

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.6
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.897
Group UID	GSM 10028-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

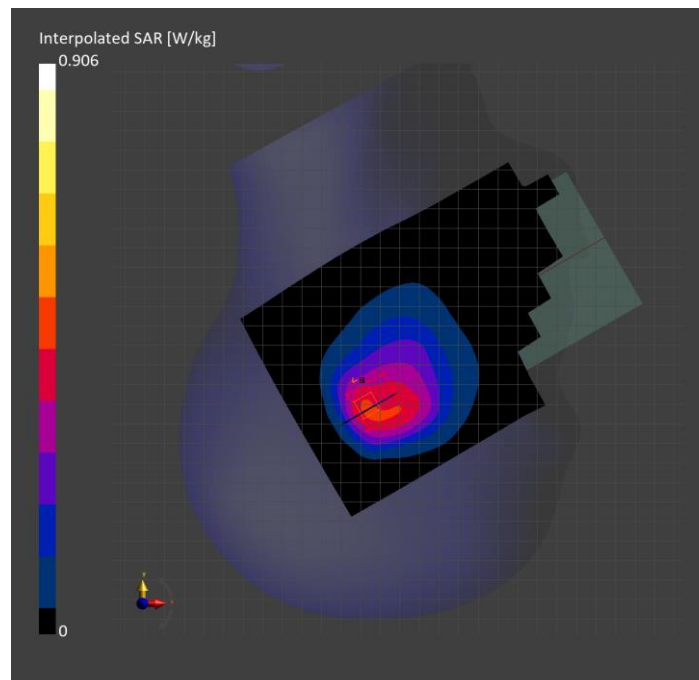
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.1
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.906 [11.9, -323.0, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.404	0.415
psSAR10g [W/Kg]	0.274	0.253
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.5
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.872
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	10.00

Hardware Setup

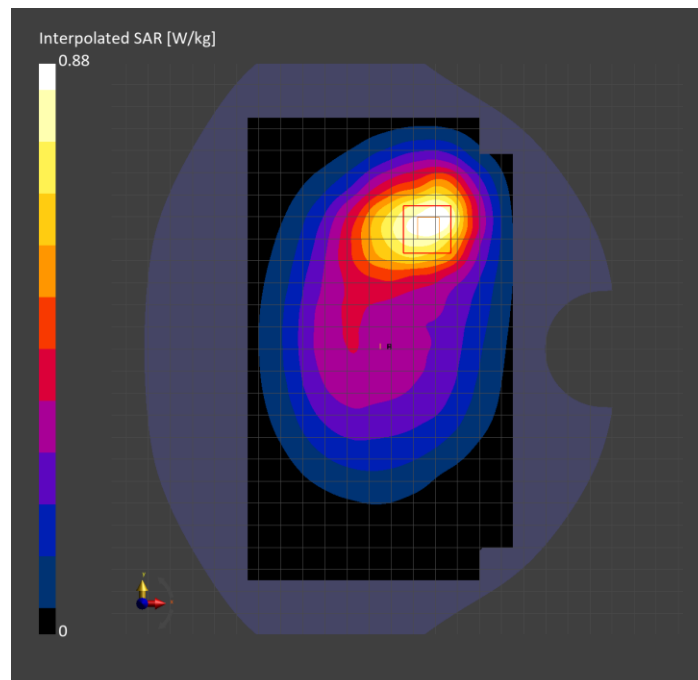
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		86.5
Dist 3dB Peak [mm]		16.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.880 [-0.1, 56.7, -207.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.517	0.553
psSAR10g [W/Kg]	0.344	0.344
Power Drift [dB]	N/A	-0.15



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.5
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.872
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	10.00

Hardware Setup

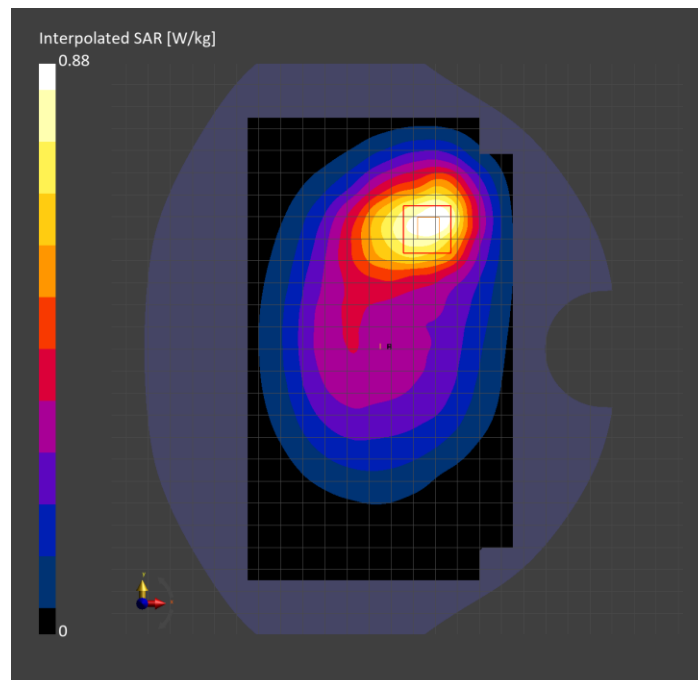
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		86.5
Dist 3dB Peak [mm]		16.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.880 [-0.1, 56.7, -207.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.517	0.553
psSAR10g [W/Kg]	0.344	0.344
Power Drift [dB]	N/A	-0.15



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.36
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.55	Test Distance [mm]	10.00

Hardware Setup

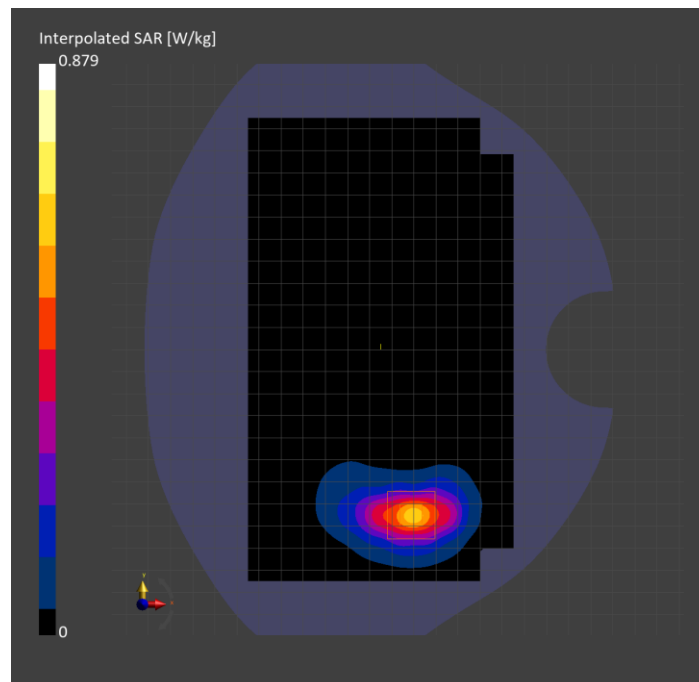
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		84.5
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.879 [-11.1, -74.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.487	0.507
psSAR10g [W/Kg]	0.248	0.269
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.36
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.55	Test Distance [mm]	10.00

Hardware Setup

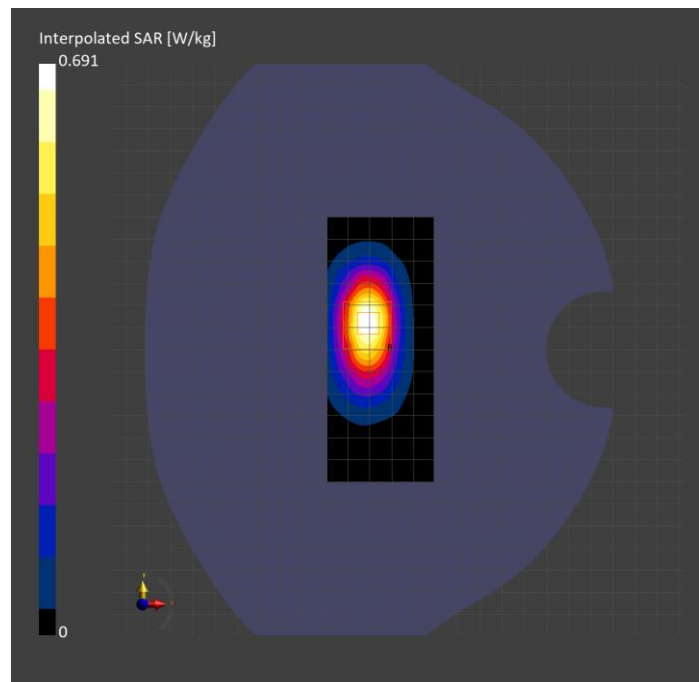
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		84.9
Dist 3dB Peak [mm]		10.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.691 [-29.8, 10.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.376	0.384
psSAR10g [W/Kg]	0.195	0.202
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	42.6
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.30
Group UID	GSM 10028-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.96	Test Distance [mm]	0.00

Hardware Setup

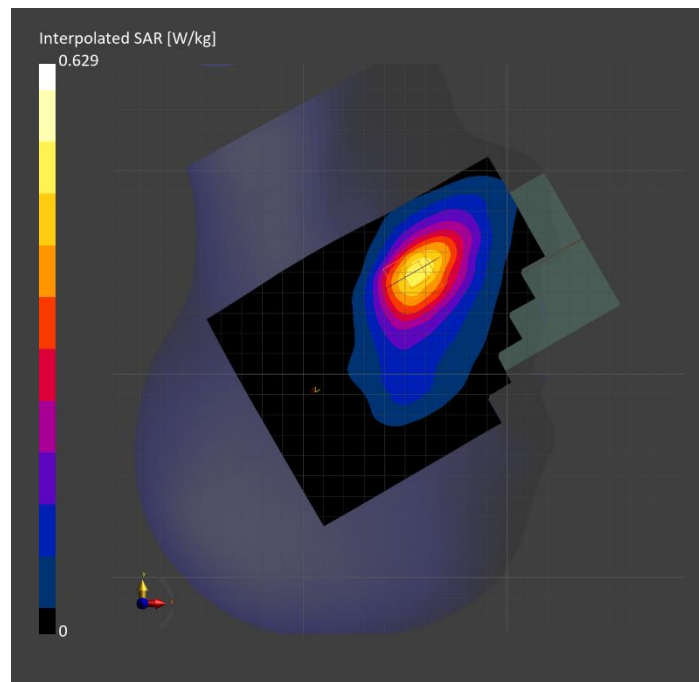
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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]		12.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.629 [55.0, -249.3, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.415	0.432
psSAR10g [W/Kg]	0.240	0.276
Power Drift [dB]	N/A	-0.04



Band 2: UMTS-FDD (WCDMA), BACK

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

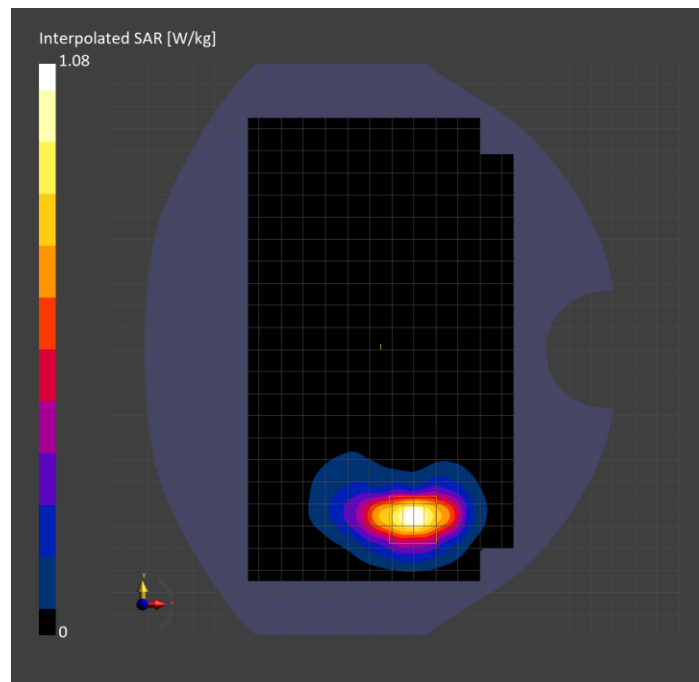
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		85.9
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-9.4, -75.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.595	0.630
psSAR10g [W/Kg]	0.298	0.333
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band 2	TSL Permittivity	41.7
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.39
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

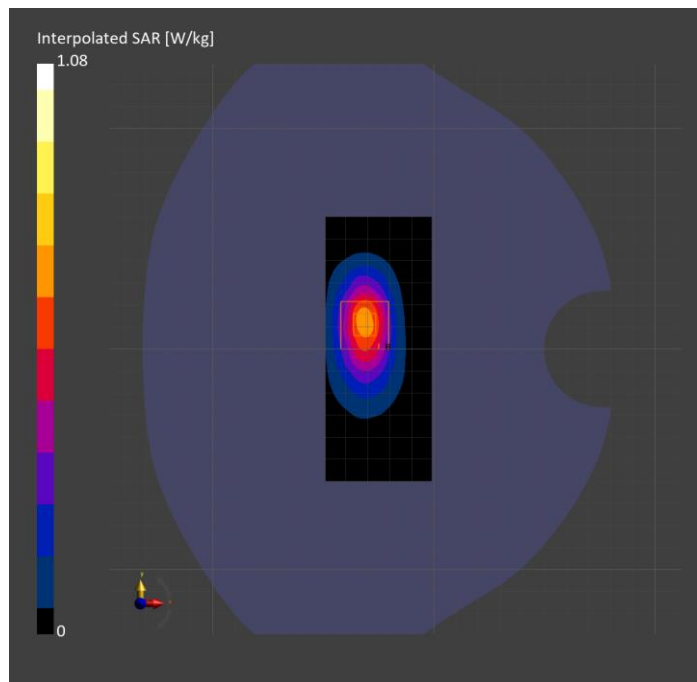
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		81.2
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-30.8, 11.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.551	0.579
psSAR10g [W/Kg]	0.283	0.300
Power Drift [dB]	N/A	-0.03



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.30
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.96	Test Distance [mm]	0.00

Hardware Setup

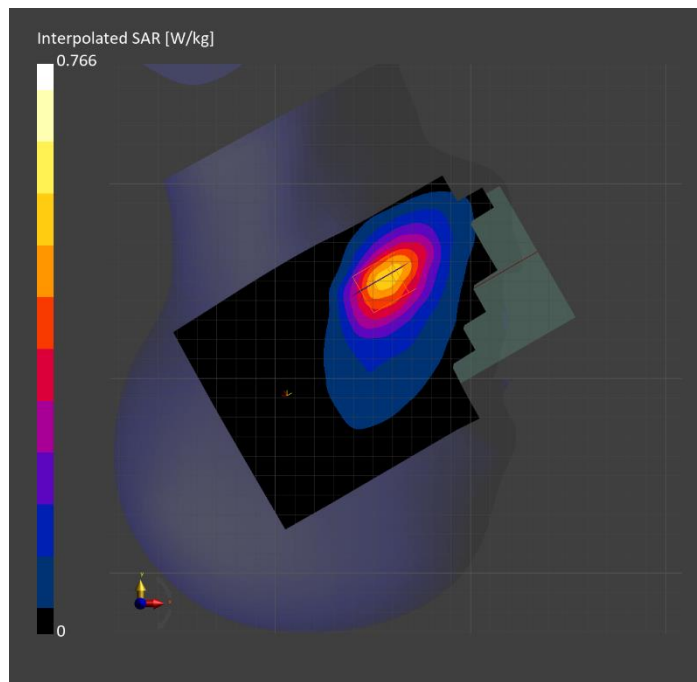
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		86.4
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.766 [54.3, -248.3, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.445	0.496
psSAR10g [W/Kg]	0.257	0.313
Power Drift [dB]	N/A	0.03



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

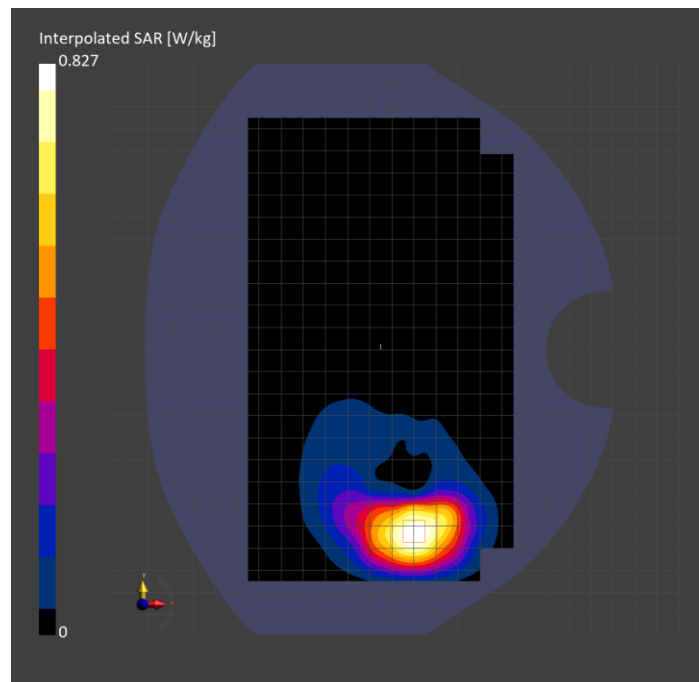
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.7
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.827 [-9.4, -82.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.398	0.491
psSAR10g [W/Kg]	0.228	0.268
Power Drift [dB]	N/A	-0.09



Band 4: UMTS-FDD (WCDMA), EDGE BOTTOM

Exposure Conditions

Band	Band 4	TSL Permittivity	42.0
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.30
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	10.00

Hardware Setup

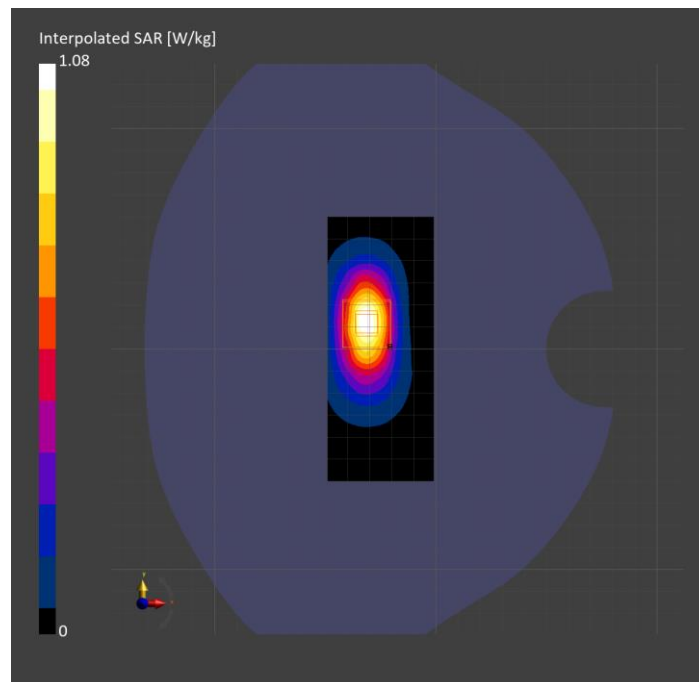
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DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.0
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-30.8, 11.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.555	0.580
psSAR10g [W/Kg]	0.288	0.303
Power Drift [dB]	N/A	-0.12



Band 4: UMTS-FDD (WCDMA), CHEEK

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	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

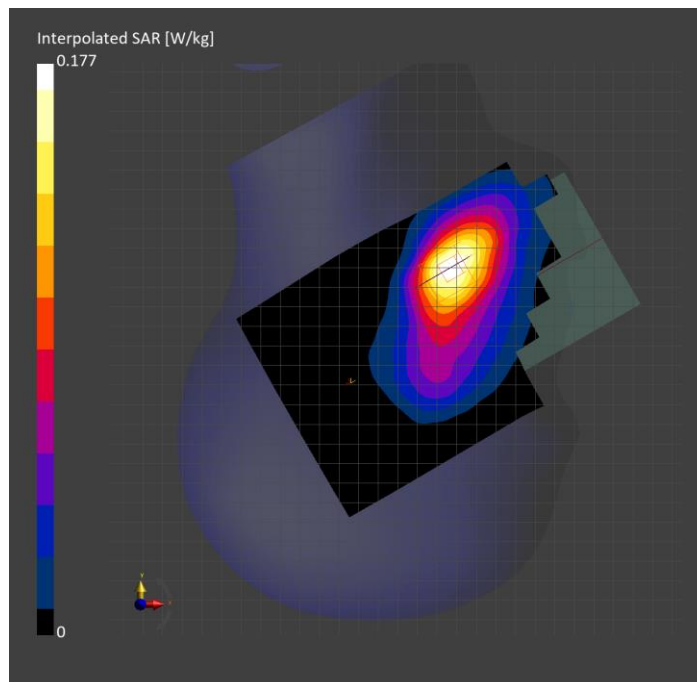
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		91.1
Dist 3dB Peak [mm]		14.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.177 [57.7, -249.0, -173.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.120	0.128
psSAR10g [W/Kg]	0.071	0.084
Power Drift [dB]	N/A	-0.03



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.7
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.930
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

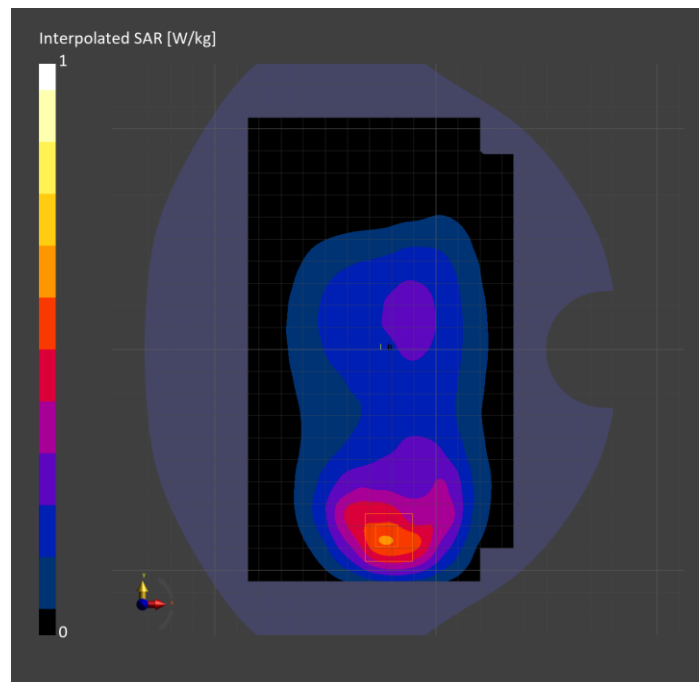
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		81.7
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.01 [-22.1, -83.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.506	0.554
psSAR10g [W/Kg]	0.329	0.314
Power Drift [dB]	N/A	-0.03



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.7
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.930
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

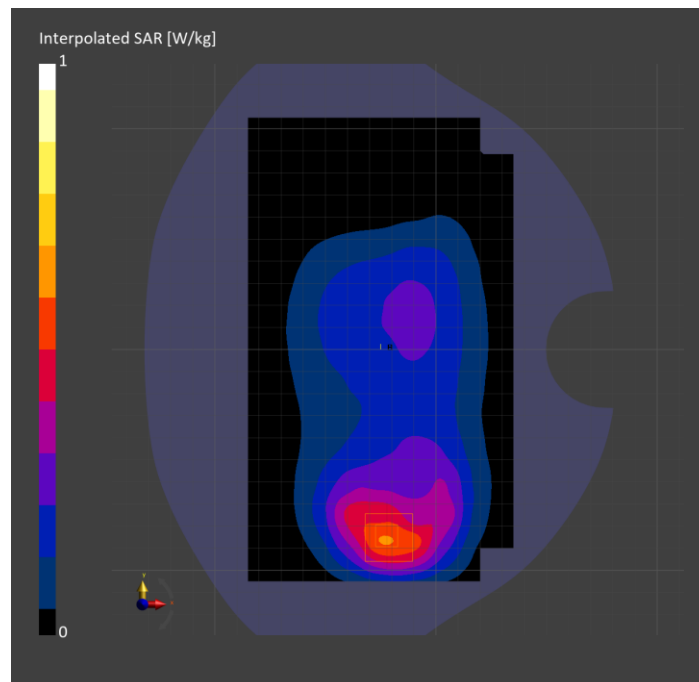
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		81.7
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.01 [-22.1, -83.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.506	0.554
psSAR10g [W/Kg]	0.329	0.314
Power Drift [dB]	N/A	-0.03



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.1
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.882
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.33	Test Distance [mm]	0.00

Hardware Setup

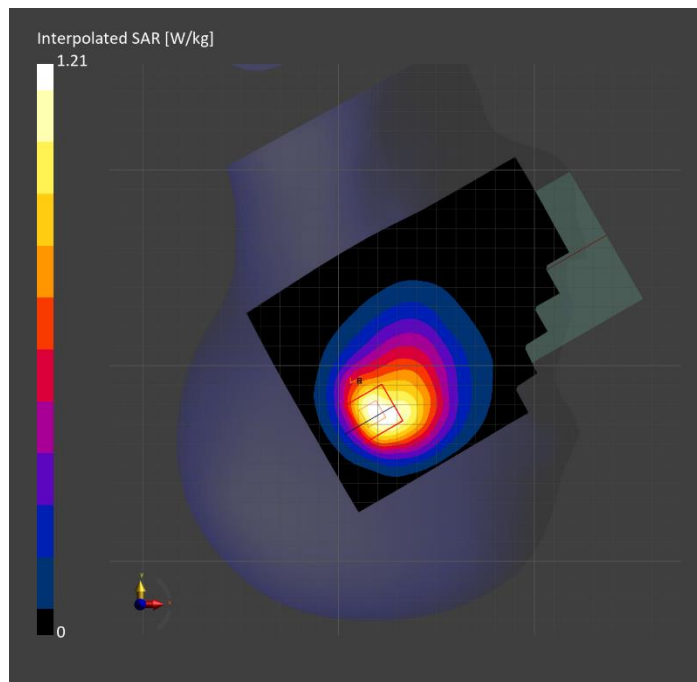
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DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		78.7
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.21 [12.6, -329.3, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.635	0.581
psSAR10g [W/Kg]	0.417	0.351
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band 5	TSL Permittivity	40.3
Frequency [MHz] Channel Number	831.600 20476	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

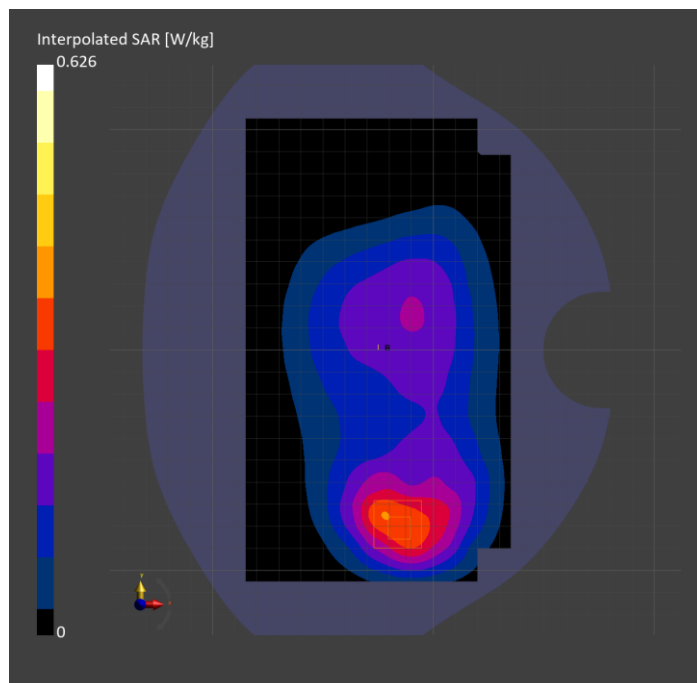
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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]		12.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.626 [-12.5, -81.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.315	0.350
psSAR10g [W/Kg]	0.210	0.200
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band 5	TSL Permittivity	40.3
Frequency [MHz] Channel Number	831.600 20476	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

