

Meas.1 Body Plane with Left Edge 5mm on 78 Channel in Bluetooth mode with Ant.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 LEFT, 5.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	6.98	1.88	37.8	22.4	21.3

Hardware Setup

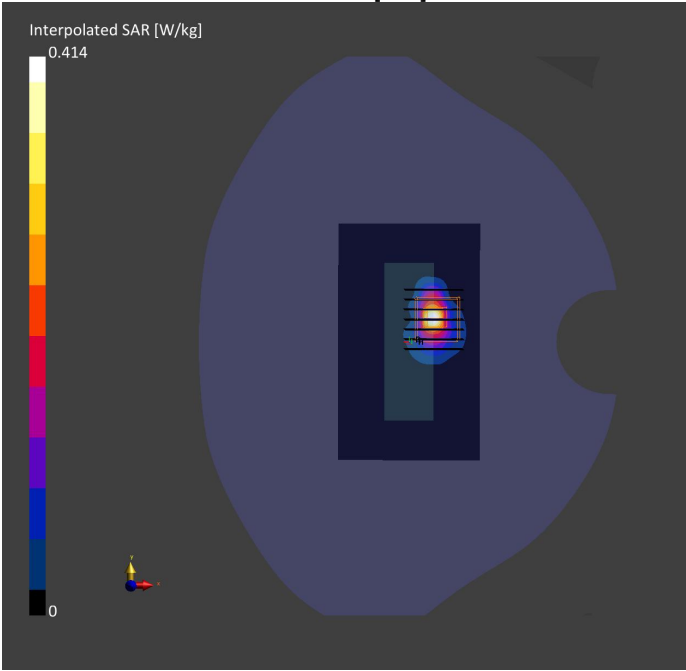
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-15	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	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	Y	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-15	2025-07-15
psSAR1g [W/kg]	0.167	0.172
psSAR10g [W/kg]	0.060	0.060
Power Drift [dB]	-0.05	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.1
Dist 3dB Peak [mm]		5.1



Meas.2 Limbs Plane with Left Edge 0mm on 78 Channel in Bluetooth mode with Ant.1

Exposue Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversio n Factor	TSL Conductiv ity [S/m]	TSL Permittivit y	Ambient Temperat ure [°C]	Liquid Temperat ure [°C]
Flat, HSL	EDGE LEFT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	6.98	1.88	37.8	22.4	21.3

Hardware Setup

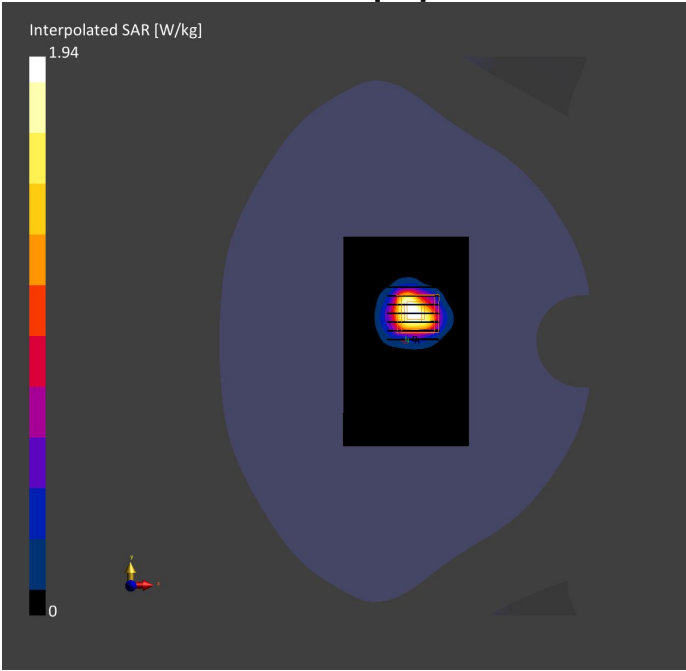
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-15	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	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	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-15	2025-07-15
psSAR1g [W/kg]	0.391	0.712
psSAR10g [W/kg]	0.180	0.238
Power Drift [dB]	-0.12	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		37.8
Dist 3dB Peak [mm]		5.3



