

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	135.0 x 50.0 x 15.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HBBL 5-10000MHz	CHEEK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2412.0, 1	7.6	1.80	39.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

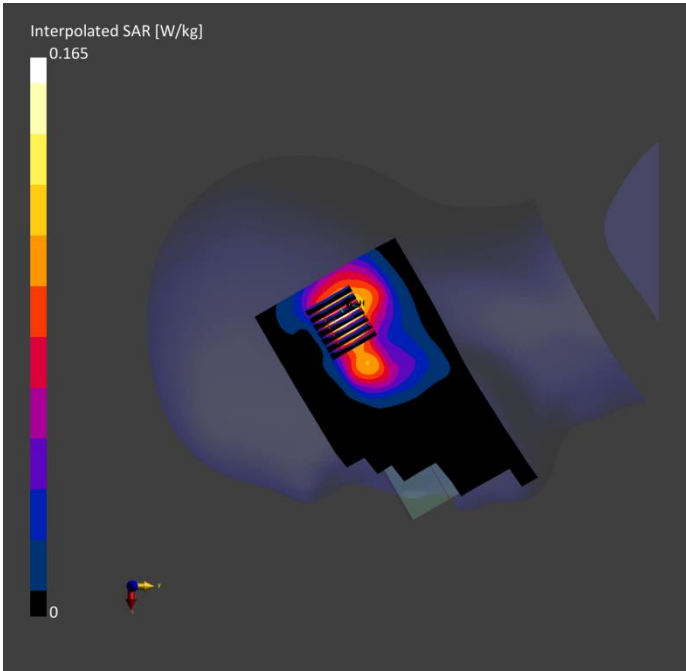
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 168.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-13, 18:09	2024-03-13, 18:18
psSAR1g [W/kg]	0.087	0.094
psSAR10g [W/kg]	0.046	0.047
Power Drift [dB]	-0.00	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		89.2
Dist 3dB Peak [mm]		8.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s) Error(s)		Peak 10g averaged SAR on boundary.



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Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HBBL 5-10000MHz	TILT, 0.00	U-NII-1, U-NII-2A	WLAN, 10417-AAC	5260.0, 52	5.38	4.59	35.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

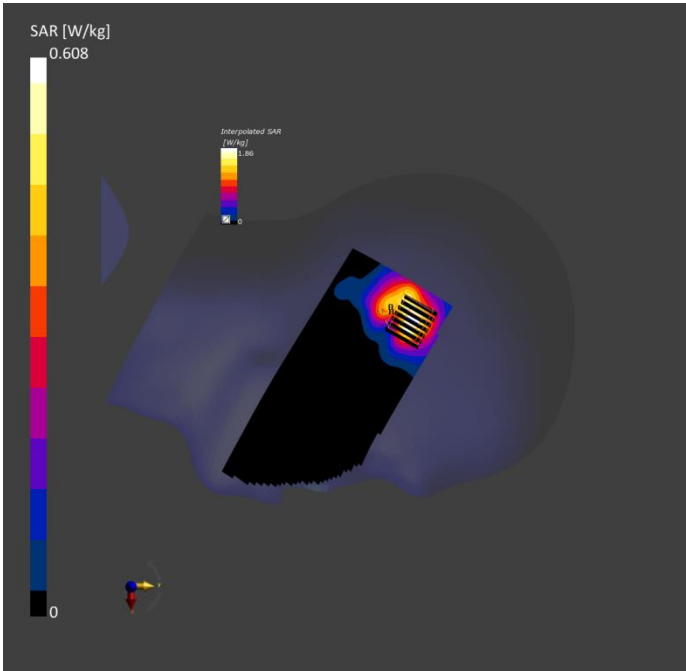
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-13, 16:42	2024-03-13, 17:00
psSAR1g [W/kg]	0.599	0.573
psSAR10g [W/kg]	0.233	0.212
Power Drift [dB]	-0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.1
Dist 3dB Peak [mm]		10.7

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HBBL 5-10000MHz	TILT, 0.00	WLAN 5GHz	WLAN, 10534-AAC	5670.0, 134	4.65	5.02	35.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

