

GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), BACK

Exposure Conditions

Band	GSM 850	TSL Permittivity	42.8
Frequency [MHz] Channel Number	824.200 128	TSL Conductivity [S/m]	0.830
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

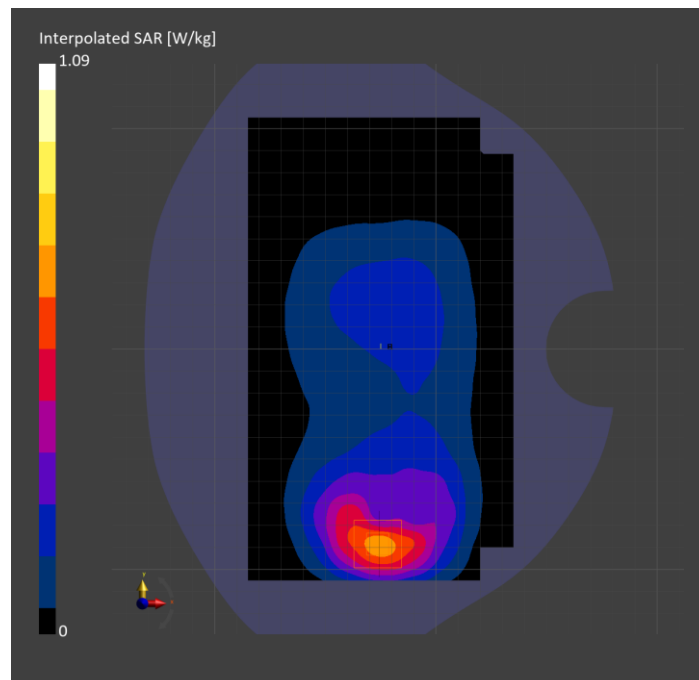
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.10 [-25.6, -87.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.589	0.597
psSAR10g [W/Kg]	0.366	0.335
Power Drift [dB]	N/A	-0.19



GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), TILT

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.4
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.852
Group UID	GSM 10028-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

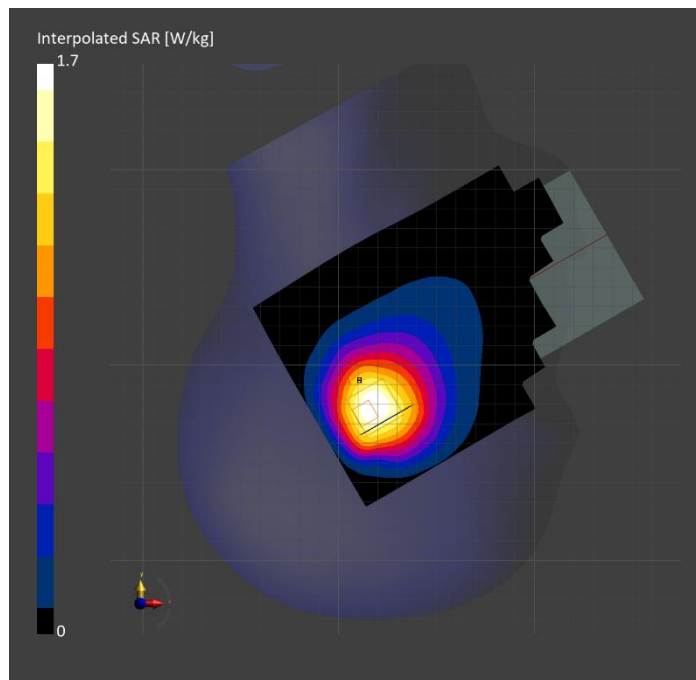
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		62.7
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.70 [15.2, -333.1, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.514	0.590
psSAR10g [W/Kg]	0.339	0.337
Power Drift [dB]	N/A	0.02



GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), BACK

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.4
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.852
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

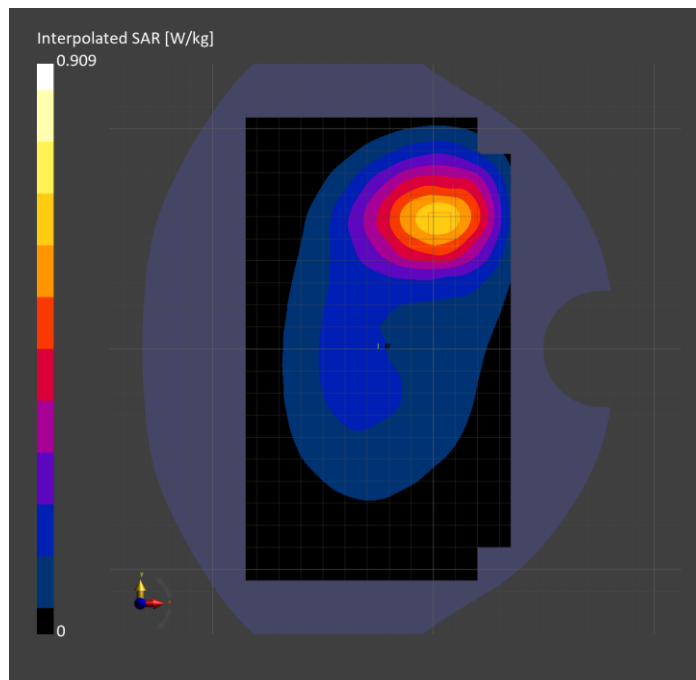
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		87.0
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.909 [8.6, 59.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.585	0.581
psSAR10g [W/Kg]	0.387	0.370
Power Drift [dB]	N/A	-0.03



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), BACK

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.32
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

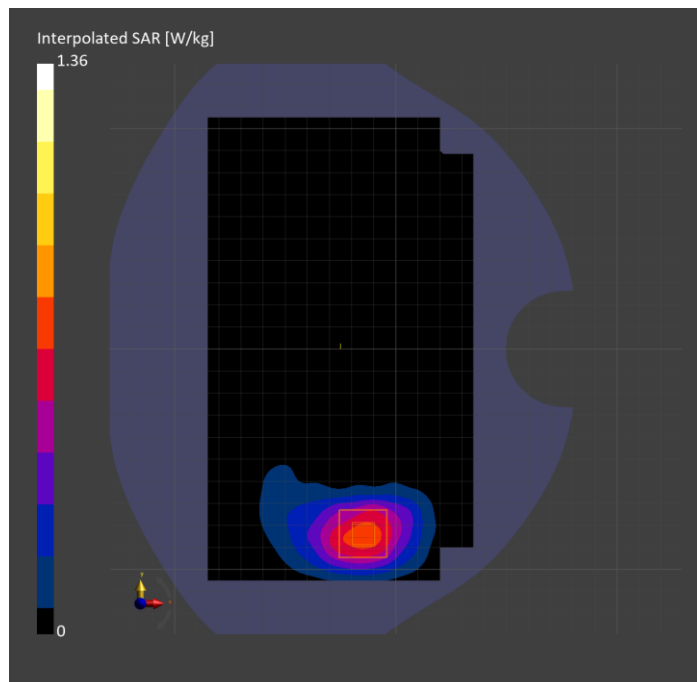
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.8
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.36 [-13.9, -83.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.629	0.802
psSAR10g [W/Kg]	0.359	0.445
Power Drift [dB]	N/A	-0.07



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), EDGE BOTTOM

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.30
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

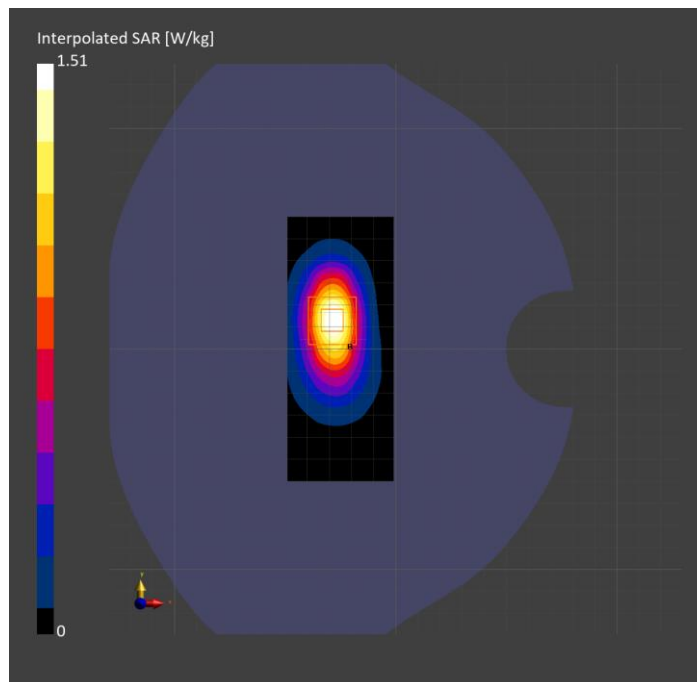
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.8
Dist 3dB Peak [mm]		10.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.51 [-28.8, 12.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.831	0.841
psSAR10g [W/Kg]	0.434	0.453
Power Drift [dB]	N/A	-0.05



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), EDGE BOTTOM

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.30
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	0.00

Hardware Setup

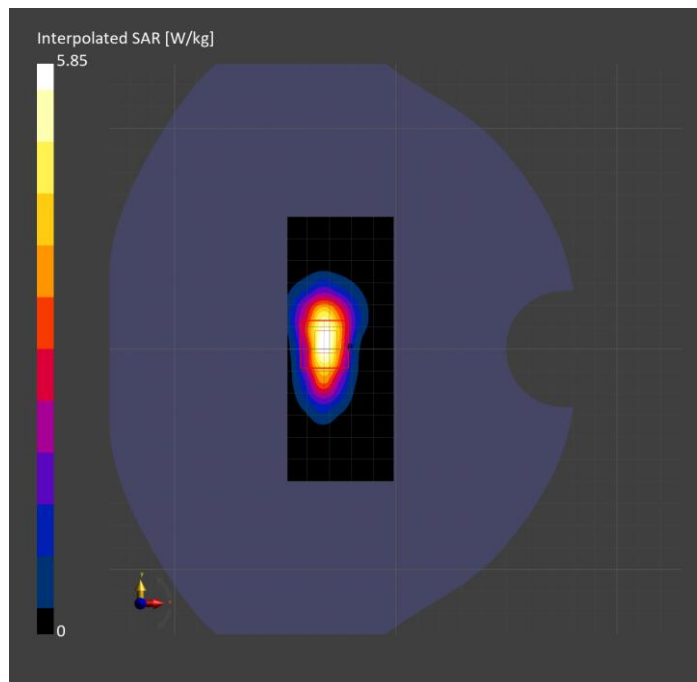
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		66.8
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	5.85 [-32.5, -7.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.29	2.36
psSAR10g [W/Kg]	1.11	1.14
Power Drift [dB]	N/A	0.04



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), CHEEK

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.41
Group UID	GSM 10028-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.09	Test Distance [mm]	0.00

Hardware Setup

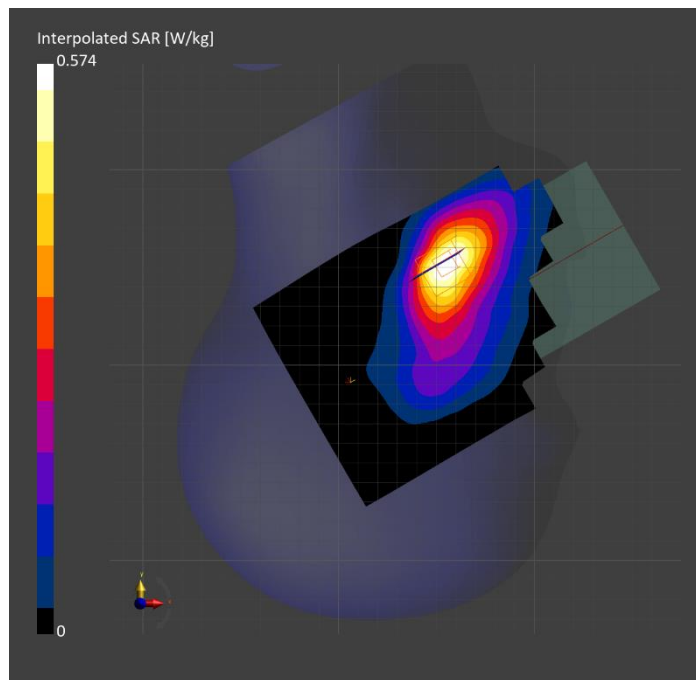
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		91.4
Dist 3dB Peak [mm]		12.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.574 [55.7, -244.8, -173.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.370	0.403
psSAR10g [W/Kg]	0.216	0.256
Power Drift [dB]	N/A	-0.01



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	41.0
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.29
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

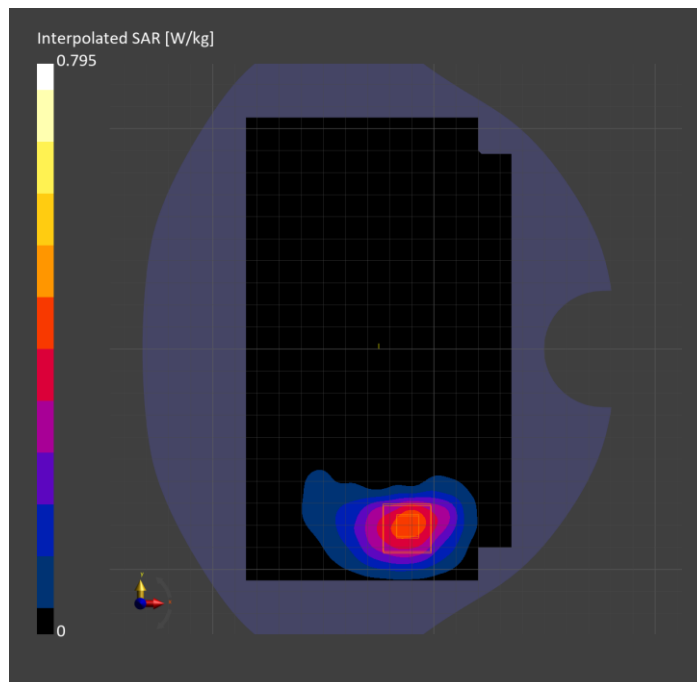
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.0
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.795 [-10.9, -81.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.375	0.443
psSAR10g [W/Kg]	0.209	0.234
Power Drift [dB]	N/A	-0.05



Band 2: UMTS-FDD (WCDMA), EDGE BOTTOM

Exposure Conditions

Band	Band 2	TSL Permittivity	41.1
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.32
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.42	Test Distance [mm]	10.00

Hardware Setup

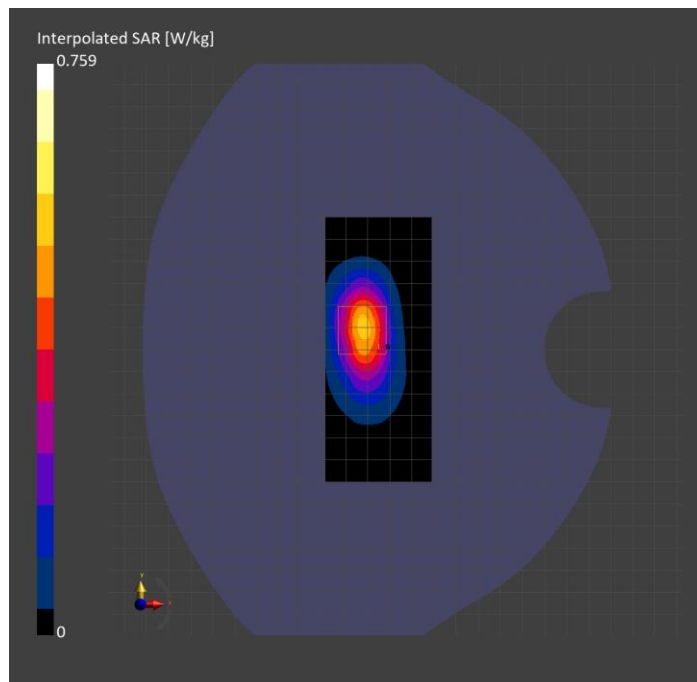
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.4
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.759 [-30.8, 10.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.428	0.439
psSAR10g [W/Kg]	0.221	0.233
Power Drift [dB]	N/A	-0.01



Band 2: UMTS-FDD (WCDMA), EDGE BOTTOM

Exposure Conditions

Band	Band 2	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.41
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.09	Test Distance [mm]	0.00

Hardware Setup

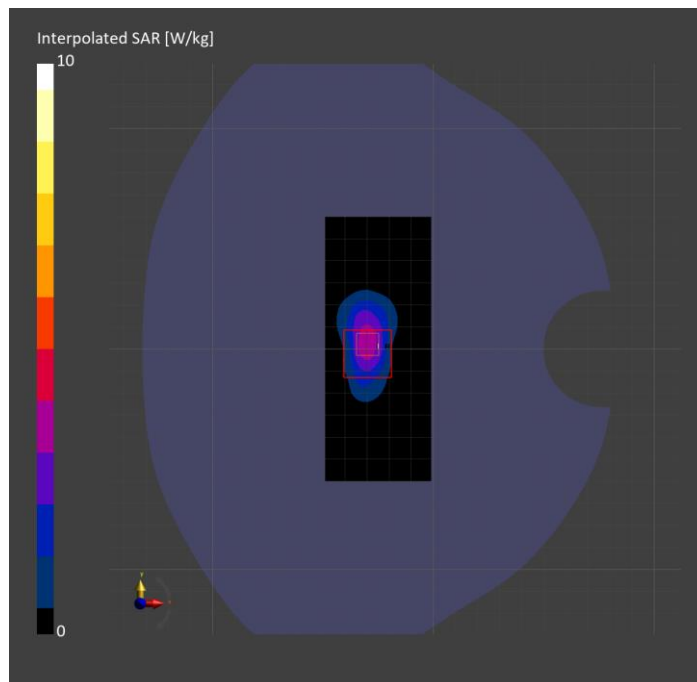
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		67.6
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	10.0 [-30.3, -6.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.05	3.20
psSAR10g [W/Kg]	1.44	1.24
Power Drift [dB]	N/A	-0.05



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	38.7
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.39
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.09	Test Distance [mm]	0.00

Hardware Setup

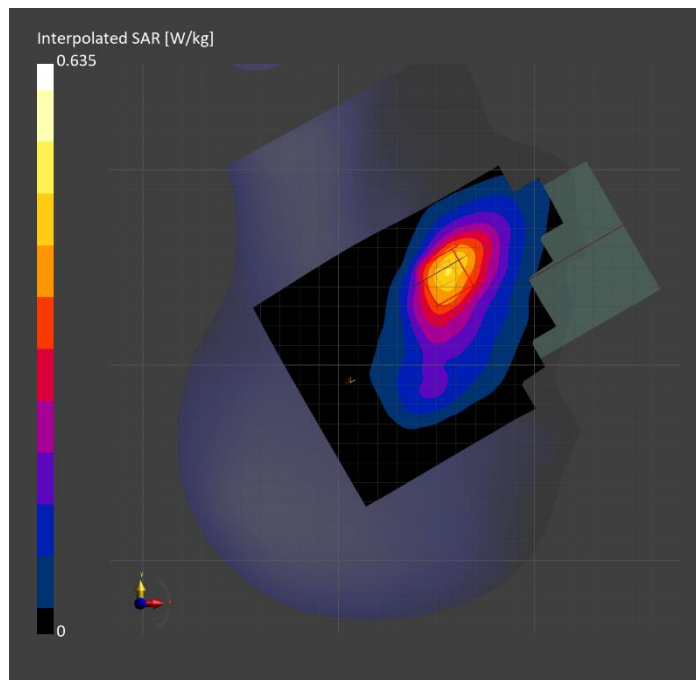
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		89.5
Dist 3dB Peak [mm]		13.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.635 [57.5, -248.2, -173.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.389	0.424
psSAR10g [W/Kg]	0.230	0.268
Power Drift [dB]	N/A	0.05



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.23
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

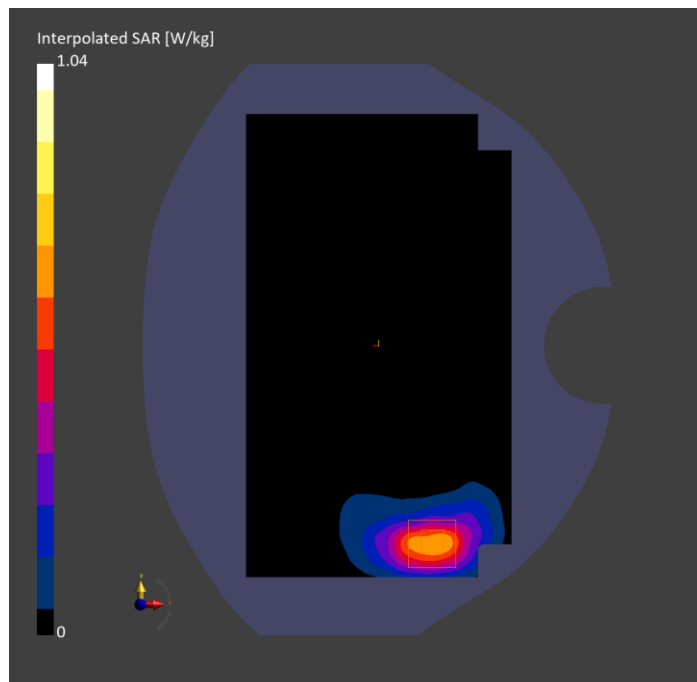
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.4
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.04 [0.2, -88.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.558	0.614
psSAR10g [W/Kg]	0.305	0.334
Power Drift [dB]	N/A	-0.11



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.1
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.21
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	0.00

Hardware Setup

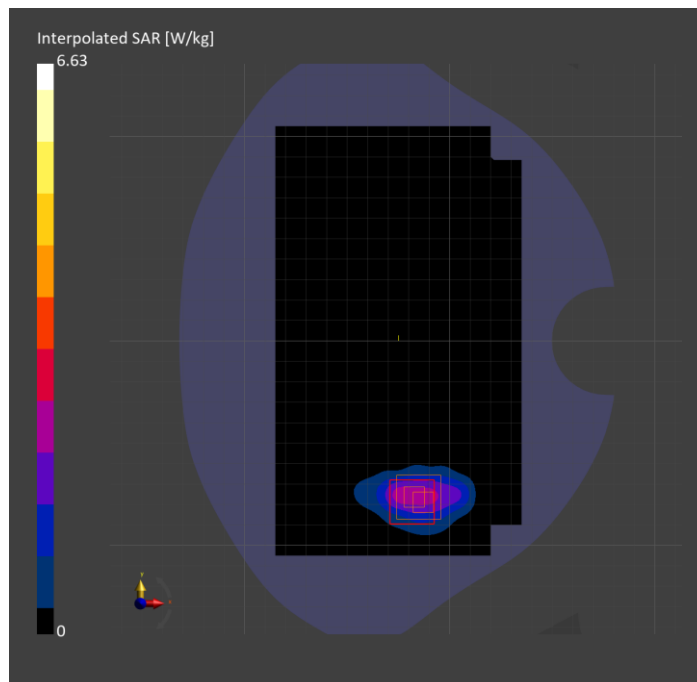
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.4 x 30.4 x 30.0
Grid Steps [mm]	15.0 x 15.0	3.8 x 3.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.0
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	6.63 [-10.6, -78.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.05	2.43
psSAR10g [W/Kg]	1.10	1.07
Power Drift [dB]	N/A	-0.04



Band 4: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 4	TSL Permittivity	38.8
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.30
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.62	Test Distance [mm]	0.00

Hardware Setup

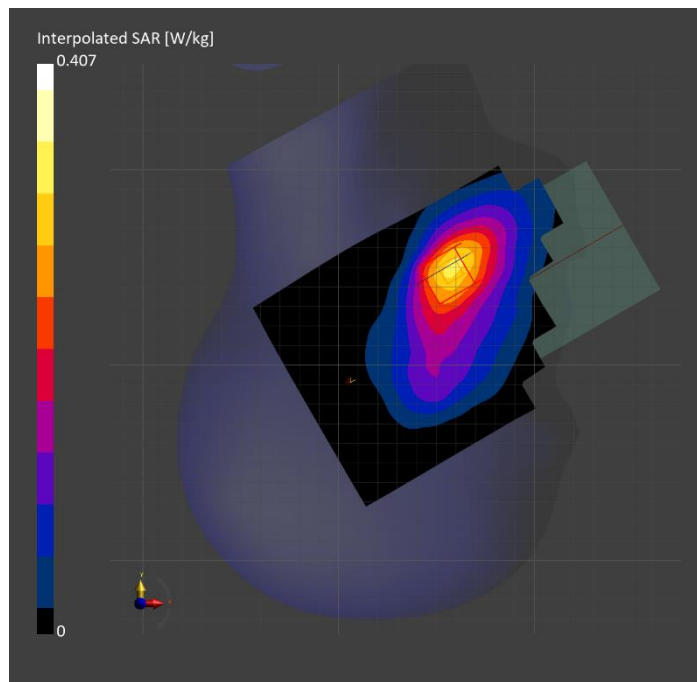
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		89.6
Dist 3dB Peak [mm]		14.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.407 [59.2, -247.1, -173.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.260	0.277
psSAR10g [W/Kg]	0.157	0.180
Power Drift [dB]	N/A	-0.02



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.32
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	10.00

Hardware Setup

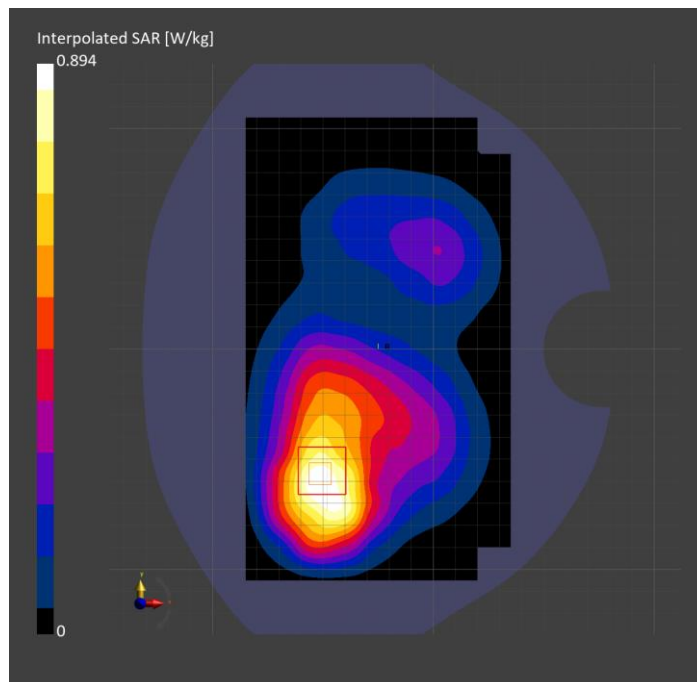
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		22.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.894 [-48.2, -60.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.495	0.511
psSAR10g [W/Kg]	0.305	0.308
Power Drift [dB]	N/A	-0.01



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.7
Frequency [MHz] Channel Number	846.600 4233	TSL Conductivity [S/m]	0.881
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

