

GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), EDGE RIGHT

Exposure Conditions

Band	GSM 850	TSL Permittivity	44.5
Frequency [MHz] Channel Number	824.200 128	TSL Conductivity [S/m]	0.923
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

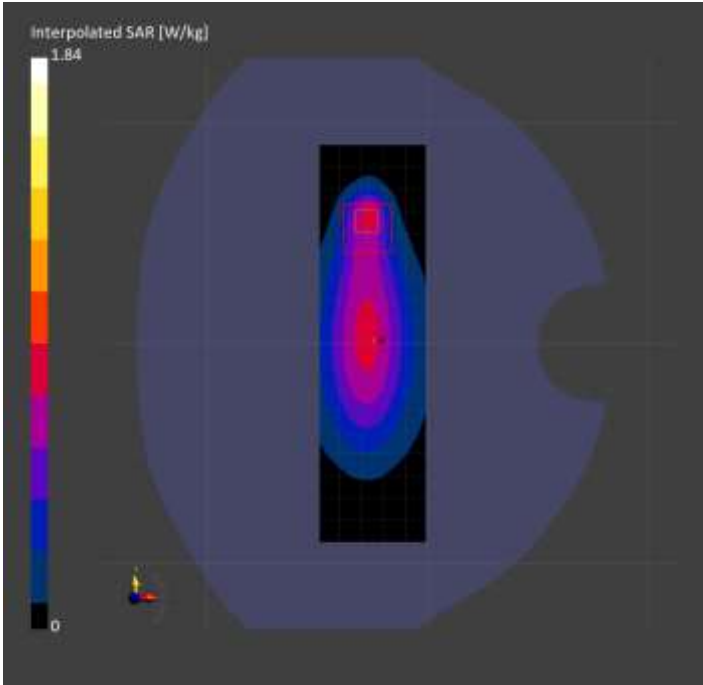
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		69.7
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.84 [-27.6, 59.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.697
psSAR10g [W/Kg]	0.477	0.356
Power Drift [dB]	-0.00	-0.04



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.3
Frequency [MHz] Channel Number	824.200 128	TSL Conductivity [S/m]	0.893
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.51	Test Distance [mm]	0.00

Hardware Setup

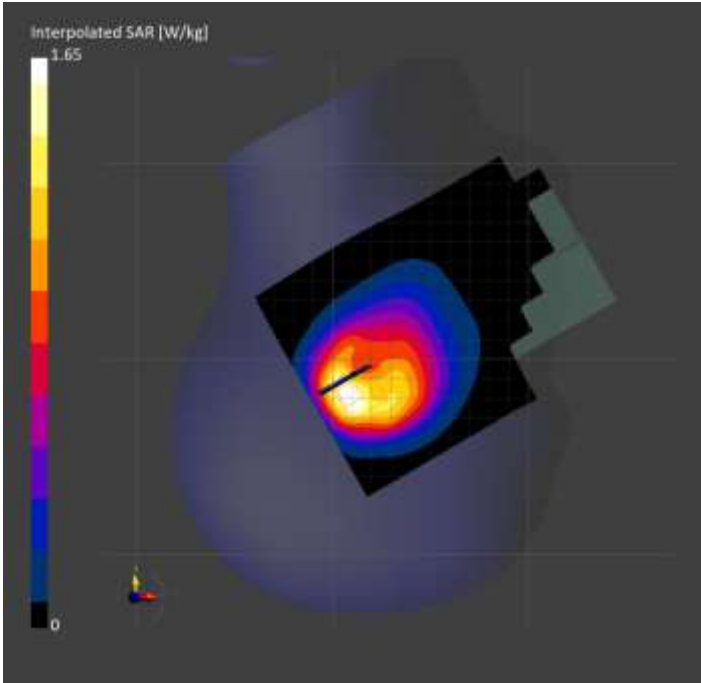
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		71.4
Dist 3dB Peak [mm]		8.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.65, 8.2, -317.7, -168.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.750	0.739
psSAR10g [W/Kg]	0.473	0.416
Power Drift [dB]	0.02	0.01



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.2
Frequency [MHz] Channel Number	848.800 251	TSL Conductivity [S/m]	0.901
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

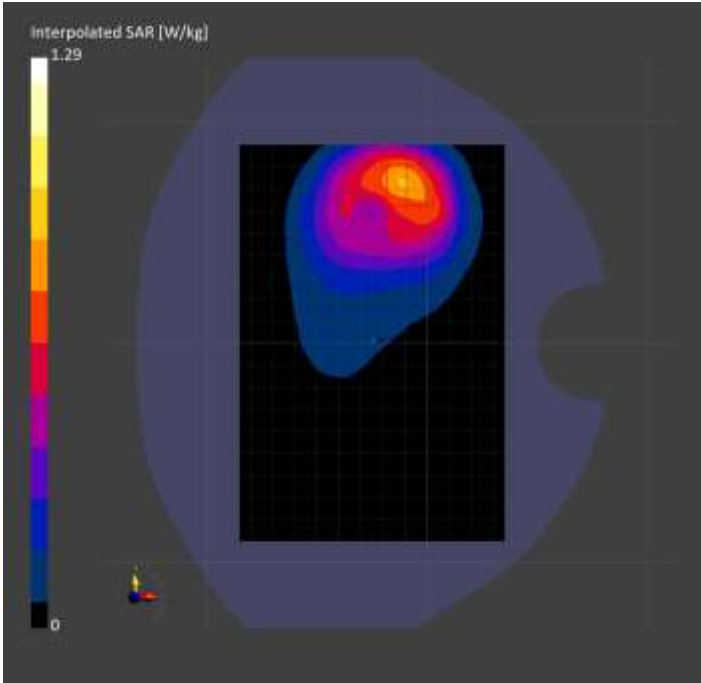
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		81.5
Dist 3dB Peak [mm]		10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.29, -10.4, 77.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.709
psSAR10g [W/Kg]	0.474	0.403
Power Drift [dB]	0.02	0.03



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.35
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.77	Test Distance [mm]	0.00

Hardware Setup

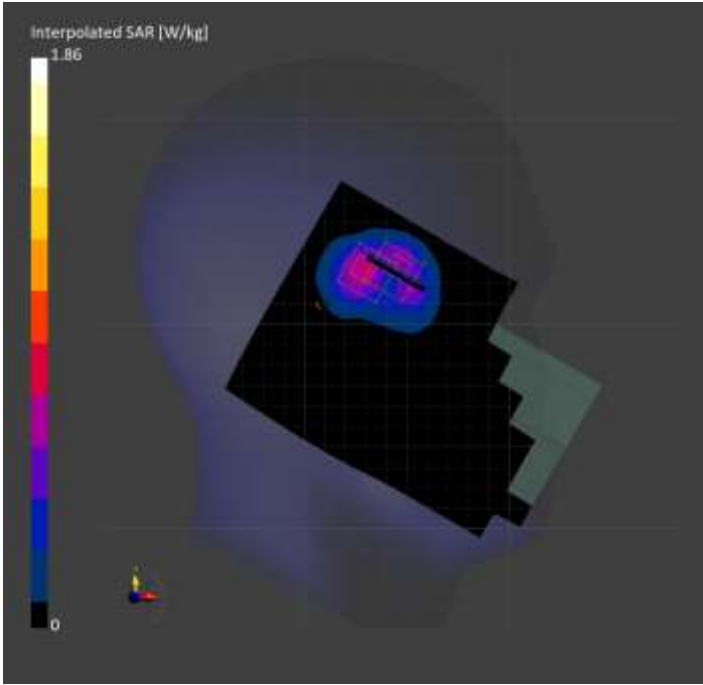
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.4 x 32.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.4 x 5.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.6
Dist 3dB Peak [mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.86, 46.0, 328.6, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.615	0.830
psSAR10g [W/Kg]	0.332	0.398
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.37
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.77	Test Distance [mm]	5.00

Hardware Setup

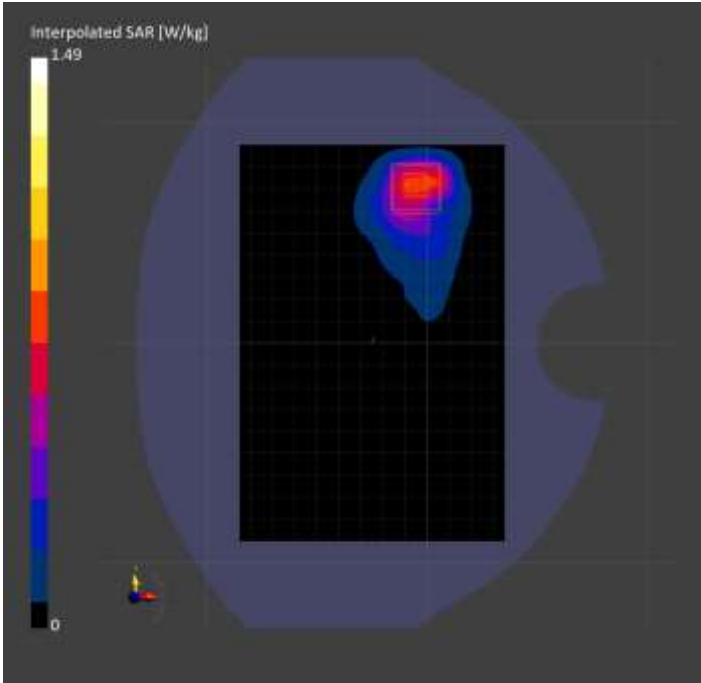
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		76.2
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, -5.6, 72.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.656	0.688
psSAR10g [W/Kg]	0.353	0.326
Power Drift [dB]	N/A	-0.02



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), EDGE LEFT

Exposure Conditions

Band	PCS 1900	TSL Permittivity	40.7
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.33
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.77	Test Distance [mm]	5.00

Hardware Setup

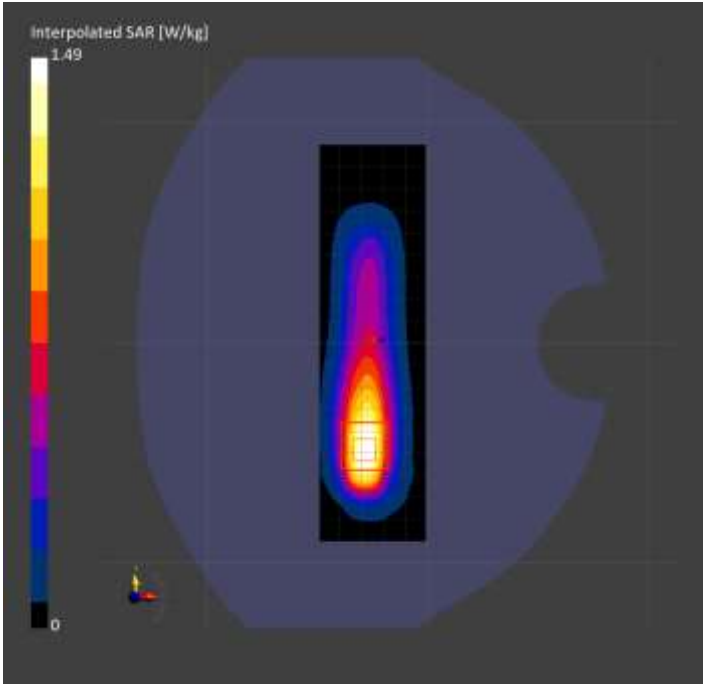
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		83.9
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, -28.5, -48.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.769	0.804
psSAR10g [W/Kg]	0.400	0.408
Power Drift [dB]	N/A	0.02



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	40.5
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.26	Test Distance [mm]	0.00

Hardware Setup

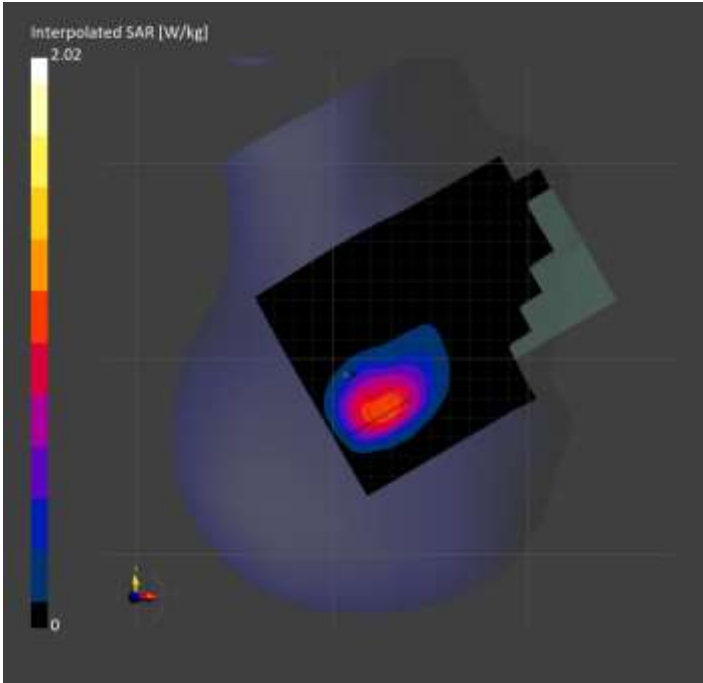
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DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.8 x 40.6 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.8 x 5.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.7
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.02, 31.3, -323.0, -170.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.944	0.869
psSAR10g [W/Kg]	0.542	0.514
Power Drift [dB]	N/A	-0.15



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	40.5
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	5.00

Hardware Setup

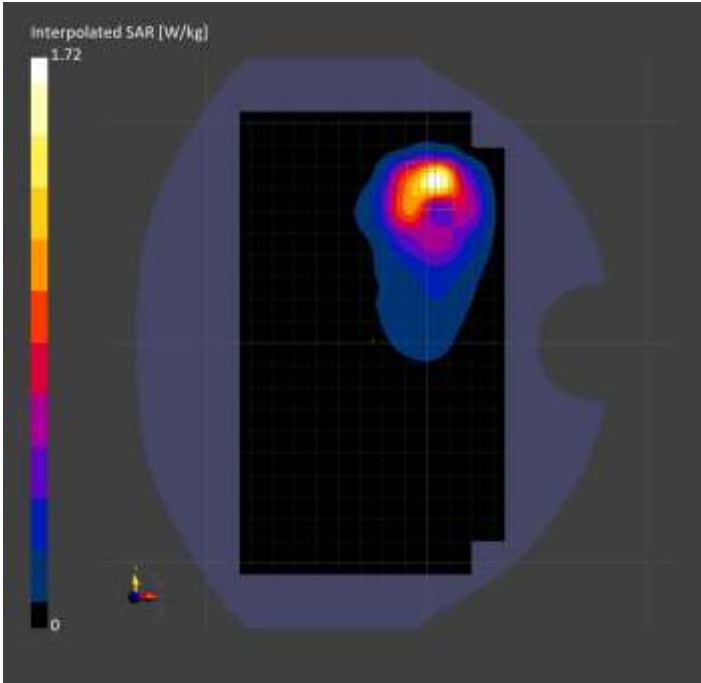
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DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 31.2
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 [%]		78.4
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.72, 1.1, 72.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.703	0.781
psSAR10g [W/Kg]	0.347	0.365
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band 2	TSL Permittivity	39.2
Frequency [MHz] Channel Number	1852.400 9262	TSL Conductivity [S/m]	1.42
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	5.00

Hardware Setup

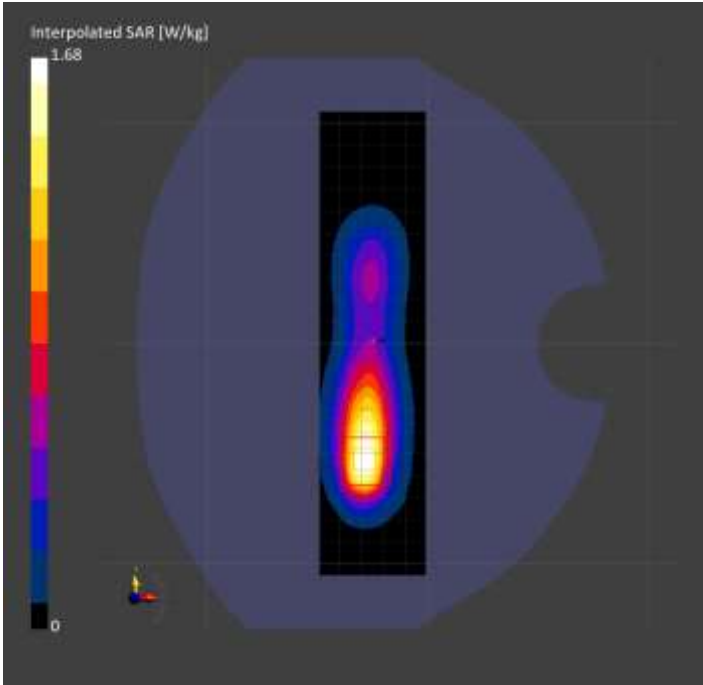
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DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

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 [%]		84.6
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.68 -28.6, -52.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.896	0.894
psSAR10g [W/Kg]	0.466	0.442
Power Drift [dB]	N/A	-0.06



Band 4: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 4	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.26
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.43	Test Distance [mm]	0.00

Hardware Setup

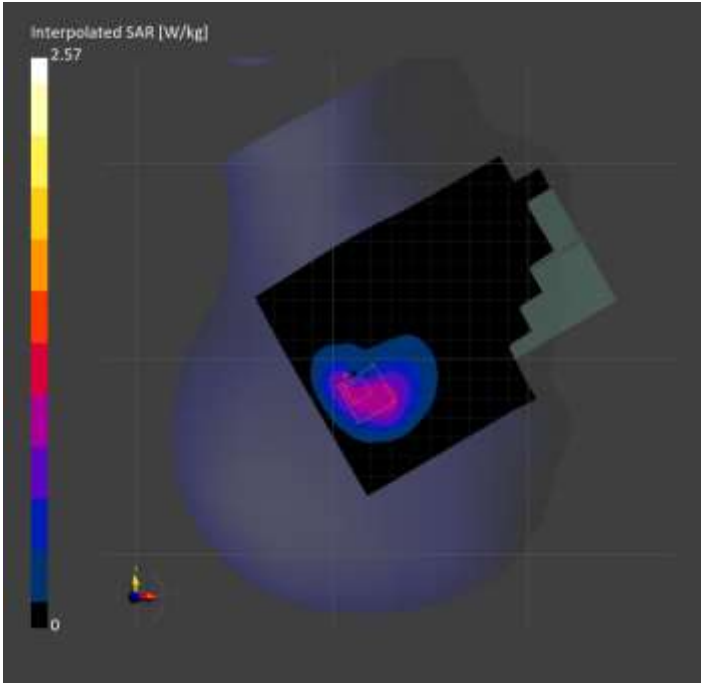
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.2 x 34.2 x 31.2
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 [%]		77.3
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.57, 12.3, -316.0, -169.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.851	1.16
psSAR10g [W/Kg]	0.503	0.578
Power Drift [dB]	N/A	0.08



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

Exposure Conditions

Band	Band 4	TSL Permittivity	41.2
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.95	Test Distance [mm]	5.00

Hardware Setup

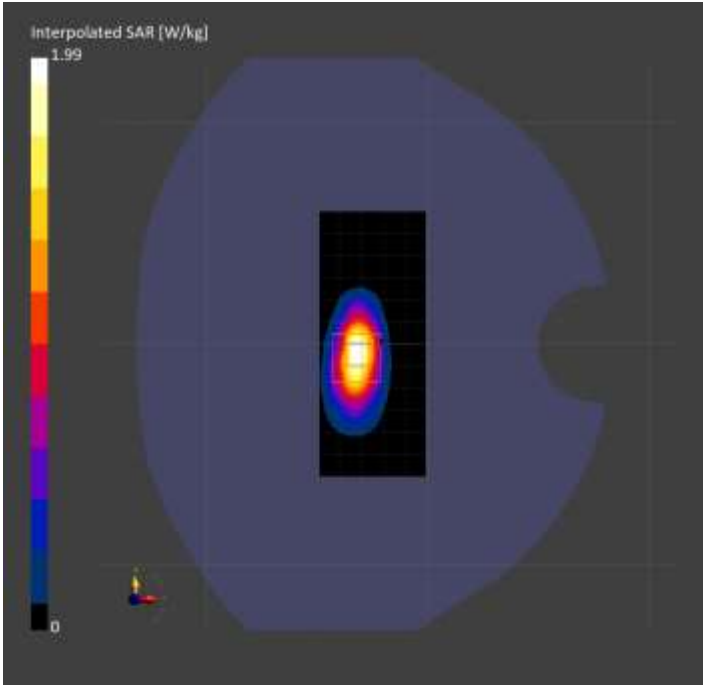
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.0 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 [%]		77.7
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.99, -31.7, -5.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.906	0.904
psSAR10g [W/Kg]	0.429	0.420
Power Drift [dB]	N/A	0.02



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.5
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.28
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.95	Test Distance [mm]	5.00

Hardware Setup

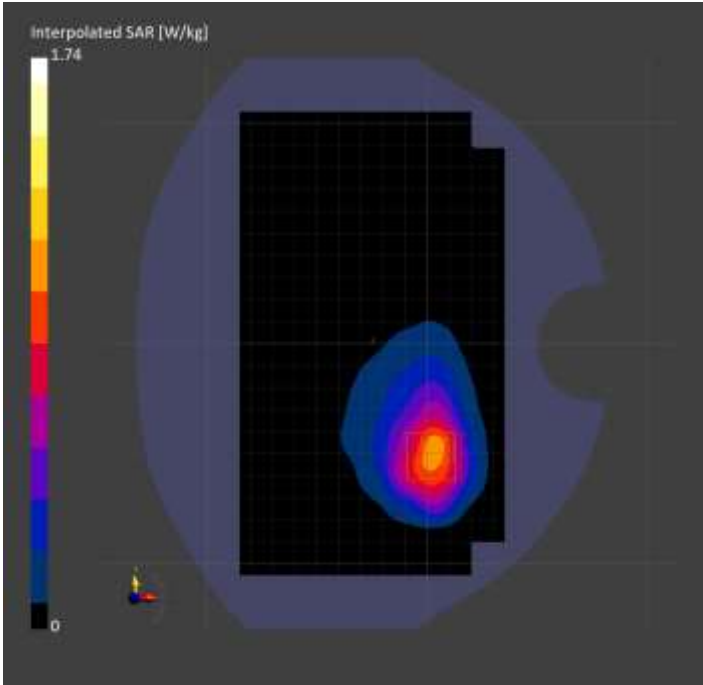
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.74 6.6, -48.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.912	0.935
psSAR10g [W/Kg]	0.526	0.526
Power Drift [dB]	N/A	-0.01



Band 5: UMTS-FDD (WCDMA), EDGE RIGHT

Exposure Conditions

Band	Band 5	TSL Permittivity	44.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.879
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

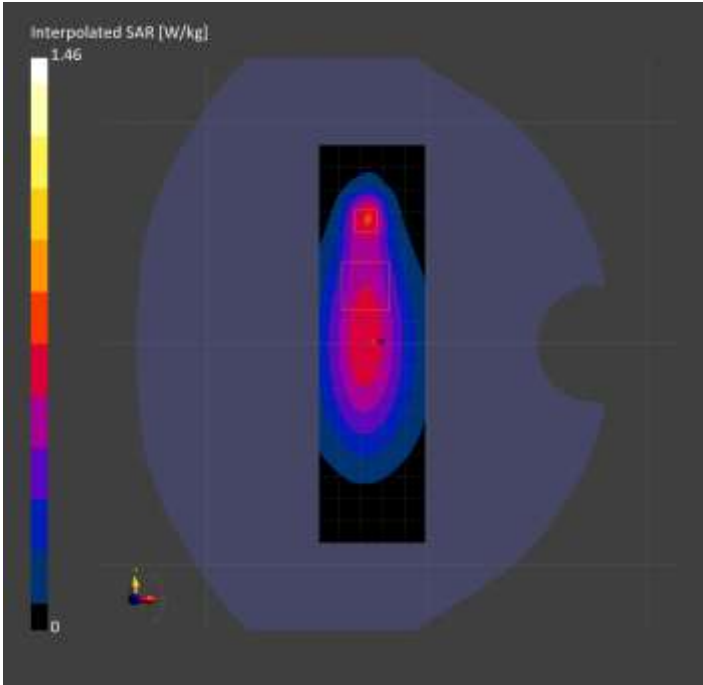
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		75.8
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.46 -28.0, 55.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.606	0.594
psSAR10g [W/Kg]	0.402	0.364
Power Drift [dB]	0.00	0.01



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	41.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.897
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.51	Test Distance [mm]	0.00

Hardware Setup

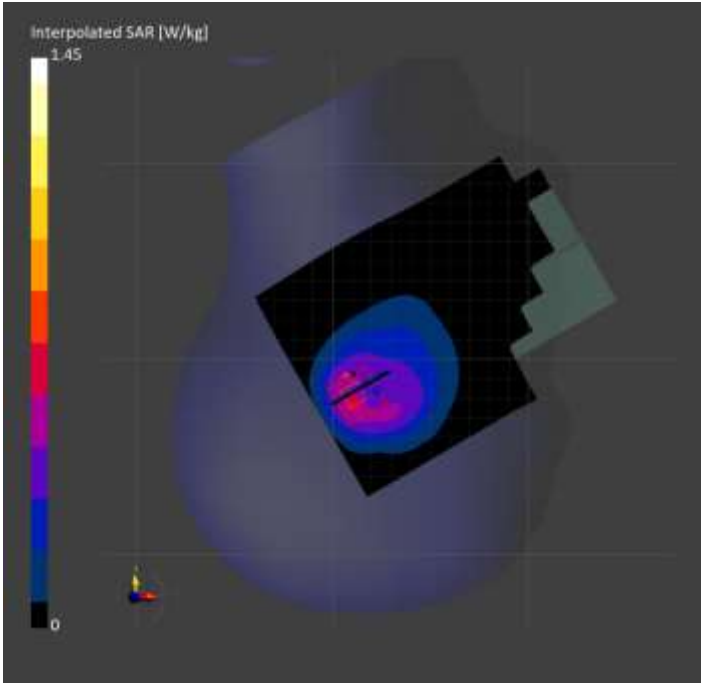
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.3 x 34.3 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.9 x 4.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.3
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.45, 10.0, -318.2, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.516	0.598
psSAR10g [W/Kg]	0.324	0.314
Power Drift [dB]	-0.01	0.04



fBand 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	41.3
Frequency [MHz] Channel Number	826.400 4132	TSL Conductivity [S/m]	0.893
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