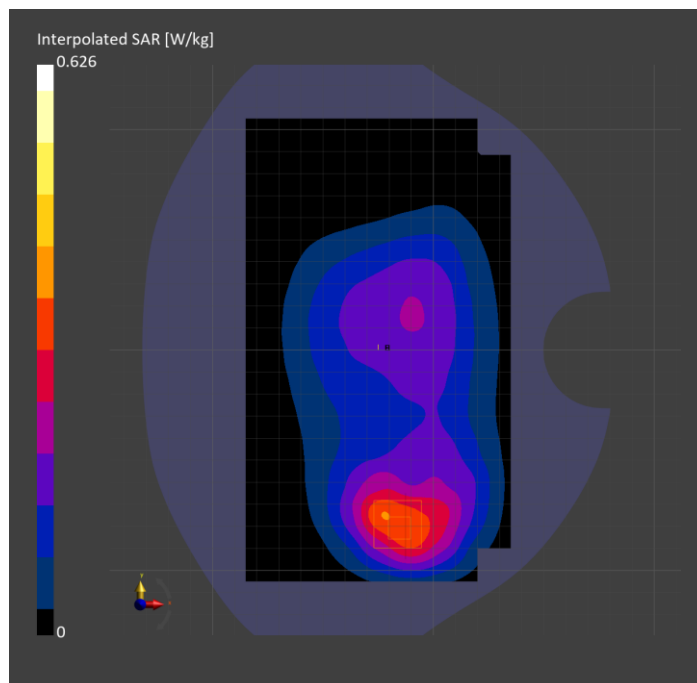
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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]		12.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.626 [-12.5, -81.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.315	0.350
psSAR10g [W/Kg]	0.210	0.200
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band 5	TSL Permittivity	40.3
Frequency [MHz] Channel Number	831.600 20476	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

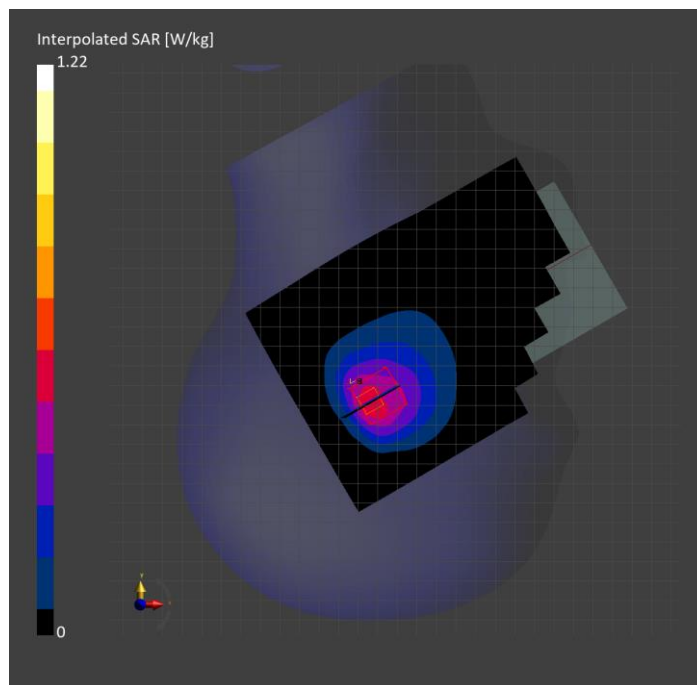
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		67.7
Dist 3dB Peak [mm]		8.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [14.3, -318.2, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.495	0.473
psSAR10g [W/Kg]	0.313	0.275
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 7	TSL Permittivity	39.7
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.81
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

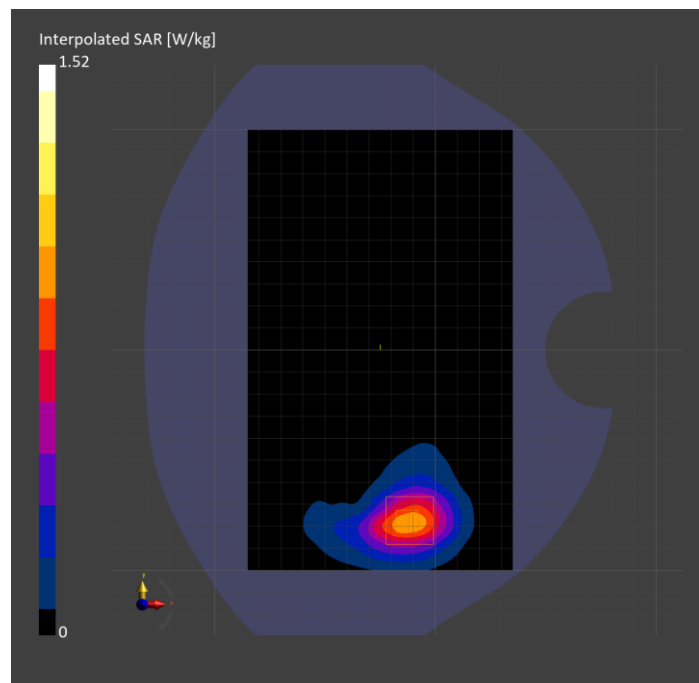
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.5
Dist 3dB Peak [mm]		11.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.52 [-12.0, -78.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.789	0.800
psSAR10g [W/Kg]	0.393	0.407
Power Drift [dB]	N/A	0.07



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

Exposure Conditions

Band	Band 7	TSL Permittivity	40.0
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.77
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	10.00

Hardware Setup

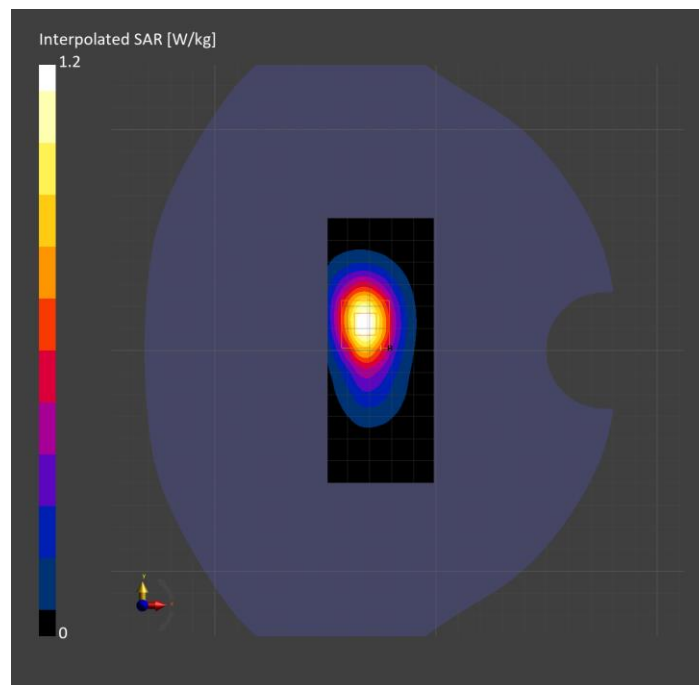
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		83.8
Dist 3dB Peak [mm]		9.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.20 [-31.2, 10.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.640	0.654
psSAR10g [W/Kg]	0.307	0.324
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 7	TSL Permittivity	40.6
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.84
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

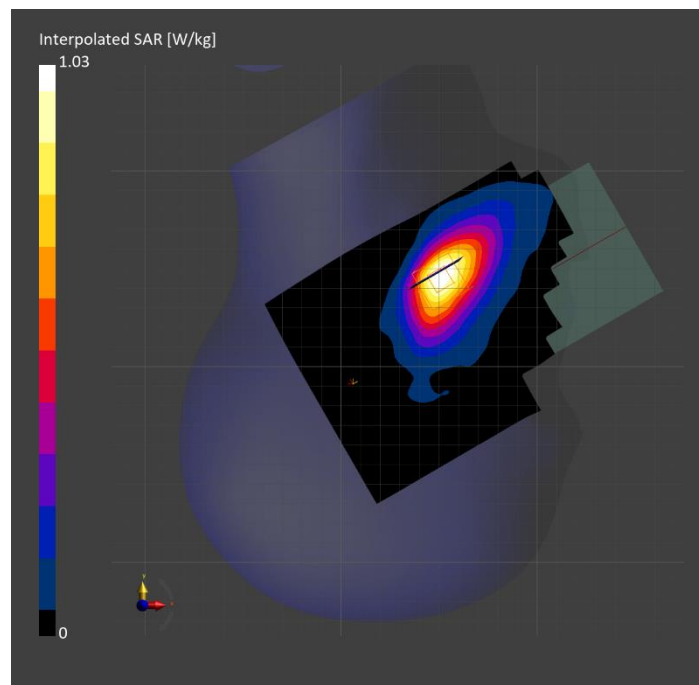
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.1
Dist 3dB Peak [mm]		11.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [50.1, -250.4, -174.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.578	0.595
psSAR10g [W/Kg]	0.301	0.325
Power Drift [dB]	N/A	0.17



Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 7	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2525.100 21001	TSL Conductivity [S/m]	1.78
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

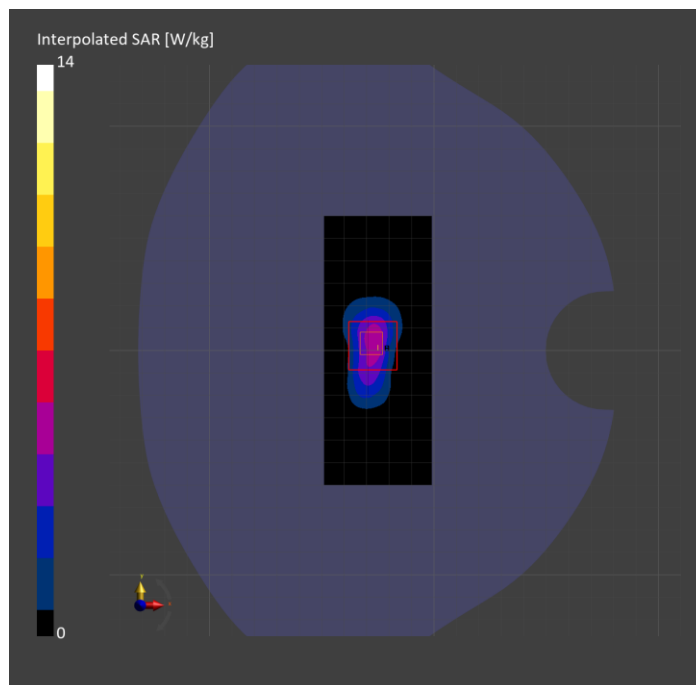
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.2 x 4.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.7
Dist 3dB Peak [mm]		4.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	14.0 [-29.4, -7.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.12	4.67
psSAR10g [W/Kg]	1.80	1.88
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Band 12	TSL Permittivity	42.7
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.859
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

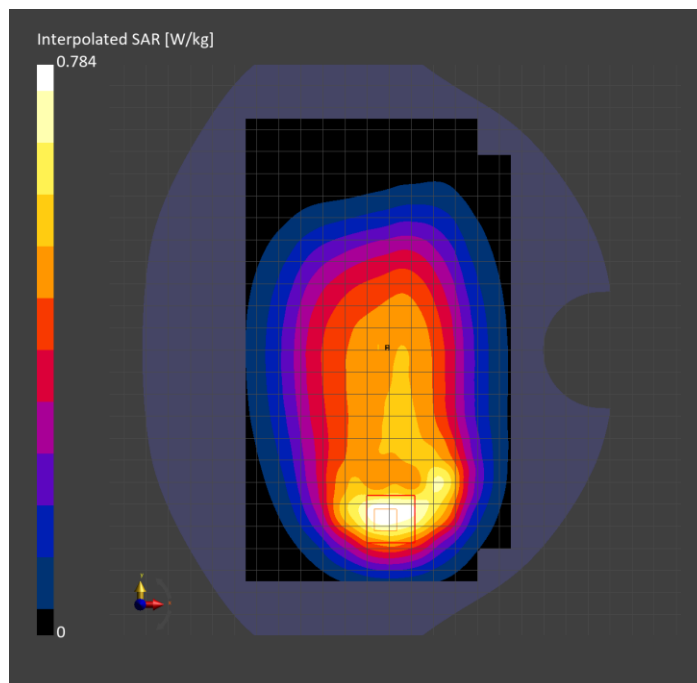
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		73.7
Dist 3dB Peak [mm]		14.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.784 [-20.5, -76.5, -207.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.358	0.359
psSAR10g [W/Kg]	0.235	0.208
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 12	TSL Permittivity	42.9
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.852
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

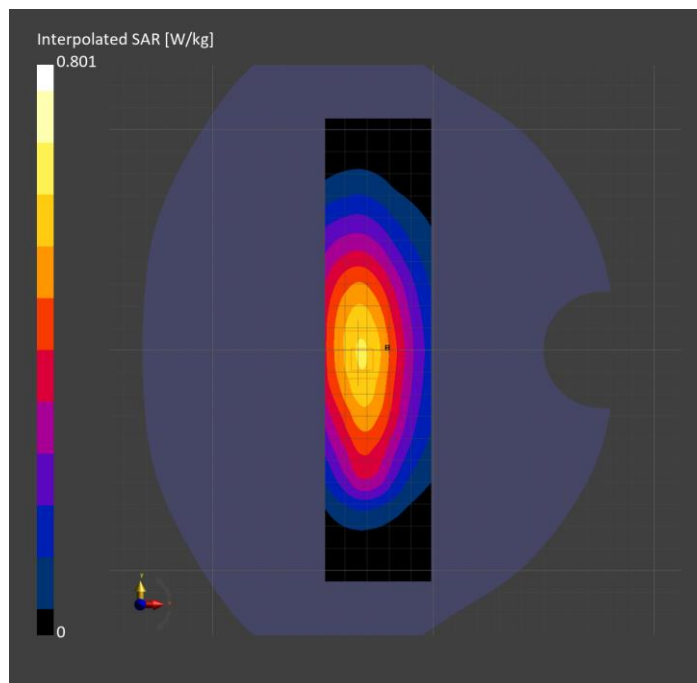
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		86.5
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.801 [-34.0, -4.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.533	0.540
psSAR10g [W/Kg]	0.364	0.372
Power Drift [dB]	N/A	-0.17



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

Exposure Conditions

Band	Band 12	TSL Permittivity	40.5
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.825
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.87	Test Distance [mm]	0.00

Hardware Setup

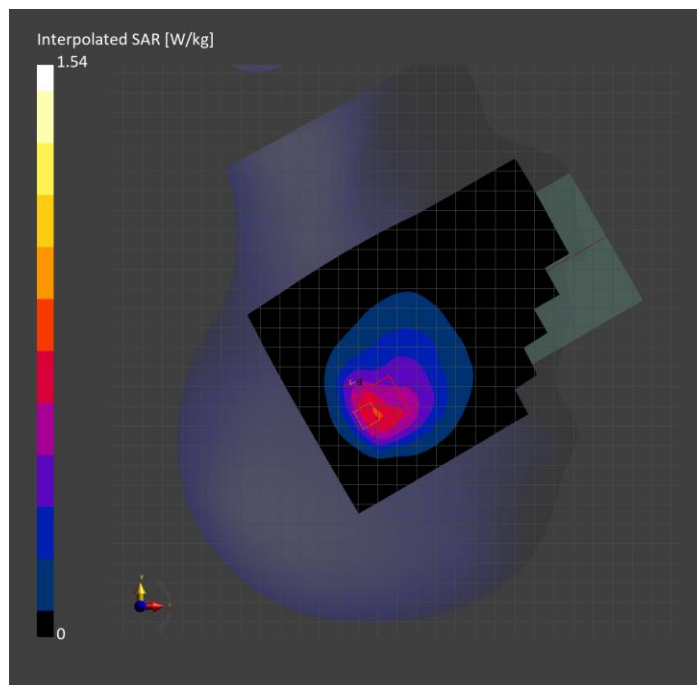
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		68.1
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.54 [14.0, -328.9, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.661	0.614
psSAR10g [W/Kg]	0.426	0.368
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 13	TSL Permittivity	42.5
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.885
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

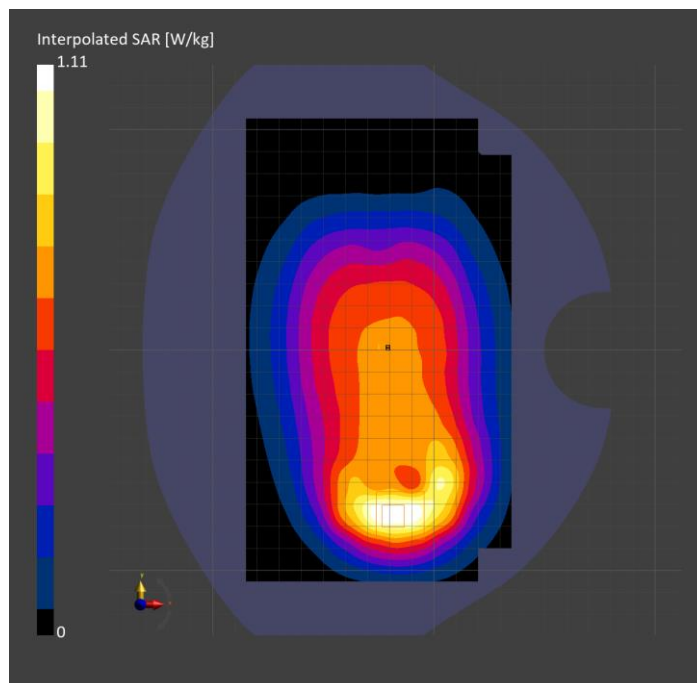
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		73.9
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [-20.3, -73.9, -207.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.467	0.524
psSAR10g [W/Kg]	0.301	0.300
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 13	TSL Permittivity	42.5
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.885
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

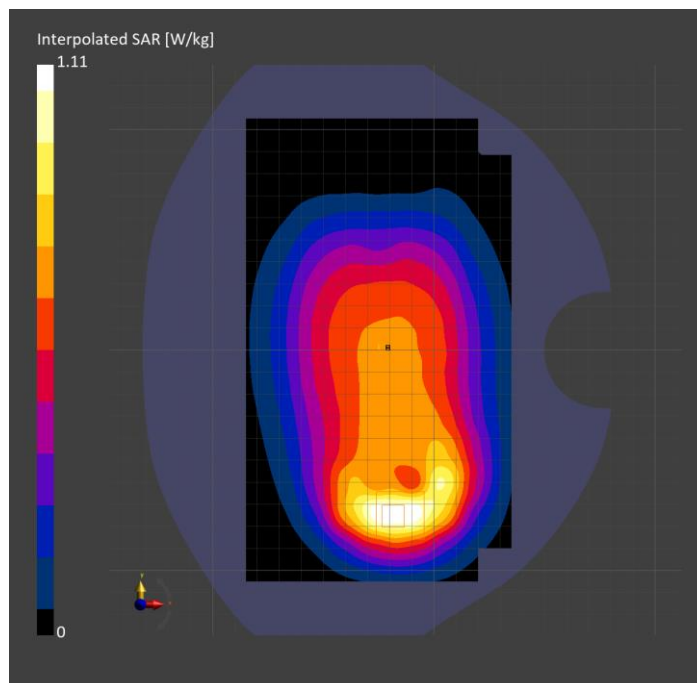
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		73.9
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [-20.3, -73.9, -207.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.467	0.524
psSAR10g [W/Kg]	0.301	0.300
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 13	TSL Permittivity	44.3
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.840
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

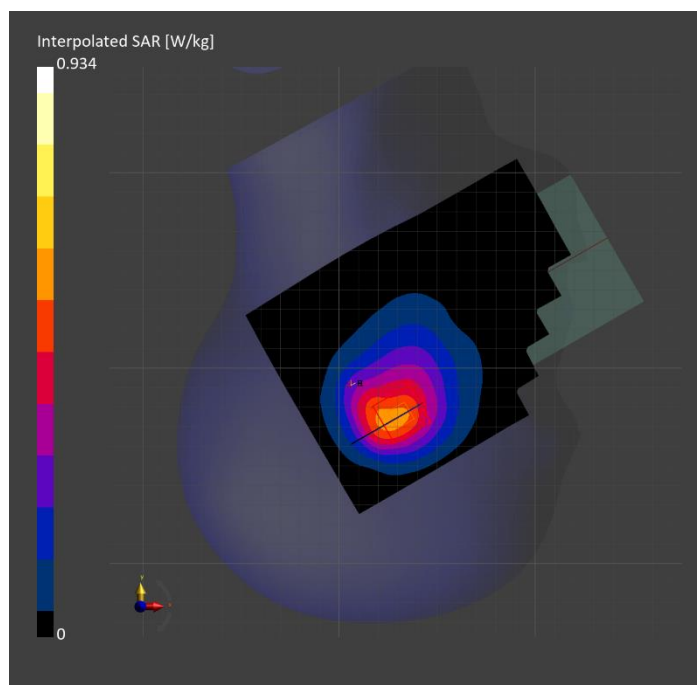
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		71.5
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.934 [16.4, -333.7, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.504	0.476
psSAR10g [W/Kg]	0.334	0.305
Power Drift [dB]	N/A	-0.11



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

Exposure Conditions

Band	Band 14	TSL Permittivity	42.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.889
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

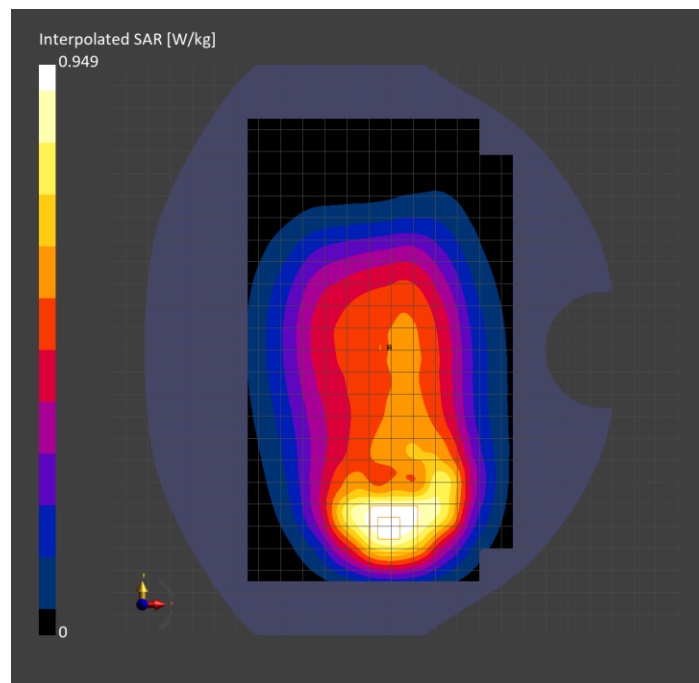
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		76.7
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.948 [-21.4, -79.4, -207.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.425	0.458
psSAR10g [W/Kg]	0.284	0.262
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band 14	TSL Permittivity	42.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.889
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

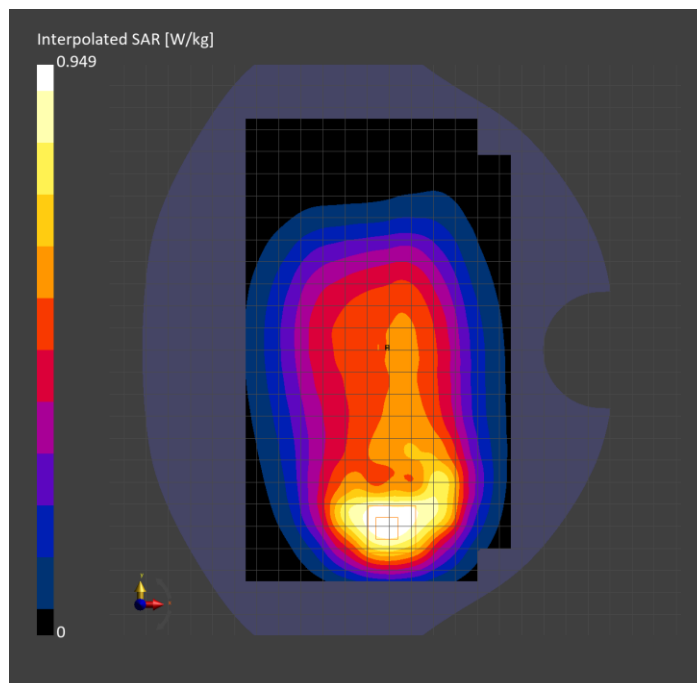
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		76.7
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.948 [-21.4, -79.4, -207.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.425	0.458
psSAR10g [W/Kg]	0.284	0.262
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band 14	TSL Permittivity	42.3
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.868
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.87	Test Distance [mm]	0.00

Hardware Setup

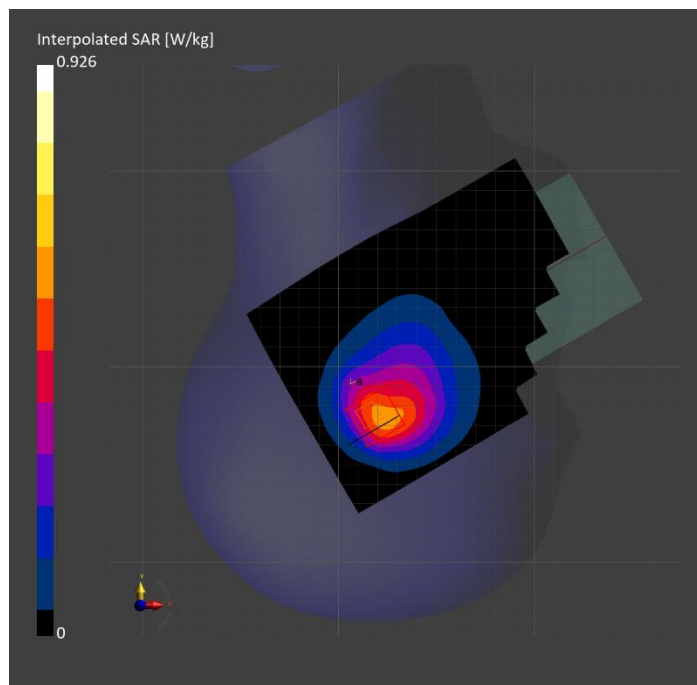
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		73.2
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.926 [15.1, -334.7, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.501	0.441
psSAR10g [W/Kg]	0.331	0.273
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Band 25	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

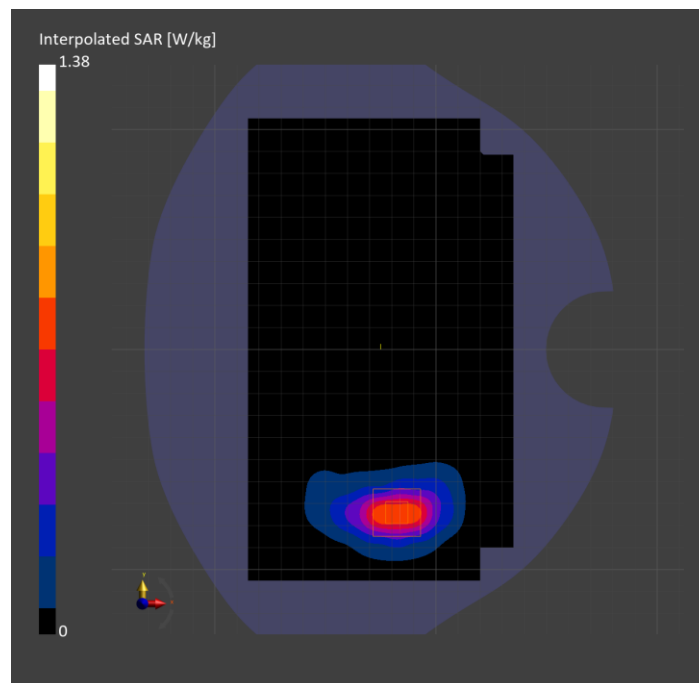
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		82.8	83.3
Dist 3dB Peak [mm]		9.6	9.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-16.4, -72.9, -207.0]	1.38 [-16.4, -72.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.646	0.759	0.763
psSAR10g [W/Kg]	0.337	0.404	0.405
Power Drift [dB]	N/A	-0.03	-0.02



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

Exposure Conditions

Band	Band 25	TSL Permittivity	41.1
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.32
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.42	Test Distance [mm]	0.00

