

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.0
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.877
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

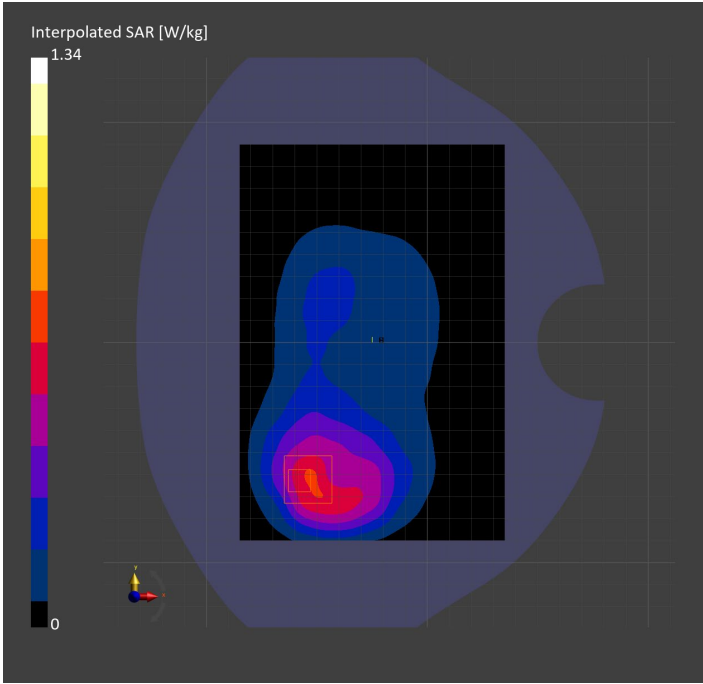
Probe Calibration Date	EX3DV4 - SN7806 2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		74.5
Dist 3dB Peak [mm]		9.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.590	0.598
psSAR10g [W/Kg]	0.390	0.334
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.0
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.877
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

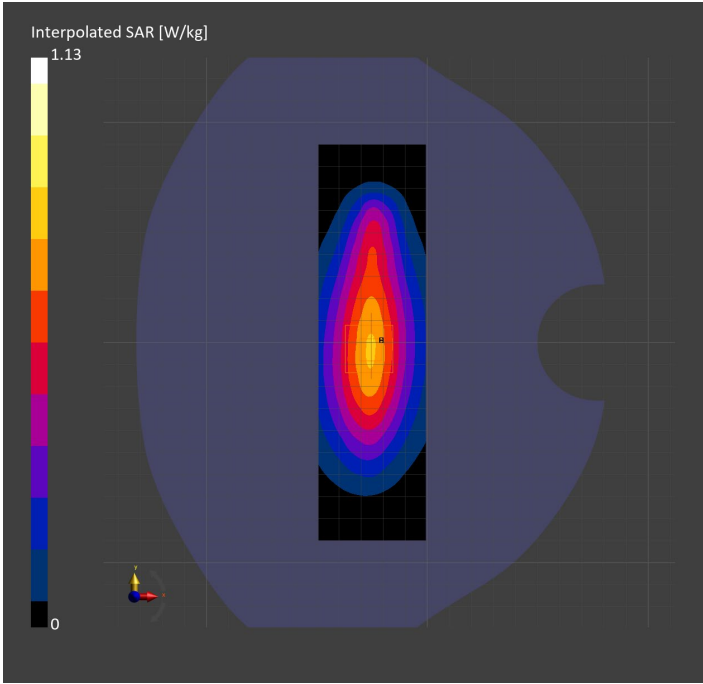
Probe Calibration Date	EX3DV4 - SN7806 2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.3
Dist 3dB Peak [mm]		14.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.660	0.668
psSAR10g [W/Kg]	0.431	0.433
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.2
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.945
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

Hardware Setup

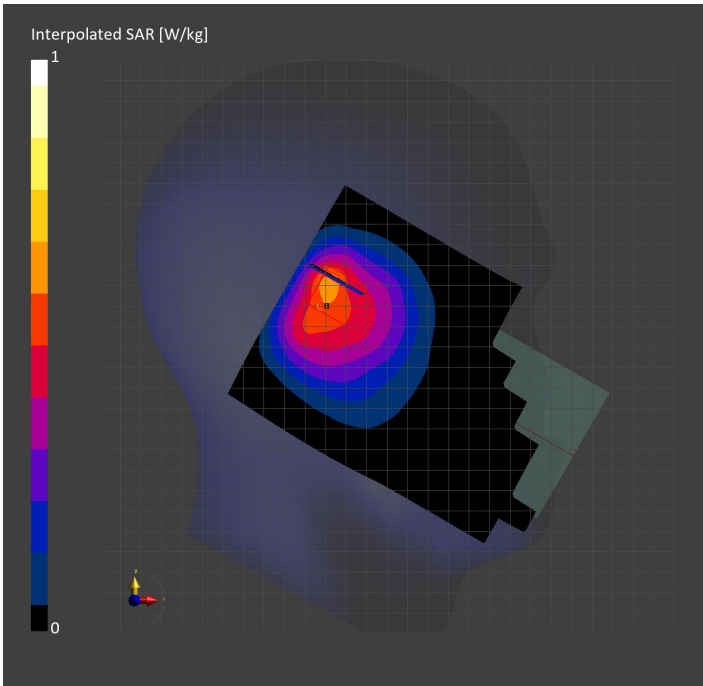
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		76.8
Dist 3dB Peak [mm]		10.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.532	0.477
psSAR10g [W/Kg]	0.350	0.327
Power Drift [dB]	N/A	-0.07



Measurement Report for PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), TILT

Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.44
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.53	Test Distance [mm]	0.00

Hardware Setup

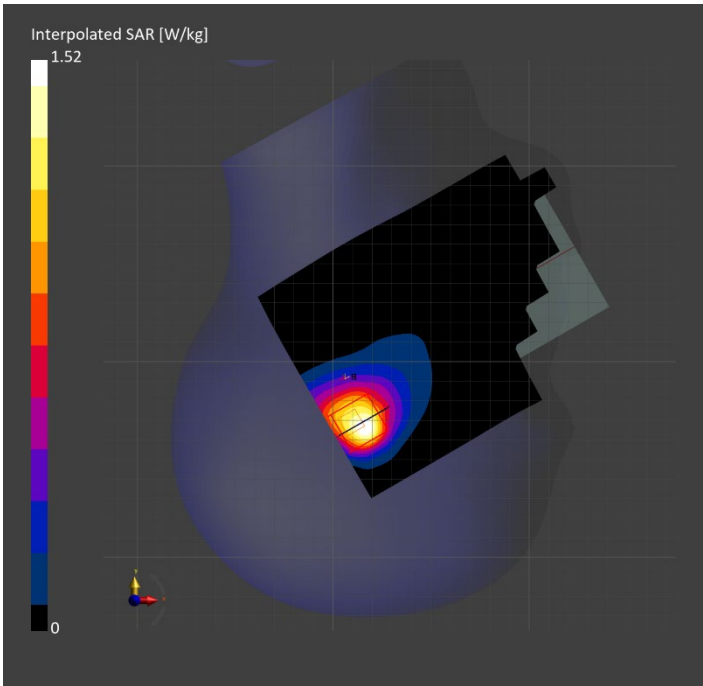
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		73.6
Dist 3dB Peak [mm]		7.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.601	0.654
psSAR10g [W/Kg]	0.326	0.314
Power Drift [dB]	N/A	-0.01



Measurement Report for PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), EDGE TOP

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.1
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.38
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.53	Test Distance [mm]	5.00

Hardware Setup

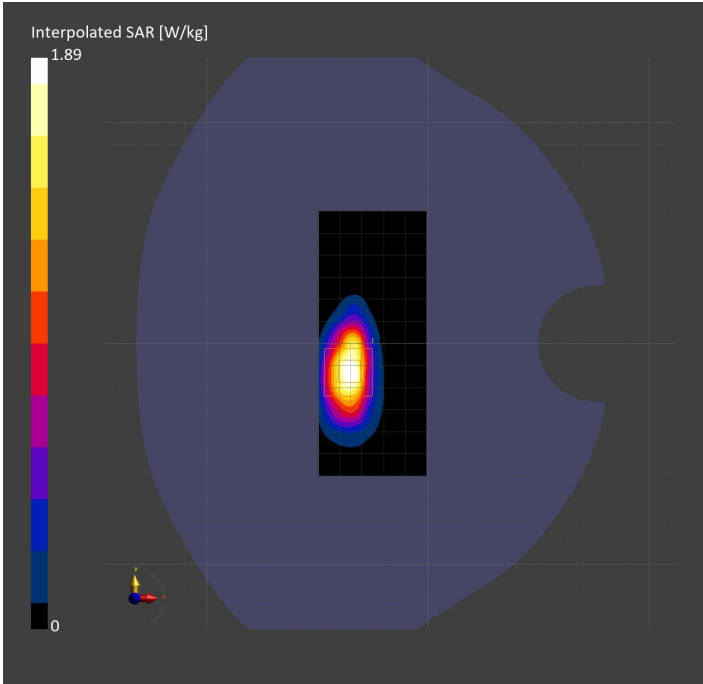
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.849	0.865
psSAR10g [W/Kg]	0.406	0.399
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.6
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.39
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.53	Test Distance [mm]	5.00

Hardware Setup

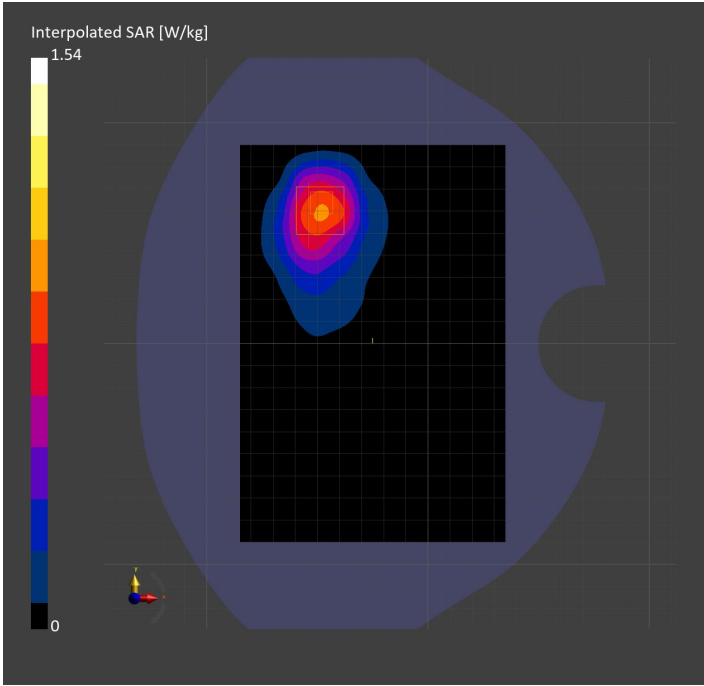
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		74.2
Dist 3dB Peak [mm]		9.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.777	0.734
psSAR10g [W/Kg]	0.445	0.400
Power Drift [dB]	N/A	-0.14



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

Exposure Conditions

Band	Band 2	TSL Permittivity	39.9
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.41
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

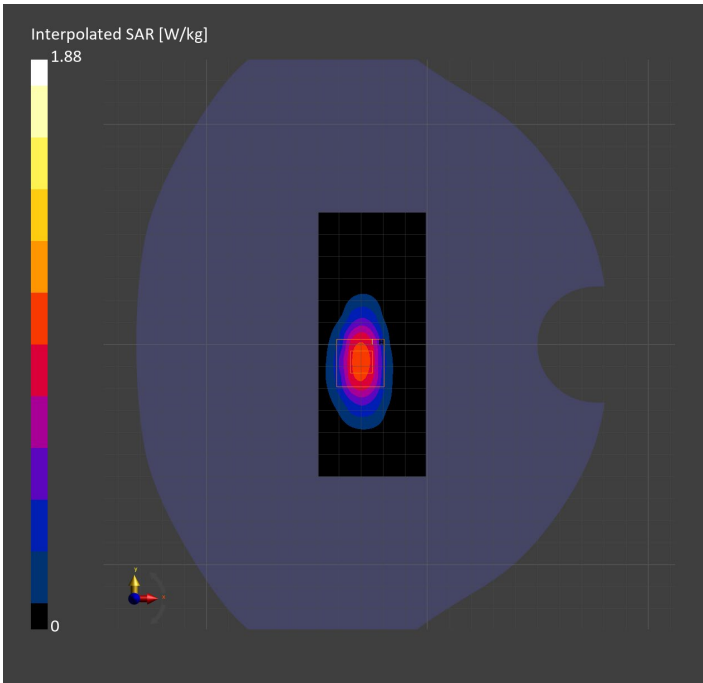
Probe Calibration Date	EX3DV4 - SN3991 2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.5
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.858	0.887
psSAR10g [W/Kg]	0.419	0.415
Power Drift [dB]	N/A	-0.01



Measurement Report for Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	39.8
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.42
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