Meas.3 Body Plane with Left Edge 5mm on 6 Channel in IEEE802.11b mode with Ant.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 LEFT, 5.00	WLAN 2.4GH z	WLAN, 10415-AAA	2437.0, 6	6.98	1.76	40.4	22.4	21.3

Hardware Setup

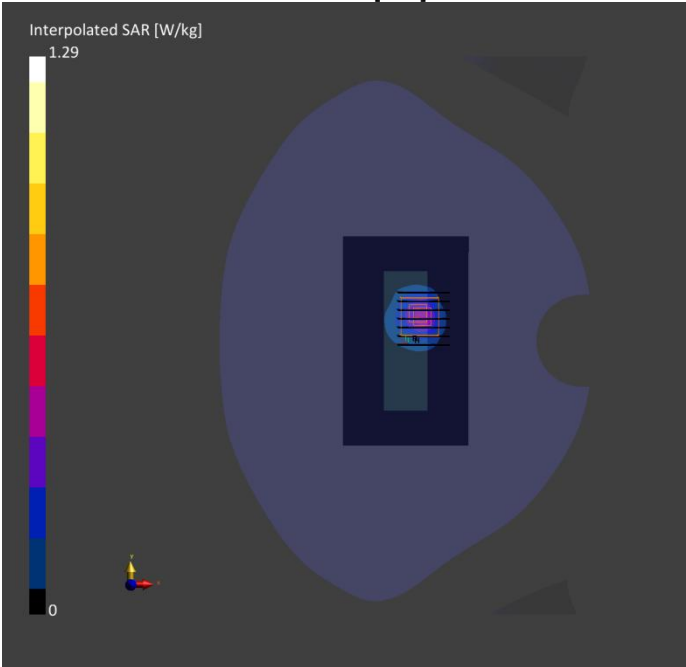
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-15	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-15	2025-07-15
psSAR1g [W/kg]	0.381	0.560
psSAR10g [W/kg]	0.176	0.205
Power Drift [dB]	-0.08	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		44.9
Dist 3dB Peak [mm]		6.0



Meas.4 Limbs Plane with Left Edge 0mm on 6 Channel in IEEE802.11b mode with Ant.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 LEFT, 0.00	WLAN 2.4GH z	WLAN, 10415-AAA	2437.0, 6	6.98	1.76	40.4	22.4	21.3

Hardware Setup

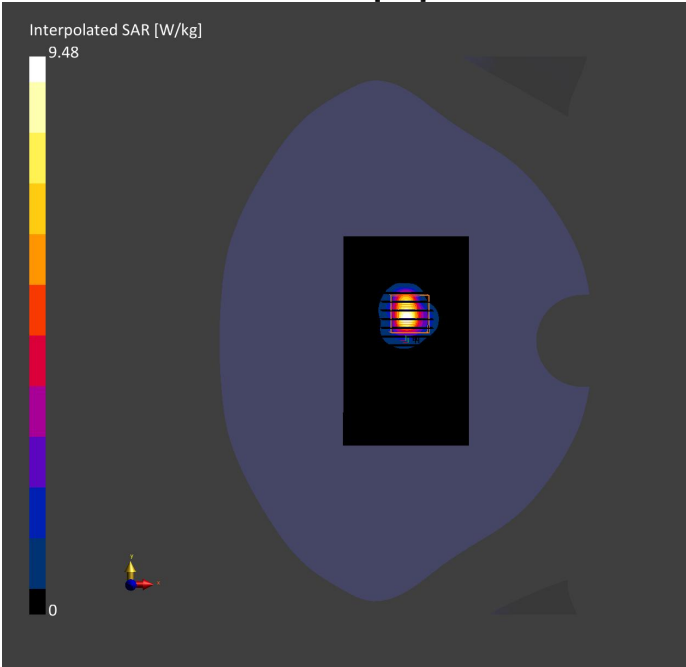
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-15	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-15	2025-07-15
psSAR1g [W/kg]	3.59	3.30
psSAR10g [W/kg]	1.37	1.12
Power Drift [dB]	0.00	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		35.5
Dist 3dB Peak [mm]		5.2