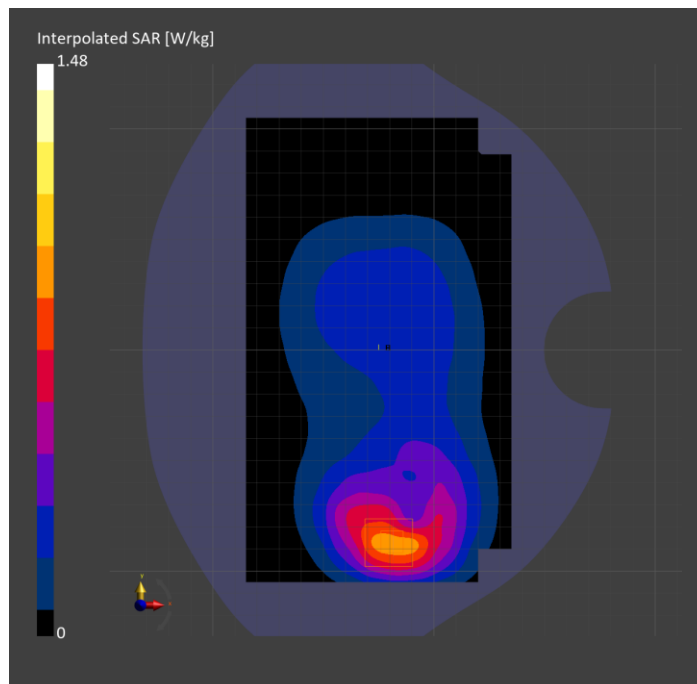
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [-18.4, -85.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.794	0.835
psSAR10g [W/Kg]	0.509	0.481
Power Drift [dB]	N/A	0.01



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.868
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

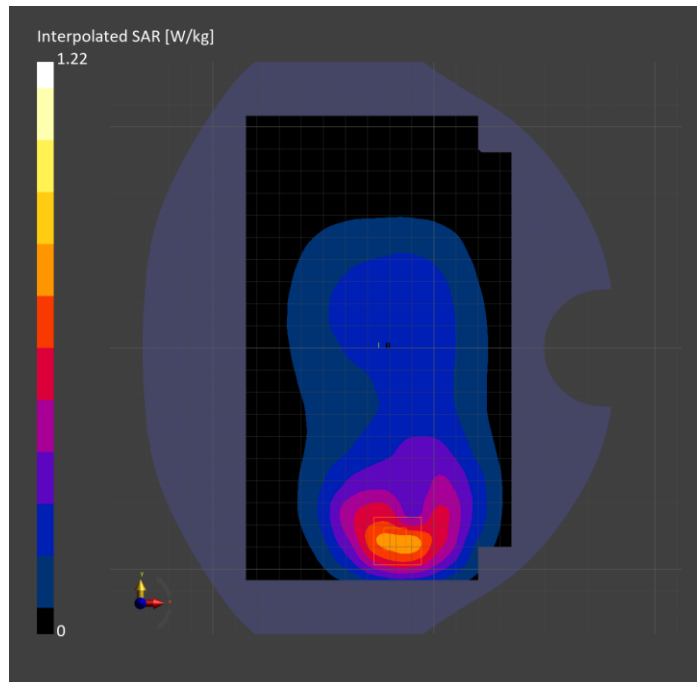
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.3
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [-17.1, -85.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.651	0.688
psSAR10g [W/Kg]	0.418	0.396
Power Drift [dB]	N/A	-0.02



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.4
Frequency [MHz] Channel Number	846.600 4233	TSL Conductivity [S/m]	0.856
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

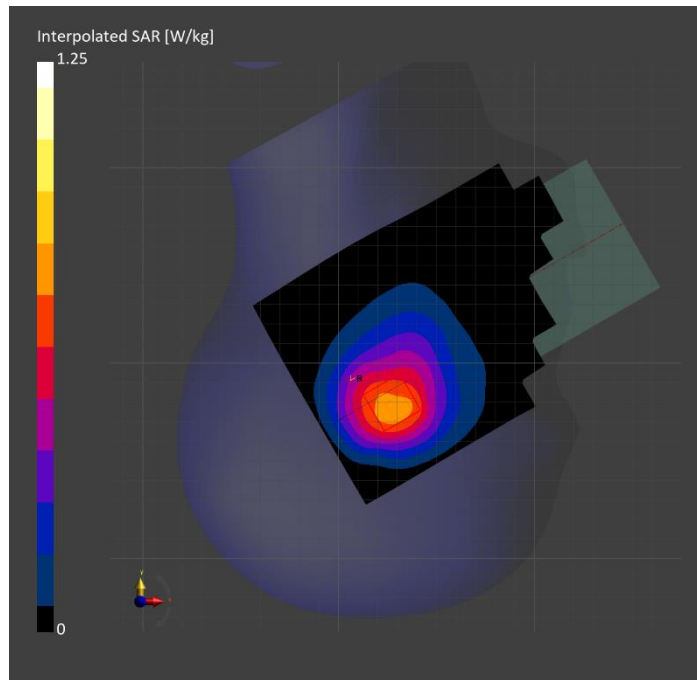
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.3
Dist 3dB Peak [mm]		9.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [12.5, -322.3, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.692	0.676
psSAR10g [W/Kg]	0.463	0.447
Power Drift [dB]	N/A	-0.03



Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.6
Frequency [MHz] Channel Number	831.600 20476	TSL Conductivity [S/m]	0.895
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	10.00

Hardware Setup

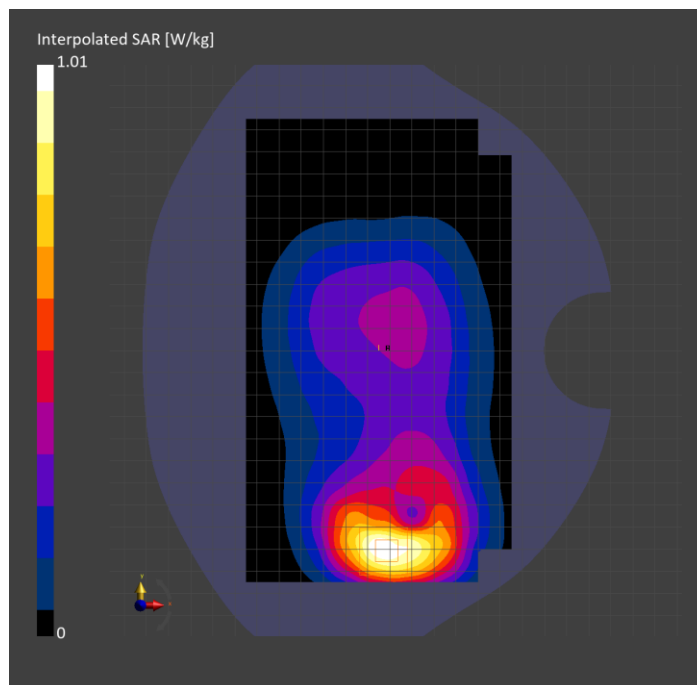
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.01 [-19.7, -89.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.541	0.563
psSAR10g [W/Kg]	0.342	0.318
Power Drift [dB]	N/A	-0.12



Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.6
Frequency [MHz] Channel Number	831.600 20476	TSL Conductivity [S/m]	0.895
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

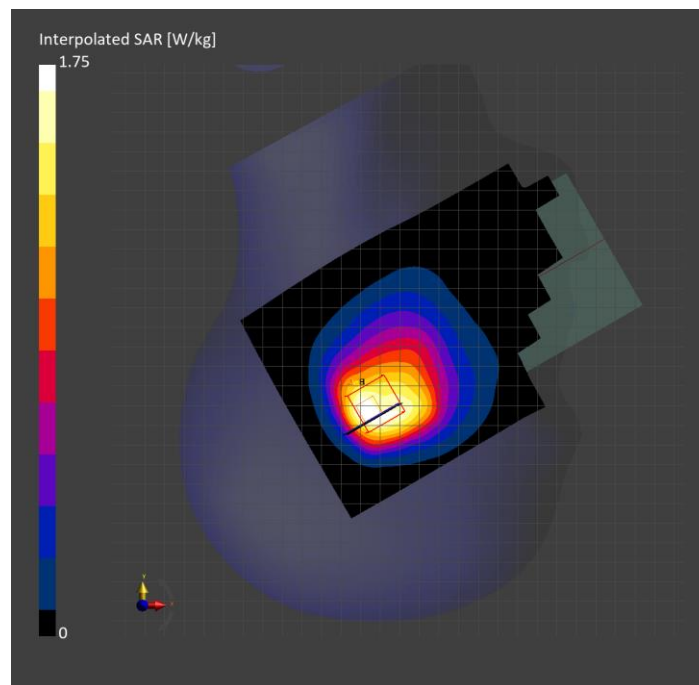
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.9
Dist 3dB Peak [mm]		8.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.75 [14.2, -326.9, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.790	0.789
psSAR10g [W/Kg]	0.527	0.487
Power Drift [dB]	N/A	-0.00



Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 7	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.81
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

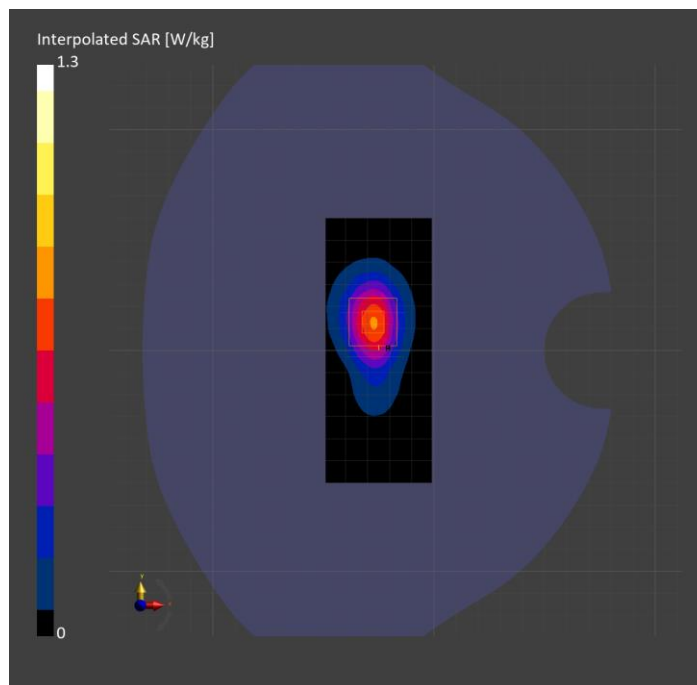
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.30 [-27.4, 12.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.594	0.631
psSAR10g [W/Kg]	0.284	0.304
Power Drift [dB]	N/A	0.07



Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 7	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.81
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

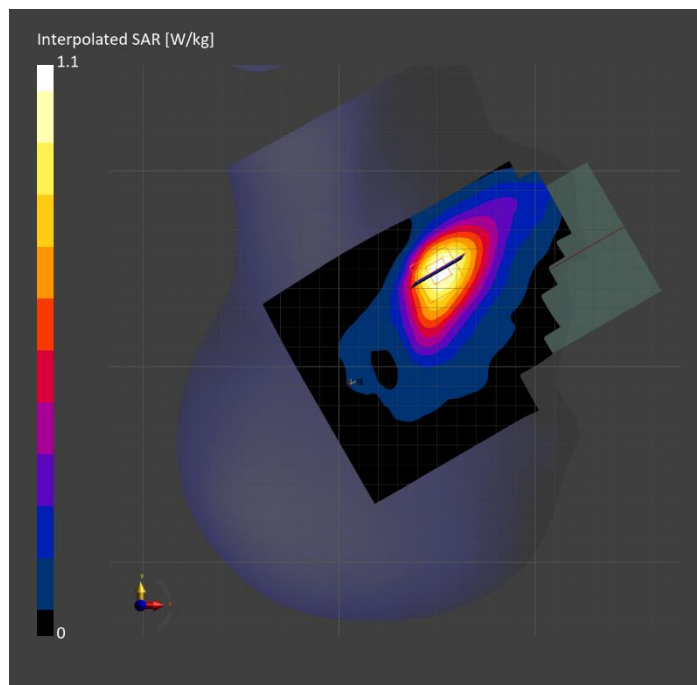
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.8
Dist 3dB Peak [mm]		12.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.10 [54.5, -247.3, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.602	0.661
psSAR10g [W/Kg]	0.321	0.376
Power Drift [dB]	N/A	0.13



Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 7	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.80
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

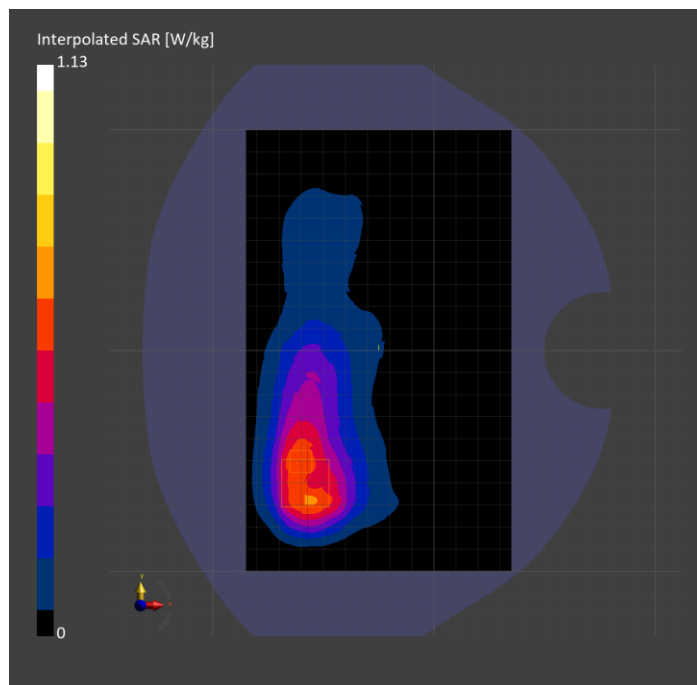
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.7
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-57.0, -70.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.516	0.526
psSAR10g [W/Kg]	0.290	0.286
Power Drift [dB]	N/A	-0.12



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 12	TSL Permittivity	42.9
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.897
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

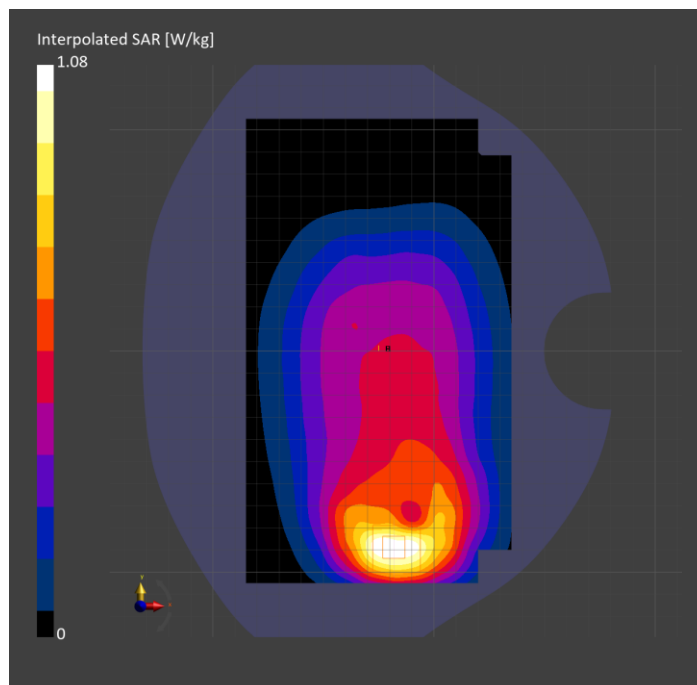
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		12.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-18.2, -87.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.598	0.585
psSAR10g [W/Kg]	0.386	0.335
Power Drift [dB]	N/A	-0.09



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 12	TSL Permittivity	43.2
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.845
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

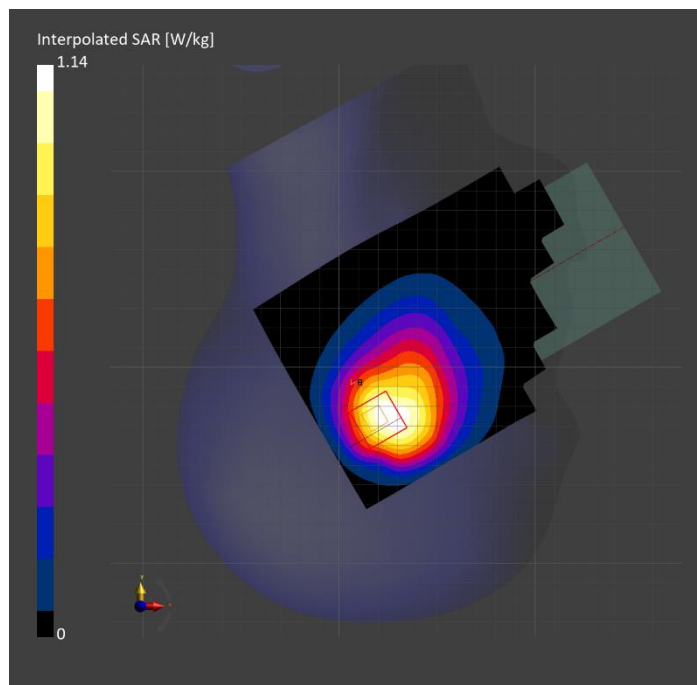
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.3
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.13 [16.0, -334.9, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.520	0.511
psSAR10g [W/Kg]	0.353	0.314
Power Drift [dB]	N/A	0.00



Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 13	TSL Permittivity	42.6
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.922
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

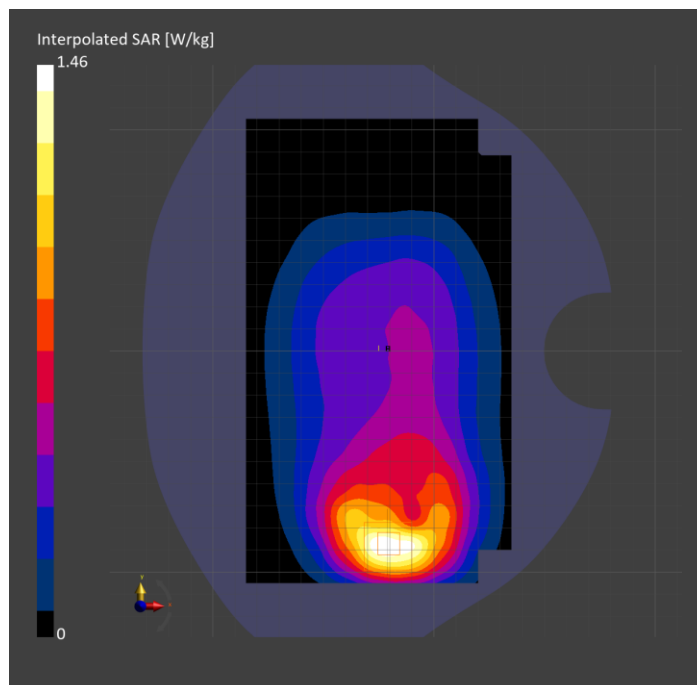
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		12.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.46 [-21.1, -85.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.786	0.807
psSAR10g [W/Kg]	0.502	0.460
Power Drift [dB]	N/A	0.02



Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 13	TSL Permittivity	40.7
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.842
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

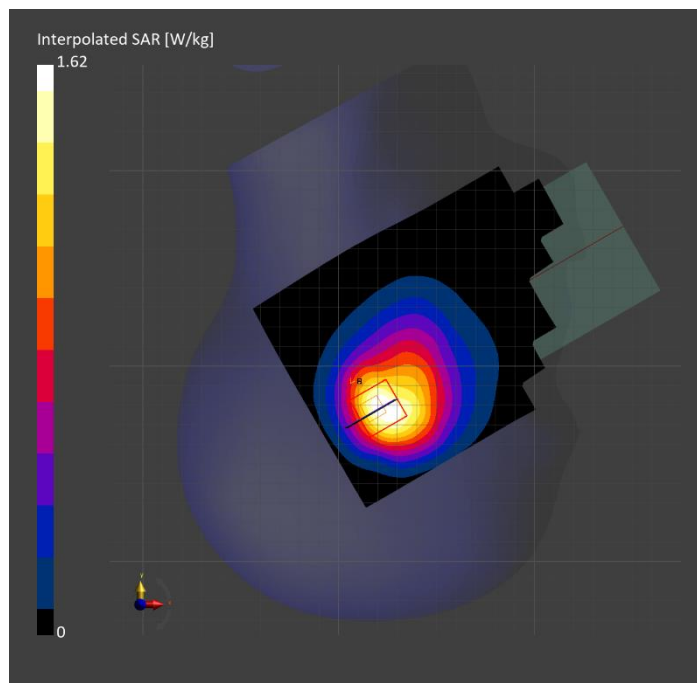
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.3
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.62 [13.4, -325.4, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.751	0.716
psSAR10g [W/Kg]	0.495	0.441
Power Drift [dB]	N/A	-0.02



Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	42.6
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.926
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

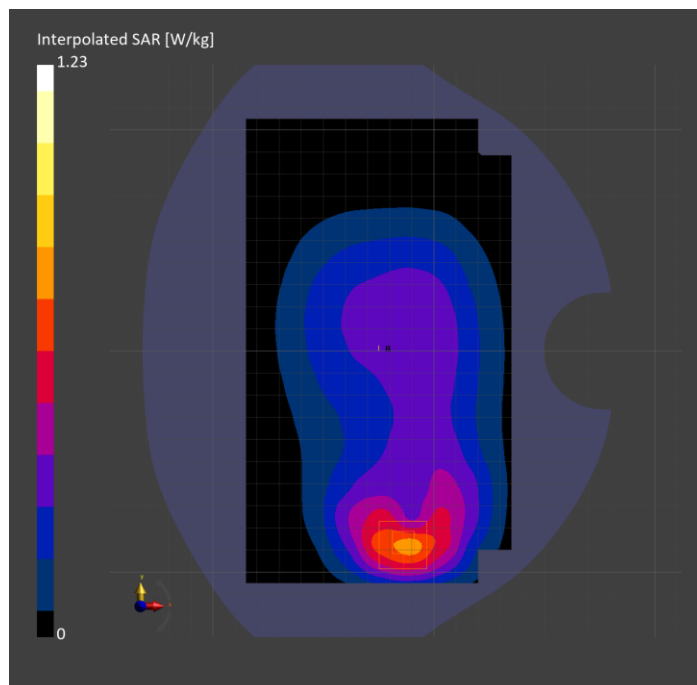
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.23 [-13.9, -85.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.638	0.676
psSAR10g [W/Kg]	0.407	0.385
Power Drift [dB]	N/A	0.02



Band 14: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 14	TSL Permittivity	42.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.852
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

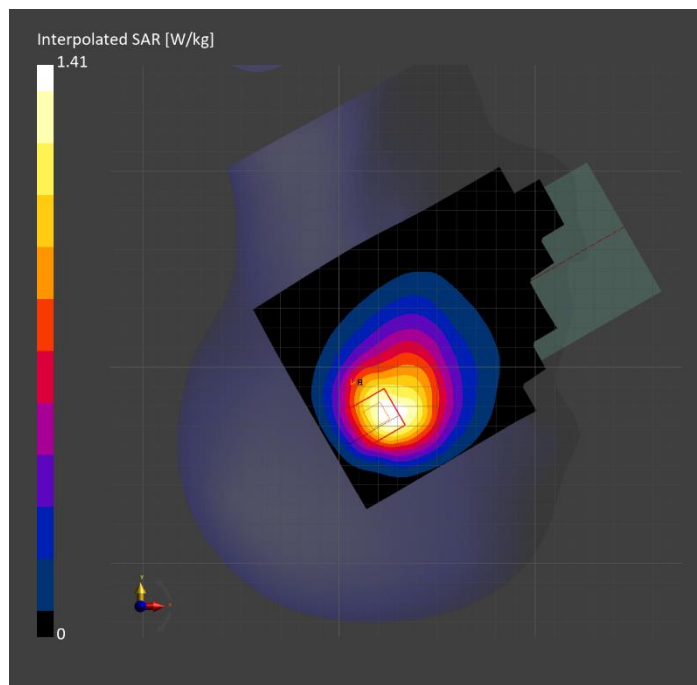
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.41 [17.9, -332.1, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.731	0.687
psSAR10g [W/Kg]	0.486	0.407
Power Drift [dB]	N/A	0.00



**Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO, EDGE BOTTOM**

Exposure Conditions

Band	Band 25	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.38
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.09	Test Distance [mm]	10.00

Hardware Setup

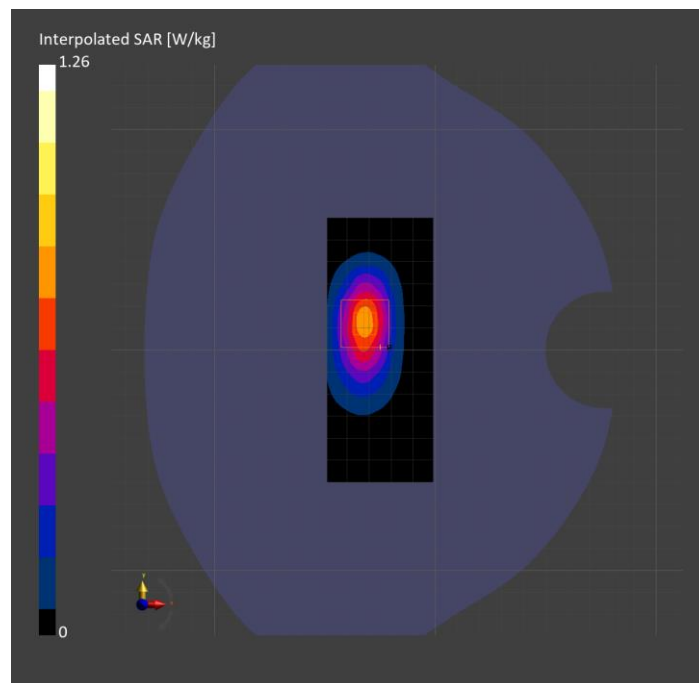
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.26 [-32.3, 13.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.648	0.665
psSAR10g [W/Kg]	0.333	0.341
Power Drift [dB]	N/A	0.00



Band 25: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 25	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.41
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.09	Test Distance [mm]	0.00

Hardware Setup

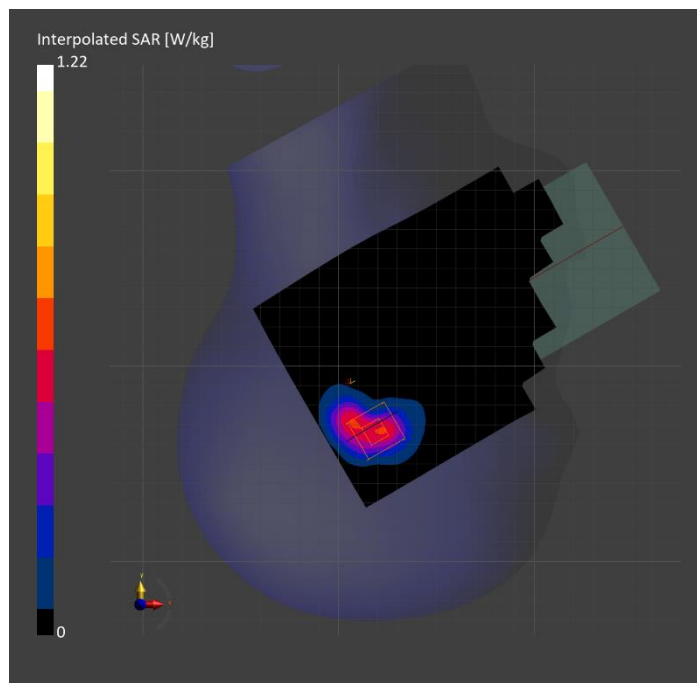
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [13.5, -333.4, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.497	0.551
psSAR10g [W/Kg]	0.268	0.267
Power Drift [dB]	N/A	-0.18