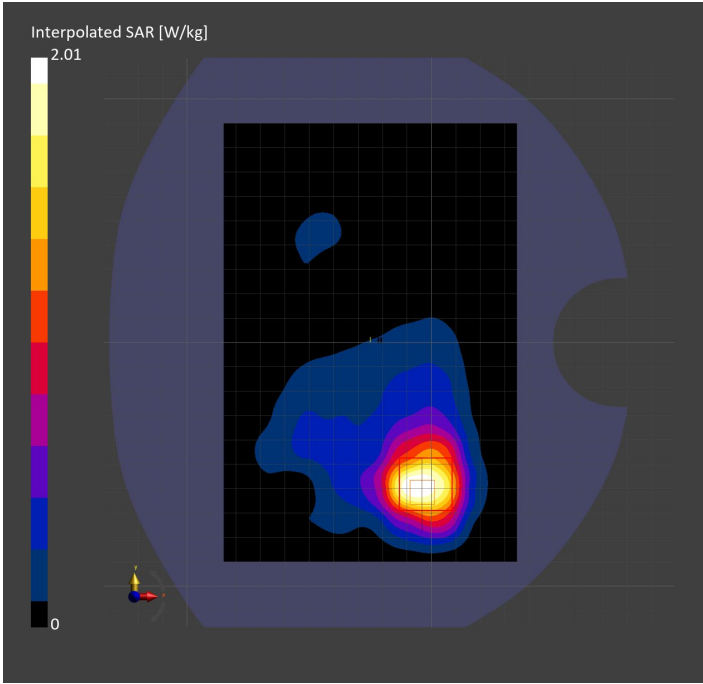
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DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		75.8
Dist 3dB Peak [mm]		9.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.887	0.923
psSAR10g [W/Kg]	0.480	0.457
Power Drift [dB]	N/A	0.04



Measurement Report for Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	38.4
Frequency [MHz] Channel Number	1852.400 9262	TSL Conductivity [S/m]	1.41
Group UID	WCDMA 10011-CAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.53	Test Distance [mm]	0.00

Hardware Setup

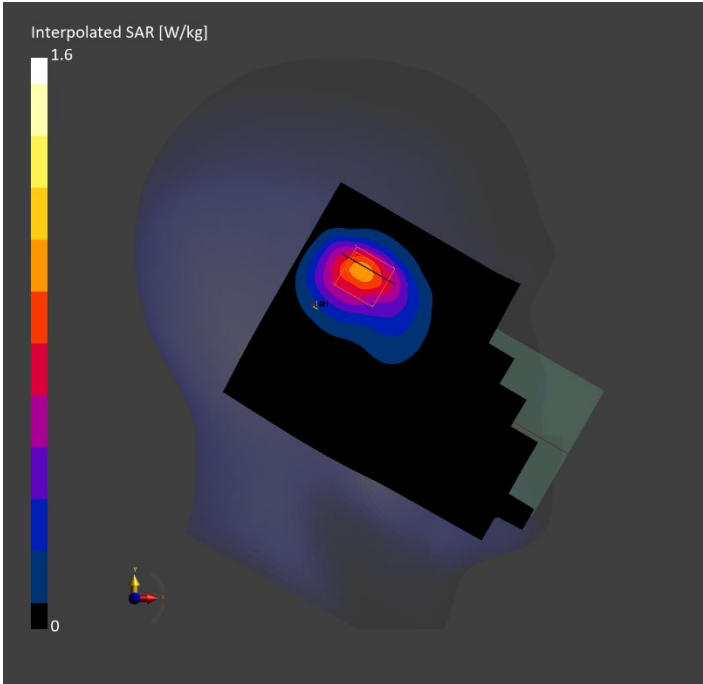
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		76.5
Dist 3dB Peak [mm]		7.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.810	0.799
psSAR10g [W/Kg]	0.449	0.443
Power Drift [dB]	N/A	0.01



Measurement Report for Band 4: UMTS-FDD (WCDMA), TILT

Exposure Conditions

Band	Band 4	TSL Permittivity	41.0
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.31
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

Hardware Setup

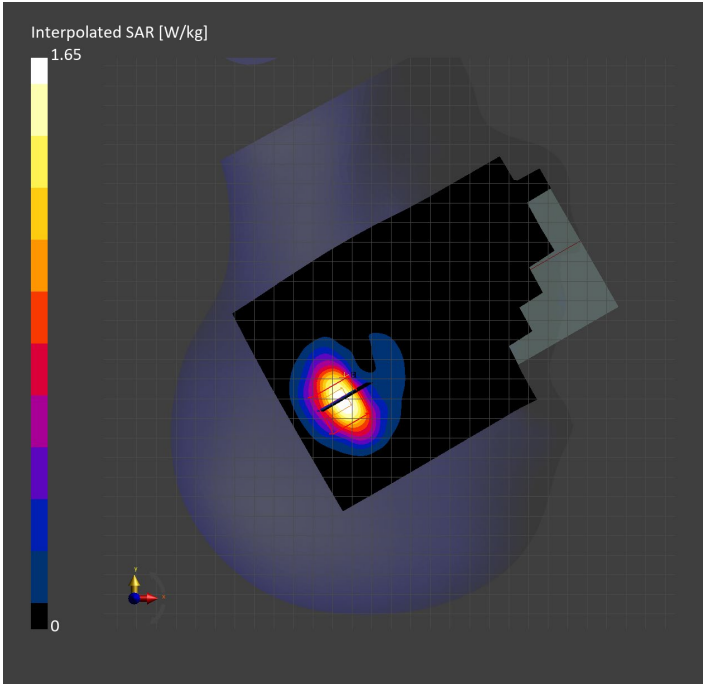
Probe Calibration Date	EX3DV4 - SN7569 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.719	0.780
psSAR10g [W/Kg]	0.372	0.365
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 4	TSL Permittivity	41.0
Frequency [MHz] Channel Number	1752.600 1513	TSL Conductivity [S/m]	1.32
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

Hardware Setup

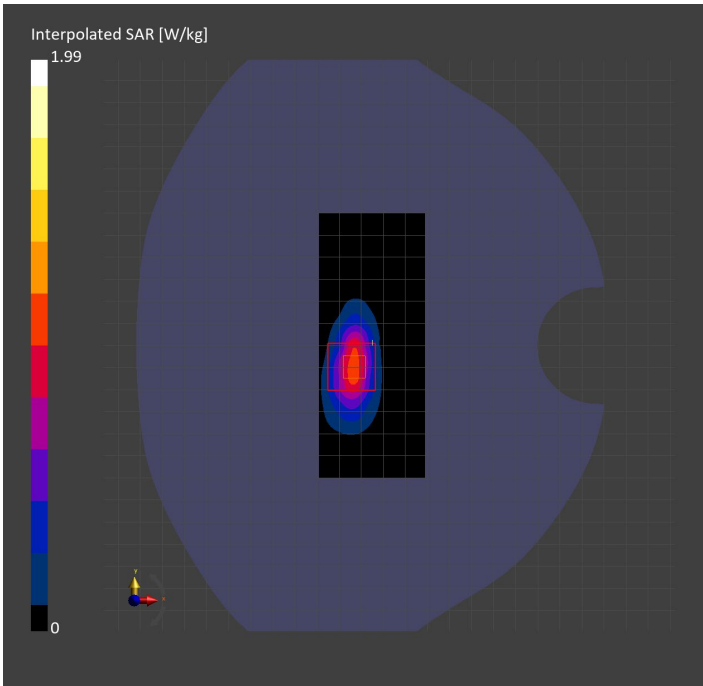
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.0
Dist 3dB Peak [mm]		7.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.847	0.885
psSAR10g [W/Kg]	0.397	0.401
Power Drift [dB]	N/A	-0.02



Measurement Report for Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	39.5
Frequency [MHz] Channel Number	1752.600 1513	TSL Conductivity [S/m]	1.35
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

Hardware Setup

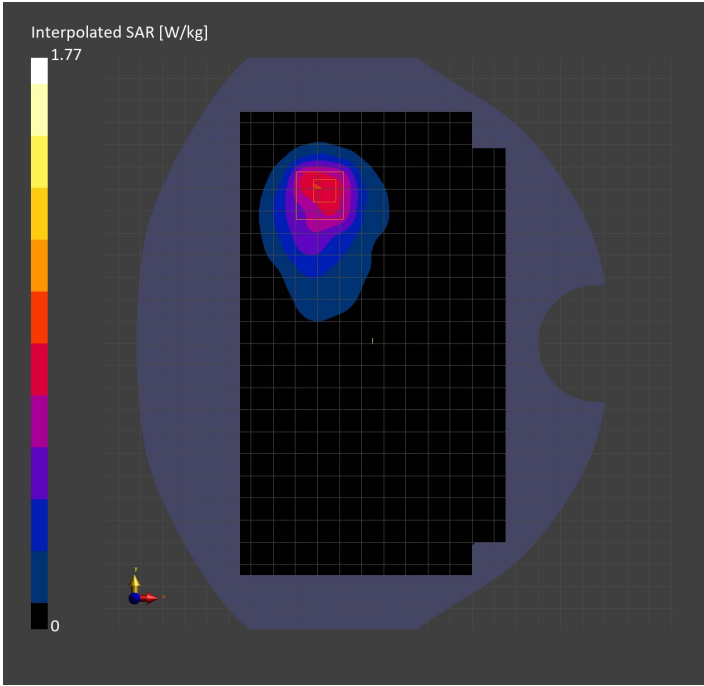
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.6
Dist 3dB Peak [mm]		11.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.747	0.788
psSAR10g [W/Kg]	0.429	0.411
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 5	TSL Permittivity	41.0
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.877
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

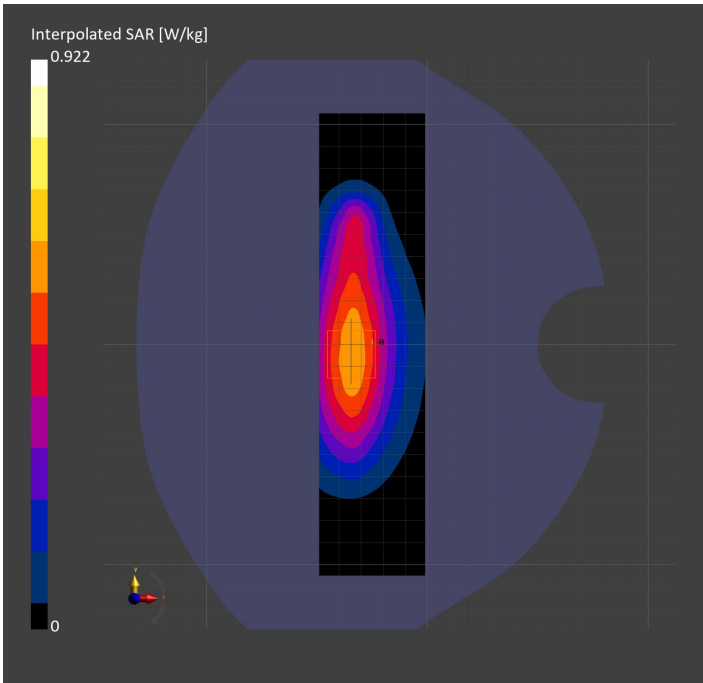
Probe Calibration Date	EX3DV4 - SN7806 2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		14.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.521	0.536
psSAR10g [W/Kg]	0.341	0.342
Power Drift [dB]	N/A	-0.03



Measurement Report for Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.3
Frequency [MHz] Channel Number	826.400 4132	TSL Conductivity [S/m]	0.942
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

Hardware Setup

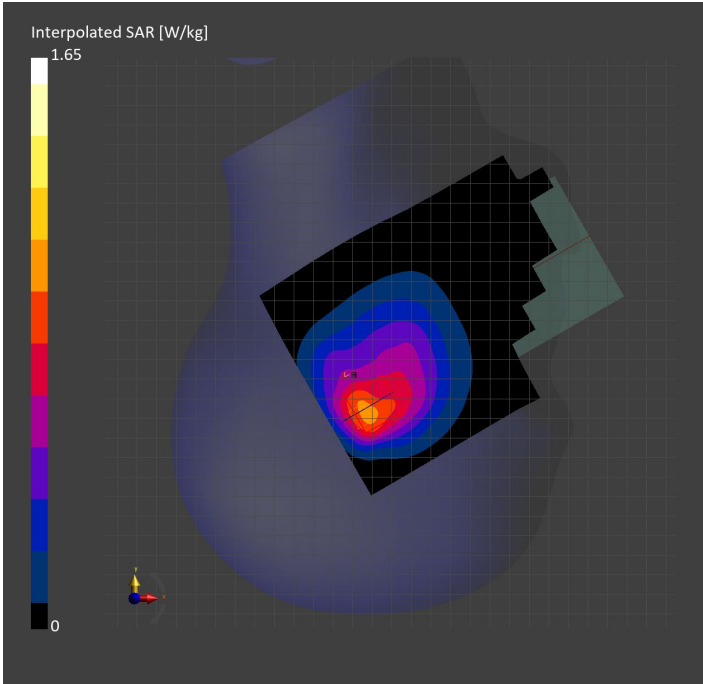
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		76.3
Dist 3dB Peak [mm]		8.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.864	0.845
psSAR10g [W/Kg]	0.560	0.532
Power Drift [dB]	N/A	-0.04



Measurement Report for Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.2
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.945
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.83	Test Distance [mm]	5.00

Hardware Setup

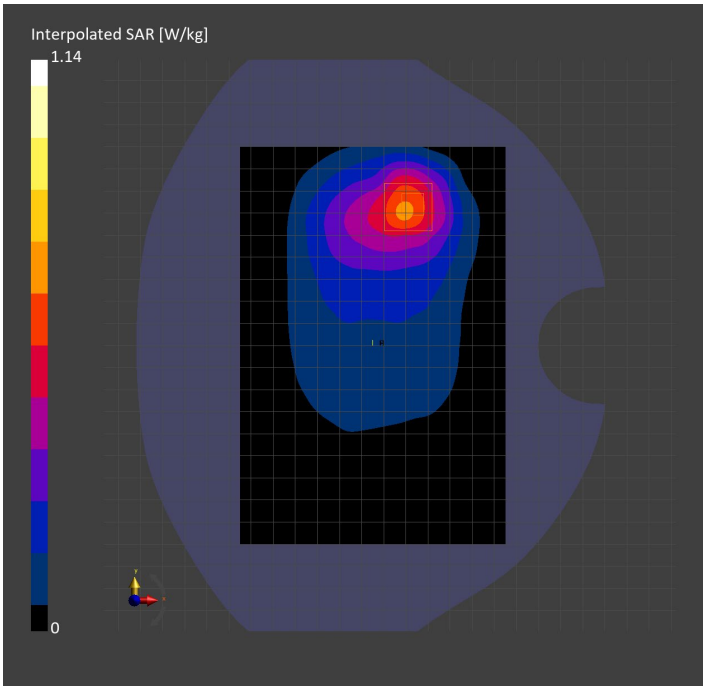
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		83.7	83.9
Dist 3dB Peak [mm]		17.2	16.7