Meas.5 Body Plane with Left Edge 5mm on 42 Channel in IEEE802.11ac80 mode with Ant.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 LEFT, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5210.0, 42	5.44	4.54	36.2	22.2	21.1

Hardware Setup

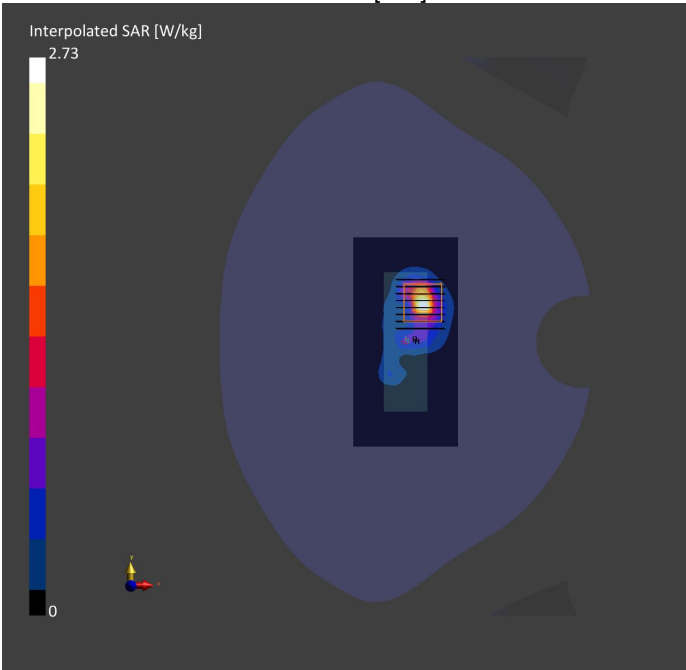
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	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 Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-16	2025-07-16
psSAR1g [W/kg]	0.653	0.733
psSAR10g [W/kg]	0.195	0.206
Power Drift [dB]	-0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		4.9



Meas.6 Body Plane with Left Edge 5mm on 155 Channel in IEEE802.11ac80 mode with Ant.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 LEFT, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5775.0, 155	4.98	5.31	34.9	22.2	21.1

Hardware Setup

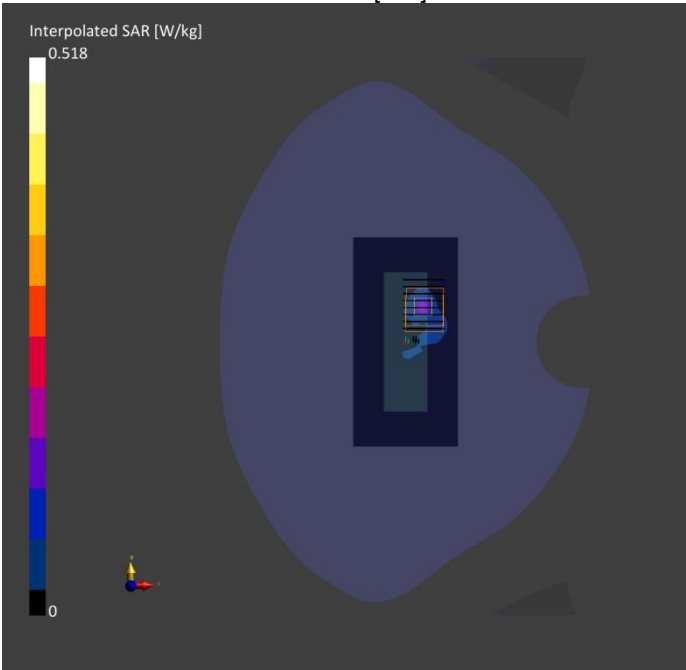
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	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	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-16	2025-07-16
psSAR1g [W/kg]	0.108	0.109
psSAR10g [W/kg]	0.028	0.025
Power Drift [dB]	-0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.0
Dist 3dB Peak [mm]		5.7