Hardware Setup

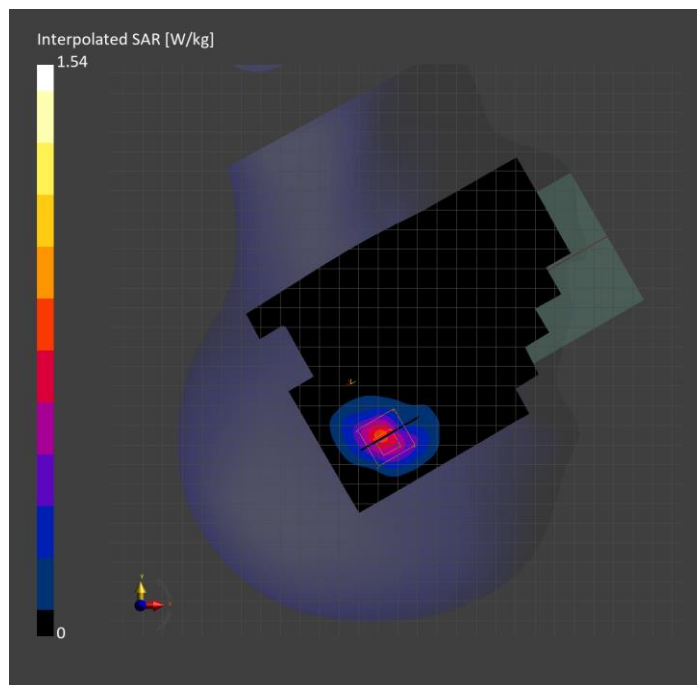
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.7 x 5.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.9
Dist 3dB Peak [mm]		7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.54 [21.1, -338.3, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.719
psSAR10g [W/Kg]	0.309	0.339
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 25	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.46
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

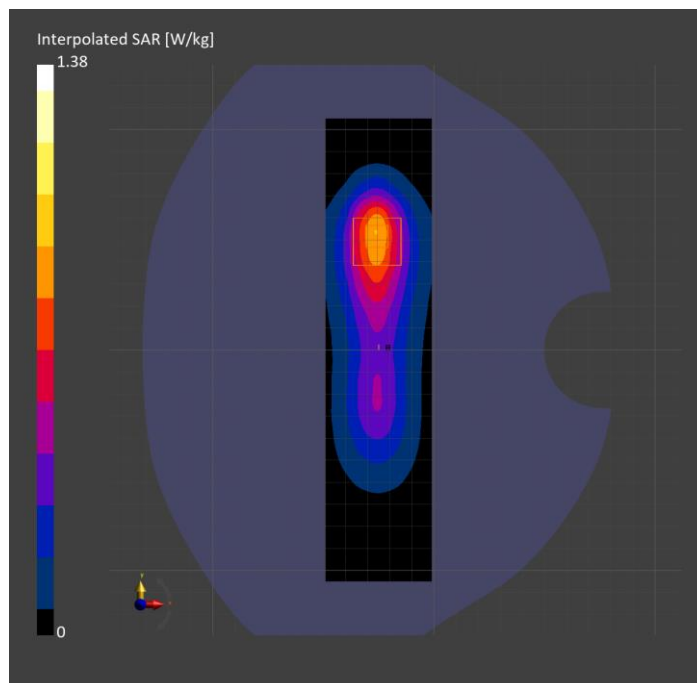
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		81.3
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-25.7, 54.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.742	0.754
psSAR10g [W/Kg]	0.408	0.416
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 26	TSL Permittivity	43.2
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10160-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

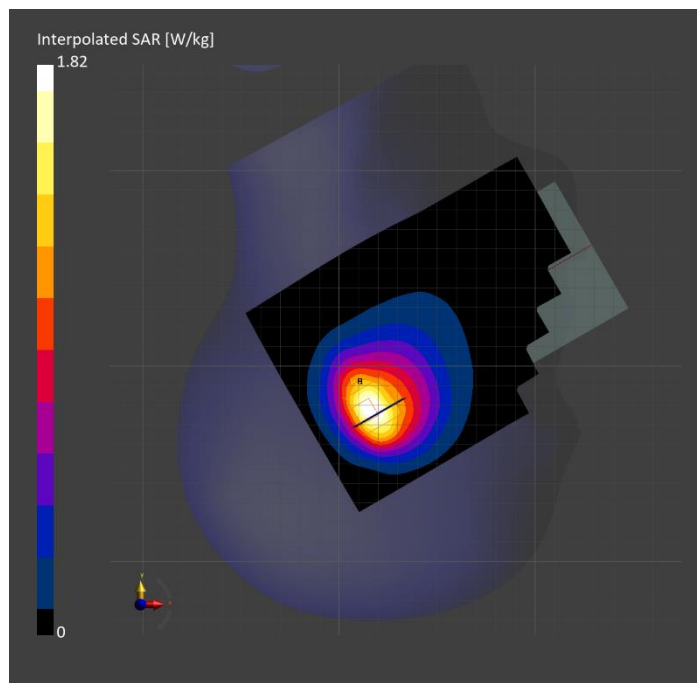
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		67.7
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.82 [11.9, -328.0, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.729	0.725
psSAR10g [W/Kg]	0.451	0.406
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 26	TSL Permittivity	40.7
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10181-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	10.00

Hardware Setup

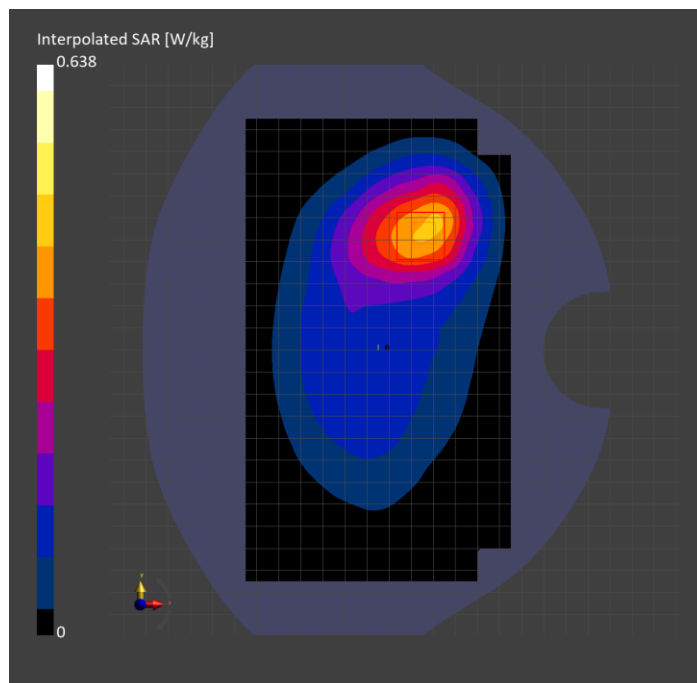
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		87.1
Dist 3dB Peak [mm]		16.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.638 [-2.1, 54.6, -207.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.387	0.402
psSAR10g [W/Kg]	0.260	0.251
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 26	TSL Permittivity	41.5
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.871
Group UID	LTE-FDD 10181-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	10.00

Hardware Setup

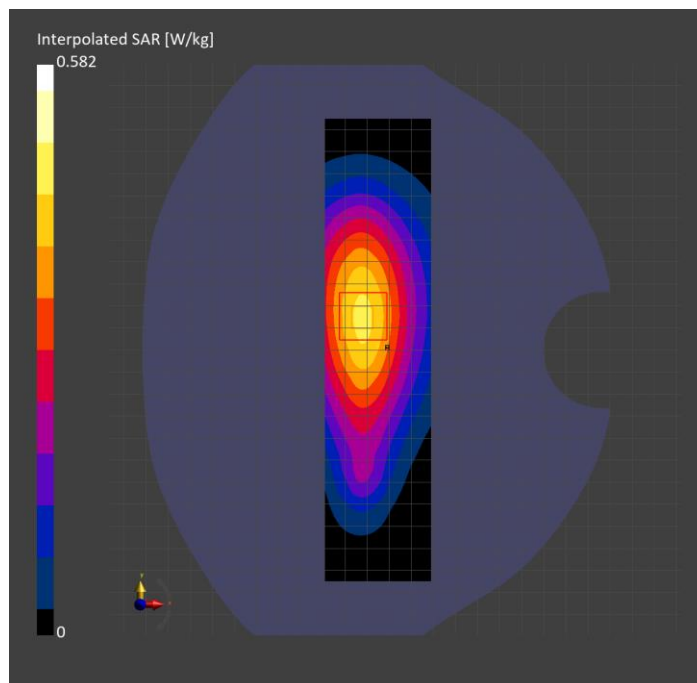
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		88.0
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.582 [-32.8, 14.0, -208.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.394	0.402
psSAR10g [W/Kg]	0.267	0.280
Power Drift [dB]	N/A	0.02



Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 30	TSL Permittivity	38.7
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.59
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	10.00

Hardware Setup

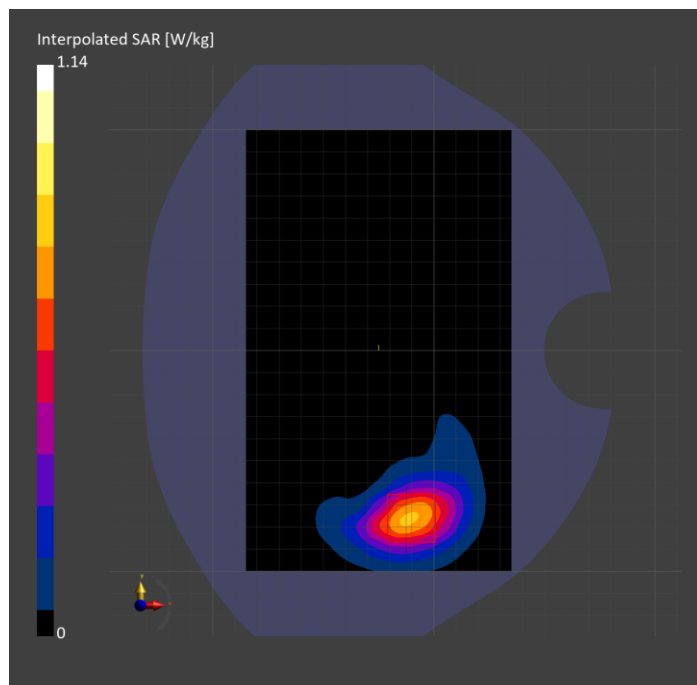
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		83.9
Dist 3dB Peak [mm]		11.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.14 [-12.5, -76.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.634	0.654
psSAR10g [W/Kg]	0.332	0.354
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 30	TSL Permittivity	38.2
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.63
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.82	Test Distance [mm]	0.00

Hardware Setup

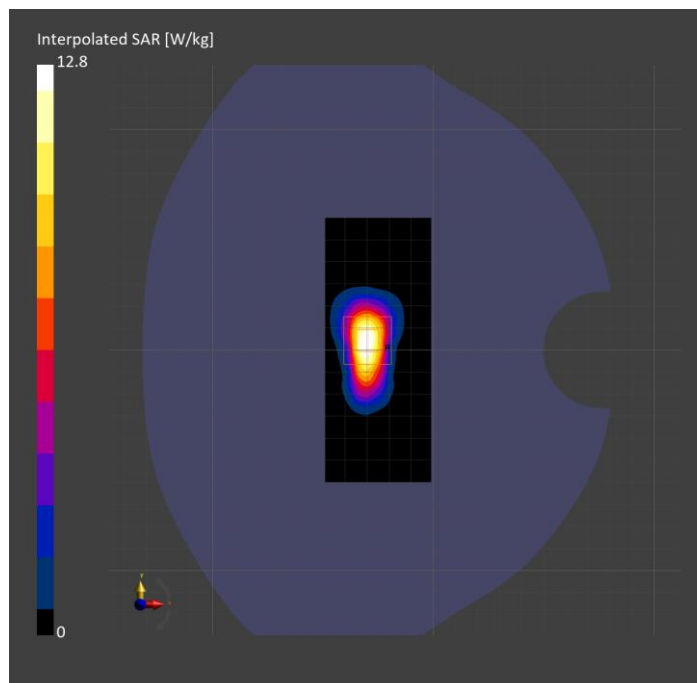
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	4.5 x 4.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.5
Dist 3dB Peak [mm]		5.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	12.8 [-29.2, -5.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.25	4.51
psSAR10g [W/Kg]	1.86	1.83
Power Drift [dB]	N/A	-0.00



Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 30	TSL Permittivity	40.1
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.62
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.4	Test Distance [mm]	0.00

Hardware Setup

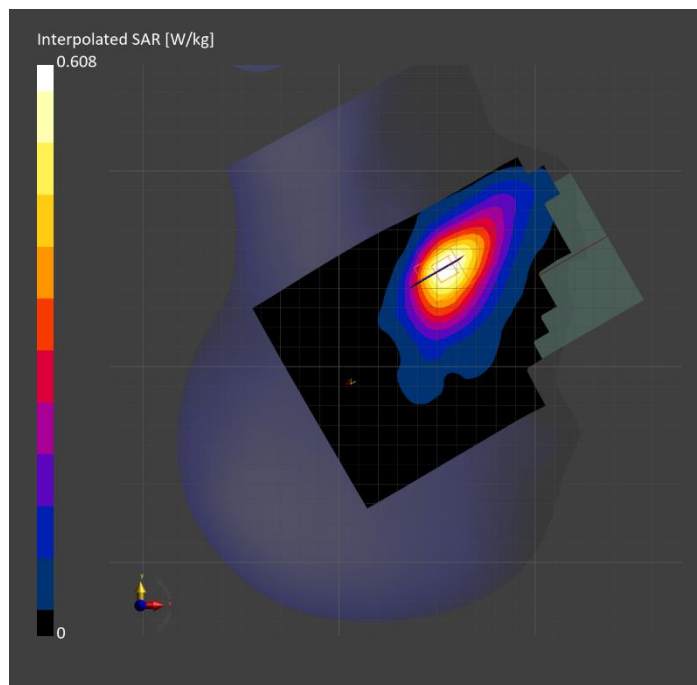
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		90.1
Dist 3dB Peak [mm]		12.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.608 [56.2, -247.1, -173.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.391	0.408
psSAR10g [W/Kg]	0.212	0.244
Power Drift [dB]	N/A	-0.02



Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 30	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.61
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	10.00

Hardware Setup

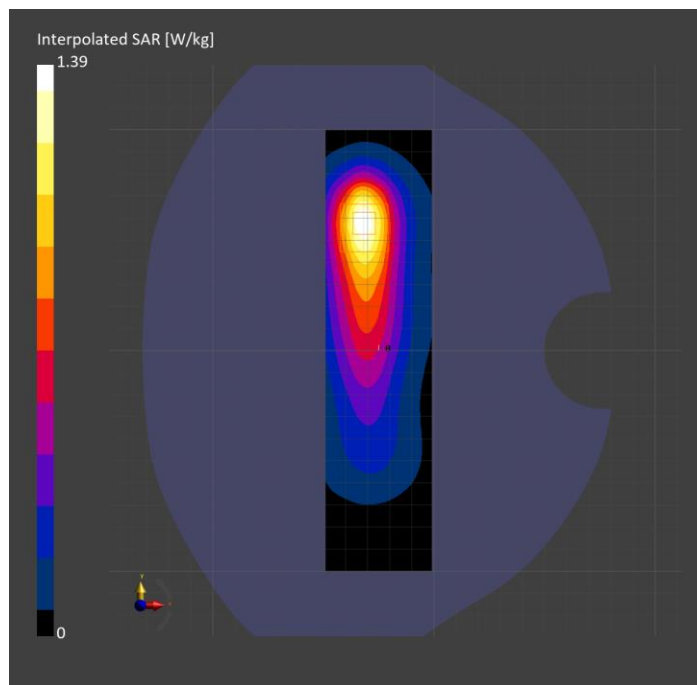
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.2
Dist 3dB Peak [mm]		11.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.39 [-31.7, 61.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.735	0.758
psSAR10g [W/Kg]	0.384	0.409
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	41.3
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.83
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	10.00

Hardware Setup

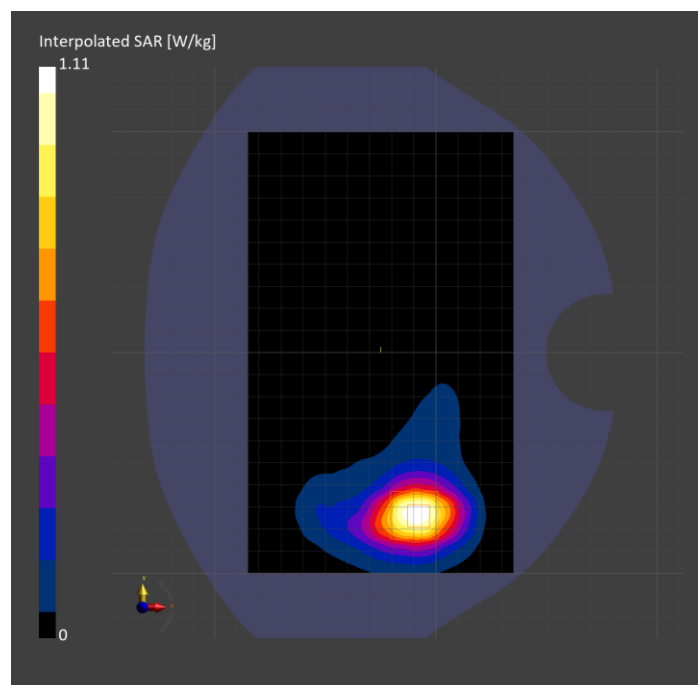
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		83.0
Dist 3dB Peak [mm]		11.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [-6.5, -74.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.580	0.604
psSAR10g [W/Kg]	0.288	0.310
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, EDGE BOTTOM

Exposure Conditions

Band	Band 41	TSL Permittivity	41.3
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.83
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	10.00

Hardware Setup

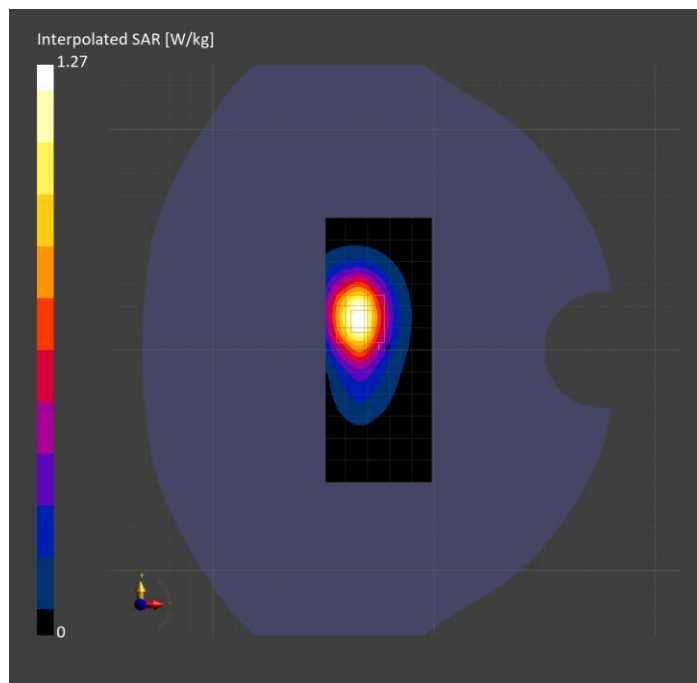
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		83.1
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.27 [-31.6, 13.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.663	0.675
psSAR10g [W/Kg]	0.315	0.329
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band 41	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.87
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

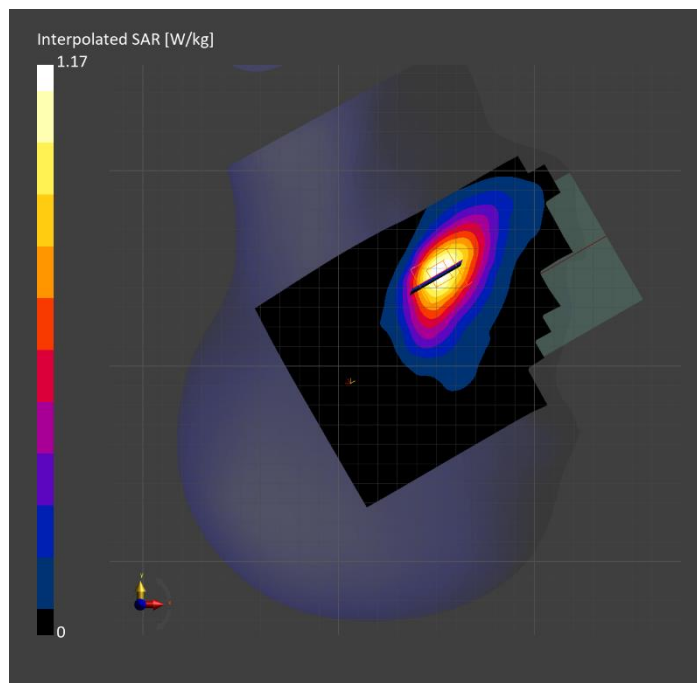
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DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.0
Dist 3dB Peak [mm]		11.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.16 [51.5, -252.0, -174.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.653	0.673
psSAR10g [W/Kg]	0.337	0.366
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 BOTTOM

Exposure Conditions

Band	Band 41	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2583.100 40521	TSL Conductivity [S/m]	1.83
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

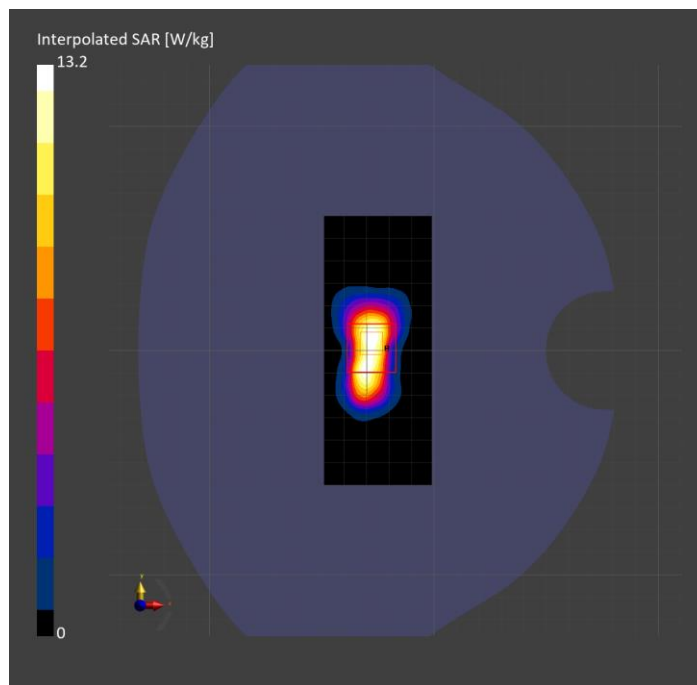
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.4 x 4.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		65.3
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	13.2 [-29.9, -6.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.73	4.32
psSAR10g [W/Kg]	1.68	1.74
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:High AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band 48	TSL Permittivity	40.0
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.80
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

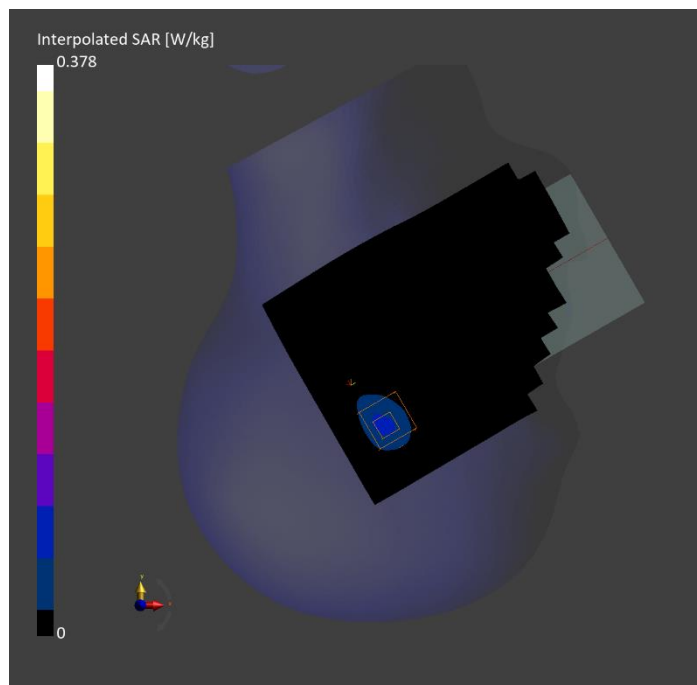
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.8
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.378 [24.2, -332.9, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.052	0.058
psSAR10g [W/Kg]	0.022	0.022
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 48	TSL Permittivity	37.2
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.85
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	10.00

Hardware Setup

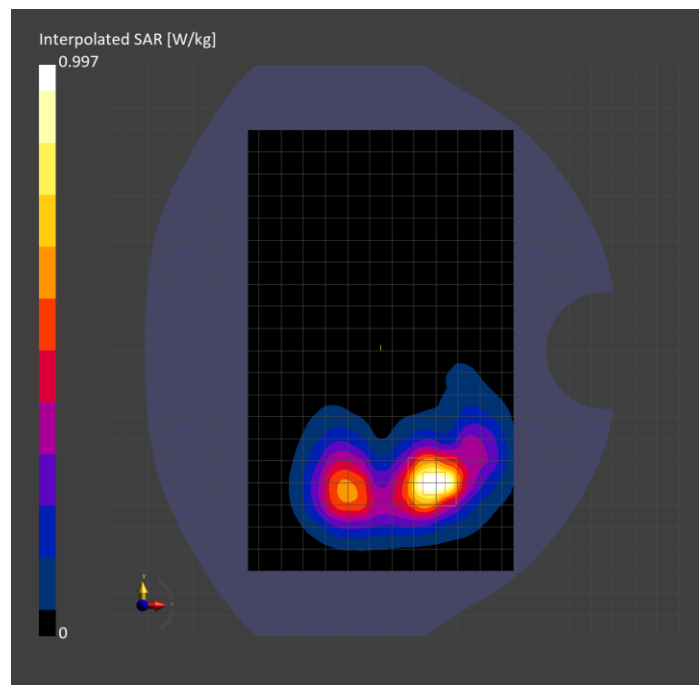
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		79.2
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.997 [2.0, -60.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.428	0.441
psSAR10g [W/Kg]	0.180	0.186
Power Drift [dB]	N/A	-0.16



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

Exposure Conditions

Band	Band 48	TSL Permittivity	37.2
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.85
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	10.00

Hardware Setup

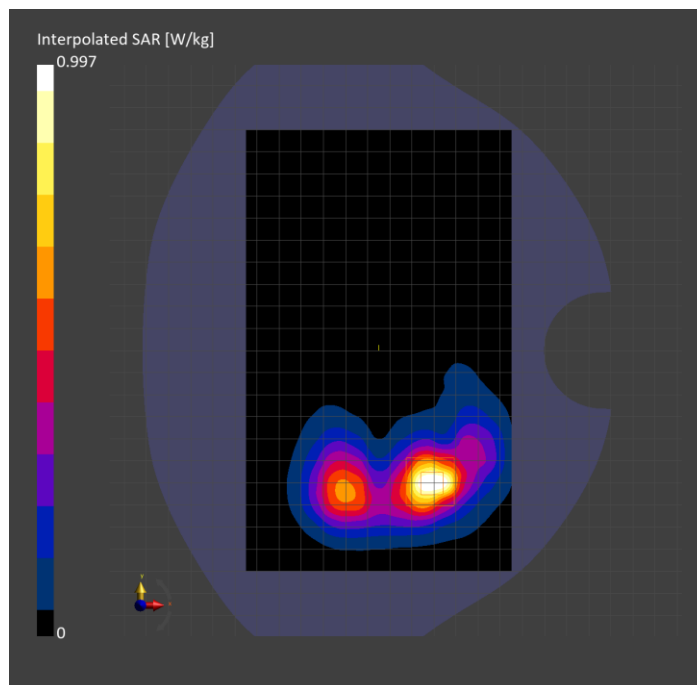
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		79.2
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.997 [2.0, -60.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.428	0.441
psSAR10g [W/Kg]	0.180	0.186
Power Drift [dB]	N/A	-0.16



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

Exposure Conditions

Band	Band 66	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.24
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	10.00