Band 25: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 25	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.43
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.06	Test Distance [mm]	10.00

Hardware Setup

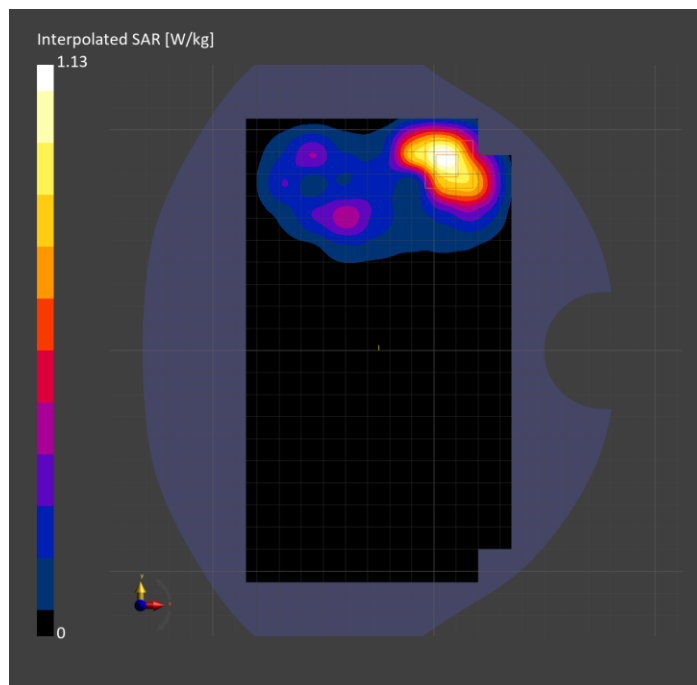
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.3
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.13 [5.6, 83.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.524	0.615
psSAR10g [W/Kg]	0.282	0.312
Power Drift [dB]	N/A	0.03



Band 26: LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 26	TSL Permittivity	42.8
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.887
Group UID	LTE-FDD 10160-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

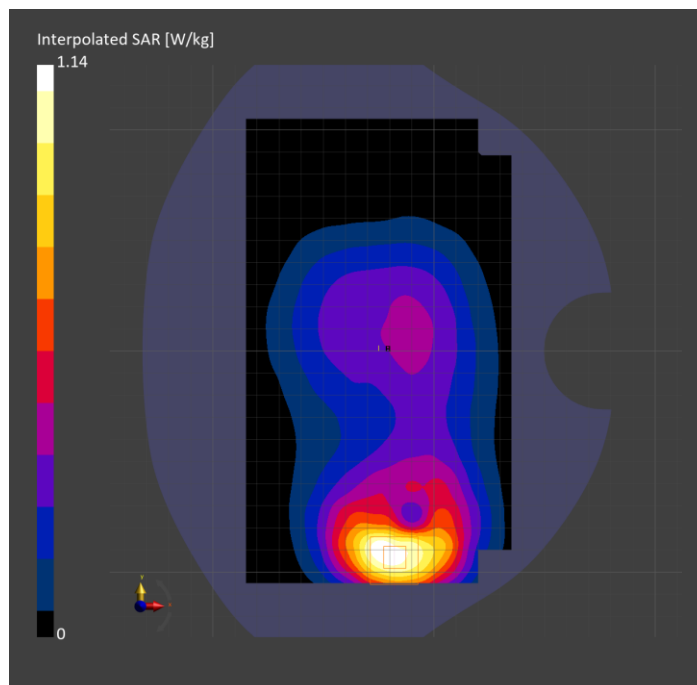
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.2
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.14 [-17.9, -92.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.595	0.628
psSAR10g [W/Kg]	0.380	0.355
Power Drift [dB]	N/A	-0.12



Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 26	TSL Permittivity	42.8
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.877
Group UID	LTE-FDD 10181-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

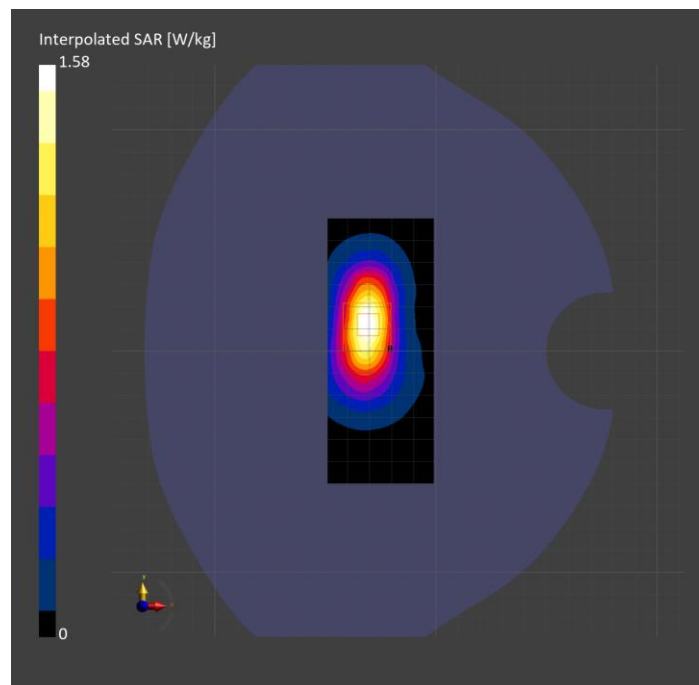
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.9
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.58 [-30.8, 12.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.789	0.778
psSAR10g [W/Kg]	0.456	0.411
Power Drift [dB]	N/A	-0.05



Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band 26	TSL Permittivity	43.4
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.849
Group UID	LTE-FDD 10181-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

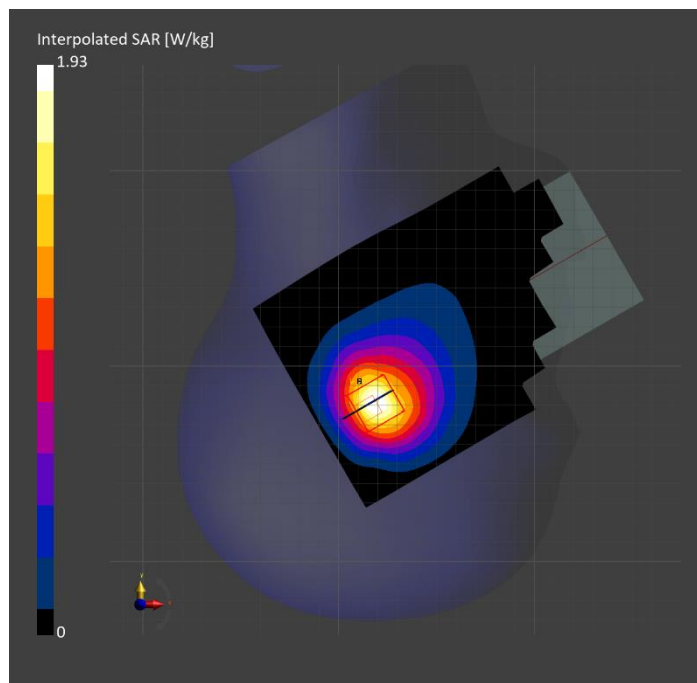
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.9
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.93 [11.5, -320.9, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.655	0.709
psSAR10g [W/Kg]	0.408	0.390
Power Drift [dB]	N/A	-0.01



Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 30	TSL Permittivity	39.0
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.64
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.82	Test Distance [mm]	10.00

Hardware Setup

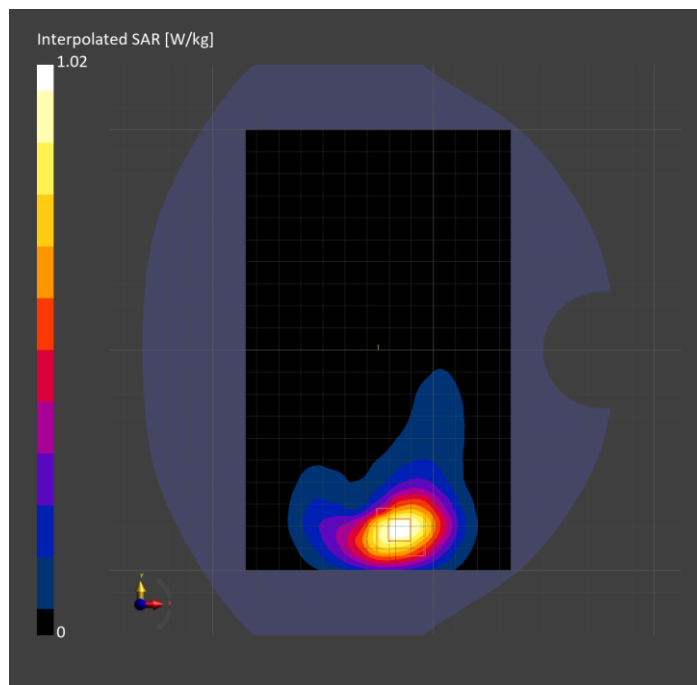
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		10.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.02 [-17.0, -82.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.524	0.537
psSAR10g [W/Kg]	0.270	0.280
Power Drift [dB]	N/A	-0.03



Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 30	TSL Permittivity	39.0
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.64
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.82	Test Distance [mm]	10.00

Hardware Setup

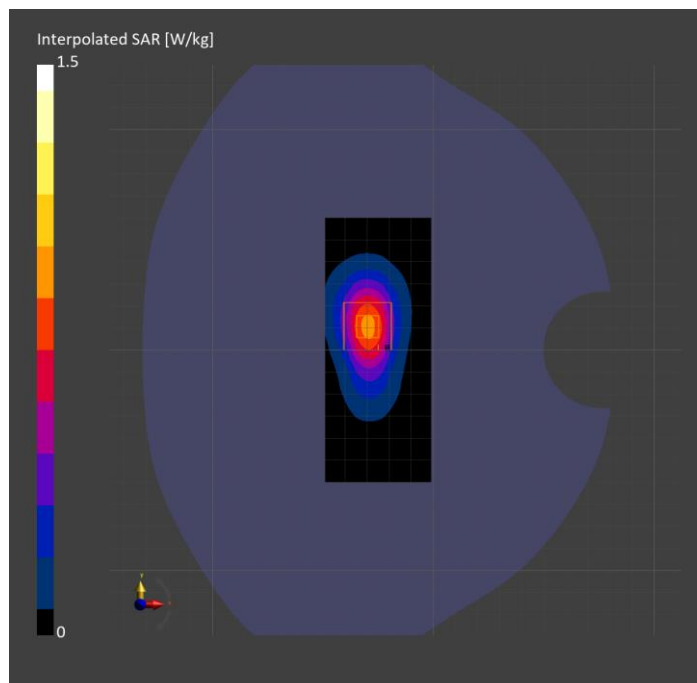
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.50 [-29.8, 10.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.729	0.755
psSAR10g [W/Kg]	0.361	0.378
Power Drift [dB]	N/A	-0.02



Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 30	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.72
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.82	Test Distance [mm]	0.00

Hardware Setup

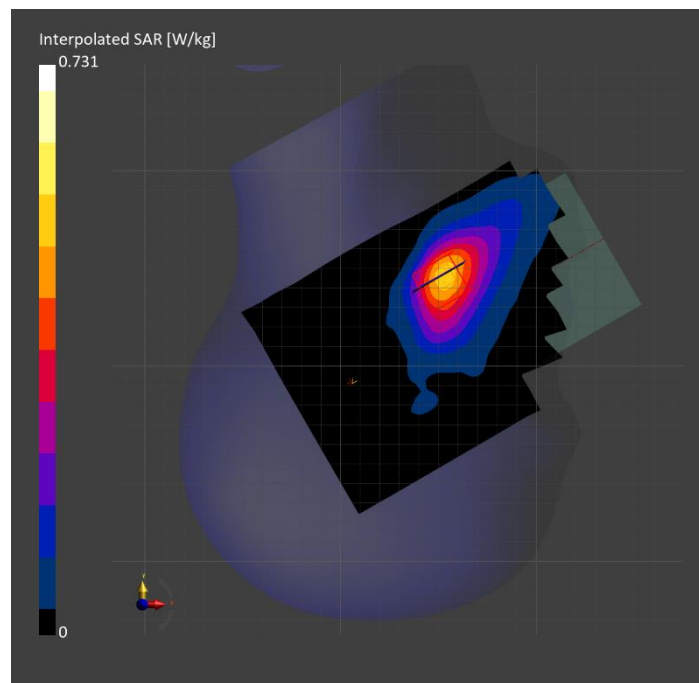
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.1
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.731 [51.8, -252.4, -174.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.428	0.450
psSAR10g [W/Kg]	0.233	0.260
Power Drift [dB]	N/A	-0.01



Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 41	TSL Permittivity	39.2
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.89
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

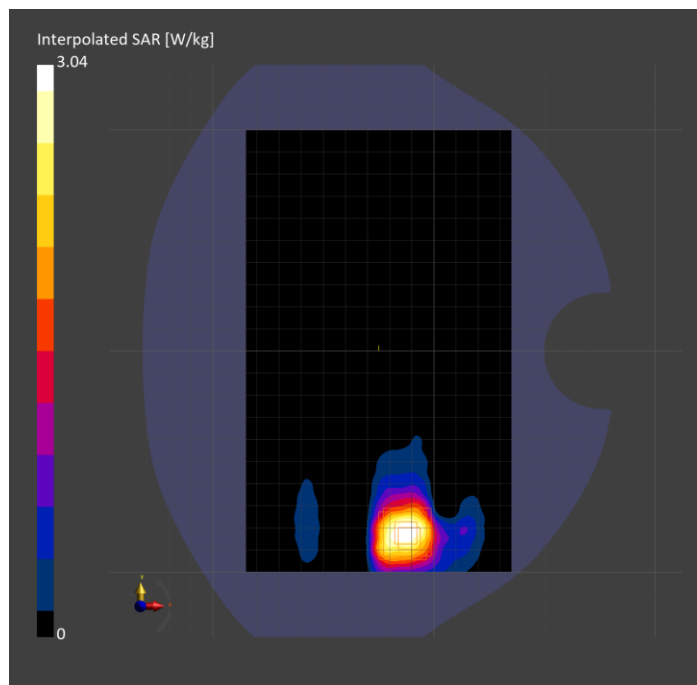
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.3
Dist 3dB Peak [mm]		1.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.04 [-10.2, -82.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.616	0.519
psSAR10g [W/Kg]	0.309	0.220
Power Drift [dB]	N/A	-0.02



Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Low AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 41	TSL Permittivity	38.6
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.90
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

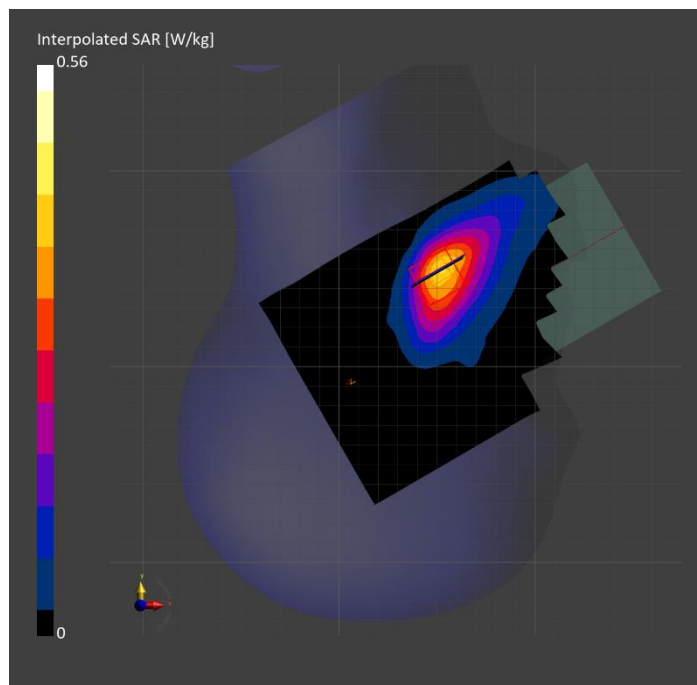
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.6
Dist 3dB Peak [mm]		12.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.560 [51.9, -248.8, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.332	0.342
psSAR10g [W/Kg]	0.175	0.192
Power Drift [dB]	N/A	-0.02



Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:High AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 41	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.80
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.19	Test Distance [mm]	10.00

Hardware Setup

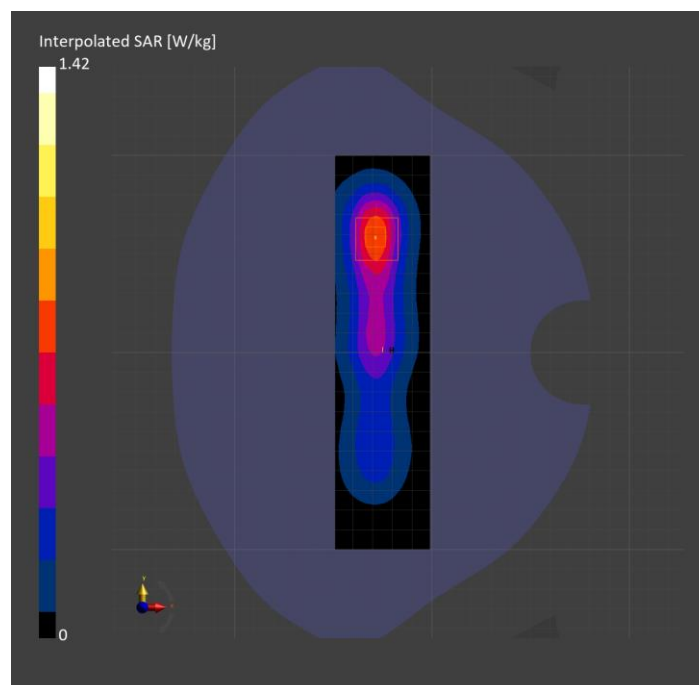
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.42 [-28.2, 63.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.731
psSAR10g [W/Kg]	0.329	0.377
Power Drift [dB]	N/A	0.01



Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 48	TSL Permittivity	37.9
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.91
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.89	Test Distance [mm]	10.00

Hardware Setup

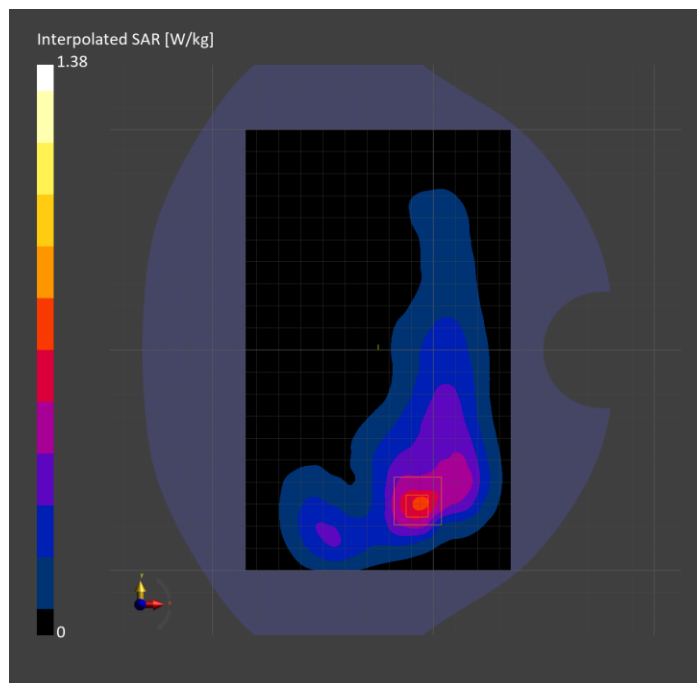
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.3
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-6.0, -72.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.538	0.567
psSAR10g [W/Kg]	0.244	0.252
Power Drift [dB]	N/A	0.01



Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Low AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 48	TSL Permittivity	37.9
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.91
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	6.89	Test Distance [mm]	0.00

Hardware Setup

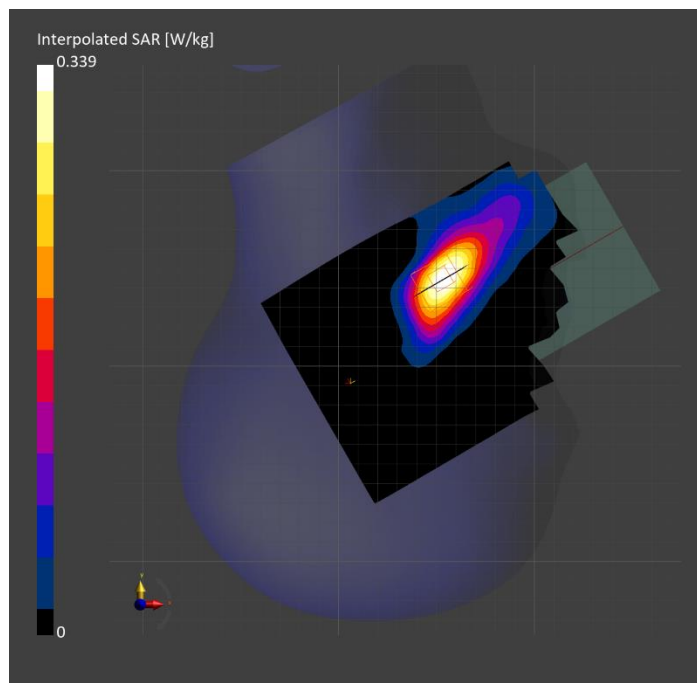
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		9.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.339 [51.1, -256.6, -175.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.154	0.154
psSAR10g [W/Kg]	0.071	0.069
Power Drift [dB]	N/A	-0.07



Band 66: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 66	TSL Permittivity	40.7
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.33
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	10.00

Hardware Setup

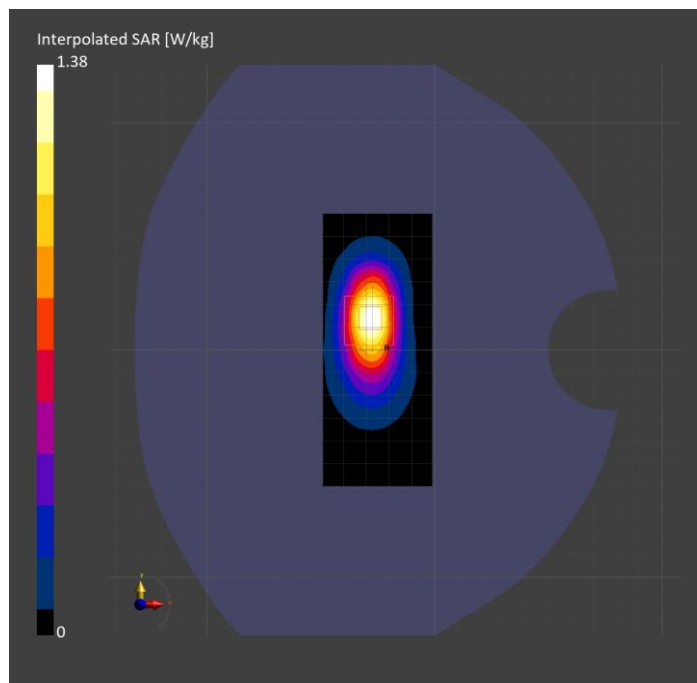
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		8.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-27.3, 14.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.697	0.719
psSAR10g [W/Kg]	0.357	0.369
Power Drift [dB]	N/A	0.01



Band 66: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band 66	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.24
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

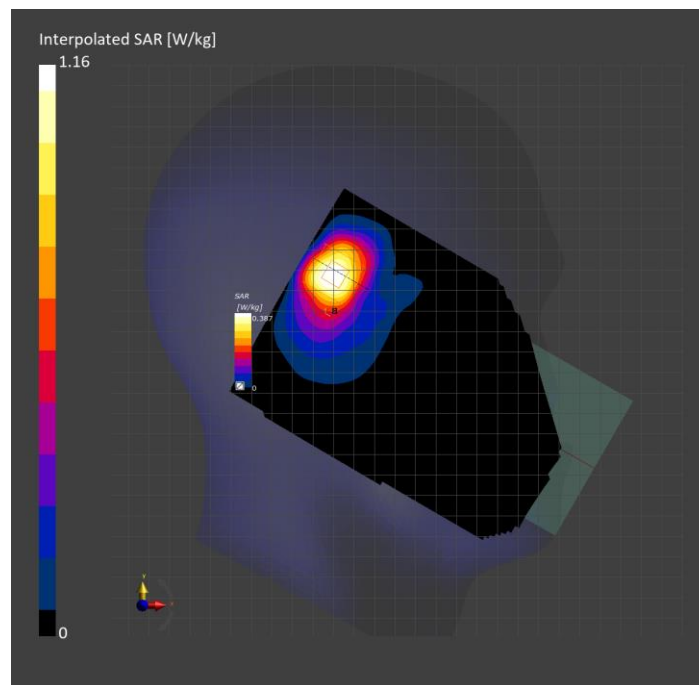
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	4.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.16 [12.1, 329.0, -176.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]		0.541
psSAR10g [W/Kg]		0.252
Power Drift [dB]		-0.02



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 66	TSL Permittivity	38.8
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	10.00

Hardware Setup

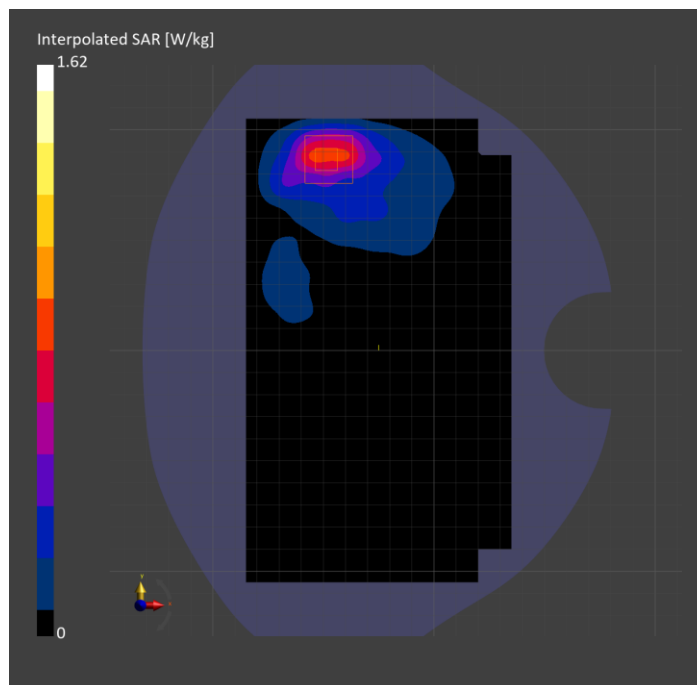
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.4
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.62 [-50.6, 84.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.701	0.865
psSAR10g [W/Kg]	0.386	0.449
Power Drift [dB]	N/A	-0.04



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 71	TSL Permittivity	41.1
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.855
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

