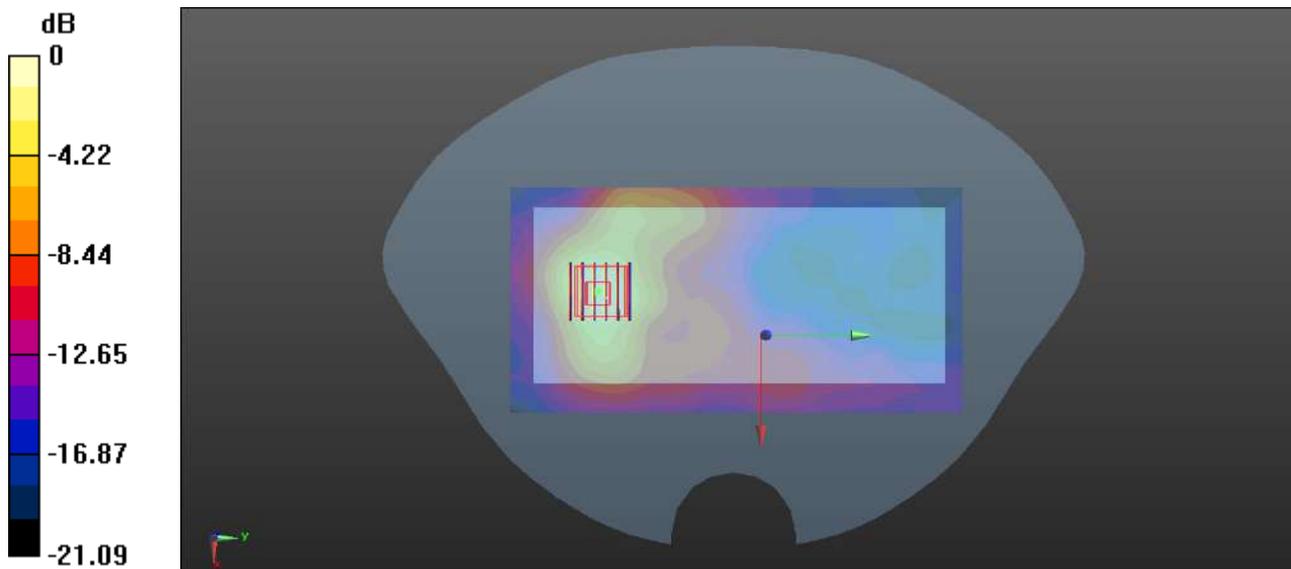
Ambient Temperature: 22.1°C Liquid Temperature: 21.2°C

DASY5 Configuration:

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

Ch640000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.545 W/kg

Ch640000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 3.275 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.974 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.200 W/kg
 Smallest distance from peaks to all points 3 dB below = 11 mm
 Ratio of SAR at M2 to SAR at M1 = 51.3%
 Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492 W/kg

BL-SZ2560099-ATD

Meas.107 Left Head with Cheek on 633334 Channel in NR Band77 mode with Antenna 5

Date: 2025.06.12

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

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.983$ S/m; $\epsilon_r = 37.316$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.982 W/kg

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

Reference Value = 16.98 V/m; Power Drift = -0.11 dB

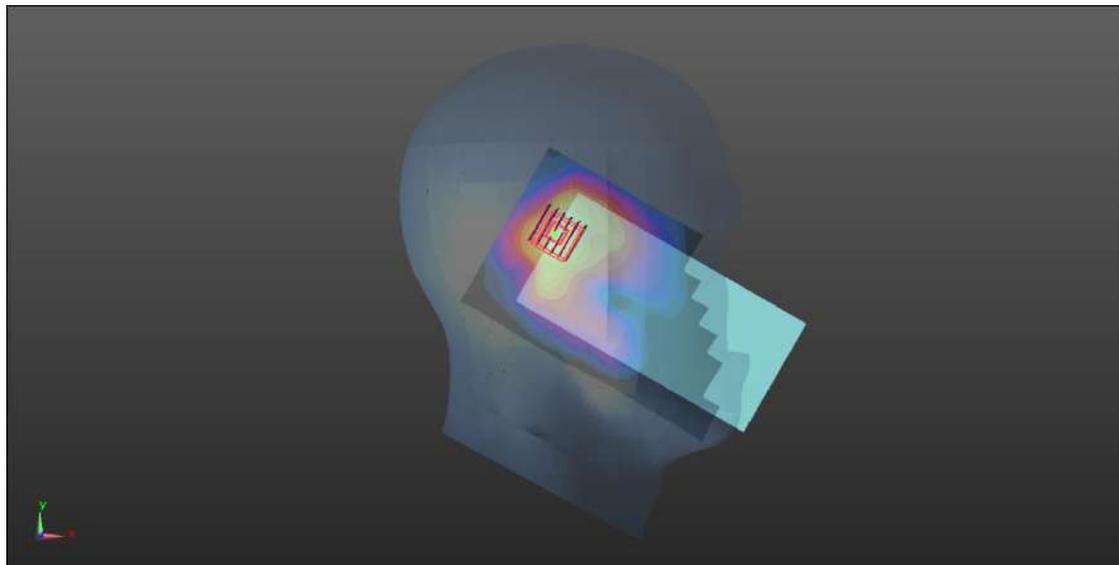
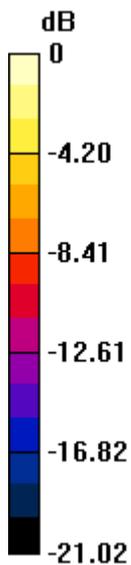
Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.349 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 0.978 W/kg



0 dB = 0.978 W/kg

BL-SZ2560099-ATD
Meas.108 Body Plane with Back Side 5 mm on 633334 Channel in NR Band77 mode with Antenna 5

Date: 2025.06.12
 Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.983$ S/m; $\epsilon_r = 37.316$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

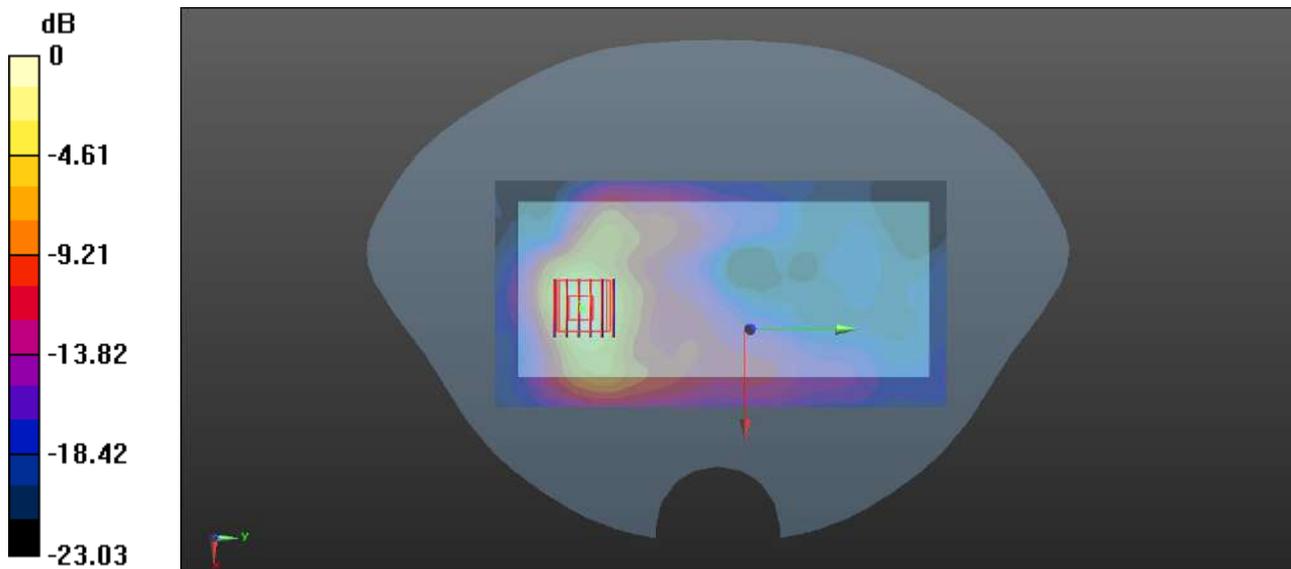
Ambient Temperature: 22.3°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.14 (7501)

Ch633334/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.05 W/kg

Ch633334/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 2.375 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.352 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.9 mm
 Ratio of SAR at M2 to SAR at M1 = 54.9%
 Maximum value of SAR (measured) = 0.953 W/kg



0 dB = 0.953 W/kg

BL-SZ2560099-ATD

Meas.109 Body Plane with Back Side 10 mm on 633334 Channel in NR Band77 mode with Antenna 5

Date: 2025.06.12

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

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.983$ S/m; $\epsilon_r = 37.316$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.26, 6.26, 6.26); Calibrated: 2025.04.24;
- Sensor-Surface: Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2025.04.21
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.14 (7501)

Ch633334/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

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

Reference Value = 2.826 V/m; Power Drift = -0.06 dB

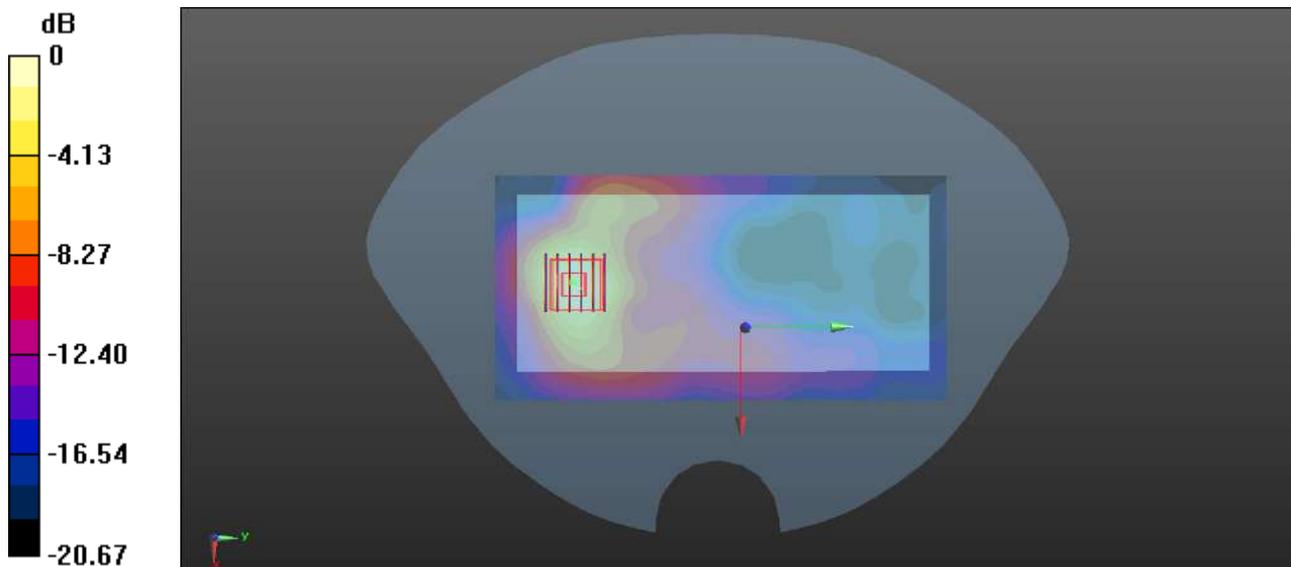
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.277 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg

BL-SZ2560099-ATD

Meas.110 Left Head with Cheek on 650000 Channel in NR Band77 mode with Antenna 5

Date: 2025.06.21

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

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.13$ S/m; $\epsilon_r = 37.447$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.4°C

DASY5 Configuration:

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

Ch650000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.890 W/kg

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

Reference Value = 15.01 V/m; Power Drift = -0.09 dB

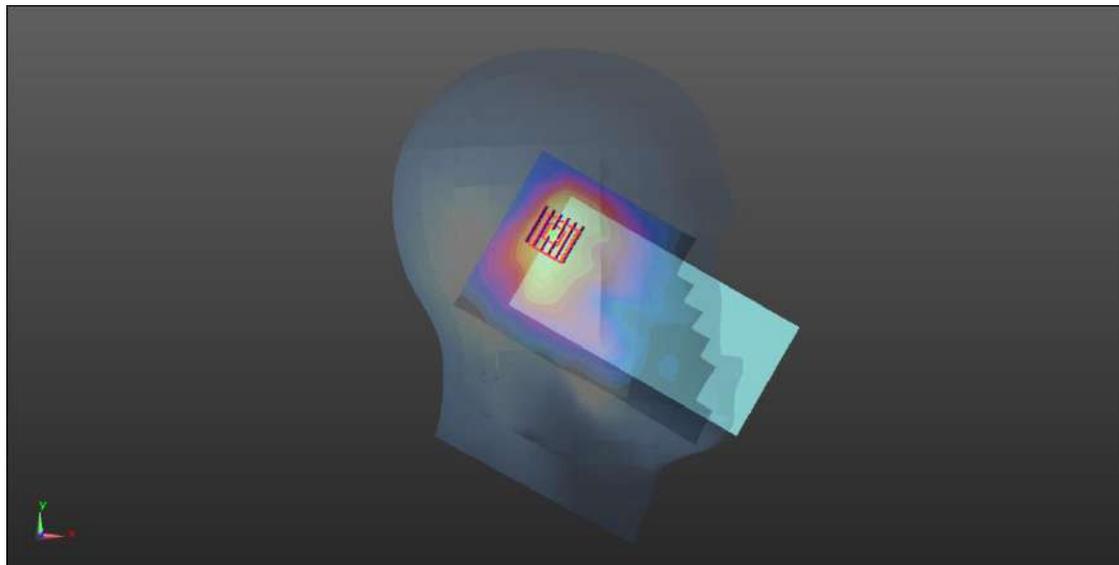
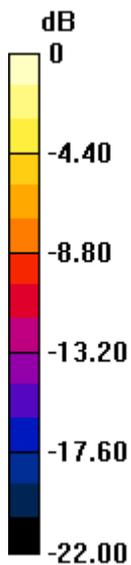
Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.316 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 45.5%

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg

BL-SZ2560099-ATD

Meas.111 Body Plane with Back Side 5 mm on 656000 Channel in NR Band77 mode with Antenna 7

