

Meas.1 Head Plane with Left Edge 0mm on 0 Channel in Bluetooth mode with Antenna 2

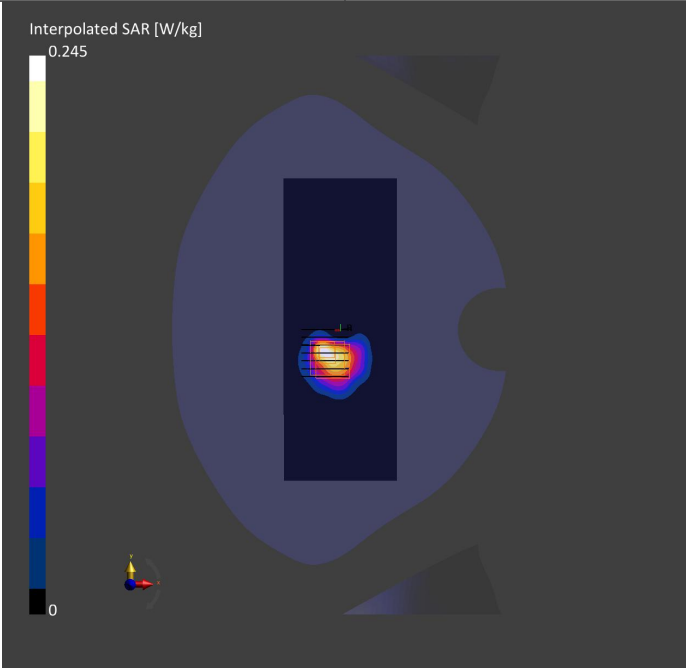
Exposure Conditions

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	EDGE LEFT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.0, 0	7.80	1.74	39.9	22.3	21.5

Hardware Setup

Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date	
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-09-26	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn878,	2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-09-26	2025-09-26
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.078	0.066
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.037	0.026
Graded Grid	Yes	Yes	Power Drift [dB]	-0.13	-0.07
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	Y	Y	Scaling Factor [dB]		
Surface	All points	All points	TSL Correction	No correction	No correction
Detection			M2/M1 [%]		15.6
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		5.6



Meas.2 Head Plane with Left Edge 0mm on 11 Channel in IEEE802.11N40 mode with Antenna 1

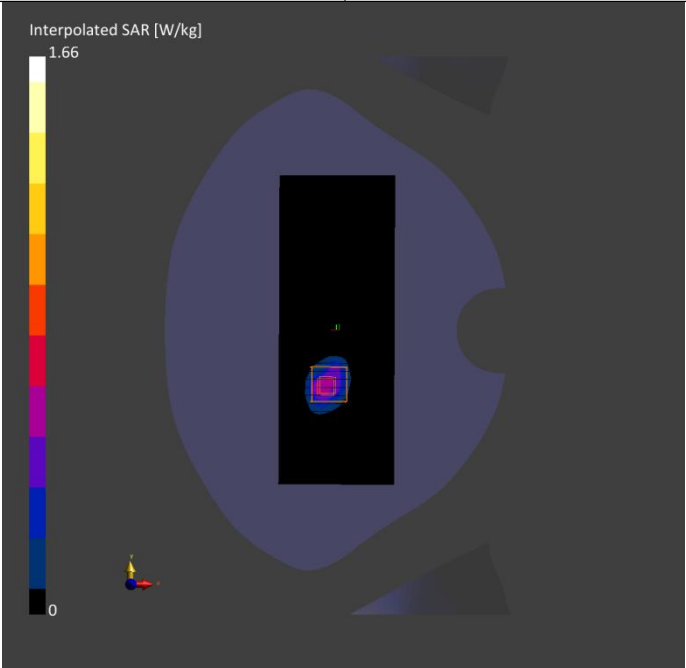
Exposure Conditions

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, 0.00	WLAN 2.4GHZ	WLAN, 10415-AAA	2462.0, 11	7.80	1.81	39.5	22.3	21.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2025-09-26	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 192.0	30.0 x 30.0 x 30.0	Date	2025-09-26	2025-09-26
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.522	0.652
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.230	0.247
Graded Grid	Yes	Yes	Power Drift [dB]	0.17	-0.04
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Detection			M2/M1 [%]		32.9
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		6.4



Meas.3 Head Plane with Left Edge 0mm on 62 Channel in IEEE802.11N40 mode with Antenna 1