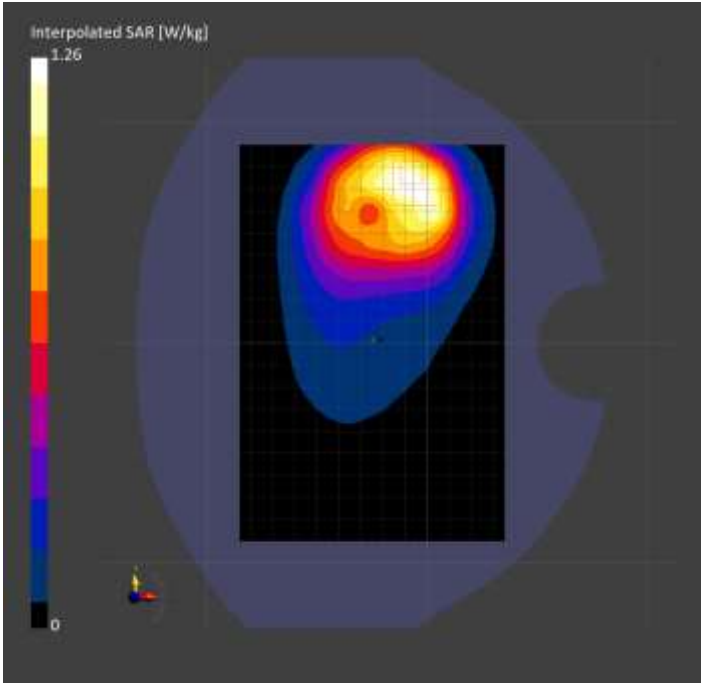
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		10.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.26, -7.3, 77.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.708	0.702
psSAR10g [W/Kg]	0.472	0.407
Power Drift [dB]	0.01	0.01



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 5	TSL Permittivity	44.5
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.927
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

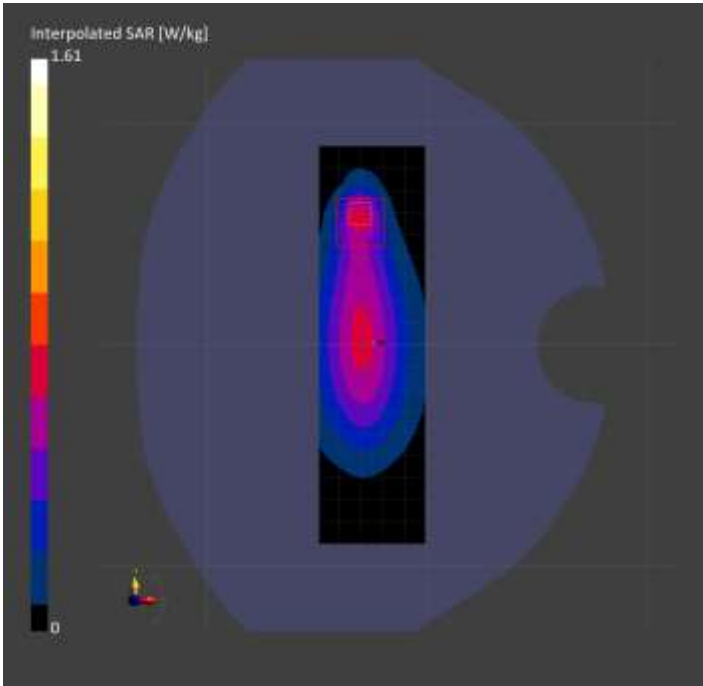
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		71.7
Dist 3dB Peak [mm]		6.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.61 [-30.9,61.5,-207]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.624	0.616
psSAR10g [W/Kg]	0.411	0.307
Power Drift [dB]	-0.12	-0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.883
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.51	Test Distance [mm]	0.00

Hardware Setup

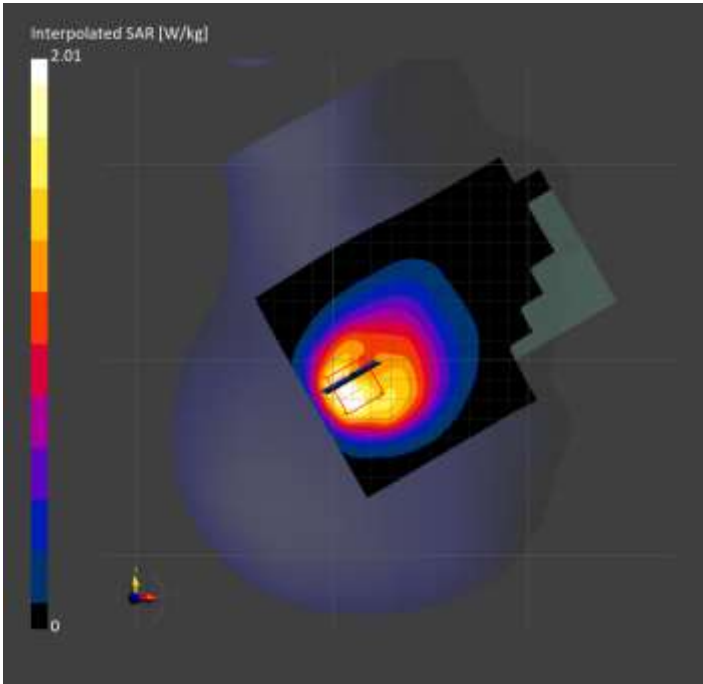
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.8 x 31.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.6
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.01, 6.8, -312.7, -168.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.848
psSAR10g [W/Kg]	0.506	0.462
Power Drift [dB]	0.01	-0.01



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.883
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

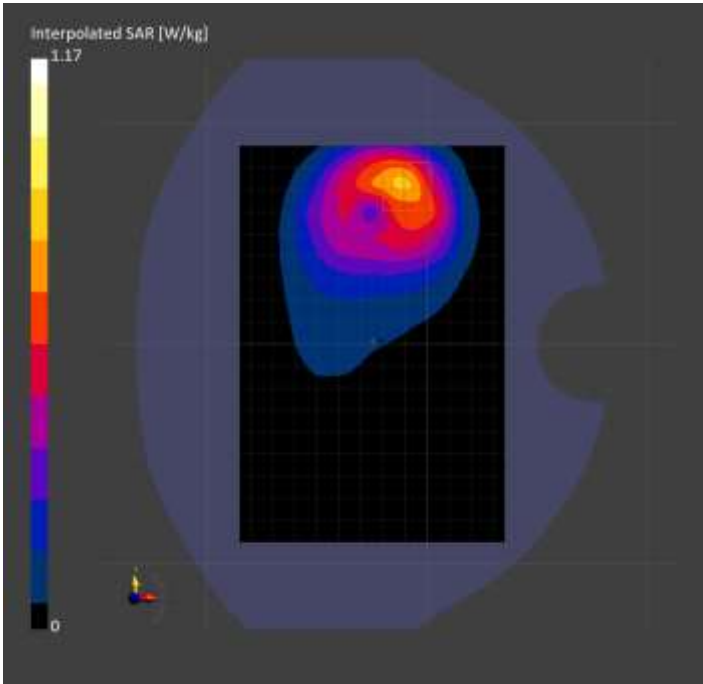
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.2
Dist 3dB Peak [mm]		10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.17, -11.3, 75.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.677	0.649
psSAR10g [W/Kg]	0.432	0.374
Power Drift [dB]	0.02	0.02



Band 7: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band 7	TSL Permittivity	40.1
Frequency [MHz] Channel Number	2560.000 21350	TSL Conductivity [S/m]	1.82
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

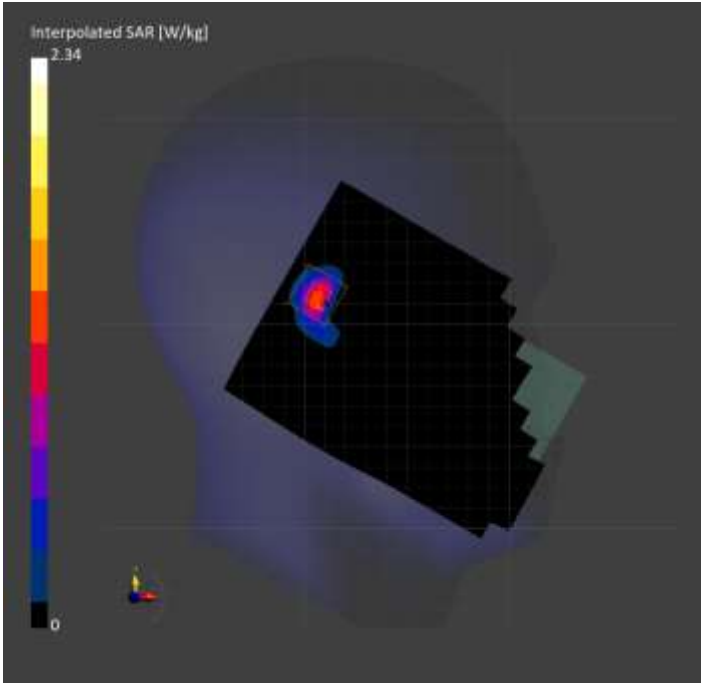
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.6 x 33.6 x 31.2
Grid Steps [mm]	10.0 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 [%]		79.2
Dist 3dB Peak [mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.34, 6.0, 313.3, -168.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.939	0.971
psSAR10g [W/Kg]	0.339	0.345
Power Drift [dB]	-0.02	-0.03



Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 7	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.79
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	5.00

Hardware Setup

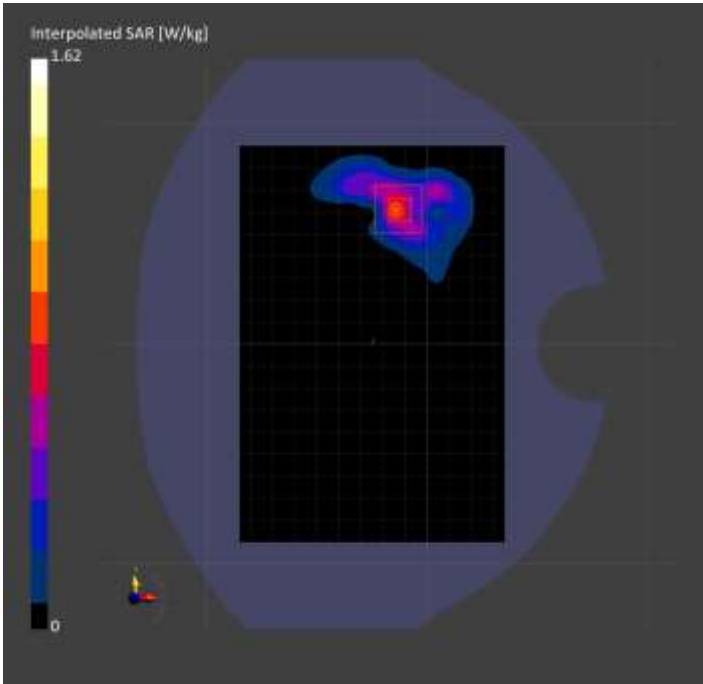
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		81.8
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.62, -12.0, 60.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.649	0.736
psSAR10g [W/Kg]	0.294	0.291
Power Drift [dB]	N/A	0.01



Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 7	TSL Permittivity	35.7
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.73
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.46	Test Distance [mm]	5.00

Hardware Setup

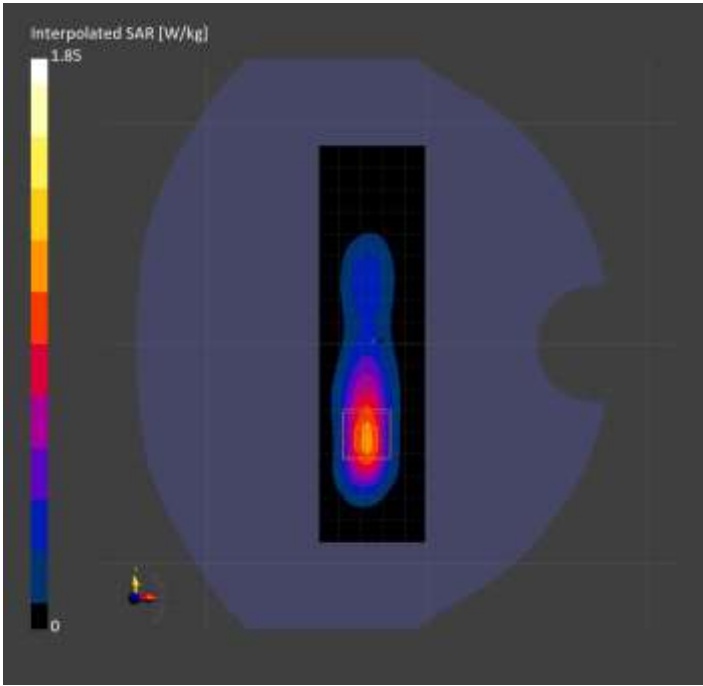
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.85, -27.6, -42.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.875	0.910
psSAR10g [W/Kg]	0.406	0.417
Power Drift [dB]	-0.01	-0.00



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 12	TSL Permittivity	41.9
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.907
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

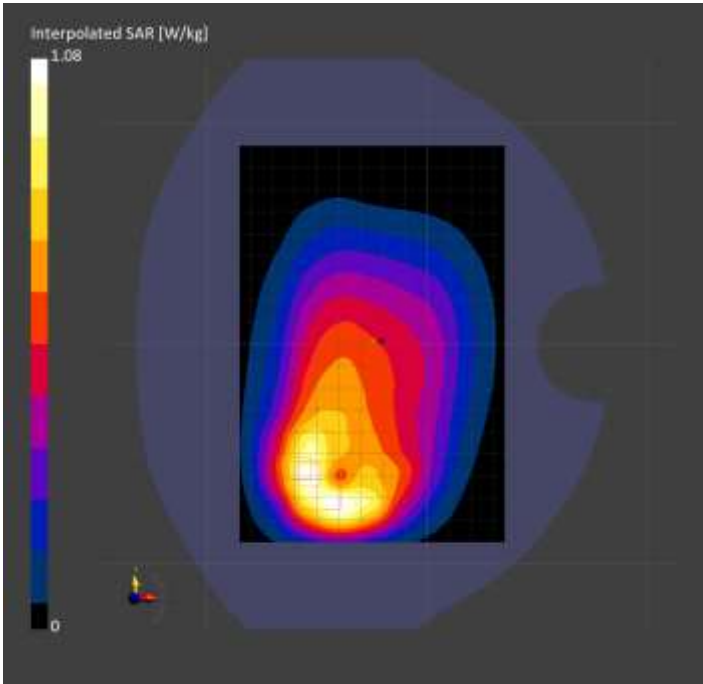
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		76.0
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-58.6, -58.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.498	0.516
psSAR10g [W/Kg]	0.327	0.298
Power Drift [dB]	-0.00	-0.00



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 12	TSL Permittivity	41.9
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.907
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

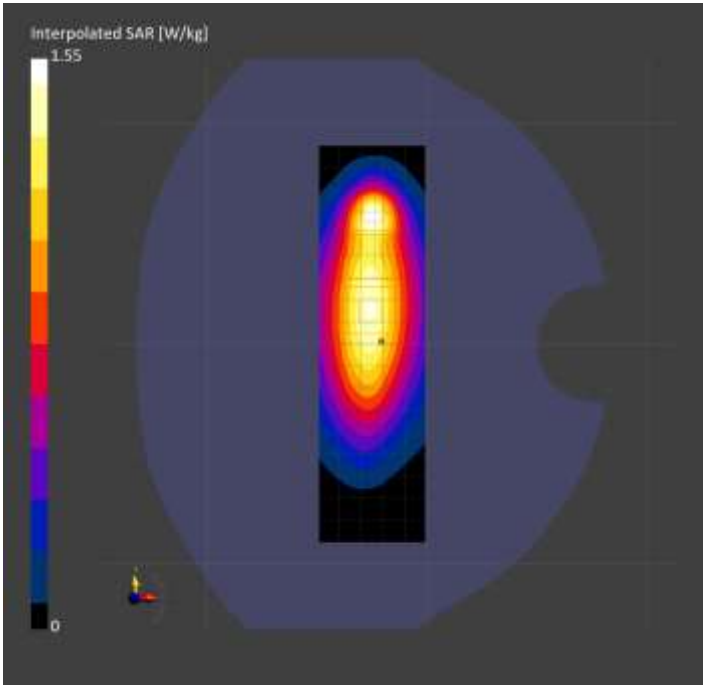
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		73.0
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.55 [-23.9, 63.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.692	0.681
psSAR10g [W/Kg]	0.463	0.417
Power Drift [dB]	0.01	-0.14



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.919
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.23	Test Distance [mm]	0.00

Hardware Setup

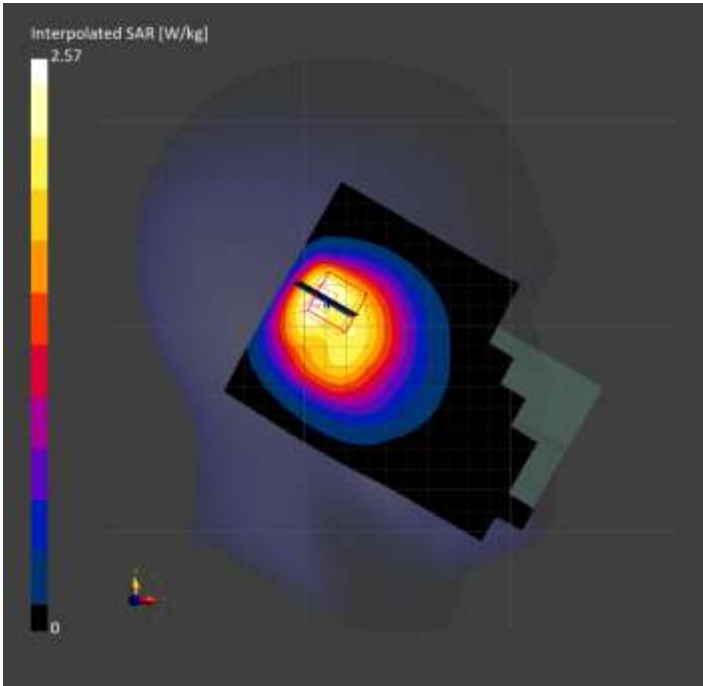
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.0 x 33.0 x 31.2
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 [%]		66.3
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.57, 8.7, 313.1, -168.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.731	0.892
psSAR10g [W/Kg]	0.492	0.481
Power Drift [dB]	-0.00	0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 13	TSL Permittivity	41.5
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.936
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

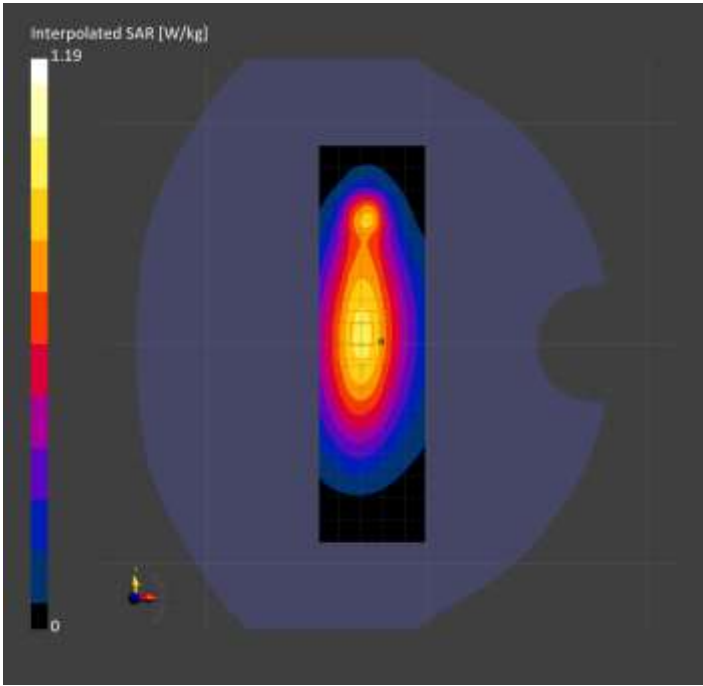
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		89.3
Dist 3dB Peak [mm]		19.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.19 [-29.2,0.4,-207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.809	0.799
psSAR10g [W/Kg]	0.536	0.525
Power Drift [dB]	-0.01	-0.05



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 13	TSL Permittivity	44.0
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.845
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	10.3	Test Distance [mm]	0.00

Hardware Setup

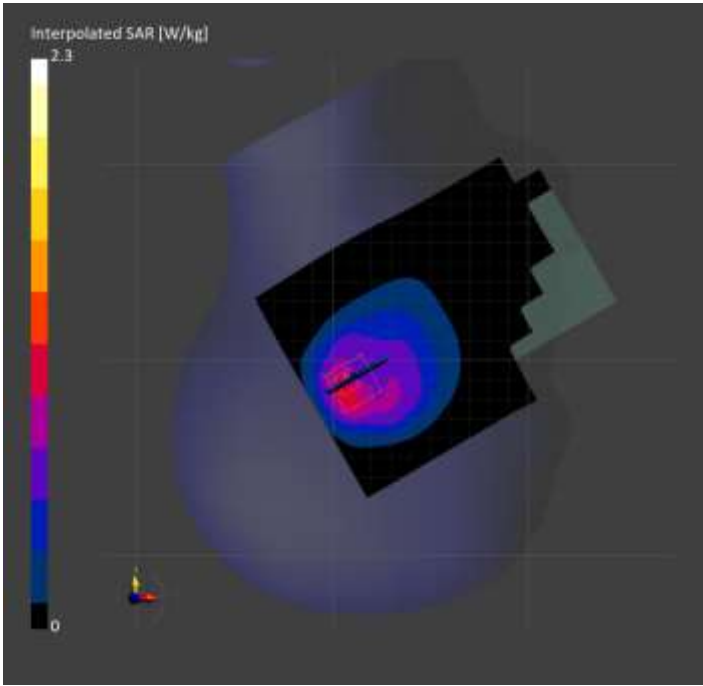
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.8
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.30, 6.6, -310.9, -168.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.889	0.957
psSAR10g [W/Kg]	0.567	0.527
Power Drift [dB]	0.03	0.00



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 13	TSL Permittivity	42.1
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.942
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

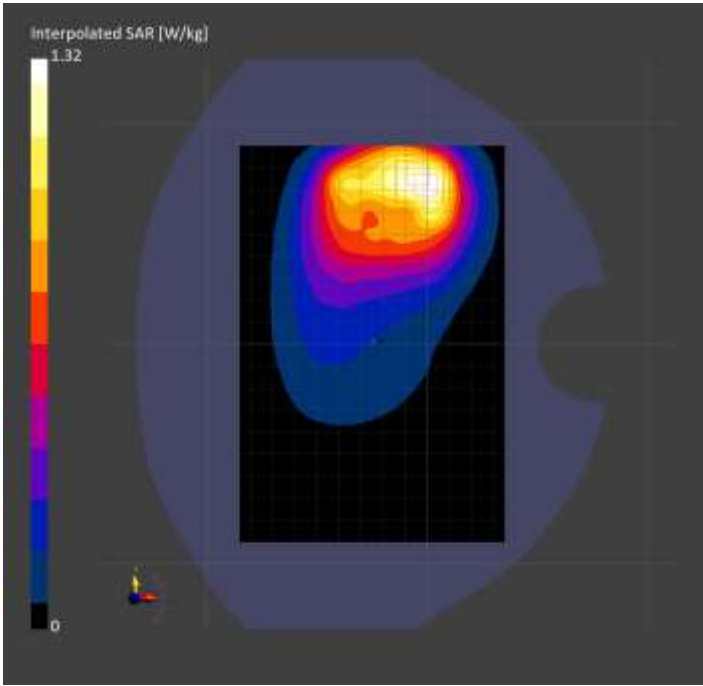
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		82.4
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.32, -4.3, 76.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.729
psSAR10g [W/Kg]	0.481	0.403
Power Drift [dB]	-0.02	-0.02



Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 14	TSL Permittivity	41.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.940
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

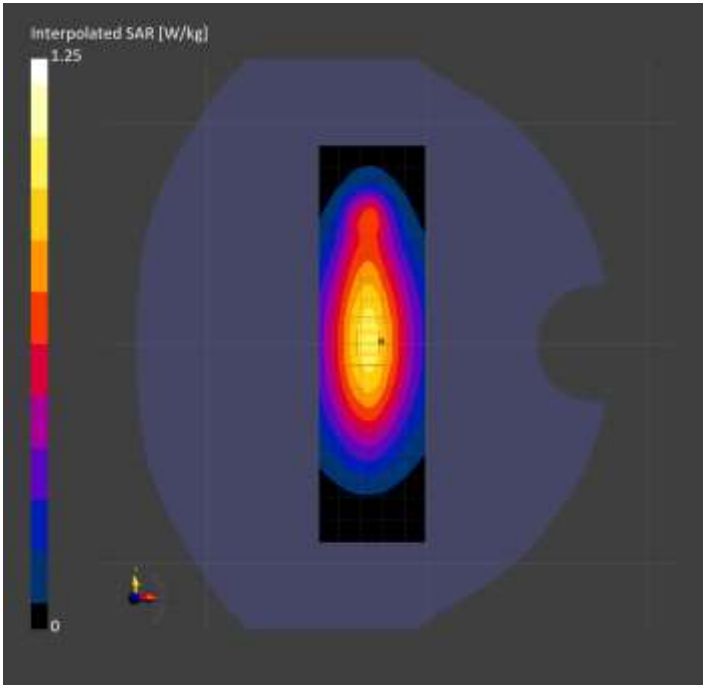
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.0
Dist 3dB Peak [mm]		14.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.20 [-28.4, 26.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.874	0.700
psSAR10g [W/Kg]	0.578	0.425
Power Drift [dB]	-0.01	-0.04



Band 14: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 14	TSL Permittivity	44.0
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.849
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	10.3	Test Distance [mm]	0.00

Hardware Setup

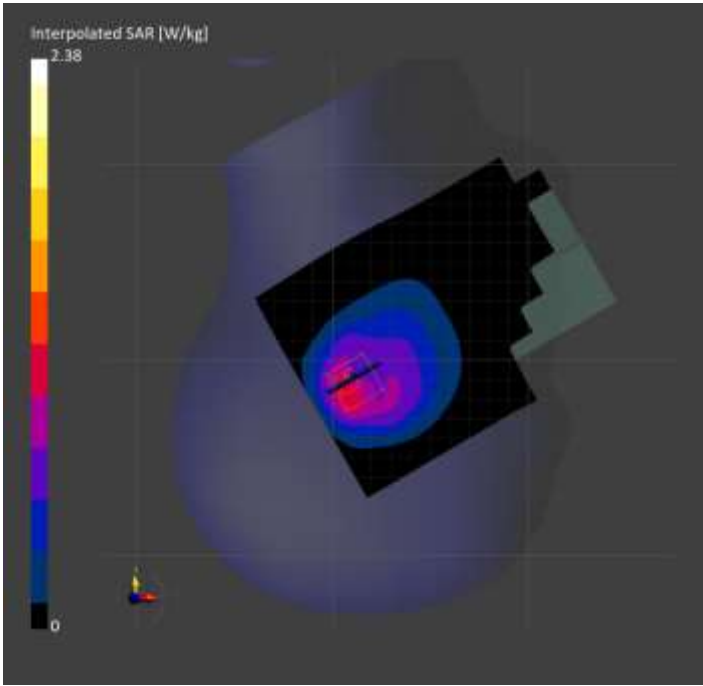
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.2 x 5.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.2
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.38, 6.6, -310.9, -168.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.935	1.00
psSAR10g [W/Kg]	0.597	0.554
Power Drift [dB]	-0.00	0.01



Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	42.0
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.948
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