Date: 2025.06.24

Communication System Band: N77; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3840$ MHz; $\sigma = 3.152$ S/m; $\epsilon_r = 37.908$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

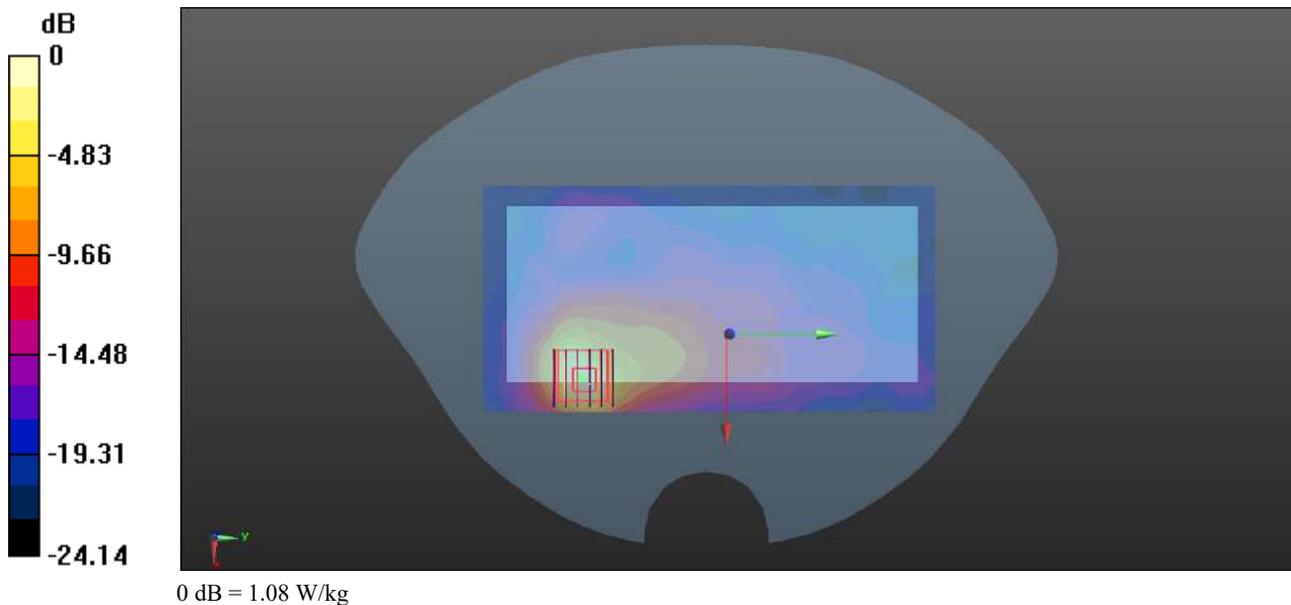
Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

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

Ch656000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch656000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 3.444 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.319 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 45.8%
Maximum value of SAR (measured) = 1.08 W/kg



BL-SZ2560099-ATD

Meas.112 Body Plane with Back Side 10 mm on 662000 Channel in NR Band77 mode with Antenna 7

Date: 2025.06.24

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

Medium parameters used: $f = 3930$ MHz; $\sigma = 3.297$ S/m; $\epsilon_r = 37.666$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

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

Ch662000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.712 W/kg

Ch662000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.646 V/m; Power Drift = 0.14 dB

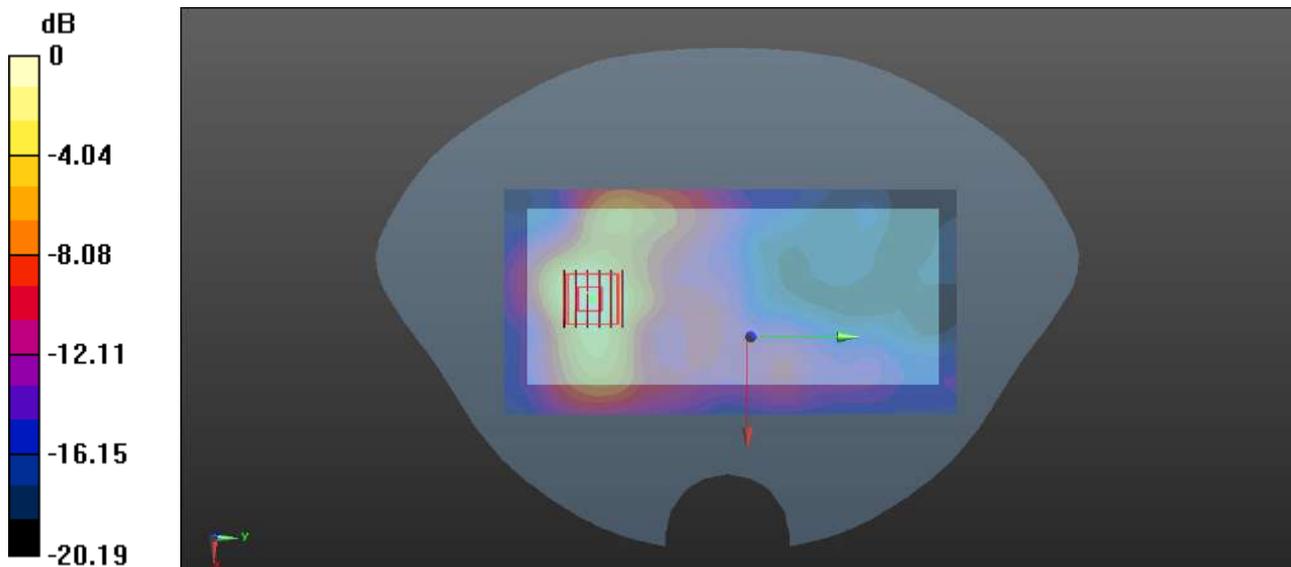
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.269 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

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

Maximum value of SAR (measured) = 0.686 W/kg



0 dB = 0.686 W/kg

BL-SZ2560099-ATD

Meas.113 Left Head with Tilt on 633334 Channel in NR Band78 mode with Antenna 5

Date: 2025.06.13

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

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.97$ S/m; $\epsilon_r = 37.145$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.873 W/kg

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

Reference Value = 16.08 V/m; Power Drift = -0.12 dB

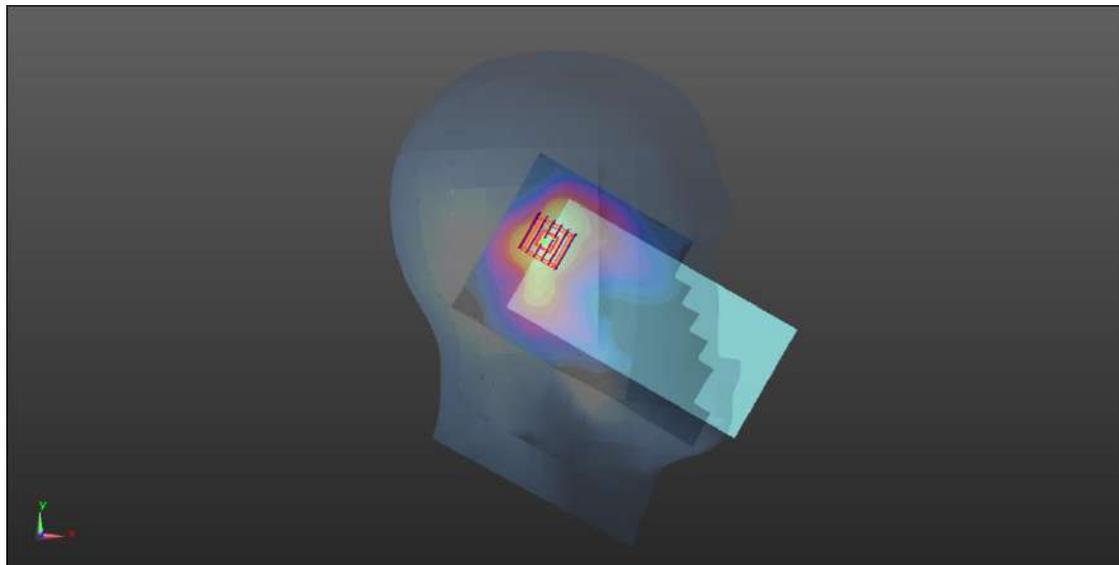
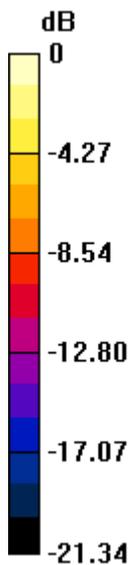
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.294 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.9%

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



0 dB = 0.855 W/kg

BL-SZ2560099-ATD

Meas.114 Body Plane with Back Side 5 mm on 633334 Channel in NR Band78 mode with Antenna 3

Date: 2025.06.13

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

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.97$ S/m; $\epsilon_r = 37.145$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

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

Ch633334/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.946 W/kg

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

Reference Value = 5.378 V/m; Power Drift = 0.13 dB

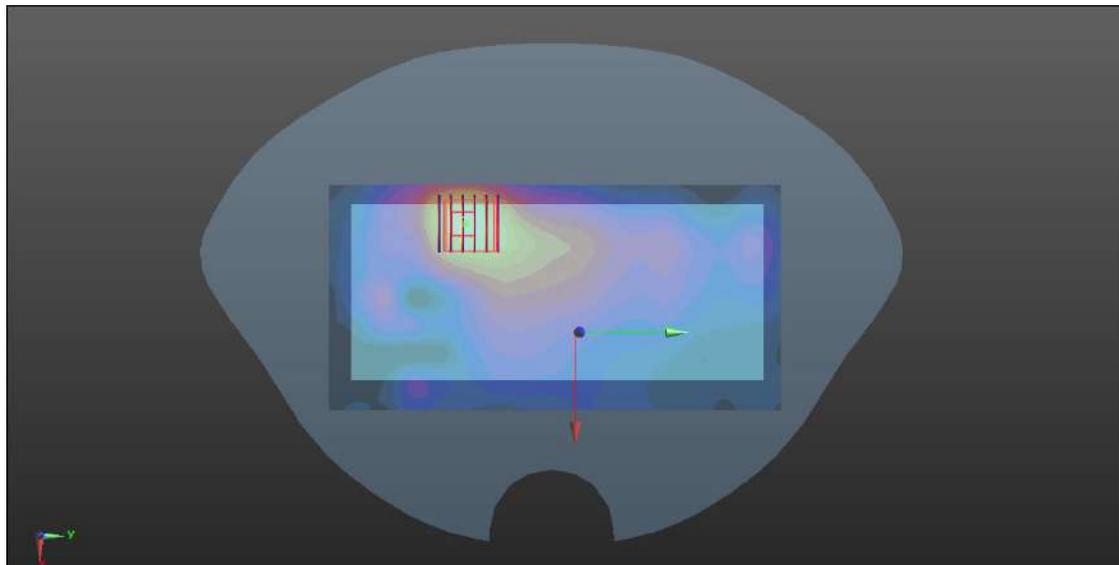
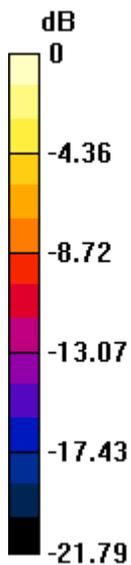
Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.313 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 0.955 W/kg



0 dB = 0.955 W/kg

BL-SZ2560099-ATD
Meas.115 Body Plane with Back Side 10 mm on 633334 Channel in NR Band78 mode with Antenna 5

Date: 2025.06.13
 Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.97$ S/m; $\epsilon_r = 37.145$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

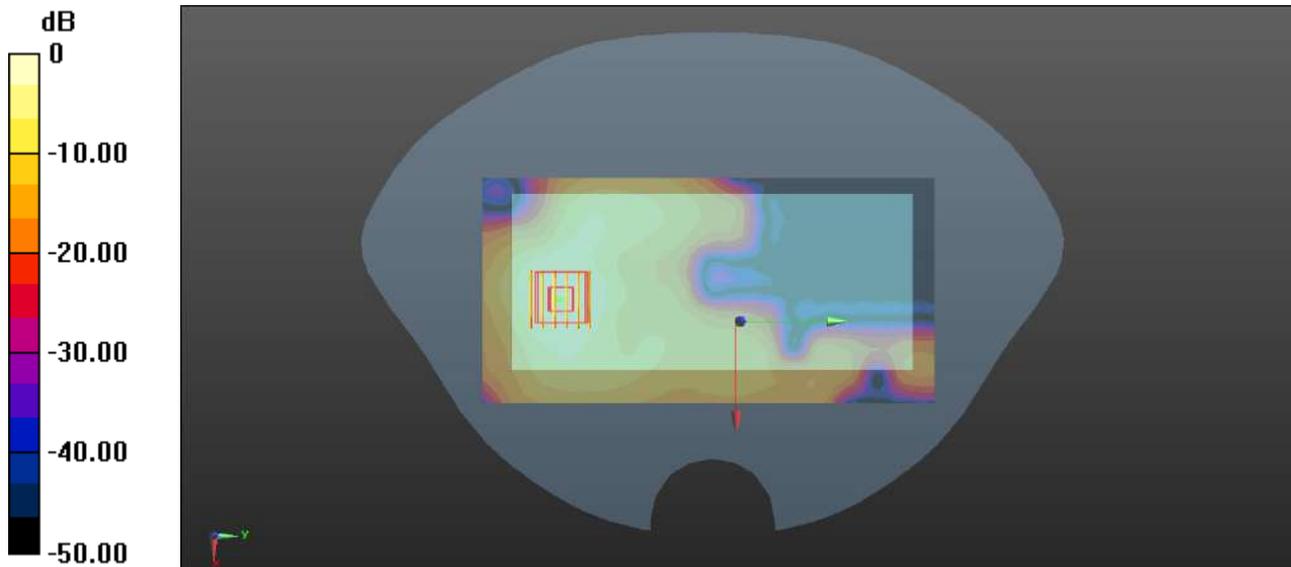
Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

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

Ch633334/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.485 W/kg

Ch633334/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 0.8570 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.180 W/kg
 Smallest distance from peaks to all points 3 dB below = 10.6 mm
 Ratio of SAR at M2 to SAR at M1 = 51%
 Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.470 W/kg