Hardware Setup

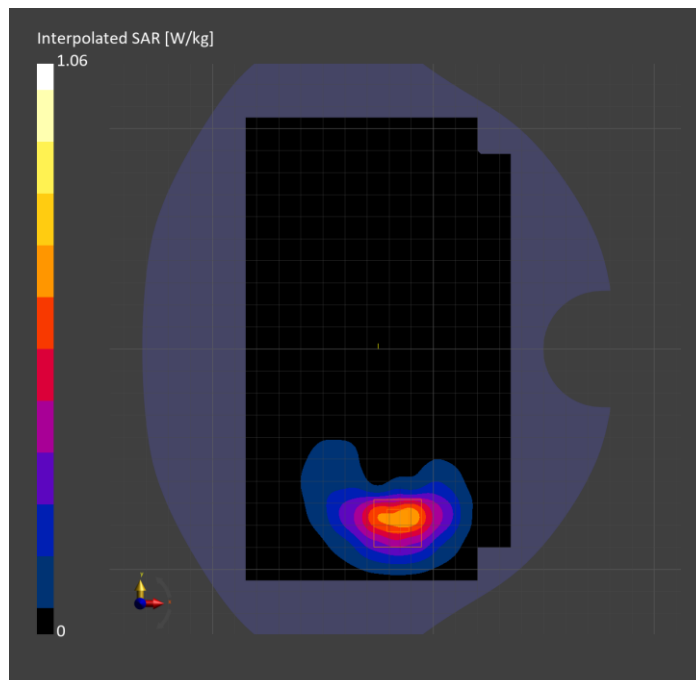
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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]		9.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.06 [-14.9, -76.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.558	0.612
psSAR10g [W/Kg]	0.302	0.336
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 66	TSL Permittivity	42.0
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	10.00

Hardware Setup

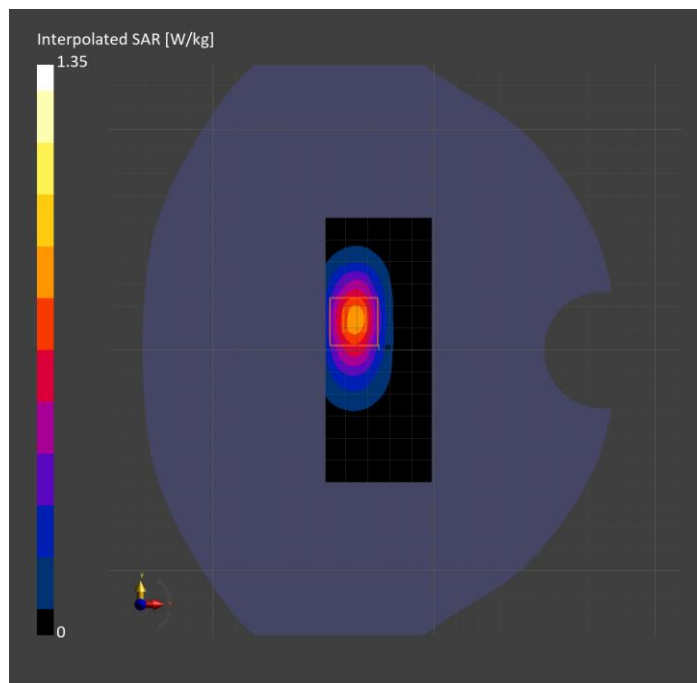
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.4
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.35 [-34.8, 14.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.691	0.730
psSAR10g [W/Kg]	0.360	0.380
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 66	TSL Permittivity	38.9
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

Hardware Setup

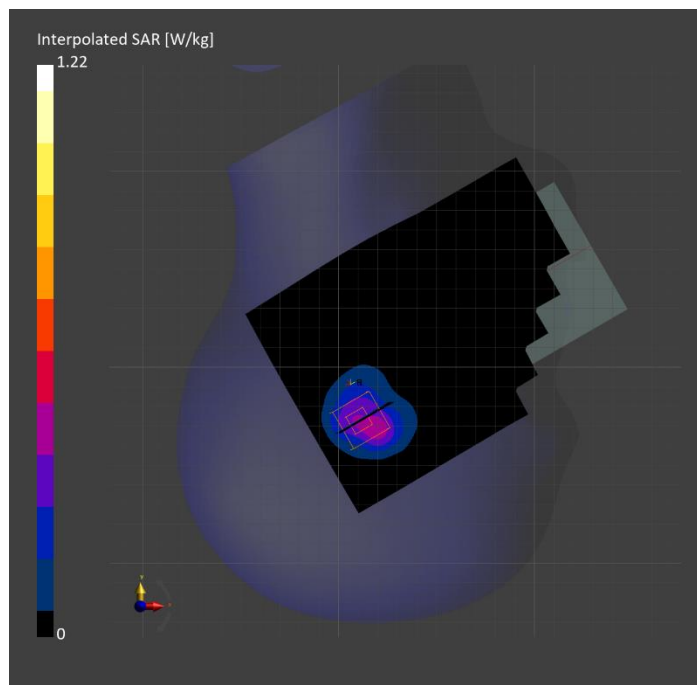
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.7
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [9.7, -326.6, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.380	0.528
psSAR10g [W/Kg]	0.211	0.234
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 71	TSL Permittivity	44.1
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.842
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

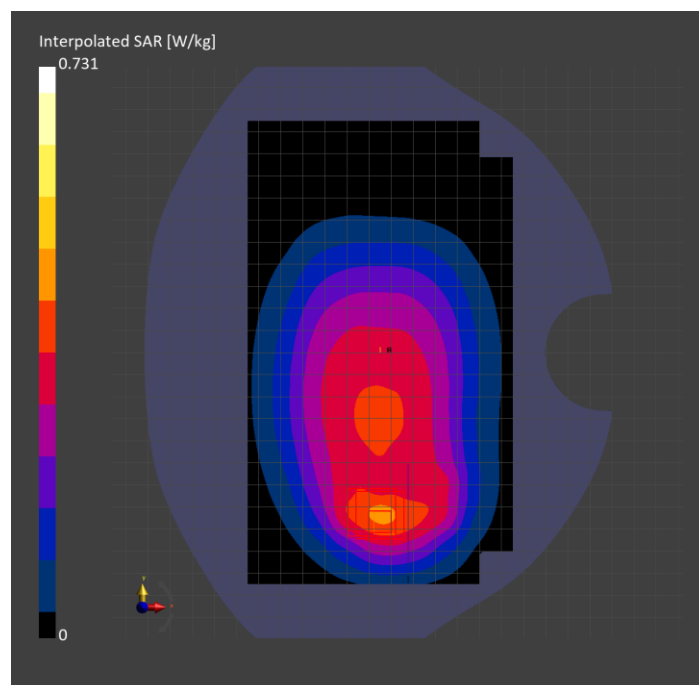
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		79.9	69.4
Dist 3dB Peak [mm]		14.1	13.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.731 [-21.2, -78.1, -207.0]	0.657 [-12.3, -78.1, -208.2]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.385	0.398	0.429
psSAR10g [W/Kg]	0.259	0.243	0.257
Power Drift [dB]	N/A	-0.20	0.33



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.9
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.828
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.37	Test Distance [mm]	10.00

Hardware Setup

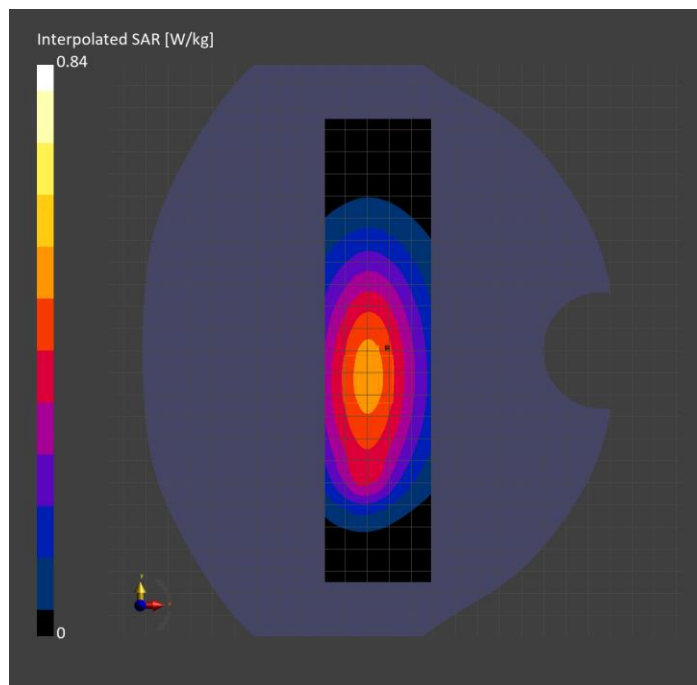
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		79.3
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.840 [-29.2, -17.5, -207.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.464	0.477
psSAR10g [W/Kg]	0.320	0.325
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 71	TSL Permittivity	44.1
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.842
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.87	Test Distance [mm]	0.00

Hardware Setup

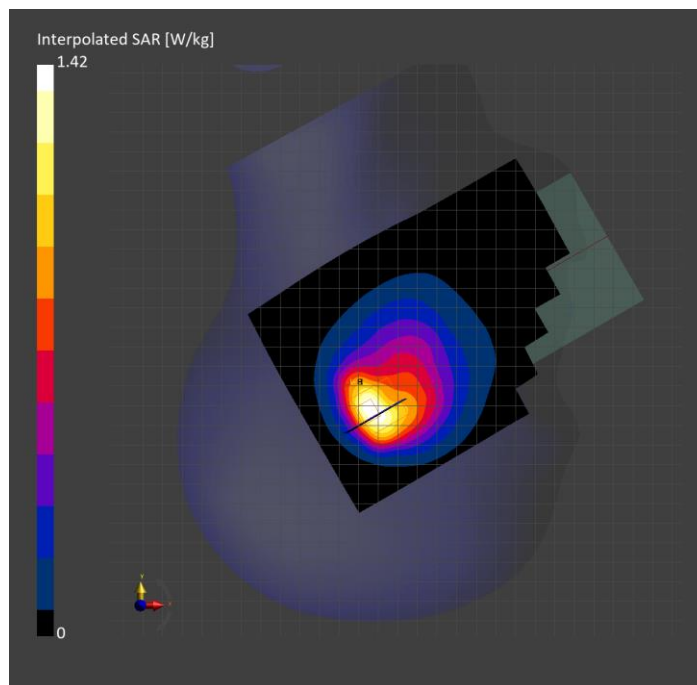
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.1
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.42 [12.8, -327.8, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.643	0.594
psSAR10g [W/Kg]	0.400	0.337
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, BACK**

Exposure Conditions

Band	Band n7	TSL Permittivity	39.9
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	7.19	Test Distance [mm]	10.00

Hardware Setup

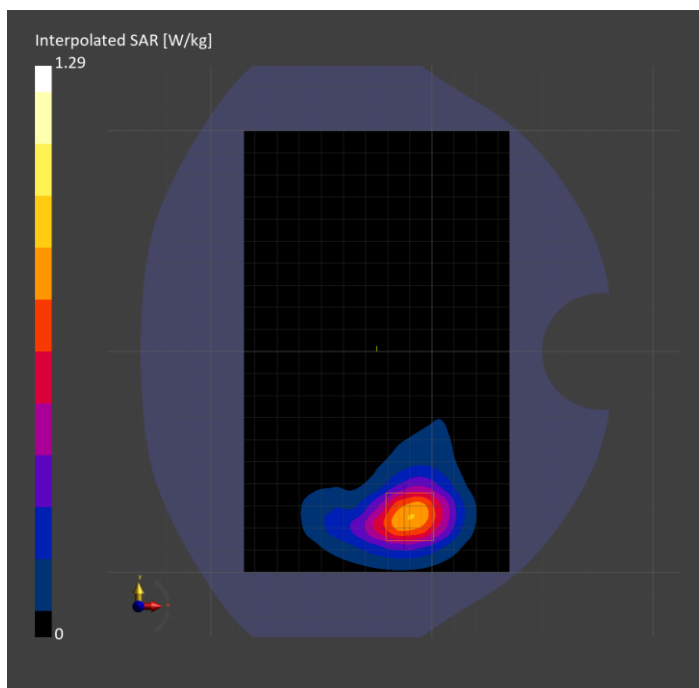
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		83.0
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.29 [-12.5, -75.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.693	0.717
psSAR10g [W/Kg]	0.352	0.376
Power Drift [dB]	N/A	-0.01



**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	39.9
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	7.19	Test Distance [mm]	10.00

Hardware Setup

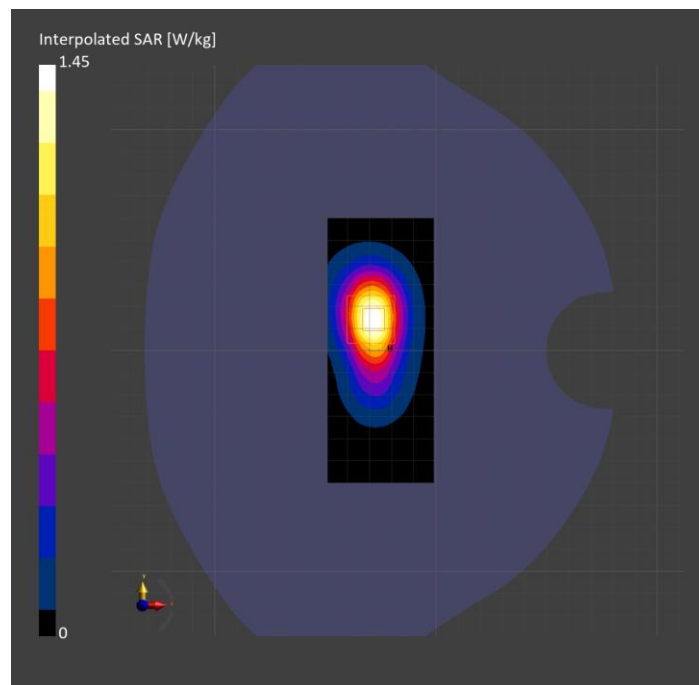
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		81.0
Dist 3dB Peak [mm]		10.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.45 [-28.7, 14.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.759
psSAR10g [W/Kg]	0.352	0.381
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	39.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.83
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

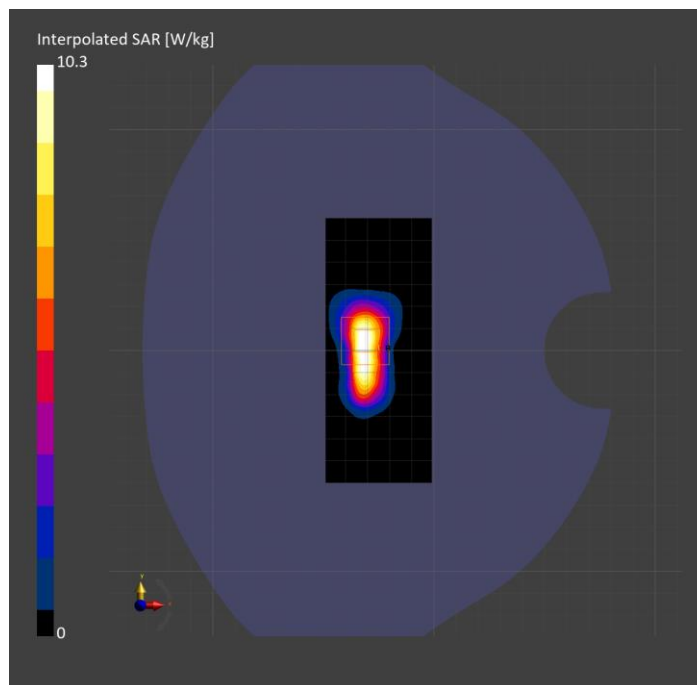
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	10.3 [-31.1, -8.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.94	3.05
psSAR10g [W/Kg]	1.25	1.21
Power Drift [dB]	N/A	-0.02



**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	39.9
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.82
Group UID	5G NR FR1 FDD 10943-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

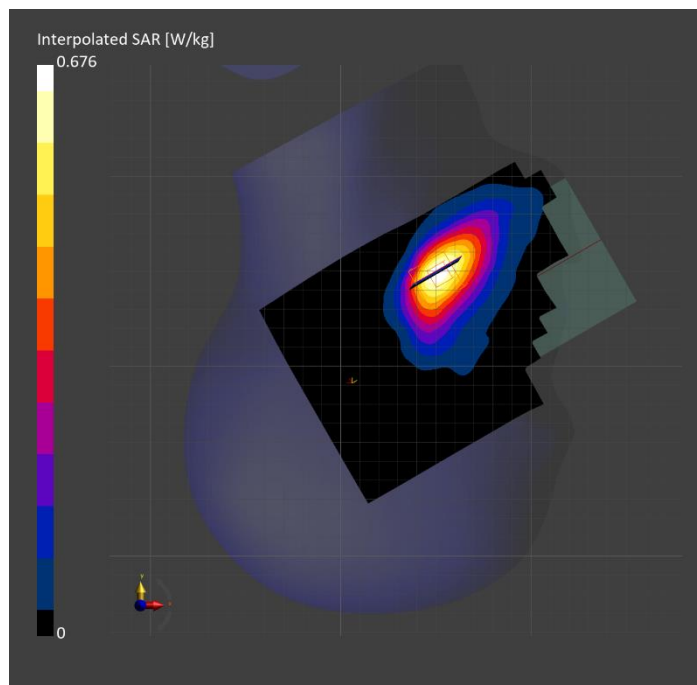
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.7
Dist 3dB Peak [mm]		12.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.676 [53.0, -247.6, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.398	0.404
psSAR10g [W/Kg]	0.207	0.227
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band n12	TSL Permittivity	40.9
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.820
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

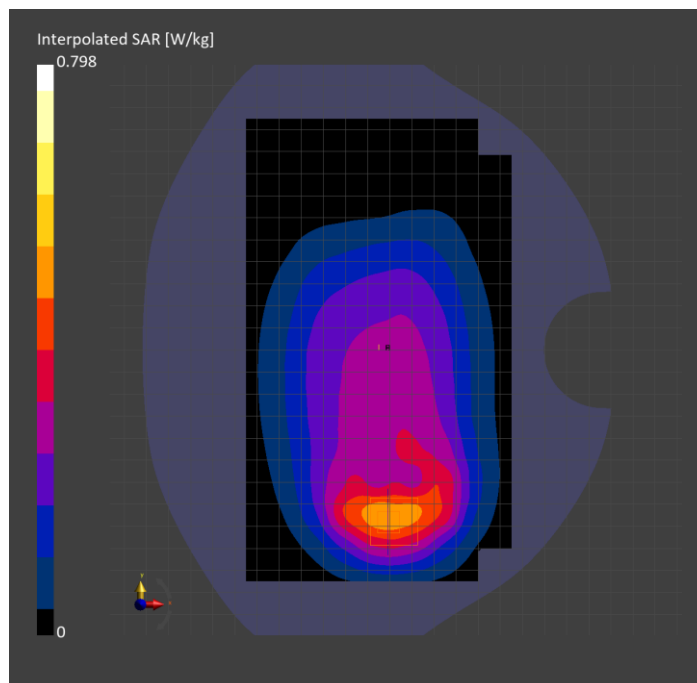
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		82.6
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.798 [-20.9, -77.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.447	0.444
psSAR10g [W/Kg]	0.297	0.261
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n12	TSL Permittivity	40.9
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.820
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

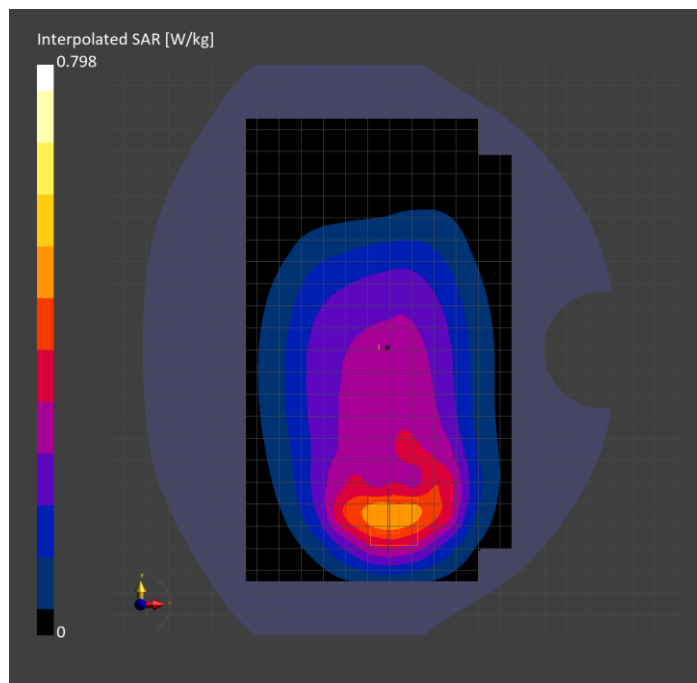
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		82.6
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.798 [-20.9, -77.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.447	0.444
psSAR10g [W/Kg]	0.297	0.261
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n12	TSL Permittivity	39.0
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.818
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.87	Test Distance [mm]	0.00

Hardware Setup

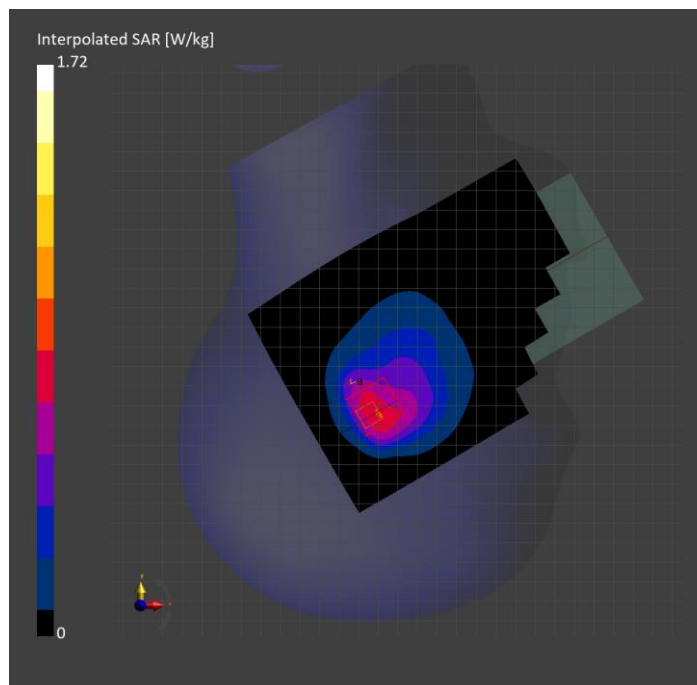
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.4
Dist 3dB Peak [mm]		7.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.72 [14.1, -326.1, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.736	0.678
psSAR10g [W/Kg]	0.473	0.397
Power Drift [dB]	N/A	-0.07



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

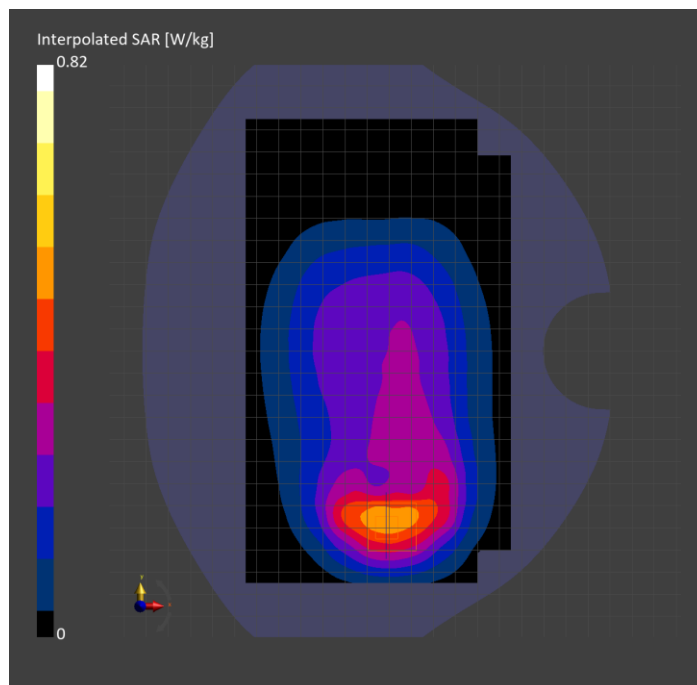
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.7
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.820 [-21.4, -78.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.455	0.464
psSAR10g [W/Kg]	0.300	0.269
Power Drift [dB]	N/A	-0.04



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

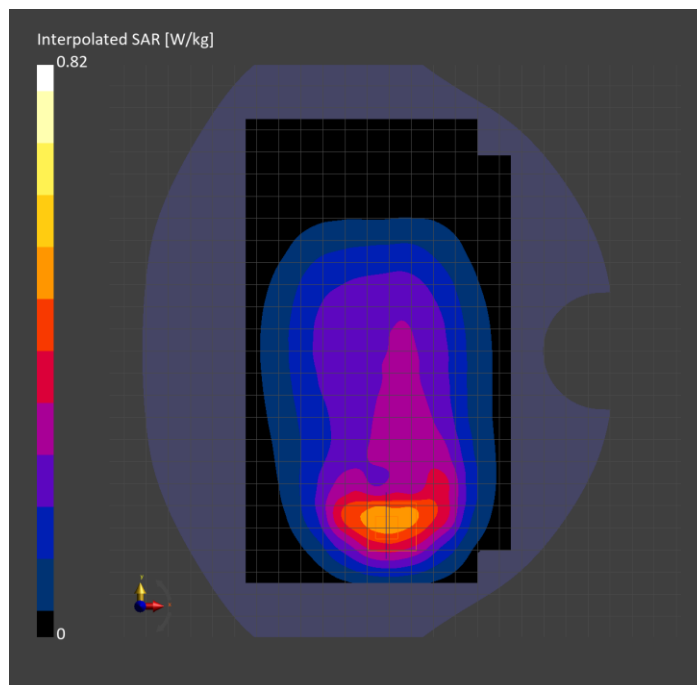
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.7
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.820 [-21.4, -78.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.455	0.464
psSAR10g [W/Kg]	0.300	0.269
Power Drift [dB]	N/A	-0.04



**Band n14: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n14	TSL Permittivity	44.2
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.844
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	9.37	Test Distance [mm]	0.00

Hardware Setup

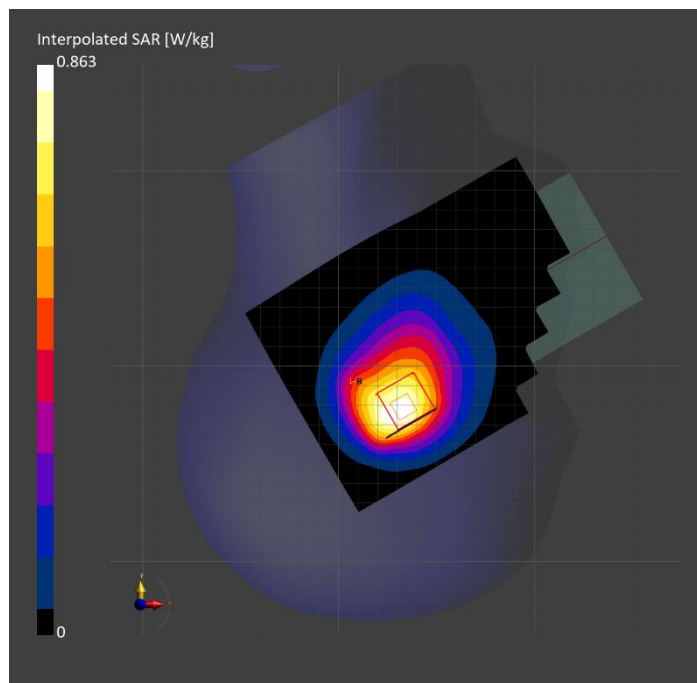
Probe Calibration Date	EX3DV4 - SN7656 2023-05-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		88.3
Dist 3dB Peak [mm]		14.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.863 [34.0, -331.8, -174.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.550	0.545
psSAR10g [W/Kg]	0.367	0.352
Power Drift [dB]	N/A	-0.19



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

Exposure Conditions

Band	Band n25	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.34
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.42	Test Distance [mm]	10.00

Hardware Setup

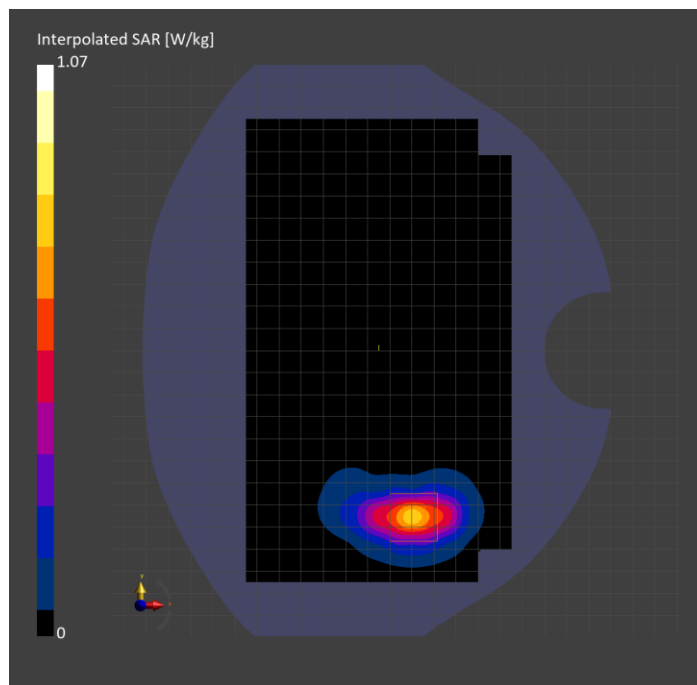
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		86.1
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.07 [-8.4, -74.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.589	0.614
psSAR10g [W/Kg]	0.295	0.321
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band n25	TSL Permittivity	41.0
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.96	Test Distance [mm]	10.00