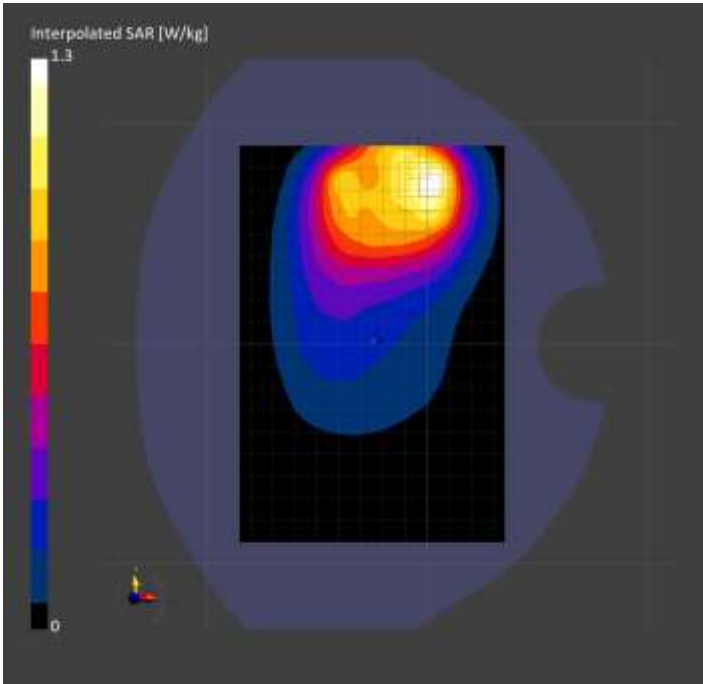
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		83.6
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.30, -3.6, 79.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.693	0.723
psSAR10g [W/Kg]	0.454	0.401
Power Drift [dB]	0.00	0.00



Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 25	TSL Permittivity	39.7
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.77	Test Distance [mm]	5.00

Hardware Setup

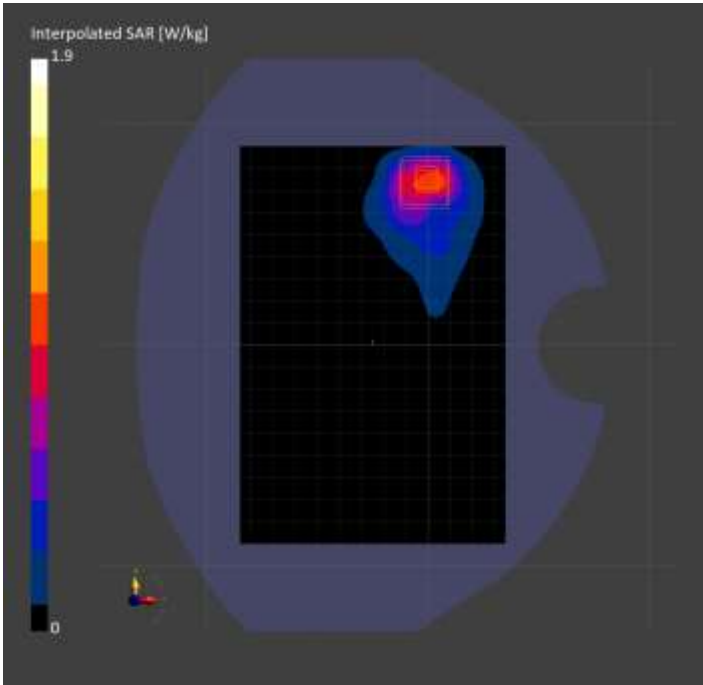
Probe Calibration Date	EX3DV4 - SN7810 (Sensor X Disabled) 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.2 x 34.2 x 31.2
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 [%]		77.3
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.90, -0.6, 75.6, -202.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.848	0.847
psSAR10g [W/Kg]	0.445	0.401
Power Drift [dB]	N/A	-0.01



Band 25: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 25	TSL Permittivity	41.5
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.77	Test Distance [mm]	5.00

Hardware Setup

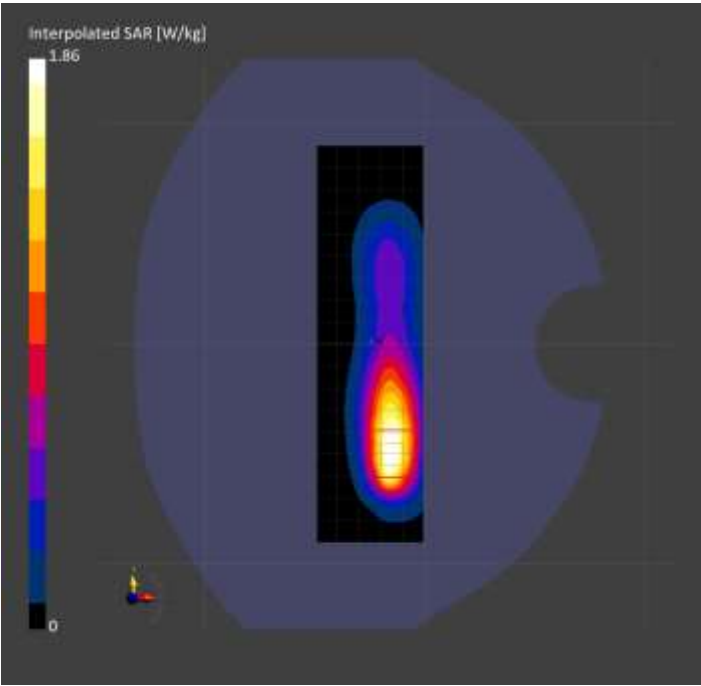
Probe Calibration Date	EX3DV4 - SN7810 (Sensor X Disabled) 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		83.1
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.86, -15.4, -49.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.970	0.997
psSAR10g [W/Kg]	0.502	0.504
Power Drift [dB]	N/A	-0.01



Band 25: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 25	TSL Permittivity	40.6
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.35
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.26	Test Distance [mm]	0.00

Hardware Setup

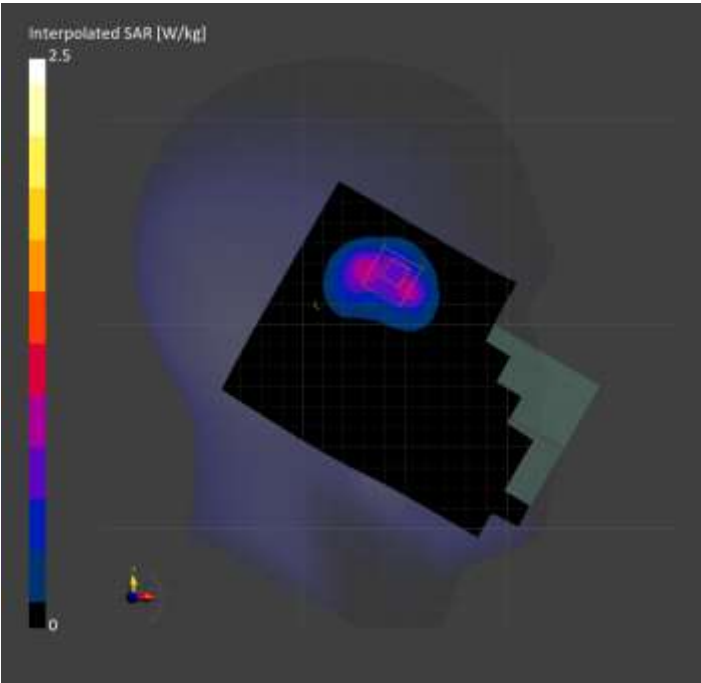
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.9 x 31.9 x 31.2
Grid Steps [mm]	15.0 x 15.0	2.9 x 2.9 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		4.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.50, 45.7, 325.9, -169.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.772	1.03
psSAR10g [W/Kg]	0.423	0.479
Power Drift [dB]	N/A	-0.01



Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 26	TSL Permittivity	44.5
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.925
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

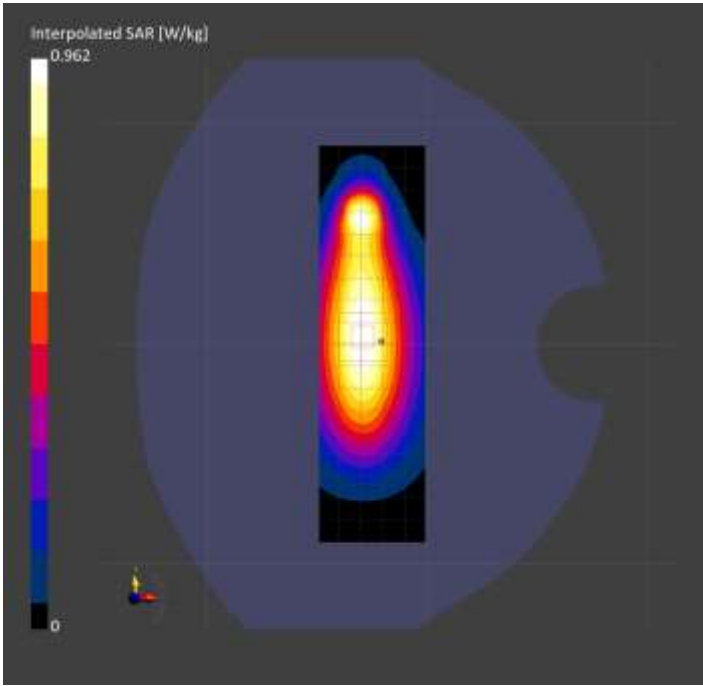
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		87.7
Dist 3dB Peak [mm]		19.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.962 [-29.9, 2.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.635	0.633
psSAR10g [W/Kg]	0.419	0.421
Power Drift [dB]	0.01	0.02



Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 26	TSL Permittivity	39.5
Frequency [MHz] Channel Number	844.000 26990	TSL Conductivity [S/m]	0.890
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00

Hardware Setup

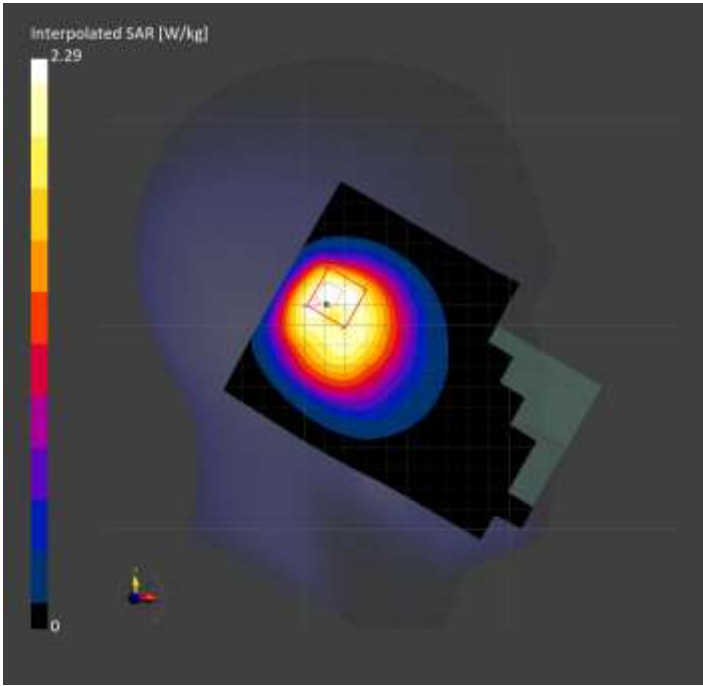
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		73.1
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.29, 11.3, 314.8, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.818	1.00
psSAR10g [W/Kg]	0.560	0.565
Power Drift [dB]	-0.04	-0.01



Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 26	TSL Permittivity	39.5
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.886
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.67	Test Distance [mm]	5.00

Hardware Setup

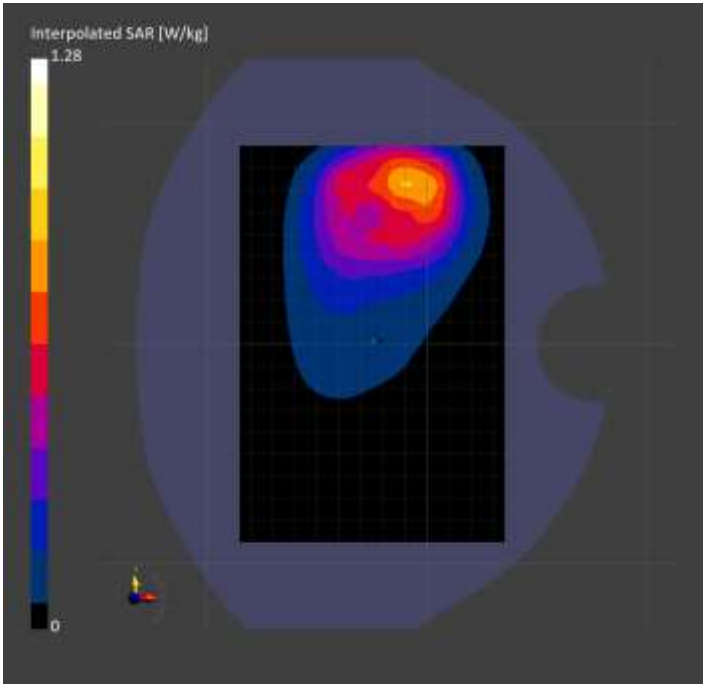
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		83.2
Dist 3dB Peak [mm]		11.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.28, -5.2, 76.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.723
psSAR10g [W/Kg]	0.482	0.412
Power Drift [dB]	-0.01	-0.02



Band 30: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 30	TSL Permittivity	38.6
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.67
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	6.83	Test Distance [mm]	5.00

Hardware Setup

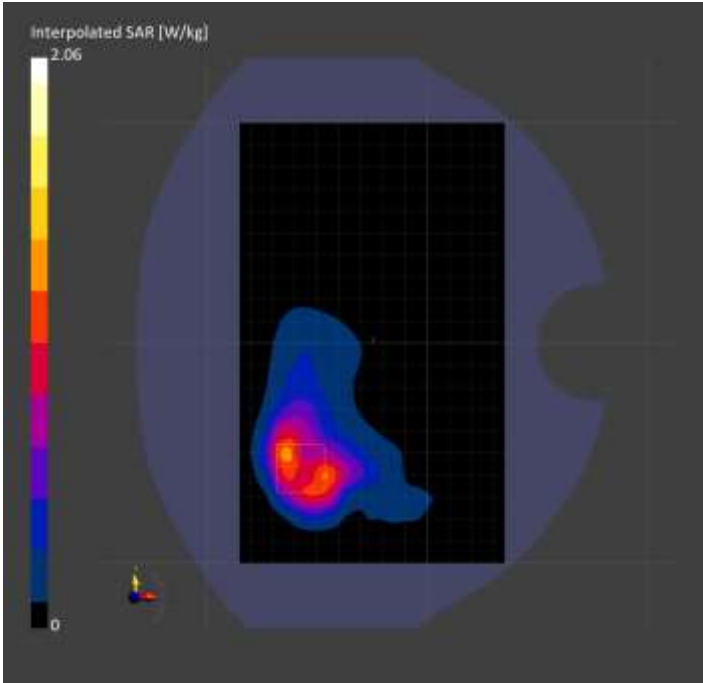
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.3
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.06, -63.4, -50.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.949	0.971
psSAR10g [W/Kg]	0.516	0.481
Power Drift [dB]	N/A	-0.01



Band 30: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 30	TSL Permittivity	38.6
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.67
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	6.83	Test Distance [mm]	5.00

Hardware Setup

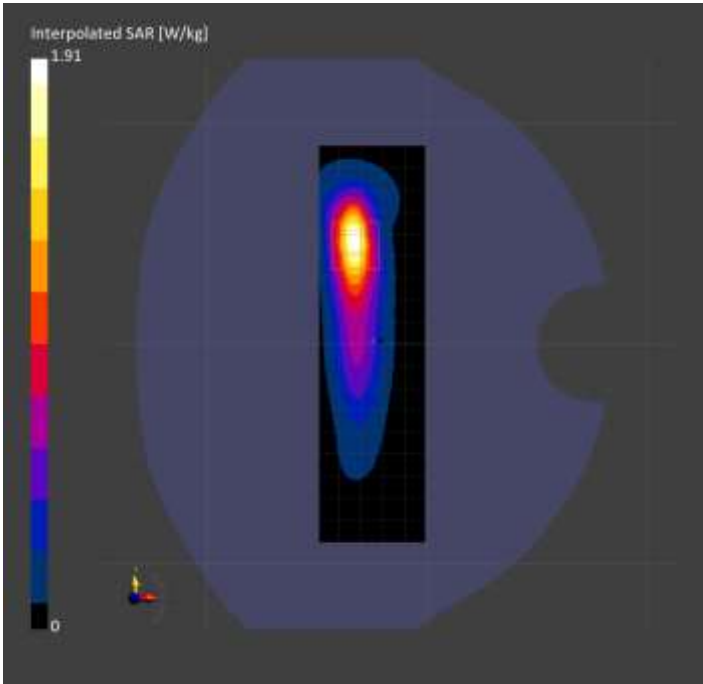
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.4
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.91, -32.6, 46.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.915	0.913
psSAR10g [W/Kg]	0.409	0.407
Power Drift [dB]	N/A	0.04



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 30	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.67
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.83	Test Distance [mm]	0.00

Hardware Setup

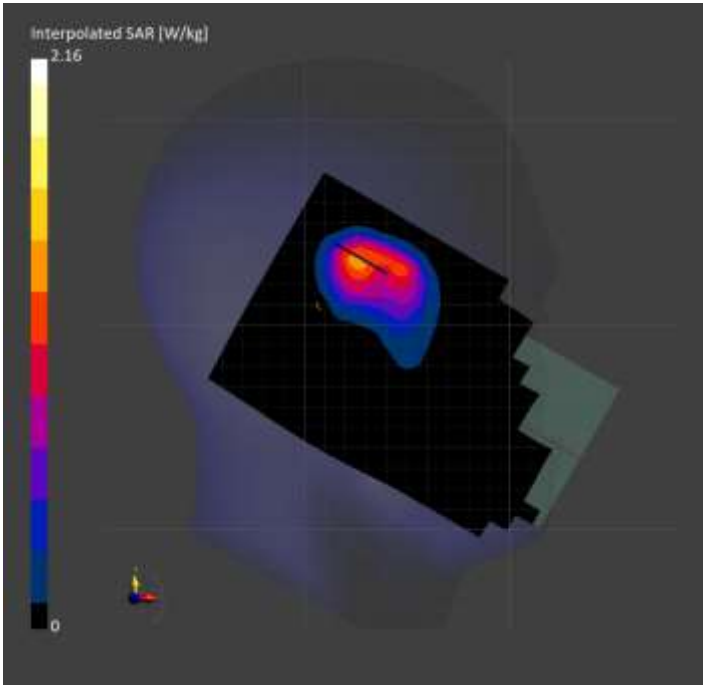
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 31.2
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 [%]		83.6
Dist 3dB Peak [mm]		6.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.14, 28.7, 331.8, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.05	1.05
psSAR10g [W/Kg]	0.554	0.554
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:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 41	TSL Permittivity	35.6
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.80
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.46	Test Distance [mm]	0.00

Hardware Setup

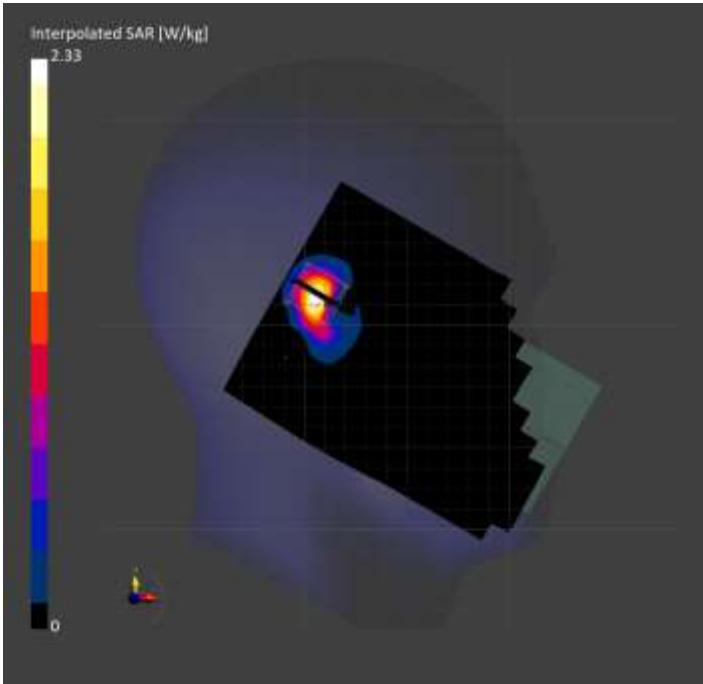
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.2 x 34.2 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.7
Dist 3dB Peak [mm]		4.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.33, 4.4, 315.5, -168.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.775	0.873
psSAR10g [W/Kg]	0.311	0.305
Power Drift [dB]	-0.04	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	37.7
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.88
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.46	Test Distance [mm]	5.00

Hardware Setup

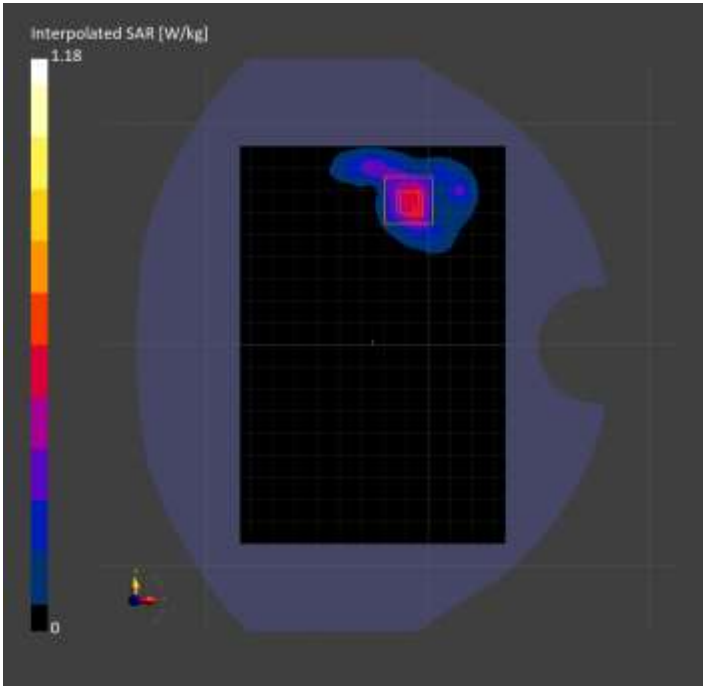
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		79.6
Dist 3dB Peak [mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.18, -8.9, 65.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.451	0.515
psSAR10g [W/Kg]	0.200	0.201
Power Drift [dB]	0.00	0.02



Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)

RBPosition:High AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 41	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2636.500 41055	TSL Conductivity [S/m]	1.88
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	5.00

Hardware Setup

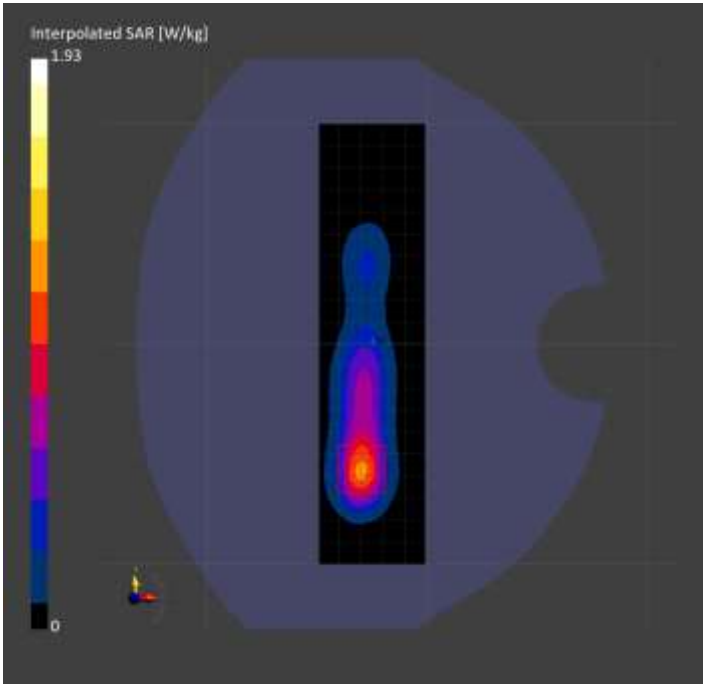
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 31.2
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 [%]		79.6
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.93, -29.7, -56.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.899	0.917
psSAR10g [W/Kg]	0.407	0.415
Power Drift [dB]	-0.00	0.00



Band 48: LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 48	TSL Permittivity	40.5
Frequency [MHz] Channel Number	3690.000 56640	TSL Conductivity [S/m]	2.88
Group UID	LTE-TDD 10512-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.14	Test Distance [mm]	5.00

Hardware Setup

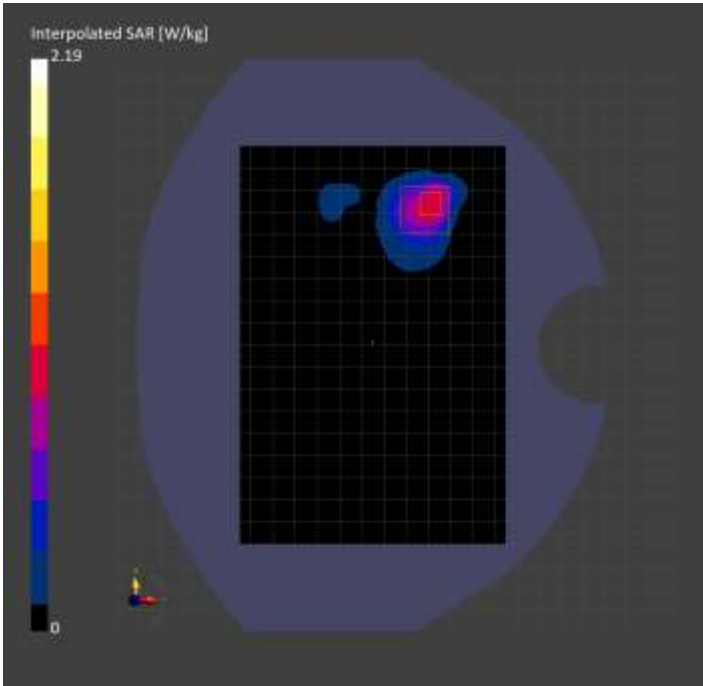
Probe Calibration Date	EX3DV4 - SN7463 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	40.0 x 40.0 x 29.1
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 [%]		78.8
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.19, 1.2, 63.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.800	0.882
psSAR10g [W/Kg]	0.335	0.357
Power Drift [dB]	N/A	0.07



Band 48: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)

RBPosition:High AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 48	TSL Permittivity	38.9
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.88
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.31	Test Distance [mm]	0.00