BL-SZ2560099-ATD

Meas.116 Left Head with Cheek on 650000 Channel in NR Band78 mode with Antenna 7

Date: 2025.06.23

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

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 37.647$; $\rho = 1000$ kg/m³

Phantom section: Left Section

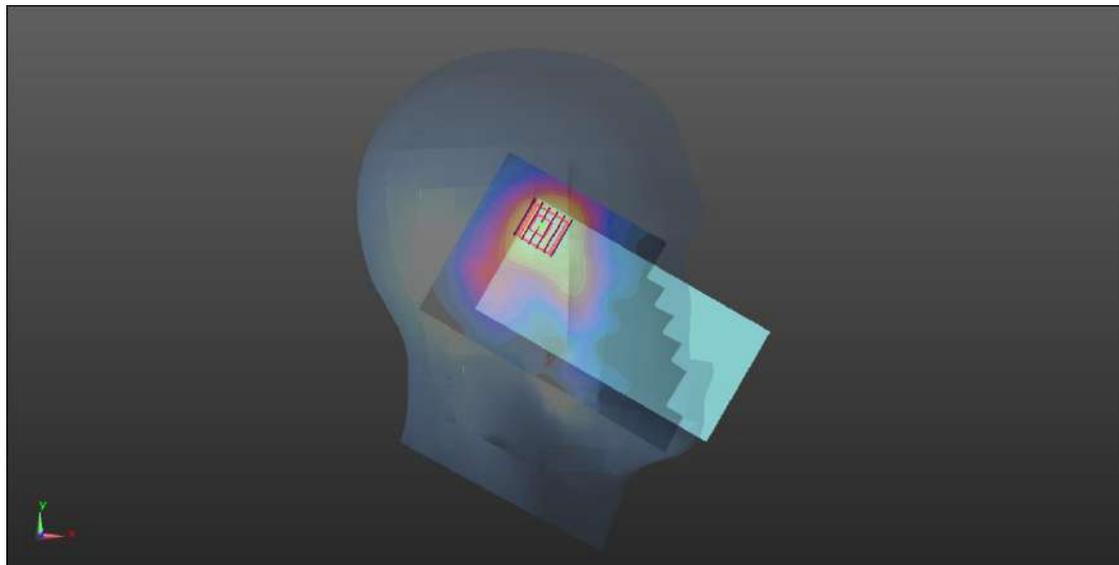
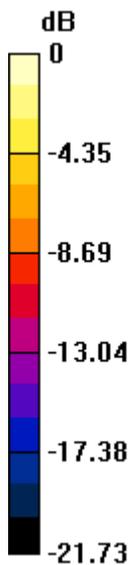
Ambient Temperature: 22.2°C Liquid Temperature: 21.4°C

DASY5 Configuration:

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

Ch650000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.08 W/kg

Ch650000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 6.814 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.325 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.1 mm
 Ratio of SAR at M2 to SAR at M1 = 50.6%
 Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg

BL-SZ2560099-ATD

Meas.117 Body Plane with Back Side 5 mm on 650000 Channel in NR Band78 mode with Antenna 7

Date: 2025.06.23

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

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 37.647$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

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

Ch650000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.978 W/kg

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

Reference Value = 3.512 V/m; Power Drift = -0.08 dB

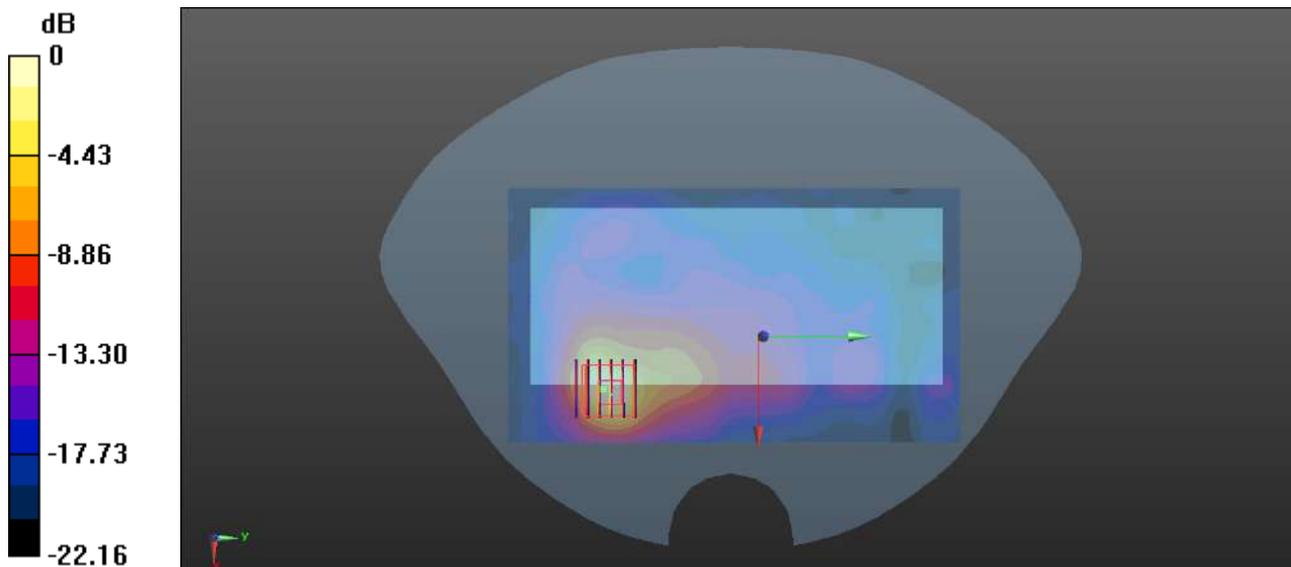
Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.301 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47%

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



0 dB = 1.05 W/kg

BL-SZ2560099-ATD

Meas.118 Body Plane with Back Side 10 mm on 65000 Channel in NR Band78 mode with Antenna 7

Date: 2025.06.23

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

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 37.647$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.428 W/kg

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

Reference Value = 1.271 V/m; Power Drift = 0.05 dB

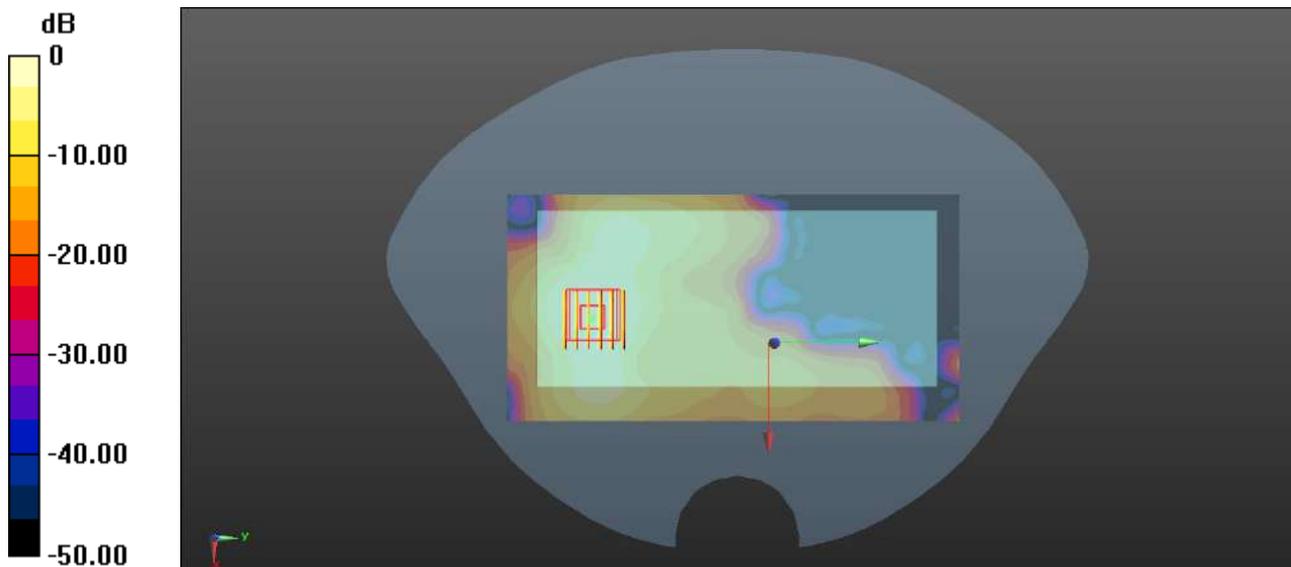
Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.161 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.420 W/kg

BL-SZ2560099-ATD

Meas.119 Left Head with Cheek on 1 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.06.06

Communication System Band: 2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.005

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.724$ S/m; $\epsilon_r = 40.383$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.387 W/kg

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

Reference Value = 5.955 V/m; Power Drift = -0.07 dB

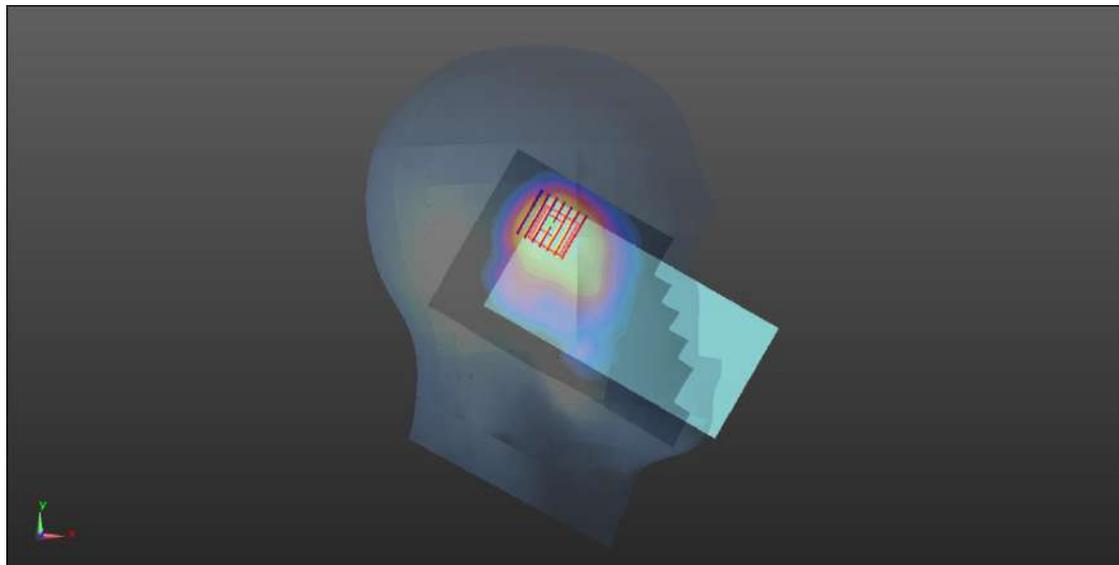
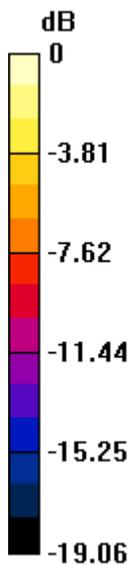
Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.173 W/kg

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

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



0 dB = 0.333 W/kg

BL-SZ2560099-ATD

Meas.120 Body Plane with Back Side 5mm on 11 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.07.30

Communication System Band: 2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.005

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.042$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°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 (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.426 W/kg

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

Reference Value = 5.104 V/m; Power Drift = 0.01 dB

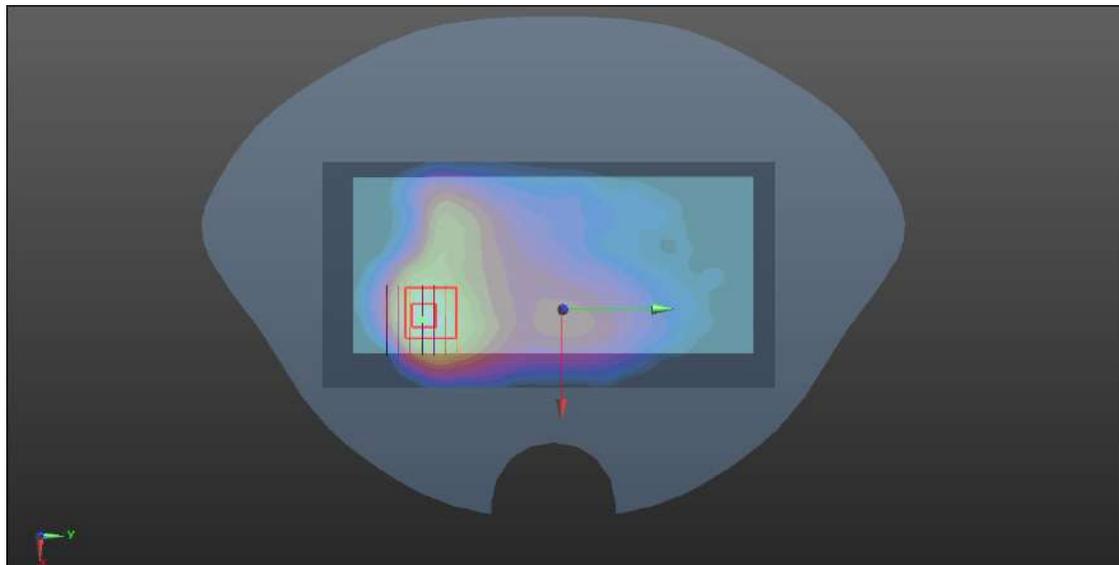
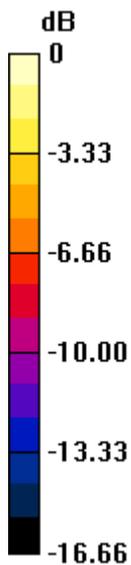
Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.185 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg

BL-SZ2560099-ATD

Meas.121 Body Plane with Back Side 10mm on 11 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.07.30

Communication System Band: 2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.005

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.042$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°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 (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.162 W/kg