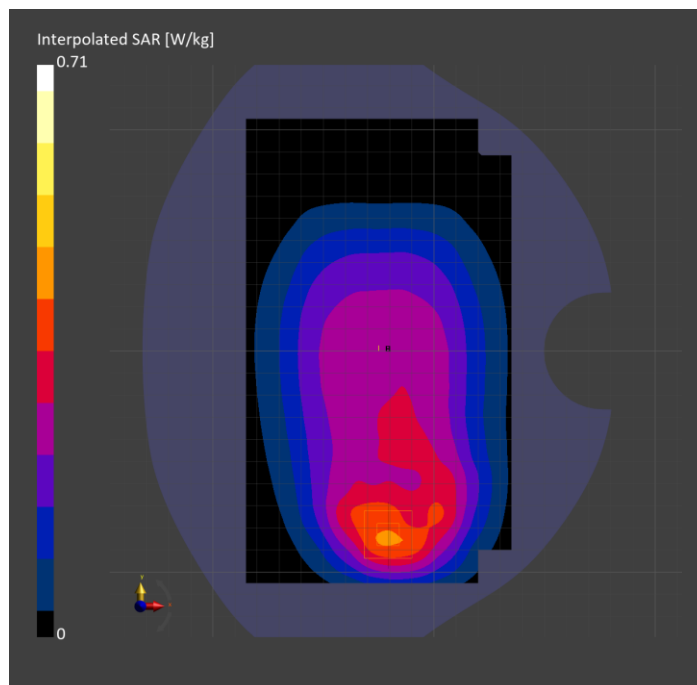
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		14.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.710 [-20.6, -82.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.371	0.394
psSAR10g [W/Kg]	0.254	0.235
Power Drift [dB]	N/A	-0.01



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 71	TSL Permittivity	41.1
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.855
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

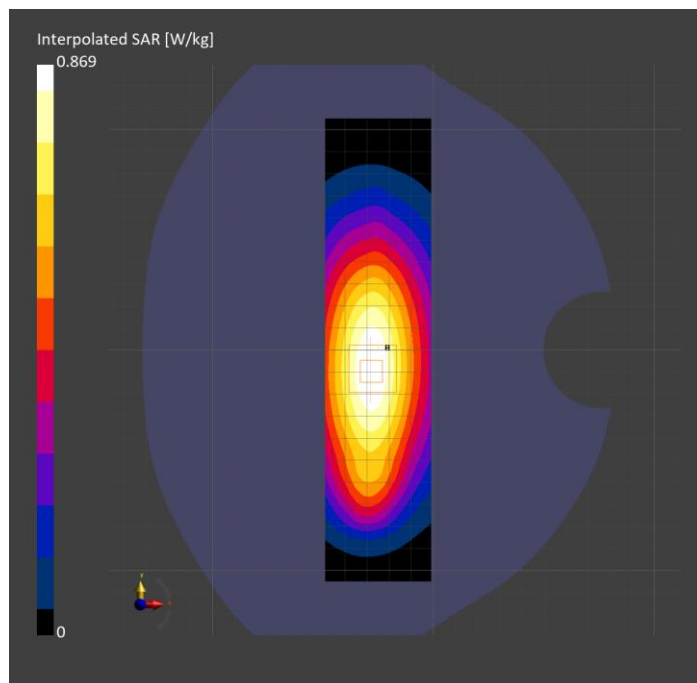
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.7
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.869 [-28.5, -12.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.537	0.568
psSAR10g [W/Kg]	0.370	0.392
Power Drift [dB]	N/A	0.04



**Band 71: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band 71	TSL Permittivity	45.8
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.812
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

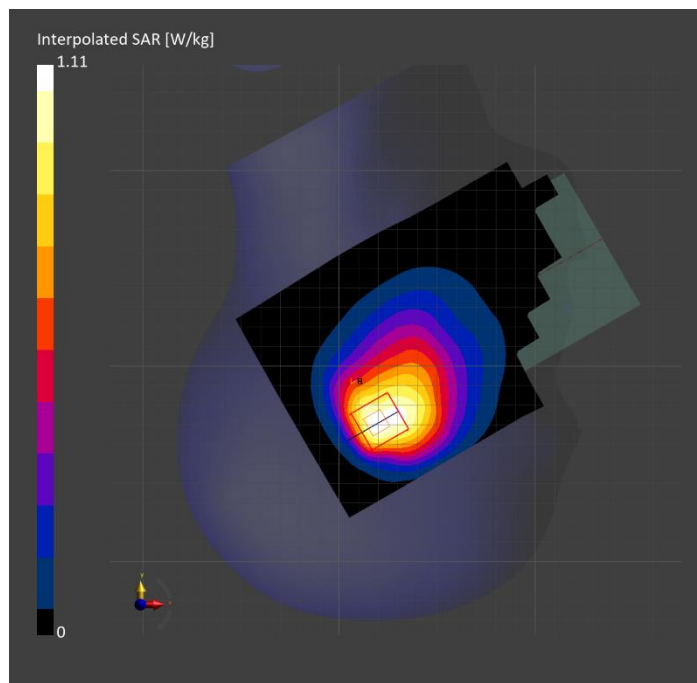
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.7
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [14.8, -332.5, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.450	0.495
psSAR10g [W/Kg]	0.308	0.299
Power Drift [dB]	N/A	-0.10



**Band n7: 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band n7	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.89
Group UID	5G NR FR1 FDD 10943-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

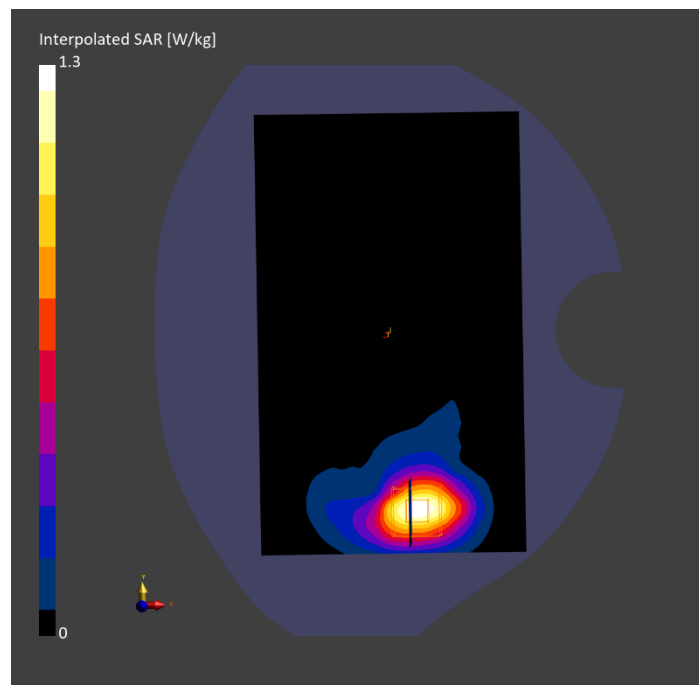
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.30 [-16.5, -80.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.668	0.670
psSAR10g [W/Kg]	0.336	0.343
Power Drift [dB]	N/A	-0.03



**Band n7: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, EDGE BOTTOM**

Exposure Conditions

Band	Band n7	TSL Permittivity	37.5
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.78
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

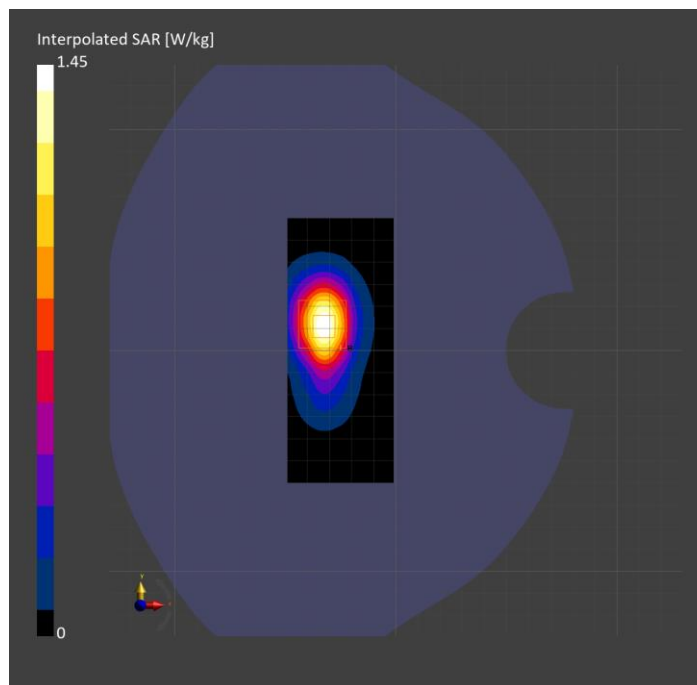
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.45 [-32.2, 11.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.679	0.710
psSAR10g [W/Kg]	0.324	0.343
Power Drift [dB]	N/A	-0.05



**Band n7: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, EDGE BOTTOM**

Exposure Conditions

Band	Band n7	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

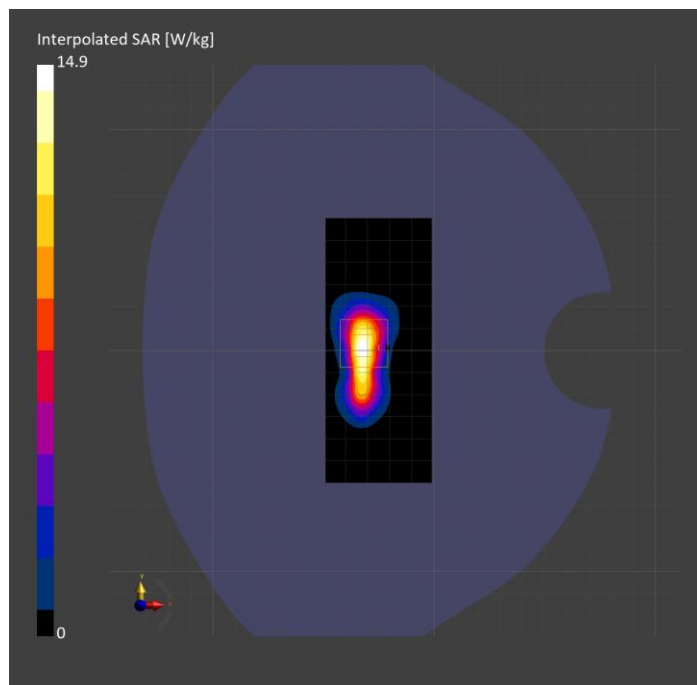
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.4
Dist 3dB Peak [mm]		4.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	14.9 [-32.4, -9.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.63	4.93
psSAR10g [W/Kg]	1.87	1.91
Power Drift [dB]	N/A	-0.19



**Band n7: 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n7	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.81
Group UID	5G NR FR1 FDD 10943-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

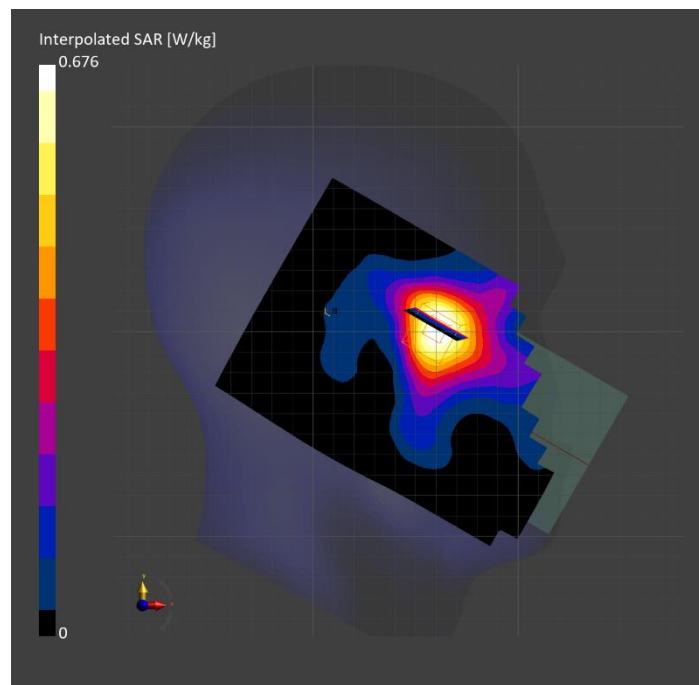
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.8
Dist 3dB Peak [mm]		17.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.676 [63.7, 304.5, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.394	0.412
psSAR10g [W/Kg]	0.217	0.238
Power Drift [dB]	N/A	-0.04



Band n12: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n12	TSL Permittivity	40.5
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.825
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

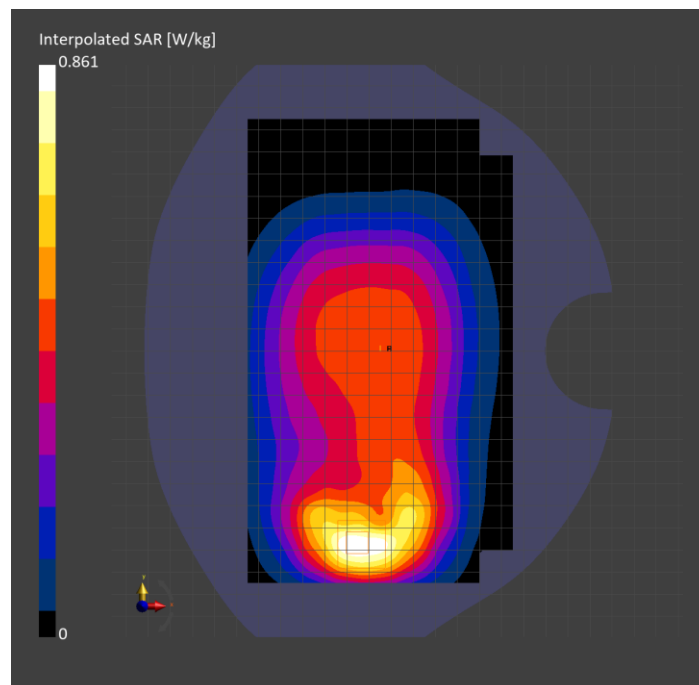
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		12.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.861 [-35.4, -85.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.472	0.481
psSAR10g [W/Kg]	0.309	0.280
Power Drift [dB]	N/A	-0.01



**Band n12: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:High
AntennaCfg:SISO, EDGE LEFT**

Exposure Conditions

Band	Band n12	TSL Permittivity	39.9
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.919
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

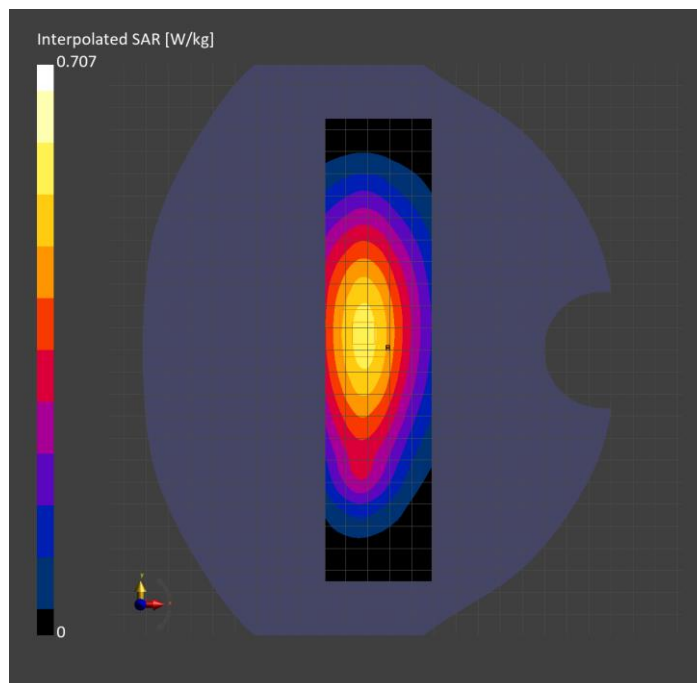
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		89.7
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.707 [-30.8, 4.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.491	0.499
psSAR10g [W/Kg]	0.338	0.349
Power Drift [dB]	N/A	0.02



Band n12: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n12	TSL Permittivity	39.7
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.815
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

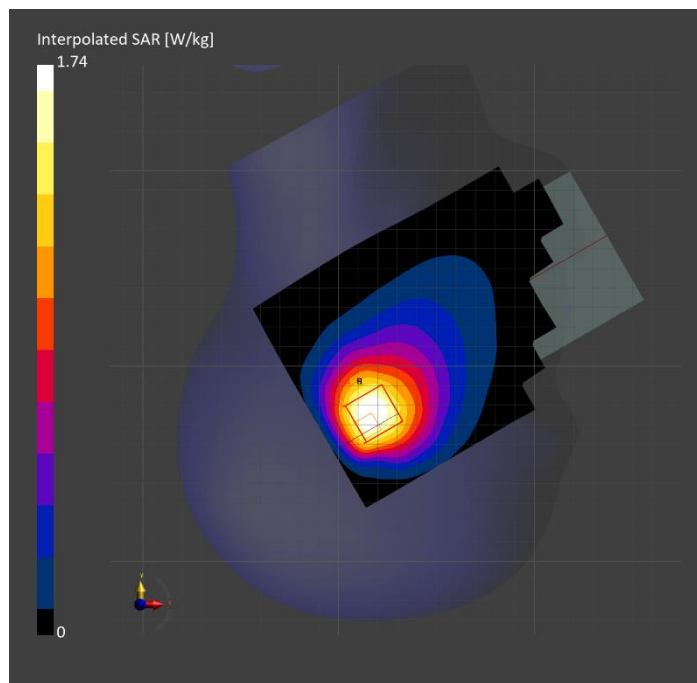
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.4
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.74 [14.7, -333.5, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.428	0.540
psSAR10g [W/Kg]	0.287	0.286
Power Drift [dB]	N/A	0.01



Band n14: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n14	TSL Permittivity	40.3
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.857
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

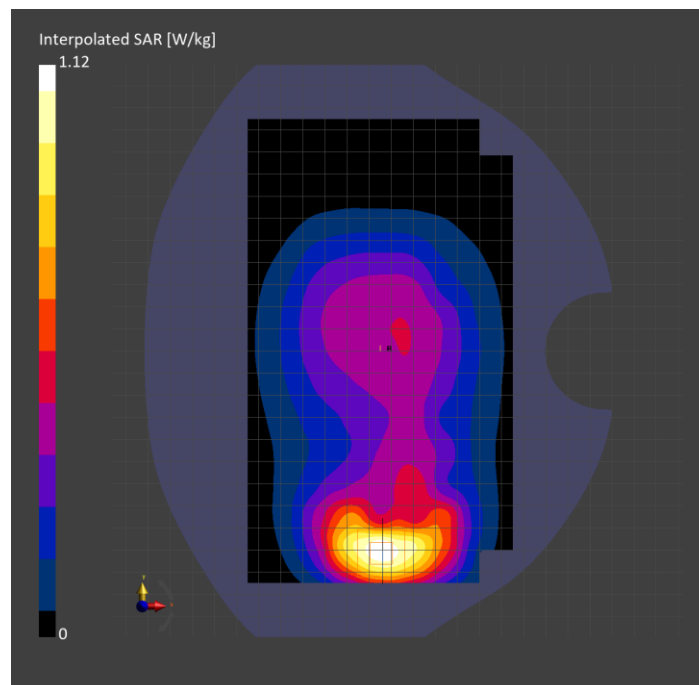
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.9
Dist 3dB Peak [mm]		10.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.12 [-23.9, -89.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.645	0.625
psSAR10g [W/Kg]	0.411	0.358
Power Drift [dB]	N/A	0.05



**Band n14: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n14	TSL Permittivity	45.2
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.845
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	8.87	Test Distance [mm]	0.00

Hardware Setup

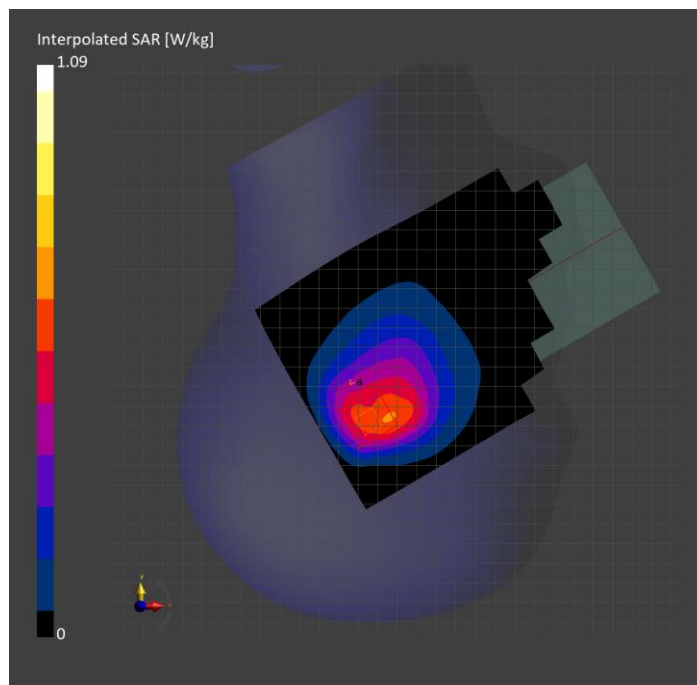
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.09 [13.2, -333.8, -173.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.542	0.543
psSAR10g [W/Kg]	0.368	0.324
Power Drift [dB]	N/A	-0.09



Band n25: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n25	TSL Permittivity	38.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.44
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.09	Test Distance [mm]	10.00

Hardware Setup

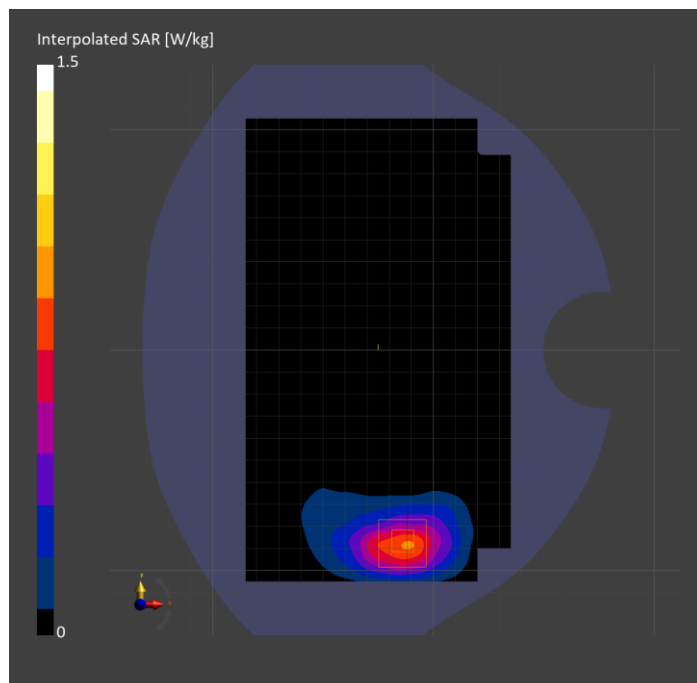
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.3
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.50 [-11.7, -85.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.710	0.802
psSAR10g [W/Kg]	0.384	0.421
Power Drift [dB]	N/A	-0.05



Band n25: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n25	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.41
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.09	Test Distance [mm]	10.00

Hardware Setup

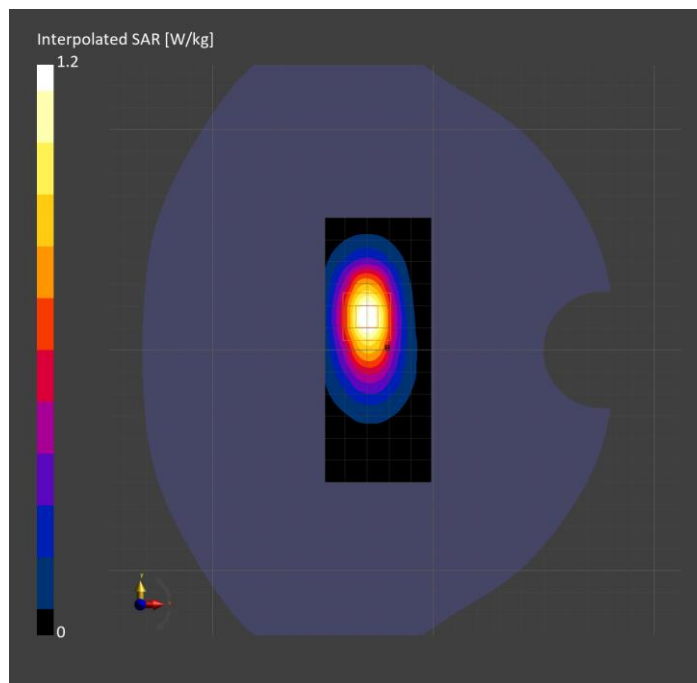
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.19 [-29.2, 16.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.629	0.645
psSAR10g [W/Kg]	0.329	0.341
Power Drift [dB]	N/A	-0.02



Band n25: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n25	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.32
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	0.00

Hardware Setup

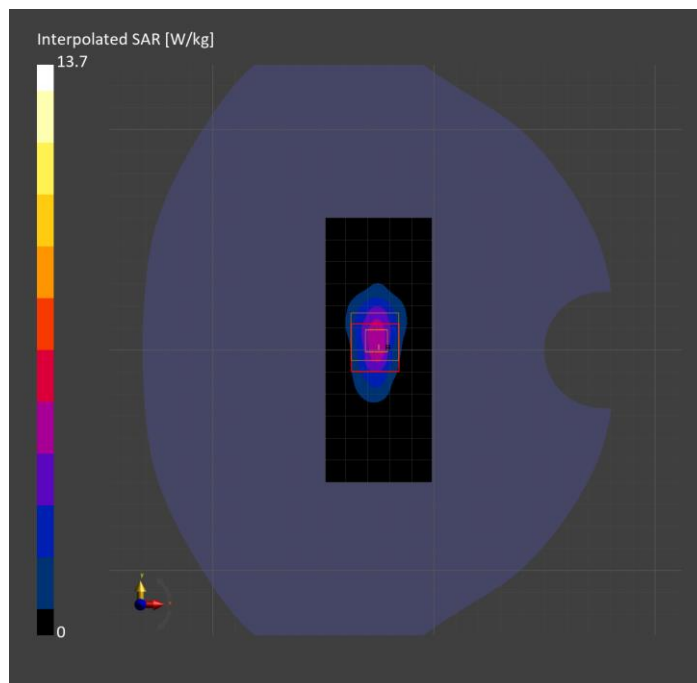
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		66.3
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	13.7 [-26.8, -5.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.25	4.42
psSAR10g [W/Kg]	1.98	1.91
Power Drift [dB]	N/A	0.00



Band n25: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n25	TSL Permittivity	38.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.44
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.09	Test Distance [mm]	0.00