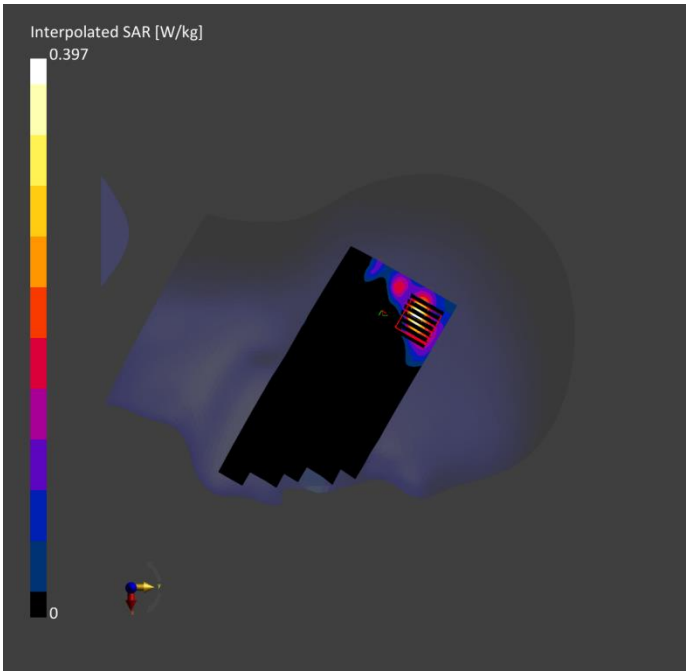
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-13, 17:10	2024-03-13, 17:19
psSAR1g [W/kg]	0.098	0.086
psSAR10g [W/kg]	0.032	0.021
Power Drift [dB]	0.20	0.79
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.2
Dist 3dB Peak [mm]		4.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		Peak 10g averaged SAR on boundary. Power drift exceeds warning threshold.
Error(s)		



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Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HBBL 5-10000MHz	CHEEK, 0.00	WLAN 5GHz	WLAN, 10534-AAC	5755.0, 151	4.74	5.11	35.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

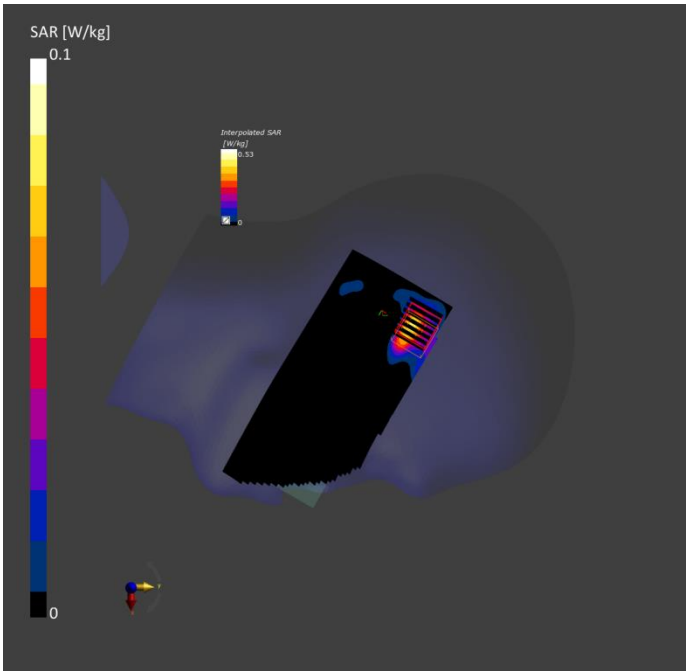
Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-13, 16:05	2024-03-13, 16:14
psSAR1g [W/kg]	0.088	0.068
psSAR10g [W/kg]	0.029	0.020
Power Drift [dB]	0.36	-1.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.4
Dist 3dB Peak [mm]		4.8

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)	Power drift exceeds warning threshold.	Peak 10g averaged SAR on boundary. Power drift exceeds warning threshold.

Error(s)



Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	135.0 x 50.0 x 15.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HBBL 5-10000MHz	CHEEK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	7.6	1.86	39.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-14	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

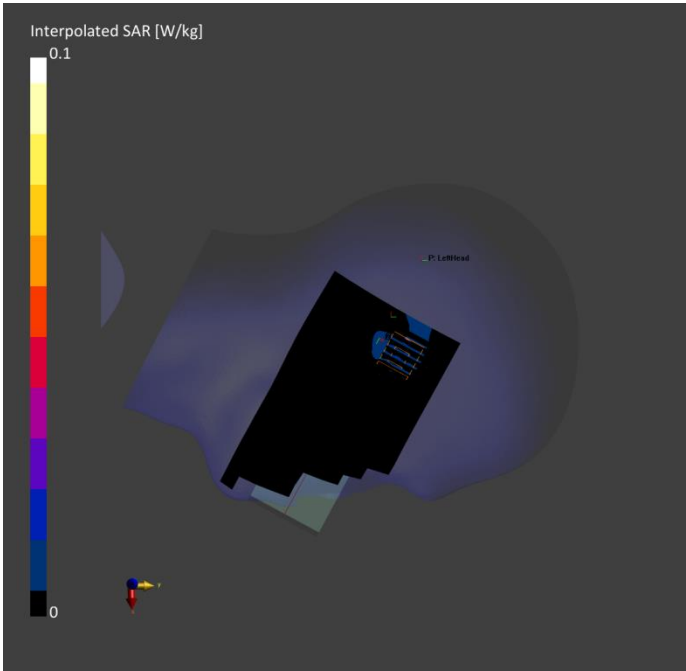
	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 168.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-14, 20:08	2024-03-14, 20:16
psSAR1g [W/kg]	0.012	0.01
psSAR10g [W/kg]	0.006	0.004
Power Drift [dB]	-0.45	-0.32
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		96.0
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)	Power drift exceeds warning threshold.	Power drift exceeds warning threshold.
Error(s)		