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

Reference Value = 3.366 V/m; Power Drift = 0.10 dB

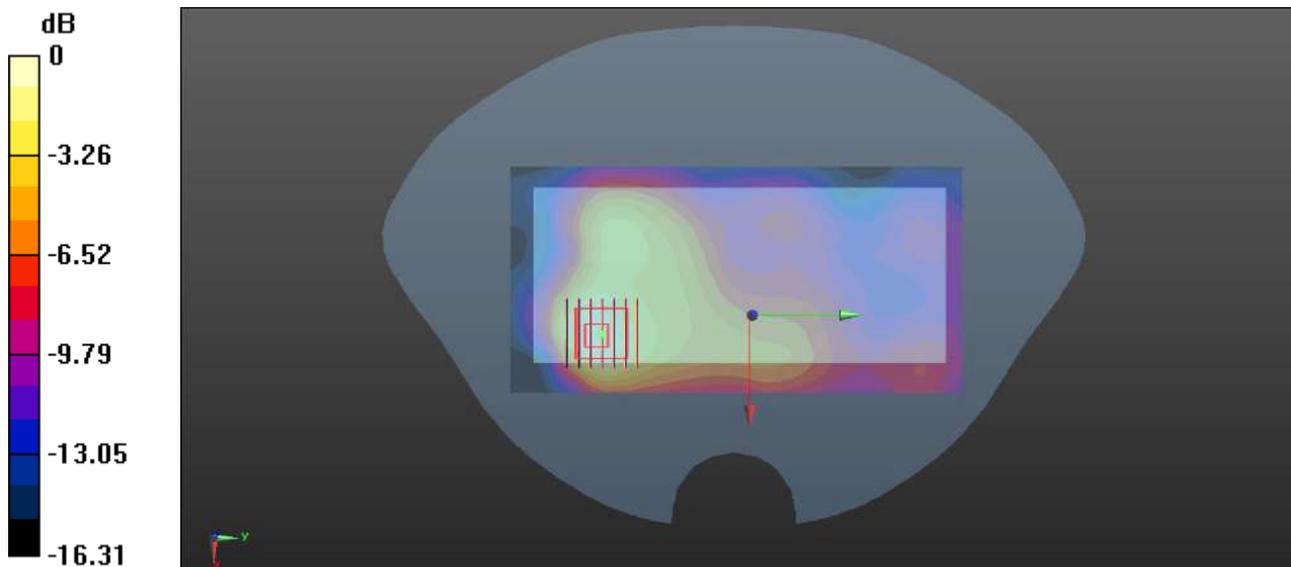
Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.074 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg

BL-SZ2560099-ATD

Meas.122 Body Plane with Top Edge 0mm on 11 Channel in IEEE802.11b mode with Antenna 6

Date: 2025.07.30

Communication System Band: 2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.005

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.042$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°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) = 1.49 W/kg

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

Reference Value = 10.08 V/m; Power Drift = -0.04 dB

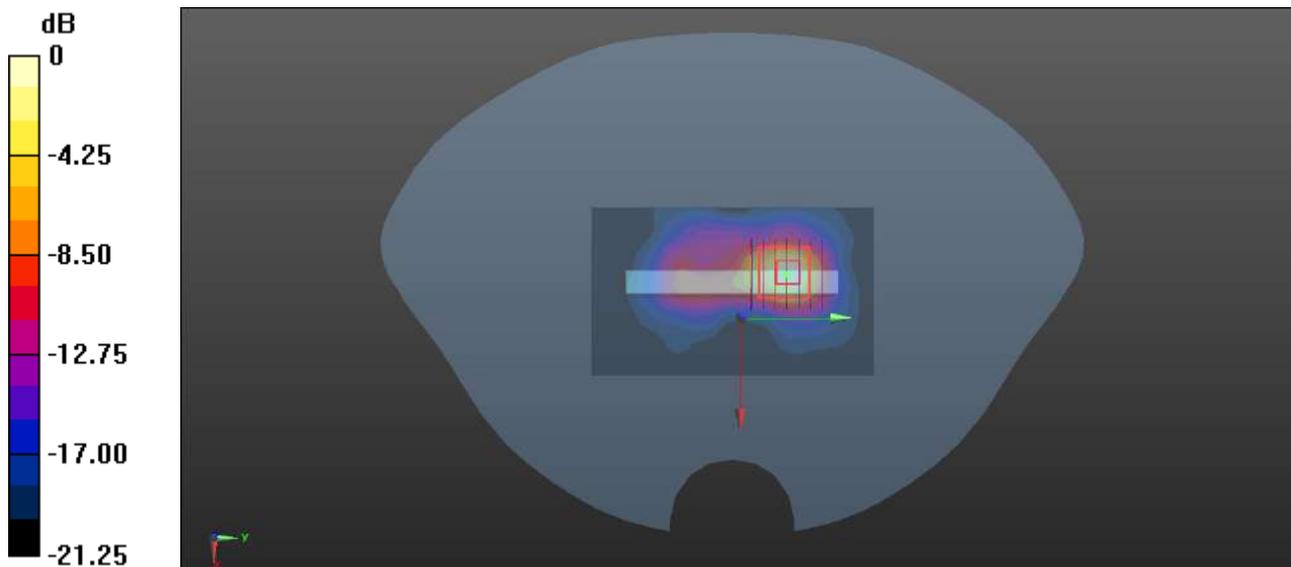
Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.389 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.9%

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg

BL-SZ2560099-ATD

Meas.123 Left Head with Tilt on 54 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.25

Communication System Band: 5.3G; Frequency: 5270 MHz; Duty Cycle: 1:1.055

Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 4.697$ S/m; $\epsilon_r = 34.934$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.2°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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch54/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.365 W/kg

Ch54/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.446 V/m; Power Drift = 0.02 dB

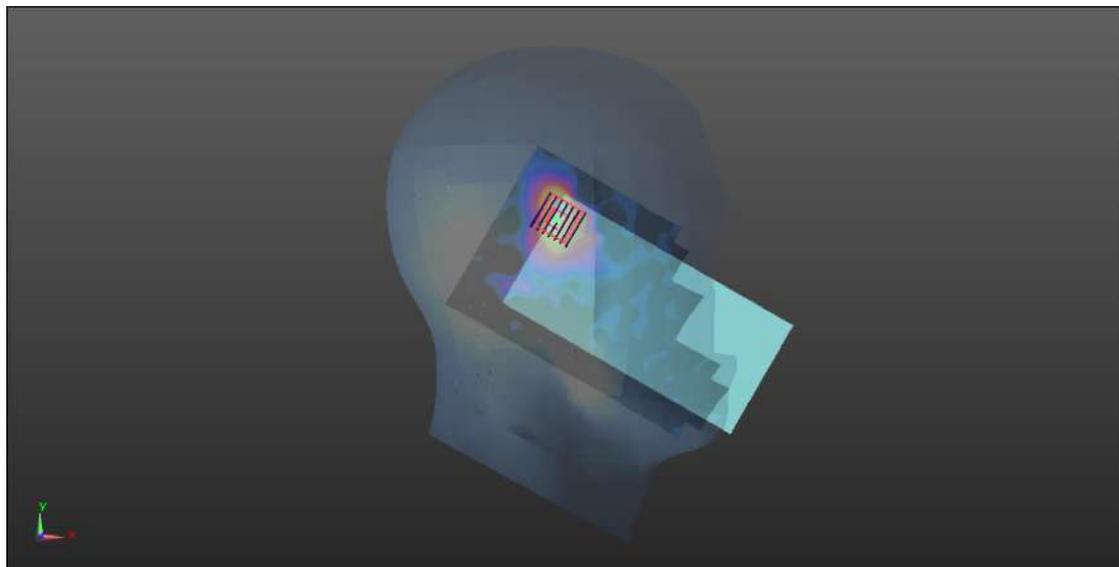
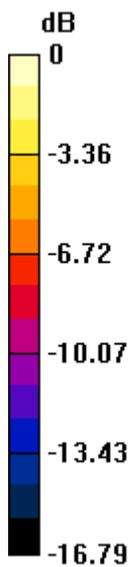
Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.066 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg

BL-SZ2560099-ATD

Meas.124 Left Head with Tilt on 118 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.26

Communication System Band: 5.6G; Frequency: 5590 MHz; Duty Cycle: 1:1.055

Medium parameters used (interpolated): $f = 5590$ MHz; $\sigma = 5.041$ S/m; $\epsilon_r = 36.106$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.3°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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch118/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.387 W/kg

Ch118/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.071 V/m; Power Drift = 0.09 dB

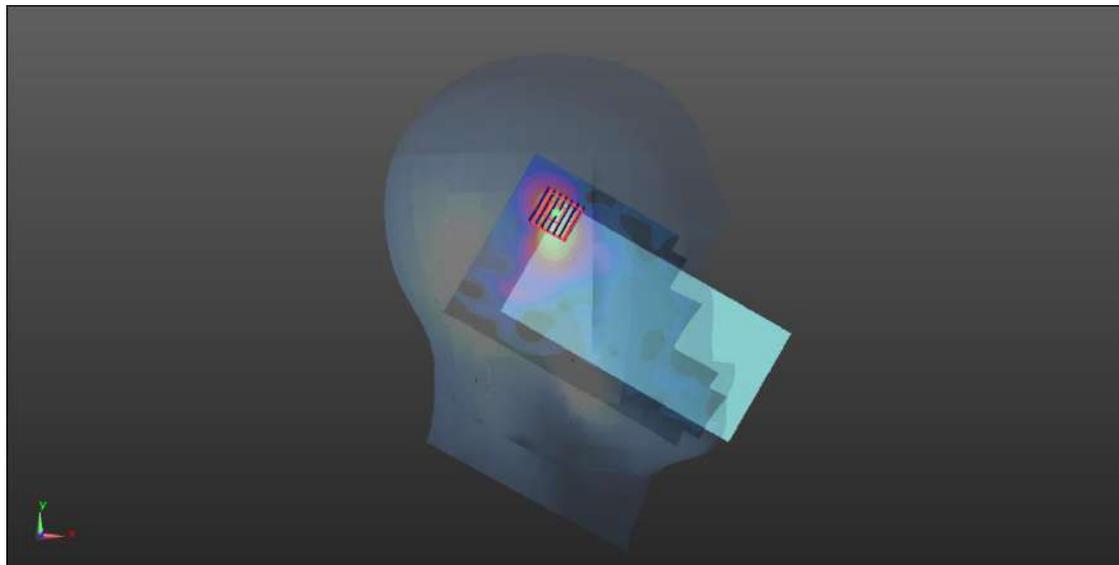
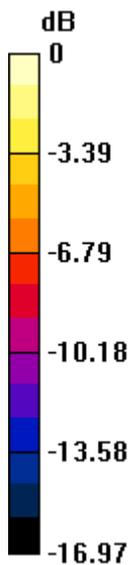
Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.433 W/kg

BL-SZ2560099-ATD

Meas.125 Left Head with Tilt on 159 Channel in IEEE802.11n40 mode with Antenna 6

Date: 2025.06.27

Communication System Band: 5.8G; Frequency: 5795 MHz; Duty Cycle: 1:1.055

Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.343$ S/m; $\epsilon_r = 34.943$; $\rho = 1000$ 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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.340 W/kg

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

Reference Value = 1.973 V/m; Power Drift = 1.60 dB

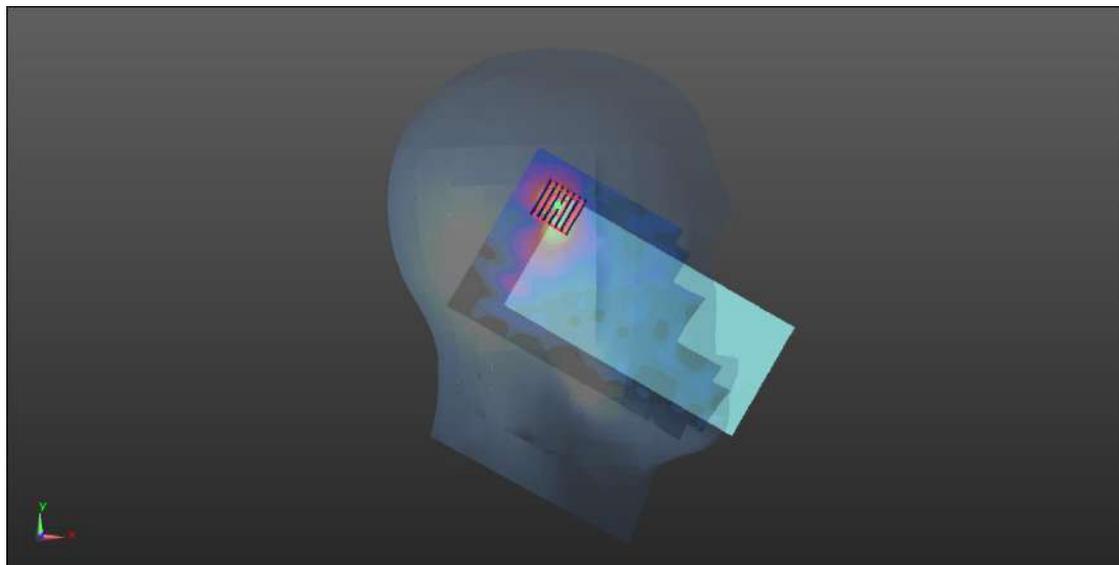
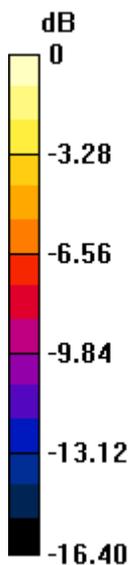
Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.014 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg

BL-SZ2560099-ATD
 Meas.126 Body Plane with Back Side 5mm on 58 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.25
 Communication System Band: 5.3G; Frequency: 5290 MHz; Duty Cycle: 1:1.142
 Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.794$ S/m; $\epsilon_r = 34.859$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