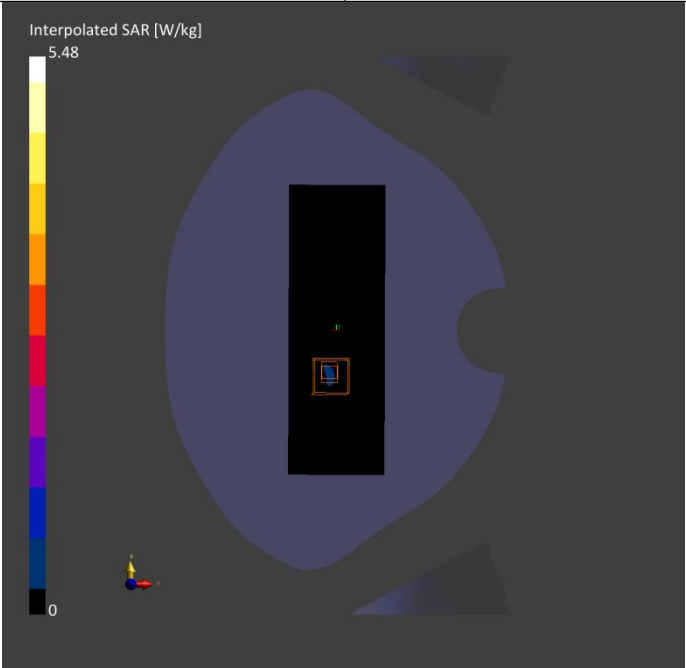
Exposure Conditions

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 LEFT, 0.00	WLAN 5GHz	WLAN, 10599-AAD	5310.0, 62	5.61	4.83	35.0	22.1	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 2025-09-27	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 180.0	24.0 x 24.0 x 22.0	Date	2025-09-27	2025-09-27
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0	psSAR1g [W/kg]	0.379	0.854
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.114	0.188
Graded Grid	Yes	Yes	Power Drift [dB]	0.03	-0.09
Grading Ratio	1.5	1.4	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Detection			M2/M1 [%]		43.7
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		6.2



Meas.4 Head Plane with Left Edge 0mm on 118 Channel in IEEE802.11N40 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 LEFT, 0.00	WLAN 5GHz	WLAN, 10599-AAD	5590.0, 118	4.93	5.02	36.0	22.1	21.4

Hardware Setup

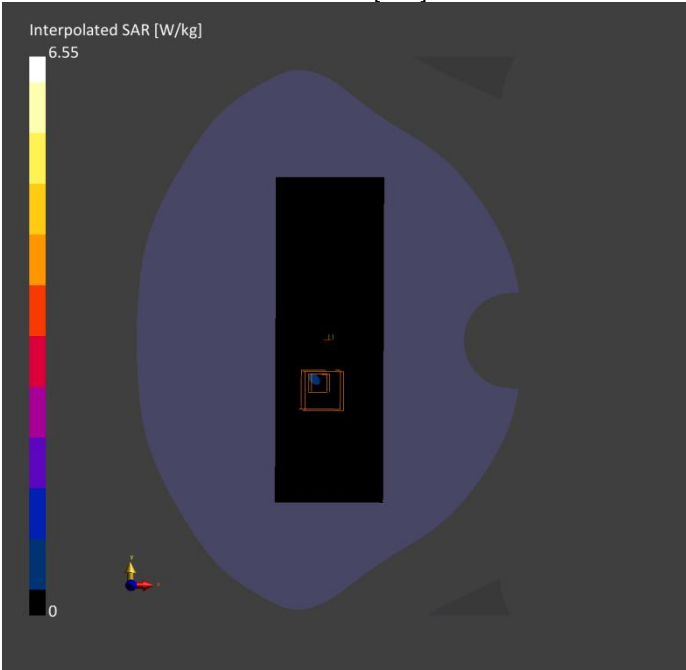
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000	2025-09-27	EX3DV4 - SN7664,	2025-06-30	DAE4 Sn878, 2025-03-05

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-27	2025-09-27
psSAR1g [W/kg]	0.405	0.954
psSAR10g [W/kg]	0.116	0.192
Power Drift [dB]	0.13	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		41.8
Dist 3dB Peak [mm]		5.5



Meas.5 Head Plane with Left Edge 0mm on 159 Channel in IEEE802.11N40 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 LEFT, 0.00	WLAN 5GHz	WLAN, 10599-AAD	5795.0, 159	5.01	5.26	35.0	22.1	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 2025-09-27	EX3DV4 - SN7664, 2025-06-30	DAE4 Sn878, 2025-03-05

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 180.0	24.0 x 24.0 x 22.0	Date	2025-09-27	2025-09-27
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0	psSAR1g [W/kg]	0.623	0.823
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.170	0.194
Graded Grid	Yes	Yes	Power Drift [dB]	0.02	-0.08
Grading Ratio	1.5	1.4	Power Scaling	Disabled	Disabled
MAIA	Y	N/A	Scaling Factor [dB]		
Surface	All points	All points	TSL Correction	No correction	No correction
Detection			M2/M1 [%]		38.0
Scan Method	Measured	Measured	Dist 3dB Peak [mm]		5.9

