

Meas.1 Body Plane with Right Edge 5mm on 0 Channel in Bluetooth 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 RIGHT, 5.00	ISM 2.4 GHz Band	Bluetooth, 10032-CA A	2402.0, 0	7.71	1.73	40.0	22.4	21.6

Hardware Setup

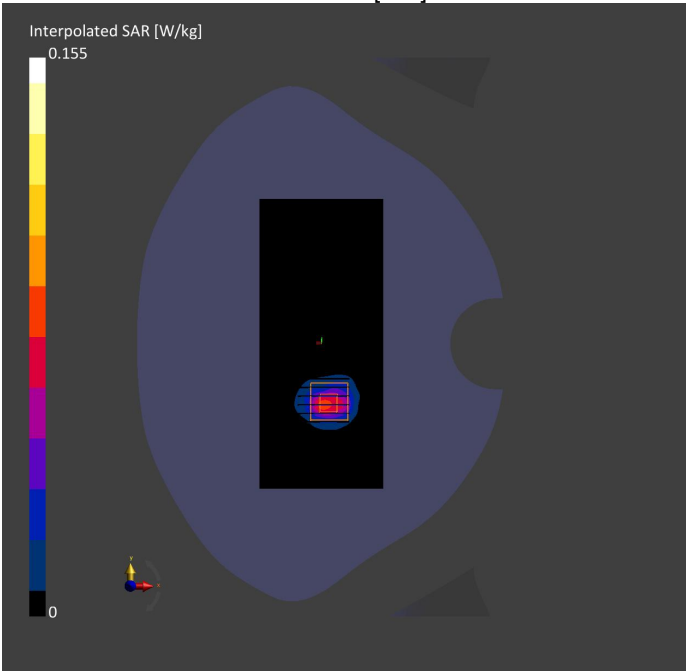
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-23	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 168.0	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	Y
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-23	2026-07-23
psSAR1g [W/kg]	0.062	0.072
psSAR10g [W/kg]	0.027	0.031
Power Drift [dB]	-0.08	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		47.5
Dist 3dB Peak [mm]		8.0



Meas.2 Body Plane with Right Edge 0mm on 0 Channel in Bluetooth 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 RIGHT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CA A	2402.0, 0	7.71	1.73	40.0	22.4	21.6

Hardware Setup

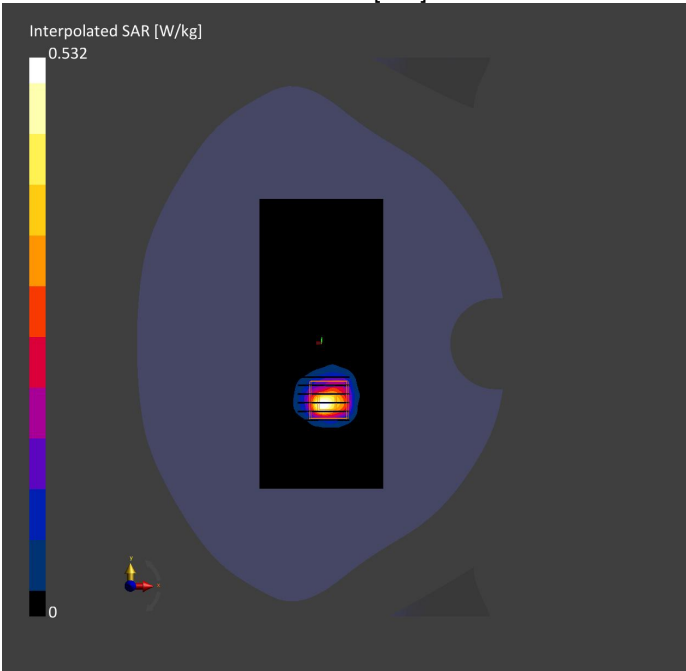
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-23	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 168.0	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	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-23	2026-07-23
psSAR1g [W/kg]	0.184	0.217
psSAR10g [W/kg]	0.076	0.082
Power Drift [dB]	-0.03	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		39.2
Dist 3dB Peak [mm]		6.3