Hardware Setup

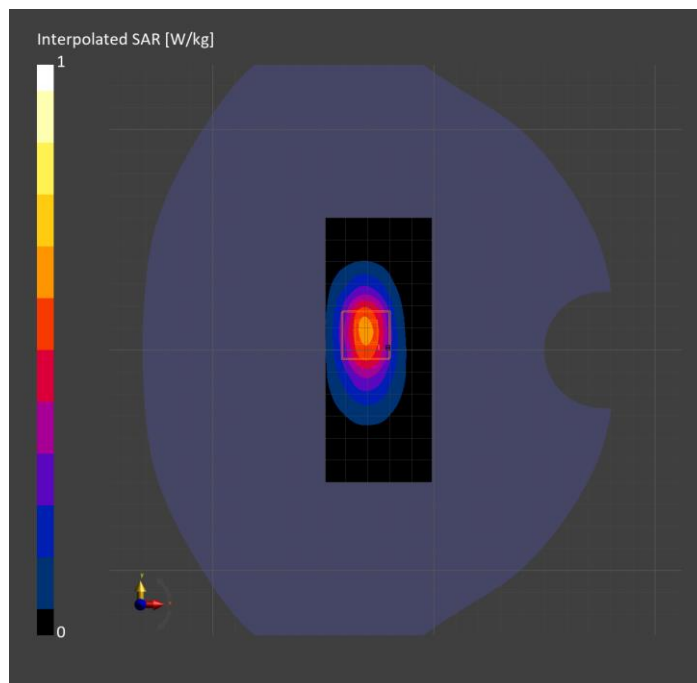
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.6
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.00 [-31.2, 7.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.501	0.537
psSAR10g [W/Kg]	0.260	0.283
Power Drift [dB]	N/A	0.04



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

Exposure Conditions

Band	Band n25	TSL Permittivity	39.2
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.37
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.06	Test Distance [mm]	0.00

Hardware Setup

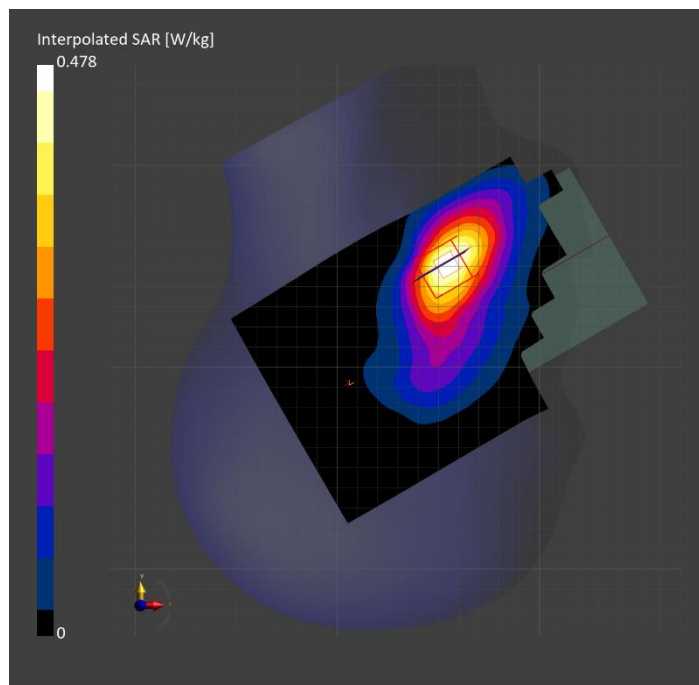
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		90.7
Dist 3dB Peak [mm]		12.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.478 [53.0, -247.6, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.320	0.338
psSAR10g [W/Kg]	0.184	0.214
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n26	TSL Permittivity	38.7
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.826
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

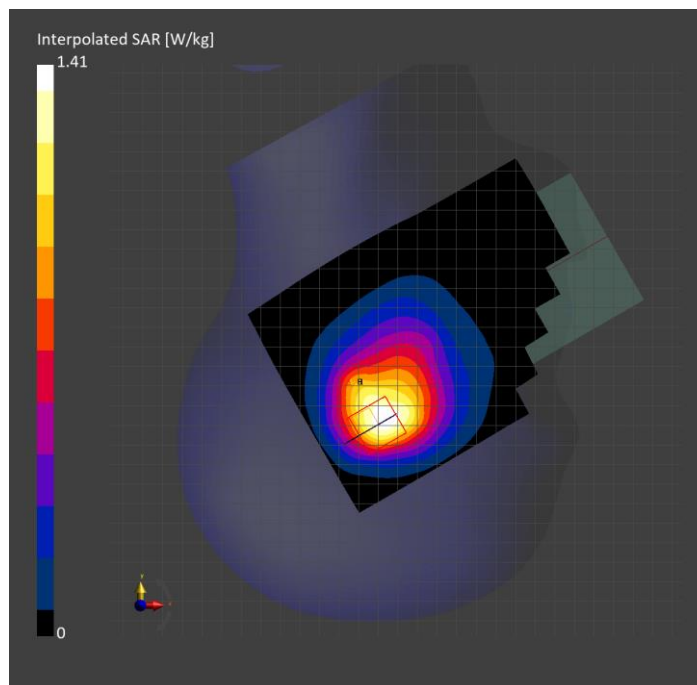
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.8
Dist 3dB Peak [mm]		7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.41 [13.6, -333.8, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.622	0.594
psSAR10g [W/Kg]	0.413	0.342
Power Drift [dB]	N/A	-0.09



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

Exposure Conditions

Band	Band n26	TSL Permittivity	38.7
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.826
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	10.00

Hardware Setup

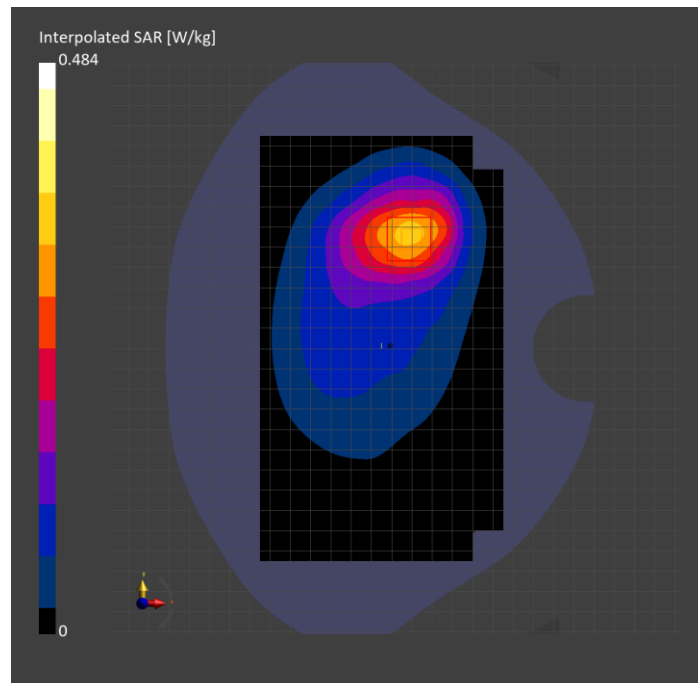
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		85.5
Dist 3dB Peak [mm]		18.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.484 [-6.2, 56.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.298	0.301
psSAR10g [W/Kg]	0.199	0.188
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n26	TSL Permittivity	38.7
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.826
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	10.00

Hardware Setup

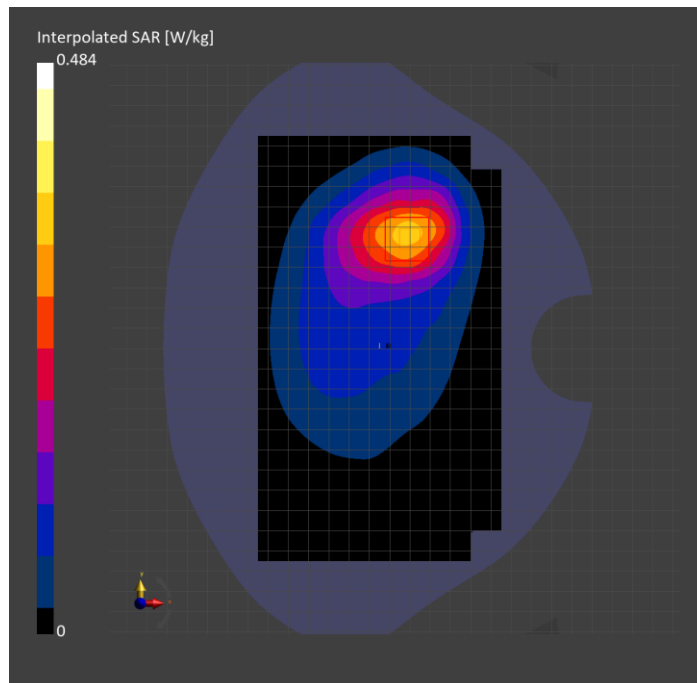
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.5
Dist 3dB Peak [mm]		18.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.484 [-6.2, 56.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.298	0.301
psSAR10g [W/Kg]	0.199	0.188
Power Drift [dB]	N/A	-0.01



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	40.3
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.61
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	10.00

Hardware Setup

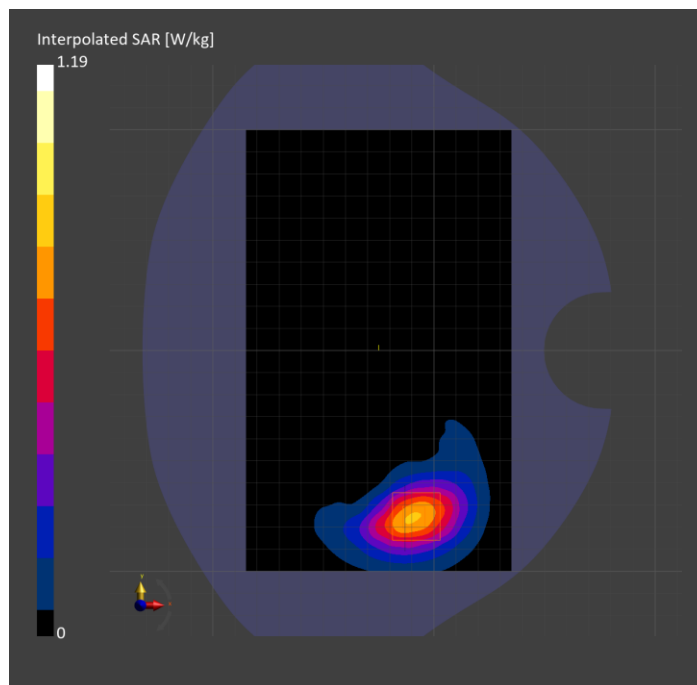
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		84.5
Dist 3dB Peak [mm]		12.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.19 [-13.0, -76.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.654	0.689
psSAR10g [W/Kg]	0.345	0.377
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band n30	TSL Permittivity	41.5
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

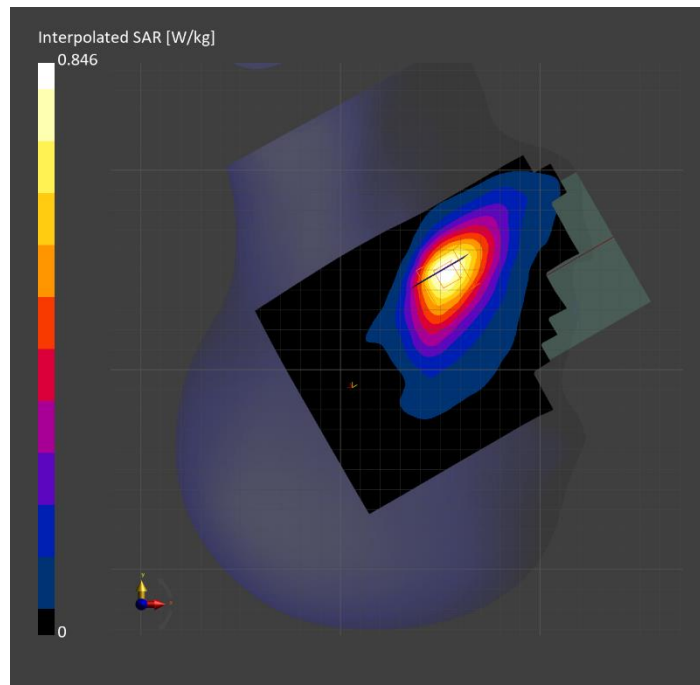
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		86.2
Dist 3dB Peak [mm]		12.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.846 [53.1, -248.1, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.513	0.523
psSAR10g [W/Kg]	0.277	0.303
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 RIGHT**

Exposure Conditions

Band	Band n30	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.65
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.82	Test Distance [mm]	10.00

Hardware Setup

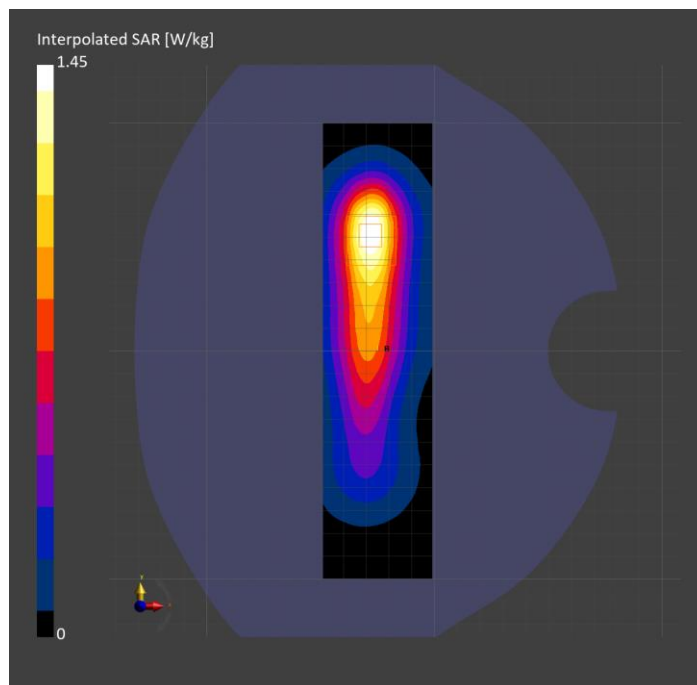
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		79.3
Dist 3dB Peak [mm]		11.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.45 [-28.2, 53.0, -208.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.717	0.732
psSAR10g [W/Kg]	0.376	0.385
Power Drift [dB]	N/A	-0.04



Band n41: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n41	TSL Permittivity	39.7
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.84
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.19	Test Distance [mm]	10.00

Hardware Setup

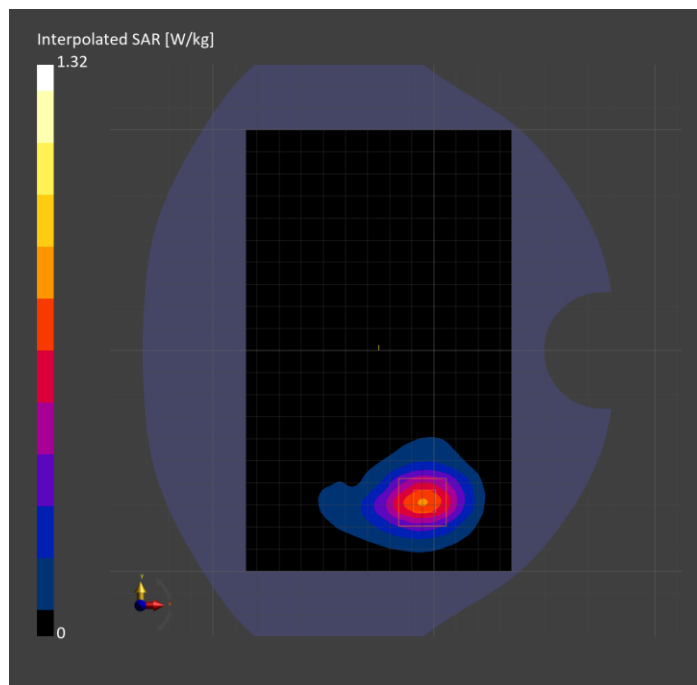
Probe Calibration Date	EX3DV4 - SN7810 2023-04-25	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		81.5
Dist 3dB Peak [mm]		11.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.32 [-5.0, -68.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.606	0.678
psSAR10g [W/Kg]	0.298	0.347
Power Drift [dB]	N/A	0.08



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

Exposure Conditions

Band	Band n41	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.89
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	10.00

Hardware Setup

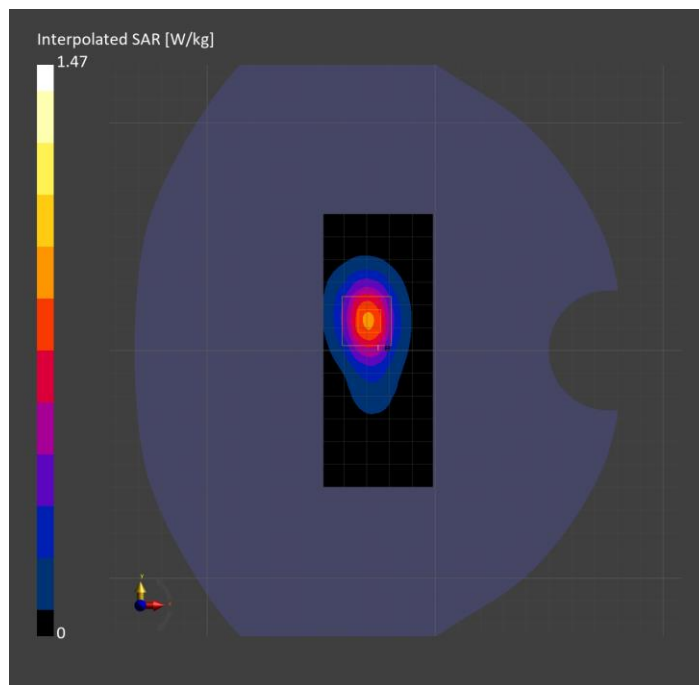
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		78.7
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [-29.5, 13.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.688	0.706
psSAR10g [W/Kg]	0.324	0.334
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band n41	TSL Permittivity	39.8
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.86
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

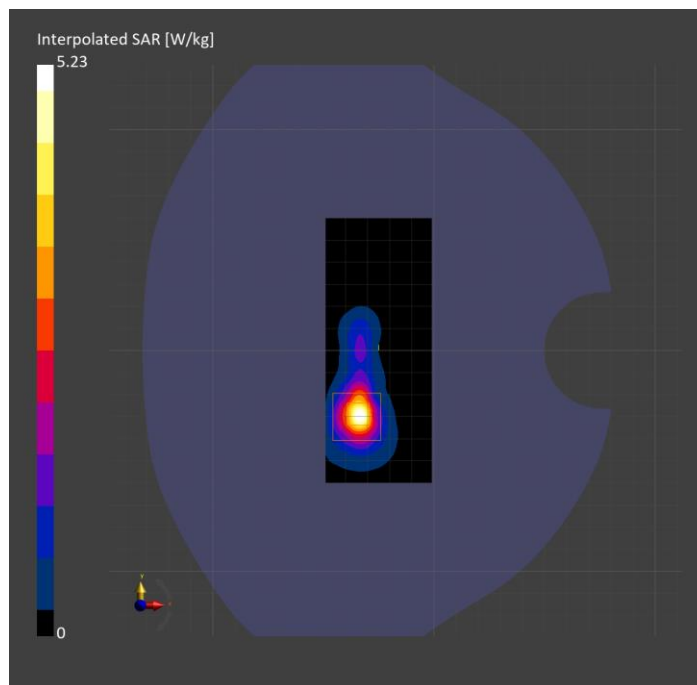
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.5 x 4.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.9
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	5.23 [-34.1, -27.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.65	1.70
psSAR10g [W/Kg]	0.618	0.590
Power Drift [dB]	N/A	0.03



**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	39.9
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

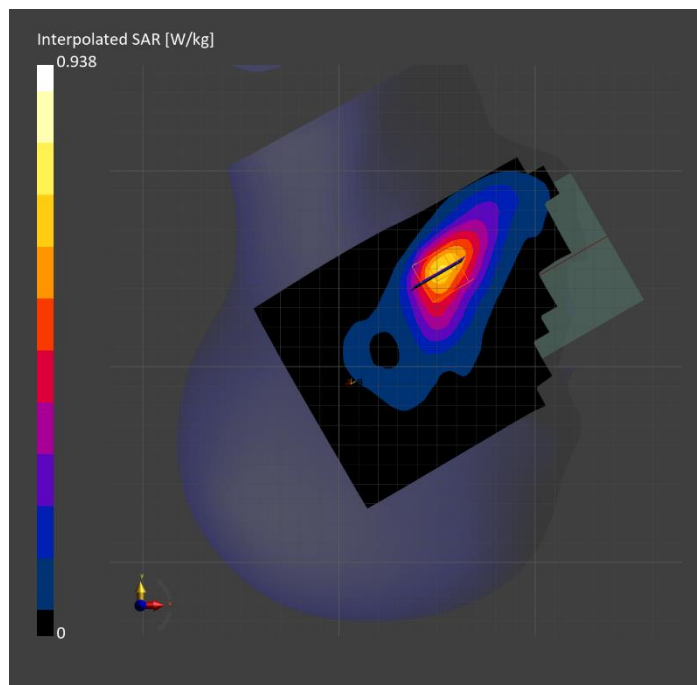
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		87.8
Dist 3dB Peak [mm]		10.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.938 [51.6, -247.0, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.558	0.583
psSAR10g [W/Kg]	0.290	0.328
Power Drift [dB]	N/A	0.03



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	40.1
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.80
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	10.00

Hardware Setup

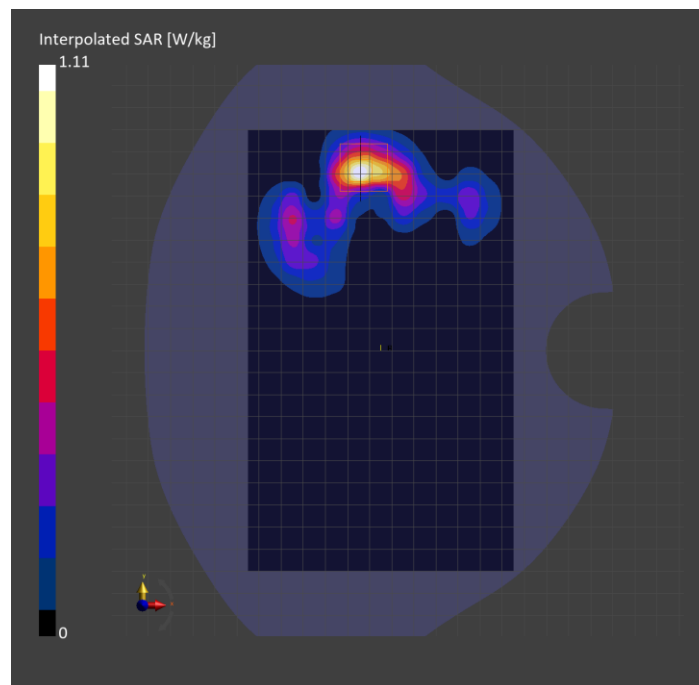
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		79.7
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [-34.0, 81.5, -210.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.457	0.476
psSAR10g [W/Kg]	0.175	0.185
Power Drift [dB]	N/A	-0.05



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	40.1
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.80
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	10.00

Hardware Setup

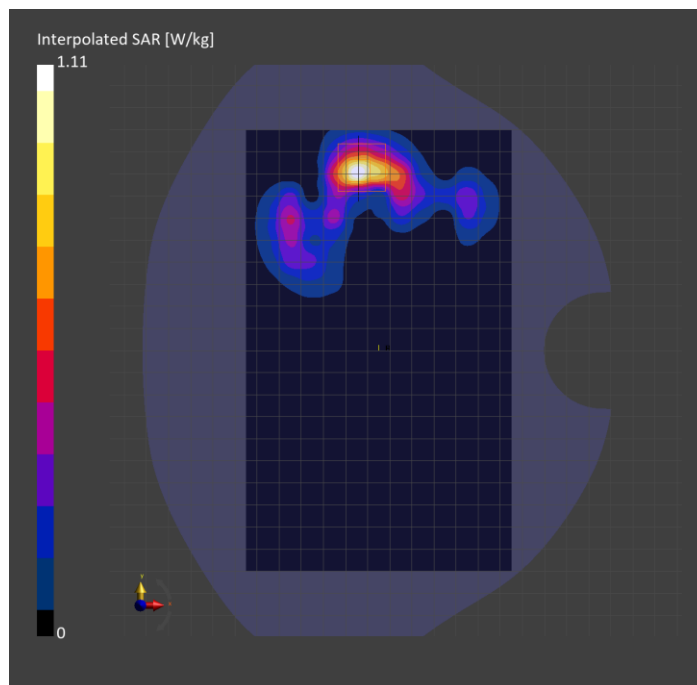
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		79.7
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [-34.0, 81.5, -210.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.457	0.476
psSAR10g [W/Kg]	0.175	0.185
Power Drift [dB]	N/A	-0.05



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	37.2
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.85
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

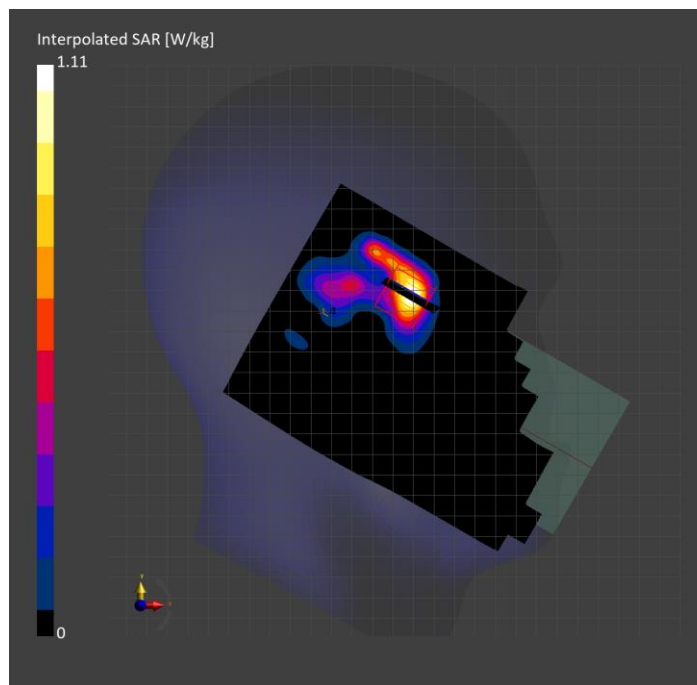
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		69.6
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.11 [50.5, 319.6, -175.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.361	0.383
psSAR10g [W/Kg]	0.142	0.152
Power Drift [dB]	N/A	0.09



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

Exposure Conditions

Band	Band n66	TSL Permittivity	39.5
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.29
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	10.00

Hardware Setup

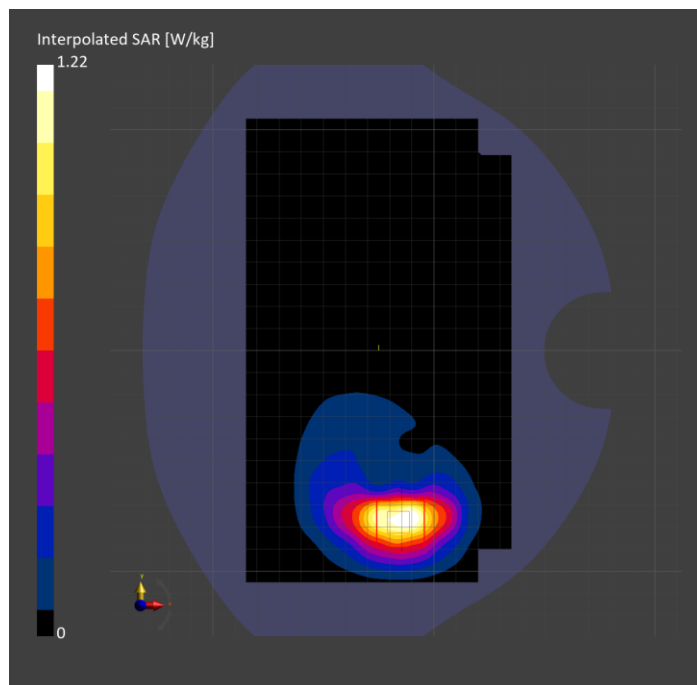
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.0
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [-14.5, -77.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.639	0.697
psSAR10g [W/Kg]	0.346	0.377
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n66	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.23
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	10.00