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.593	0.631	0.624
psSAR10g [W/Kg]	0.378	0.363	0.359
Power Drift [dB]	N/A	-0.35	-0.28



Measurement Report for Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 5	TSL Permittivity	43.4
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.868
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

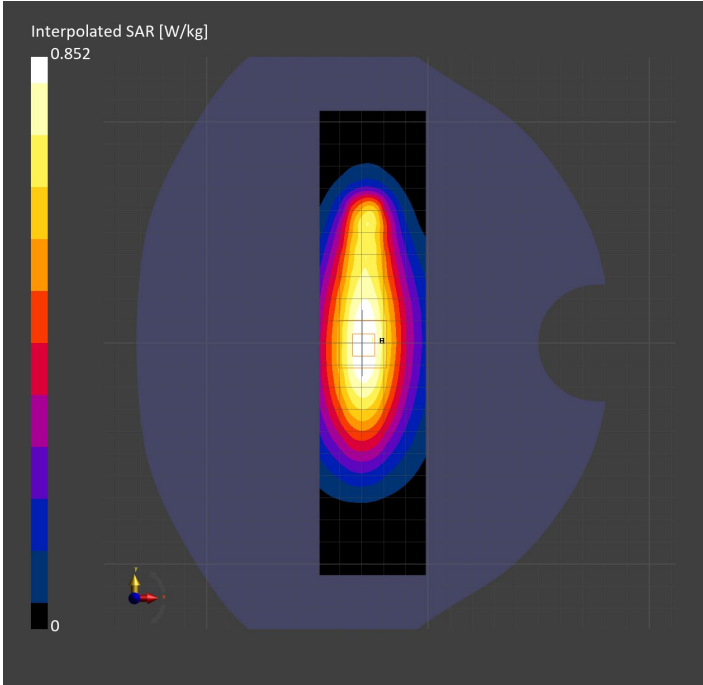
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		82.1
Dist 3dB Peak [mm]		15.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.490	0.500
psSAR10g [W/Kg]	0.322	0.325
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band 5	TSL Permittivity	40.1
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.867
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

Hardware Setup

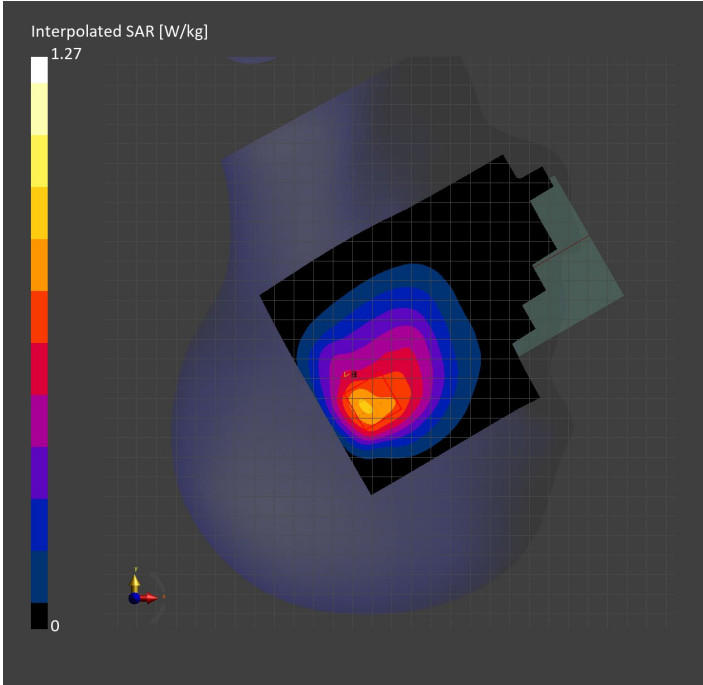
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		84.0
Dist 3dB Peak [mm]		8.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.731	0.698
psSAR10g [W/Kg]	0.482	0.453
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 5	TSL Permittivity	40.1
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.867
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.83	Test Distance [mm]	5.00

Hardware Setup

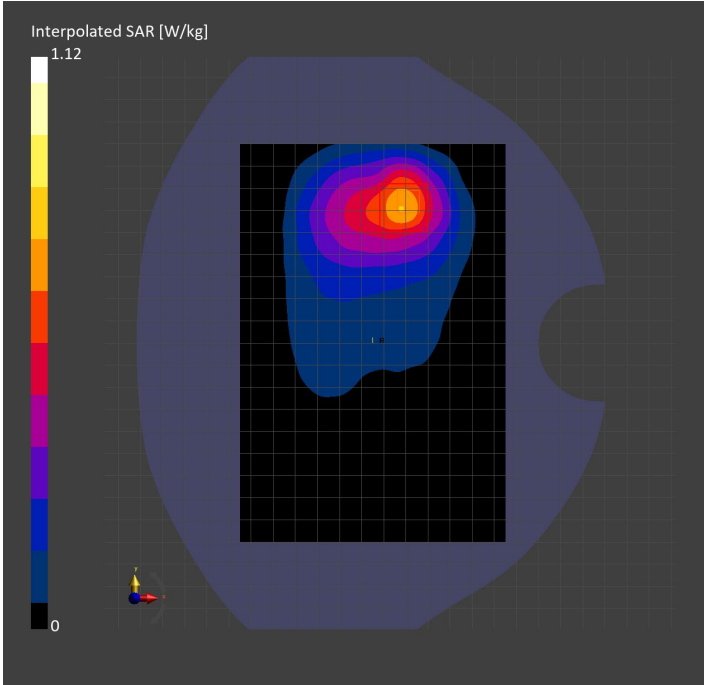
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		84.6
Dist 3dB Peak [mm]		14.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.638	0.640
psSAR10g [W/Kg]	0.407	0.373
Power Drift [dB]	N/A	-0.17



Measurement Report for Band 7: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)
AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 7	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.89
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.39	Test Distance [mm]	5.00

Hardware Setup

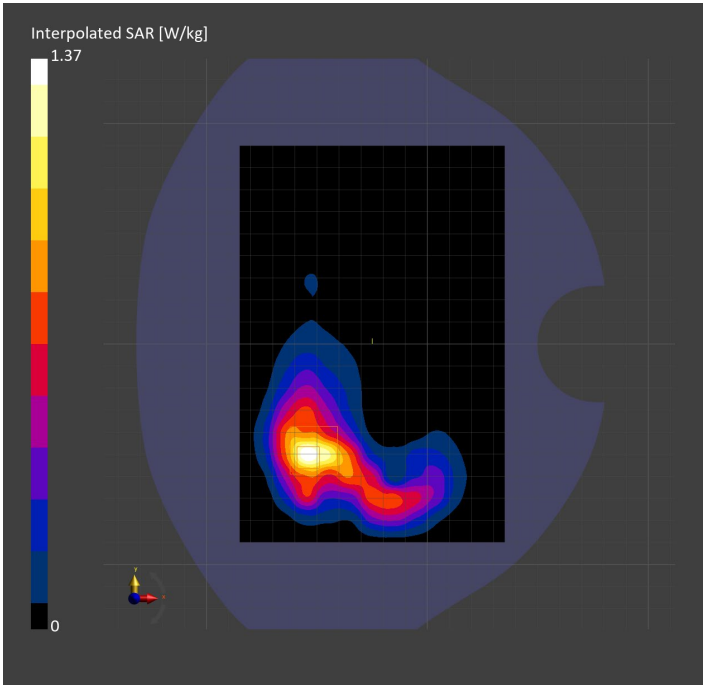
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		80.7
Dist 3dB Peak [mm]		9.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.699	0.708
psSAR10g [W/Kg]	0.339	0.347
Power Drift [dB]	N/A	-0.00



Measurement Report for Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 7	TSL Permittivity	38.3
Frequency [MHz] Channel Number	2560.000 21350	TSL Conductivity [S/m]	1.91
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.39	Test Distance [mm]	5.00

Hardware Setup

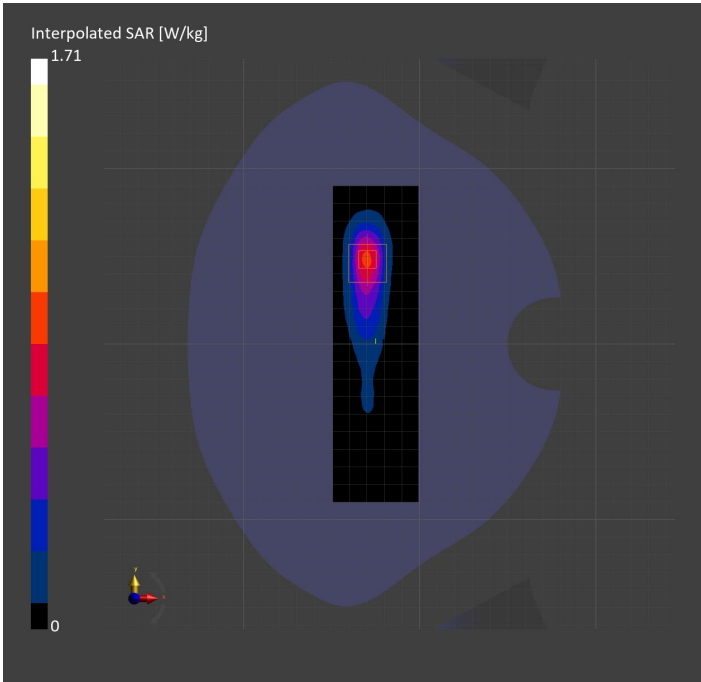
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.7
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.684	0.719
psSAR10g [W/Kg]	0.303	0.302
Power Drift [dB]	N/A	0.06



Measurement Report for Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 7	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.82
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

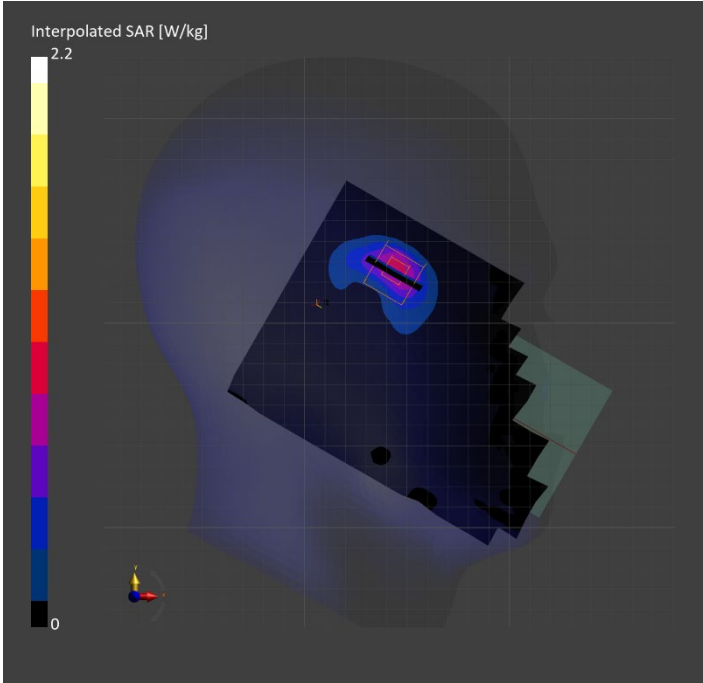
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.0
Dist 3dB Peak [mm]		6.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.752	0.876
psSAR10g [W/Kg]	0.355	0.365
Power Drift [dB]	N/A	-0.05



Measurement Report for Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 12	TSL Permittivity	43.3
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.816
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

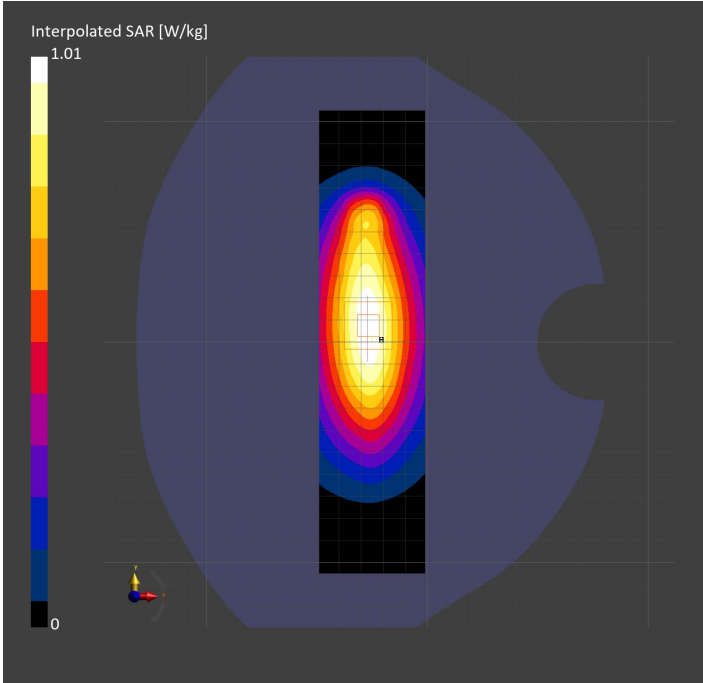
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.1
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.614	0.626
psSAR10g [W/Kg]	0.413	0.419
Power Drift [dB]	N/A	-0.03