Meas.3 Body Plane with Right Edge 5mm on 6 Channel in IEEE802.11b 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 RIGHT, 5.00	WLAN 2.4GHz	WLAN, 10415-AA A	2437.0, 6	7.71	1.80	38.7	22.2	21.5

Hardware Setup

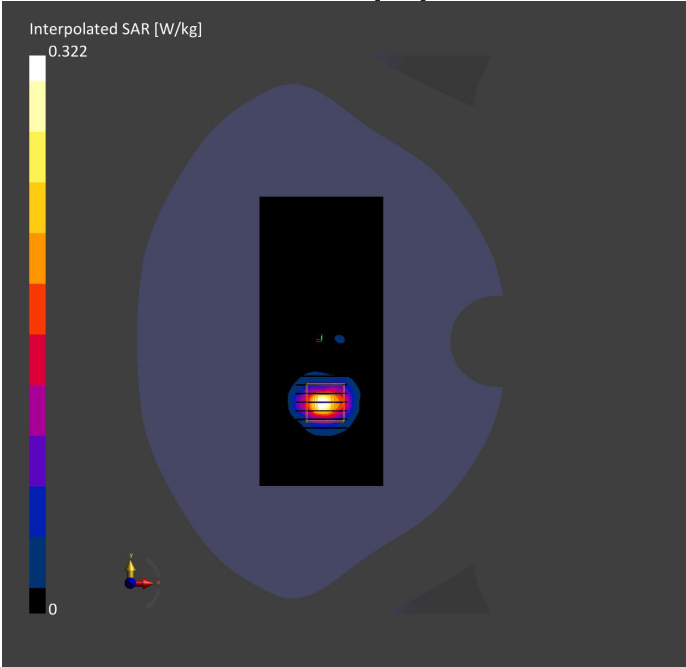
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-24	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 168.0	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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-24	2026-07-24
psSAR1g [W/kg]	0.136	0.143
psSAR10g [W/kg]	0.055	0.058
Power Drift [dB]	-0.06	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.6
Dist 3dB Peak [mm]		7.1



Meas.4 Body Plane with Front Side 5mm on 1 Channel in IEEE802.11b mode with Antenna 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 5.00	WLAN 2.4GHz	WLAN, 10415-AA A	2412.0, 1	7.71	1.75	39.3	22.2	21.5

Hardware Setup

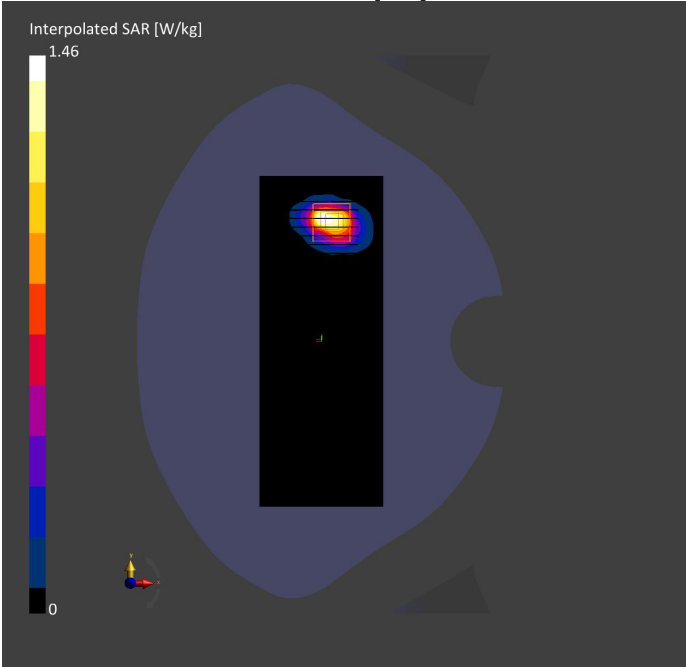
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-24	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-24	2026-07-24
psSAR1g [W/kg]	0.574	0.636
psSAR10g [W/kg]	0.248	0.252
Power Drift [dB]	0.07	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		38.9
Dist 3dB Peak [mm]		6.3