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Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	135.0 x 50.0 x 15.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HBBL 5-10000MHz	EDGE TOP, 10.00	WLAN 2.4GHz	WLAN, 10415-AAA	2412.0, 1	7.6	1.80	39.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-14	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

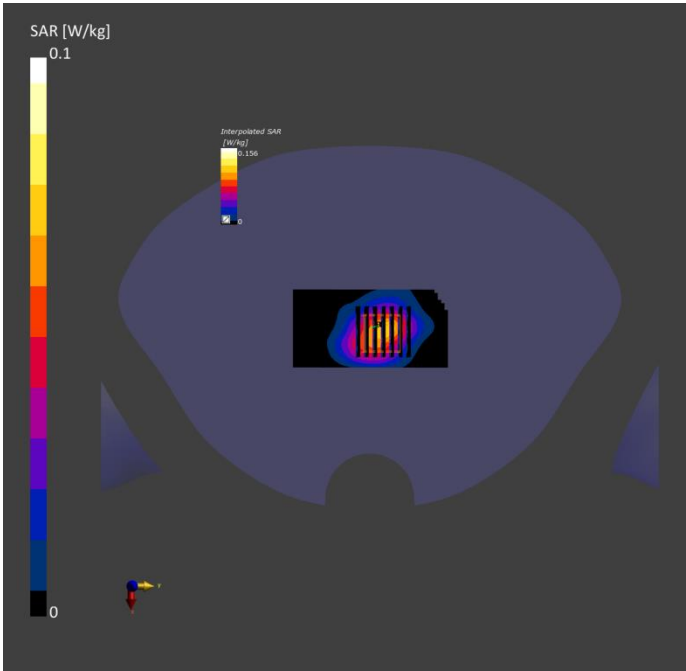
	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-14, 12:14	2024-03-14, 12:22
psSAR1g [W/kg]	0.068	0.071
psSAR10g [W/kg]	0.036	0.033
Power Drift [dB]	0.10	-0.27
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.3
Dist 3dB Peak [mm]		10.6

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		Power drift exceeds warning threshold.
Error(s)		



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Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HBBL 5-10000MHz	BACK, 10.00	U-NII-1, U-NII-2A	WLAN, 10417-AAC	5260.0, 52	5.38	4.59	35.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

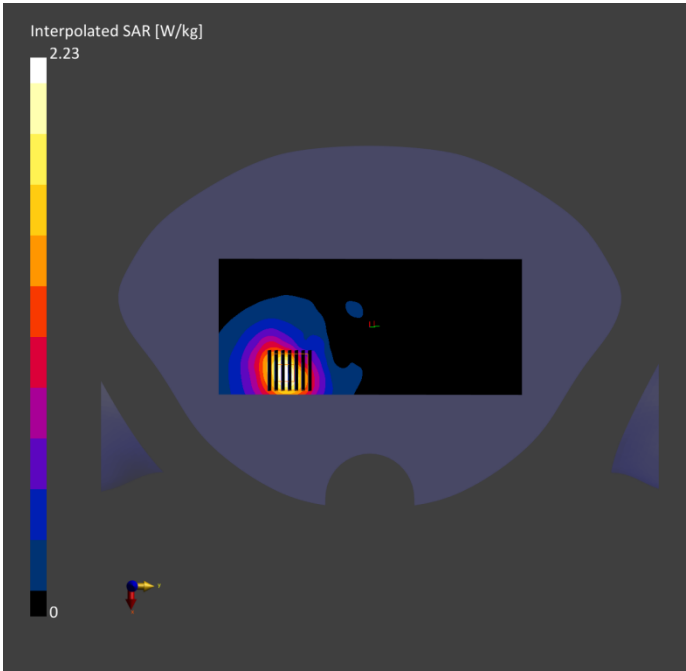
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-14, 08:50	2024-03-14, 08:57
psSAR1g [W/kg]	0.658	0.679
psSAR10g [W/kg]	0.265	0.261
Power Drift [dB]	-0.22	-0.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.6
Dist 3dB Peak [mm]		11.3

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)	Power drift exceeds warning threshold.	Power drift exceeds warning threshold.
Error(s)		