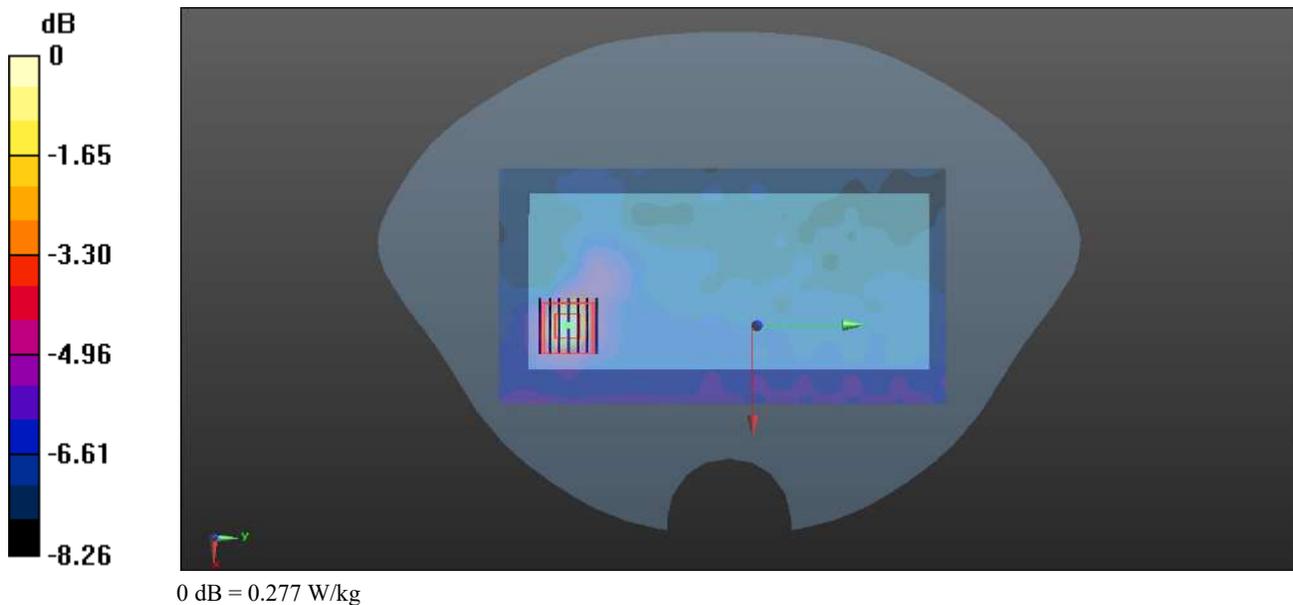
Ambient Temperature: 22.2°C Liquid Temperature: 21.2°C

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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.307 W/kg

Ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 3.851 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.081 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.5 mm
 Ratio of SAR at M2 to SAR at M1 = 64.6%
 Maximum value of SAR (measured) = 0.277 W/kg



BL-SZ2560099-ATD

Meas.127 Body Plane with Back Side 5mm on 106 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.26

Communication System Band: 5.6G; Frequency: 5530 MHz; Duty Cycle: 1:1.142

Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.007$ S/m; $\epsilon_r = 36.193$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.16, 5.16, 5.16); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch106/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

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

Reference Value = 1.400 V/m; Power Drift = 0.02 dB

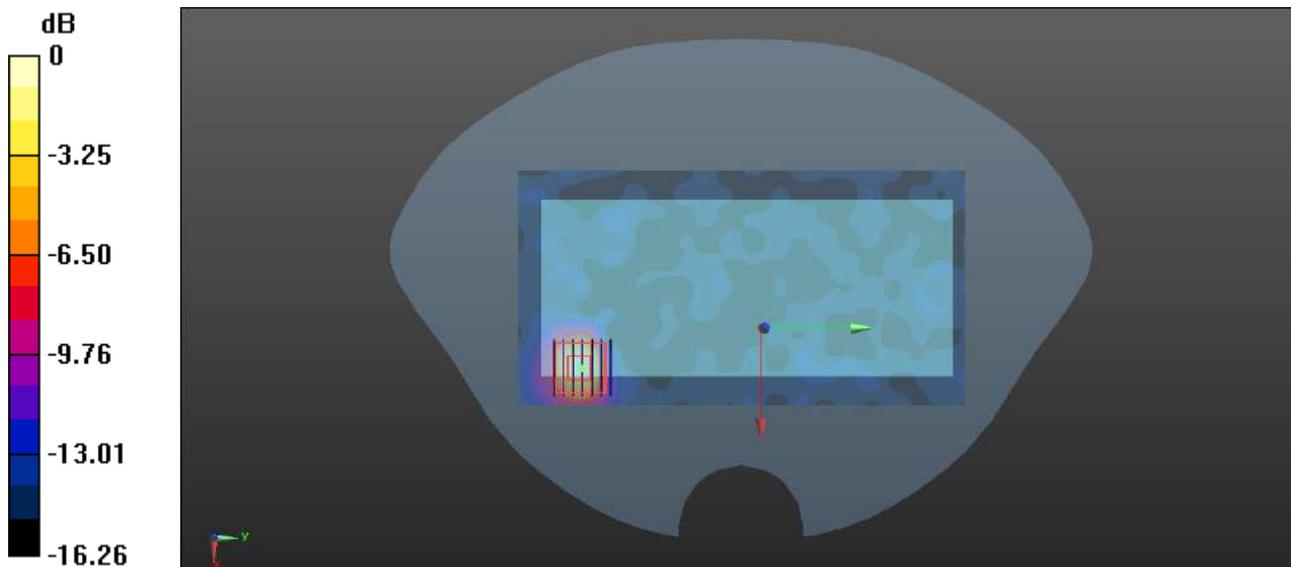
Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.056 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

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

Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg

BL-SZ2560099-ATD

Meas.128 Body Plane with Back Side 5mm on 155 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.27

Communication System Band: 5.8G; Frequency: 5775 MHz; Duty Cycle: 1:1.142

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.276$ S/m; $\epsilon_r = 35.503$; $\rho = 1000$ 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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.253 W/kg

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

Reference Value = 1.484 V/m; Power Drift = 0.06 dB

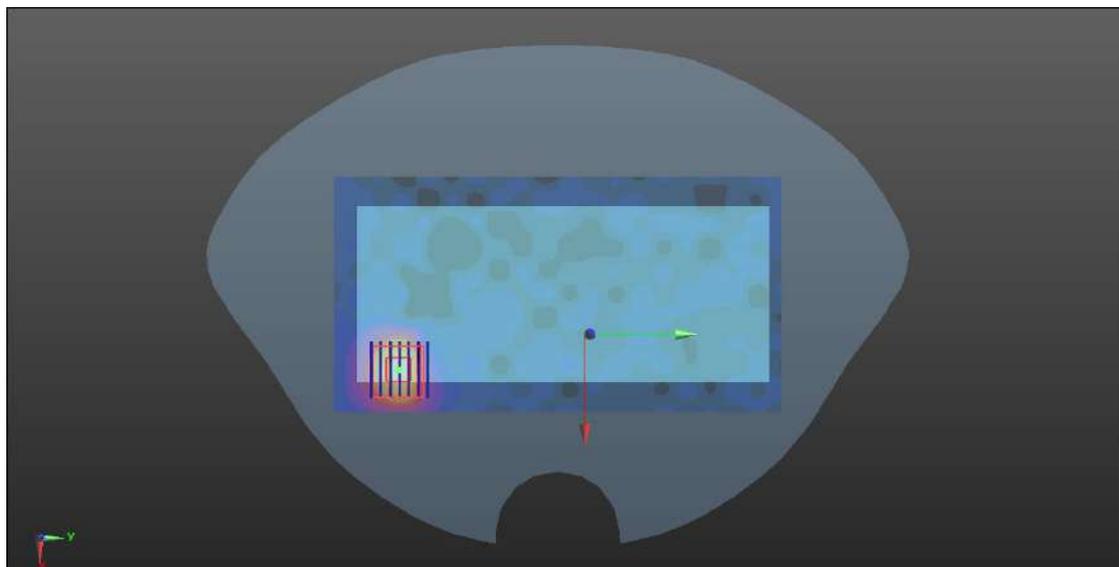
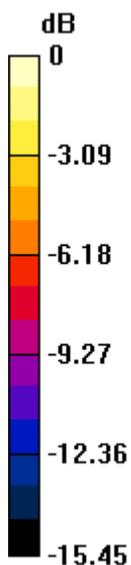
Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.044 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg

BL-SZ2560099-ATD

Meas.129 Body Plane with Back Side 10mm on 42 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.25

Communication System Band: 5.2G; Frequency: 5210 MHz; Duty Cycle: 1:1.142

Medium parameters used (interpolated): $f = 5210$ MHz; $\sigma = 4.74$ S/m; $\epsilon_r = 35.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.2°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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch42/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0486 W/kg

Ch42/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

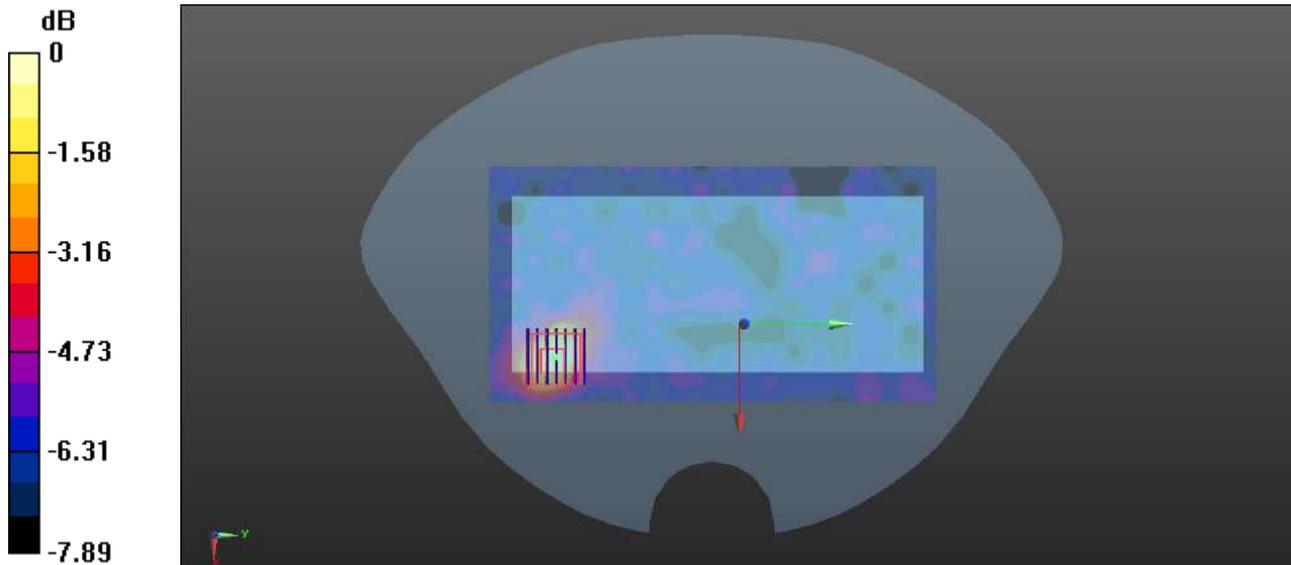
Reference Value = 1.397 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.017 W/kg

Ratio of SAR at M2 to SAR at M1 = 68.6%

Maximum value of SAR (measured) = 0.0463 W/kg



0 dB = 0.0463 W/kg

BL-SZ2560099-ATD

Meas.130 Body Plane with Back Side 10mm on 155 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.27

Communication System Band: 5.8G; Frequency: 5775 MHz; Duty Cycle: 1:1.142

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.276$ S/m; $\epsilon_r = 35.503$; $\rho = 1000$ 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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.114 W/kg

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

Reference Value = 1.398 V/m; Power Drift = 0.09 dB

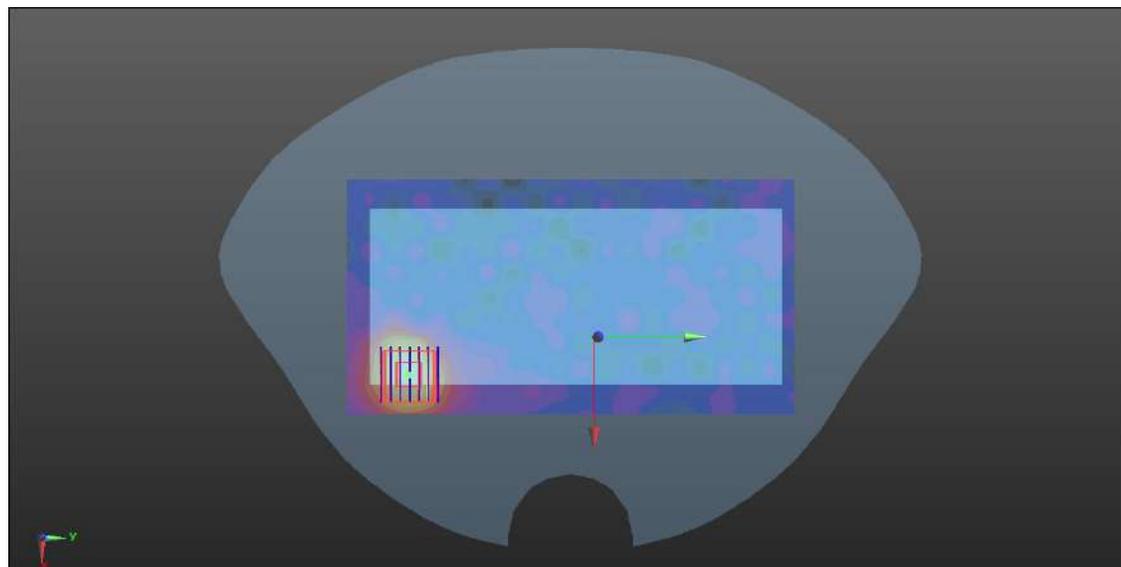
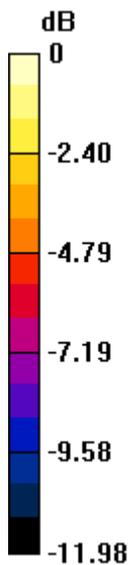
Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.029 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg

BL-SZ2560099-ATD

Meas.131 Body Plane with Top Edge 0mm on 58 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.25

Communication System Band: 5.3G; Frequency: 5290 MHz; Duty Cycle: 1:1.142

Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.794$ S/m; $\epsilon_r = 34.859$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.2°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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