Hardware Setup

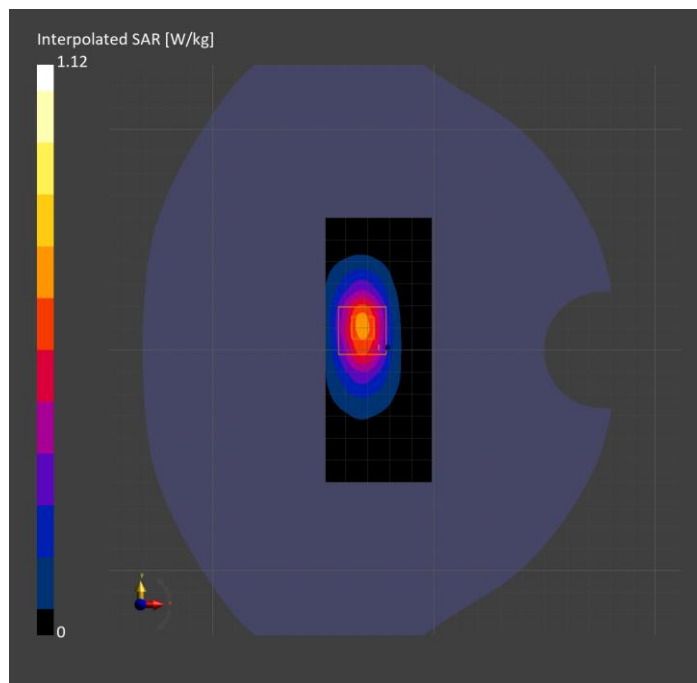
Probe Calibration Date	EX3DV4 - SN7626 2023-05-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		80.9
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.12 [-31.6, 9.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.562	0.607
psSAR10g [W/Kg]	0.293	0.323
Power Drift [dB]	N/A	0.08



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

Exposure Conditions

Band	Band n66	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.24
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.53	Test Distance [mm]	0.00

Hardware Setup

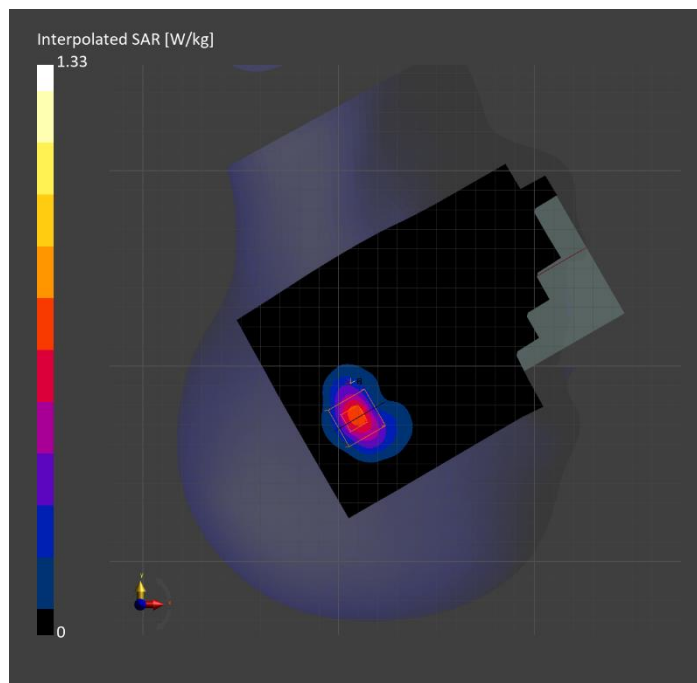
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DAE Calibration Date	DAE4 Sn1548 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.33 [8.9, -326.5, -173.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.574	0.559
psSAR10g [W/Kg]	0.281	0.259
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n70	TSL Permittivity	39.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	10.00

Hardware Setup

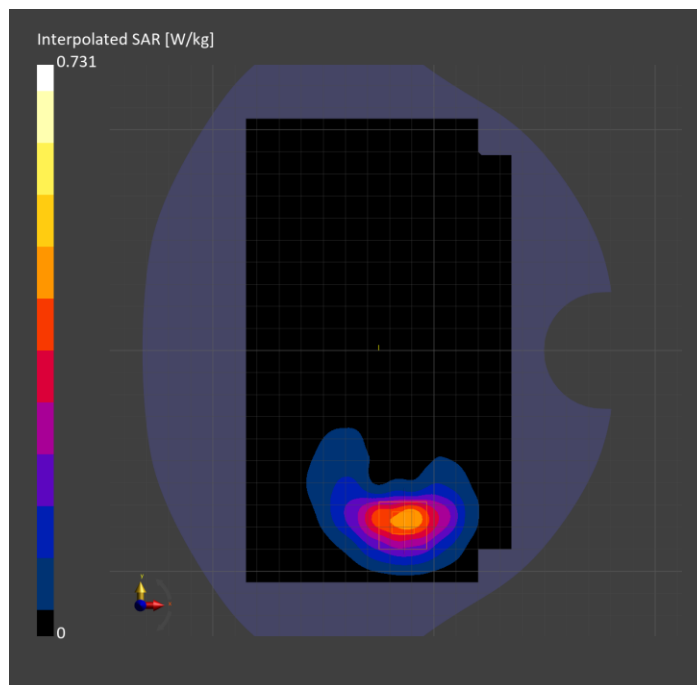
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		85.2
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.731 [-13.4, -76.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.386	0.422
psSAR10g [W/Kg]	0.208	0.227
Power Drift [dB]	N/A	-0.03



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	39.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	10.00

Hardware Setup

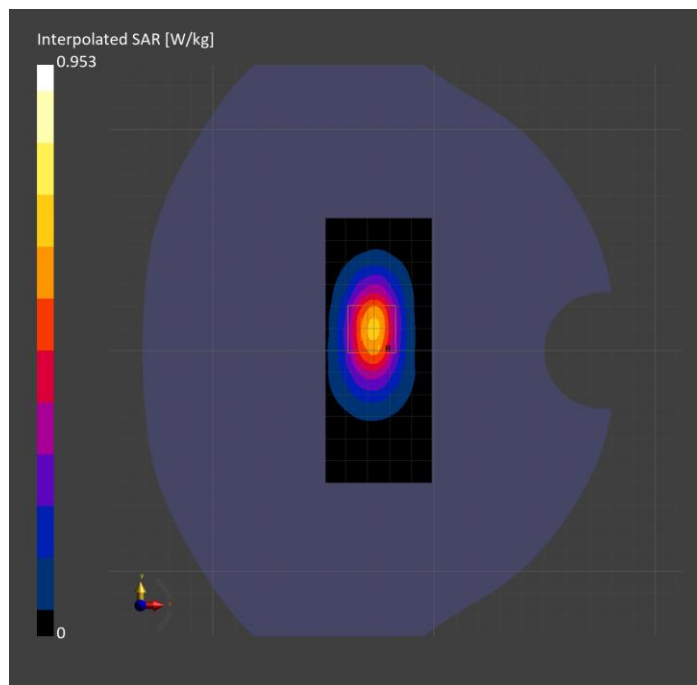
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		84.5
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.953 [-27.3, 9.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.538	0.550
psSAR10g [W/Kg]	0.288	0.297
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n70	TSL Permittivity	39.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

Hardware Setup

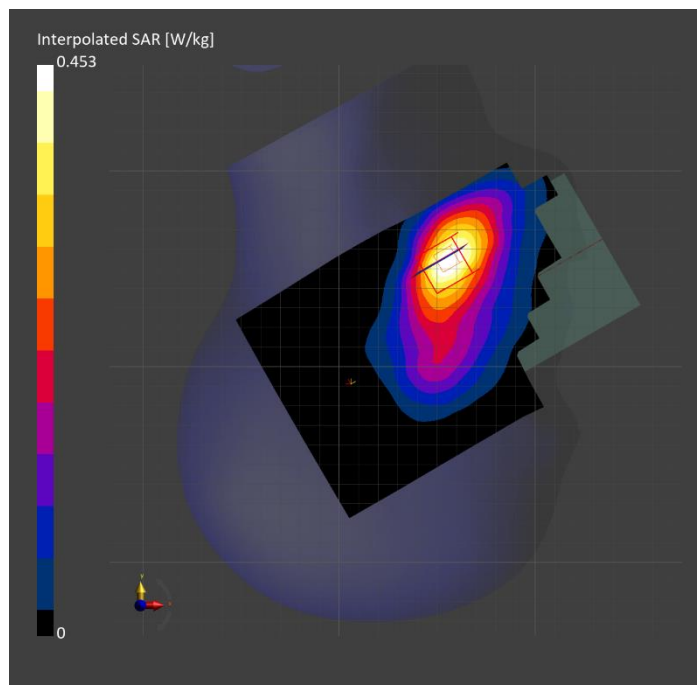
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		92.7
Dist 3dB Peak [mm]		13.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.453 [53.7, -243.6, -173.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.300	0.327
psSAR10g [W/Kg]	0.178	0.213
Power Drift [dB]	N/A	-0.00



Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:High 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 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

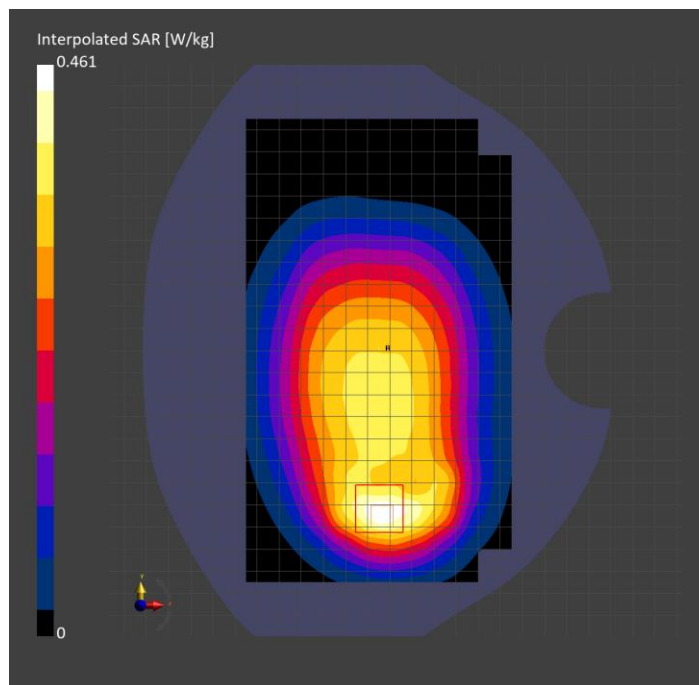
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.3
Dist 3dB Peak [mm]		13.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.461 [-21.2, -76.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.276	0.259
psSAR10g [W/Kg]	0.184	0.159
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band n71	TSL Permittivity	39.1
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.810
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.87	Test Distance [mm]	10.00

Hardware Setup

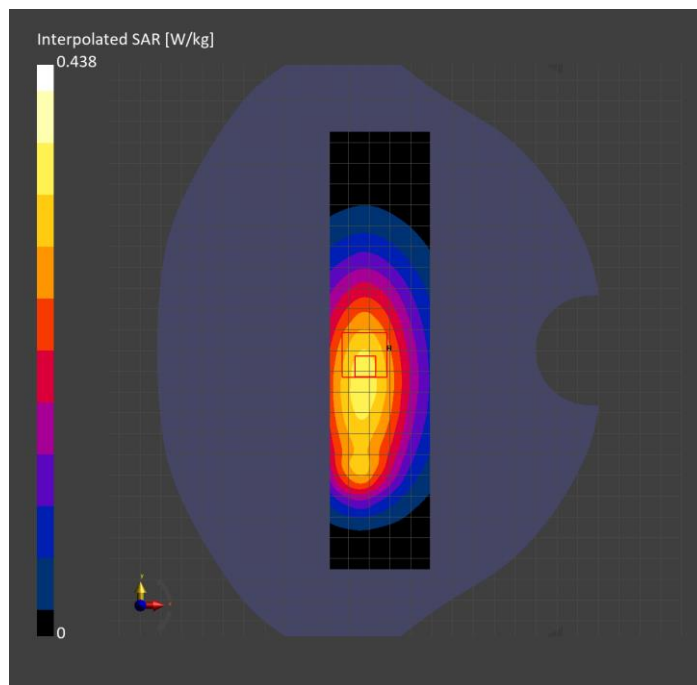
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		89.6
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.438 [-32.0, -13.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.310	0.306
psSAR10g [W/Kg]	0.214	0.207
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n71	TSL Permittivity	44.1
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.842
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.87	Test Distance [mm]	0.00

Hardware Setup

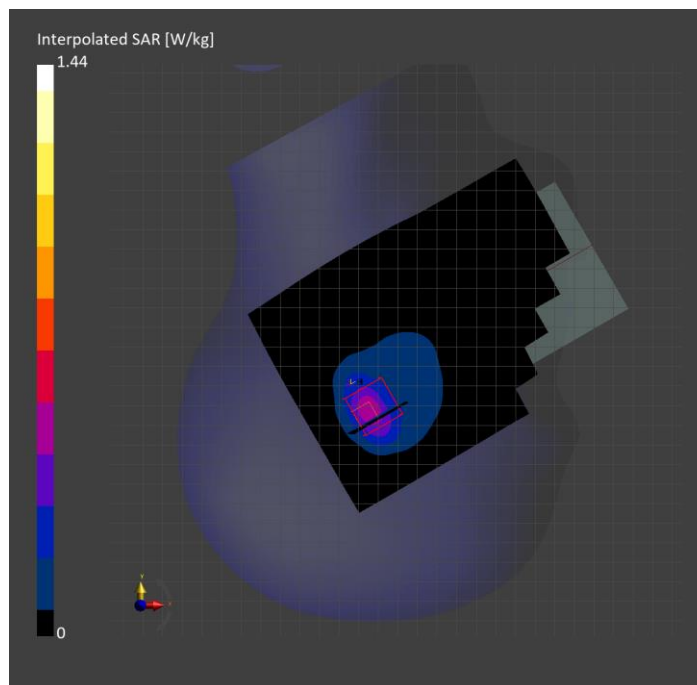
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		5.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.44 [12.8, -328.6, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.473	0.473
psSAR10g [W/Kg]	0.270	0.225
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, TILT

Exposure Conditions

Band	Band n77	TSL Permittivity	39.6
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.75
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

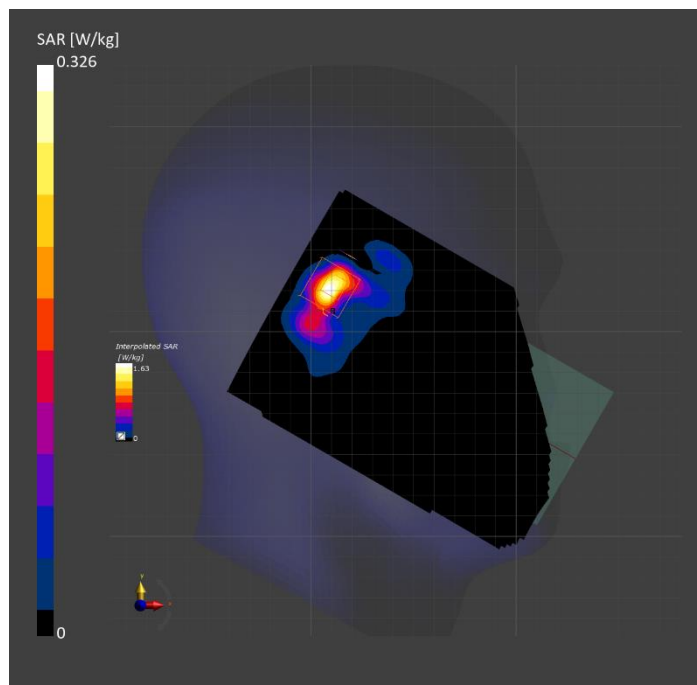
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.1 x 4.1 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.6
Dist 3dB Peak [mm]		4.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.63 [10.7, 321.1, -177.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.257	0.467
psSAR10g [W/Kg]	0.092	0.136
Power Drift [dB]	N/A	0.01



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	36.5
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.87
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	10.00

Hardware Setup

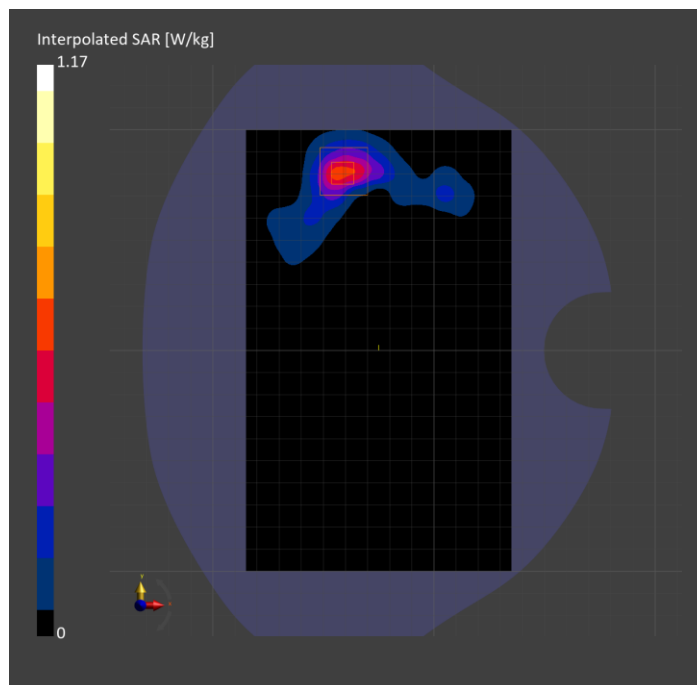
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		76.9
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.30 [-33.0, 76.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.495	0.533
psSAR10g [W/Kg]	0.210	0.217
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, EDGE TOP

Exposure Conditions

Band	Band n77	TSL Permittivity	36.5
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.87
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	10.00

Hardware Setup

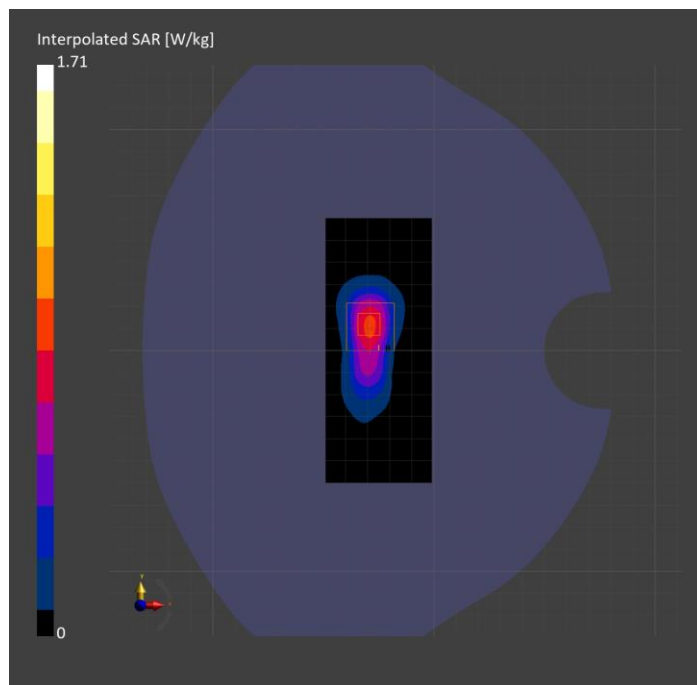
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		75.9
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [-29.0, 11.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.666	0.678
psSAR10g [W/Kg]	0.267	0.266
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, EDGE TOP

Exposure Conditions

Band	Band n77	TSL Permittivity	41.3
Frequency [MHz] Channel Number	3499.995 633333	TSL Conductivity [S/m]	2.77
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

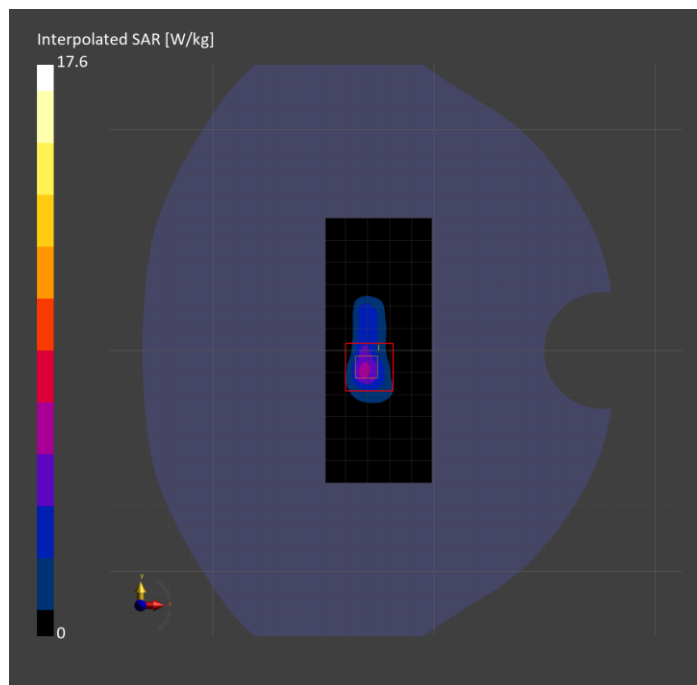
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		3.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	17.6 [-29.8, -1.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.24	4.62
psSAR10g [W/Kg]	1.44	1.41
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, CHEEK**

Exposure Conditions

Band	Band n77	TSL Permittivity	39.4
Frequency [MHz] Channel Number	3633.330 642222	TSL Conductivity [S/m]	2.88
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.89	Test Distance [mm]	0.00

Hardware Setup

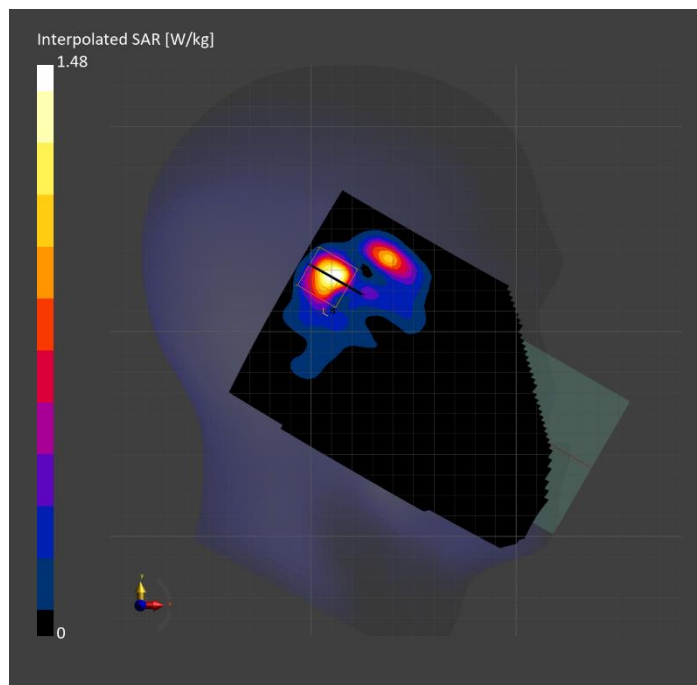
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.7
Dist 3dB Peak [mm]		5.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.48 [8.8, 326.2, -177.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.262	0.487
psSAR10g [W/Kg]	0.092	0.136
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, BACK**

Exposure Conditions

Band	Band n77	TSL Permittivity	36.4
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

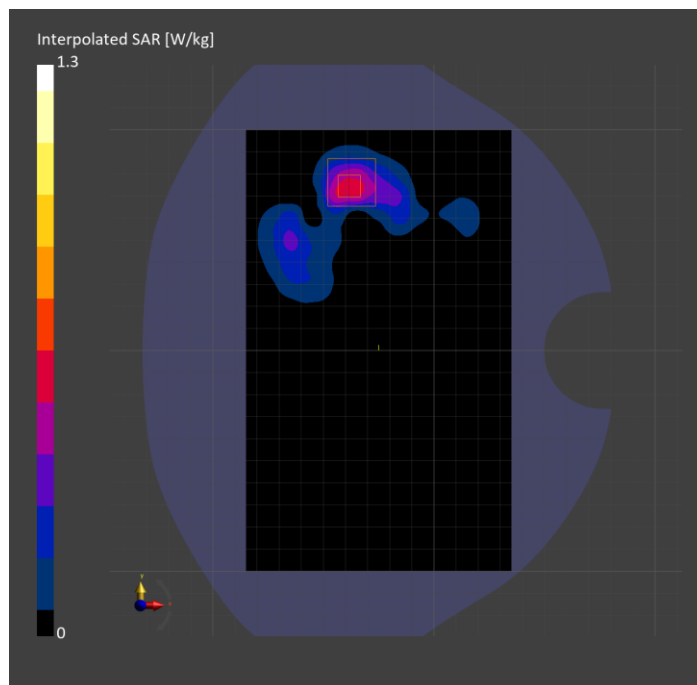
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.5
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.30 [-38.5, 74.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.467	0.504
psSAR10g [W/Kg]	0.191	0.189
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Band n77	TSL Permittivity	40.1
Frequency [MHz] Channel Number	3633.330 642222	TSL Conductivity [S/m]	2.79
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	10.00

Hardware Setup

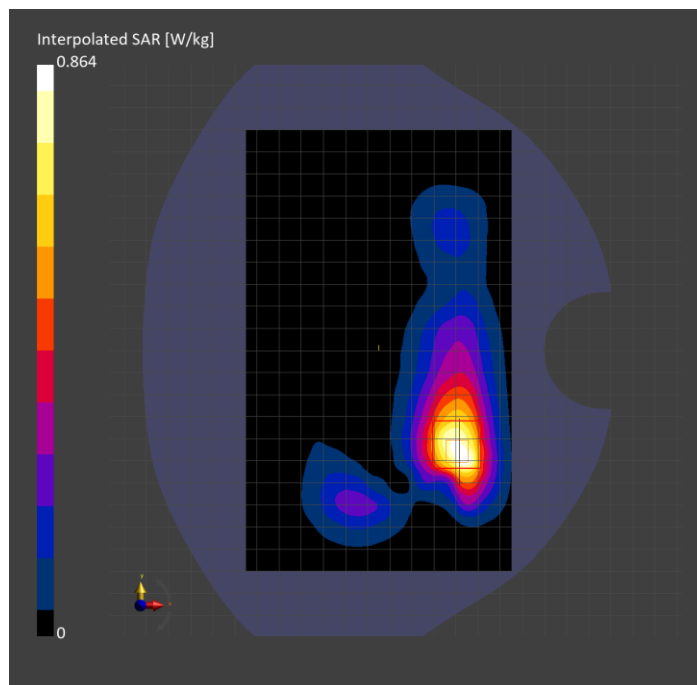
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		79.5
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.864 [11.5, -47.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.371	0.391
psSAR10g [W/Kg]	0.170	0.174
Power Drift [dB]	N/A	-0.06



**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	39.6
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.07
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.06	Test Distance [mm]	0.00

Hardware Setup

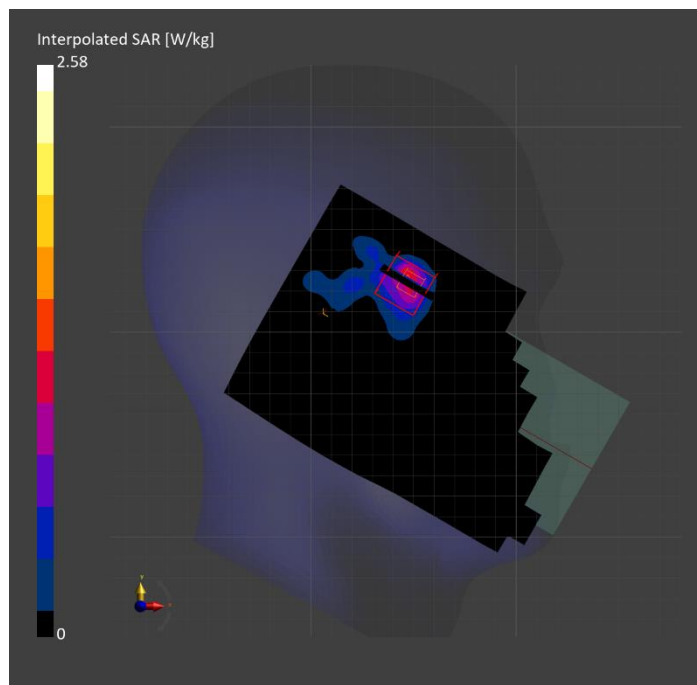
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.1
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.58 [50.3, 325.8, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.881	0.835
psSAR10g [W/Kg]	0.345	0.326
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, BACK**