Meas.5 Body Plane with Right Edge 0mm on 1 Channel in IEEE802.11b 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 RIGHT, 0.00	WLAN 2.4GHz	WLAN, 10415-AA A	2412.0, 1	7.71	1.75	39.3	22.2	21.5

Hardware Setup

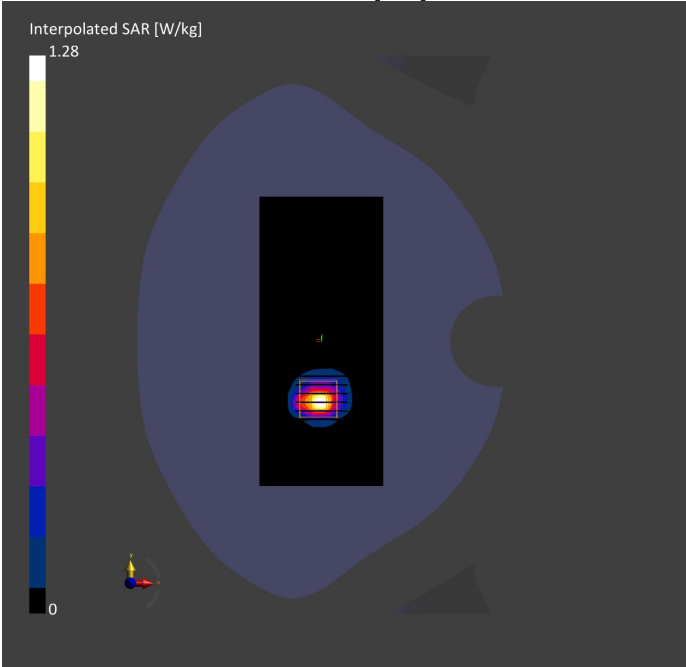
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-24	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 168.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-24	2026-07-24
psSAR1g [W/kg]	0.498	0.527
psSAR10g [W/kg]	0.190	0.197
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		37.4
Dist 3dB Peak [mm]		5.7



Meas.6 Body Plane with Front Side 0mm on 11 Channel in IEEE802.11b mode with Antenna 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 0.00	WLAN 2.4GHz	WLAN, 10415-AA A	2462.0, 11	7.71	1.86	37.9	22.2	21.5

Hardware Setup

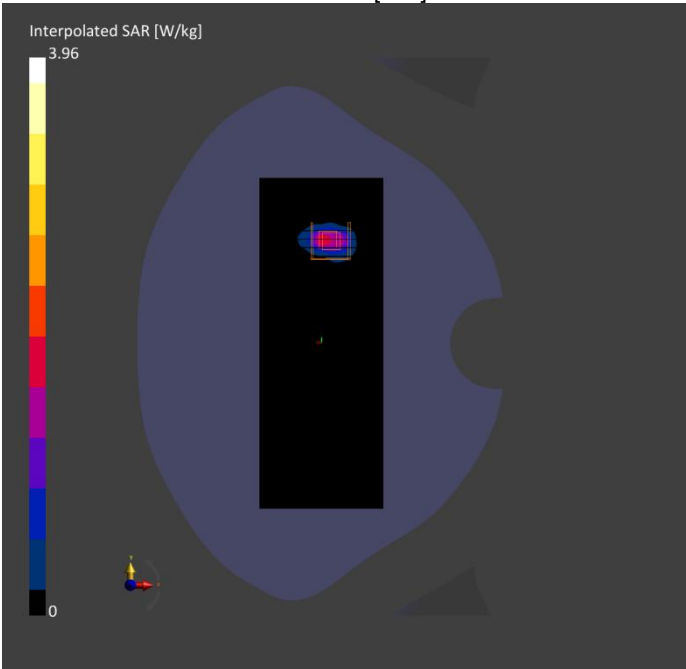
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-24	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 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	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-24	2026-07-24
psSAR1g [W/kg]	1.31	1.38
psSAR10g [W/kg]	0.495	0.452
Power Drift [dB]	-0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		34.7
Dist 3dB Peak [mm]		5.1