Meas.7 Limbs Plane with Left Edge 0mm on 42 Channel in IEEE802.11ac80 mode with Ant.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 LEFT, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5210.0, 42	5.44	4.54	36.2	22.2	21.1

Hardware Setup

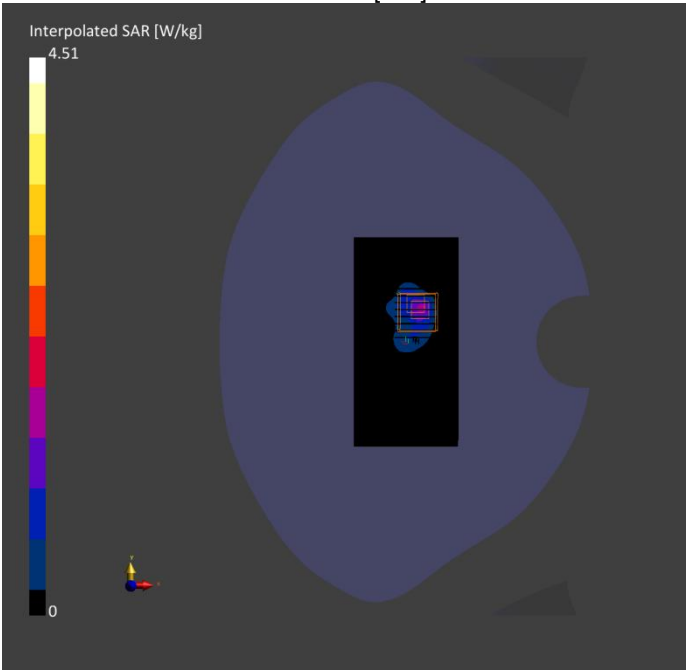
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	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	2025-07-16	2025-07-16
psSAR1g [W/kg]	1.05	1.28
psSAR10g [W/kg]	0.350	0.374
Power Drift [dB]	-0.04	-0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.5
Dist 3dB Peak [mm]		5.1



Meas.8 Limbs Plane with Left Edge 0mm on 155 Channel in IEEE802.11ac80 mode with Ant.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 LEFT, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.0, 155	4.98	5.31	34.9	22.2	21.1

Hardware Setup

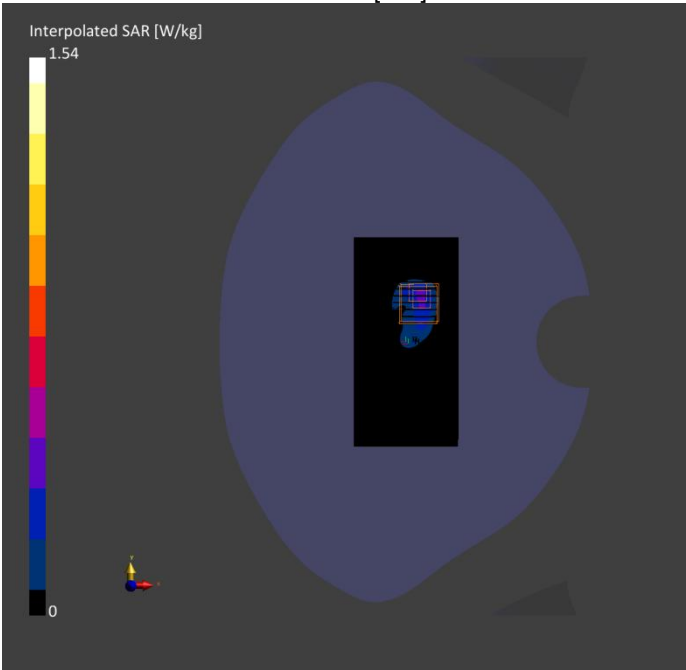
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-07-16	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn878, 2025-03-05

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	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	2025-07-16	2025-07-16
psSAR1g [W/kg]	0.302	0.354
psSAR10g [W/kg]	0.102	0.102
Power Drift [dB]	-0.05	0.07
Power Scaling	Disabled	Disabled
Scaling Factor		
TSL Correction [dB]	No correction	No correction
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		4.2



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