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

Reference Value = 2.480 V/m; Power Drift = 0.16 dB

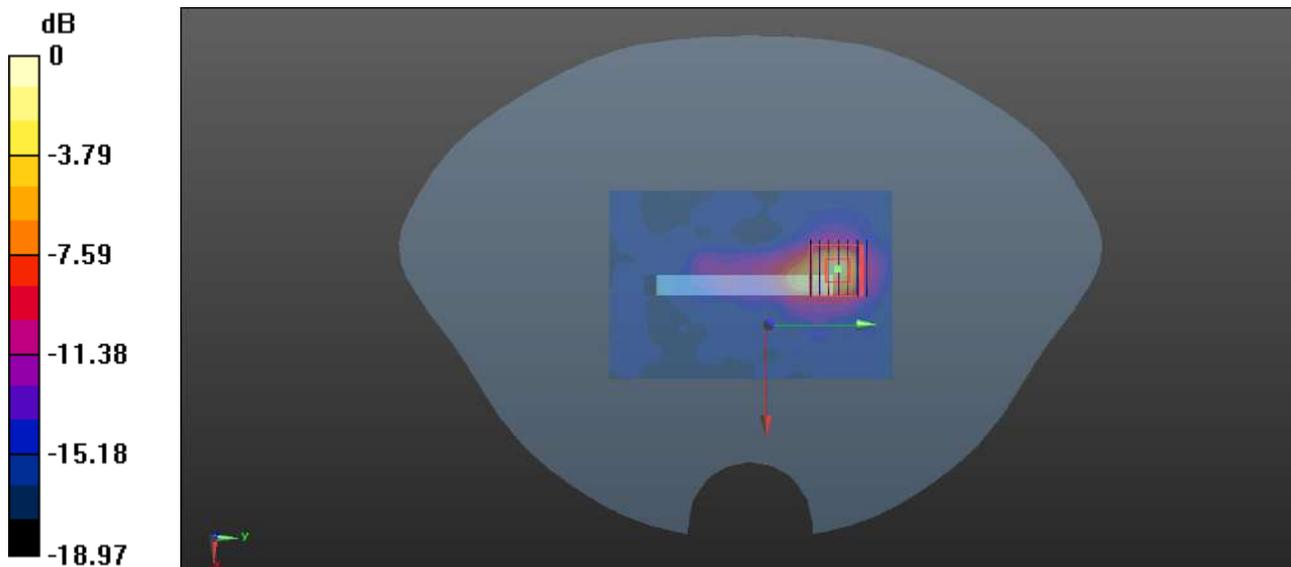
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.074 W/kg

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

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

Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg

BL-SZ2560099-ATD
 Meas.132 Body Plane with Top Edge 0mm on 106 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.26
 Communication System Band: 5.6G; Frequency: 5530 MHz; Duty Cycle: 1:1.142
 Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.007$ S/m; $\epsilon_r = 36.193$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

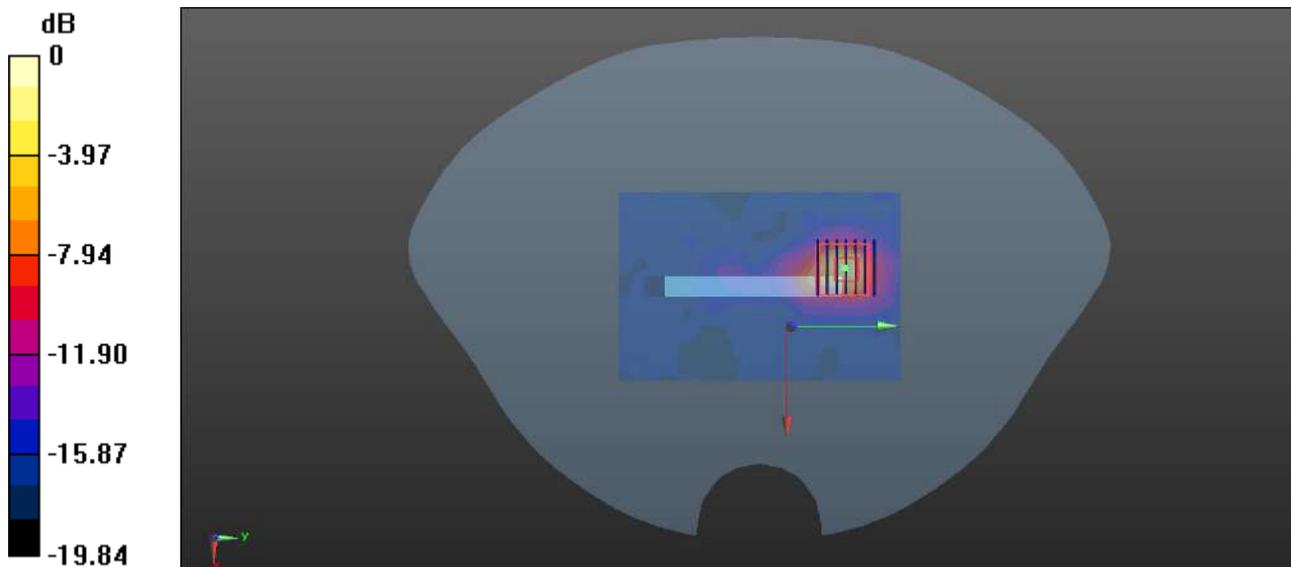
Ambient Temperature: 22.2°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.16, 5.16, 5.16); Calibrated: 2025.06.05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2025.06.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch106/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.717 W/kg

Ch106/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 2.108 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.089 W/kg
 Smallest distance from peaks to all points 3 dB below = 4 mm
 Ratio of SAR at M2 to SAR at M1 = 51.9%
 Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg

BL-SZ2560099-ATD
Meas.133 Body Plane with Top Edge 0mm on 155 Channel in IEEE802.11ac80 mode with Antenna 6

Date: 2025.06.27
 Communication System Band: 5.8G; Frequency: 5775 MHz; Duty Cycle: 1:1.142
 Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.276$ S/m; $\epsilon_r = 35.503$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

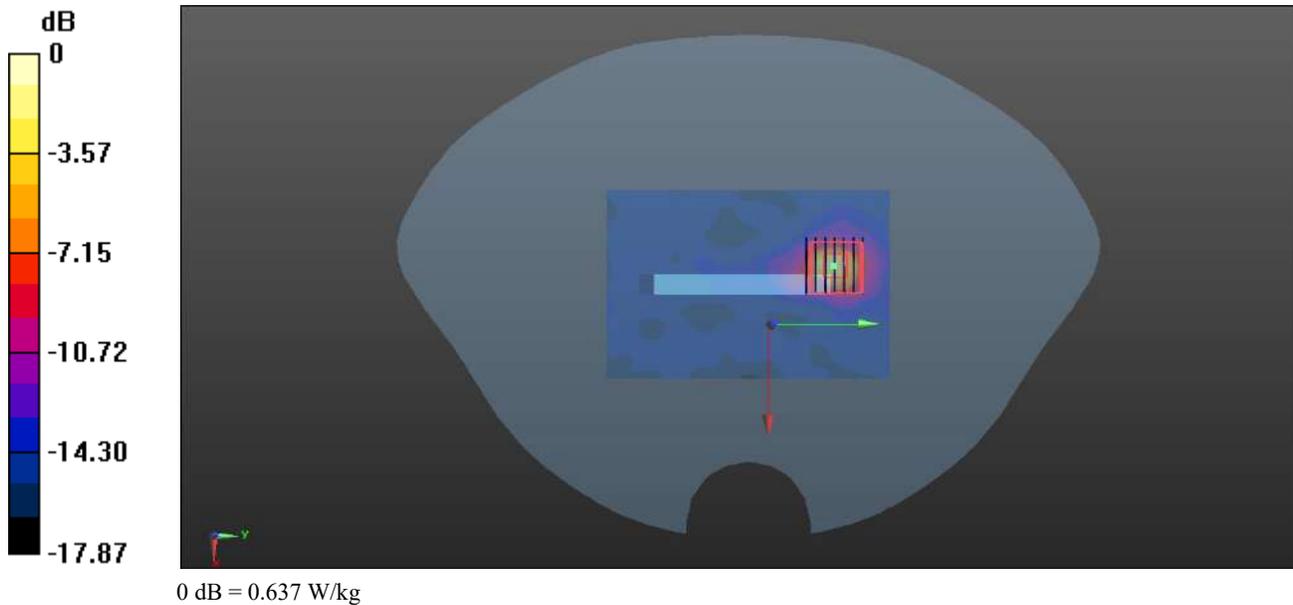
Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

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:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.545 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 1.851 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.065 W/kg
 Smallest distance from peaks to all points 3 dB below = 4 mm
 Ratio of SAR at M2 to SAR at M1 = 50.2%
 Maximum value of SAR (measured) = 0.637 W/kg



BL-SZ2560099-ATD

Meas.134 Left Head with Cheek on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.06.06

Communication System Band: 39; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 40.162$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.234 W/kg

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

Reference Value = 5.630 V/m; Power Drift = -0.11 dB

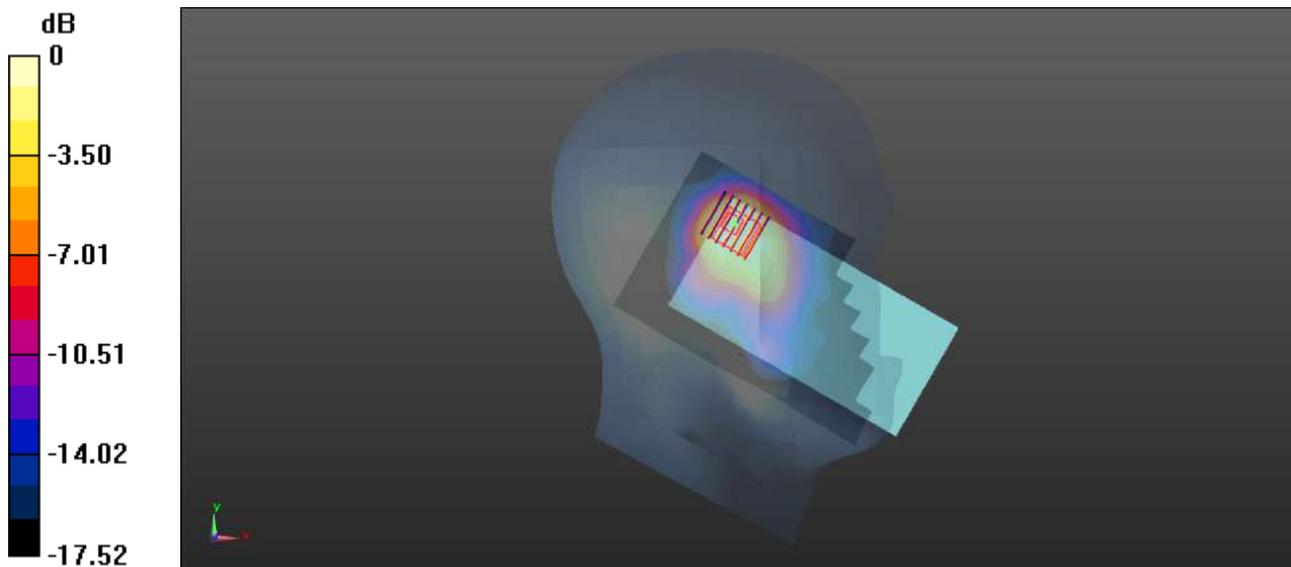
Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.091 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

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

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg

BL-SZ2560099-ATD

Meas.135 Body Plane with Back Side 5mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.06.06

Communication System Band: 39; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 40.162$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

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

Ch39/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

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

Reference Value = 2.987 V/m; Power Drift = -0.02 dB

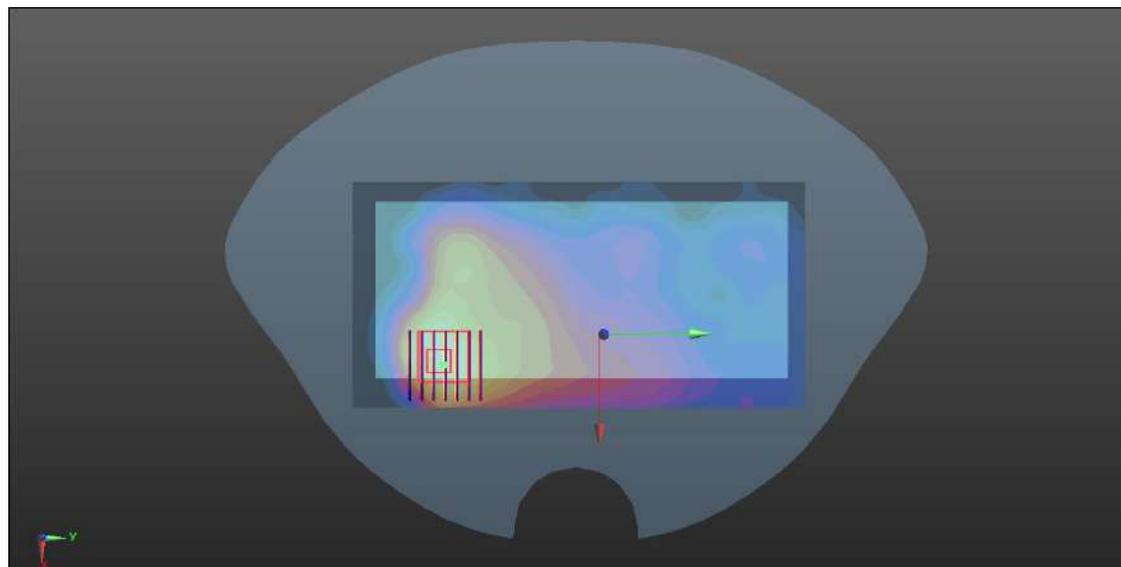
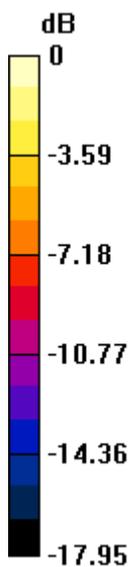
Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.2%

Maximum value of SAR (measured) = 0.216 W/kg



0 dB = 0.216 W/kg

BL-SZ2560099-ATD

Meas.136 Body Plane with Back Side 10mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.06.06

Communication System Band: 39; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 40.162$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