Meas.7 Body Plane with Right Edge 5mm on 149 Channel in IEEE802.11a 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 RIGHT, 5.00	WLAN N 5GHz	WLAN, 10417-AA C	5745.0, 149	4.99	5.14	36.4	22.5	21.7

Hardware Setup

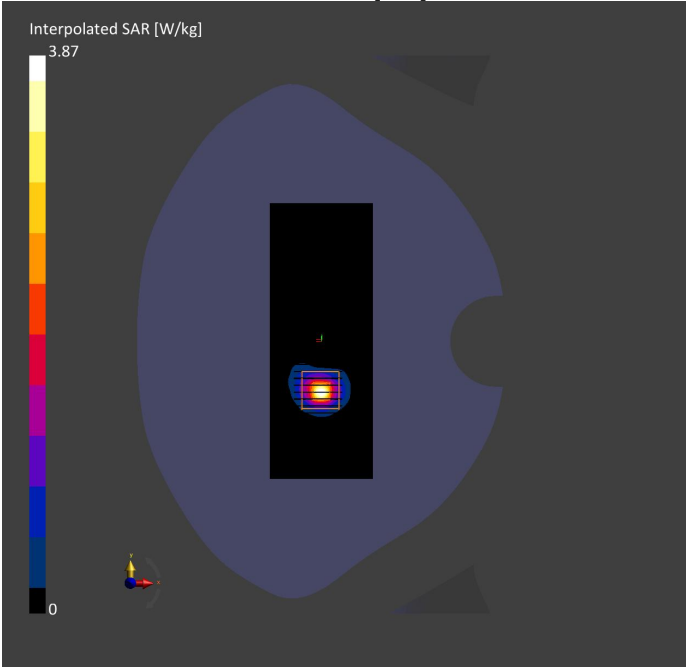
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-25	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 160.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-25	2026-07-25
psSAR1g [W/kg]	0.775	0.880
psSAR10g [W/kg]	0.211	0.235
Power Drift [dB]	0.00	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.6
Dist 3dB Peak [mm]		6.4



Meas.8 Body Plane with Front Side 5mm on 149 Channel in IEEE802.11ac20 mode with Antenna 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 5.00	WLAN, 5GHz	WLAN, 10525-AA C	5745.0, 149	4.99	5.14	36.4	22.5	21.7

Hardware Setup

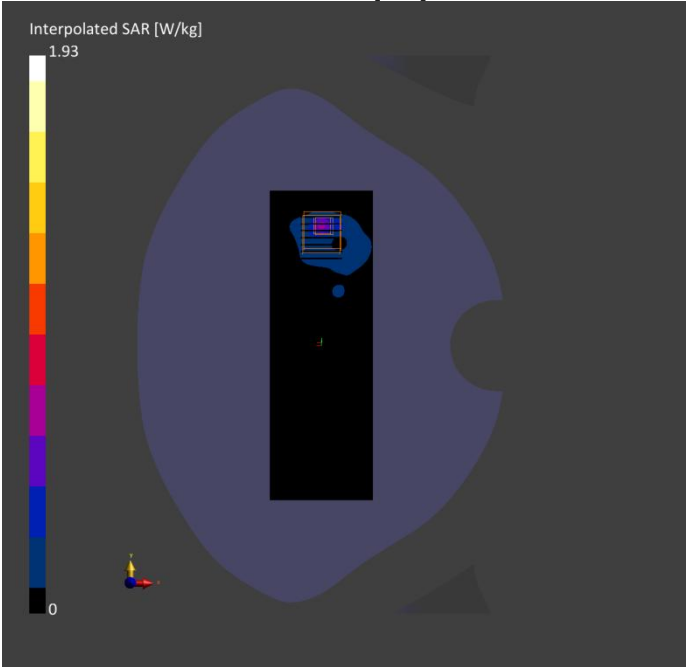
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-25	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	Y	Y
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-25	2026-07-25
psSAR1g [W/kg]	0.413	0.410
psSAR10g [W/kg]	0.120	0.114
Power Drift [dB]	0.06	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.2
Dist 3dB Peak [mm]		5.4