Exposure Conditions

Band	Band n77	TSL Permittivity	39.7
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	2.98
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.79	Test Distance [mm]	10.00

Hardware Setup

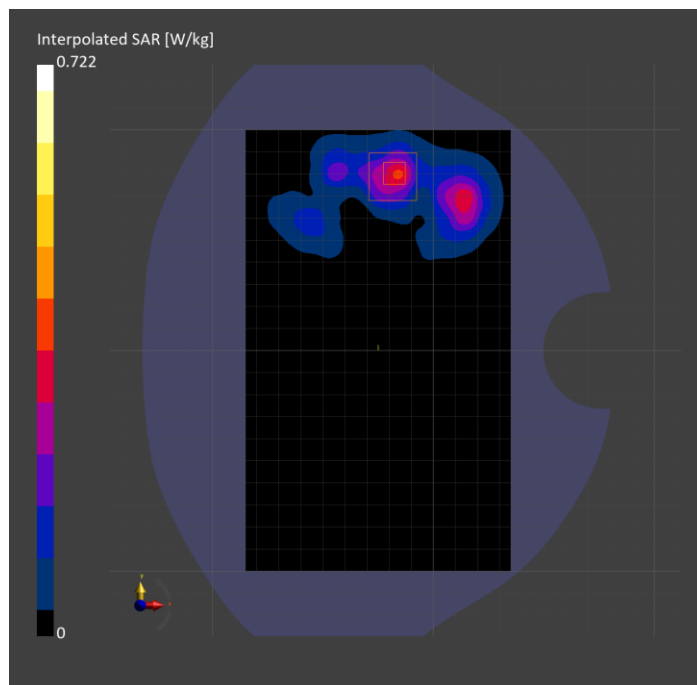
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		73.3
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.722 [-17.0, 80.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.262	0.267
psSAR10g [W/Kg]	0.103	0.102
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, FRONT**

Exposure Conditions

Band	Band n77	TSL Permittivity	39.7
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	2.99
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.66	Test Distance [mm]	10.00

Hardware Setup

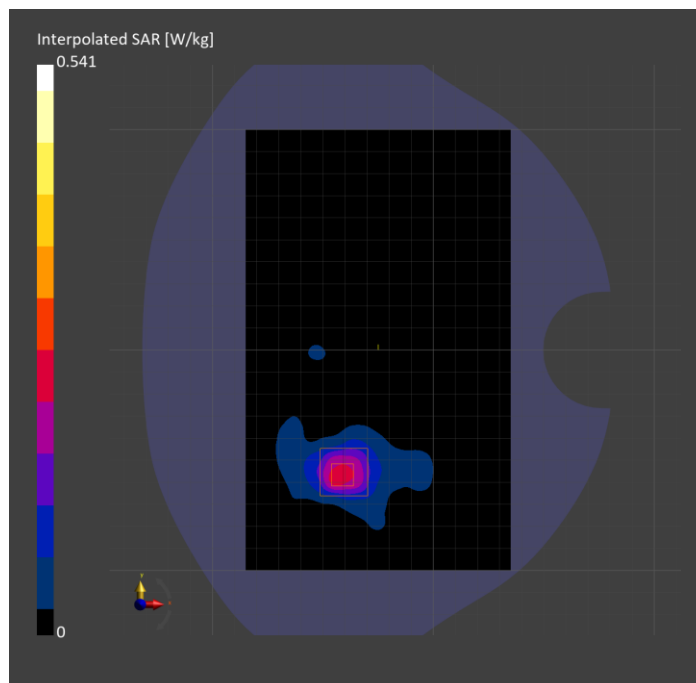
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.9
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.541 [-41.0, -57.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.191	0.215
psSAR10g [W/Kg]	0.077	0.082
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1626.600 1626600	TSL Conductivity [S/m]	1.20
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.51	Test Distance [mm]	10.00

Hardware Setup

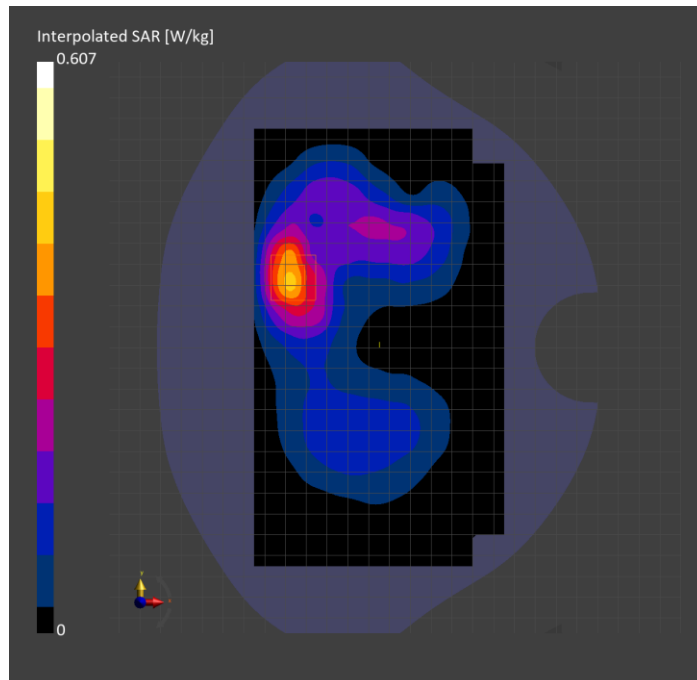
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		88.5
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.607 [-64.9, 35.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.344	0.391
psSAR10g [W/Kg]	0.195	0.217
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1626.600 1626600	TSL Conductivity [S/m]	1.20
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.51	Test Distance [mm]	0.00

Hardware Setup

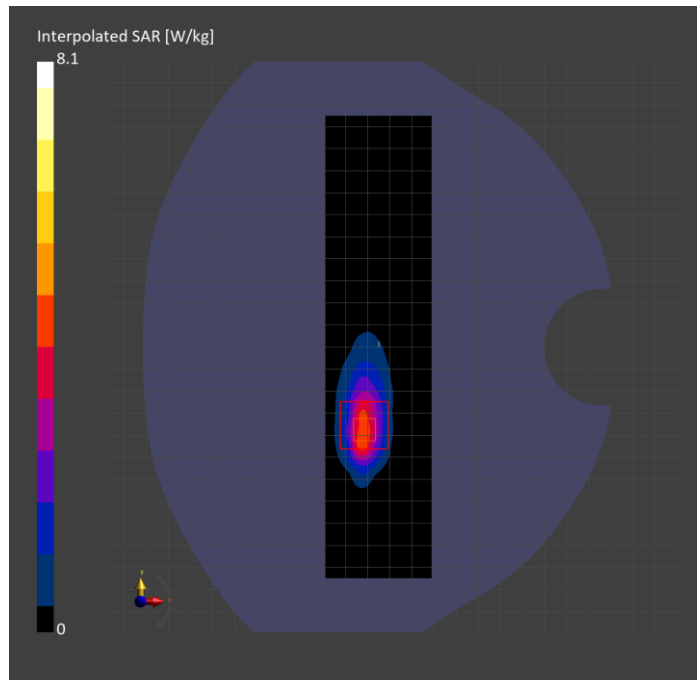
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.7
Dist 3dB Peak [mm]		5.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	8.10 [-31.4, -42.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.55	3.39
psSAR10g [W/Kg]	1.64	1.50
Power Drift [dB]	N/A	-0.15



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2000.100 2000100	TSL Conductivity [S/m]	1.38
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	10.00

Hardware Setup

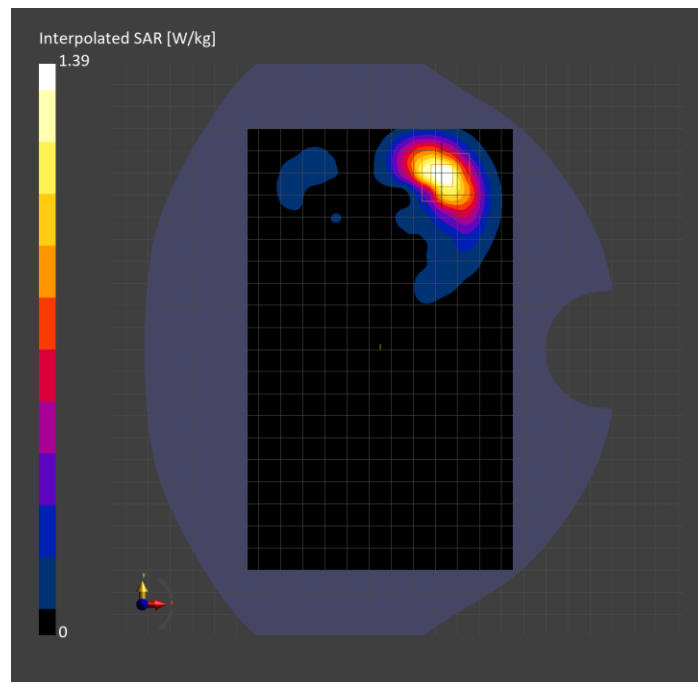
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		85.0
Dist 3dB Peak [mm]		8.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.39 [3.0, 79.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.788	0.777
psSAR10g [W/Kg]	0.389	0.393
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2000.100 2000100	TSL Conductivity [S/m]	1.38
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

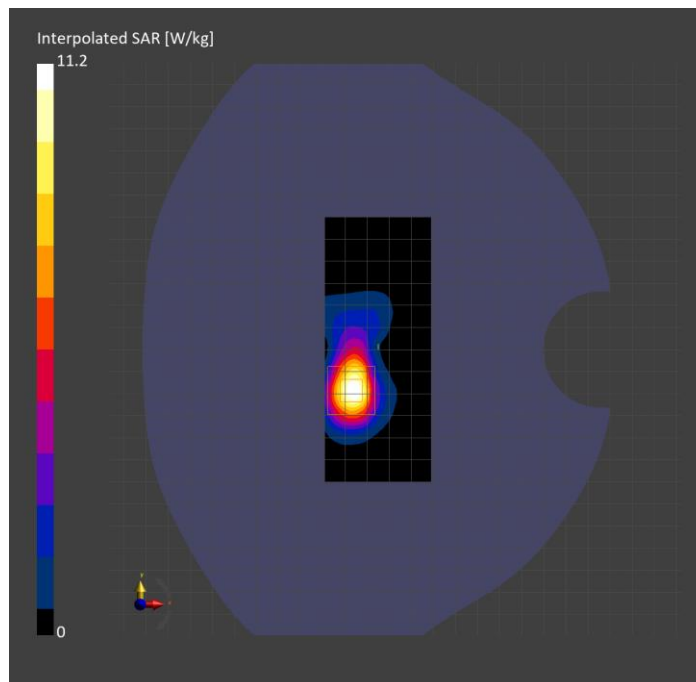
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		76.7
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	11.2 [-36.7, -18.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.30	4.54
psSAR10g [W/Kg]	1.98	1.84
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.81
Group UID	WLAN 10415-AAA	Phantom Section TSL	RightHead HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

Hardware Setup

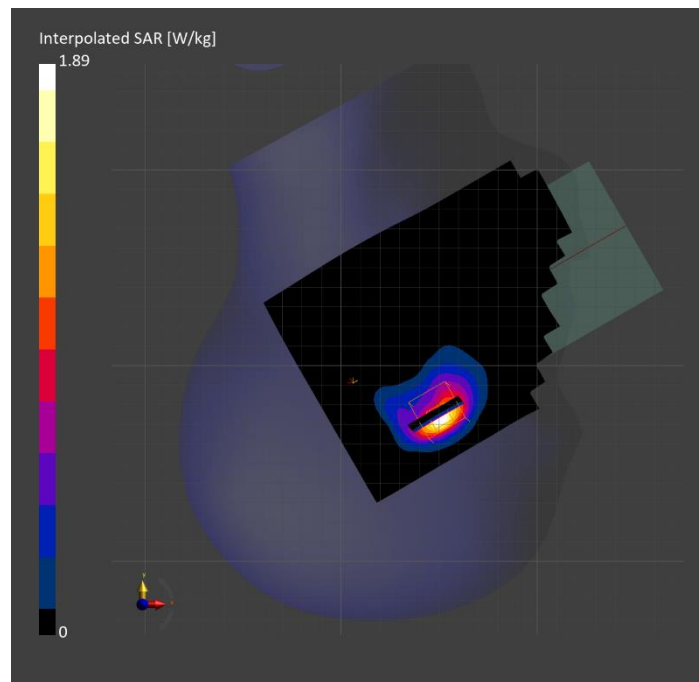
Probe Calibration Date	EX3DV4 - SN7807 2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.8
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.88 [51.1, -326.7, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.712	0.698
psSAR10g [W/Kg]	0.301	0.287
Power Drift [dB]	N/A	-0.11



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	39.6
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.79
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	10.00

Hardware Setup

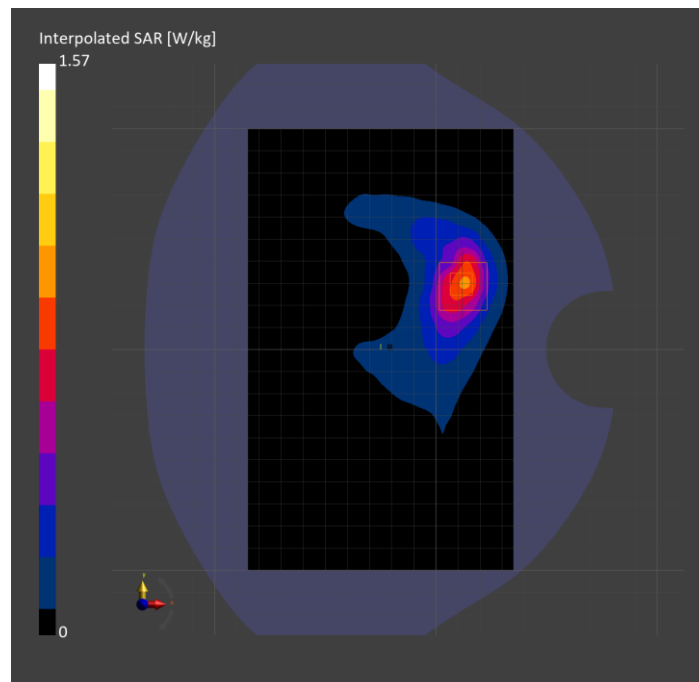
Probe Calibration Date	EX3DV4 - SN7807 2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.6
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.57 [12.0, 33.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.767
psSAR10g [W/Kg]	0.359	0.370
Power Drift [dB]	N/A	-0.02



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	39.6
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.79
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	10.00

Hardware Setup

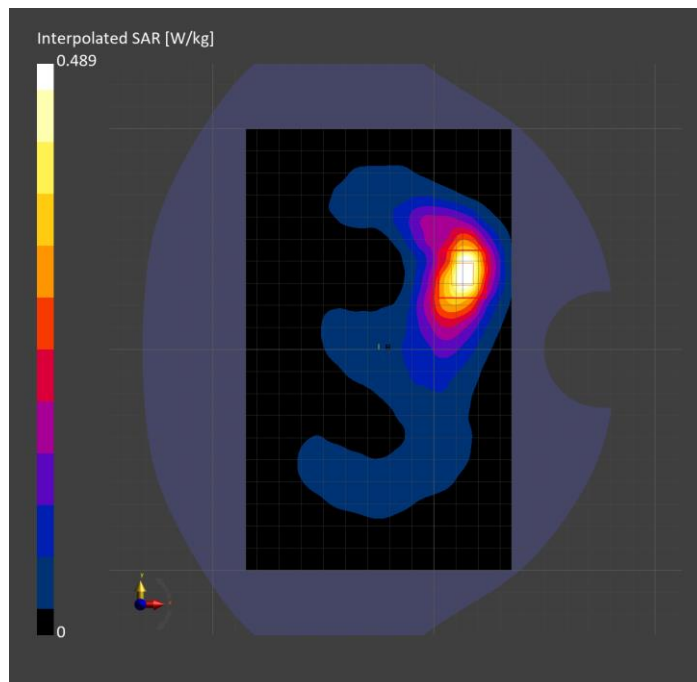
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		76.1
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.489 [13.0, 34.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.211	0.222
psSAR10g [W/Kg]	0.102	0.106
Power Drift [dB]	N/A	-0.10



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	36.2
Frequency [MHz] Channel Number	5230.000 46	TSL Conductivity [S/m]	4.51
Group UID	WLAN 10114-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.79	Test Distance [mm]	10.00

Hardware Setup

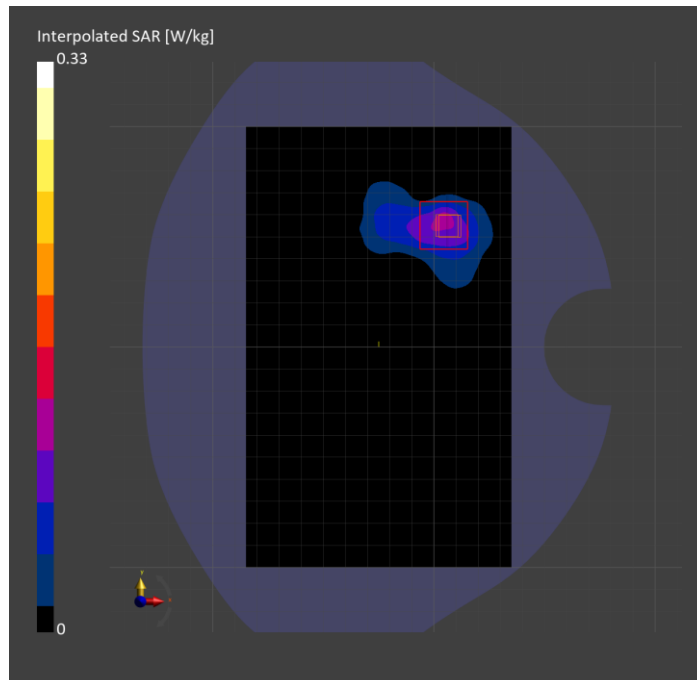
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 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 [%]		65.5	65.5
Dist 3dB Peak [mm]		8.3	7.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.330 [5.9, 56.2, -207.0]	0.309 [6.4, 56.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.089	0.090	0.082
psSAR10g [W/Kg]	0.035	0.033	0.029
Power Drift [dB]	N/A	-0.54	0.39



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

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	36.1
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.56
Group UID	WLAN 10114-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	5.79	Test Distance [mm]	0.00

Hardware Setup

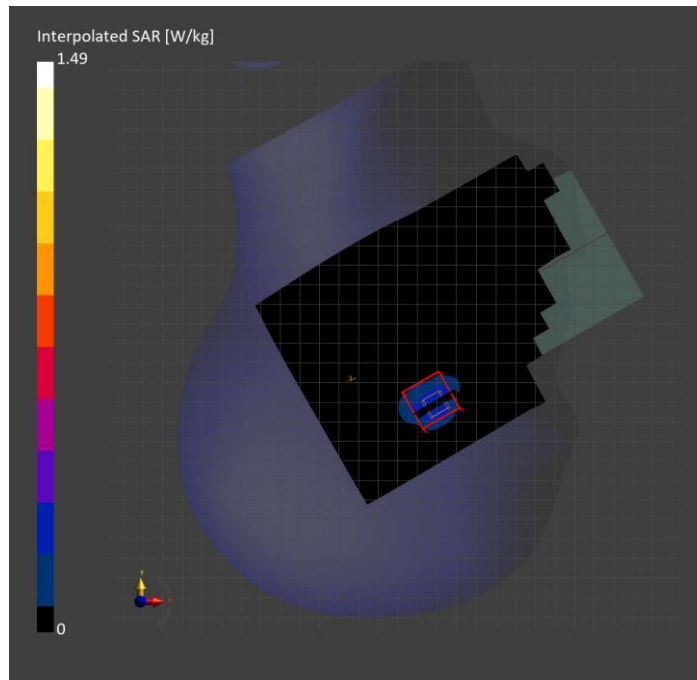
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 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 [%]		57.2	59.3
Dist 3dB Peak [mm]		5.2	4.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.50 [51.4, -322.1, -174.8]	1.45 [50.9, -323.2, -174.7]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.266	0.337	0.333
psSAR10g [W/Kg]	0.095	0.101	0.102
Power Drift [dB]	N/A	0.69	0.60



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	36.1
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.56
Group UID	WLAN 10114-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.79	Test Distance [mm]	10.00

Hardware Setup

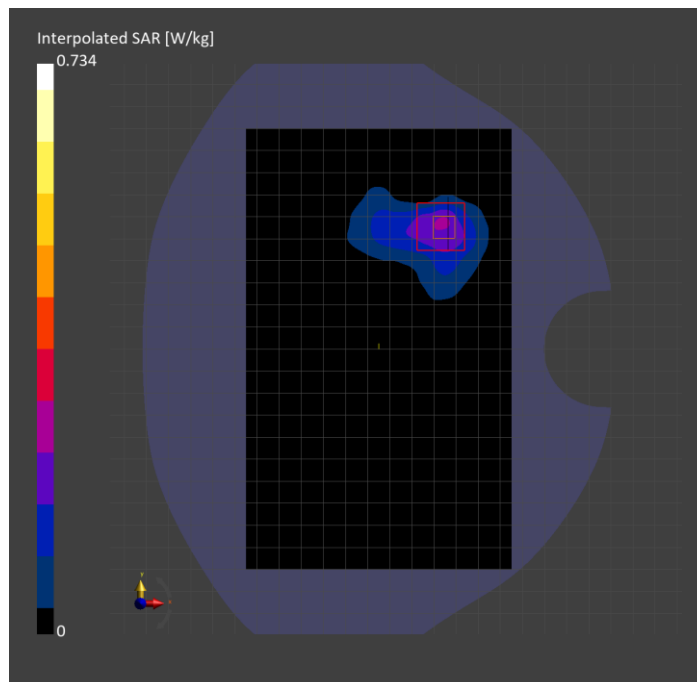
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		63.5
Dist 3dB Peak [mm]		8.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.743 [6.4, 55.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.191	0.201
psSAR10g [W/Kg]	0.077	0.077
Power Drift [dB]	N/A	0.06



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	36.1
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.56
Group UID	WLAN 10114-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.79	Test Distance [mm]	0.00

Hardware Setup

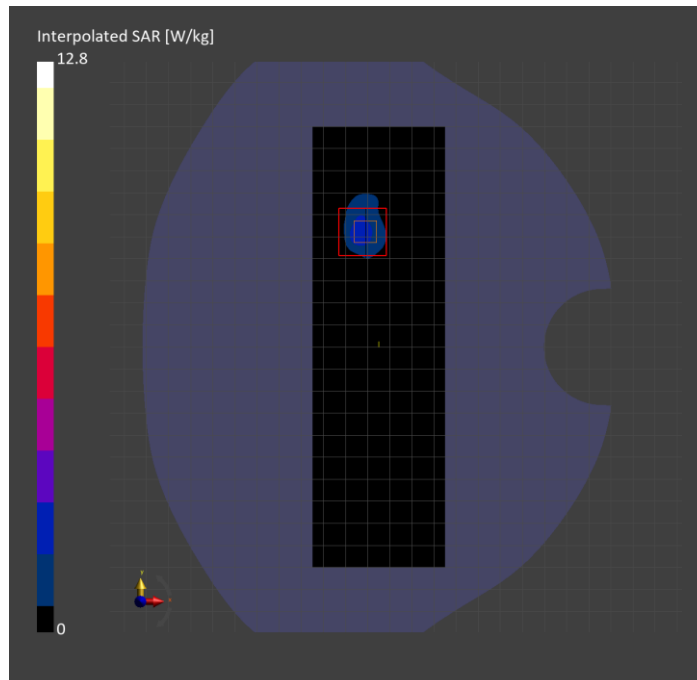
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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 [%]		62.7
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	13.0 [-30.8, 51.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.99	2.65
psSAR10g [W/Kg]	0.633	0.662
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.4
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	5.03
Group UID	WLAN 10544-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	5.16	Test Distance [mm]	0.00

Hardware Setup

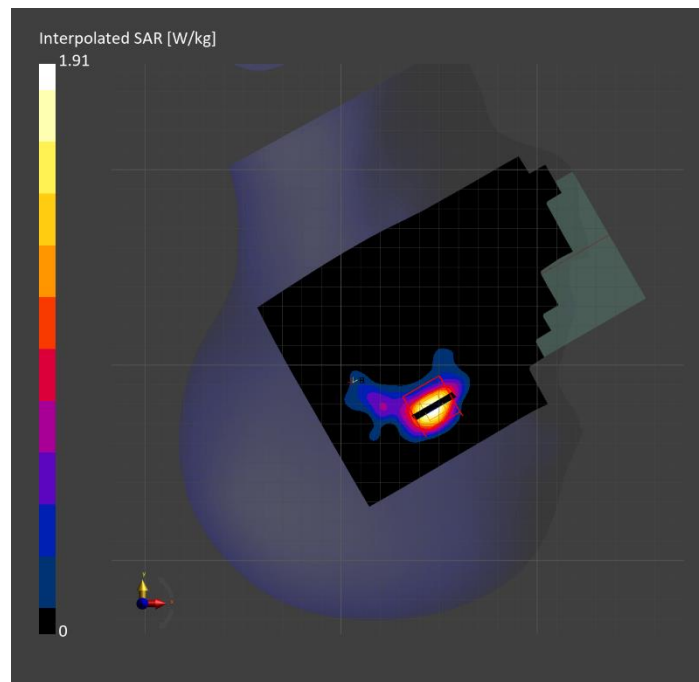
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		55.0
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.91 [48.5, -322.0, -175.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.336	0.420
psSAR10g [W/Kg]	0.111	0.116
Power Drift [dB]	N/A	0.13



WLAN 5GHz: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), BACK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.3
Frequency [MHz] Channel Number	5710.000 142	TSL Conductivity [S/m]	5.05
Group UID	WLAN 10114-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.16	Test Distance [mm]	10.00

Hardware Setup

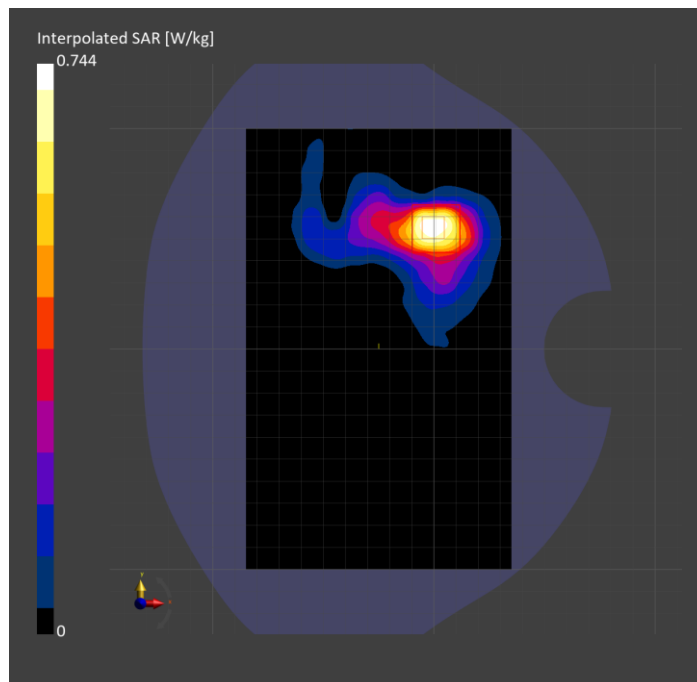
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		59.8
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.744 [0.8, 55.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.181	0.192
psSAR10g [W/Kg]	0.069	0.073
Power Drift [dB]	N/A	0.14



WLAN 5GHz: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), FRONT

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.3
Frequency [MHz] Channel Number	5710.000 142	TSL Conductivity [S/m]	5.05
Group UID	WLAN 10114-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.16	Test Distance [mm]	0.00