Hardware Setup

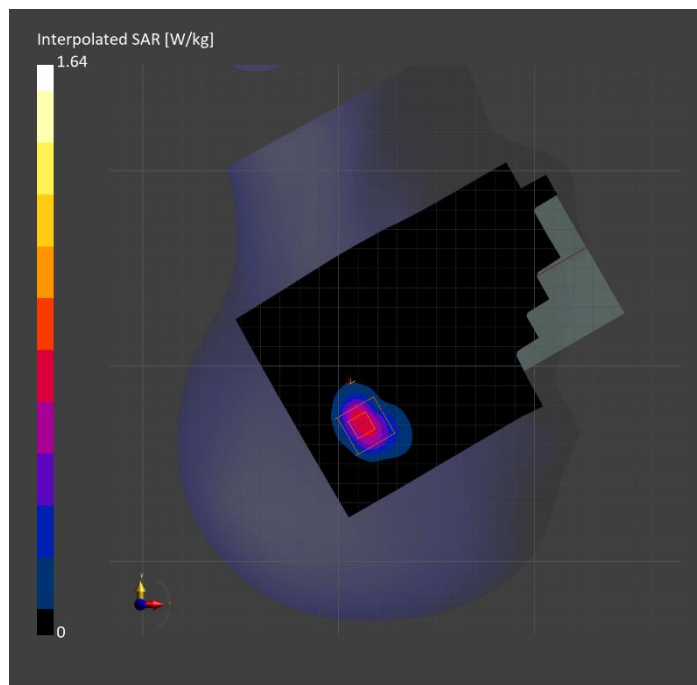
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.6
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.64 [11.3, -329.3, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.615	0.634
psSAR10g [W/Kg]	0.299	0.264
Power Drift [dB]	N/A	-0.10



**Band n26: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band n26	TSL Permittivity	42.4
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.950
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	10.00

Hardware Setup

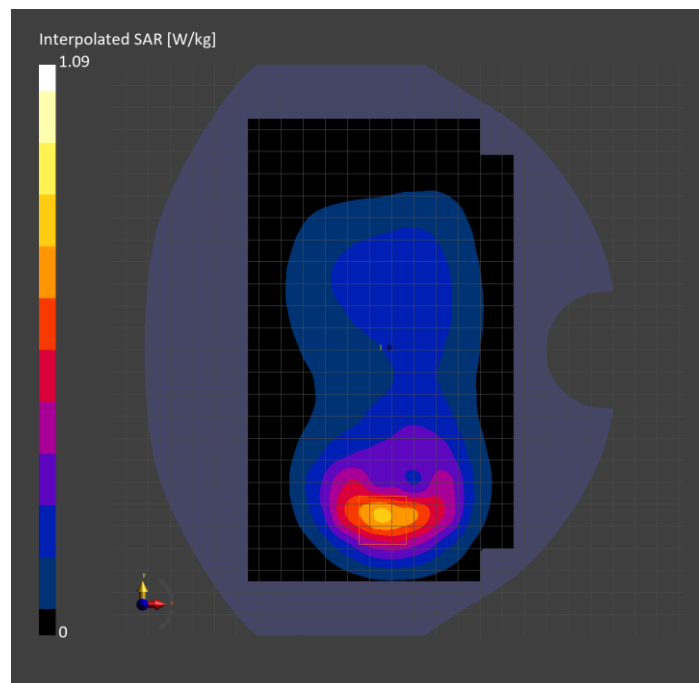
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.1
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.09 [-22.6, -75.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.634	0.622
psSAR10g [W/Kg]	0.394	0.356
Power Drift [dB]	N/A	0.04



**Band n26: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n26	TSL Permittivity	45.1
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.859
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

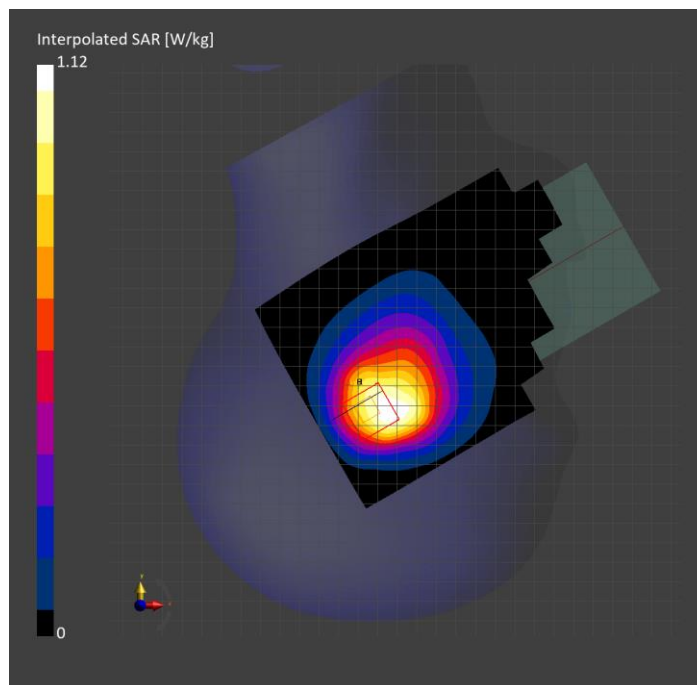
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.2
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.12 [10.5, -318.9, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.519	0.524
psSAR10g [W/Kg]	0.349	0.301
Power Drift [dB]	N/A	-0.05



**Band n30: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band n30	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.62
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.82	Test Distance [mm]	10.00

Hardware Setup

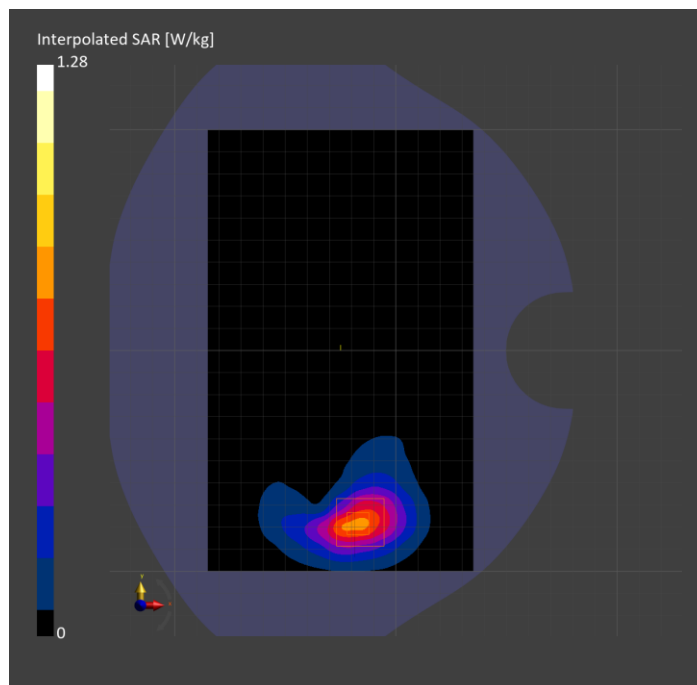
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.28 [-18.5, -78.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.618	0.650
psSAR10g [W/Kg]	0.313	0.331
Power Drift [dB]	N/A	-0.02



**Band n30: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, EDGE BOTTOM**

Exposure Conditions

Band	Band n30	TSL Permittivity	38.8
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.59
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	10.00

Hardware Setup

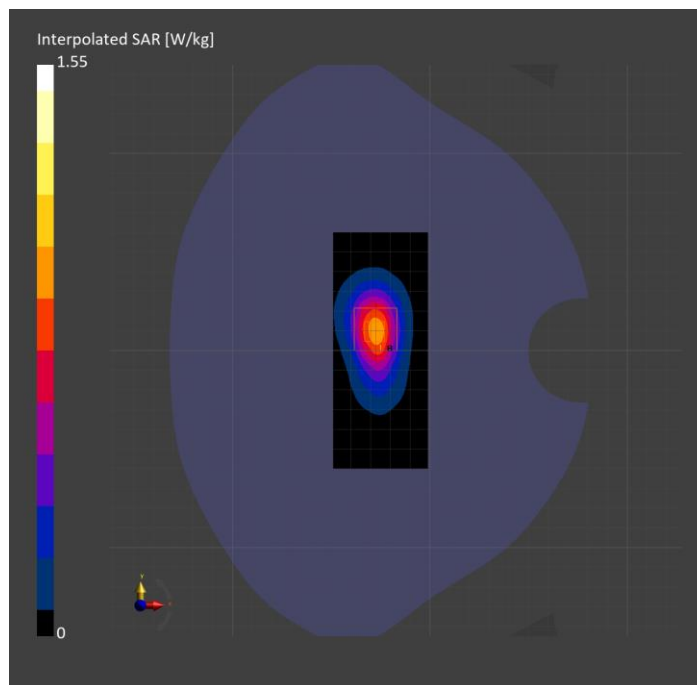
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DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.5
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.55 [-27.4, 9.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.777	0.818
psSAR10g [W/Kg]	0.384	0.417
Power Drift [dB]	N/A	0.08



**Band n30: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n30	TSL Permittivity	38.2
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.65
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.82	Test Distance [mm]	0.00

Hardware Setup

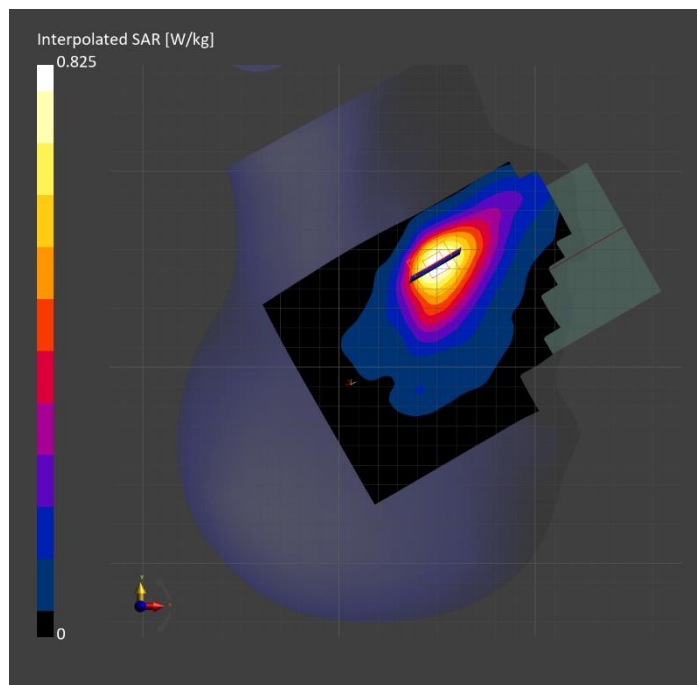
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DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.6
Dist 3dB Peak [mm]		11.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.825 [50.5, -245.2, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.493	0.512
psSAR10g [W/Kg]	0.266	0.298
Power Drift [dB]	N/A	0.01



**Band n41: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n41	TSL Permittivity	38.8
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.88
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

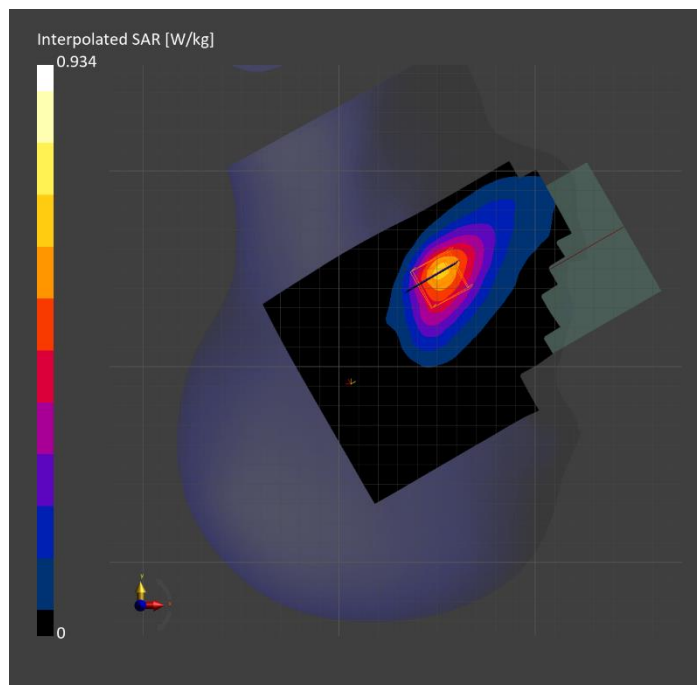
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DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.9
Dist 3dB Peak [mm]		12.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.934 [53.6, -249.6, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.515	0.547
psSAR10g [W/Kg]	0.268	0.304
Power Drift [dB]	-0.07	-0.12



**Band n41: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band n41	TSL Permittivity	39.9
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.88
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

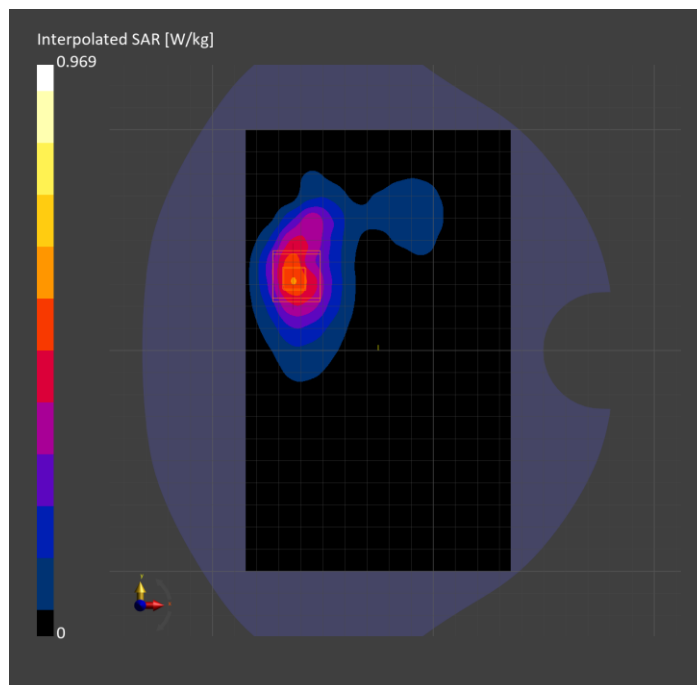
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DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.6
Dist 3dB Peak [mm]		10.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.969 [-63.5, 33.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.443	0.458
psSAR10g [W/Kg]	0.223	0.224
Power Drift [dB]	N/A	-0.06



Band n48: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n48	TSL Permittivity	36.3
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.98
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.89	Test Distance [mm]	0.00

Hardware Setup

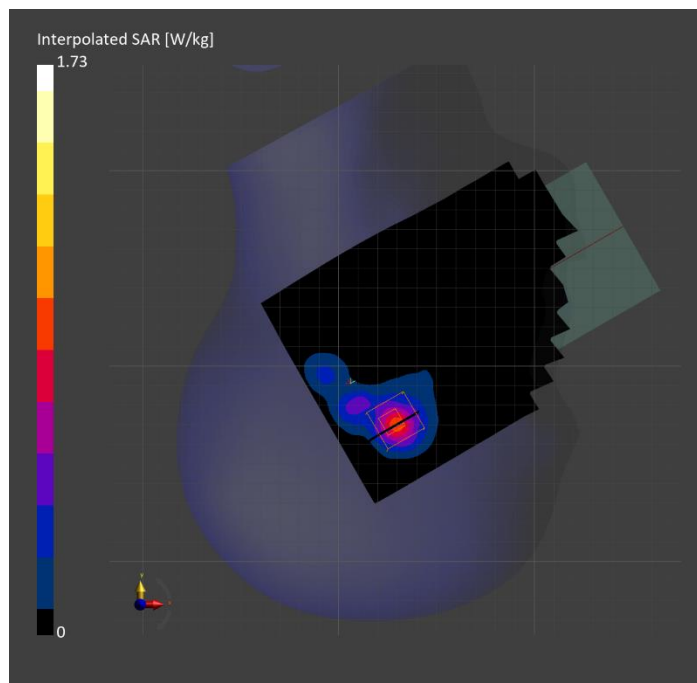
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.4
Dist 3dB Peak [mm]		6.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.73 [26.7, -332.7, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.658	0.647
psSAR10g [W/Kg]	0.261	0.241
Power Drift [dB]	N/A	-0.01



Band n48: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	39.3
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.94
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.89	Test Distance [mm]	10.00

Hardware Setup

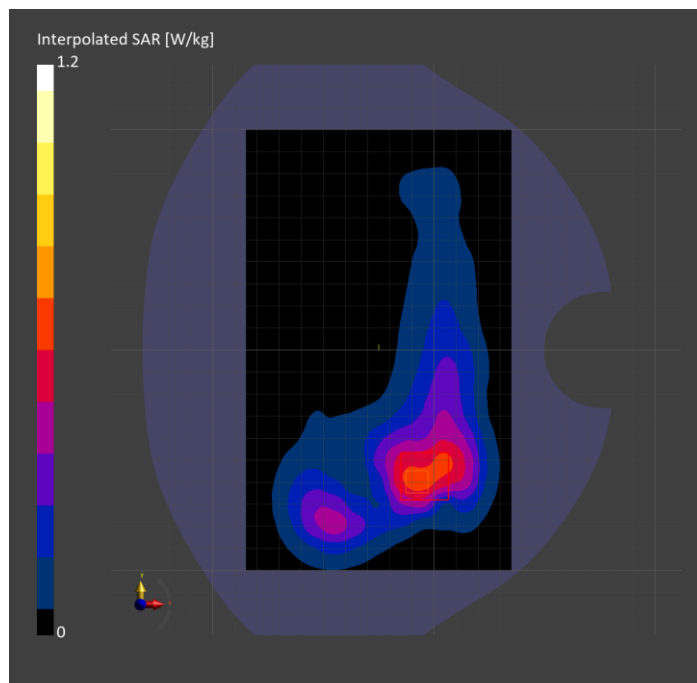
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.6
Dist 3dB Peak [mm]		10.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.20 [-7.0, -62.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.518	0.530
psSAR10g [W/Kg]	0.253	0.255
Power Drift [dB]	N/A	0.00



Band n48: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	39.3
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.94
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.89	Test Distance [mm]	10.00

Hardware Setup

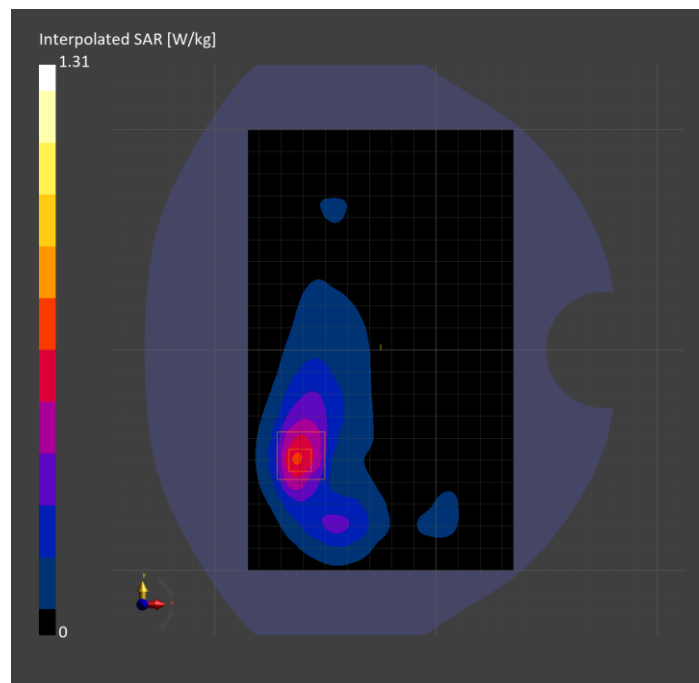
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.31 [-61.5, -50.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.503	0.516
psSAR10g [W/Kg]	0.221	0.219
Power Drift [dB]	N/A	-0.05



**Band n66: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n66	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.32
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.62	Test Distance [mm]	0.00

Hardware Setup

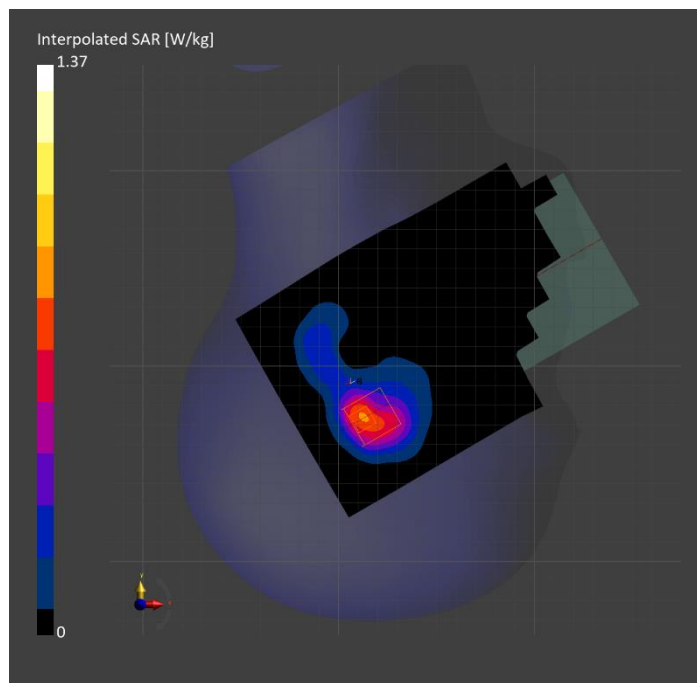
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.37 [10.9, -327.5, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.647	0.616
psSAR10g [W/Kg]	0.352	0.313
Power Drift [dB]	N/A	-0.00



Band n66: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n66	TSL Permittivity	38.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.36
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	10.00

Hardware Setup

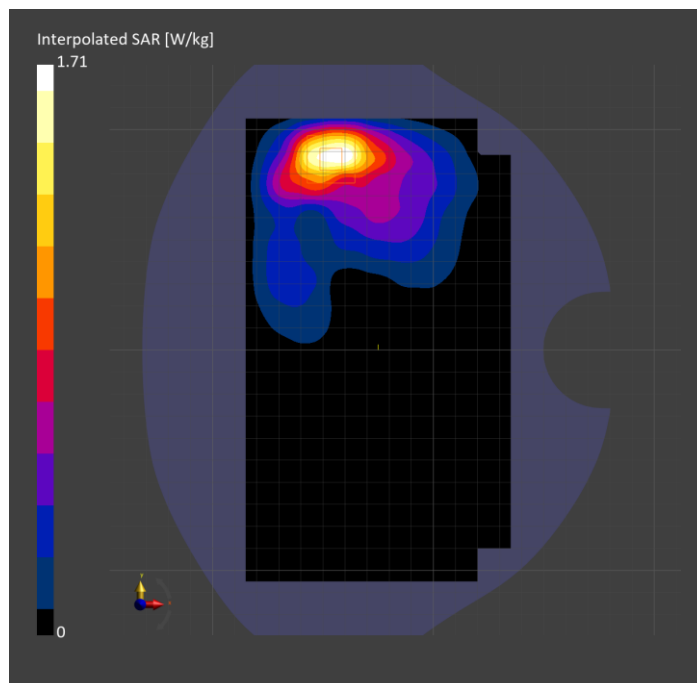
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.6
Dist 3dB Peak [mm]		8.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [-48.8, 84.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.729	0.879
psSAR10g [W/Kg]	0.405	0.455
Power Drift [dB]	N/A	-0.00



**Band n66: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, EDGE TOP**

Exposure Conditions

Band	Band n66	TSL Permittivity	37.5
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.35
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	10.00

Hardware Setup

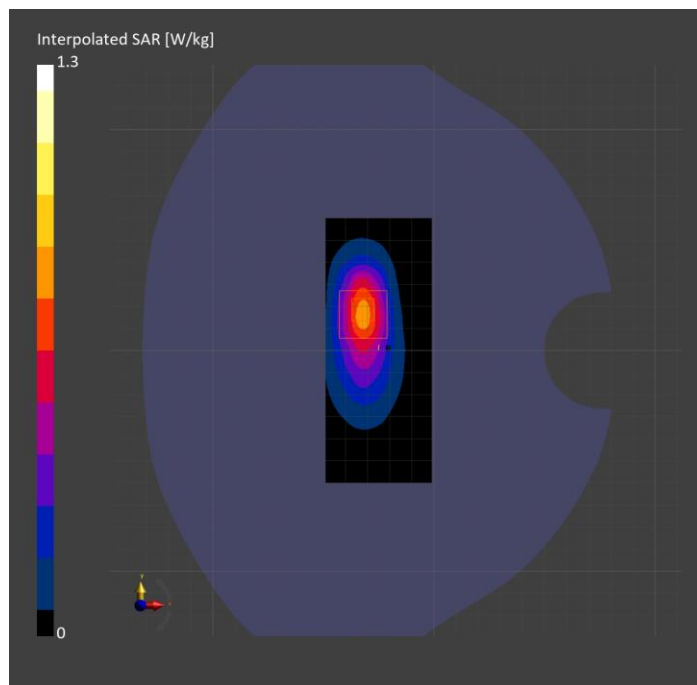
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.4
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.30 [-32.3, 19.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.675
psSAR10g [W/Kg]	0.339	0.348
Power Drift [dB]	N/A	-0.01



**Band n66: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE TOP**

Exposure Conditions

Band	Band n66	TSL Permittivity	38.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.36
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	0.00

Hardware Setup

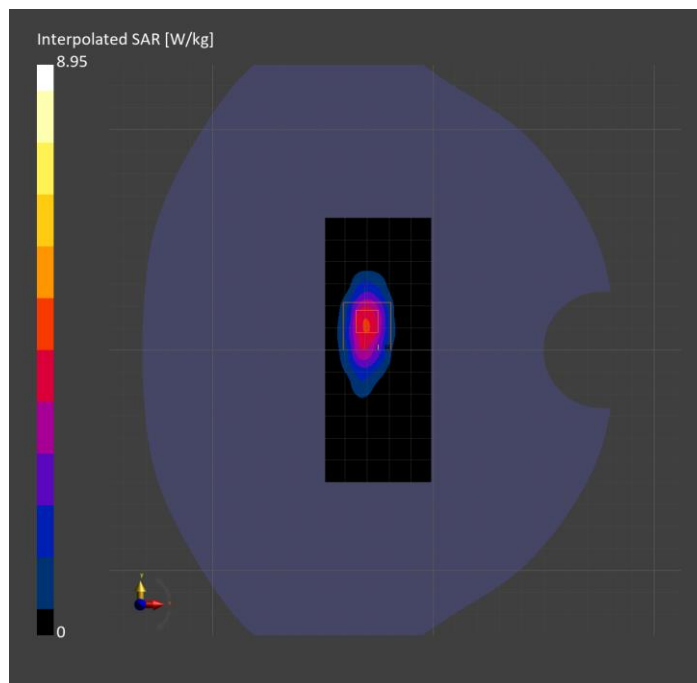
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.7
Dist 3dB Peak [mm]		6.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	8.95 [-31.0, -0.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.62	3.60
psSAR10g [W/Kg]	1.68	1.56
Power Drift [dB]	N/A	-0.07



Band n70: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n70	TSL Permittivity	41.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.36
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	10.00

Hardware Setup

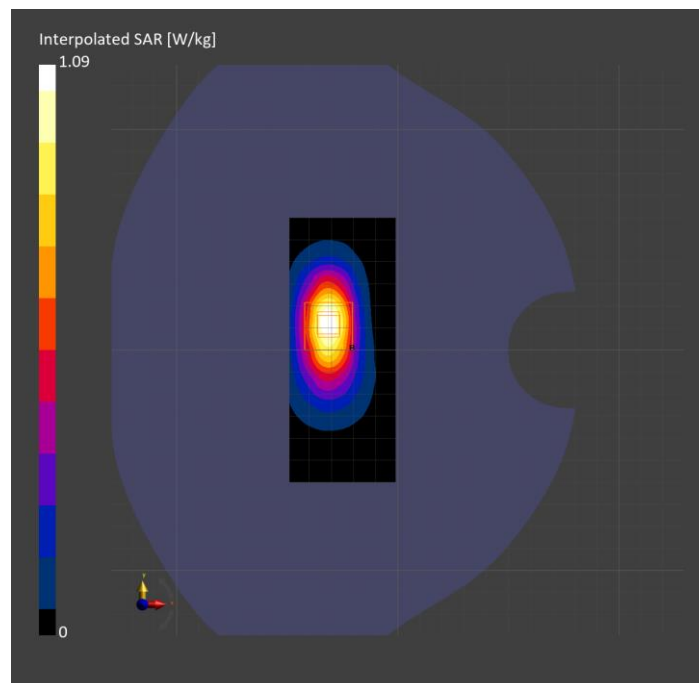
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.10 [-31.5, 12.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.569	0.587
psSAR10g [W/Kg]	0.299	0.307
Power Drift [dB]	N/A	0.00