Hardware Setup

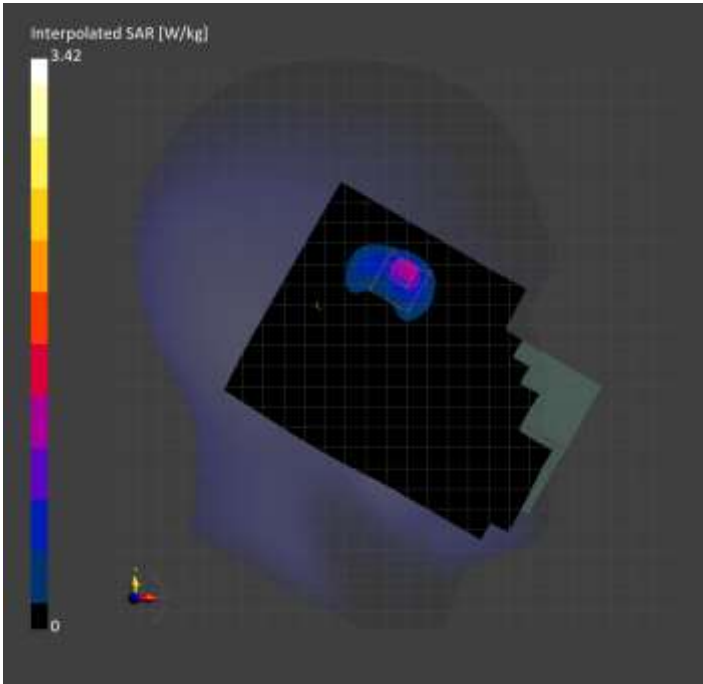
Probe Calibration Date	EX3DV4 - SN7808 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.8 x 30.8 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.4 x 4.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.8
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.42, 48.7, 325.7, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.922	1.06
psSAR10g [W/Kg]	0.349	0.378
Power Drift [dB]	N/A	-0.04



Band 48: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)

RBPosition:Low AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 48	TSL Permittivity	38.9
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.88
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.31	Test Distance [mm]	5.00

Hardware Setup

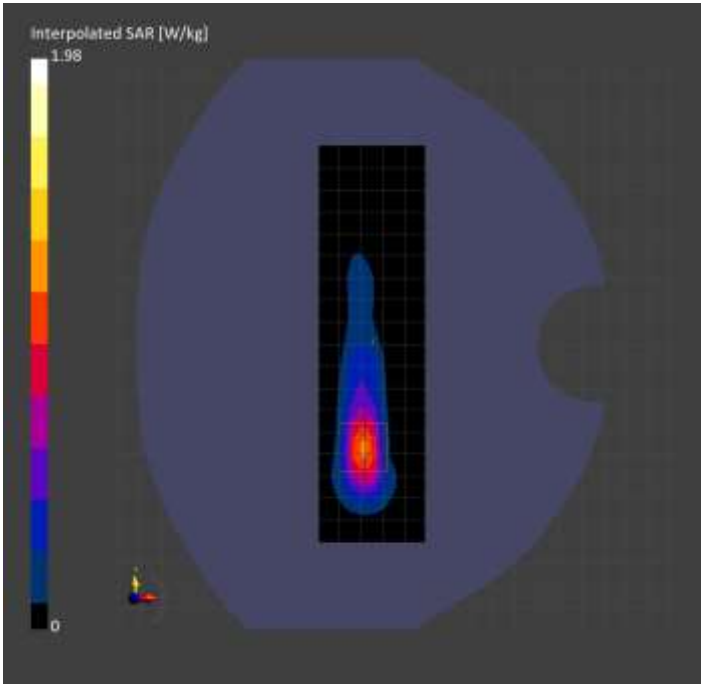
Probe Calibration Date	EX3DV4 - SN7808 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 29.1
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 [%]		79.4
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, -29.0, -47.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.862	0.791
psSAR10g [W/Kg]	0.334	0.294
Power Drift [dB]	N/A	0.01



Band 53: LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)

RBPosition:High AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 53	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.81
Group UID	LTE-TDD 10488-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

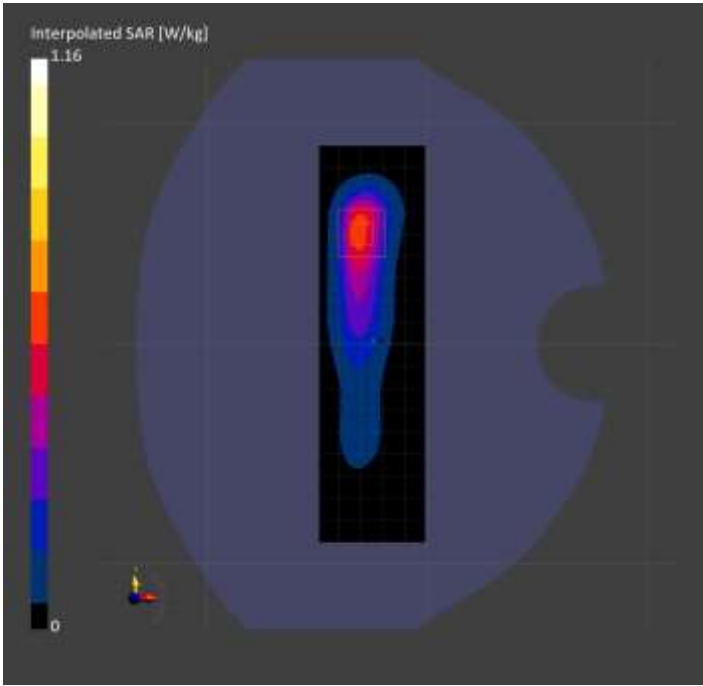
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
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]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.16, -29.7, 50.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.501	0.560
psSAR10g [W/Kg]	0.233	0.249
Power Drift [dB]	N/A	0.06



Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 53	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.69
Group UID	LTE-TDD 10237-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.18	Test Distance [mm]	0.00

Hardware Setup

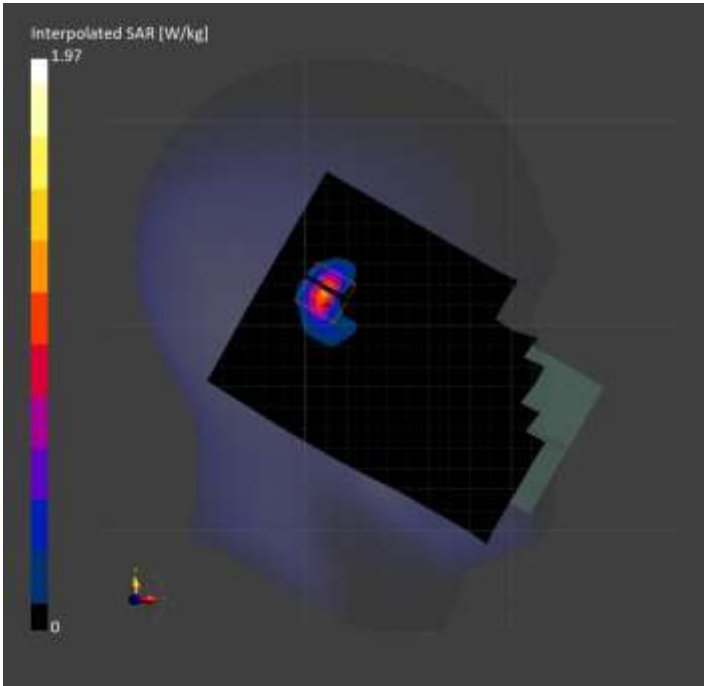
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	110.0 x 160.0	33.6 x 33.6 x 31.2
Grid Steps [mm]	10.0 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 [%]		80.1
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.97, 9.0, 317.0, -168.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.823	0.843
psSAR10g [W/Kg]	0.306	0.311
Power Drift [dB]	N/A	-0.17



Band 53: LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 53	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.69
Group UID	LTE-TDD 10252-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

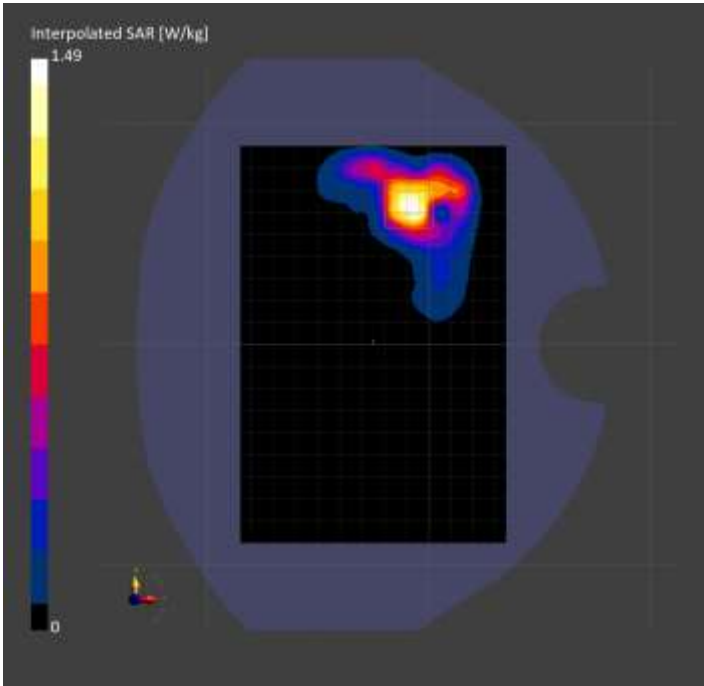
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		82.7
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, -8.9, 63.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.684
psSAR10g [W/Kg]	0.283	0.272
Power Drift [dB]	N/A	0.03



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 66	TSL Permittivity	40.1
Frequency [MHz] Channel Number	1720.000 132072	TSL Conductivity [S/m]	1.26
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.95	Test Distance [mm]	0.00

Hardware Setup

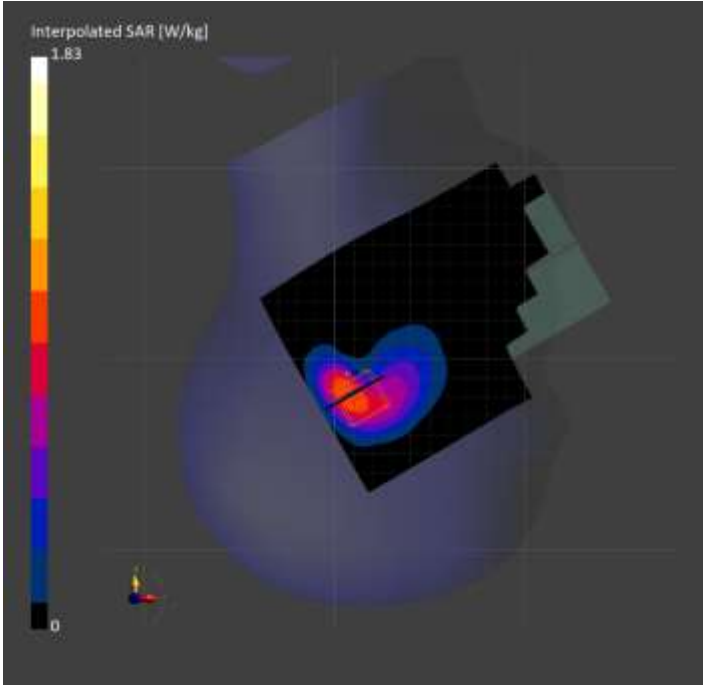
Probe Calibration Date	EX3DV4 - SN7810 (Sensor X Disabled) 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
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 [%]		79.8
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.83, 10.1, -320.3, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.869	0.918
psSAR10g [W/Kg]	0.484	0.493
Power Drift [dB]	N/A	0.08



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

Exposure Conditions

Band	Band 66	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1720.000 132072	TSL Conductivity [S/m]	1.26
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

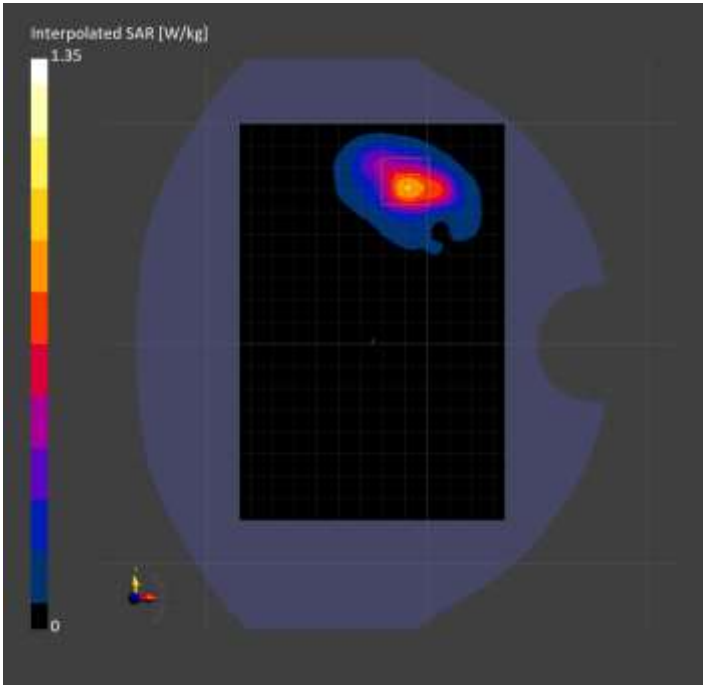
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.1
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.35, -8.6, 72.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.715	0.721
psSAR10g [W/Kg]	0.370	0.374
Power Drift [dB]	-0.03	-0.01



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band 66	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1720.000 132072	TSL Conductivity [S/m]	1.28
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.95	Test Distance [mm]	5.00

Hardware Setup

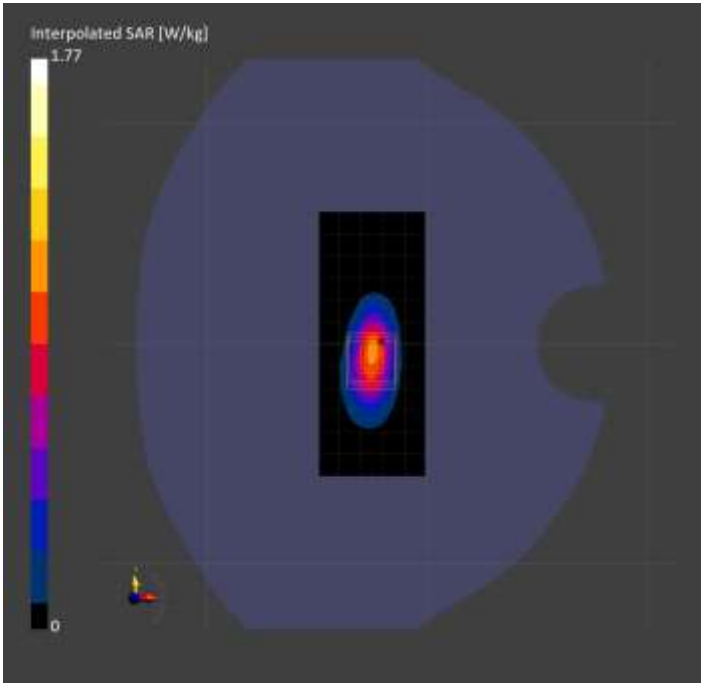
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.0 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 [%]		79.3
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.78, -24.9, -6.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.844	0.843
psSAR10g [W/Kg]	0.399	0.401
Power Drift [dB]	N/A	0.01



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 71	TSL Permittivity	40.8
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.879
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

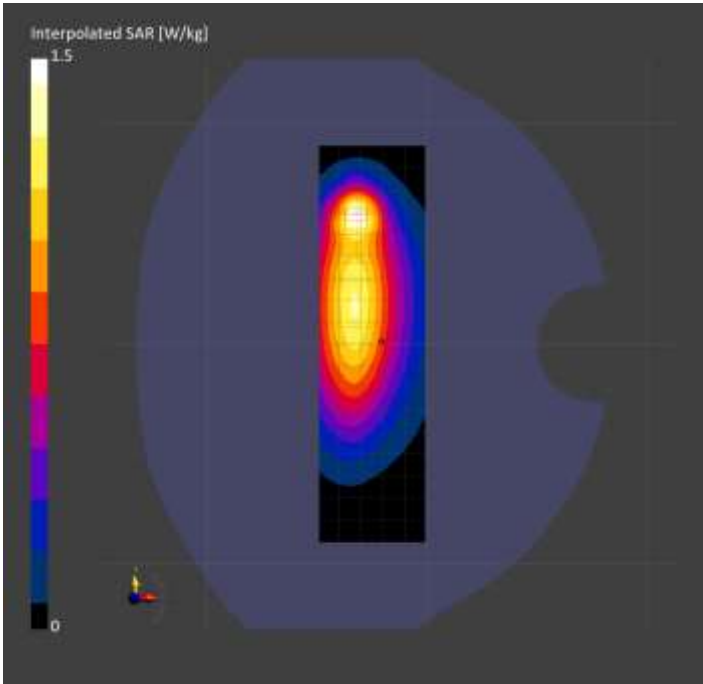
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		68.4
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.51 -32.0, 60.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.592	0.599
psSAR10g [W/Kg]	0.366	0.329
Power Drift [dB]	-0.04	-0.16



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 71	TSL Permittivity	40.6
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.863
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.23	Test Distance [mm]	0.00

Hardware Setup

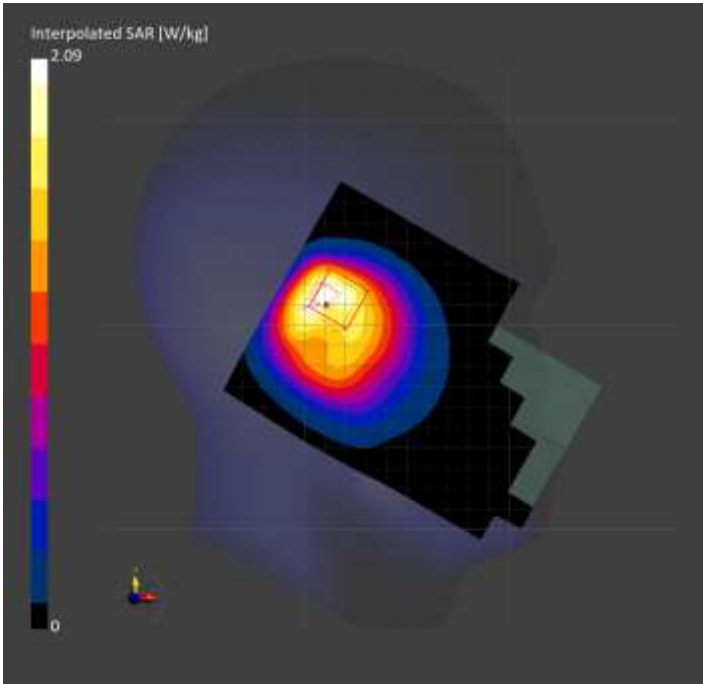
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.8 x 31.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		65.8
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.09, 10.4, 313.6, -168.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.548	0.718
psSAR10g [W/Kg]	0.369	0.374
Power Drift [dB]	-0.07	0.05



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 71	TSL Permittivity	42.0
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.831
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

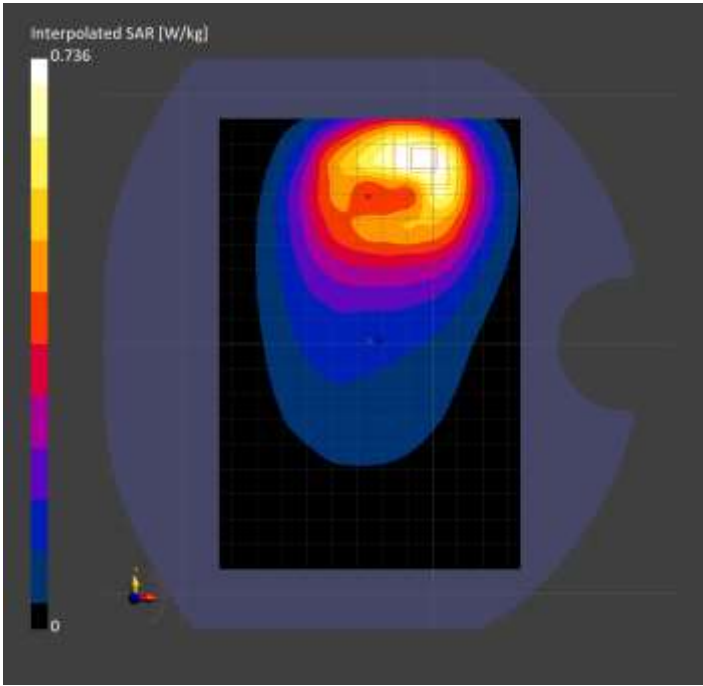
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.1
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.736, -3.2, 75.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.392	0.381
psSAR10g [W/Kg]	0.257	0.211
Power Drift [dB]	0.02	0.01



Band n5: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n5	TSL Permittivity	42.4
Frequency [MHz] Channel Number	834.000 166800	TSL Conductivity [S/m]	0.893
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

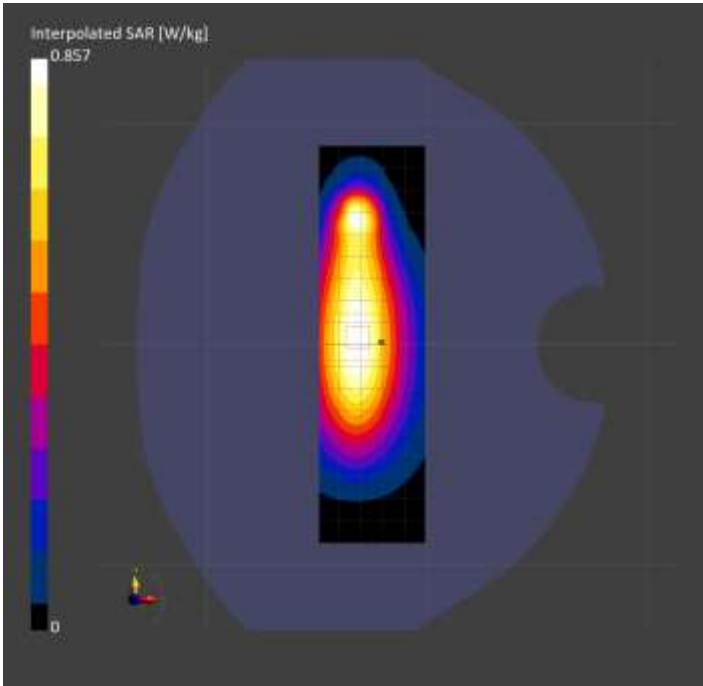
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		87.5
Dist 3dB Peak [mm]		19.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.857, -31.7, 3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.561	0.566
psSAR10g [W/Kg]	0.371	0.382
Power Drift [dB]	0.00	-0.01



Band n5: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	834.000 166800	TSL Conductivity [S/m]	0.882
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.51	Test Distance [mm]	0.00

Hardware Setup

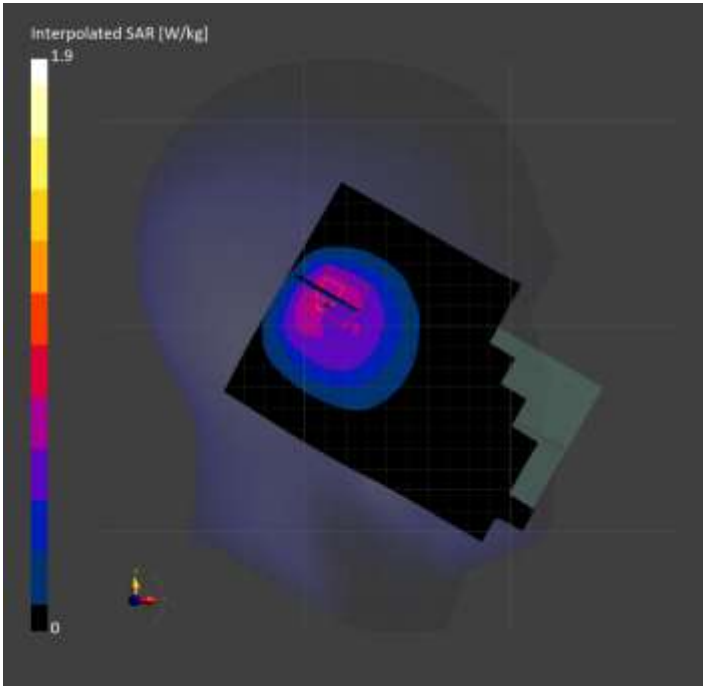
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
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 [%]		69.7
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.90, 11.5, 316.7, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.668	0.773
psSAR10g [W/Kg]	0.441	0.442
Power Drift [dB]	-0.01	0.01



Band n5: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	834.000 166800	TSL Conductivity [S/m]	0.882
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

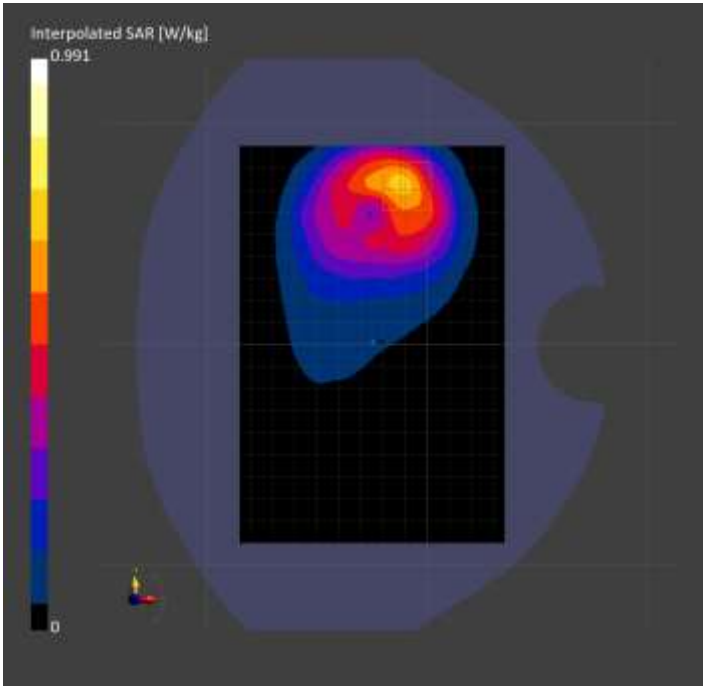
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		82.4
Dist 3dB Peak [mm]		11.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.991, -12.6, 75.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.593	0.557
psSAR10g [W/Kg]	0.379	0.323
Power Drift [dB]	-0.01	-0.01



Band n7: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:High
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n7	TSL Permittivity	40.2
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