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Device,	135.0 x 50.0 x 15.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HBBL 5-10000MHz	BACK, 10.00	WLAN 5GHz	WLAN, 10534-AAC	5670.0, 134	4.65	5.02	35.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

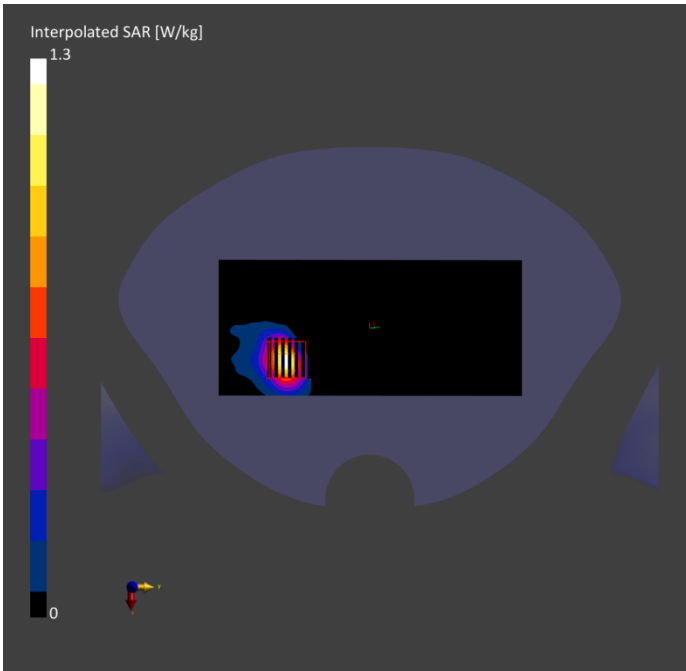
Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-14, 09:08	2024-03-14, 09:15
psSAR1g [W/kg]	0.322	0.335
psSAR10g [W/kg]	0.106	0.099
Power Drift [dB]	-0.33	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.9
Dist 3dB Peak [mm]		8.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)	Power drift exceeds warning threshold.	Peak 10g averaged SAR on boundary. Power drift exceeds warning threshold.

Error(s)



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Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HBBL 5-10000MHz	BACK, 10.00	WLAN 5GHz	WLAN, 10534-AAC	5755.0, 151	4.74	5.11	35.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-13	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

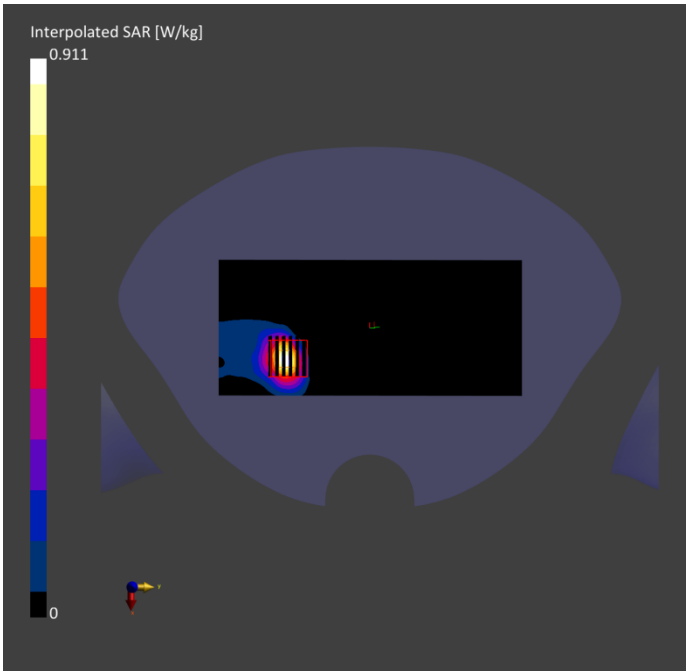
Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-14, 09:22	2024-03-14, 09:29
psSAR1g [W/kg]	0.219	0.216
psSAR10g [W/kg]	0.072	0.056
Power Drift [dB]	-0.30	-0.28
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		7.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)	Power drift exceeds warning threshold.	Peak 10g averaged SAR on boundary. Power drift exceeds warning threshold.

Error(s)



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Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HBBL 5-10000MHz	EDGE TOP, 10.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	7.6	1.86	39.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2097	HBBL 5-10000MHz , 2024-Mar-14	EX3DV4 - SN7738, 2023-12-13	DAE4 Sn1725, 2023-10-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
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	2024-03-15, 09:16	2024-03-15, 09:23
psSAR1g [W/kg]	0.011	0.011
psSAR10g [W/kg]	0.005	0.005
Power Drift [dB]	-0.39	-0.59
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.6
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)	Power drift exceeds warning threshold.	Power drift exceeds warning threshold.
Error(s)		