Measurement Report for Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 12	TSL Permittivity	43.4
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.860
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

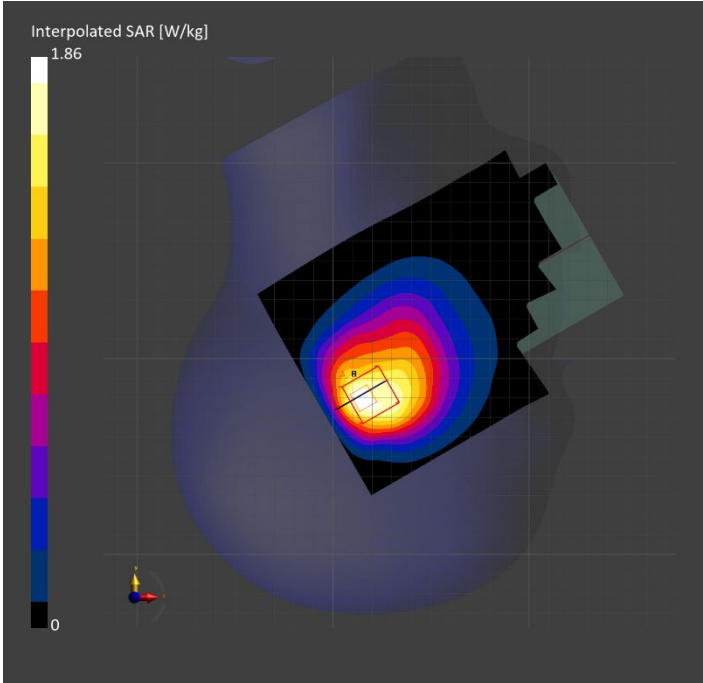
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		70.6
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.732	0.791
psSAR10g [W/Kg]	0.496	0.459
Power Drift [dB]	N/A	-0.02



Measurement Report for Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 12	TSL Permittivity	43.4
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.860
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

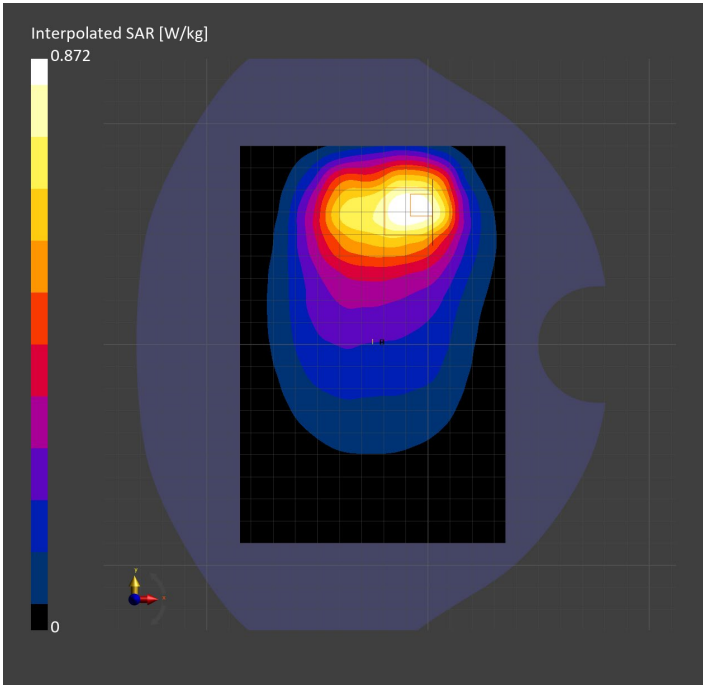
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.5
Dist 3dB Peak [mm]		18.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.444	0.443
psSAR10g [W/Kg]	0.299	0.259
Power Drift [dB]	N/A	-0.01



Measurement Report for Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 13	TSL Permittivity	43.1
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.840
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

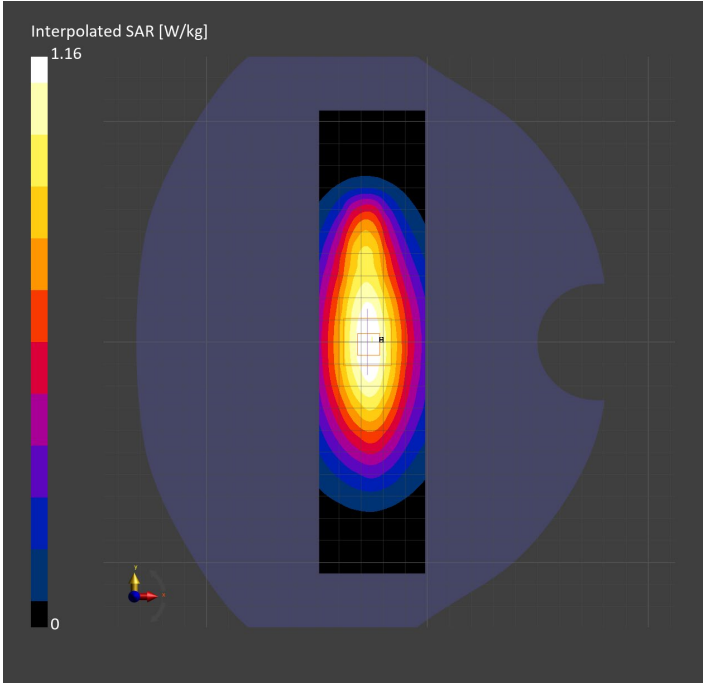
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.1
Dist 3dB Peak [mm]		19.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.695	0.713
psSAR10g [W/Kg]	0.463	0.472
Power Drift [dB]	N/A	-0.02



Measurement Report for Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 13	TSL Permittivity	43.1
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.888
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

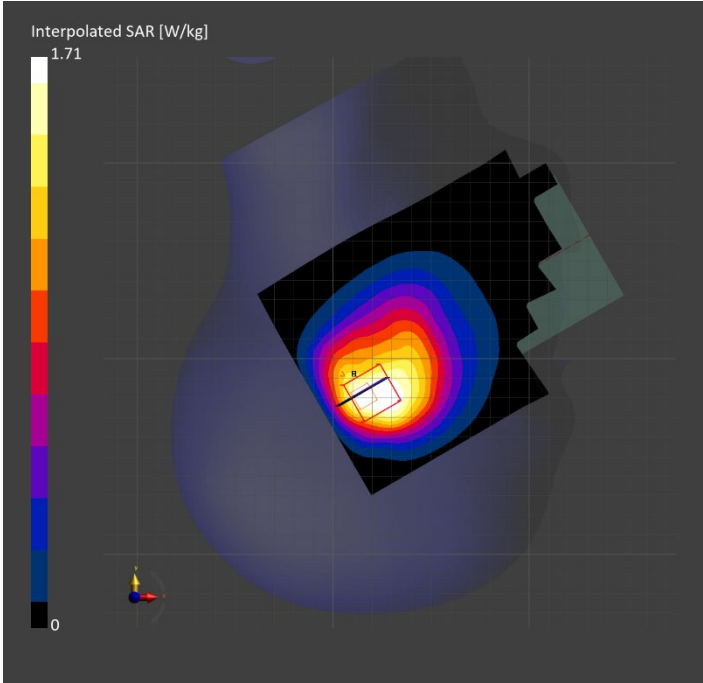
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		72.6
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.764
psSAR10g [W/Kg]	0.496	0.465
Power Drift [dB]	N/A	-0.02



Measurement Report for Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 13	TSL Permittivity	43.1
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.888
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

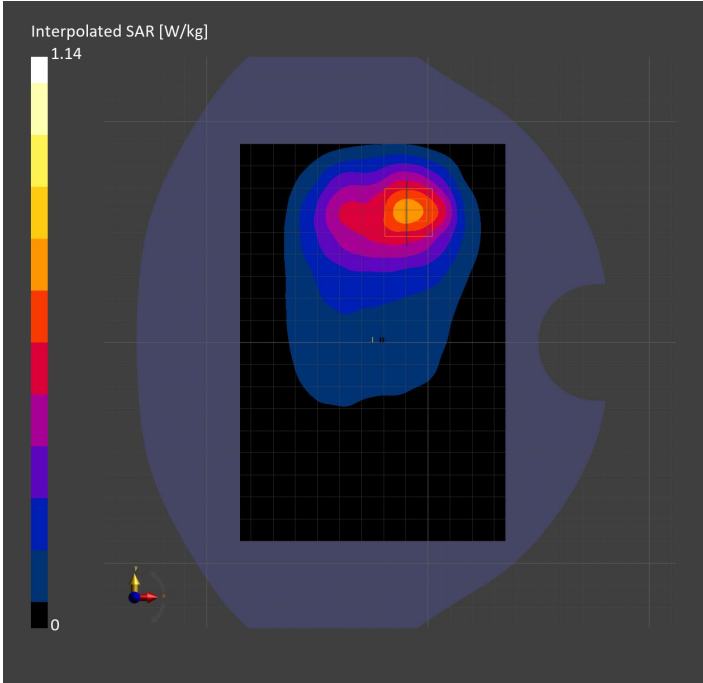
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.3
Dist 3dB Peak [mm]		13.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.619	0.619
psSAR10g [W/Kg]	0.399	0.357
Power Drift [dB]	N/A	-0.05



Measurement Report for Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 14	TSL Permittivity	43.1
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.843
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

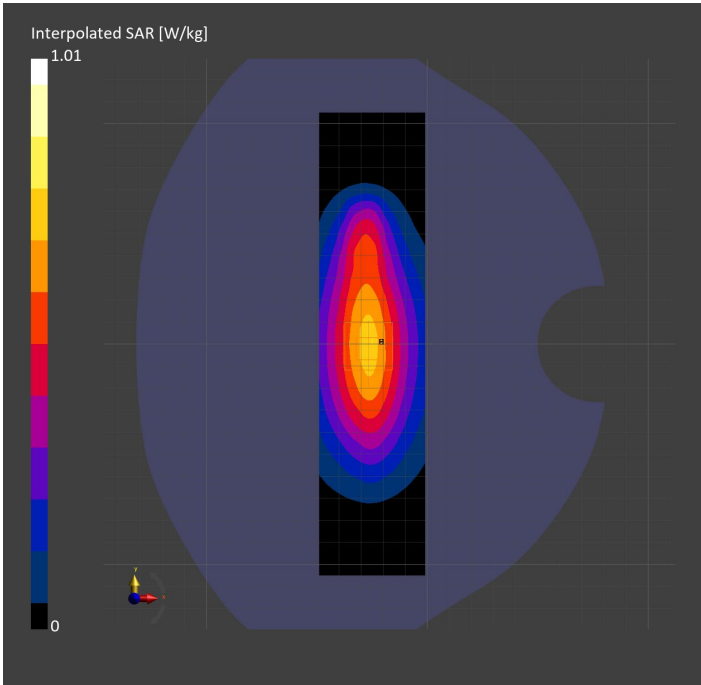
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.2
Dist 3dB Peak [mm]		21.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.618	0.626
psSAR10g [W/Kg]	0.409	0.414
Power Drift [dB]	N/A	-0.00



Measurement Report for Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 14	TSL Permittivity	43.1
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.892
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

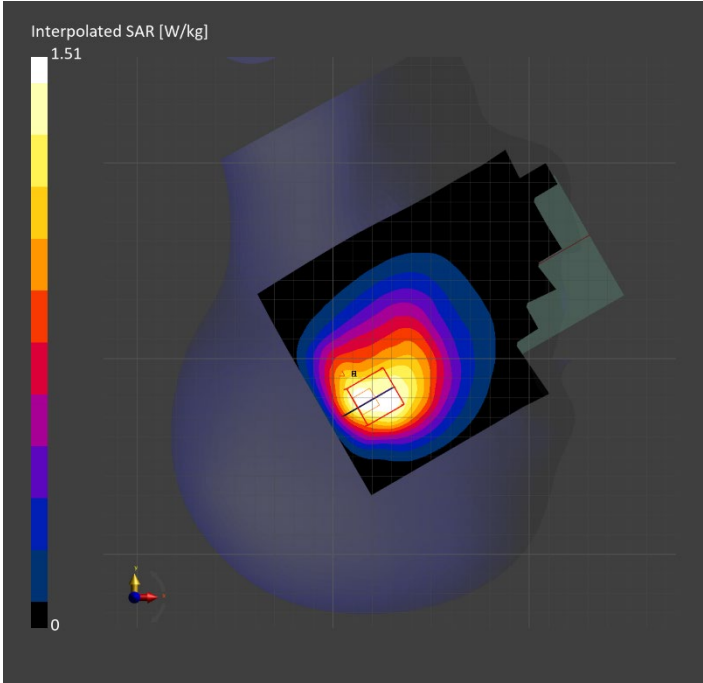
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.0
Dist 3dB Peak [mm]		8.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.685	0.710
psSAR10g [W/Kg]	0.467	0.433
Power Drift [dB]	N/A	-0.01



Measurement Report for Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	43.1
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.892
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