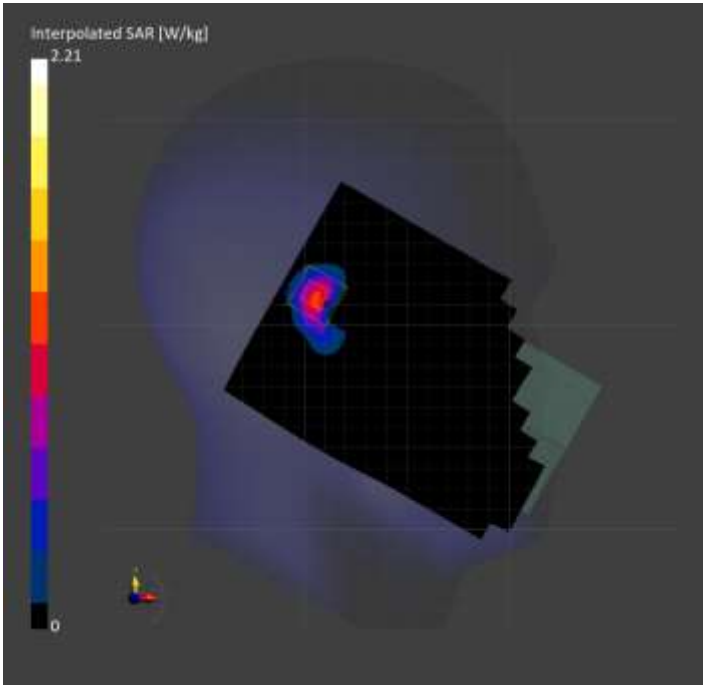
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.6 x 33.6 x 31.2
Grid Steps [mm]	10.0 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 [%]		79.2
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.21, 4.3, 314.6, -167.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.864	0.923
psSAR10g [W/Kg]	0.344	0.339
Power Drift [dB]	0.01	-0.01



Band n7: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:High
AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n7	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	5.00

Hardware Setup

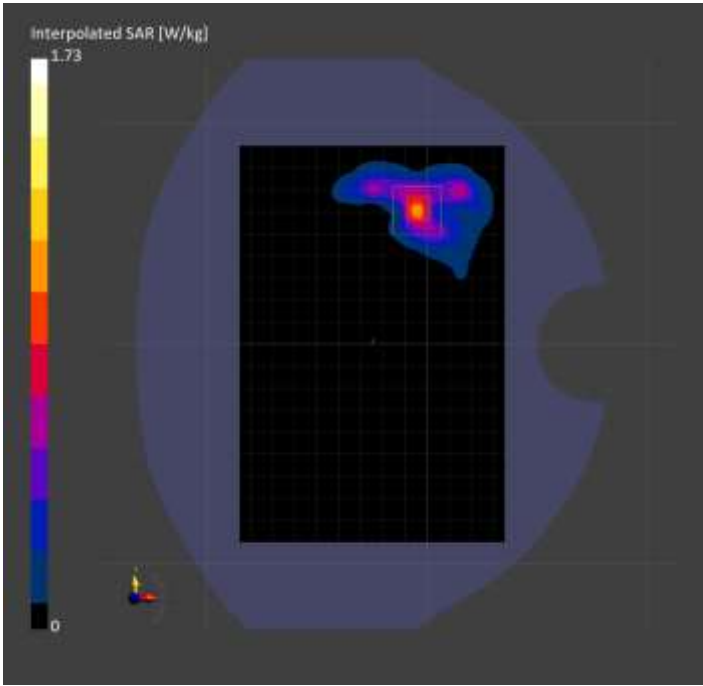
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.73, -3.8, 61.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.721	0.772
psSAR10g [W/Kg]	0.307	0.305
Power Drift [dB]	N/A	-0.06



Band n7: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band n7	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.93
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.03	Test Distance [mm]	5.00

Hardware Setup

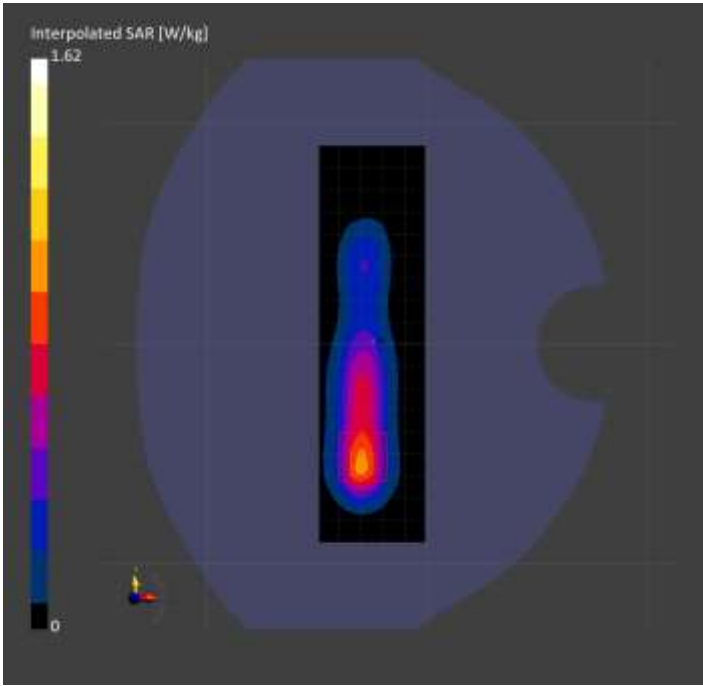
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.1
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.62, -29.8, -54.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.769	0.774
psSAR10g [W/Kg]	0.360	0.354
Power Drift [dB]	-0.02	-0.02



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

Exposure Conditions

Band	Band n12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.919
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

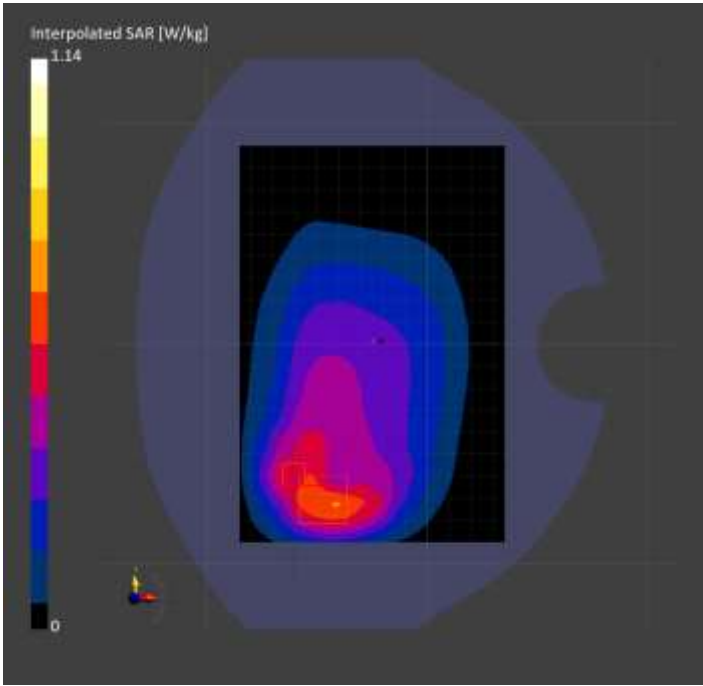
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		76.9
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.14 -60.4, -59.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.564	0.552
psSAR10g [W/Kg]	0.373	0.327
Power Drift [dB]	-0.00	0.00



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.919
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

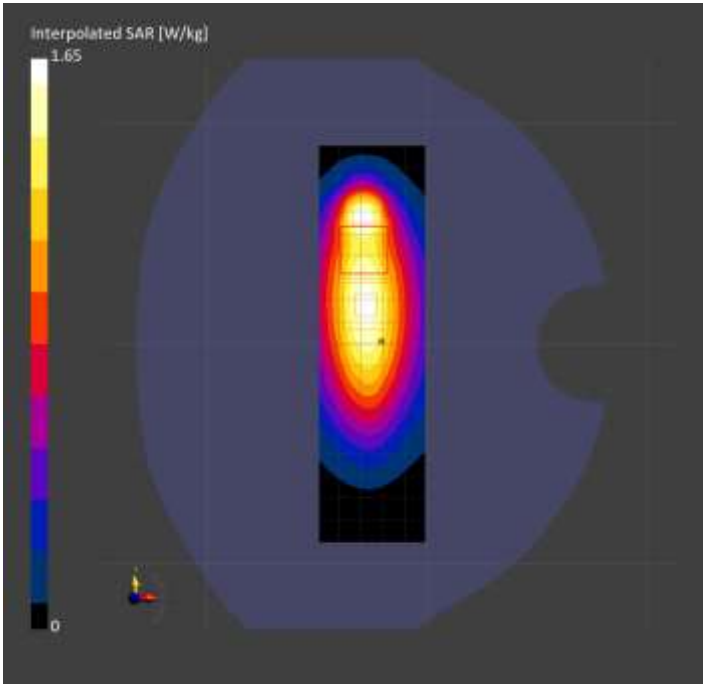
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		76.2
Dist 3dB Peak [mm]		8.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.65 -29.0, 59.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.783	0.740
psSAR10g [W/Kg]	0.527	0.465
Power Drift [dB]	0.00	-0.01



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	40.0
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.843
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.23	Test Distance [mm]	0.00

Hardware Setup

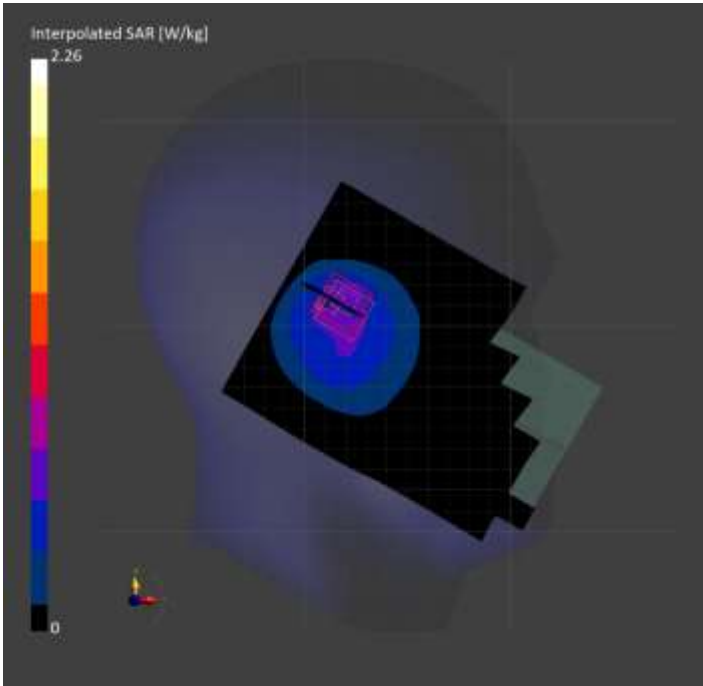
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.0 x 33.0 x 31.2
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 [%]		66.3
Dist 3dB Peak [mm]		6.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.26, 12.0, 312.3, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.610	0.781
psSAR10g [W/Kg]	0.412	0.414
Power Drift [dB]	0.04	-0.00



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n14	TSL Permittivity	40.4
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.917
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

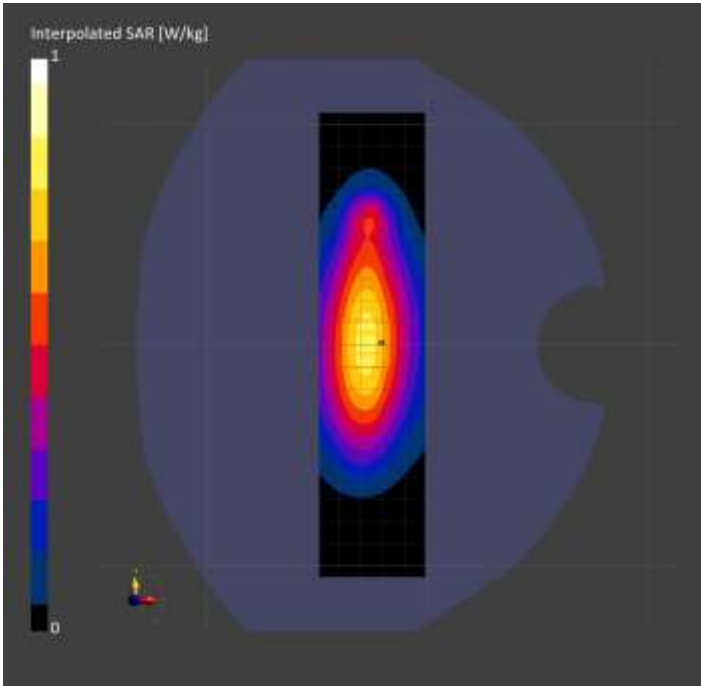
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

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 [%]		89.0
Dist 3dB Peak [mm]		19.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.00 -27.8, 1.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.699	0.678
psSAR10g [W/Kg]	0.461	0.445
Power Drift [dB]	-0.03	-0.01



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n14	TSL Permittivity	44.0
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.849
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	10.3	Test Distance [mm]	0.00

Hardware Setup

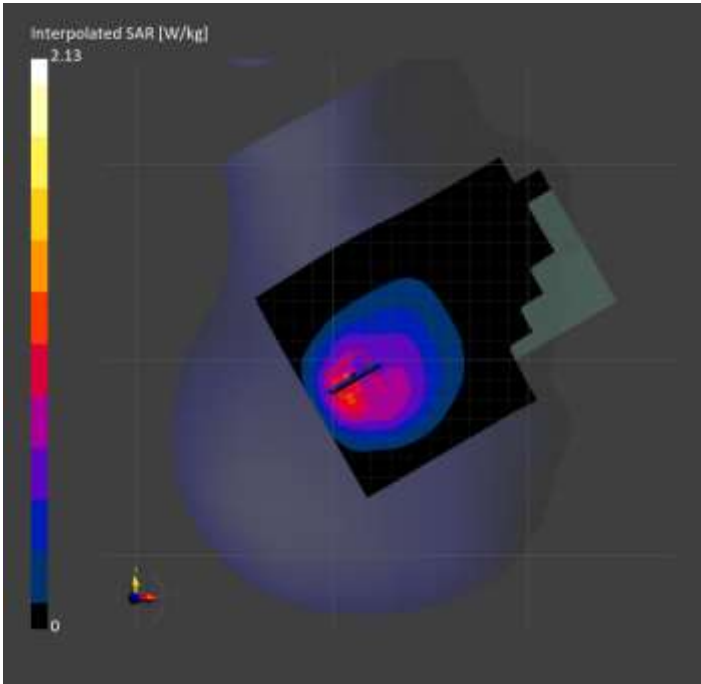
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		73.8
Dist 3dB Peak [mm]		8.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.13, 6.8, -312.7, -168.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.906	0.932
psSAR10g [W/Kg]	0.577	0.518
Power Drift [dB]	-0.05	0.03



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	41.5
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.872
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

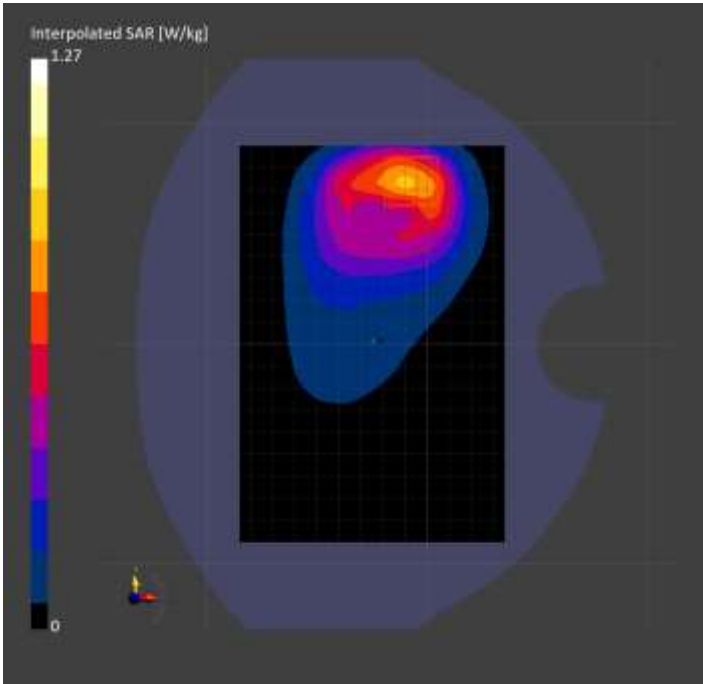
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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]		10.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.27, -5.1, 75.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.737	0.704
psSAR10g [W/Kg]	0.475	0.391
Power Drift [dB]	-0.07	-0.04



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n25	TSL Permittivity	40.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.35
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	5.00

Hardware Setup

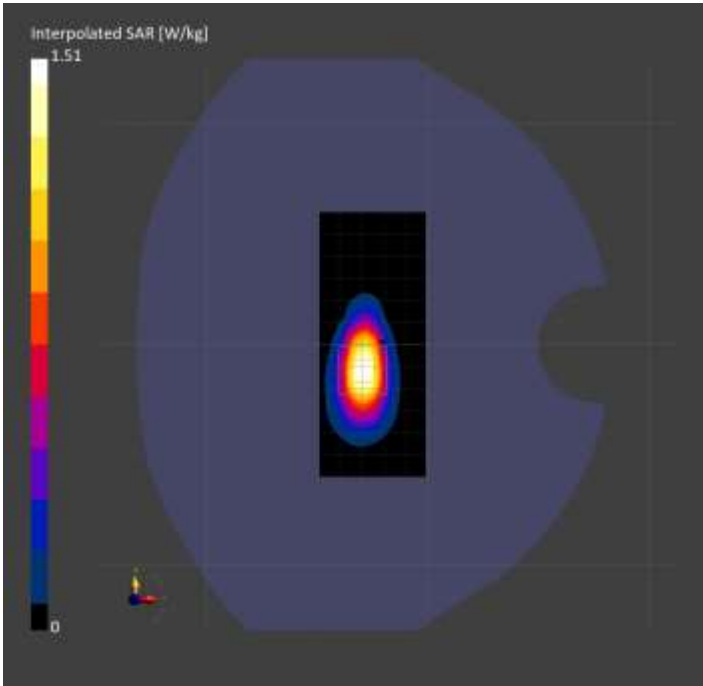
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DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
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]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.51, -29.4, -11.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.745	0.761
psSAR10g [W/Kg]	0.357	0.355
Power Drift [dB]	N/A	-0.05



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n25	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.47
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.77	Test Distance [mm]	0.00

Hardware Setup

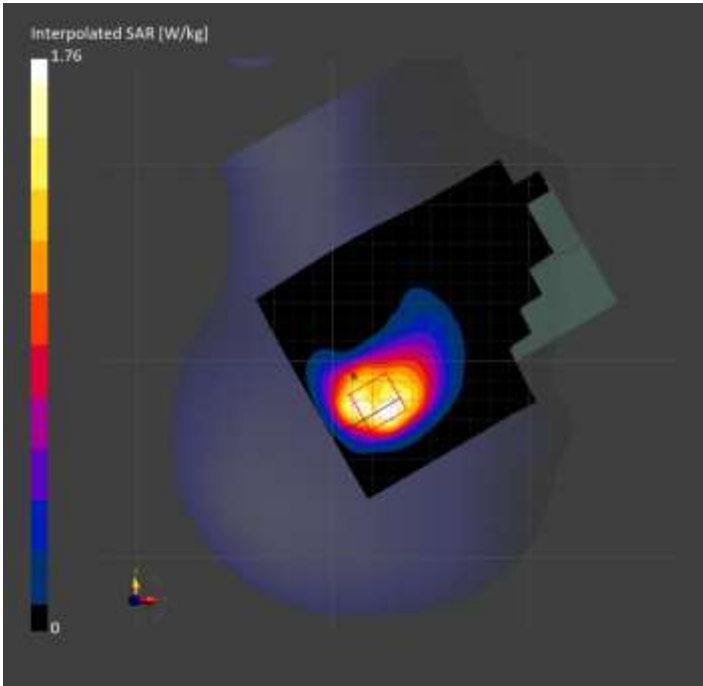
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.2 x 34.2 x 31.2
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 [%]		72.0
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, 15.0, -324.8, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.746
psSAR10g [W/Kg]	0.428	0.412
Power Drift [dB]	N/A	-0.02



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n25	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.36
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.77	Test Distance [mm]	5.00

Hardware Setup

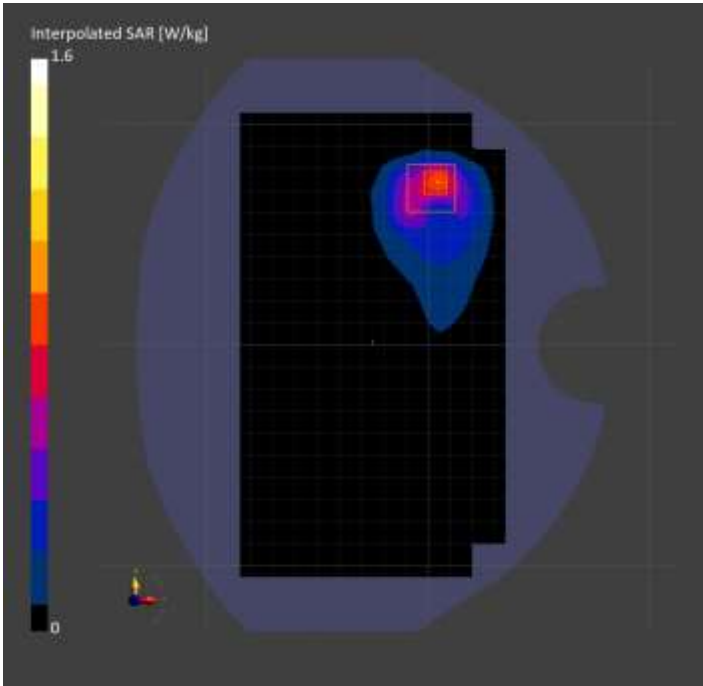
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 31.2
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]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.60, 3.2, 72.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.680	0.746
psSAR10g [W/Kg]	0.341	0.356
Power Drift [dB]	N/A	-0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n26	TSL Permittivity	44.0
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.889
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

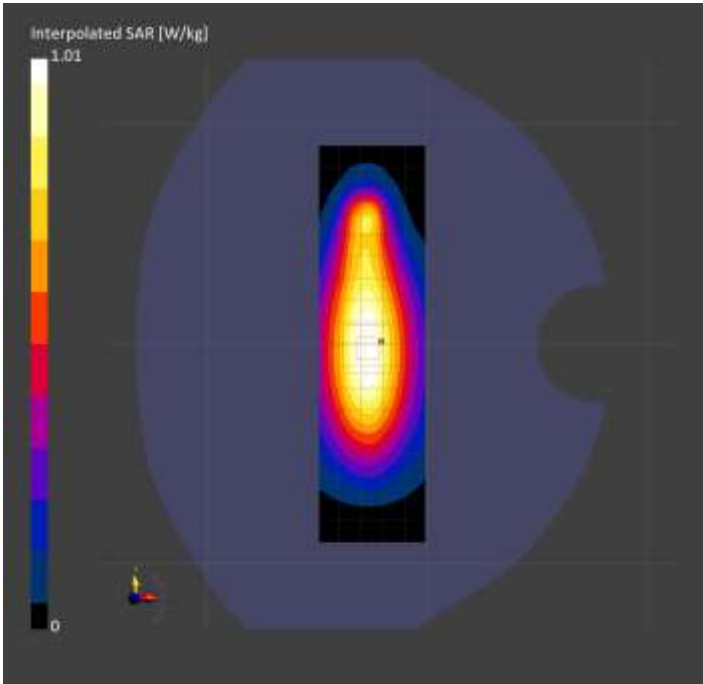
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		87.7
Dist 3dB Peak [mm]		20.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.01, -27.2, -2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.666	0.665
psSAR10g [W/Kg]	0.441	0.444
Power Drift [dB]	0.00	-0.02



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n26	TSL Permittivity	40.9
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.882
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.51	Test Distance [mm]	0.00

Hardware Setup

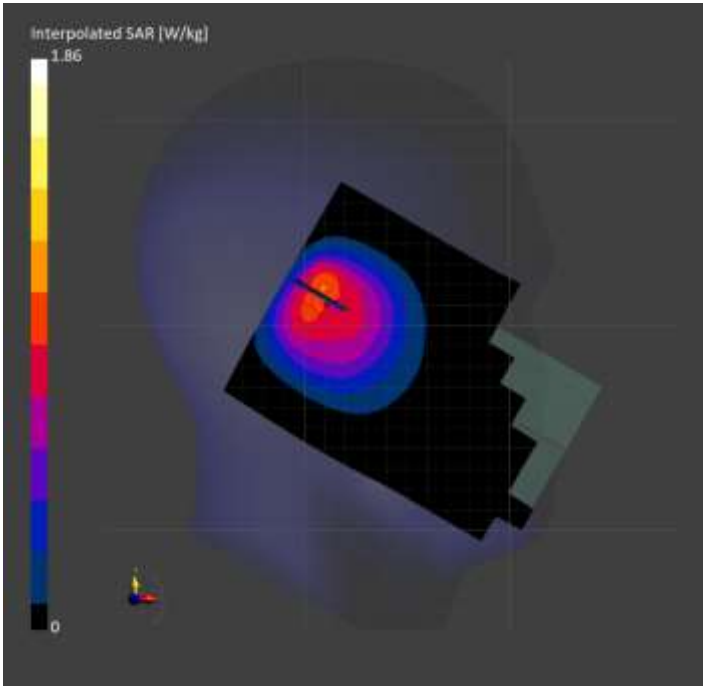
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.1
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.86, 9.1, 318.0, -168.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.919	0.888
psSAR10g [W/Kg]	0.602	0.531
Power Drift [dB]	-0.07	-0.07



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

Exposure Conditions

Band	Band n26	TSL Permittivity	40.9
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.882
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.51	Test Distance [mm]	5.00

Hardware Setup

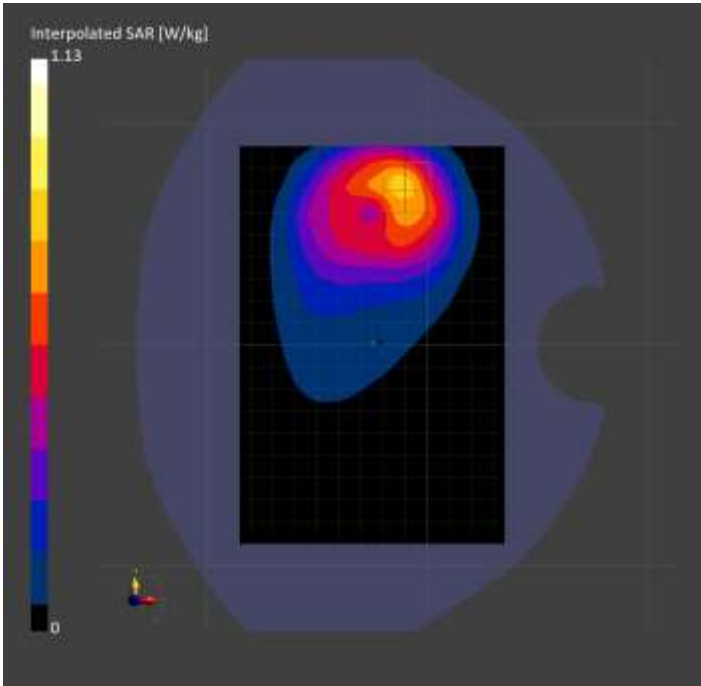
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.13, -11.3, 75.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.691	0.644
psSAR10g [W/Kg]	0.448	0.384
Power Drift [dB]	-0.02	-0.02



Band n30: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n30	TSL Permittivity	38.6
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.67
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.83	Test Distance [mm]	5.00