**Band n70: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n70	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.21
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.53	Test Distance [mm]	0.00

Hardware Setup

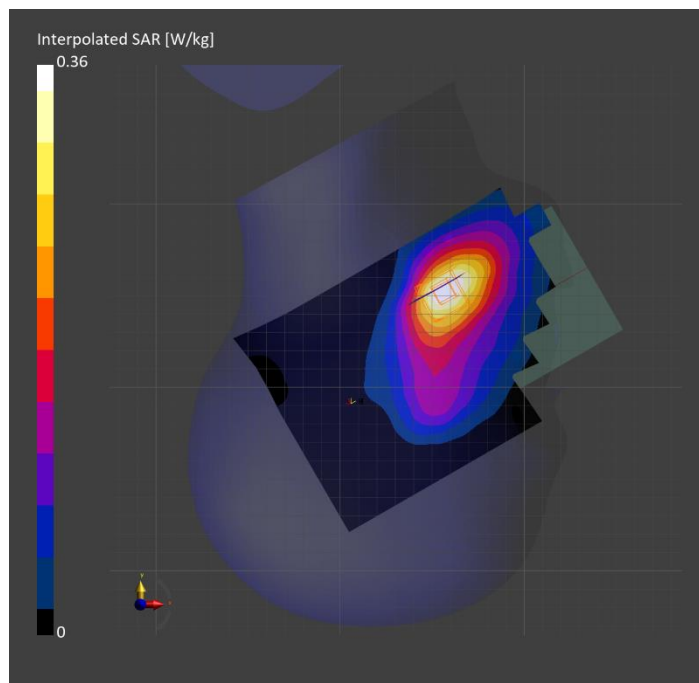
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		88.0
Dist 3dB Peak [mm]		13.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.360 [58.7, -242.4, -177.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.233	0.246
psSAR10g [W/Kg]	0.140	0.165
Power Drift [dB]	N/A	-0.01



**Band n70: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band n70	TSL Permittivity	38.8
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.33
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.62	Test Distance [mm]	10.00

Hardware Setup

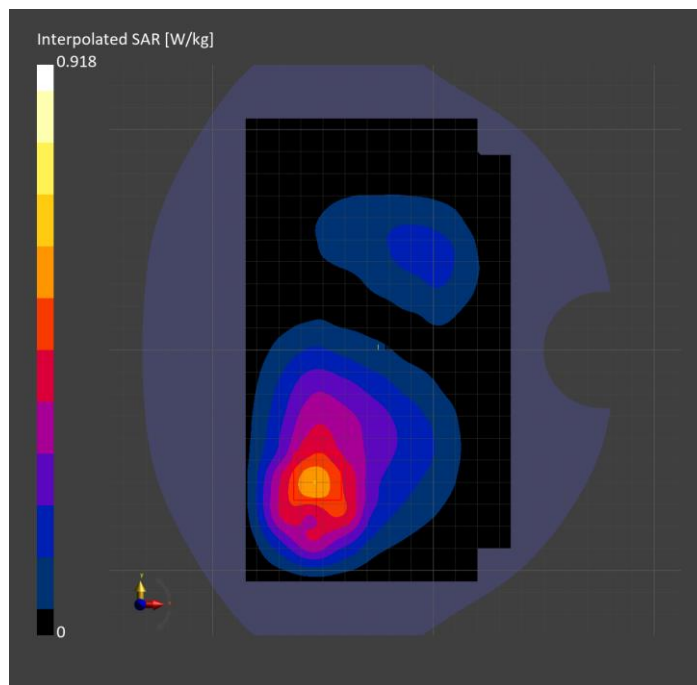
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		20.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.918 [-53.1, -61.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.498	0.525
psSAR10g [W/Kg]	0.297	0.315
Power Drift [dB]	N/A	-0.03



Band n71: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n71	TSL Permittivity	40.6
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.816
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

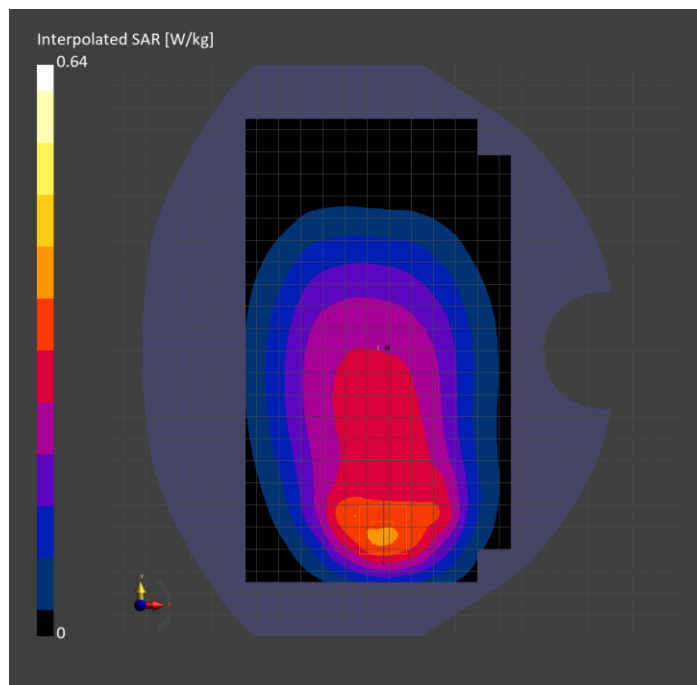
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		14.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.640 [-22.4, -83.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.338	0.362
psSAR10g [W/Kg]	0.235	0.217
Power Drift [dB]	N/A	-0.01



Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:High AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band n71	TSL Permittivity	40.0
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.911
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

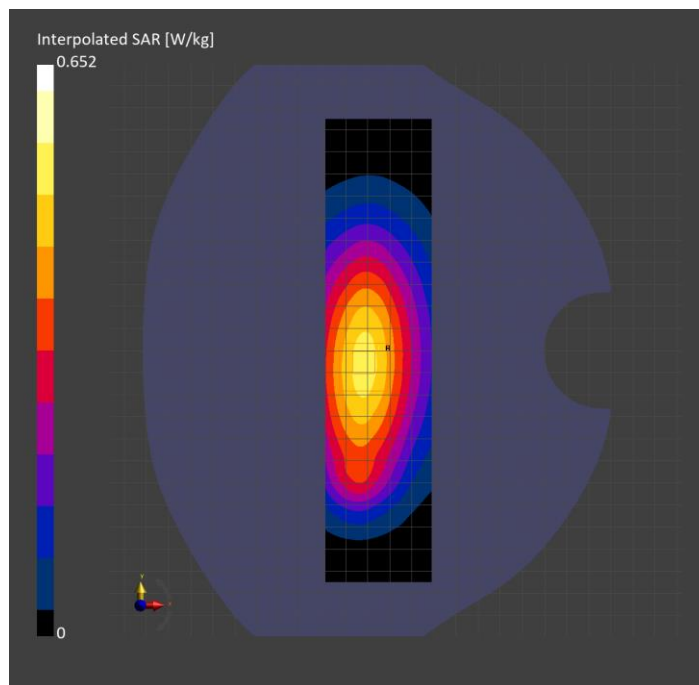
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		89.8
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.652 [-30.8, -2.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.454	0.460
psSAR10g [W/Kg]	0.313	0.324
Power Drift [dB]	N/A	-0.02



**Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, TILT**

Exposure Conditions

Band	Band n71	TSL Permittivity	45.5
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.807
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.87	Test Distance [mm]	0.00

Hardware Setup

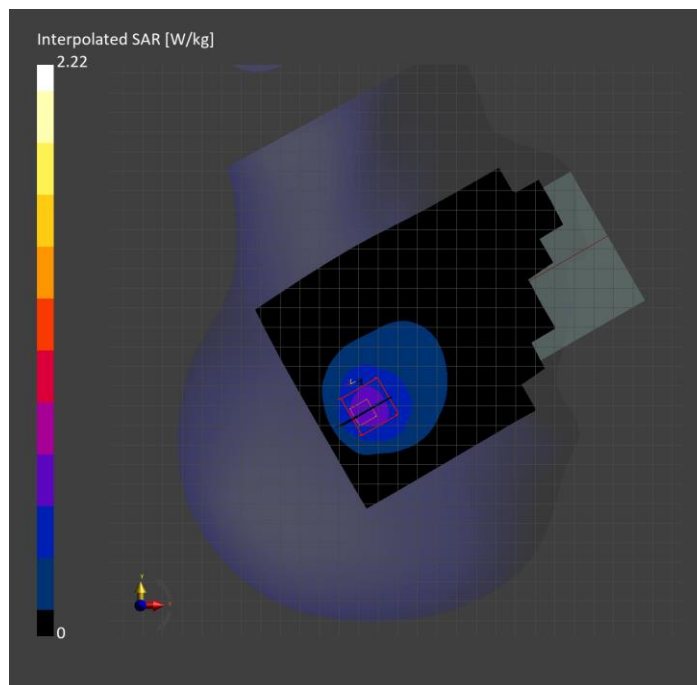
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		65.9
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.22 [10.3, -323.6, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.545	0.765
psSAR10g [W/Kg]	0.368	0.386
Power Drift [dB]	N/A	0.02



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, TILT**

Exposure Conditions

Band	Band n77	TSL Permittivity	39.8
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.97
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

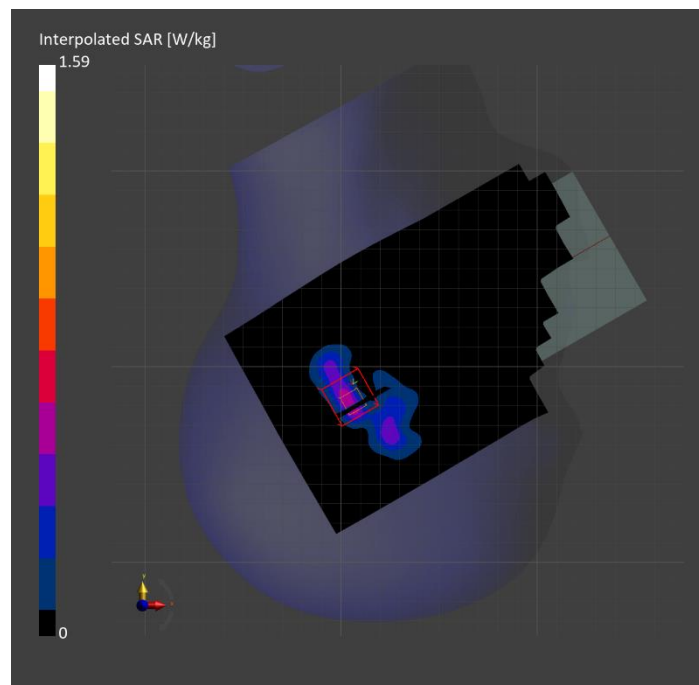
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.2
Dist 3dB Peak [mm]		4.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.59 [7.5, -317.9, -173.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.400	0.500
psSAR10g [W/Kg]	0.141	0.158
Power Drift [dB]	N/A	-0.03



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE TOP**

Exposure Conditions

Band	Band n77	TSL Permittivity	38.7
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.79
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	10.00

Hardware Setup

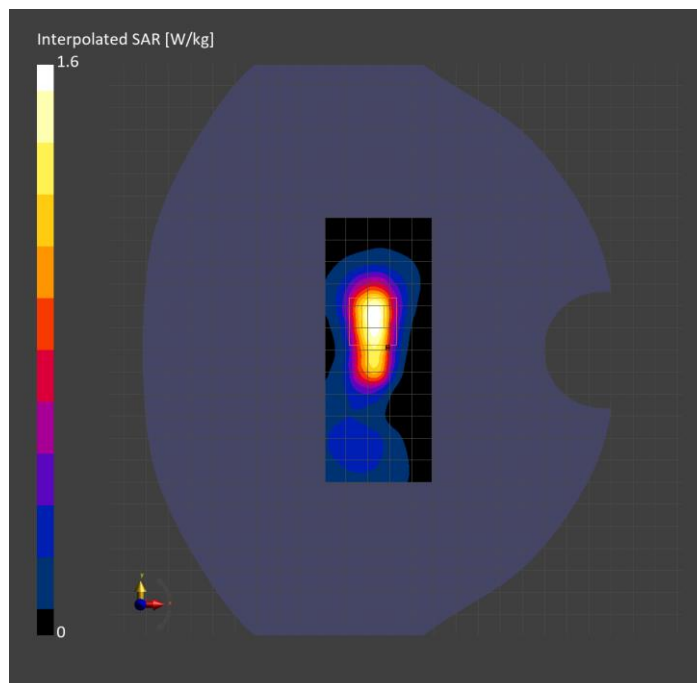
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.60 [-27.4, 14.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.658	0.681
psSAR10g [W/Kg]	0.274	0.280
Power Drift [dB]	N/A	-0.02



Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n77	TSL Permittivity	38.2
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.78
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	10.00

Hardware Setup

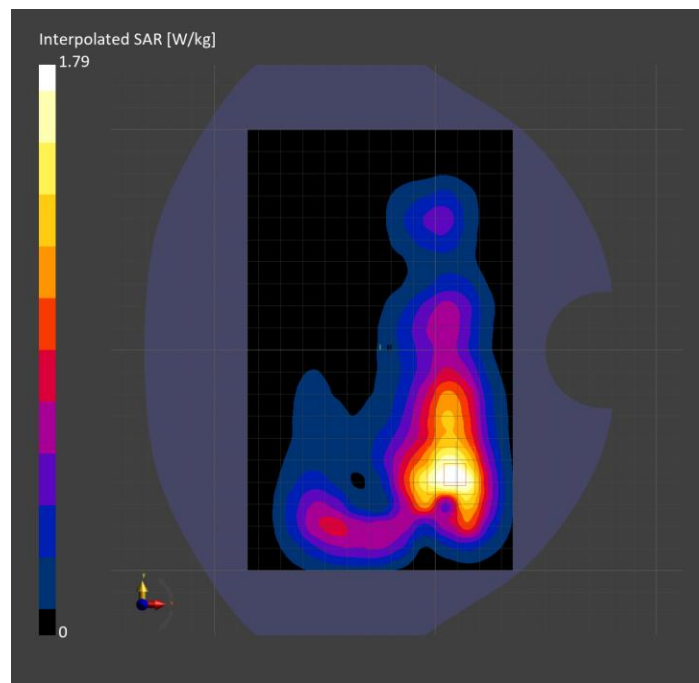
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.5
Dist 3dB Peak [mm]		9.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.79 [9.5, -57.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.695	0.746
psSAR10g [W/Kg]	0.332	0.332
Power Drift [dB]	N/A	0.08



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n77	TSL Permittivity	38.9
Frequency [MHz] Channel Number	3633.330 642222	TSL Conductivity [S/m]	2.85
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

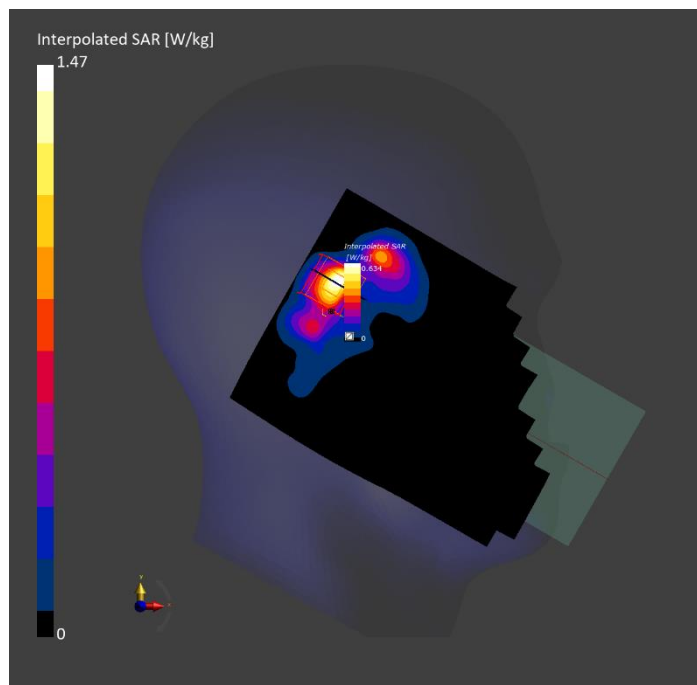
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		74.9
Dist 3dB Peak [mm]		3.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [11.9, 324.1, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.420	0.510
psSAR10g [W/Kg]	0.153	0.152
Power Drift [dB]	n/a	-0.01



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE TOP**

Exposure Conditions

Band	Band n77	TSL Permittivity	38.4
Frequency [MHz] Channel Number	3633.330 642222	TSL Conductivity [S/m]	2.90
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.89	Test Distance [mm]	10.00

Hardware Setup

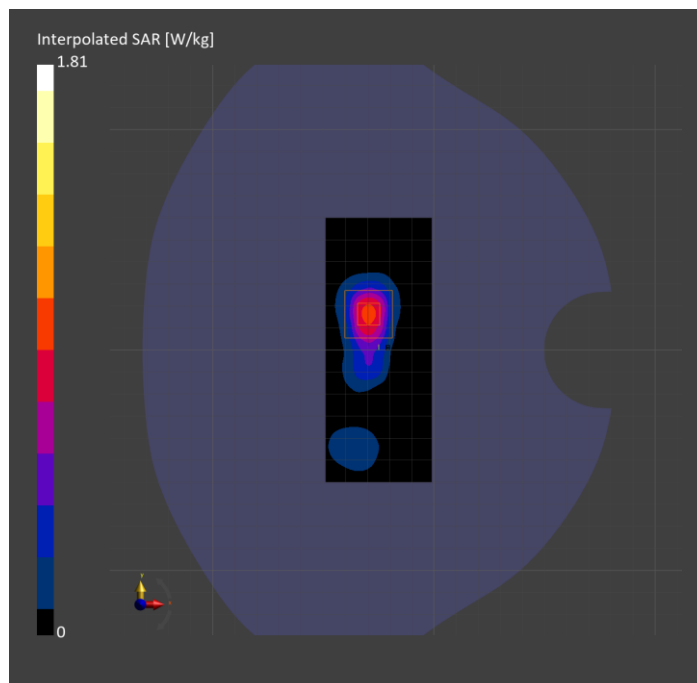
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.3
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.81 [-29.8, 16.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.709	0.734
psSAR10g [W/Kg]	0.270	0.272
Power Drift [dB]	N/A	0.02



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, FRONT**

Exposure Conditions

Band	Band n77	TSL Permittivity	39.2
Frequency [MHz] Channel Number	3633.330 642222	TSL Conductivity [S/m]	2.97
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.89	Test Distance [mm]	10.00

Hardware Setup

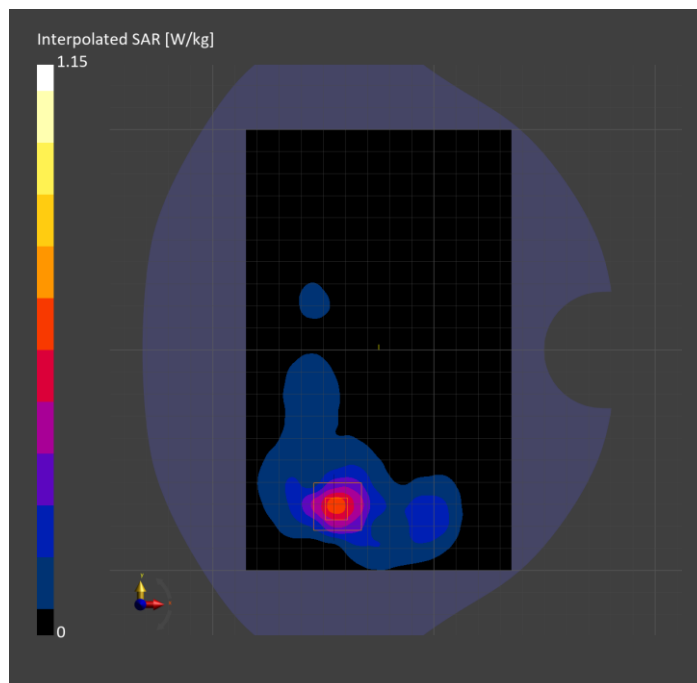
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		8.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.15 [-45.0, -72.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.466	0.485
psSAR10g [W/Kg]	0.191	0.197
Power Drift [dB]	N/A	-0.03



Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n77	TSL Permittivity	39.6
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.23
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.06	Test Distance [mm]	0.00

Hardware Setup

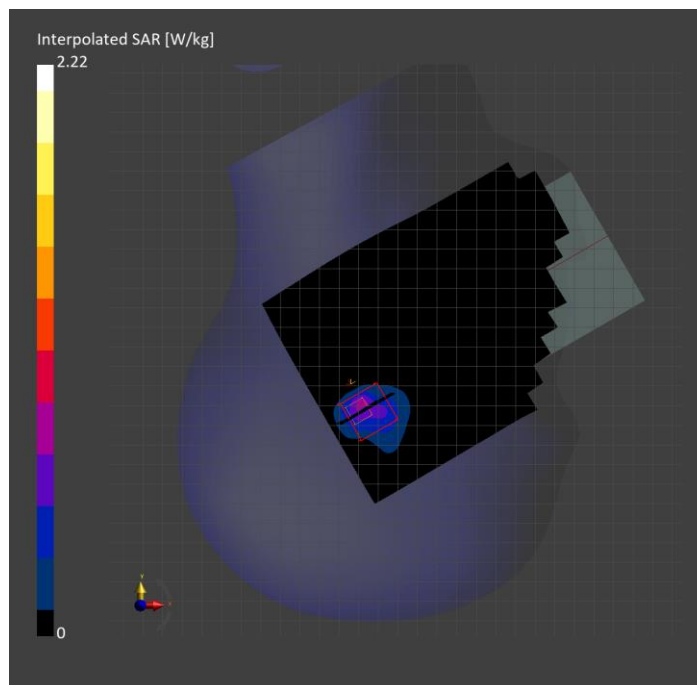
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.0
Dist 3dB Peak [mm]		5.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.22 [9.6, -322.4, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.540	0.687
psSAR10g [W/Kg]	0.216	0.208
Power Drift [dB]	N/A	0.07



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO, FRONT**

Exposure Conditions

Band	Band n77	TSL Permittivity	37.5
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.04
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.66	Test Distance [mm]	10.00

Hardware Setup

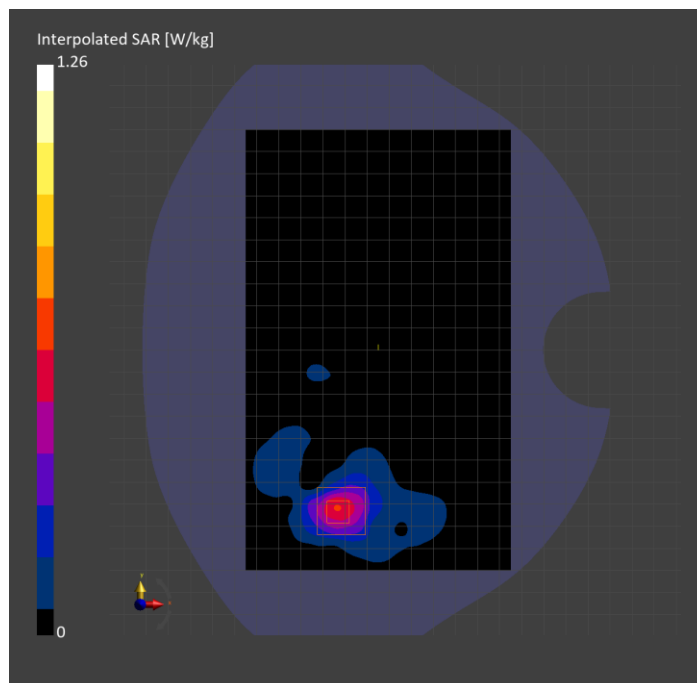
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.6
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.26 [-44.0, -73.5, -207.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.468	0.491
psSAR10g [W/Kg]	0.190	0.195
Power Drift [dB]	N/A	0.07



Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n77	TSL Permittivity	38.6
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.14
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.66	Test Distance [mm]	10.00

Hardware Setup

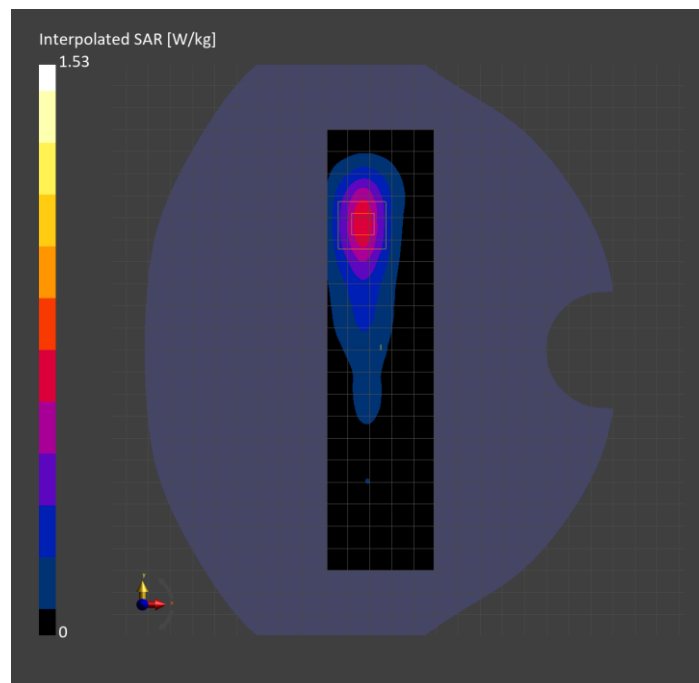
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.0
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.53 [-33.0, 58.0, -207.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.544	0.576
psSAR10g [W/Kg]	0.233	0.243
Power Drift [dB]	N/A	-0.05



Custom Band: Pulse Waveform (200Hz, 80%), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	43.7
Frequency [MHz] Channel Number	1660.500 0	TSL Conductivity [S/m]	1.25
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.51	Test Distance [mm]	10.00