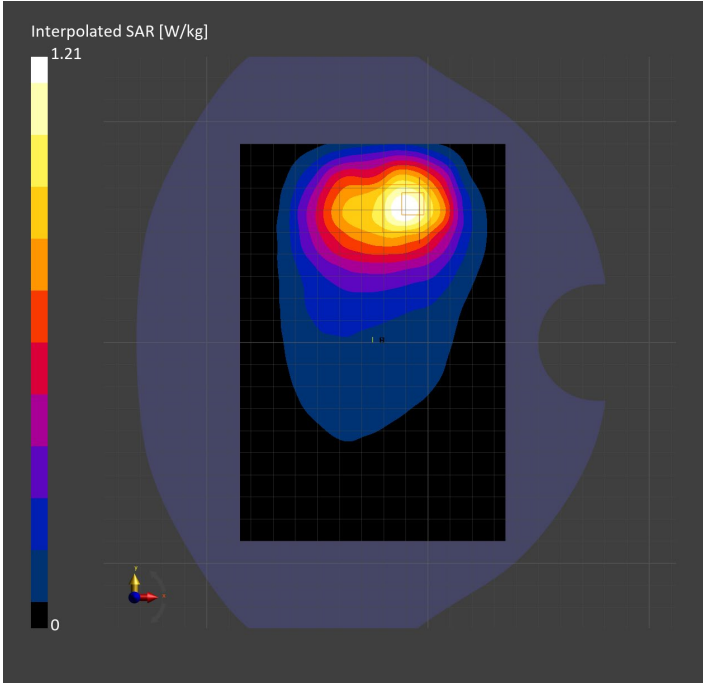
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.1
Dist 3dB Peak [mm]		16.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.676	0.665
psSAR10g [W/Kg]	0.436	0.388
Power Drift [dB]	N/A	-0.05



Measurement Report for Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 25	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

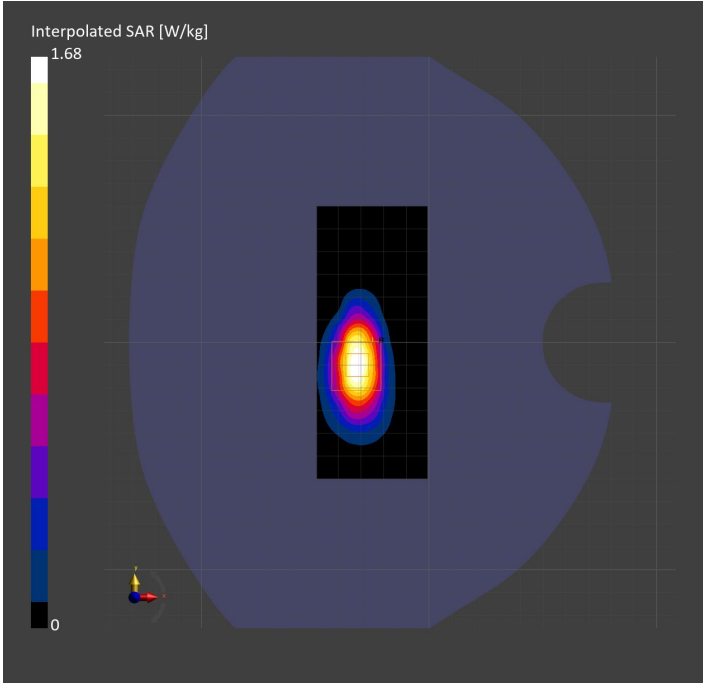
Probe Calibration Date	EX3DV4 - SN3991 2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		7.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.768	0.788
psSAR10g [W/Kg]	0.370	0.369
Power Drift [dB]	N/A	-0.00



Measurement Report for Band 25: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 25	TSL Permittivity	39.9
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.41
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

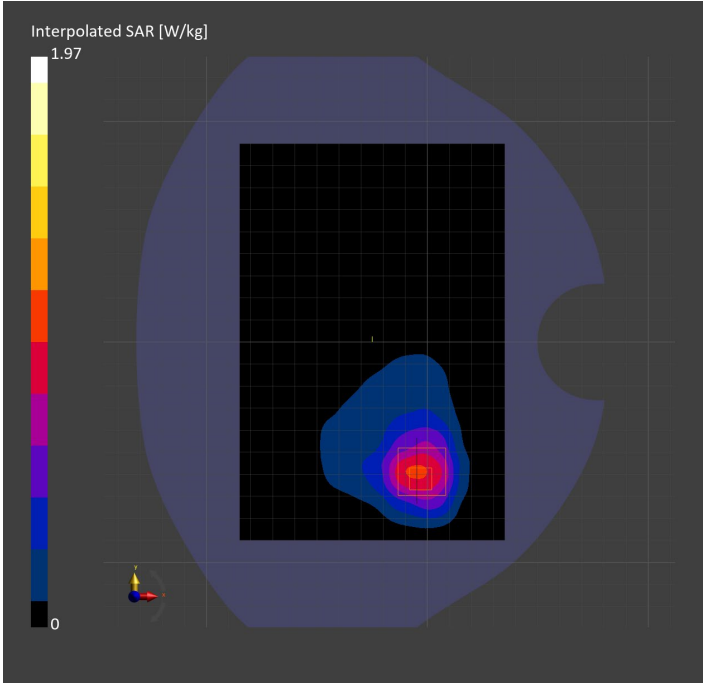
Probe Calibration Date	EX3DV4 - SN3991 2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		77.6
Dist 3dB Peak [mm]		10.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.853	0.913
psSAR10g [W/Kg]	0.473	0.462
Power Drift [dB]	N/A	-0.03



Measurement Report for Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 25	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.42
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.53	Test Distance [mm]	0.00

Hardware Setup

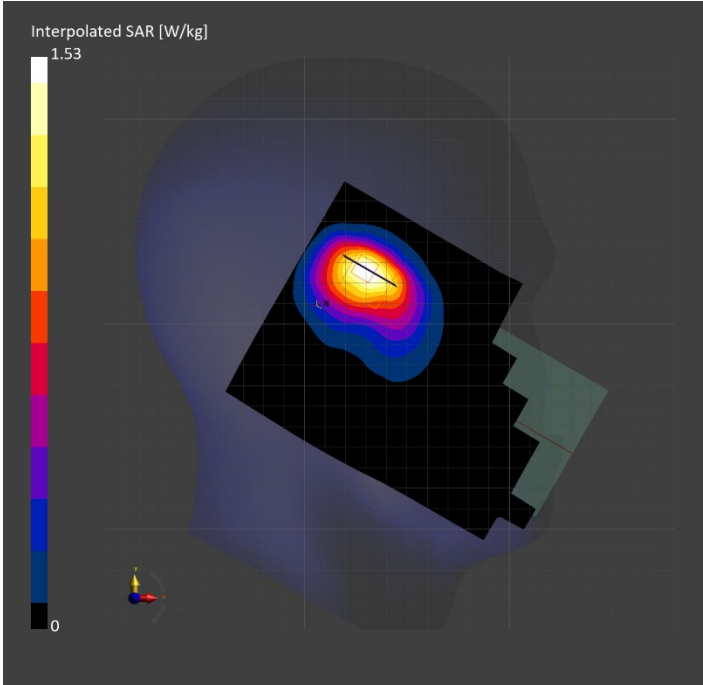
Probe Calibration Date	EX3DV4 - SN7807 2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		84.6
Dist 3dB Peak [mm]		9.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.865	0.838
psSAR10g [W/Kg]	0.481	0.471
Power Drift [dB]	N/A	-0.01



Measurement Report for Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 26	TSL Permittivity	41.0
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.875
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

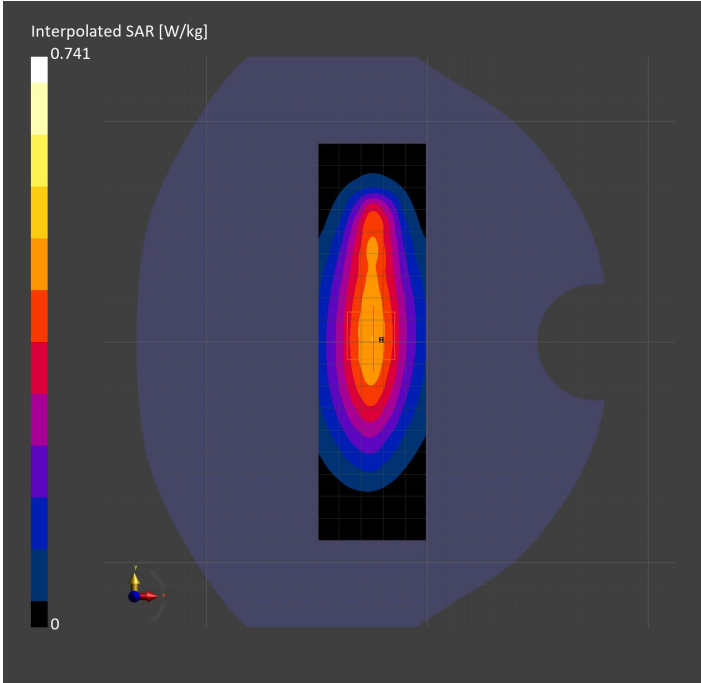
Probe Calibration Date	EX3DV4 - SN7806 2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.7
Dist 3dB Peak [mm]		15.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.424	0.431
psSAR10g [W/Kg]	0.277	0.280
Power Drift [dB]	N/A	0.01



Measurement Report for Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 26	TSL Permittivity	40.1
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.865
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

Hardware Setup

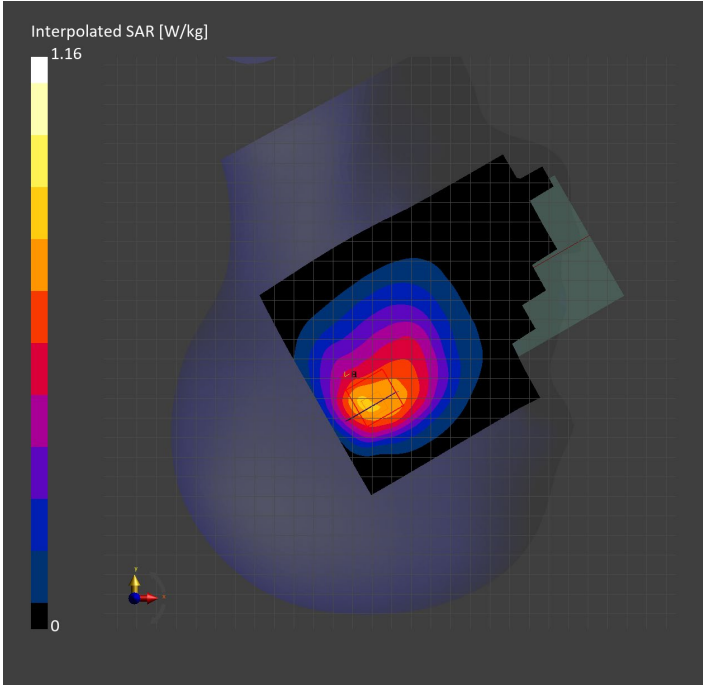
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		82.4
Dist 3dB Peak [mm]		8.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.680	0.660
psSAR10g [W/Kg]	0.459	0.443
Power Drift [dB]	N/A	0.03



Measurement Report for Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 26	TSL Permittivity	43.3
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.944
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.83	Test Distance [mm]	5.00

Hardware Setup

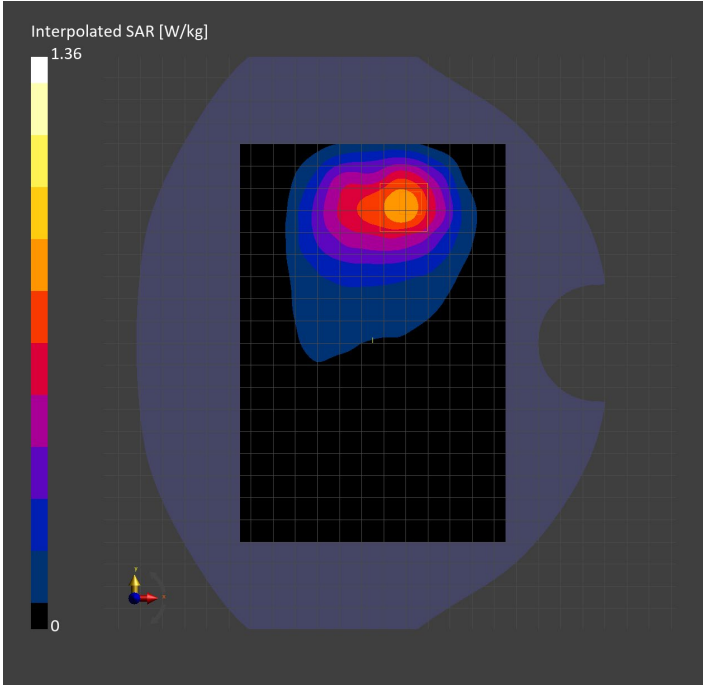
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		82.7	82.1
Dist 3dB Peak [mm]		15.1	15.1

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.766	0.778	0.777
psSAR10g [W/Kg]	0.494	0.461	0.460
Power Drift [dB]	N/A	-0.30	-0.23



Measurement Report for Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 30	TSL Permittivity	39.3
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.65
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.71	Test Distance [mm]	5.00