Hardware Setup

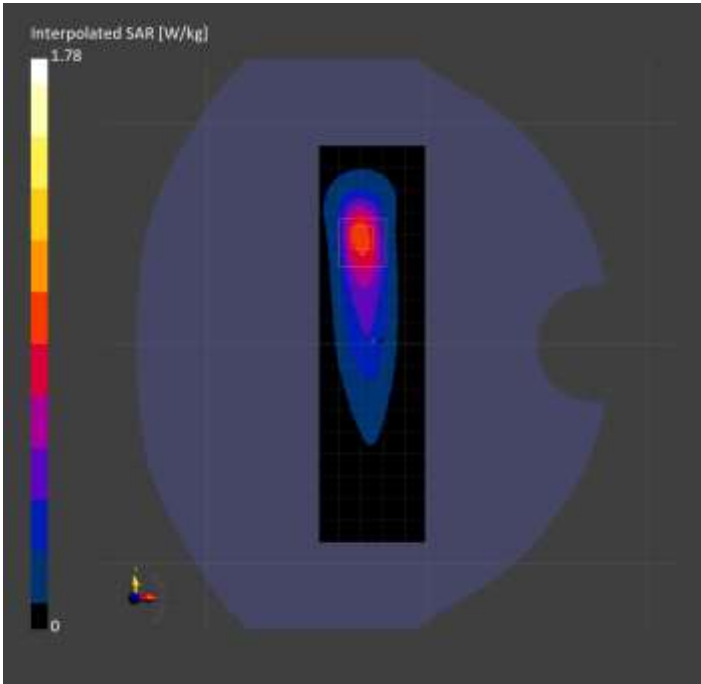
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.78, -29.7, 48.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.777	0.844
psSAR10g [W/Kg]	0.363	0.375
Power Drift [dB]	N/A	-0.05



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n30	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.67
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.83	Test Distance [mm]	5.00

Hardware Setup

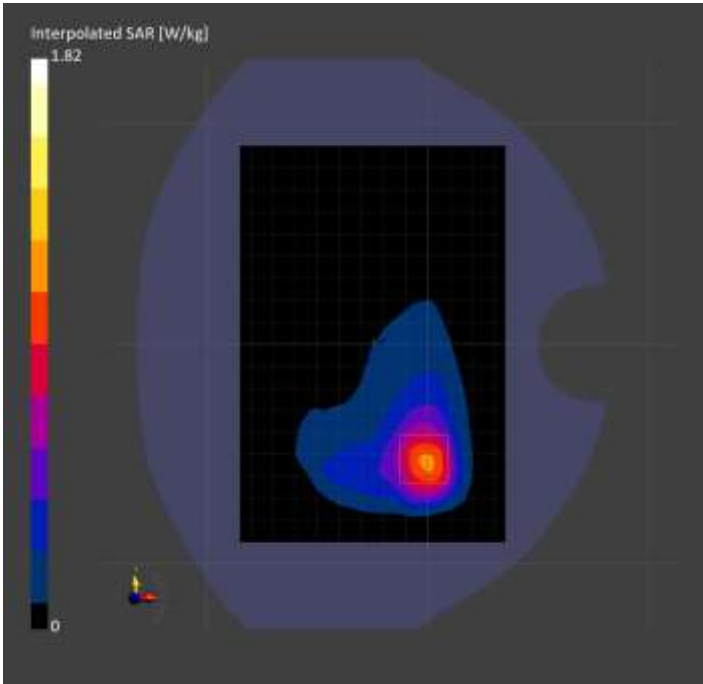
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		83.4
Dist 3dB Peak [mm]		10.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.82, 0.0, -53.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.894	0.965
psSAR10g [W/Kg]	0.466	0.472
Power Drift [dB]	N/A	-0.05



Band n30: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, $\pi/2$ BPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n30	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.67
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.83	Test Distance [mm]	0.00

Hardware Setup

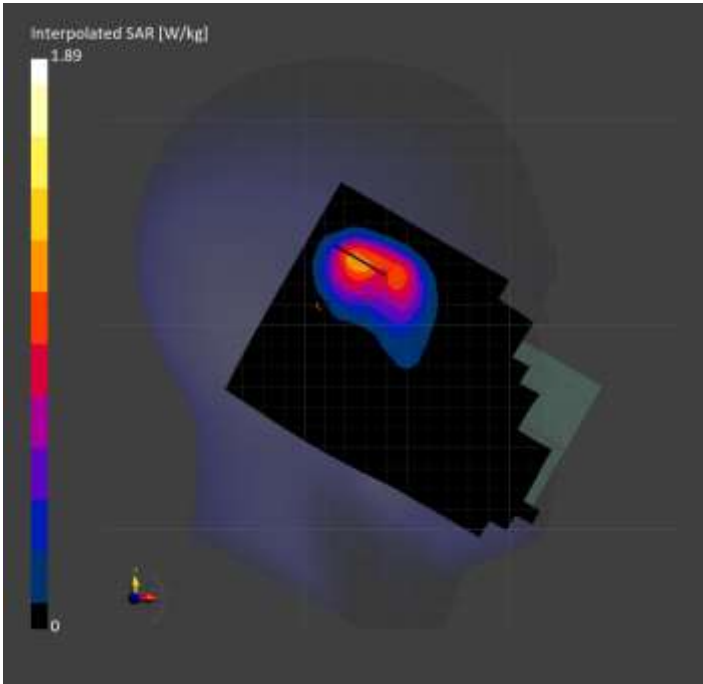
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.89, 28.7, 331.8, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.934	0.934
psSAR10g [W/Kg]	0.492	0.481
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, FRONT

Exposure Conditions

Band	Band n41	TSL Permittivity	40.1
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.91
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.46	Test Distance [mm]	5.00

Hardware Setup

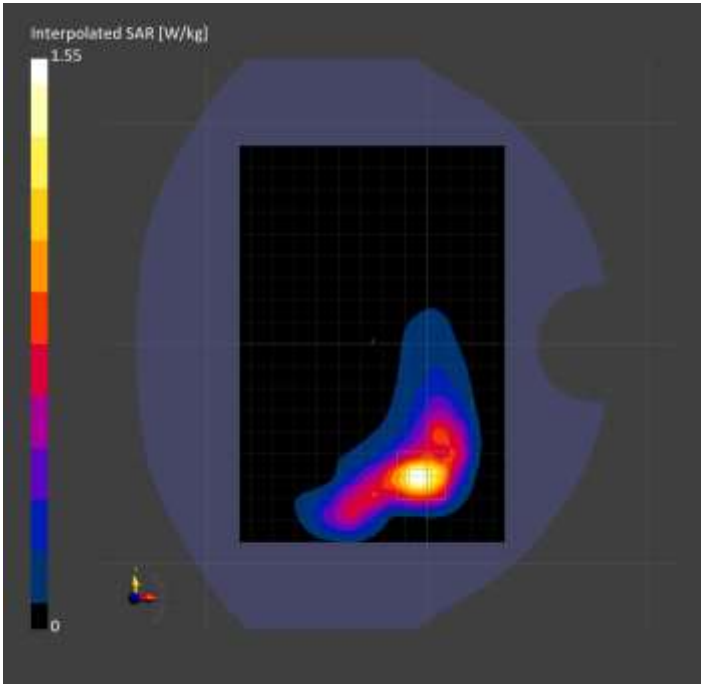
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.8
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.55, -3.1, -62.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.657	0.690
psSAR10g [W/Kg]	0.296	0.292
Power Drift [dB]	N/A	0.02



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	40.1
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.91
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.46	Test Distance [mm]	5.00

Hardware Setup

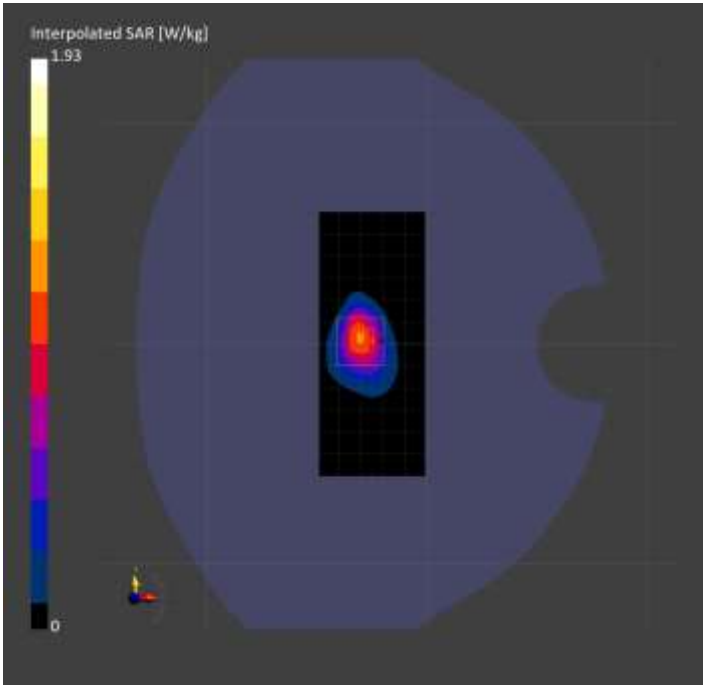
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
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 [%]		79.7
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.92, -29.8, 2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.864	0.881
psSAR10g [W/Kg]	0.370	0.374
Power Drift [dB]	N/A	0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n41	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.85
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

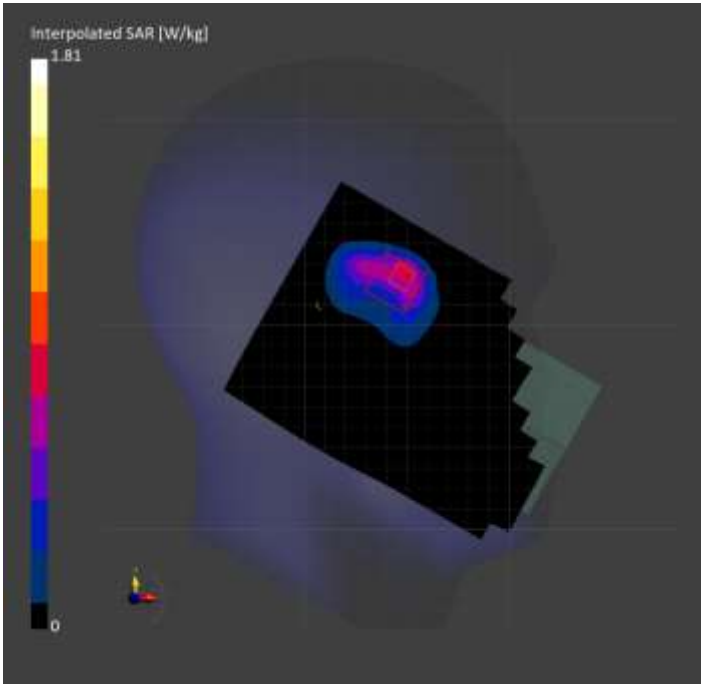
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.81, 48.0, 324.0, -169.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.625	0.703
psSAR10g [W/Kg]	0.300	0.315
Power Drift [dB]	-0.02	-0.02



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

Exposure Conditions

Band	Band n48	TSL Permittivity	40.8
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.82
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

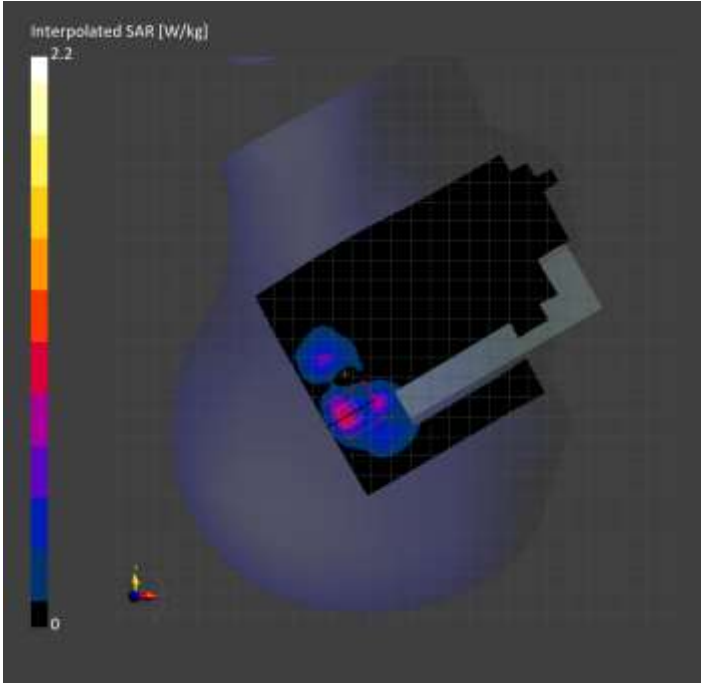
Probe Calibration Date	EX3DV4 - SN3989 (Sensor X Disabled) 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.2 x 28.2 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.5
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.20, 8.0, -328.6, -168.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.654	0.786
psSAR10g [W/Kg]	0.247	0.292
Power Drift [dB]	-0.00	-0.04



Band n48: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, $\pi/2$ BPSK, 30 kHz)

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	40.5
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.84
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.14	Test Distance [mm]	5.00

Hardware Setup

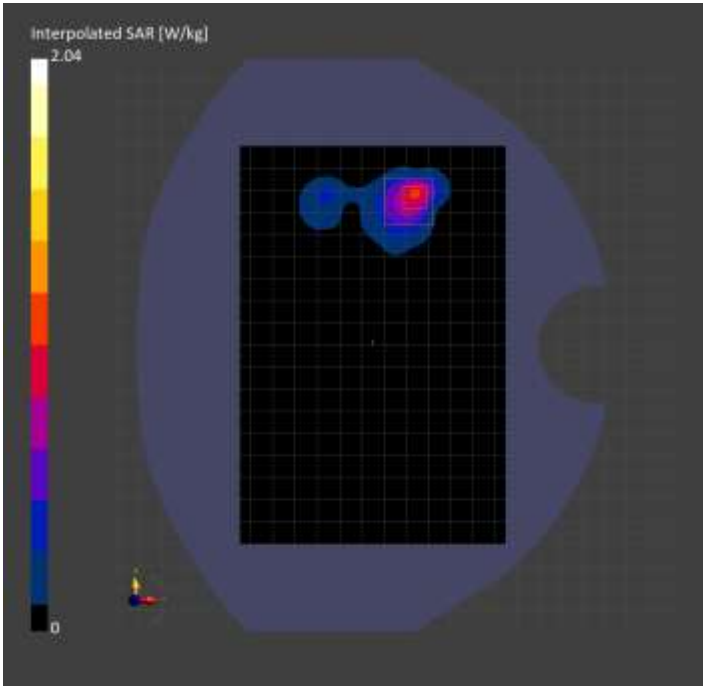
Probe Calibration Date	EX3DV4 - SN7463 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 29.1
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 [%]		78.1
Dist 3dB Peak [mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.04, -6.1, 66.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.736	0.784
psSAR10g [W/Kg]	0.285	0.306
Power Drift [dB]	N/A	-0.04



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

AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band n48	TSL Permittivity	38.7
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.96
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.32	Test Distance [mm]	5.00

Hardware Setup

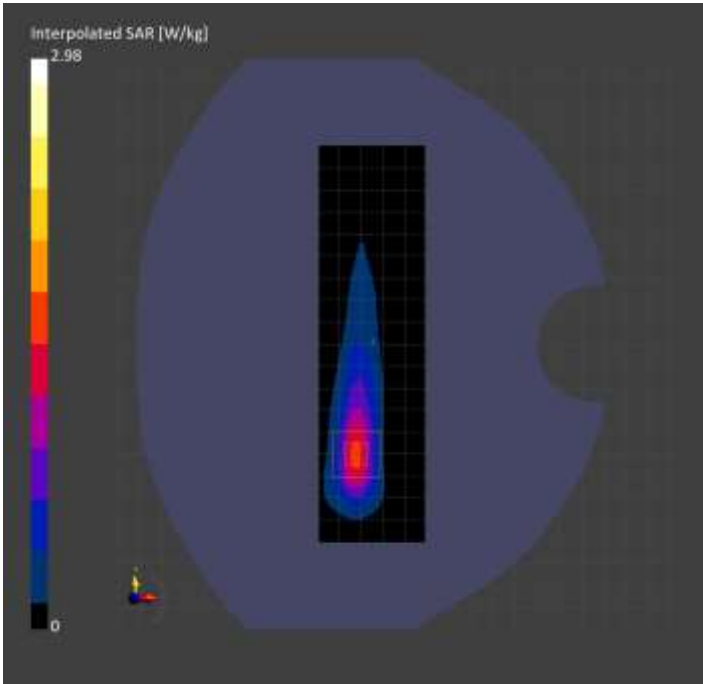
Probe Calibration Date	EX3DV4 - SN7808 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 29.1
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 [%]		76.6
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.99, -32.2, -50.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.13	1.15
psSAR10g [W/Kg]	0.434	0.436
Power Drift [dB]	0.02	-0.00



Band n53: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) RBPosition: Low

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n53	TSL Permittivity	42.0
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 TDD 10908-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	6.75	Test Distance [mm]	5.00

Hardware Setup

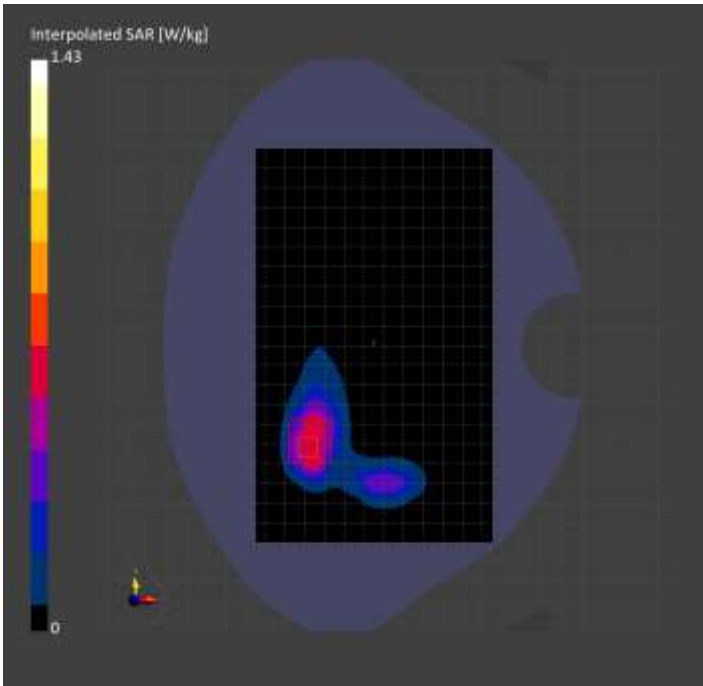
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DAE Calibration Date	DAE4 Sn1796 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.9
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.43, -58.6, -51.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.556	0.633
psSAR10g [W/Kg]	0.284	0.300
Power Drift [dB]	0.03	-0.05



Band n53: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) RBPosition:Low

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n53	TSL Permittivity	42.0
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	6.75	Test Distance [mm]	5.00

Hardware Setup

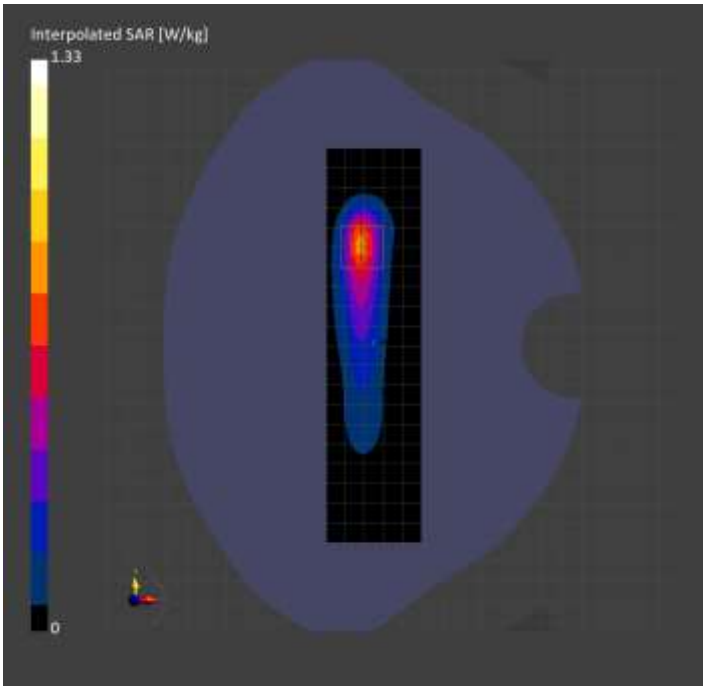
Probe Calibration Date	EX3DV4 - SN7463 (Sensor X Disabled) 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 31.2
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 [%]		79.1
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.33, -31.6, 51.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.612	0.626
psSAR10g [W/Kg]	0.272	0.285
Power Drift [dB]	0.02	-0.01



Band n53: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) RBPosition:Low

AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n53	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

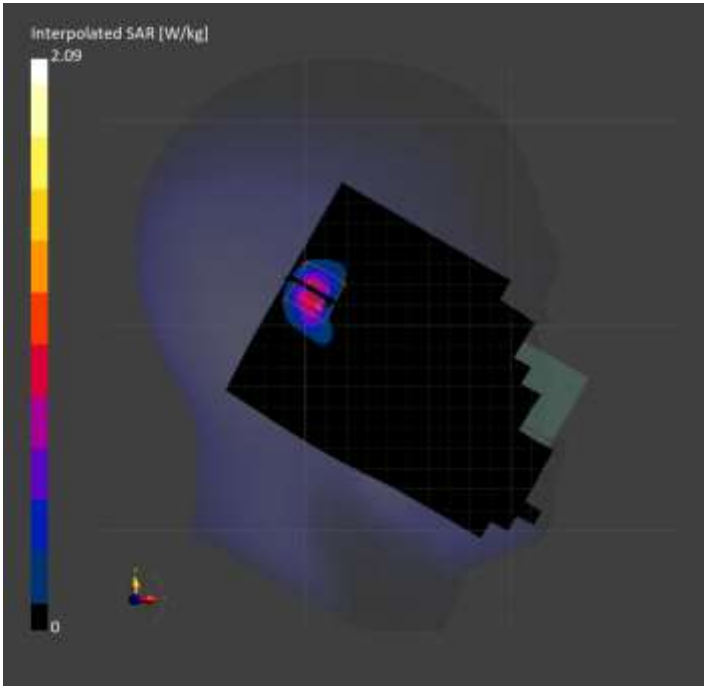
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.6 x 33.6 x 31.2
Grid Steps [mm]	10.0 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 [%]		77.5
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.09, 3.9, 315.4, -167.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.719	0.855
psSAR10g [W/Kg]	0.318	0.316
Power Drift [dB]	N/A	-0.01



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

AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n66	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.29
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.95	Test Distance [mm]	0.00

Hardware Setup

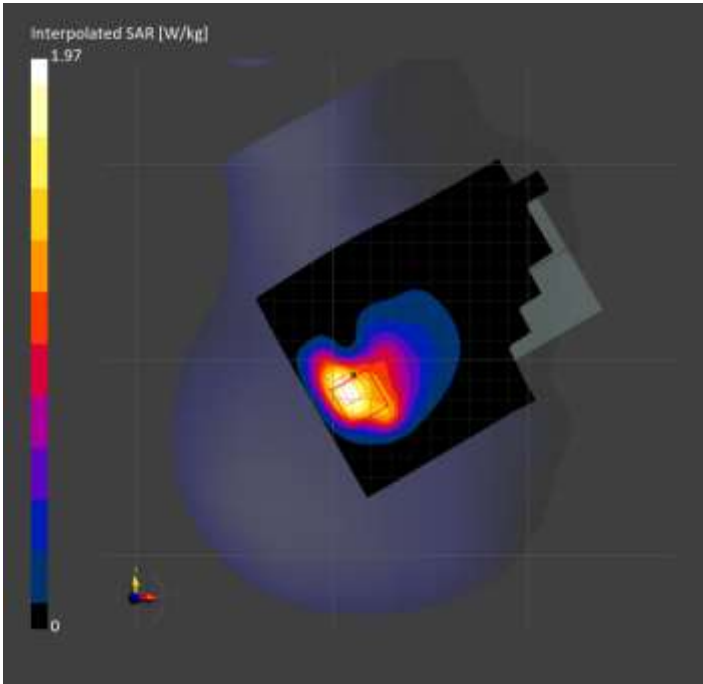
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.6 x 33.6 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.4
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.97, 10.5, -315.6, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.614	0.785
psSAR10g [W/Kg]	0.342	0.388
Power Drift [dB]	N/A	-0.01



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

AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band n66	TSL Permittivity	41.8
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	7.95	Test Distance [mm]	5.00

Hardware Setup

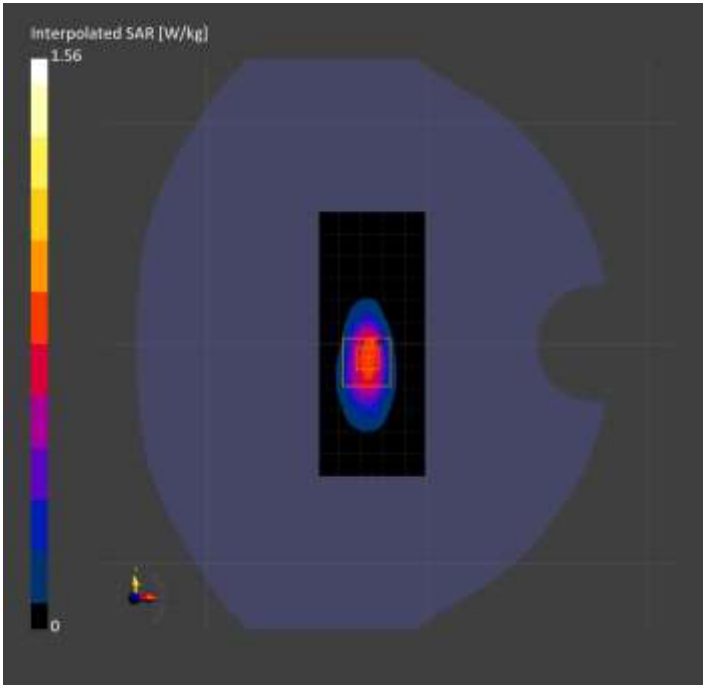
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	34.2 x 34.2 x 31.2
Grid Steps [mm]	8.0 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 [%]		78.6
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.56, -27.4, -6.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	0.717
psSAR10g [W/Kg]	0.329	0.331
Power Drift [dB]	N/A	-0.01



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

AntennaCfg:SISO, FRONT

Exposure Conditions

Band	Band n66	TSL Permittivity	39.9
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.35
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