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

Ch39/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0904 W/kg

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

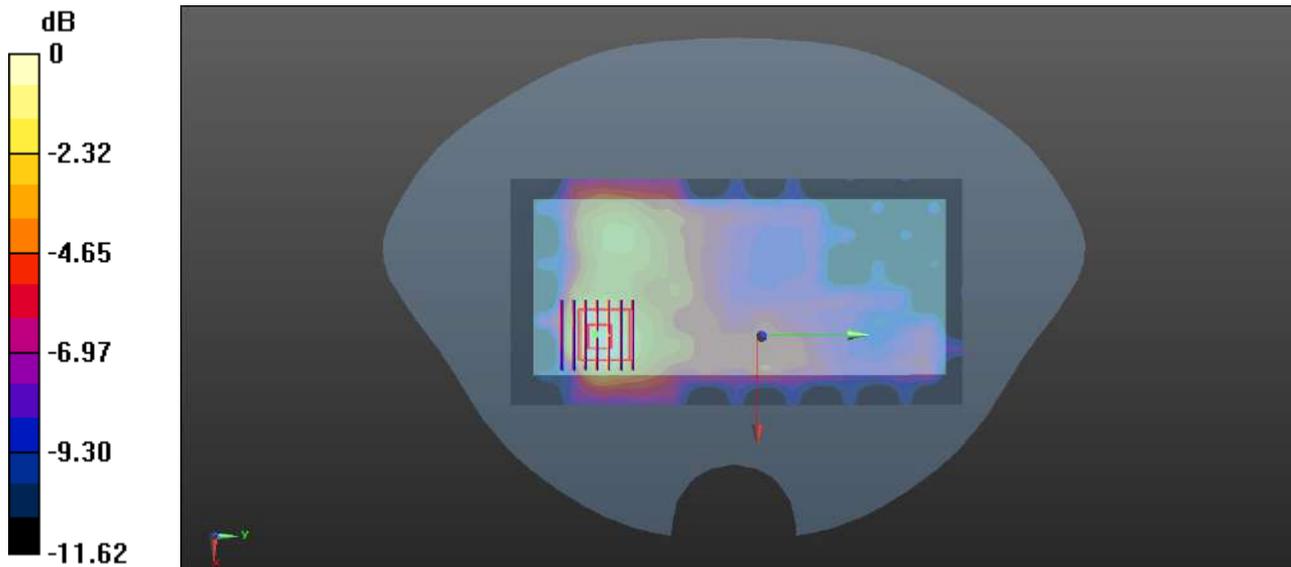
Reference Value = 2.588 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.039 W/kg

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.0787 W/kg



0 dB = 0.0787 W/kg

BL-SZ2560099-ATD

Meas.137 Body Plane with Top Edge 0 mm on 39 Channel in Bluetooth mode with Antenna 6

Date: 2025.06.06

Communication System Band: 39; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 40.162$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

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

Ch39/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.664 W/kg

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

Reference Value = 6.686 V/m; Power Drift = 0.08 dB

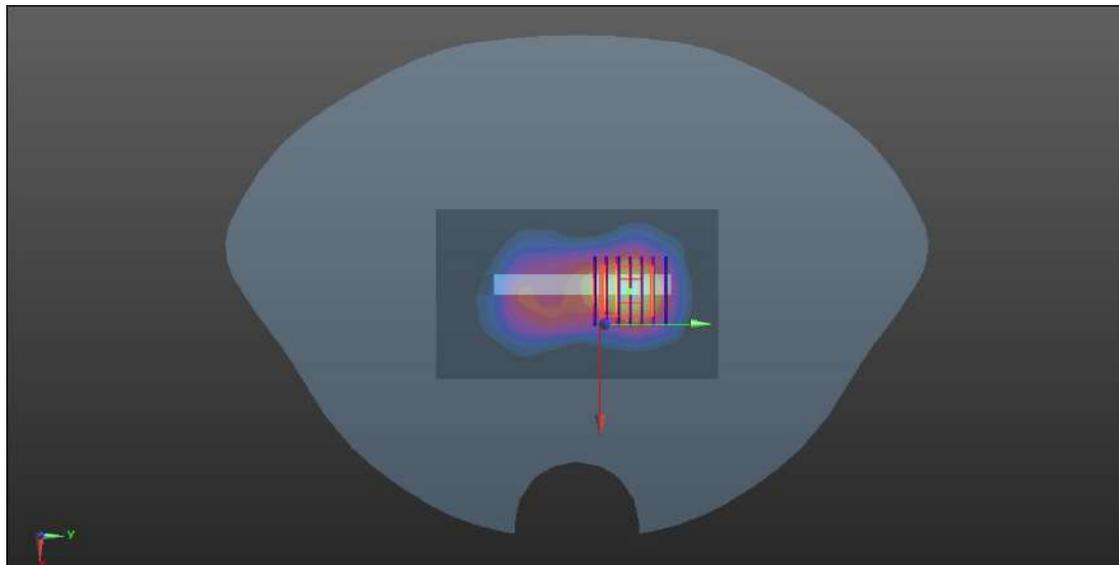
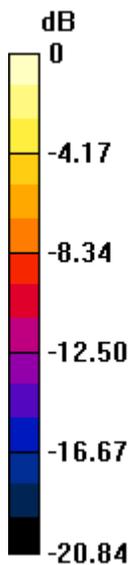
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.184 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 42.8%

Maximum value of SAR (measured) = 0.667 W/kg



0 dB = 0.667 W/kg

BL-SZ2560099-ATD

Meas.138 Body Plane with Bottom Edge 10mm on Middle Channel in GPRS1900 3Slots mode with Antenna 1

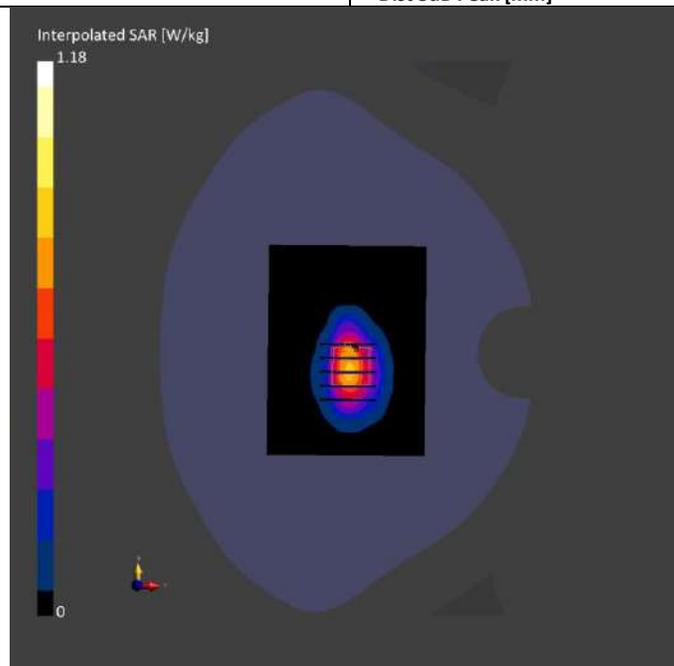
Exposure Conditions

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	1880.0, 661	7.34	1.39	40.7	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0	Date		2025-06-06	2025-06-06	psSAR1g [W/kg]	0.674
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.362	0.397	Power Drift [dB]	0.01	-0.06	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]		60.4	
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]		11.2				
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



BL-SZ2560099-ATD

Meas.139 Body Plane with Bottom Edge 10mm on Middle 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	1880.0, 661	7.34	1.39	40.7	22.4	21.4

Hardware Setup

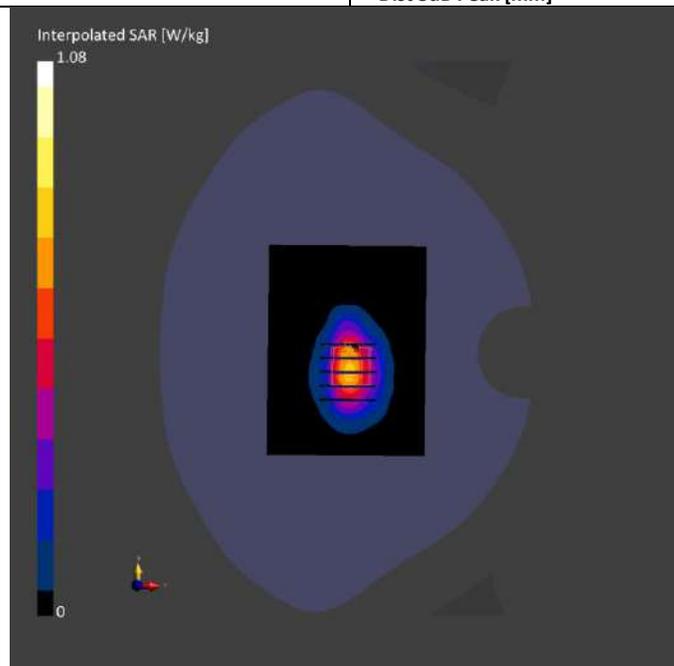
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

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	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.624	0.660
psSAR10g [W/kg]	0.336	0.368
Power Drift [dB]	0.02	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		11.2



BL-SZ2560099-ATD

Meas.140 Body Plane with Bottom Edge 10mm on Middle Channel in GPRS1900 3Slots mode with Antenna 1

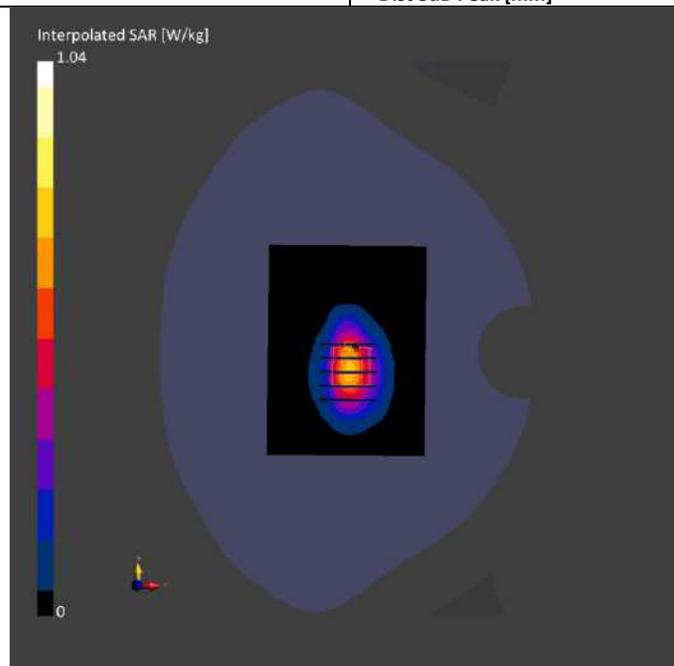
Exposure Conditions

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	1880.0, 661	7.34	1.39	40.7	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 2025-06-06	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-06	2025-06-06
psSAR1g [W/kg]	0.601	0.638
psSAR10g [W/kg]	0.325	0.358
Power Drift [dB]	0.00	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.8
Dist 3dB Peak [mm]		11.2



BL-SZ2560099-ATD

Meas.141 Right Head with Cheek on Middle Channel in LTE Band5 mode with Antenna 4

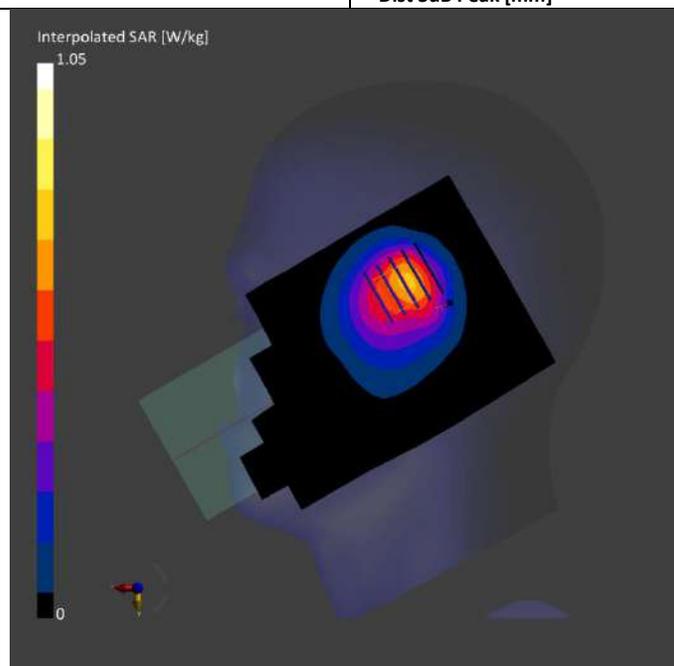
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.99	0.920	42.1	22.6	21.8

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0	Date		2025-06-16	2025-06-16	2025-06-16	2025-06-16
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	0.622	0.642	psSAR10g [W/kg]	0.406	0.411	
Sensor Surface [mm]	3.0	1.4	Power Drift [dB]	-0.02	-0.06	Power Scaling	Disabled	Disabled	
Graded Grid	Yes	Yes	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Grading Ratio	1.5	1.5	Scaling Factor [dB]			TSL Correction	No correction	No correction	
MAIA	N/A	N/A	TSL Correction	No correction	No correction	M2/M1 [%]		57.3	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		57.3	Dist 3dB Peak [mm]		11.5	
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		11.5				



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Meas.142 Right Head with Cheek on Middle Channel in LTE Band5 mode with Antenna 4

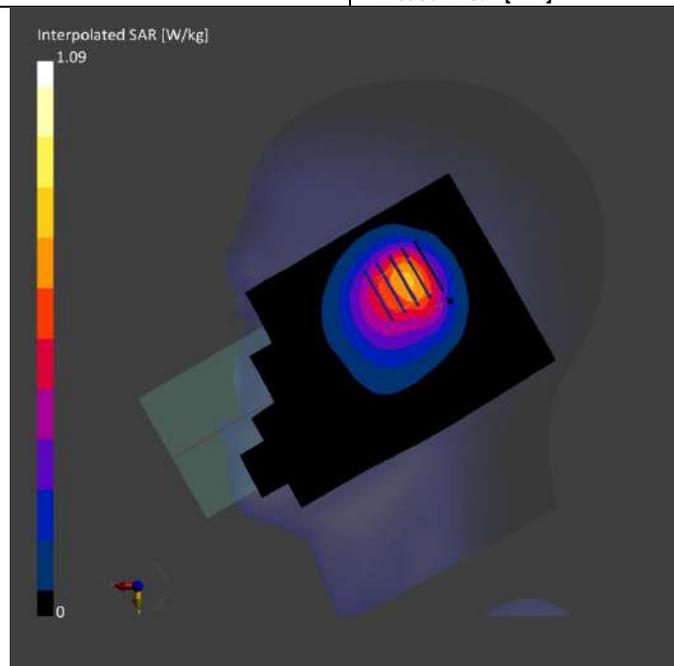
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.99	0.920	42.1	22.6	21.8