Hardware Setup

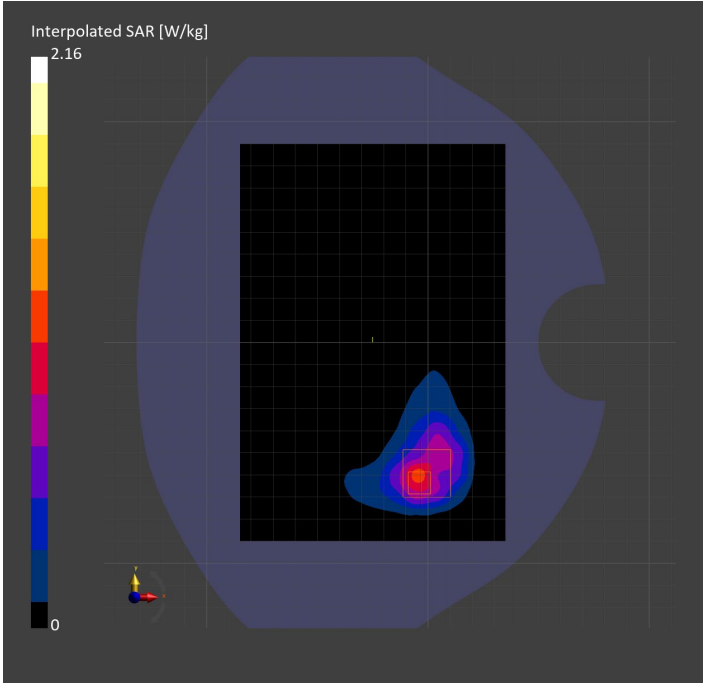
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DAE Calibration Date	DAE4 Sn1380 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		76.5
Dist 3dB Peak [mm]		7.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.867	0.887
psSAR10g [W/Kg]	0.430	0.385
Power Drift [dB]	N/A	-0.04



Measurement Report for Band 30: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 30	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.61
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.71	Test Distance [mm]	0.00

Hardware Setup

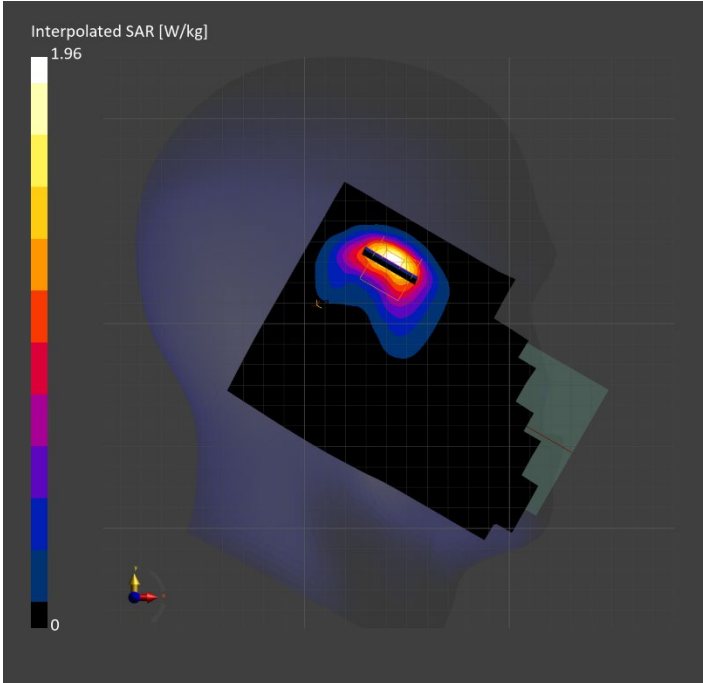
Probe Calibration Date	EX3DV4 - SN7482 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		76.0
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.750	0.798
psSAR10g [W/Kg]	0.352	0.353
Power Drift [dB]	N/A	0.07



Measurement Report for Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 30	TSL Permittivity	39.3
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.65
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.71	Test Distance [mm]	5.00

Hardware Setup

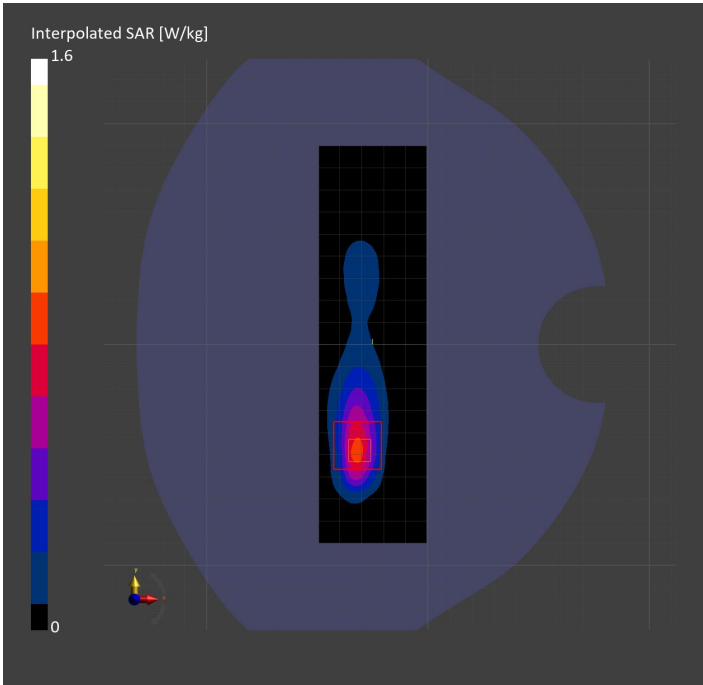
Probe Calibration Date	EX3DV4 - SN7482 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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]		6.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.645	0.685
psSAR10g [W/Kg]	0.284	0.288
Power Drift [dB]	N/A	0.01



Measurement Report for Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 41	TSL Permittivity	37.8
Frequency [MHz] Channel Number	2506.000 39750	TSL Conductivity [S/m]	1.93
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.32	Test Distance [mm]	5.00

Hardware Setup

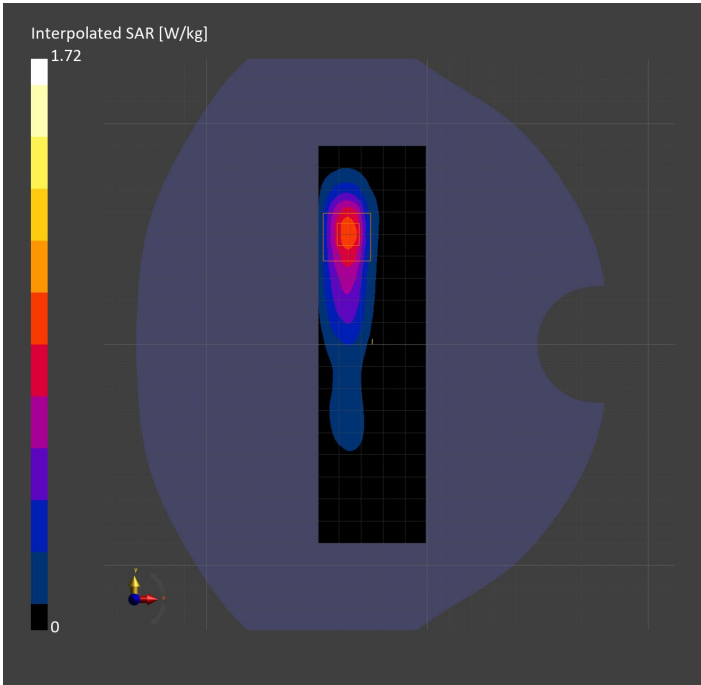
Probe Calibration Date	EX3DV4 - SN3885 2022-09-20	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1548 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		75.5
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.784	0.808
psSAR10g [W/Kg]	0.340	0.334
Power Drift [dB]	N/A	-0.00



Measurement Report for 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	39.6
Frequency [MHz] Channel Number	2636.500 41055	TSL Conductivity [S/m]	1.96
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.39	Test Distance [mm]	0.00

Hardware Setup

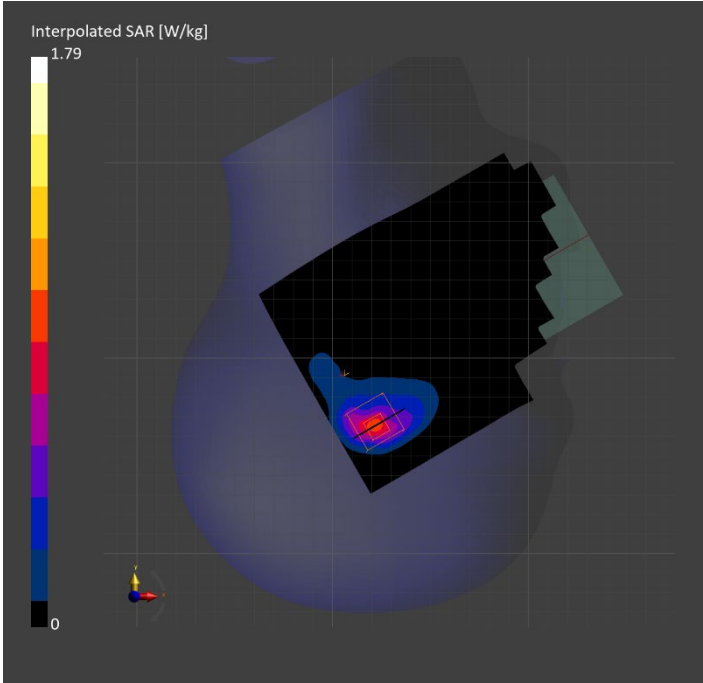
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.8
Dist 3dB Peak [mm]		6.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.704	0.726
psSAR10g [W/Kg]	0.313	0.305
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 41	TSL Permittivity	38.5
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.94
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.39	Test Distance [mm]	5.00

Hardware Setup

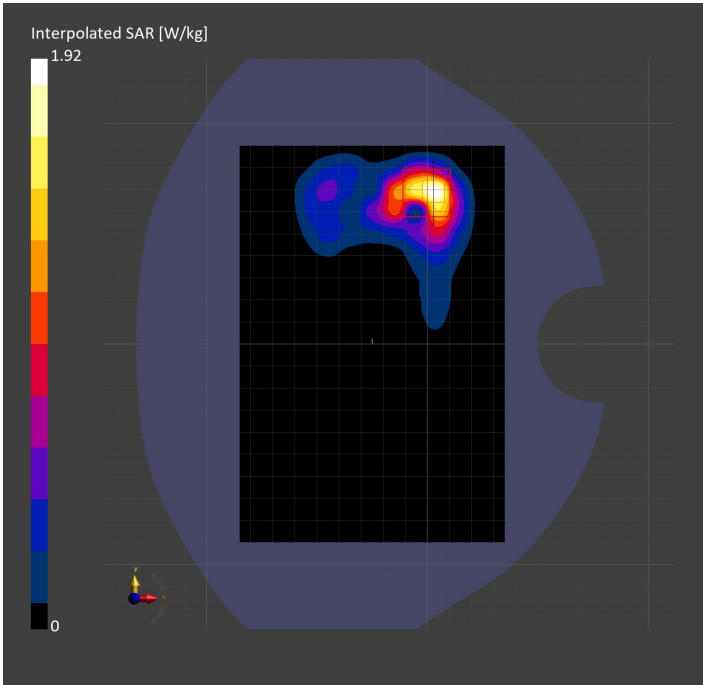
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		76.9
Dist 3dB Peak [mm]		5.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.809	0.782
psSAR10g [W/Kg]	0.348	0.323
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band 48	TSL Permittivity	38.7
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.88
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

Hardware Setup

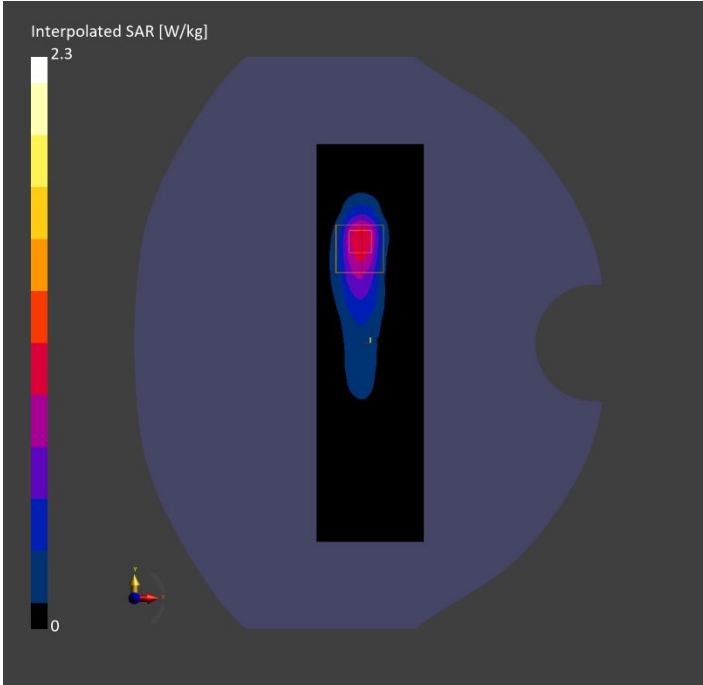
Probe Calibration Date	EX3DV4 - SN7335 2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	8.1 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.8
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.809	0.827
psSAR10g [W/Kg]	0.319	0.312
Power Drift [dB]	N/A	-0.03



Measurement Report for Band 48: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 48	TSL Permittivity	38.2
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.83
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	6.79	Test Distance [mm]	0.00

Hardware Setup

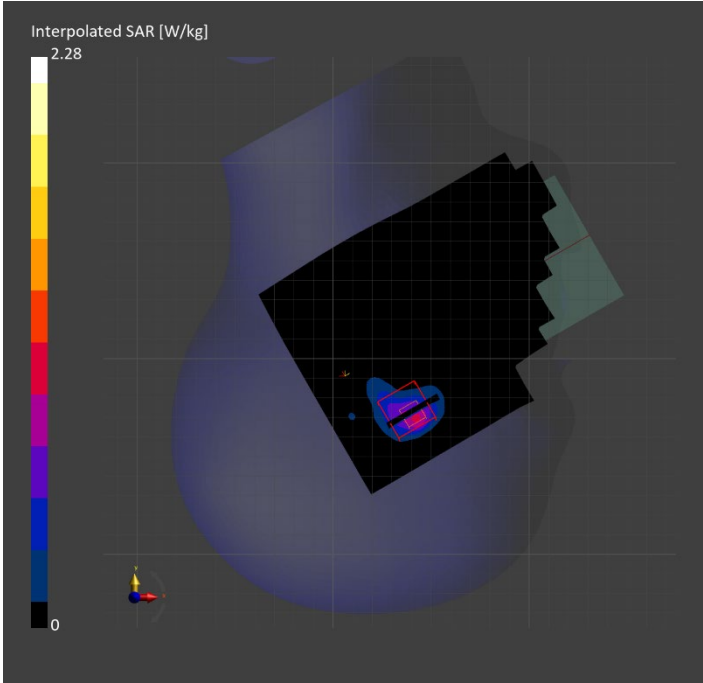
Probe Calibration Date	EX3DV4 - SN3990 2023-02-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.4
Dist 3dB Peak [mm]		5.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.662	0.755
psSAR10g [W/Kg]	0.258	0.257
Power Drift [dB]	N/A	0.02