Meas.9 Body Plane with Right Edge 0mm on 149 Channel in IEEE802.11a 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 RIGHT, 0.00	WLAN N 5GHz	WLAN, 10417-AA C	5745.0, 149	4.99	5.14	36.4	22.5	21.7

Hardware Setup

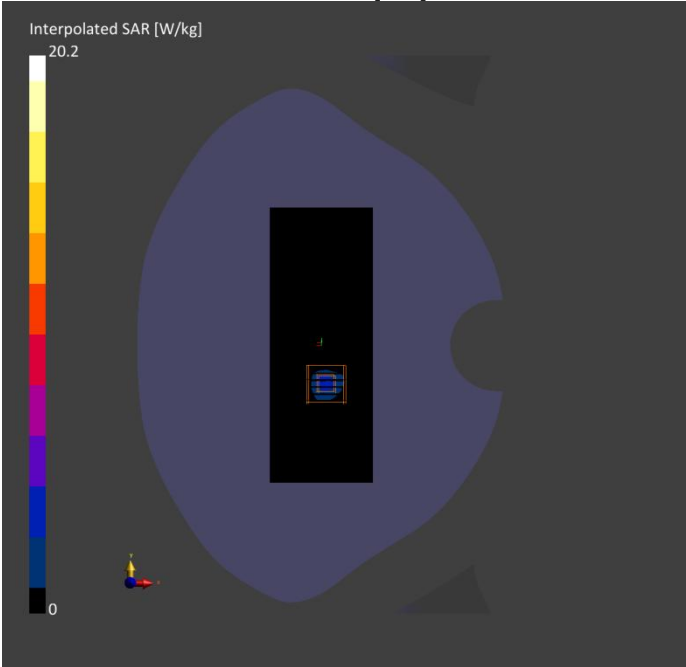
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-25	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 160.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-25	2026-07-25
psSAR1g [W/kg]	3.08	3.98
psSAR10g [W/kg]	0.837	0.943
Power Drift [dB]	-0.09	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		44.9
Dist 3dB Peak [mm]		5.1



Meas.10 Body Plane with Front Side 0mm on 149 Channel in IEEE802.11ac20 mode with Antenna 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 0.00	WLAN, 5GHz	WLAN, 10525-AA C	5745.0, 149	4.99	5.14	36.4	22.5	21.7

Hardware Setup

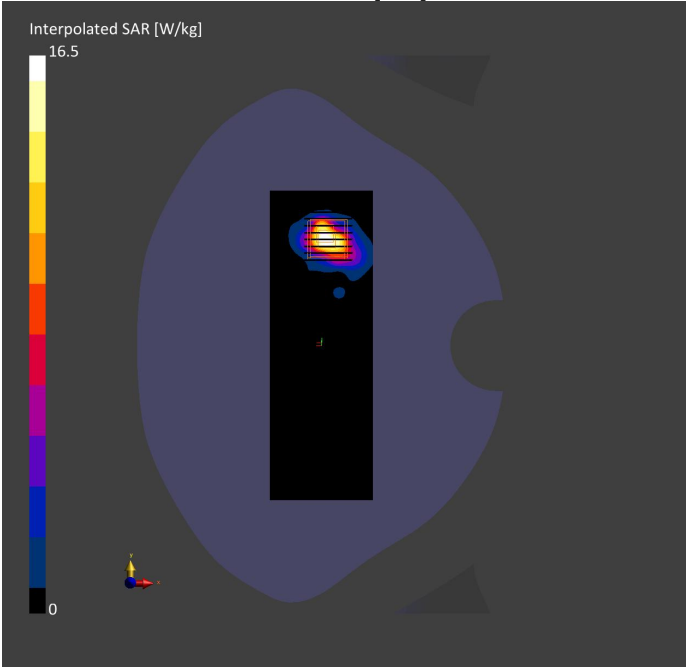
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2026-07-25	EX3DV4 - SN7510, 2025-11-11	DAE4 Sn1711, 2025-11-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-07-25	2026-07-25
psSAR1g [W/kg]	1.68	2.98
psSAR10g [W/kg]	0.552	0.593
Power Drift [dB]	0.04	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.8
Dist 3dB Peak [mm]		4.2



--END OF REPORT--