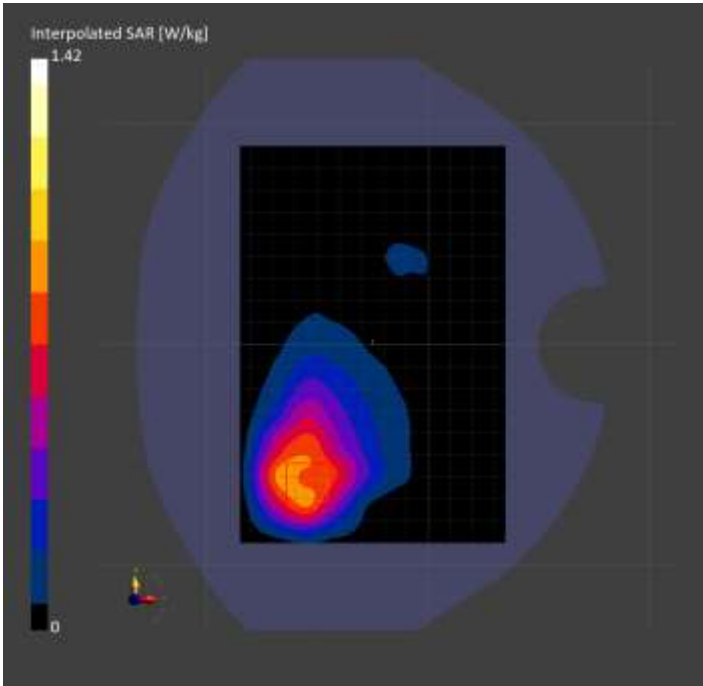
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		10.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.42, -50.5, -65.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.754	0.752
psSAR10g [W/Kg]	0.472	0.424
Power Drift [dB]	-0.01	0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n70	TSL Permittivity	40.4
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.33
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.95	Test Distance [mm]	0.00

Hardware Setup

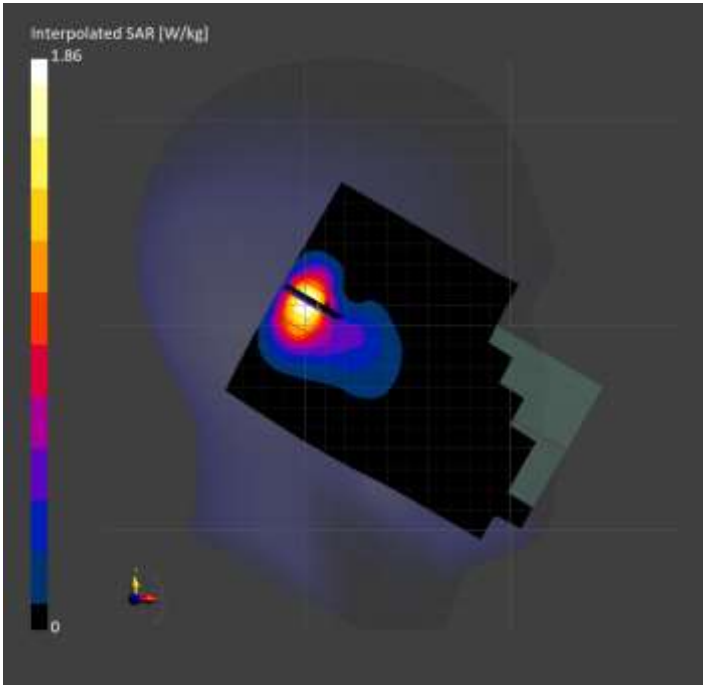
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.8 x 31.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.86, -0.8, 308.9, -166.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.861	0.846
psSAR10g [W/Kg]	0.442	0.398
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	Band n70	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.35
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.95	Test Distance [mm]	5.00

Hardware Setup

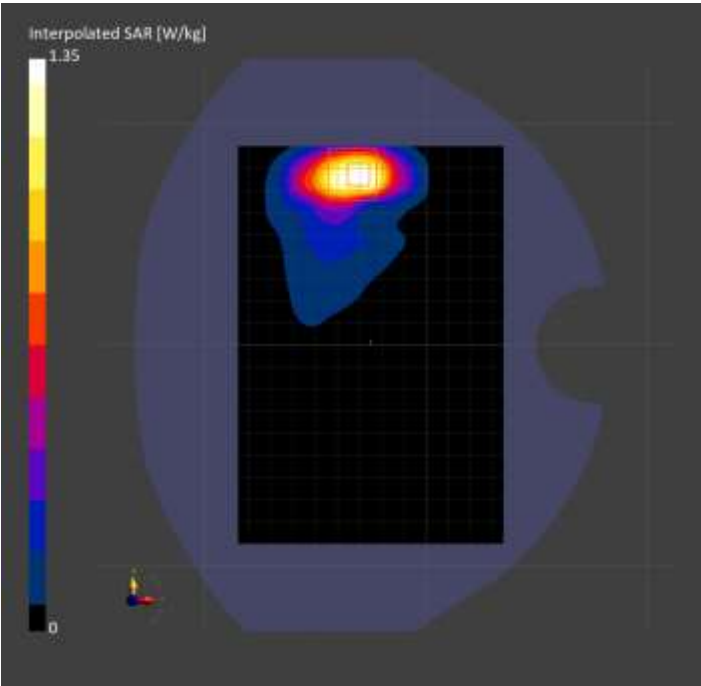
Probe Calibration Date	EX3DV4 - SN7810 (Sensor X Disabled) 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.9 x 32.9 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		6.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.35, -30.3, 77.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.581	0.603
psSAR10g [W/Kg]	0.314	0.283
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n70	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.24
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.95	Test Distance [mm]	5.00

Hardware Setup

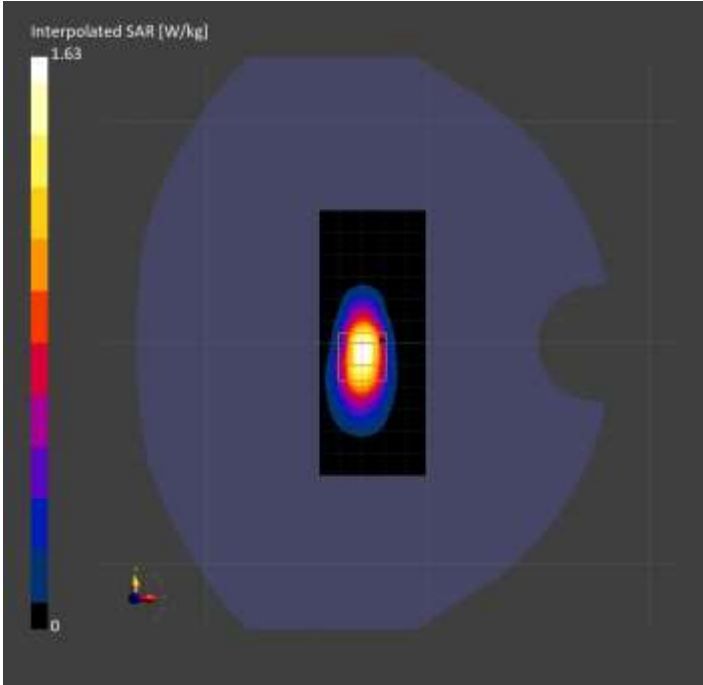
Probe Calibration Date	EX3DV4 - SN7810 (Sensor X Disabled) 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.0 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 [%]		78.4
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.63, -29.2, -5.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.726	0.749
psSAR10g [W/Kg]	0.348	0.346
Power Drift [dB]	N/A	-0.02



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	42.5
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.906
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

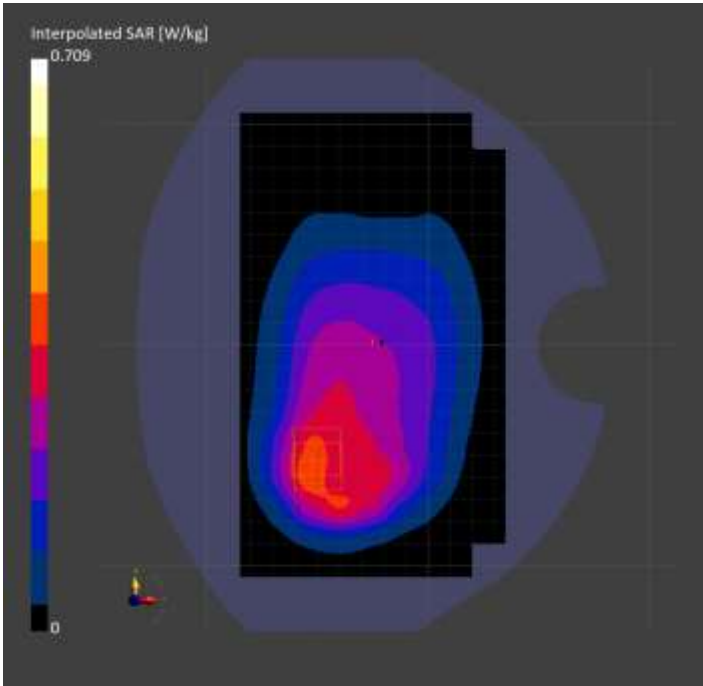
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	42.0 x 42.0 x 31.2
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 [%]		78.3
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.709, -56.7, -54.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.348	0.353
psSAR10g [W/Kg]	0.233	0.221
Power Drift [dB]	-0.01	-0.03



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n71	TSL Permittivity	42.5
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.906
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.23	Test Distance [mm]	5.00

Hardware Setup

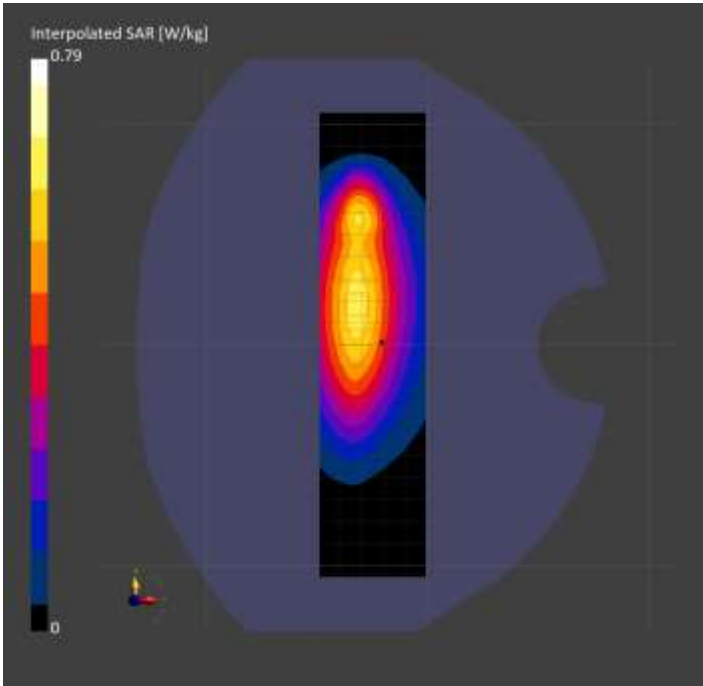
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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 [%]		89.5
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.790, -32.1, 18.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.546	0.539
psSAR10g [W/Kg]	0.367	0.361
Power Drift [dB]	0.02	-0.02



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n71	TSL Permittivity	42.0
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.831
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.23	Test Distance [mm]	0.00

Hardware Setup

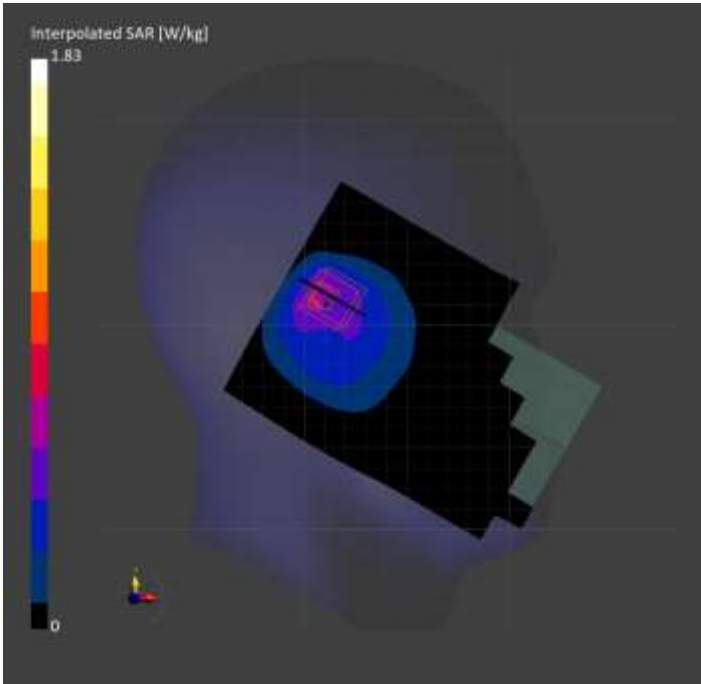
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		67.8
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.83, 9.6, 314.4, -168.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.548	0.658
psSAR10g [W/Kg]	0.363	0.347
Power Drift [dB]	-0.06	-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	39.1
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.73
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.31	Test Distance [mm]	5.00

Hardware Setup

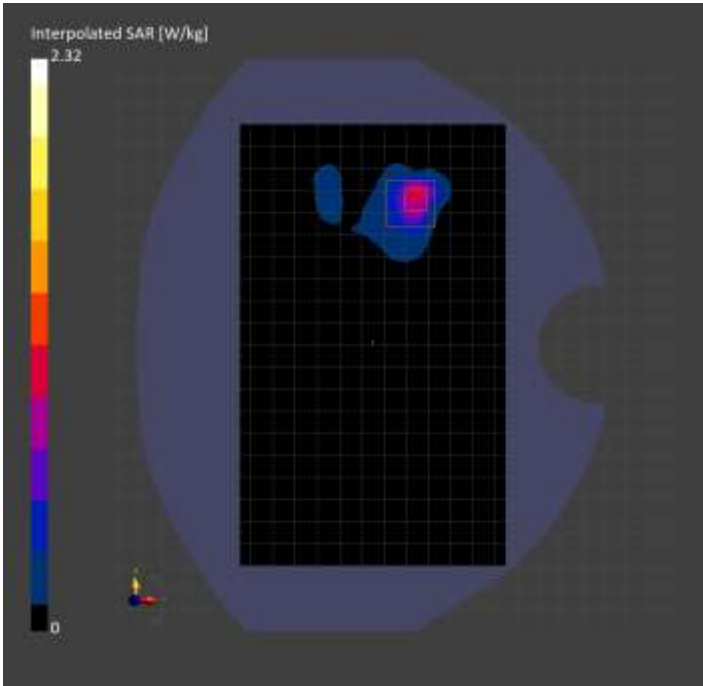
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DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	29.4 x 29.4 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.9 x 4.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.4
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.32, -5.3, 65.5, -203.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.753	0.843
psSAR10g [W/Kg]	0.289	0.306
Power Drift [dB]	-0.01	0.01



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	39.0
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.83
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.31	Test Distance [mm]	0.00

Hardware Setup

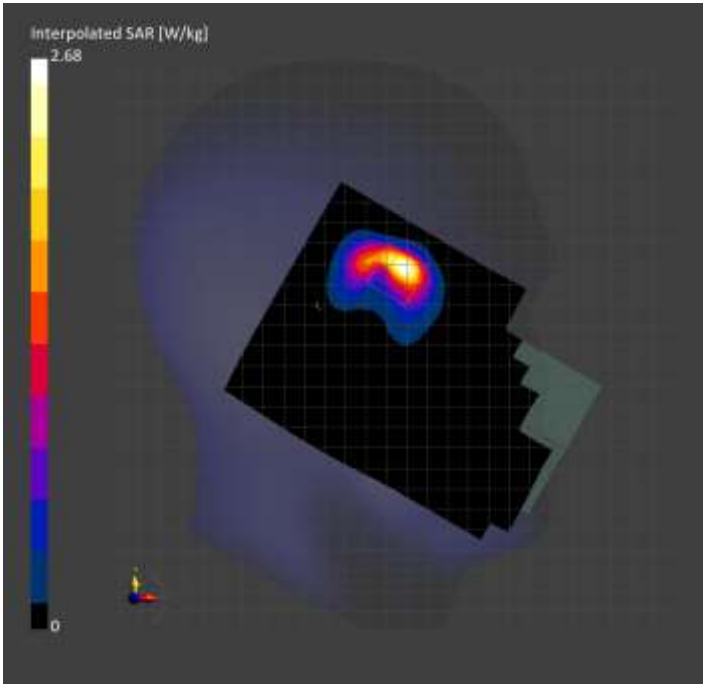
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DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.6
Dist 3dB Peak [mm]		5.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.68, 48.1, 329.0, -169.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.801	0.866
psSAR10g [W/Kg]	0.303	0.314
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, EDGE RIGHT

Exposure Conditions

Band	Band n77	TSL Permittivity	40.1
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.82
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.31	Test Distance [mm]	5.00

Hardware Setup

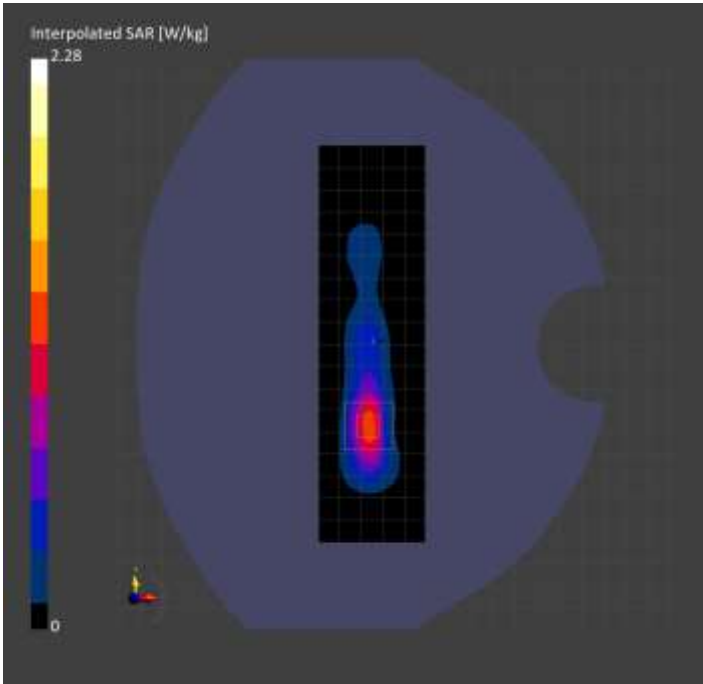
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DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.7
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.28, -26.8, -37.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.897	0.907
psSAR10g [W/Kg]	0.342	0.342
Power Drift [dB]	-0.01	-0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n77	TSL Permittivity	39.4
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.20
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	RightHead HSL
Conversion Factor	6.36	Test Distance [mm]	0.00

Hardware Setup

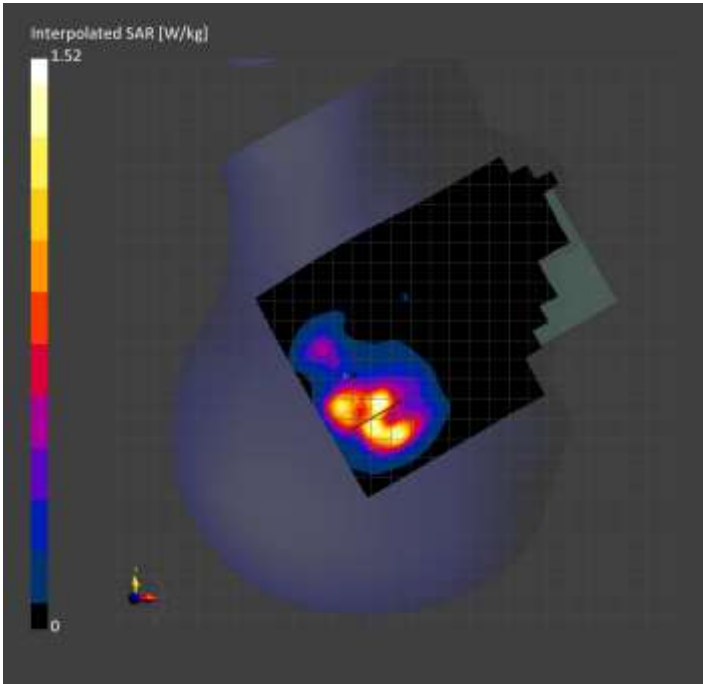
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DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.8 x 30.8 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.4 x 4.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.0
Dist 3dB Peak [mm]		5.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.52, 21.7, -328.9, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.371	0.523
psSAR10g [W/Kg]	0.172	0.196
Power Drift [dB]	0.08	0.02



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	40.3
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.06
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.04	Test Distance [mm]	5.00

Hardware Setup

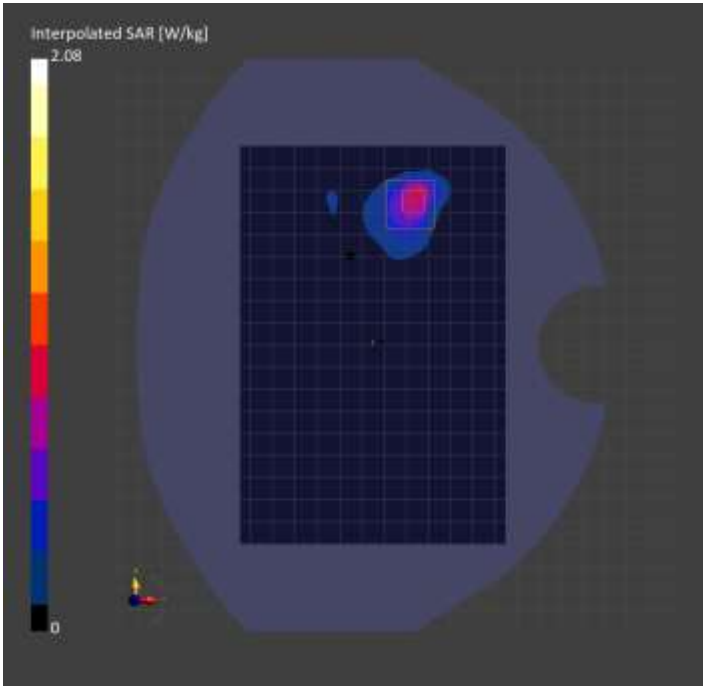
Probe Calibration Date	EX3DV4 - SN7463 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.8 x 28.8 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.08, -6.6, 65.3, -205.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.711	0.812
psSAR10g [W/Kg]	0.265	0.297
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.0
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.07
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.78	Test Distance [mm]	5.00

Hardware Setup

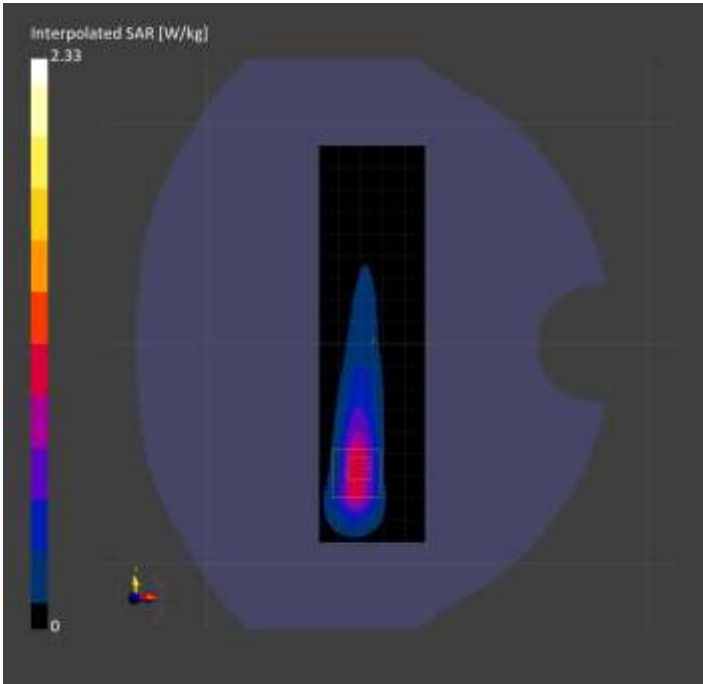
Probe Calibration Date	EX3DV4 - SN3929 2024-03-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		73.1
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.33, -31.0, -56.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.796	0.819
psSAR10g [W/Kg]	0.308	0.303
Power Drift [dB]	-0.03	-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	41.0
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.66
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

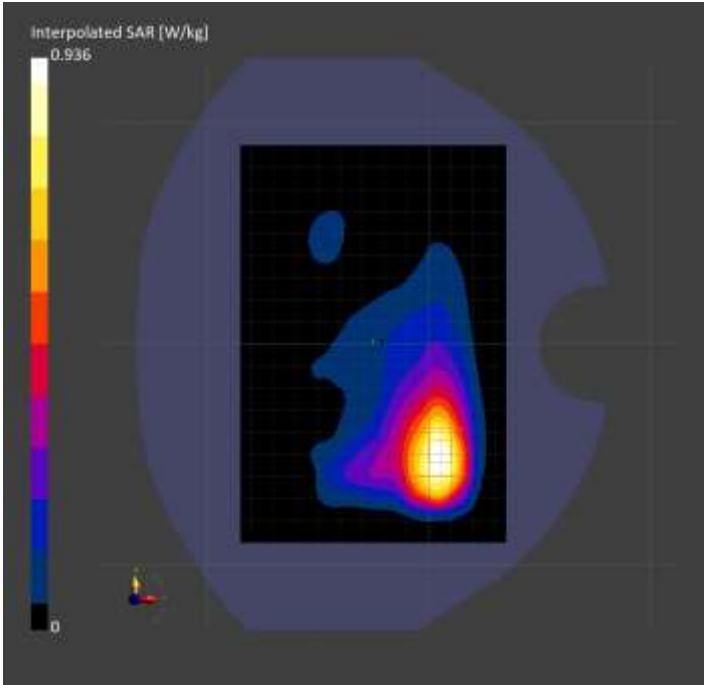
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		84.8
Dist 3dB Peak [mm]		10.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.936 5.4, -48.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.518	0.520
psSAR10g [W/Kg]	0.274	0.283
Power Drift [dB]	N/A	-0.02



Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.66
Group UID	WLAN 10415-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.18	Test Distance [mm]	0.00

Hardware Setup

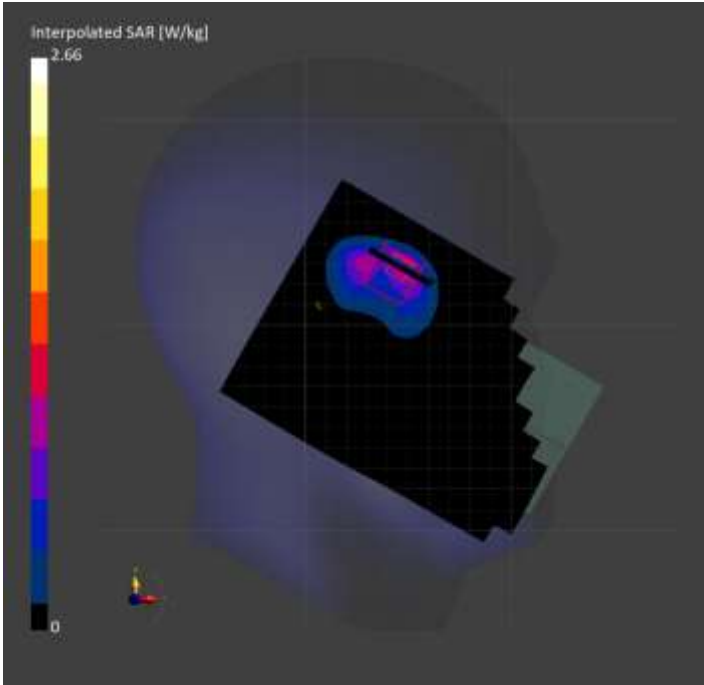
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		72.8
Dist 3dB Peak [mm]		5.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.66, 46.0, 328.6, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.892	1.04
psSAR10g [W/Kg]	0.420	0.459
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.66
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