Measurement Report for Band 48: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 48	TSL Permittivity	36.9
Frequency [MHz] Channel Number	3690.000 56640	TSL Conductivity [S/m]	3.00
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.92	Test Distance [mm]	5.00

Hardware Setup

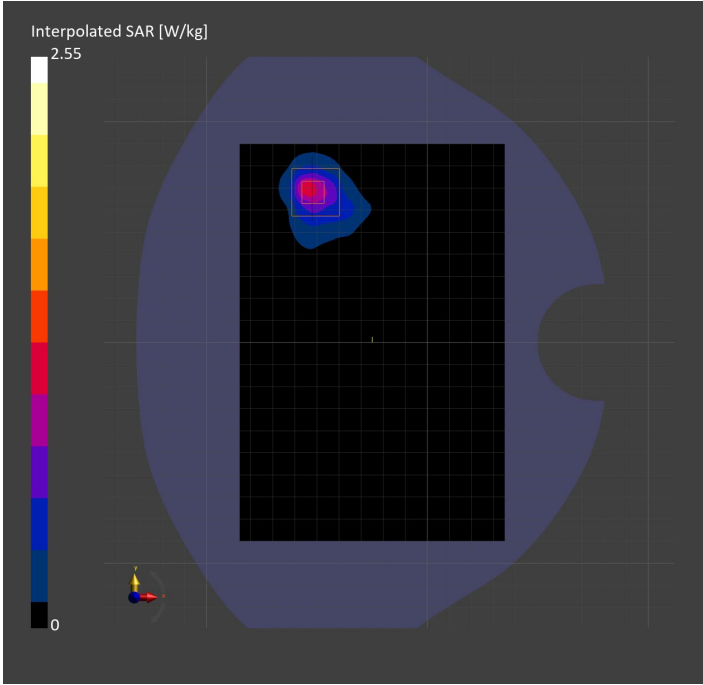
Probe Calibration Date	EX3DV4 - SN7335 2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		8.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.818	0.870
psSAR10g [W/Kg]	0.310	0.306
Power Drift [dB]	N/A	-0.02



Measurement Report for Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 53	TSL Permittivity	37.8
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.82
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

Hardware Setup

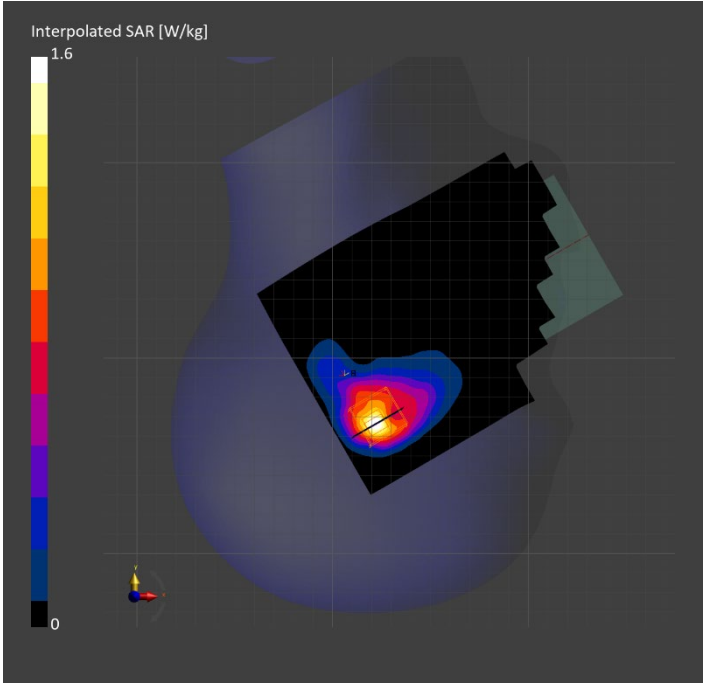
Probe Calibration Date	EX3DV4 - SN3772 2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.4
Dist 3dB Peak [mm]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.659	0.666
psSAR10g [W/Kg]	0.306	0.294
Power Drift [dB]	N/A	0.02



Measurement Report for Band 53: LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 53	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.86
Group UID	LTE-TDD 10488-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

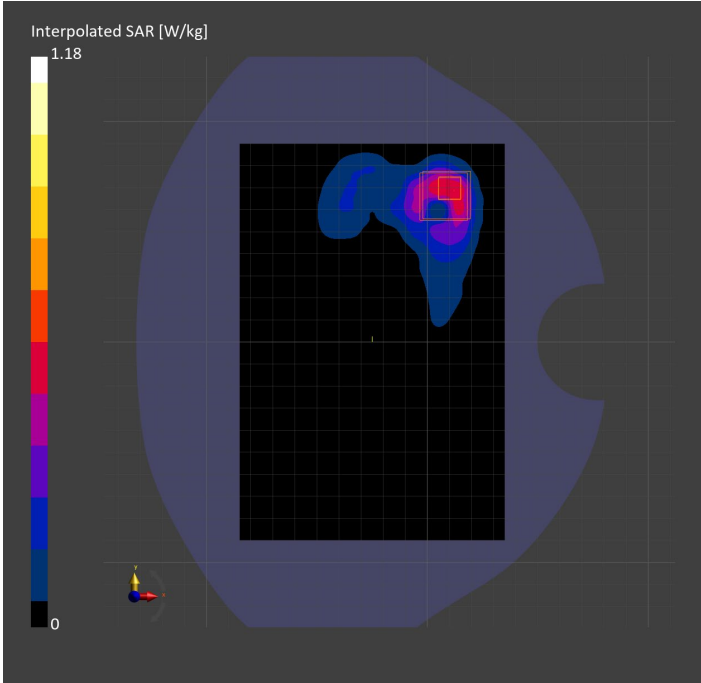
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DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		79.2	78.7
Dist 3dB Peak [mm]		5.7	5.7

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.443	0.488	0.489
psSAR10g [W/Kg]	0.206	0.195	0.195
Power Drift [dB]	N/A	0.44	-0.10



Measurement Report for Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 53	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.86
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

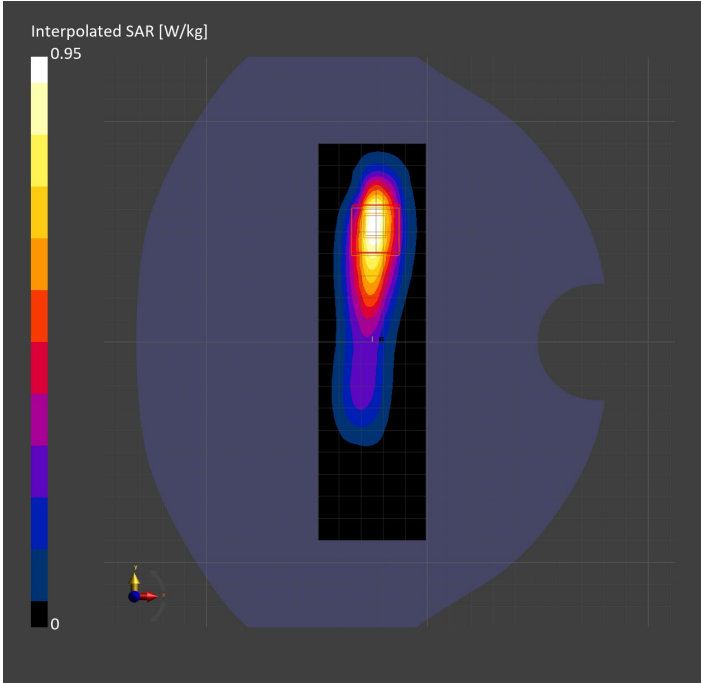
Probe Calibration Date	EX3DV4 - SN3772 2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		80.5
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.443	0.442
psSAR10g [W/Kg]	0.204	0.199
Power Drift [dB]	N/A	0.05



Measurement Report for Band 66: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band 66	TSL Permittivity	39.8
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

Hardware Setup

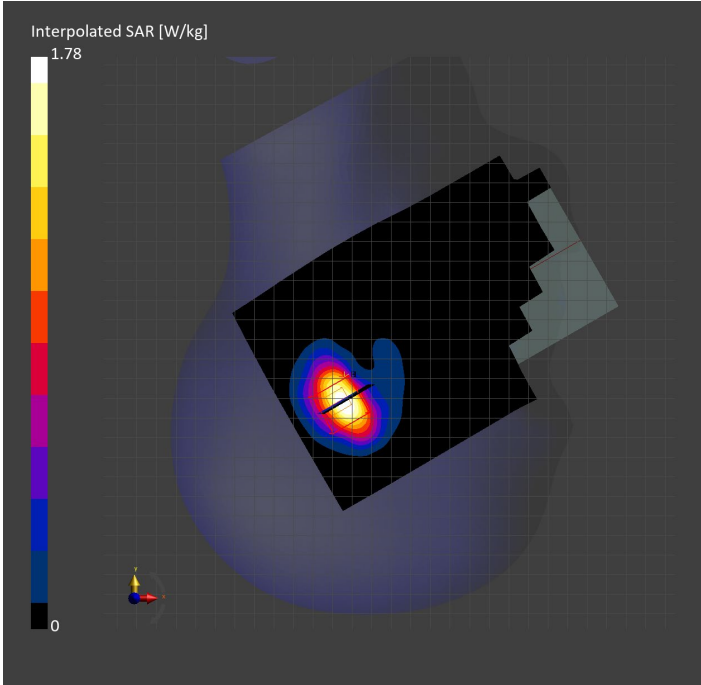
Probe Calibration Date	EX3DV4 - SN7569 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		7.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.765	0.833
psSAR10g [W/Kg]	0.397	0.390
Power Drift [dB]	N/A	-0.02



Measurement Report for Band 66: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band 66	TSL Permittivity	38.1
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.34
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

Hardware Setup

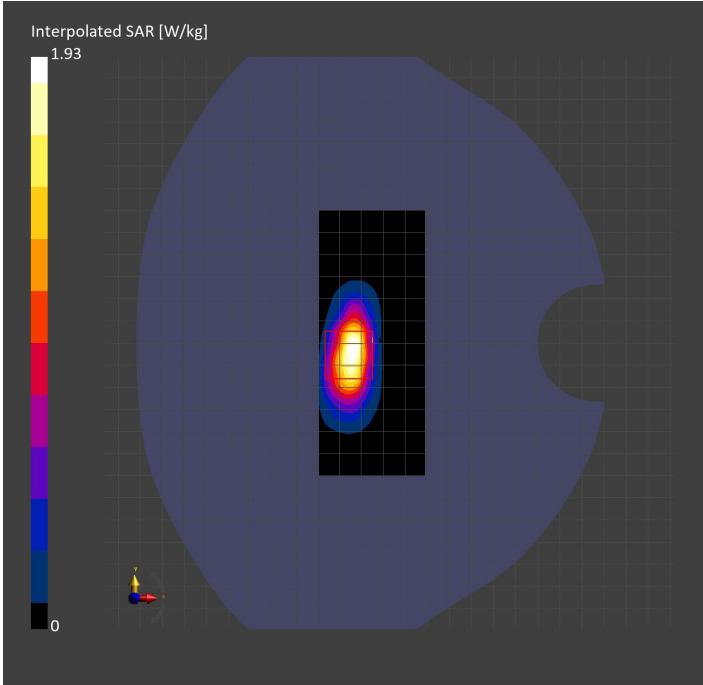
Probe Calibration Date	EX3DV4 - SN7569 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.2
Dist 3dB Peak [mm]		6.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.790	0.821
psSAR10g [W/Kg]	0.366	0.368
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 66	TSL Permittivity	39.5
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

Hardware Setup

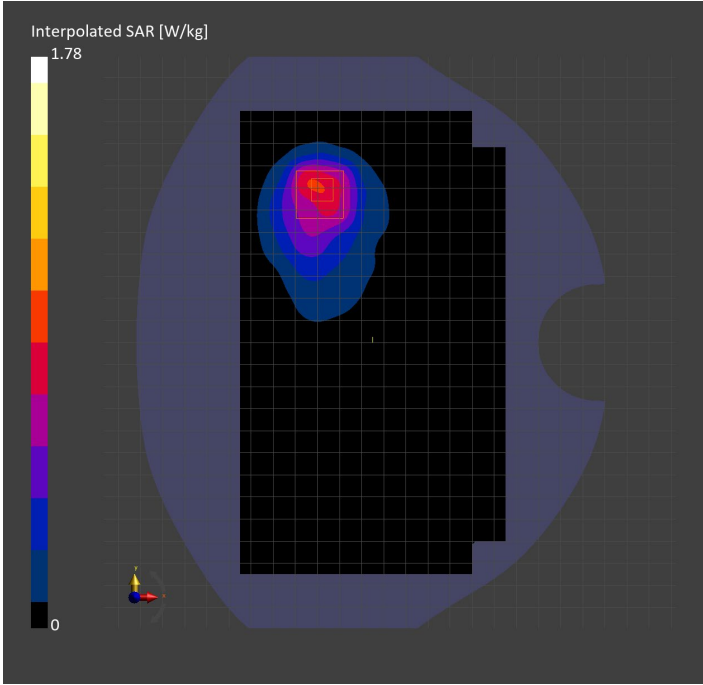
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.7
Dist 3dB Peak [mm]		10.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.764	0.800
psSAR10g [W/Kg]	0.438	0.419
Power Drift [dB]	N/A	0.01