Hardware Setup

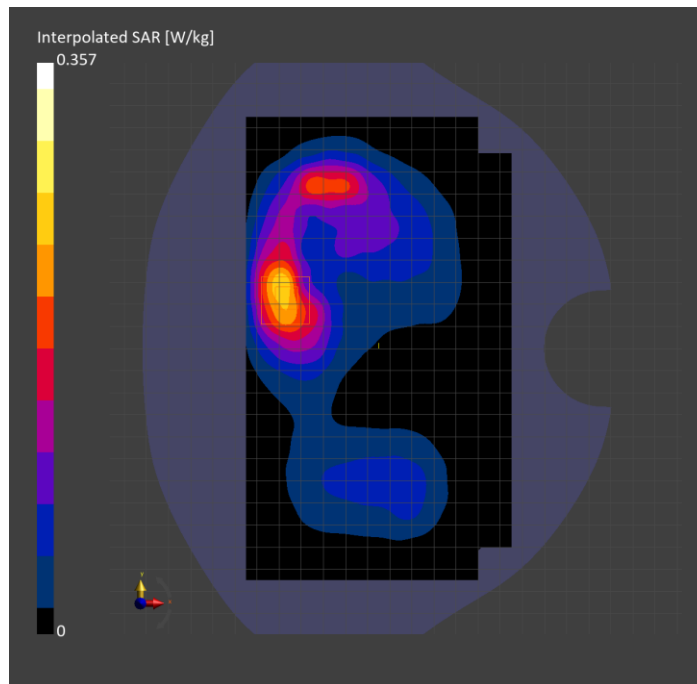
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		90.3
Dist 3dB Peak [mm]		8.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.357 [-65.4, 25.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.212	0.234
psSAR10g [W/Kg]	0.118	0.130
Power Drift [dB]	N/A	-0.05



Custom Band: Pulse Waveform (200Hz, 80%), EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	43.7
Frequency [MHz] Channel Number	1660.500 0	TSL Conductivity [S/m]	1.25
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.51	Test Distance [mm]	0.00

Hardware Setup

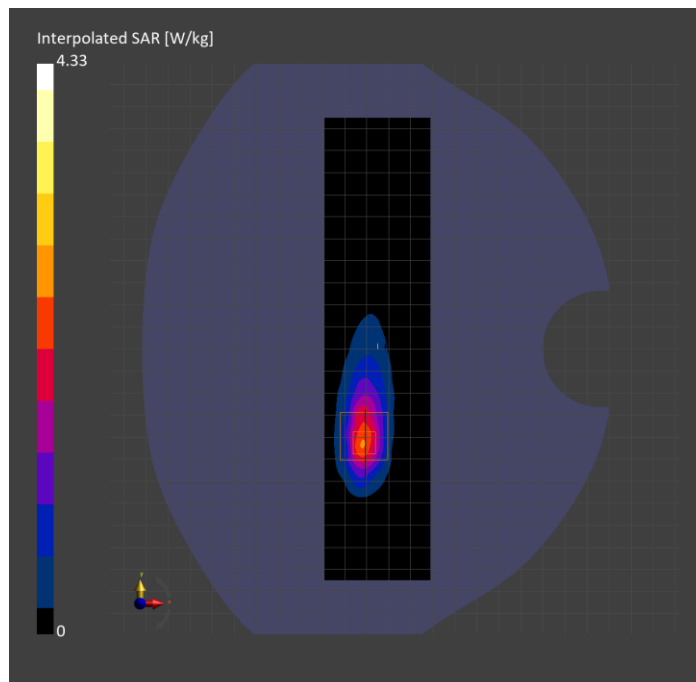
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.9
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	4.33 [-30.5, -42.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.95	1.99
psSAR10g [W/Kg]	0.907	0.892
Power Drift [dB]	N/A	-0.17



Custom Band: Pulse Waveform (200Hz, 80%), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2010.000 0	TSL Conductivity [S/m]	1.43
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	10.00

Hardware Setup

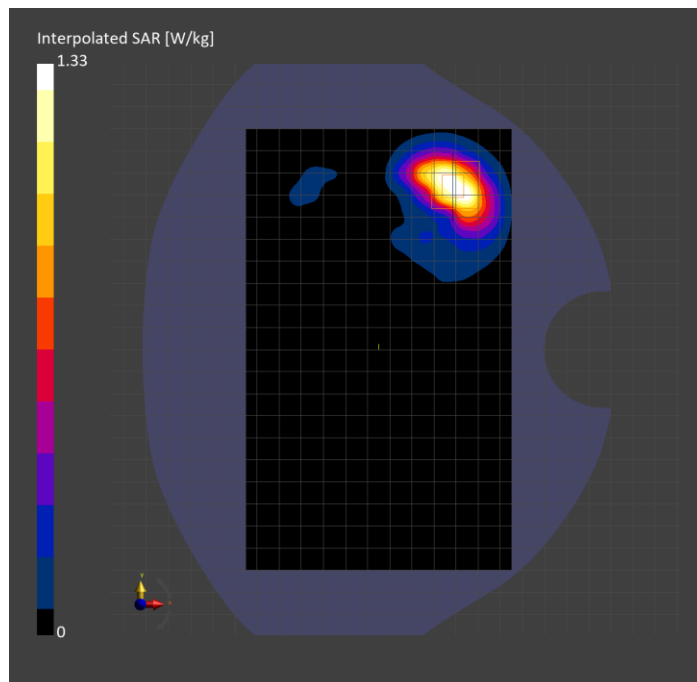
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.0
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.33 [8.5, 73.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.698	0.725
psSAR10g [W/Kg]	0.356	0.355
Power Drift [dB]	N/A	-0.01



Custom Band: Pulse Waveform (200Hz, 80%), EDGE LEFT

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2010.000 0	TSL Conductivity [S/m]	1.43
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

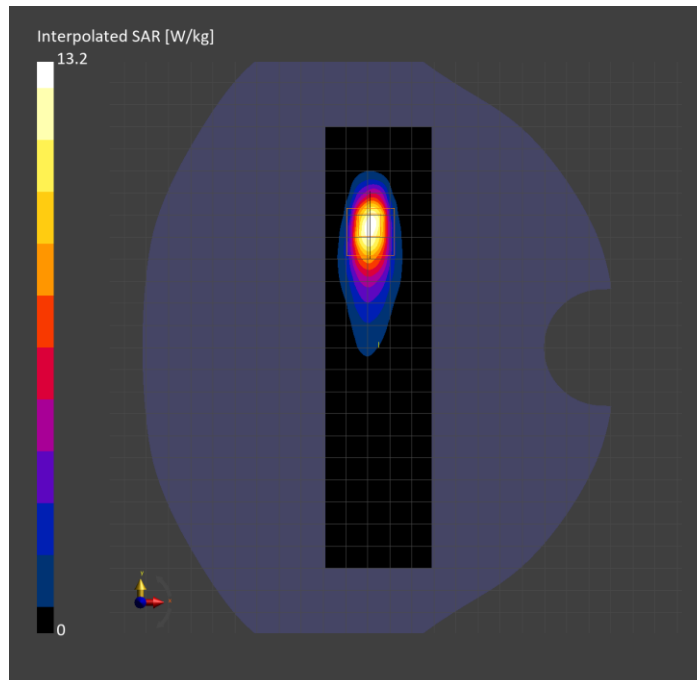
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	4.4 x 4.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.7
Dist 3dB Peak [mm]		5.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	13.2 [-29.0, 56.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.04	4.33
psSAR10g [W/Kg]	1.77	1.65
Power Drift [dB]	N/A	-0.03



WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), BACK

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2412.000 1	TSL Conductivity [S/m]	1.84
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	10.00

Hardware Setup

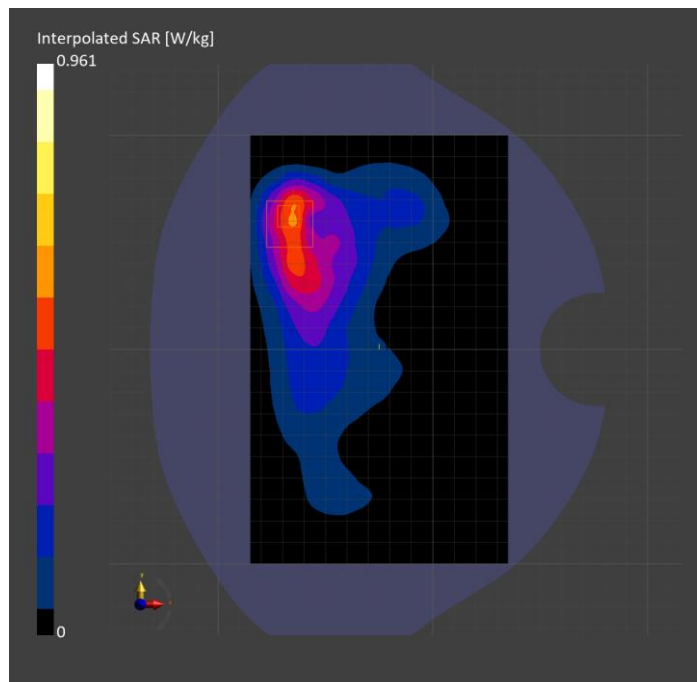
Probe Calibration Date	EX3DV4 - SN7807 2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.961 [-65.0, 65.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.452	0.469
psSAR10g [W/Kg]	0.231	0.233
Power Drift [dB]	N/A	-0.04



WLAN 2.4GHz: IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble), CHEEK

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.86
Group UID	WLAN 10419-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

Hardware Setup

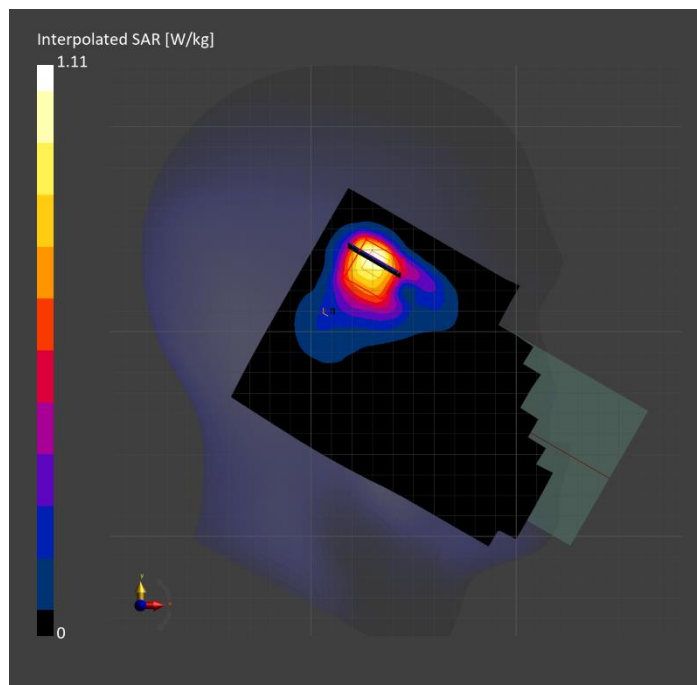
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.3
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [28.4, 338.2, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.492	0.508
psSAR10g [W/Kg]	0.248	0.246
Power Drift [dB]	N/A	-0.01



WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), EDGE LEFT

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.75
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	10.00

Hardware Setup

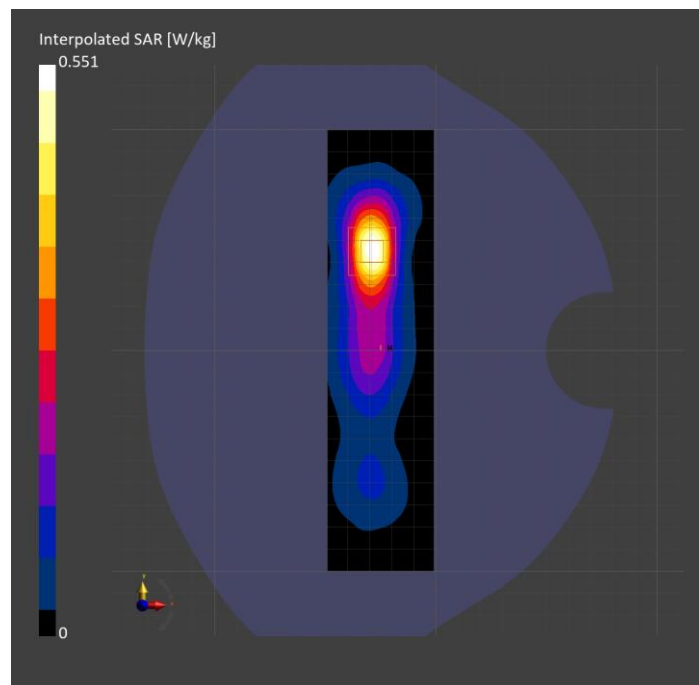
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.551 [-29.0, 46.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.256	0.265
psSAR10g [W/Kg]	0.119	0.122
Power Drift [dB]	N/A	-0.05



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.2
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.22
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.04	Test Distance [mm]	10.00

Hardware Setup

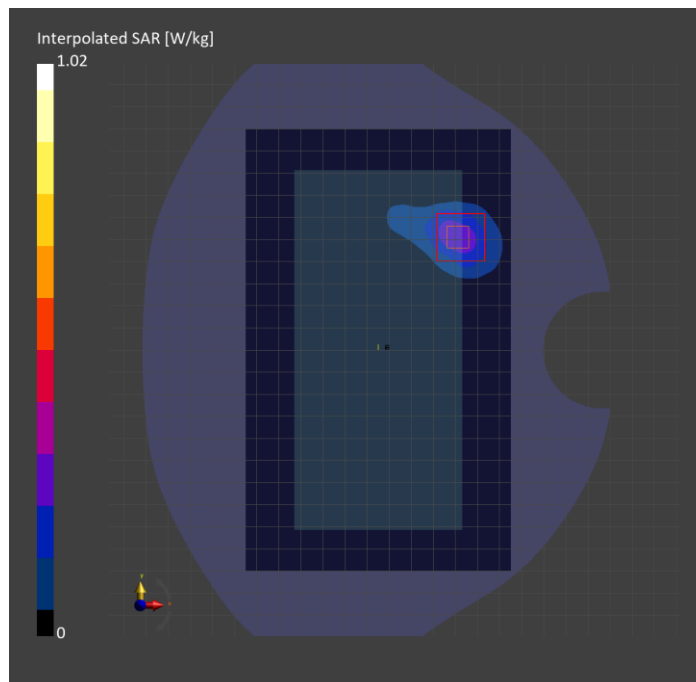
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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	N/A	Yes
M2/M1 [%]		58.3
Dist 3dB Peak [mm]		10.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [11.4, 51.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.244	0.262
psSAR10g [W/Kg]	0.092	0.092
Power Drift [dB]	N/A	-0.16



U-NII-1, U-NII-2A: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	35.0
Frequency [MHz] Channel Number	5290.000 58	TSL Conductivity [S/m]	4.69
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.79	Test Distance [mm]	0.00

Hardware Setup

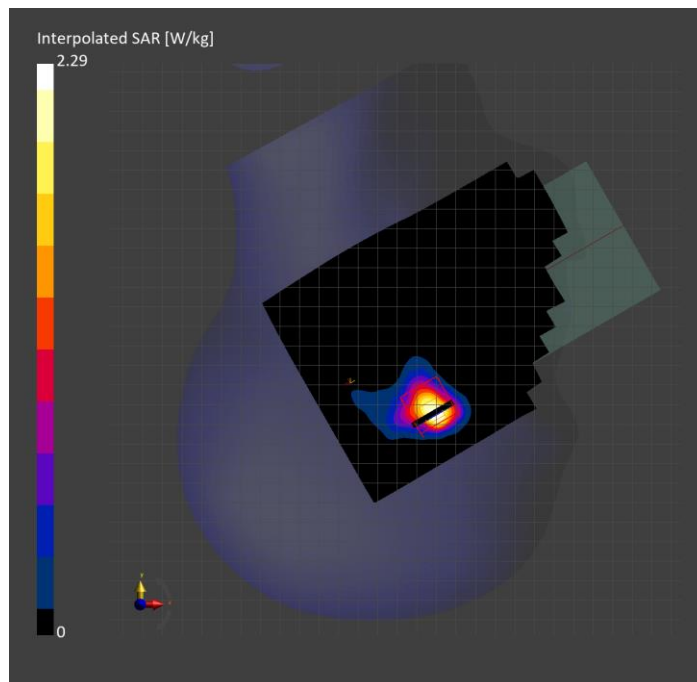
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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	N/A	Yes
M2/M1 [%]		60.9
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.28 [50.0, -326.0, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.456	0.552
psSAR10g [W/Kg]	0.154	0.173
Power Drift [dB]	N/A	0.14



U-NII-1, U-NII-2A: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), BACK

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	37.1
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.57
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.79	Test Distance [mm]	10.00

Hardware Setup

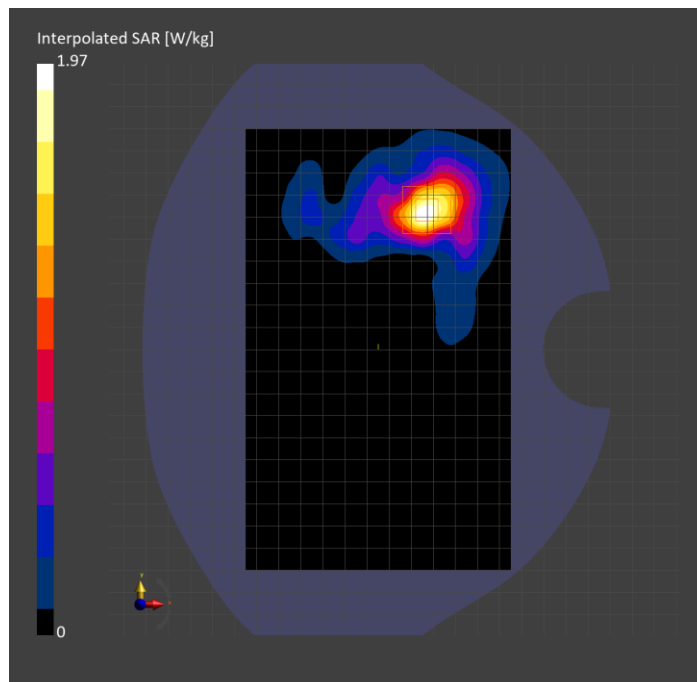
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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	N/A	Yes
M2/M1 [%]		66.3
Dist 3dB Peak [mm]		10.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.97 [-2.7, 64.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.584	0.628
psSAR10g [W/Kg]	0.225	0.236
Power Drift [dB]	N/A	-0.09



U-NII-1, U-NII-2A: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), EDGE LEFT

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	37.1
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.57
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.79	Test Distance [mm]	0.00

Hardware Setup

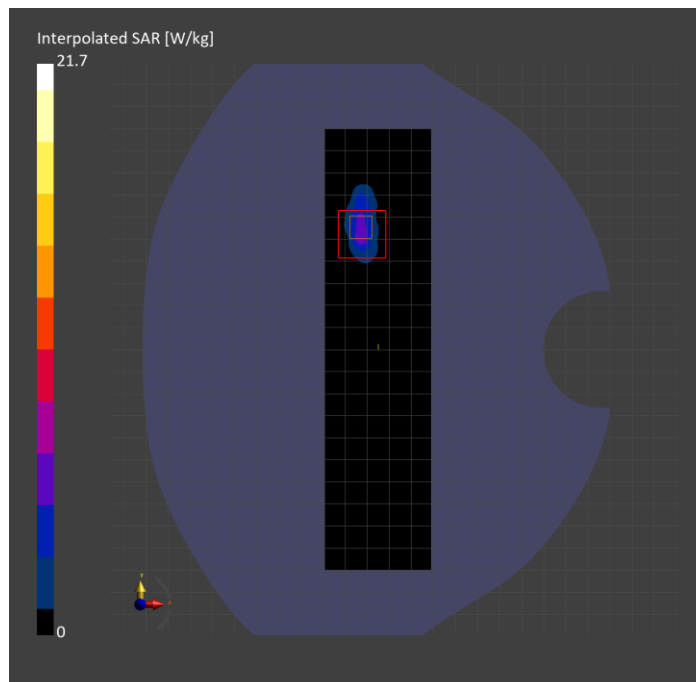
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		4.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	21.7 [-33.0, 56.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.01	4.47
psSAR10g [W/Kg]	1.14	1.13
Power Drift [dB]	N/A	-0.06



WLAN 5GHz: IEEE 802.11ax WiFi (160MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.4
Frequency [MHz] Channel Number	5570.000 114	TSL Conductivity [S/m]	4.98
Group UID	WLAN 10755-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	4.98	Test Distance [mm]	0.00

Hardware Setup

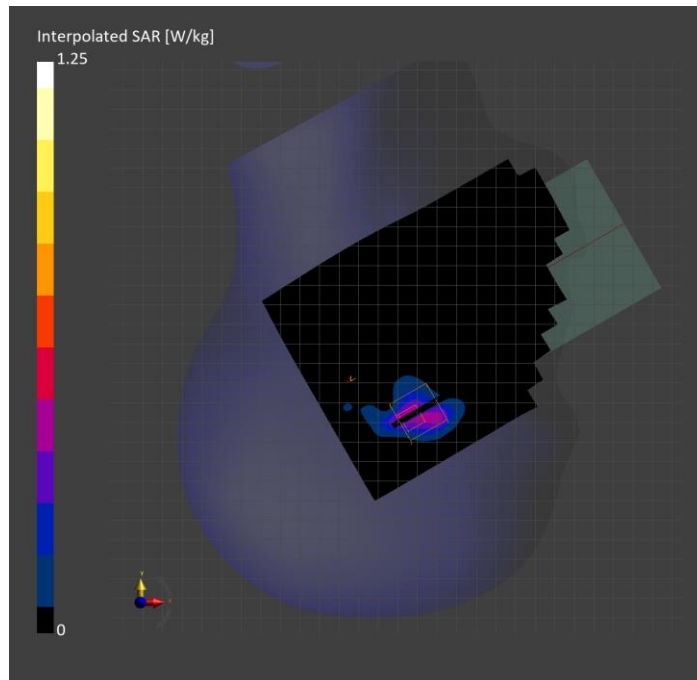
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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	N/A	Yes
M2/M1 [%]		65.7
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [39.3, -328.0, -175.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.340	0.352
psSAR10g [W/Kg]	0.126	0.127
Power Drift [dB]	N/A	0.03



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.7
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.85
Group UID	WLAN 10544-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	4.93	Test Distance [mm]	10.00

Hardware Setup

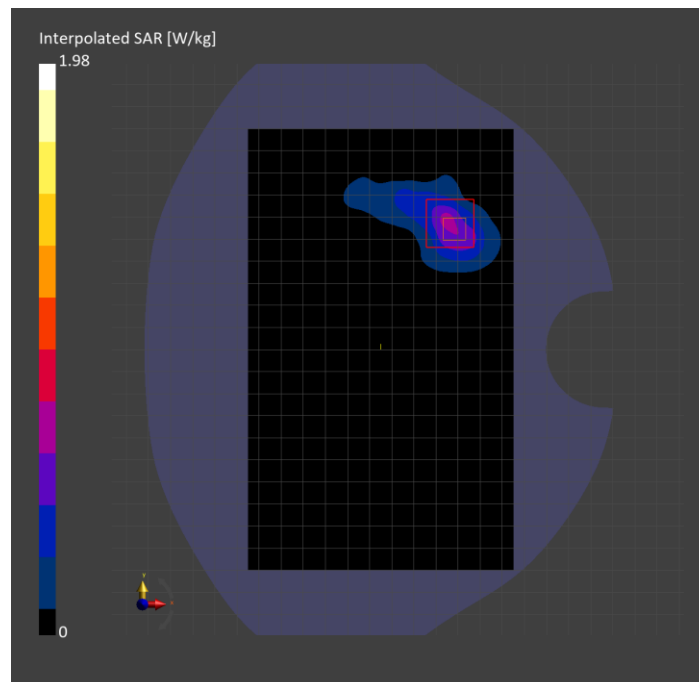
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		59.2	59.5
Dist 3dB Peak [mm]		9.2	9.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.98 [9.0, 54.0, -207.0]	1.97 [9.0, 54.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.516	0.521	0.526
psSAR10g [W/Kg]	0.197	0.188	0.192
Power Drift [dB]	N/A	-0.42	0.30



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), EDGE LEFT

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.7
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.85
Group UID	WLAN 10544-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	4.93	Test Distance [mm]	0.00

Hardware Setup

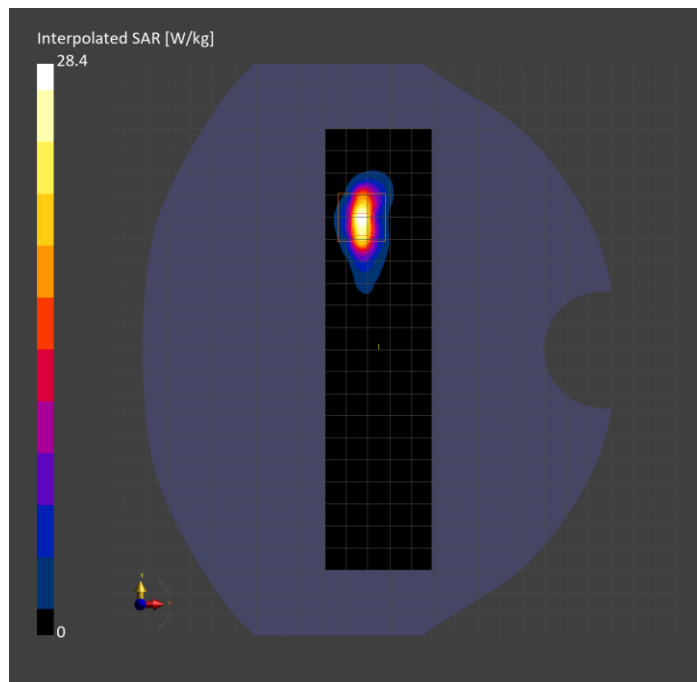
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		59.7
Dist 3dB Peak [mm]		4.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	28.4 [-32.2, 57.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	5.12	5.72
psSAR10g [W/Kg]	1.44	1.51
Power Drift [dB]	N/A	-0.07



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.14
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.16	Test Distance [mm]	0.00

Hardware Setup

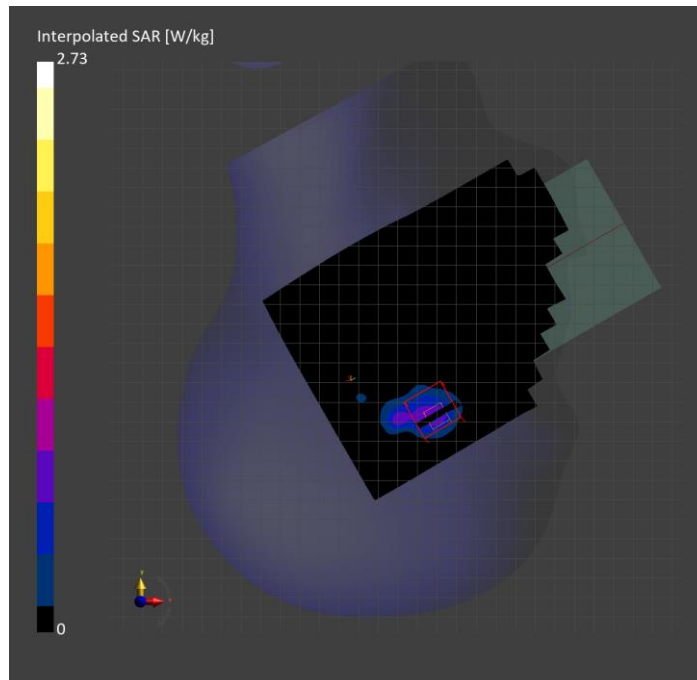
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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	N/A	Yes
M2/M1 [%]		56.6
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.73 [52.5, -328.0, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.620	0.617
psSAR10g [W/Kg]	0.223	0.211
Power Drift [dB]	N/A	0.14



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.14
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.16	Test Distance [mm]	10.00