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.636	0.662
psSAR10g [W/kg]	0.417	0.425
Power Drift [dB]	0.01	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.0
Dist 3dB Peak [mm]		11.5



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Meas.143 Right Head with Cheek on Middle Channel in LTE Band5 mode with Antenna 4

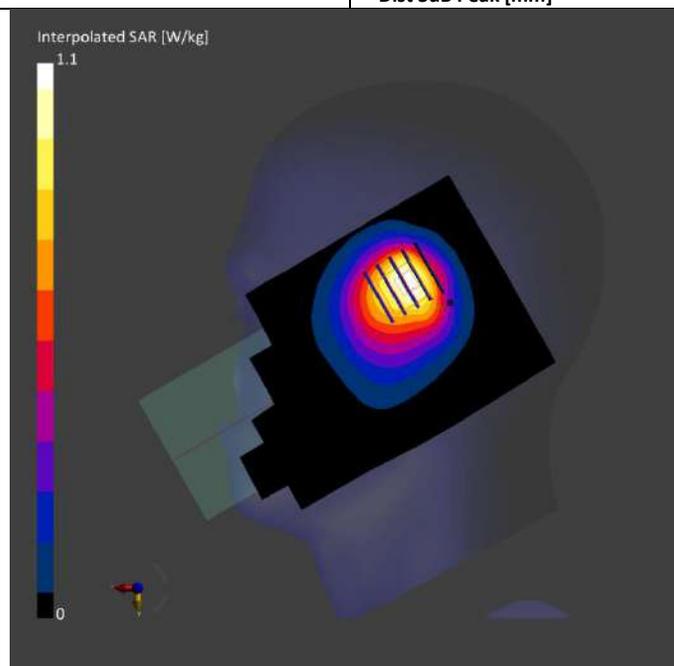
Exposure Conditions

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]
RightHead, HSL	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.99	0.920	42.1	22.6	21.8

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-16	2025-06-16
psSAR1g [W/kg]	0.646	0.670
psSAR10g [W/kg]	0.424	0.429
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.6
Dist 3dB Peak [mm]		11.5



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Meas.144 Body Plane with Back Side 5mm on High Channel in LTE Band 26 mode with Antenna 4

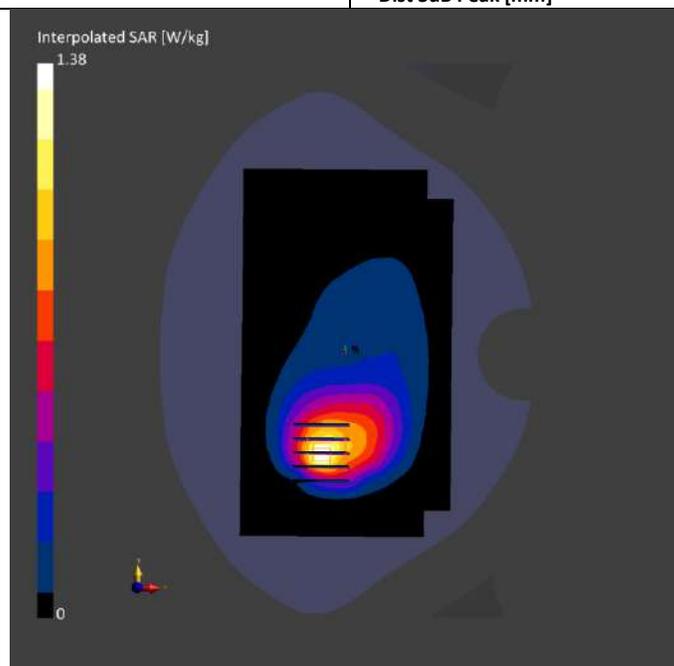
Exposure Conditions

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, 5.00	Band 26	LTE-FDD, 10181-CAF	841.5, 26965	9.99	0.917	41.2	22.6	21.7

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-12	2025-06-12
psSAR1g [W/kg]	0.780	0.755
psSAR10g [W/kg]	0.477	0.439
Power Drift [dB]	-0.09	-0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.4
Dist 3dB Peak [mm]		8.6



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Meas.145 Body Plane with Back Side 5mm on High Channel in LTE Band 26 mode with Antenna 4

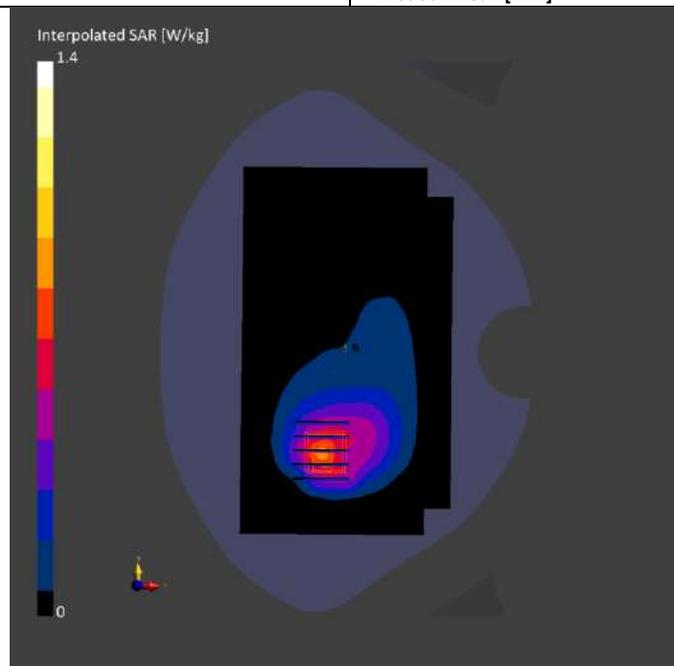
Exposure Conditions

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, 5.00	Band 26	LTE-FDD, 10181-CAF	841.5, 26965	9.99	0.917	41.2	22.6	21.7

Hardware Setup

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

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-06-12	2025-06-12	2025-06-12	psSAR1g [W/kg]
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR10g [W/kg]	0.445	0.431	Power Drift [dB]	-0.11	-0.05	
Sensor Surface [mm]	3.0	1.4	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
Graded Grid	Yes	Yes	TSL Correction	No correction	No correction	M2/M1 [%]	50.2		
Grading Ratio	1.5	1.5	Dist 3dB Peak [mm]	10.1					
MAIA	N/A	N/A							
Surface Detection	VMS + 6p	VMS + 6p							
Scan Method	Measured	Measured							



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Meas.146 Body Plane with Back Side 5mm on High Channel in LTE Band 26 mode with Antenna 4

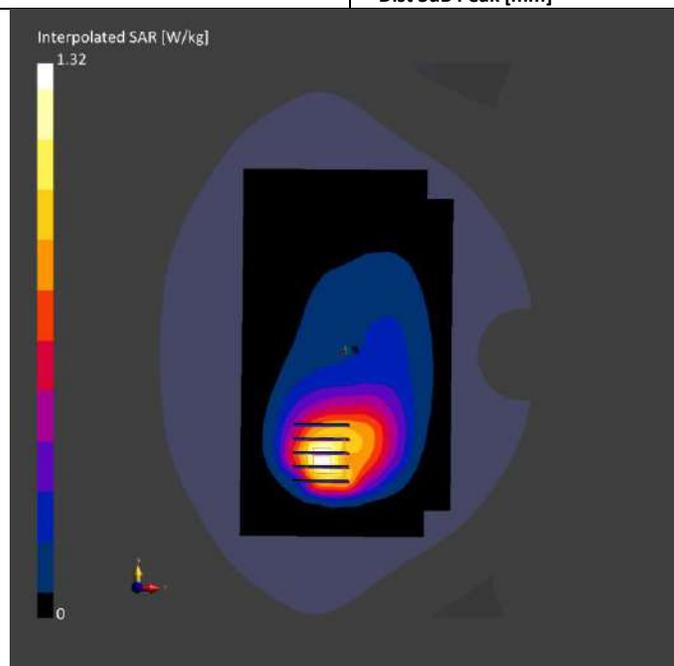
Exposure Conditions

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, 5.00	Band 26	LTE-FDD, 10181-CAF	841.5, 26965	9.99	0.917	41.2	22.6	21.7

Hardware Setup

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

Scan Setup	Measurement Results	
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured
	Area Scan	Zoom Scan
Date	2025-06-12	2025-06-12
psSAR1g [W/kg]	0.670	0.709
psSAR10g [W/kg]	0.426	0.413
Power Drift [dB]	-0.16	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.5
Dist 3dB Peak [mm]		9.3



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Meas.147 Body Plane with Top Edge 0mm on 513900 Channel in NR Band 41 mode with Antenna 4

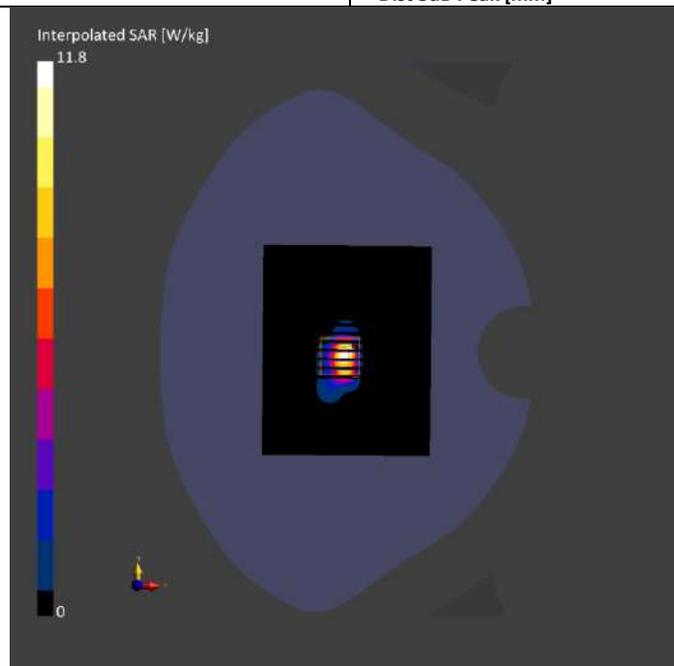
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2569.5, 513900	7.06	1.87	39.7	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-23	2025-06-23	2025-06-23
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	4.12	5.11	4.12	5.11	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	1.51	1.85	1.51	1.85	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	-0.10	-0.12	-0.10	-0.12	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]		47.6		47.6	
				Dist 3dB Peak [mm]		5.5		5.5	



BL-SZ2560099-ATD

Meas.148 Body Plane with Top Edge 0mm on 513900 Channel in NR Band 41 mode with Antenna 4

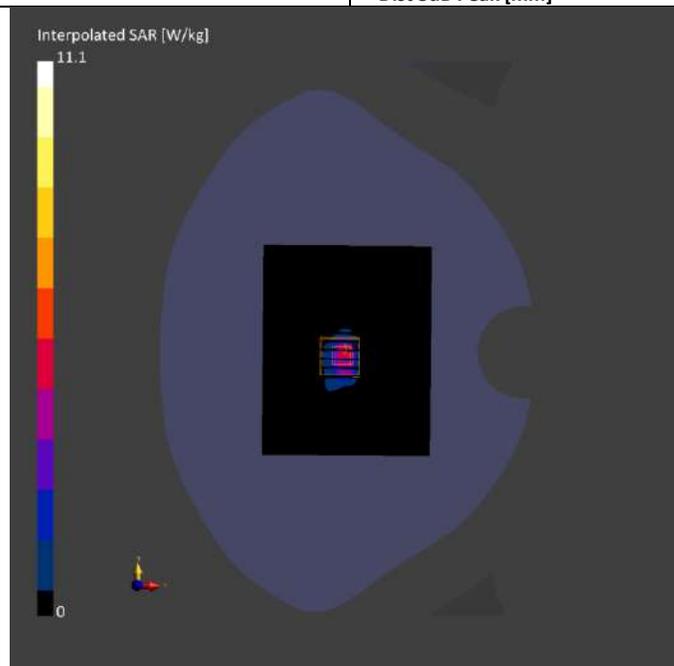
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2569.5, 513900	7.06	1.87	39.7	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0		Date	2025-06-23	2025-06-23	2025-06-23
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	3.90	4.99	3.90	4.99	
Sensor Surface [mm]	3.0	1.4	1.4	psSAR10g [W/kg]	1.42	1.80	1.42	1.80	
Graded Grid	Yes	Yes	Yes	Power Drift [dB]	-0.04	-0.17	-0.04	-0.17	
Grading Ratio	1.5	1.5	1.5	Power Scaling	Disabled	Disabled	Disabled	Disabled	
MAIA	N/A	N/A	N/A	Scaling Factor [dB]					
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction	No correction	No correction	
Scan Method	Measured	Measured	Measured	M2/M1 [%]		47.1		47.1	
				Dist 3dB Peak [mm]		5.5		5.5	



BL-SZ2560099-ATD

Meas.149 Body Plane with Top Edge 0mm on 513900 Channel in NR Band 41 mode with Antenna 4

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE TOP, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2569.5, 513900	7.06	1.87	39.7	22.4	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-06-23	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup	Area Scan		Zoom Scan		Measurement Results	Area Scan		Zoom Scan	
	Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Grid Steps [mm]		12.0 x 12.0	5.0 x 5.0 x 5.0	Date	2025-06-23
Sensor Surface [mm]	3.0	1.4	psSAR1g [W/kg]	4.08	5.26	psSAR10g [W/kg]	1.48	1.89	
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.08	Power Scaling	Disabled	Disabled	
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled	Scaling Factor [dB]			
MAIA	N/A	N/A	TSL Correction	No correction	No correction	TSL Correction	No correction	No correction	
Surface Detection	VMS + 6p	VMS + 6p	M2/M1 [%]		47.7	Dist 3dB Peak [mm]		5.5	
Scan Method	Measured	Measured							