Hardware Setup

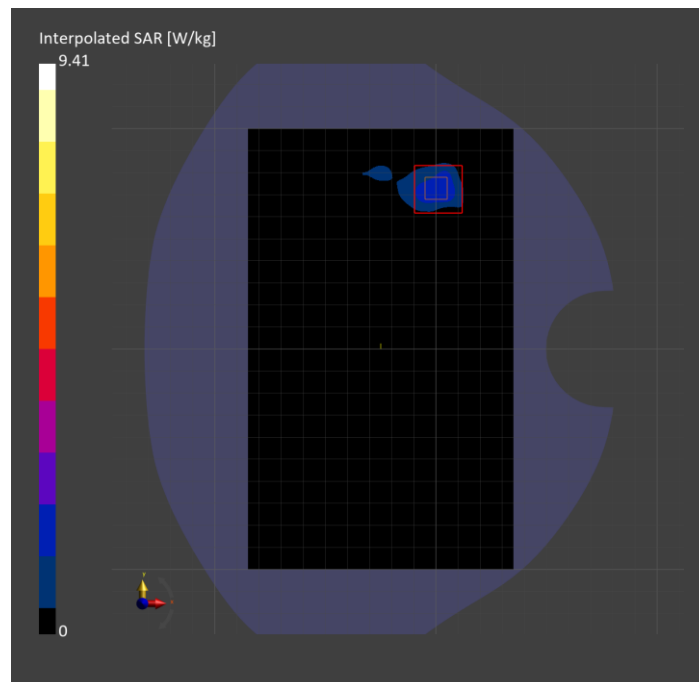
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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 [%]		61.8
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	9.41 [1.2, 75.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.66	2.12
psSAR10g [W/Kg]	0.541	0.608
Power Drift [dB]	N/A	-0.01



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

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	RightHead HSL
Conversion Factor	5.04	Test Distance [mm]	0.00

Hardware Setup

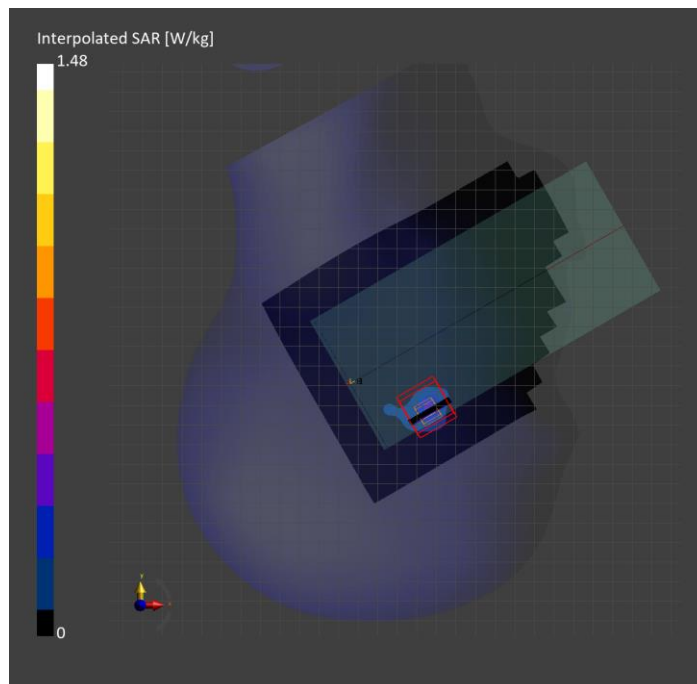
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		57.2
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.48 [47.1, -325.0, -174.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.256	0.314
psSAR10g [W/Kg]	0.078	0.081
Power Drift [dB]	N/A	-0.08



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

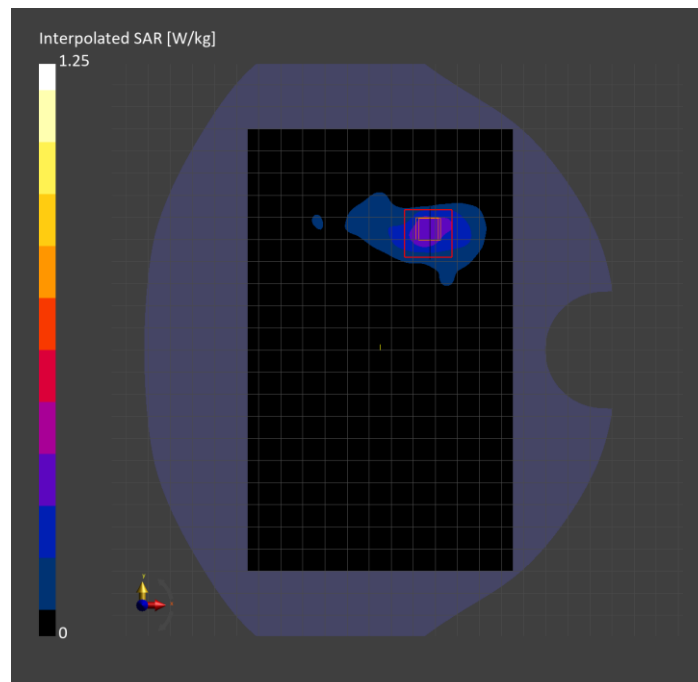
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	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 [%]		60.7	60.4
Dist 3dB Peak [mm]		7.6	7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [-2.4, 55.4, -207.0]	1.21 [-2.4, 55.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.298	0.326	0.320
psSAR10g [W/Kg]	0.108	0.110	0.110
Power Drift [dB]	N/A	-0.43	-0.21



U-NII-4: IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	U-NII-4	TSL Permittivity	34.9
Frequency [MHz] Channel Number	5815.000 163	TSL Conductivity [S/m]	5.39
Group UID	WLAN 10554-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	4.89	Test Distance [mm]	0.00

Hardware Setup

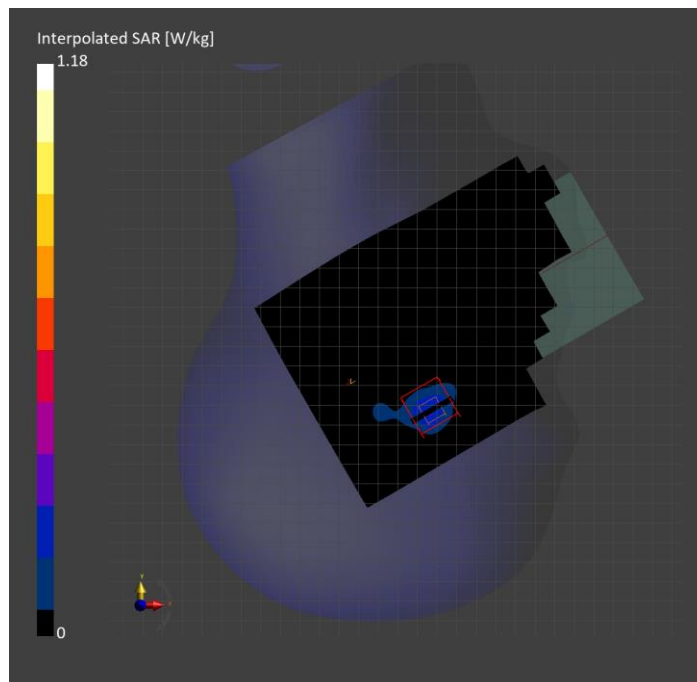
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	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 [%]		55.6	55.1
Dist 3dB Peak [mm]		6.3	6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.16 [48.6, -324.1, -174.9]	1.18 [48.6, -324.1, -174.9]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.208	0.248	0.252
psSAR10g [W/Kg]	0.069	0.065	0.066
Power Drift [dB]	N/A	-0.31	0.40



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

Exposure Conditions

Band	U-NII-4	TSL Permittivity	34.9
Frequency [MHz] Channel Number	5835.000 167	TSL Conductivity [S/m]	5.39
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	4.89	Test Distance [mm]	10.00

Hardware Setup

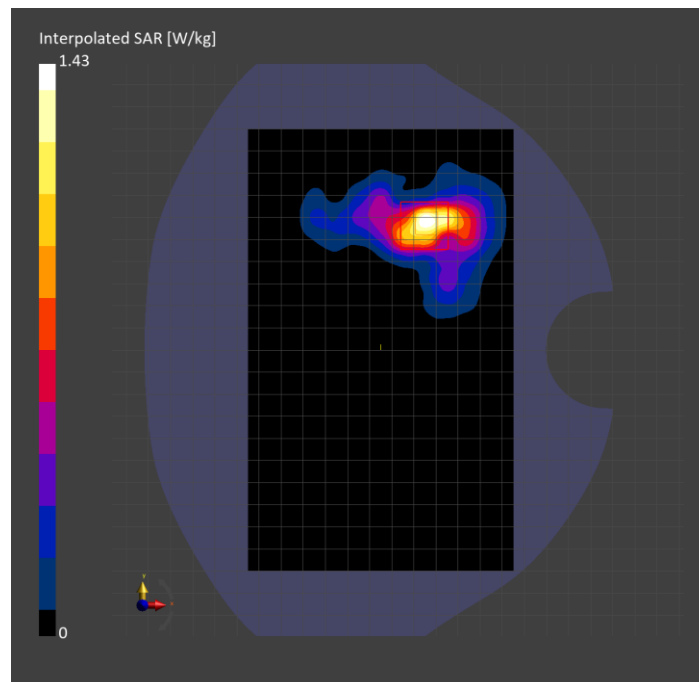
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		62.5
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.43 [-3.3, 58.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.347	0.380
psSAR10g [W/Kg]	0.121	0.123
Power Drift [dB]	N/A	-0.13



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

Exposure Conditions

Band	U-NII-4	TSL Permittivity	34.9
Frequency [MHz] Channel Number	5835.000 167	TSL Conductivity [S/m]	5.39
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	4.89	Test Distance [mm]	0.00

Hardware Setup

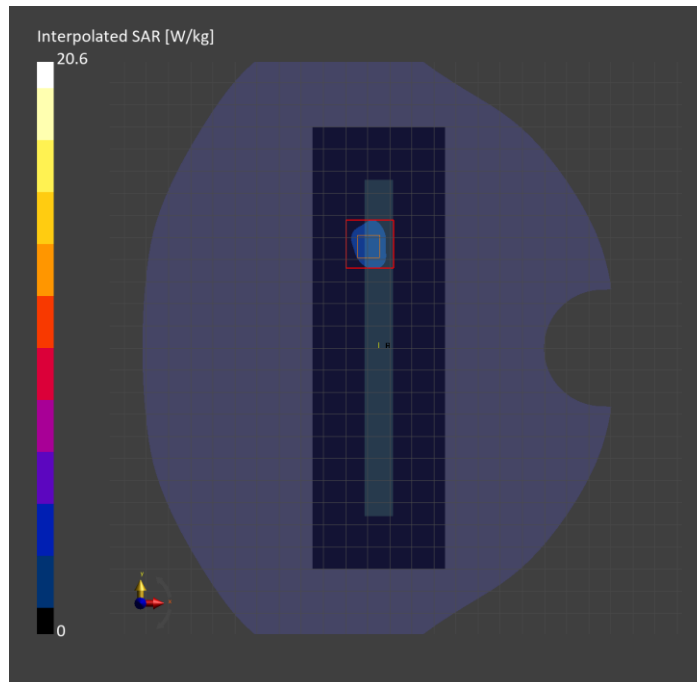
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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 [%]		58.9
Dist 3dB Peak [mm]		4.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	20.6 [-29.8, 46.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.06	3.71
psSAR10g [W/Kg]	0.688	0.808
Power Drift [dB]	N/A	-0.18



U-NII-5: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	U-NII-5	TSL Permittivity	36.1
Frequency [MHz] Channel Number	6025.000 15	TSL Conductivity [S/m]	5.37
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.77	Test Distance [mm]	0.00

Hardware Setup

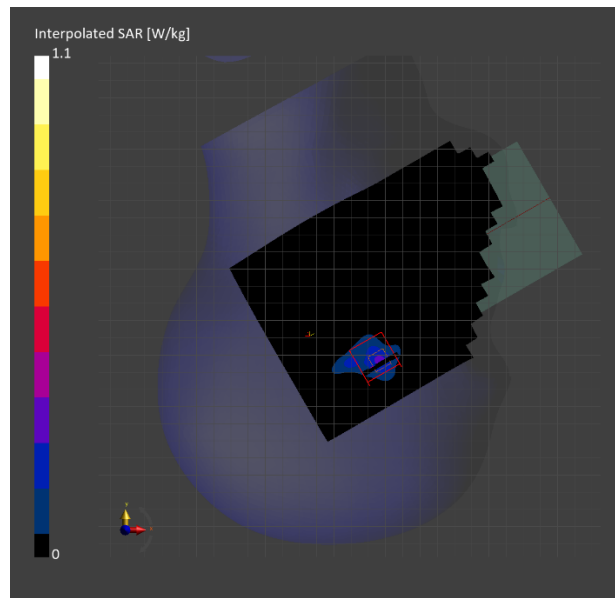
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	23.8 x 23.8 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 [%]		55.7
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.10 [49.2, -326.6, -174.5]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.204	0.246	N/A
psSAR8g [W/Kg]	0.076	0.088	N/A
psSAR10g [W/Kg]	0.067	0.077	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.77
Power Drift [dB]	N/A	-0.12	-0.12



Measurement Report for U-NII-5: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	U-NII-5	TSL Permittivity	36.7
Frequency [MHz] Channel Number	6025.000 15	TSL Conductivity [S/m]	5.40
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.77	Test Distance [mm]	10.00

Hardware Setup

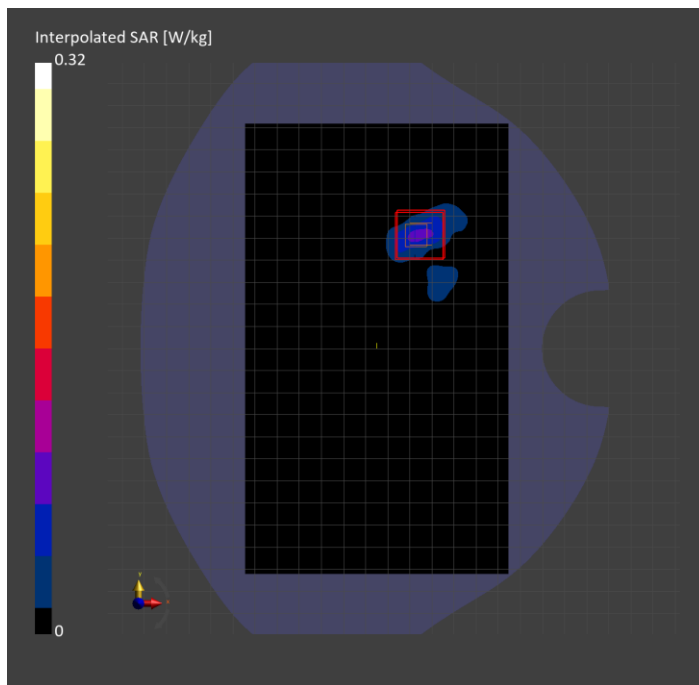
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		58.3	58.4
Dist 3dB Peak [mm]		6.5	6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.314 [-8.1, 50.7, -207.0]	0.320 [-7.7, 51.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.063	0.076	0.075	N/A	N/A
psSAR8g [W/Kg]	0.023	0.027	0.027	N/A	N/A
psSAR10g [W/Kg]	0.020	0.023	0.023	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.537	0.533
Power Drift [dB]	N/A	-1.63	-0.42	N/A	N/A



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	34.5
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.26
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.77	Test Distance [mm]	0.00

Hardware Setup

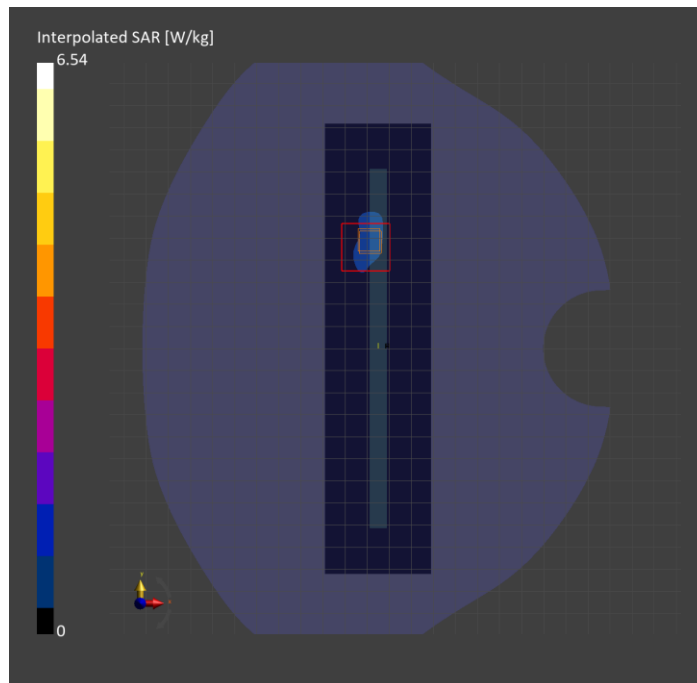
Probe Calibration Date	EX3DV4 - SN7356 2023-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	48.0 x 204.0	23.8 x 23.8 x 22.0	23.8 x 23.8 x 22.0
Grid Steps [mm]	8.0 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		51.1	51.4
Dist 3dB Peak [mm]		4.0	4.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	6.54 [-28.9, 46.6, -207.0]	6.48 [-28.9, 46.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.654	0.958	0.940	N/A	N/A
psSAR8g [W/Kg]	0.245	0.270	0.267	N/A	N/A
psSAR10g [W/Kg]	0.214	0.228	0.226	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	5.41	5.34
Power Drift [dB]	N/A	-0.24	-0.29	N/A	N/A



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.87
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	7.87	Test Distance [mm]	0.00

Hardware Setup

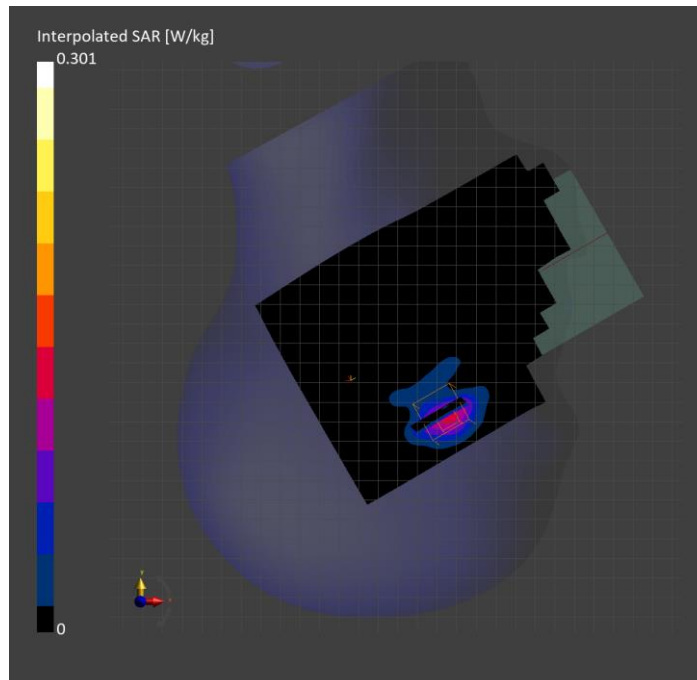
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 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 [%]		74.3
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.301 [57.6, -327.4, -173.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.105	0.118
psSAR10g [W/Kg]	0.047	0.049
Power Drift [dB]	N/A	0.10



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2480.000 78	TSL Conductivity [S/m]	1.89
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.87	Test Distance [mm]	10.00

Hardware Setup

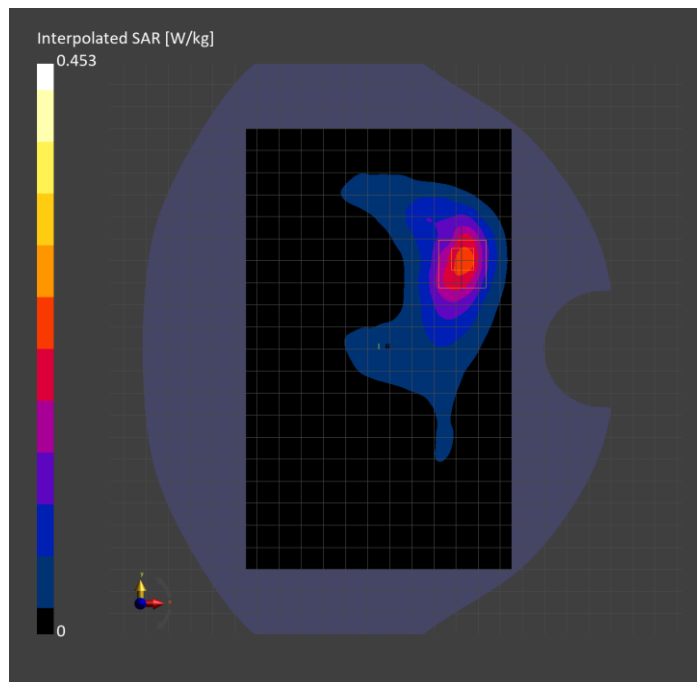
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		73.8
Dist 3dB Peak [mm]		9.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.453 [12.5, 41.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.200	0.205
psSAR10g [W/Kg]	0.099	0.10
Power Drift [dB]	N/A	0.08



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2440.000 2440000	TSL Conductivity [S/m]	1.73
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.87	Test Distance [mm]	0.00

Hardware Setup

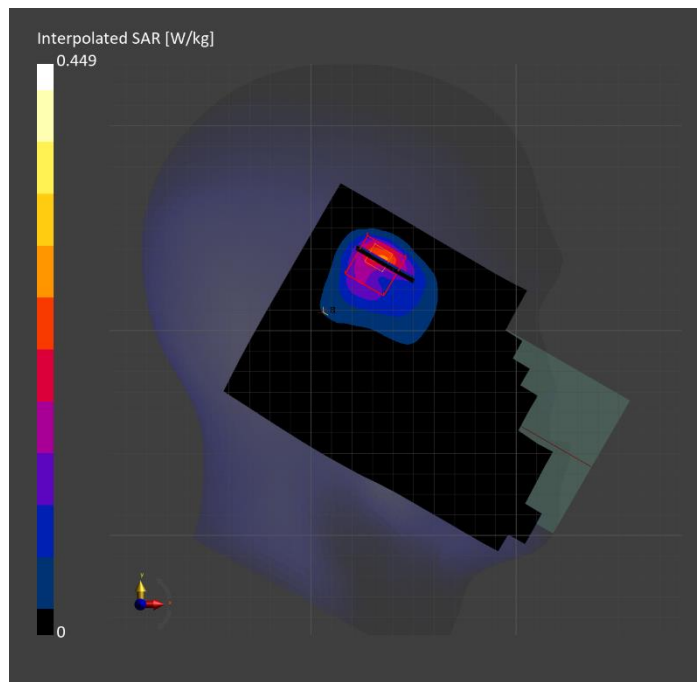
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.7 x 4.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.0
Dist 3dB Peak [mm]		6.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.449 [32.2, 337.4, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.189	0.196
psSAR10g [W/Kg]	0.088	0.086
Power Drift [dB]	N/A	-0.05



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2440.000 2440000	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

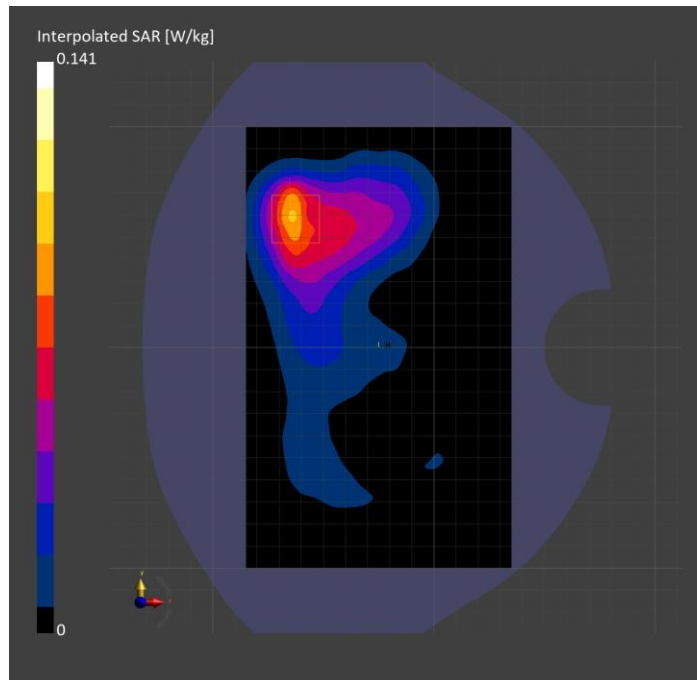
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.7
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.142 [-65.5, 62.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.074	0.074
psSAR10g [W/Kg]	0.039	0.038
Power Drift [dB]	N/A	-0.02



Custom Band: CW, EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2440.000 2440000	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

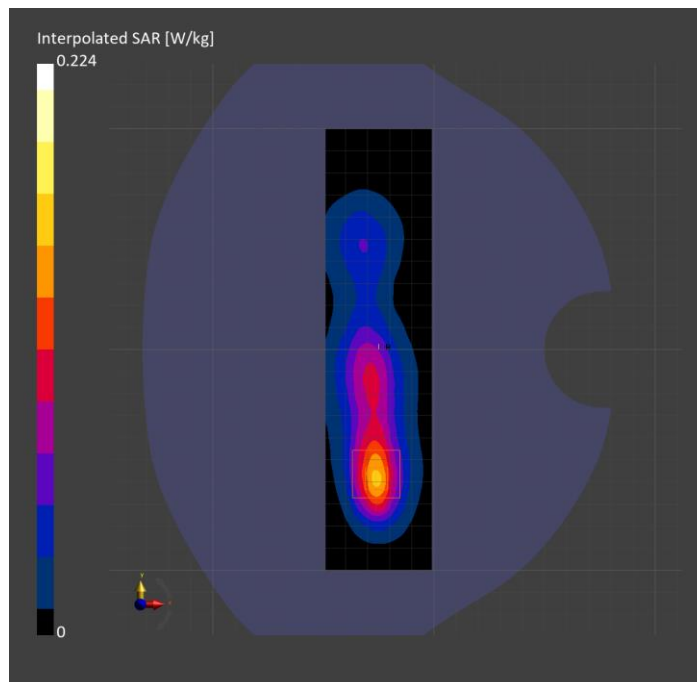
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.8
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.224 [-26.3, -57.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.117	0.118
psSAR10g [W/Kg]	0.056	0.057
Power Drift [dB]	N/A	-0.06



Measurements for NFC, BACK

Exposure Conditions

Band	NFC	TSL Permittivity	55.4
Frequency [MHz] Channel Number	13.600 13600	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

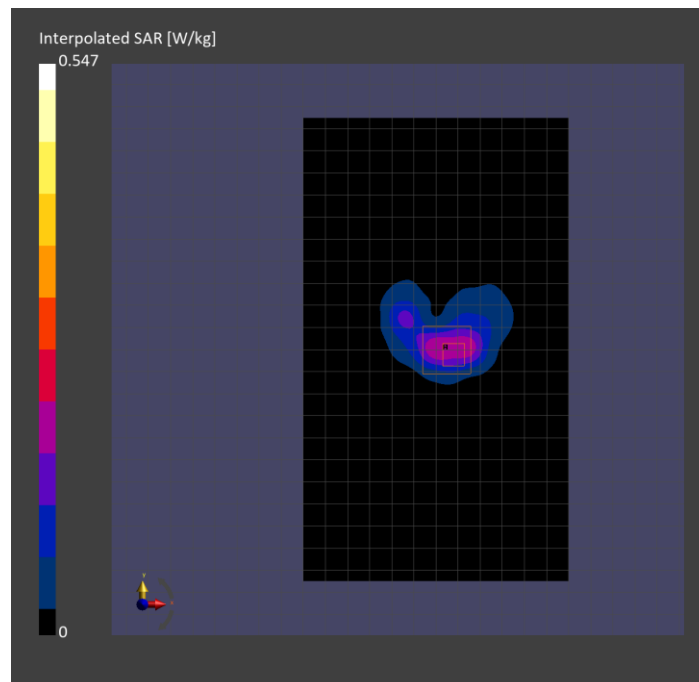
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL4-250V3
Software Version	16.2.4.2524		

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	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.1
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.547 [8.8, -3.6, -177.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.198	0.180
psSAR10g [W/Kg]	0.139	0.080
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	35.3
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.24
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 [%]		64.4
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [4.2, 57.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.272	0.280
psSAR10g [W/Kg]	0.103	0.096
Power Drift [dB]	N/A	-0.16