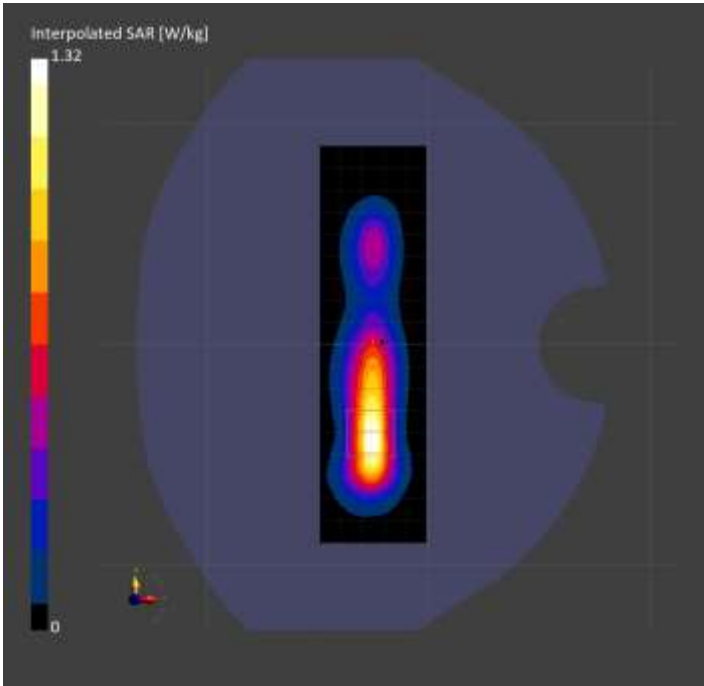
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		81.2
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.32 -25.9, -43.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.624	0.651
psSAR10g [W/Kg]	0.283	0.300
Power Drift [dB]	N/A	-0.06



WLAN 5GHz: IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK), CHEEK

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.7
Frequency [MHz] Channel Number	5230.000 46	TSL Conductivity [S/m]	4.26
Group UID	WLAN 10117-CAE	Phantom Section TSL	RightHead HSL
Conversion Factor	5.19	Test Distance [mm]	0.00

Hardware Setup

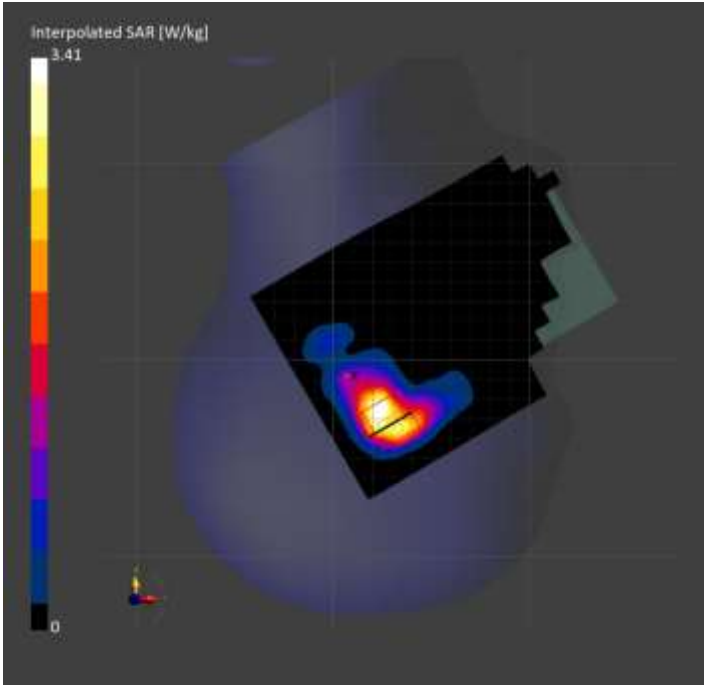
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.9
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 [%]		58.8
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.41, 28.7, -334.6, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.663	0.831
psSAR10g [W/Kg]	0.266	0.328
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.5
Frequency [MHz] Channel Number	5210.000 42	TSL Conductivity [S/m]	4.40
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	5.19	Test Distance [mm]	5.00

Hardware Setup

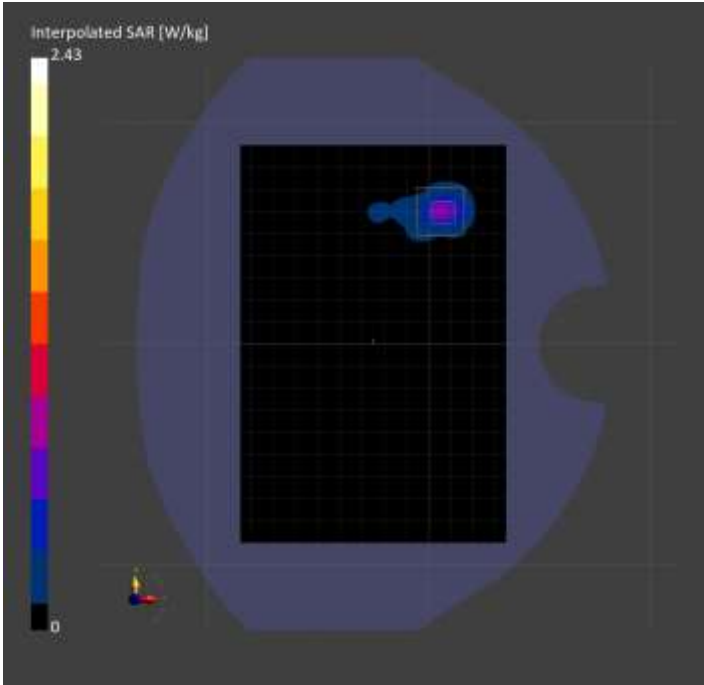
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.43 [7.4, 59.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.541	0.579
psSAR10g [W/Kg]	0.171	0.181
Power Drift [dB]	N/A	0.17



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.5
Frequency [MHz] Channel Number	5210.000 42	TSL Conductivity [S/m]	4.40
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	5.19	Test Distance [mm]	5.00

Hardware Setup

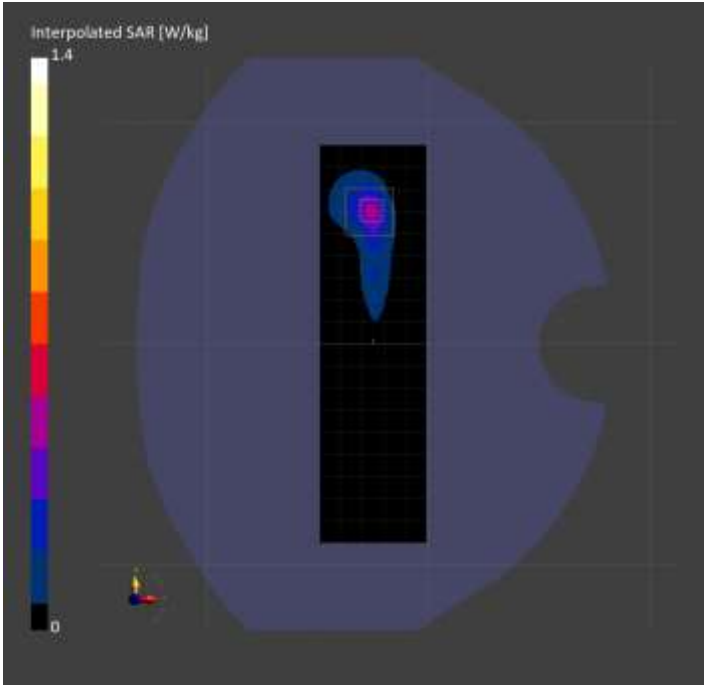
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		62.8
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.40 [-25.8, 60.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.334	0.369
psSAR10g [W/Kg]	0.112	0.122
Power Drift [dB]	N/A	-0.10



U-NII-2C, U-NII-3: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	U-NII-2C, U-NII-3	TSL Permittivity	36.7
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.90
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

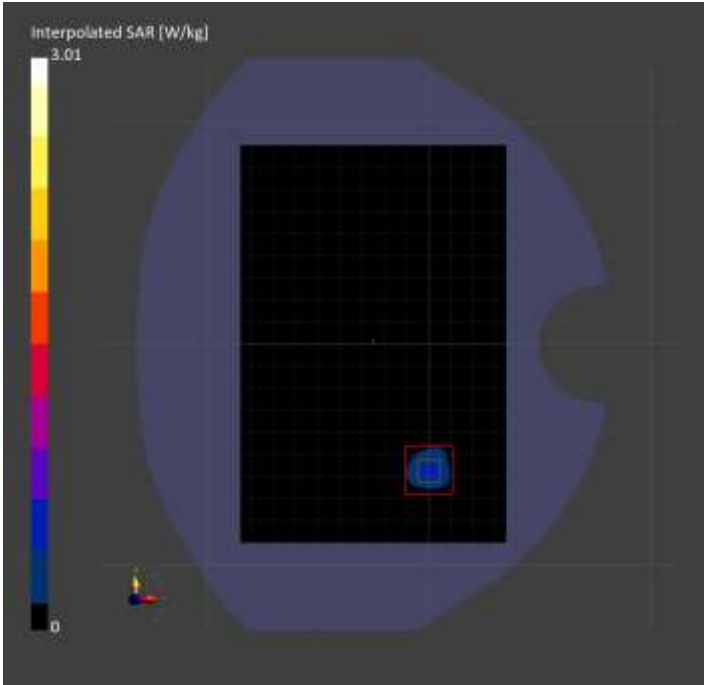
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.9
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 [%]		59.5
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.01, 0.2, -57.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.410	0.670
psSAR10g [W/Kg]	0.122	0.159
Power Drift [dB]	N/A	0.20



U-NII-2C, U-NII-3: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	U-NII-2C, U-NII-3	TSL Permittivity	37.0
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.77
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

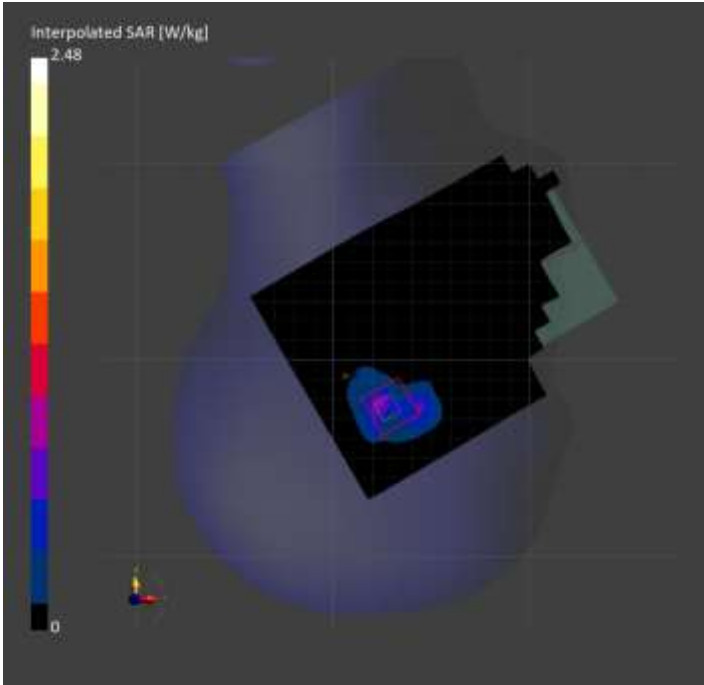
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.9
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 [%]		71.1
Dist 3dB Peak [mm]		4.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.48, 27.2, -324.6, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.528	0.690
psSAR10g [W/Kg]	0.189	0.239
Power Drift [dB]	N/A	-0.01



U-NII-2C, U-NII-3: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), EDGE LEFT

Exposure Conditions

Band	U-NII-2C, U-NII-3	TSL Permittivity	36.7
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.92
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

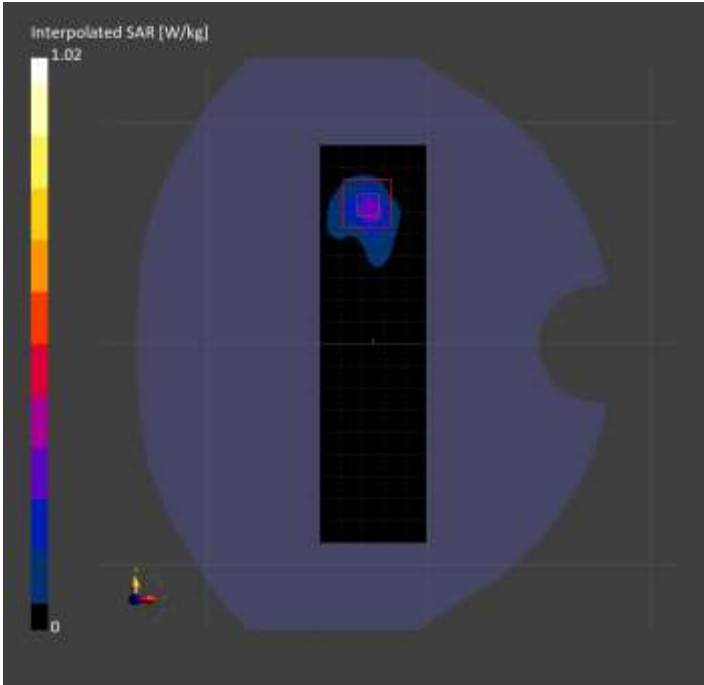
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.0
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.02 [1.09, -24.7, 62.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.222	0.242
psSAR10g [W/Kg]	0.076	0.074
Power Drift [dB]	N/A	-0.12



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.5
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.02
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

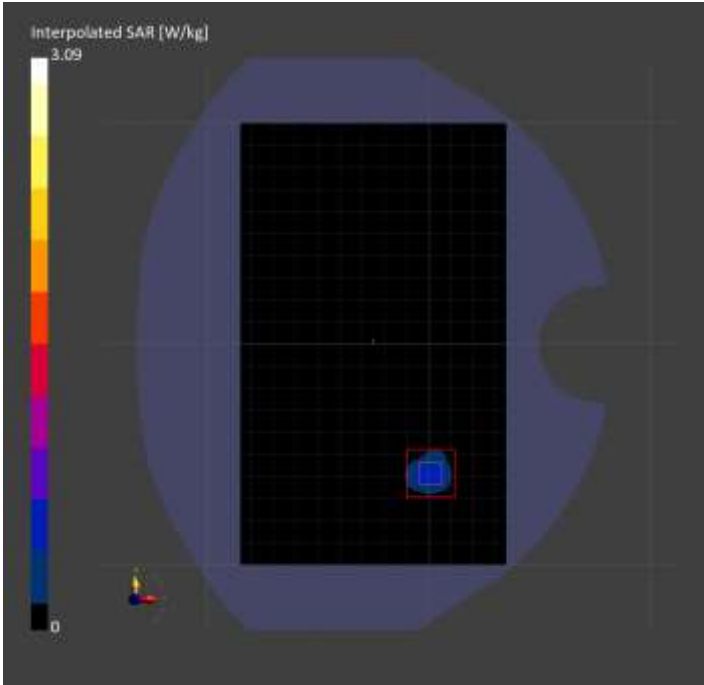
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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 [%]		61.3
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.09 [1.4, -58.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.496	0.708
psSAR10g [W/Kg]	0.143	0.174
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.8
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	4.87
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

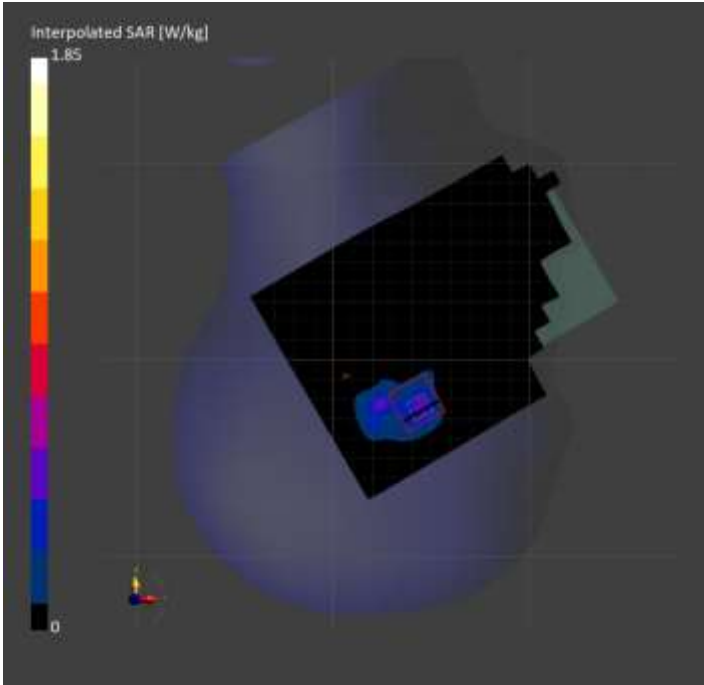
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.9
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 [%]		63.2
Dist 3dB Peak [mm]		4.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.94, 28.0, -322.9, -170.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.416	0.503
psSAR10g [W/Kg]	0.151	0.154
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.6
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.19
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

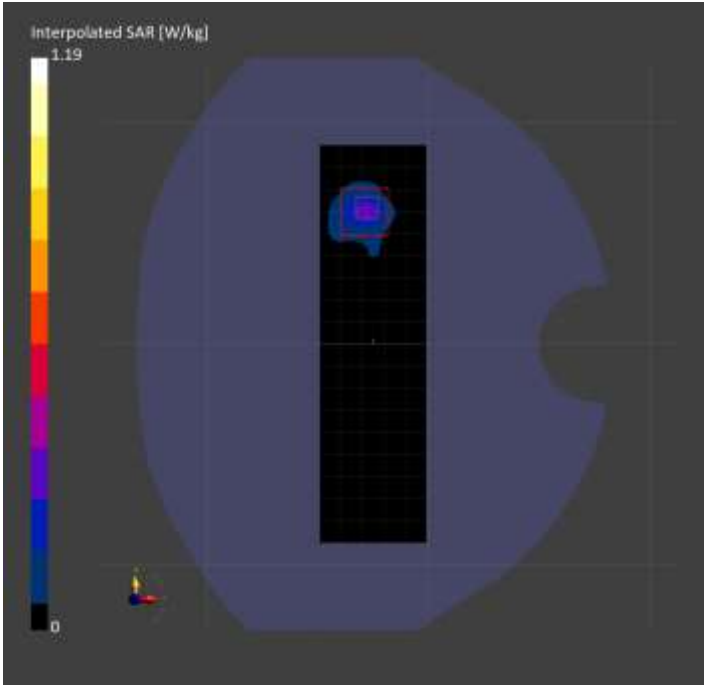
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.19 [-27.4, 60.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.235	0.281
psSAR10g [W/Kg]	0.078	0.085
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	37.5
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.77
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

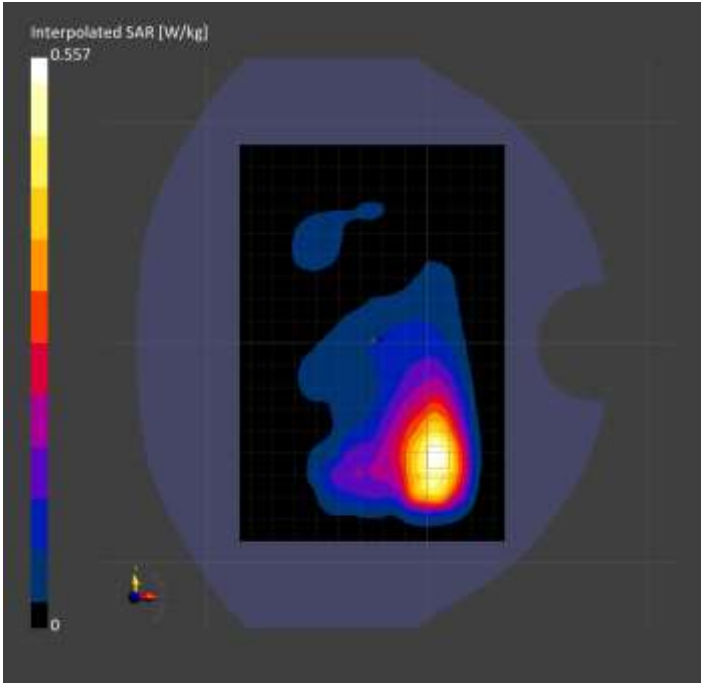
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [%]		83.6
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.557, 4.5, -51.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.291	0.305
psSAR10g [W/Kg]	0.154	0.157
Power Drift [dB]	N/A	0.08



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	37.5
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.77
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

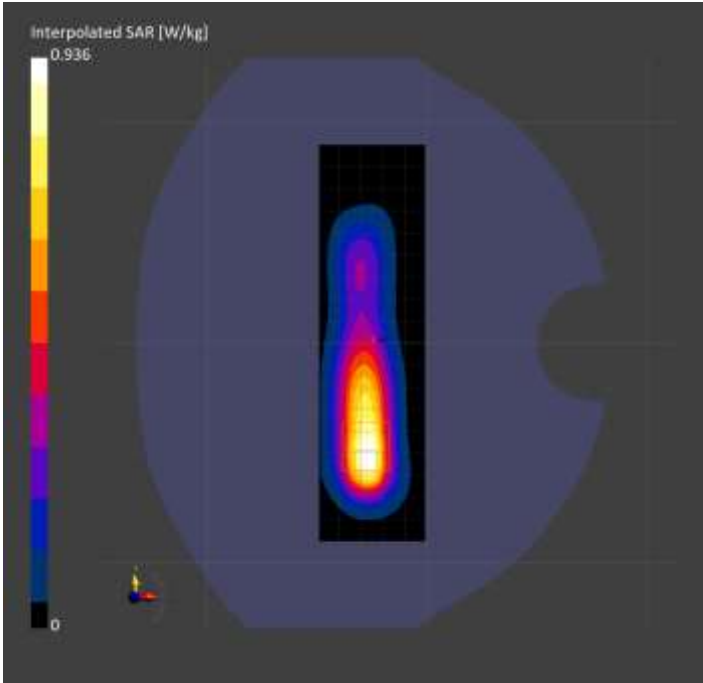
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 35.0 x 31.2
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 [%]		78.3
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.936, -28.0, -53.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.417	0.433
psSAR10g [W/Kg]	0.203	0.204
Power Drift [dB]	N/A	0.11



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	36.8
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.81
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

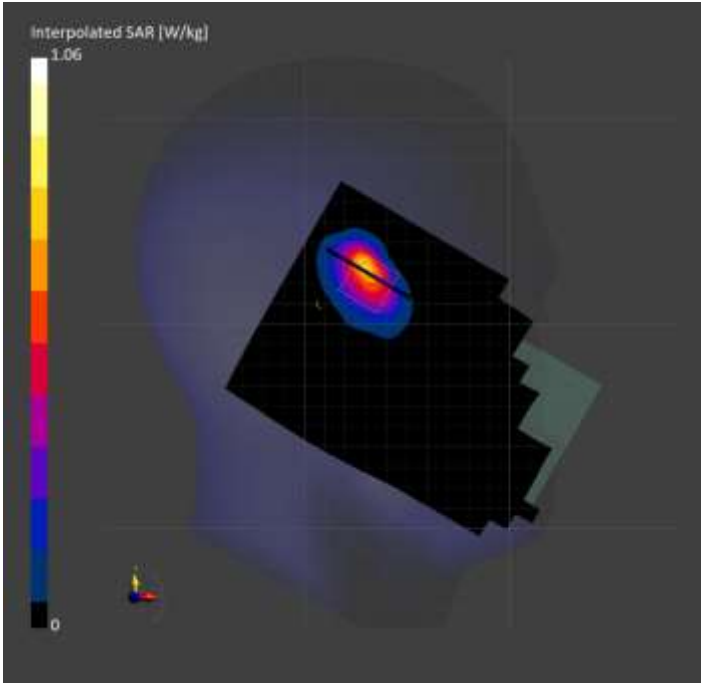
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	43.2 x 43.2 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		88.2
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.06, 30.9, 324.4, -170.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.573	0.585
psSAR10g [W/Kg]	0.264	0.266
Power Drift [dB]	N/A	-0.02



Custom Band: CW, FRONT

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.1
Frequency [MHz] Channel Number	1617.600 1617600	TSL Conductivity [S/m]	1.21
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.26	Test Distance [mm]	0.00

Hardware Setup

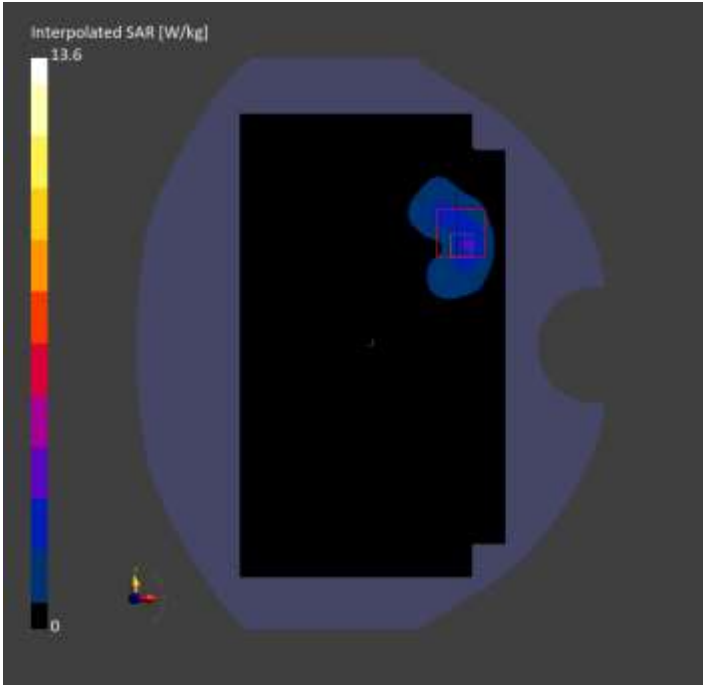
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.6 x 30.6 x 33.4
Grid Steps [mm]	15.0 x 15.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.9
Dist 3dB Peak [mm]		4.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	13.6, 15.0, 45.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.65	4.11
psSAR10g [W/Kg]	1.42	1.73
Power Drift [dB]	N/A	0.02



Custom Band: CW, EDGE TOP

Exposure Conditions

Band	Custom Band	TSL Permittivity	54.4
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.687
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	18.85	Test Distance [mm]	0.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN3989 (Sensor X Disabled) 2024-01-09	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL4-250V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	33.6 x 33.6 x 33.4
Grid Steps [mm]	8.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.074, -1.2, -14.7, -166.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.018	0.017
psSAR10g [W/Kg]	0.010	0.006
Power Drift [dB]	0.12	0.02