Hardware Setup

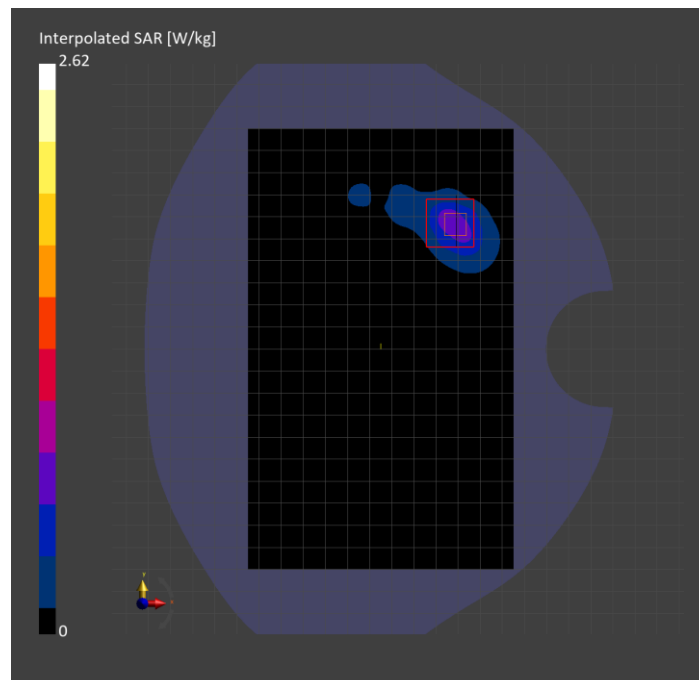
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		61.0	58.5
Dist 3dB Peak [mm]		8.7	9.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.61 [9.2, 57.2, -207.0]	2.62 [9.2, 55.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.603	0.677	0.679
psSAR10g [W/Kg]	0.225	0.235	0.235
Power Drift [dB]	N/A	0.31	-0.18



U-NII-4: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), CHEEK

Exposure Conditions

Band	U-NII-4	TSL Permittivity	33.8
Frequency [MHz] Channel Number	5875.000 175	TSL Conductivity [S/m]	5.20
Group UID	WLAN 10114-CAE	Phantom Section TSL	RightHead HSL
Conversion Factor	4.89	Test Distance [mm]	0.00

Hardware Setup

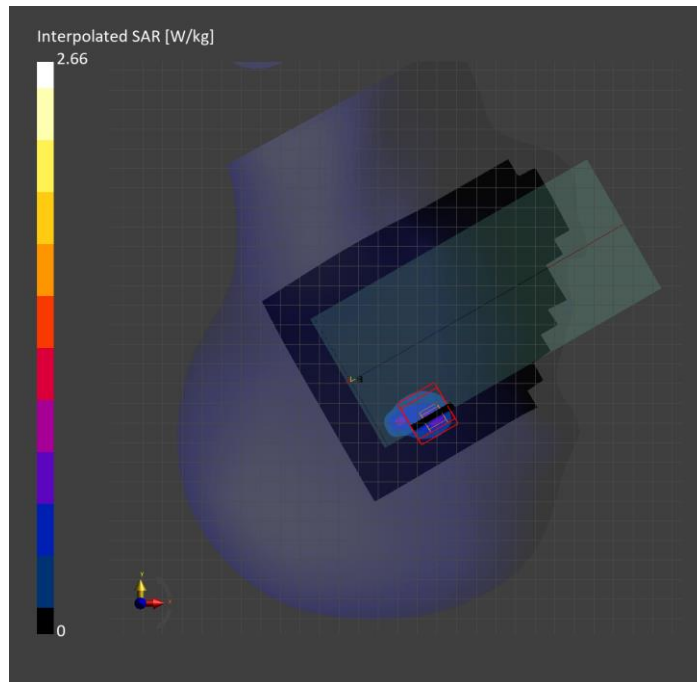
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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	N/A	Yes
M2/M1 [%]		60.9
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.66 [49.3, -328.6, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.531	0.578
psSAR10g [W/Kg]	0.186	0.181
Power Drift [dB]	N/A	-0.04



U-NII-4: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), BACK

Exposure Conditions

Band	U-NII-4	TSL Permittivity	33.8
Frequency [MHz] Channel Number	5835.000 167	TSL Conductivity [S/m]	5.15
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.04	Test Distance [mm]	10.00

Hardware Setup

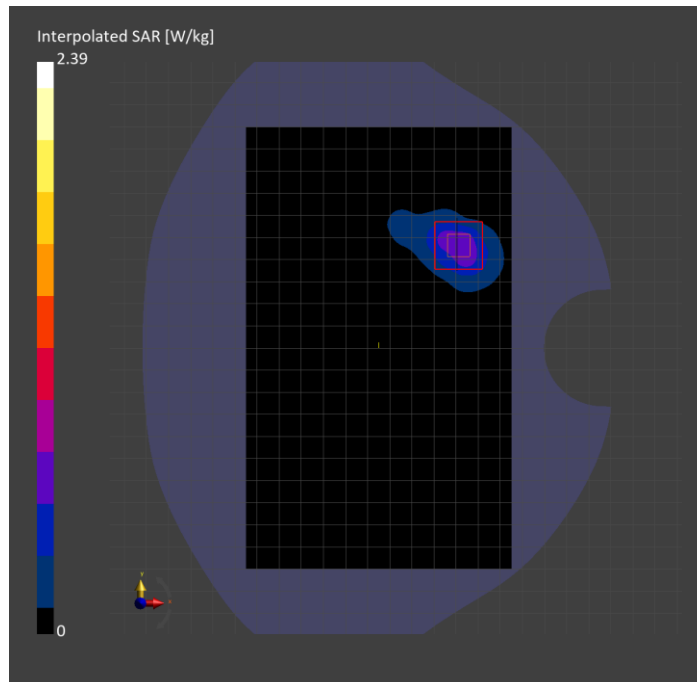
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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	N/A	Yes
M2/M1 [%]		59.3
Dist 3dB Peak [mm]		9.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.37 [10.5, 47.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.570	0.602
psSAR10g [W/Kg]	0.213	0.215
Power Drift [dB]	N/A	0.03



U-NII-4: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), EDGE LEFT

Exposure Conditions

Band	U-NII-4	TSL Permittivity	33.8
Frequency [MHz] Channel Number	5835.000 167	TSL Conductivity [S/m]	5.15
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.04	Test Distance [mm]	0.00

Hardware Setup

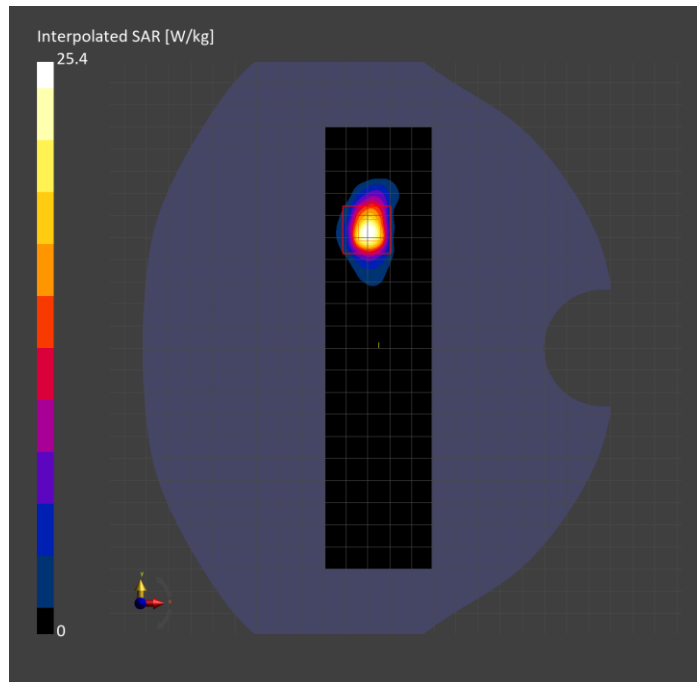
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		57.1
Dist 3dB Peak [mm]		4.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	25.1 [-29.0, 53.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.76	4.46
psSAR10g [W/Kg]	1.08	1.08
Power Drift [dB]	N/A	-0.09



U-NII-8: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	U-NII-8	TSL Permittivity	33.2
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.82
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.77	Test Distance [mm]	10.00

Hardware Setup

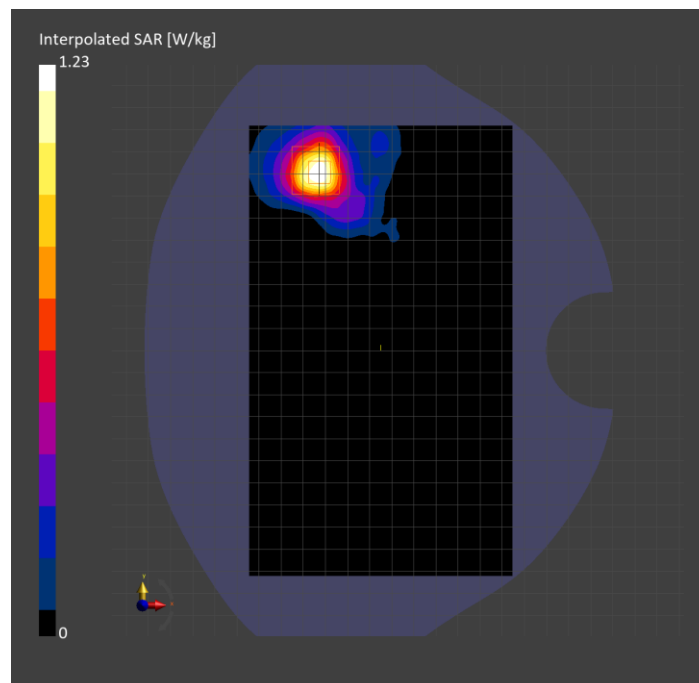
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		46.3
Dist 3dB Peak [mm]		9.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.23 [-52.7, 80.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.226	0.243	N/A
psSAR8g [W/Kg]	0.090	0.095	N/A
psSAR10g [W/Kg]	0.080	0.084	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.90
Power Drift [dB]	N/A	-0.14	-0.14



U-NII-6: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	U-NII-6	TSL Permittivity	33.9
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	6.24
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.77	Test Distance [mm]	0.00

Hardware Setup

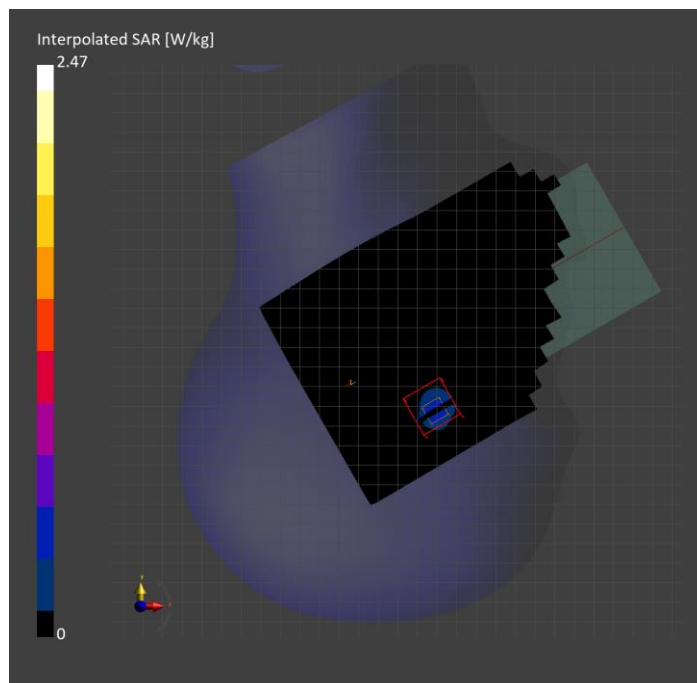
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.47 [49.5, -324.8, -174.7]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.419	0.484	N/A
psSAR8g [W/Kg]	0.134	0.152	N/A
psSAR10g [W/Kg]	0.115	0.131	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	3.05
Power Drift [dB]	N/A	0.05	0.05



U-NII-7: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), FRONT

Exposure Conditions

Band	U-NII-7	TSL Permittivity	35.0
Frequency [MHz] Channel Number	6665.000 143	TSL Conductivity [S/m]	6.14
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.59	Test Distance [mm]	0.00

Hardware Setup

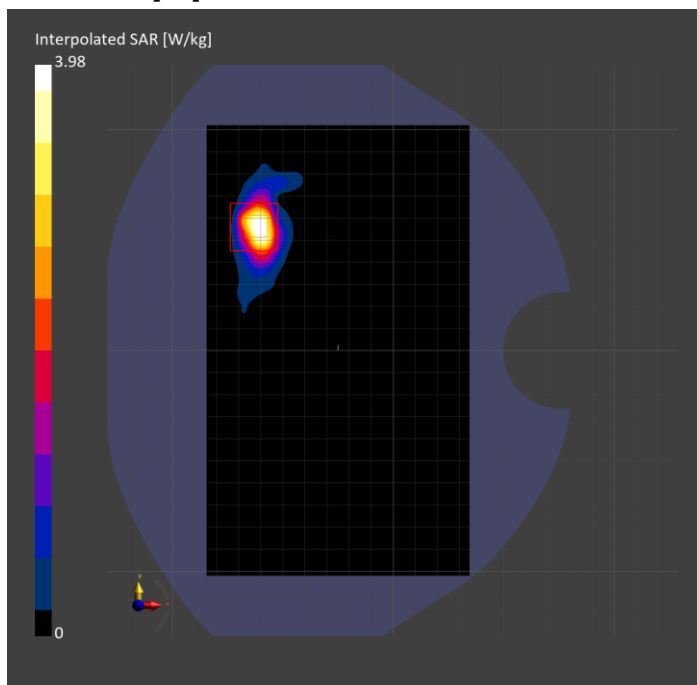
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DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		45.3
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.98 [-62.4, 55.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.594	0.681	N/A
psSAR8g [W/Kg]	0.201	0.204	N/A
psSAR10g [W/Kg]	0.173	0.171	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	4.08
Power Drift [dB]	N/A	-0.17	-0.17



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.2
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.22
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.04	Test Distance [mm]	10.00

Hardware Setup

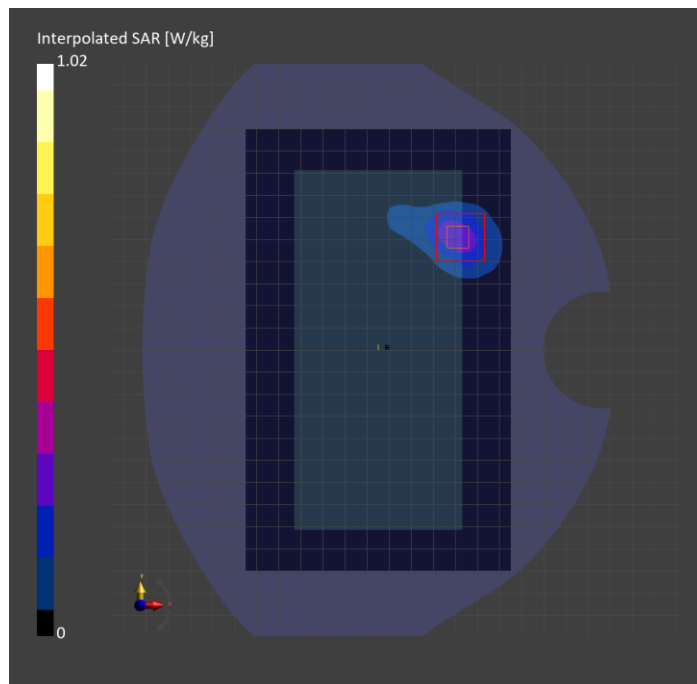
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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	N/A	Yes
M2/M1 [%]		58.3
Dist 3dB Peak [mm]		10.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [11.4, 51.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.244	0.262
psSAR10g [W/Kg]	0.092	0.092
Power Drift [dB]	N/A	-0.16



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), CHEEK

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.1
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.73
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	7.97	Test Distance [mm]	0.00

Hardware Setup

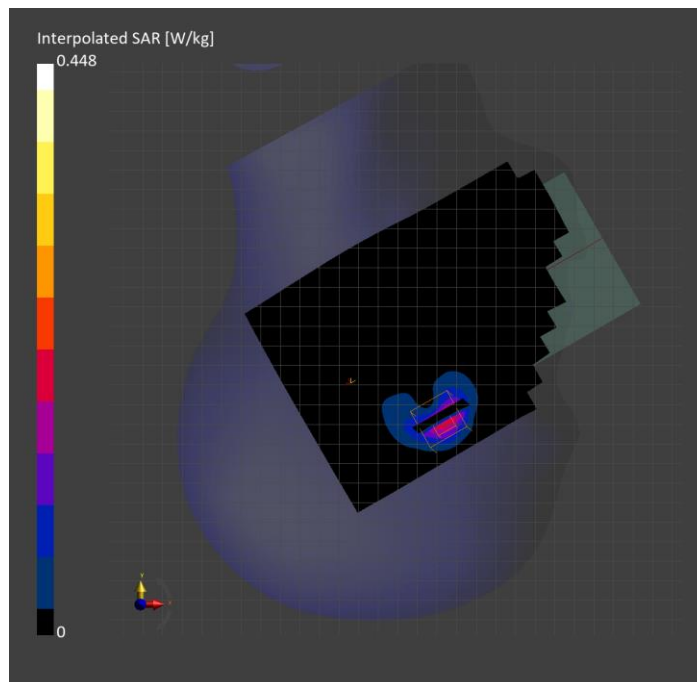
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.448 [55.3, -328.9, -173.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.158	0.174
psSAR10g [W/Kg]	0.068	0.065
Power Drift [dB]	N/A	0.02



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), FRONT

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.73
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.87	Test Distance [mm]	10.00

Hardware Setup

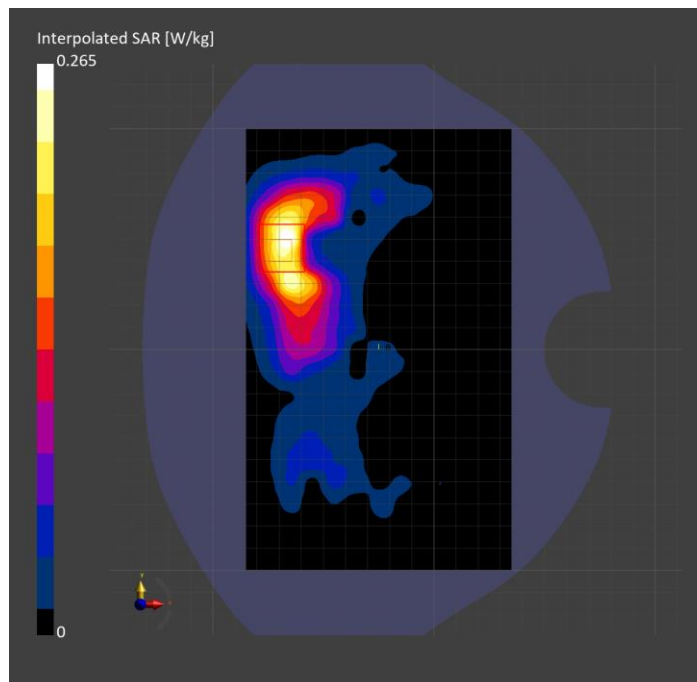
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.265 [-69.0, 44.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.094	0.127
psSAR10g [W/Kg]	0.046	0.059
Power Drift [dB]	N/A	-0.08



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE LEFT

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.73
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.87	Test Distance [mm]	10.00

Hardware Setup

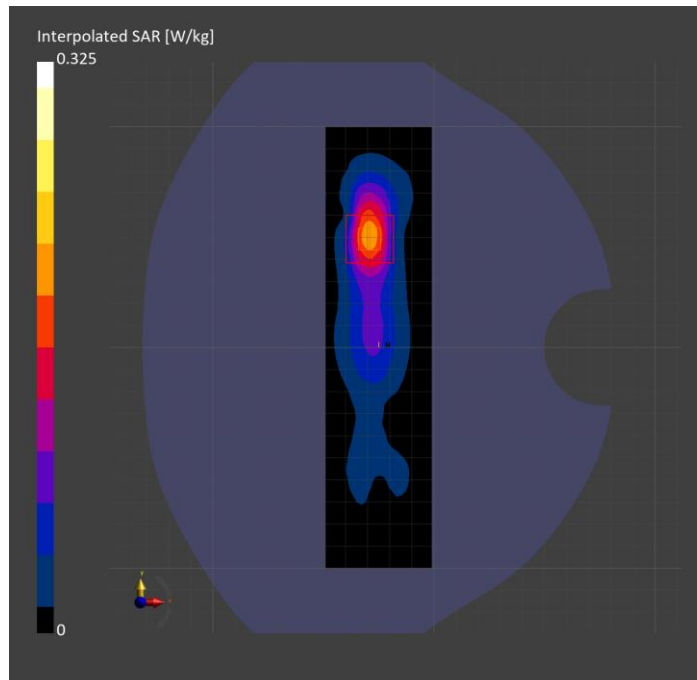
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.325 [-29.0, 49.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.160	0.162
psSAR10g [W/Kg]	0.072	0.074
Power Drift [dB]	N/A	-0.05



802.15.4: CW, CHEEK

Exposure Conditions

Band	802.15.4	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2440.000 0	TSL Conductivity [S/m]	1.73
Group UID	CW 0--	Phantom Section TSL	RightHead HSL
Conversion Factor	7.87	Test Distance [mm]	0.00

Hardware Setup

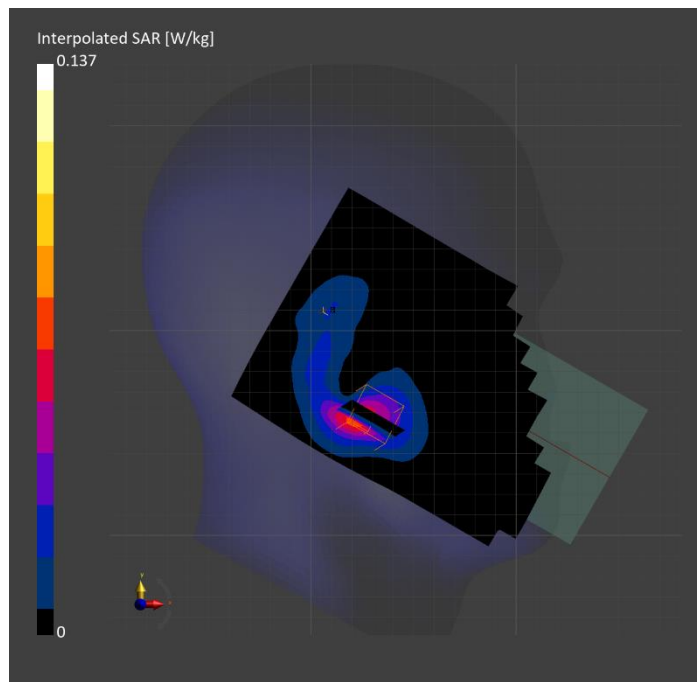
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.6
Dist 3dB Peak [mm]		4.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.631 [55.9, -329.3, -173.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.203	0.230
psSAR10g [W/Kg]	0.092	0.088
Power Drift [dB]	N/A	-0.05



802.15.4: CW, BACK

Exposure Conditions

Band	802.15.4	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2440.000 0	TSL Conductivity [S/m]	1.73
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	7.87	Test Distance [mm]	10.00

Hardware Setup

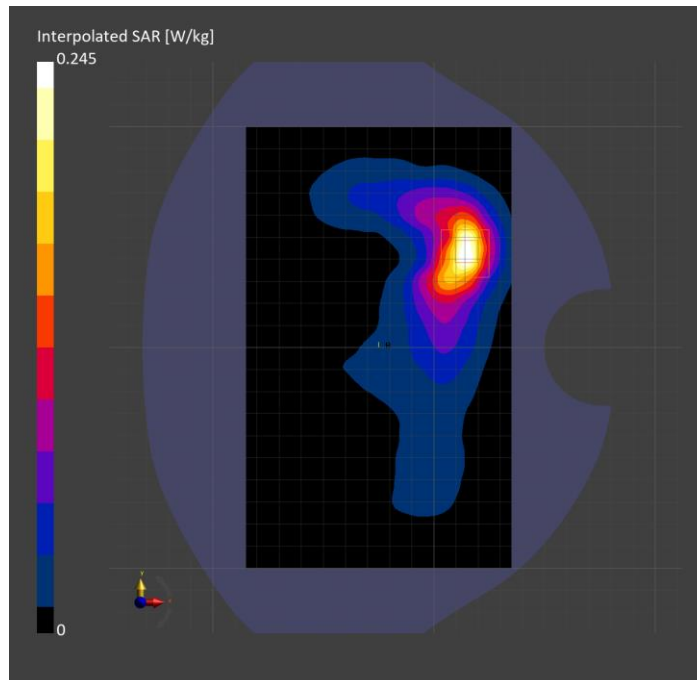
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.1
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.245 [14.0, 43.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.111	0.114
psSAR10g [W/Kg]	0.053	0.054
Power Drift [dB]	N/A	0.02



802.15.4: CW, EDGE LEFT

Exposure Conditions

Band	802.15.4	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2440.000 0	TSL Conductivity [S/m]	1.73
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	7.87	Test Distance [mm]	10.00

Hardware Setup

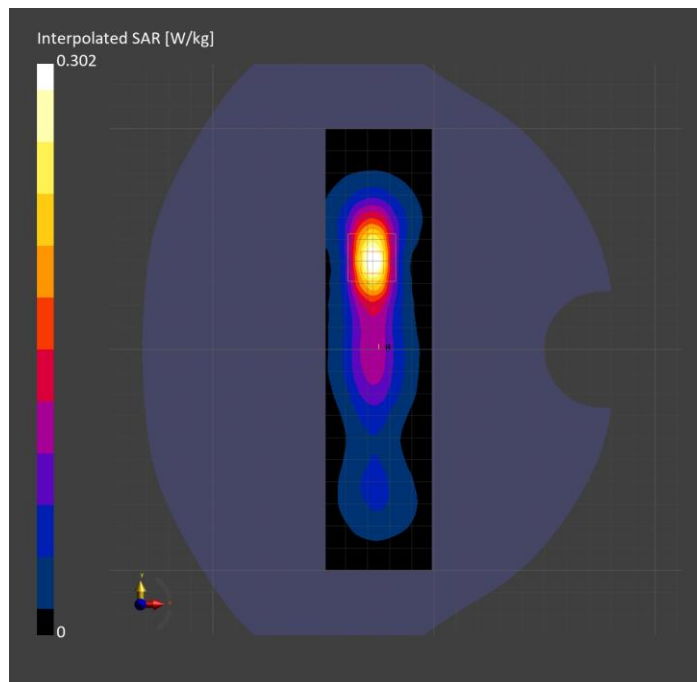
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.302 [-27.9, 40.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.144	0.146
psSAR10g [W/Kg]	0.065	0.067
Power Drift [dB]	N/A	-0.05



Measurement Report for NFC, BACK

Exposure Conditions

Band	NFC	TSL Permittivity	55.4
Frequency [MHz] Channel Number	13.560 0	TSL Conductivity [S/m]	0.731
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	18.85	Test Distance [mm]	0.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL4-250V3
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.8
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.876 [15.0, -1.7, -177.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.316	0.298
psSAR10g [W/Kg]	0.217	0.129
Power Drift [dB]	N/A	-0.03