Measurement Report for Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 71	TSL Permittivity	43.4
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.807
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

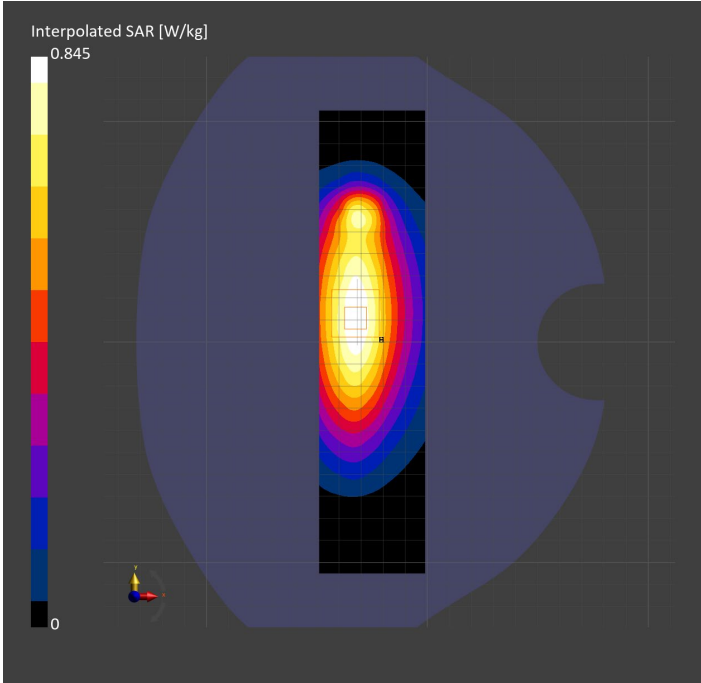
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DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.1
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.524	0.531
psSAR10g [W/Kg]	0.353	0.358
Power Drift [dB]	N/A	0.02



Measurement Report for Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 71	TSL Permittivity	42.7
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.851
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

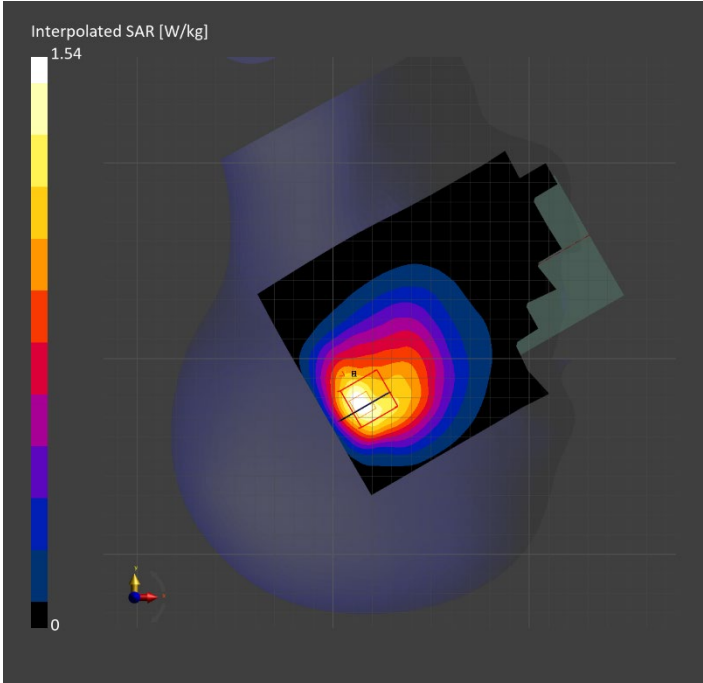
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		72.7
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.683	0.654
psSAR10g [W/Kg]	0.442	0.379
Power Drift [dB]	N/A	-0.00



Measurement Report for Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 71	TSL Permittivity	42.7
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.851
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

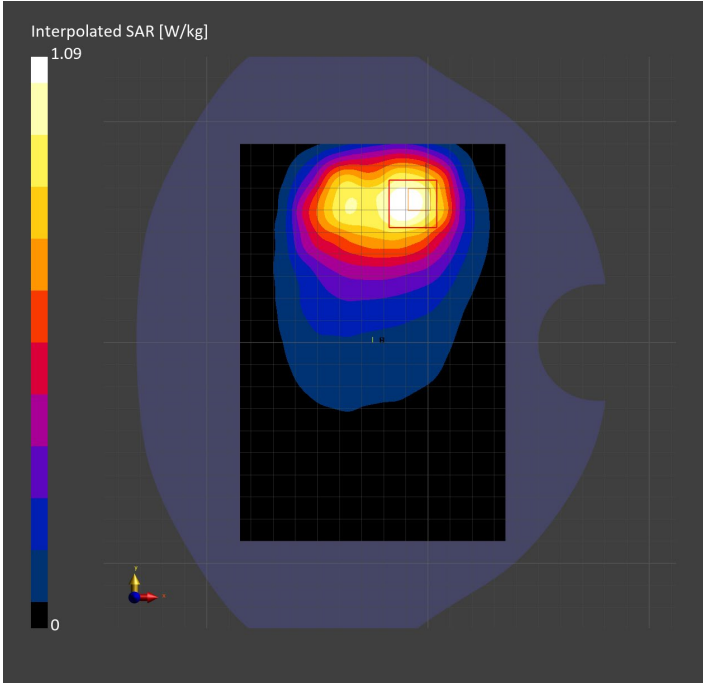
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		76.7
Dist 3dB Peak [mm]		11.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.554	0.538
psSAR10g [W/Kg]	0.373	0.304
Power Drift [dB]	N/A	-0.02



Measurement Report for 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	41.0
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.877
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

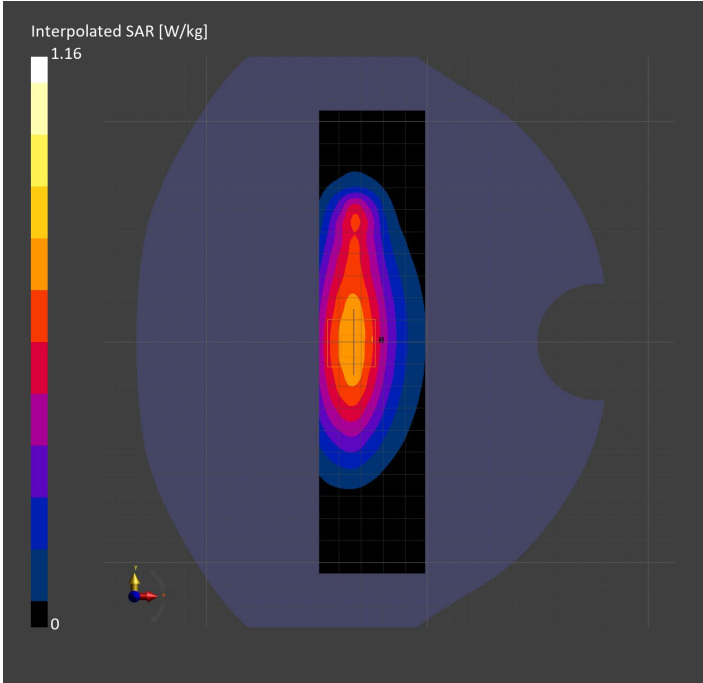
Probe Calibration Date	EX3DV4 - SN7806 2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.5
Dist 3dB Peak [mm]		14.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.657	0.670
psSAR10g [W/Kg]	0.430	0.431
Power Drift [dB]	N/A	-0.16



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

Exposure Conditions

Band	Band n5	TSL Permittivity	43.2
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.945
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

Hardware Setup

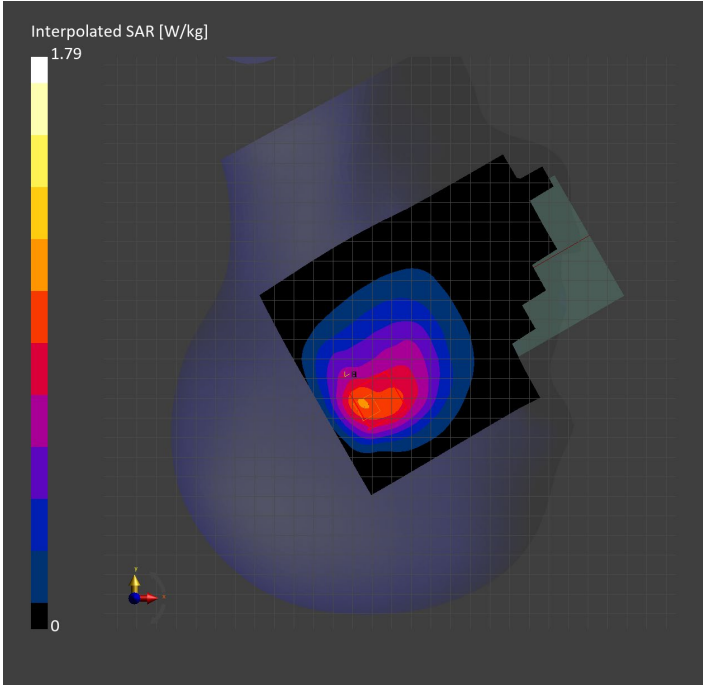
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.4
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.891	0.872
psSAR10g [W/Kg]	0.590	0.559
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n5	TSL Permittivity	43.2
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.945
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.83	Test Distance [mm]	5.00

Hardware Setup

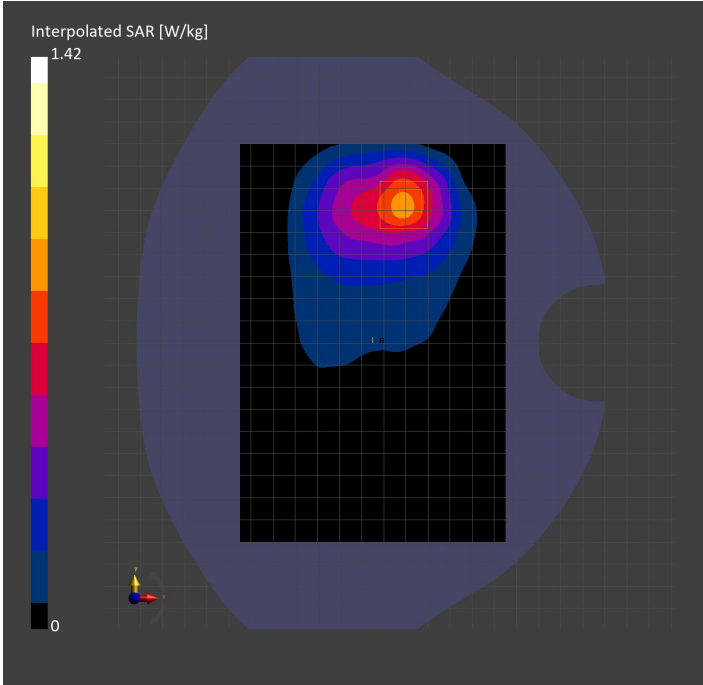
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DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		84.0	83.7
Dist 3dB Peak [mm]		13.7	13.7

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.759	0.783	0.780
psSAR10g [W/Kg]	0.487	0.455	0.452
Power Drift [dB]	N/A	-0.32	-0.26



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

Exposure Conditions

Band	Band n7	TSL Permittivity	39.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.88
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.39	Test Distance [mm]	0.00

Hardware Setup

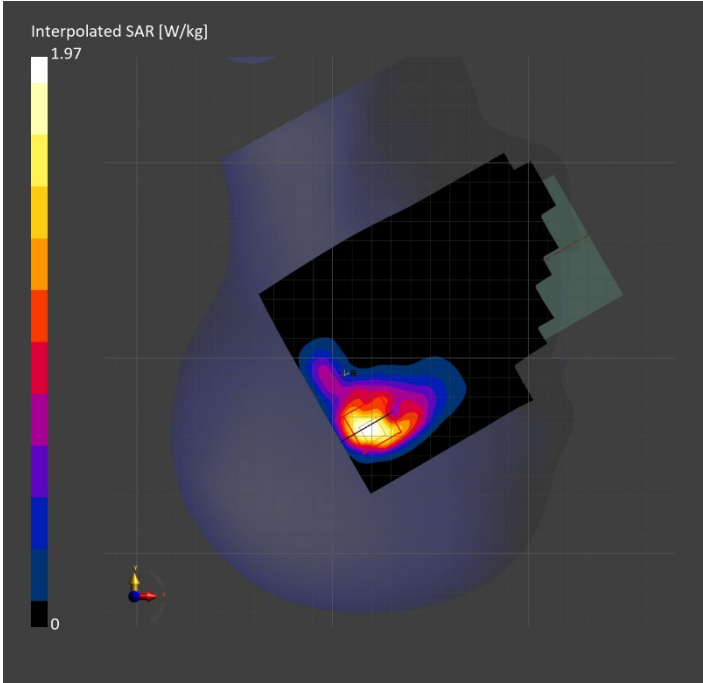
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.8
Dist 3dB Peak [mm]		6.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.761	0.808
psSAR10g [W/Kg]	0.368	0.351
Power Drift [dB]	N/A	0.10



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

Exposure Conditions

Band	Band n7	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.85
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

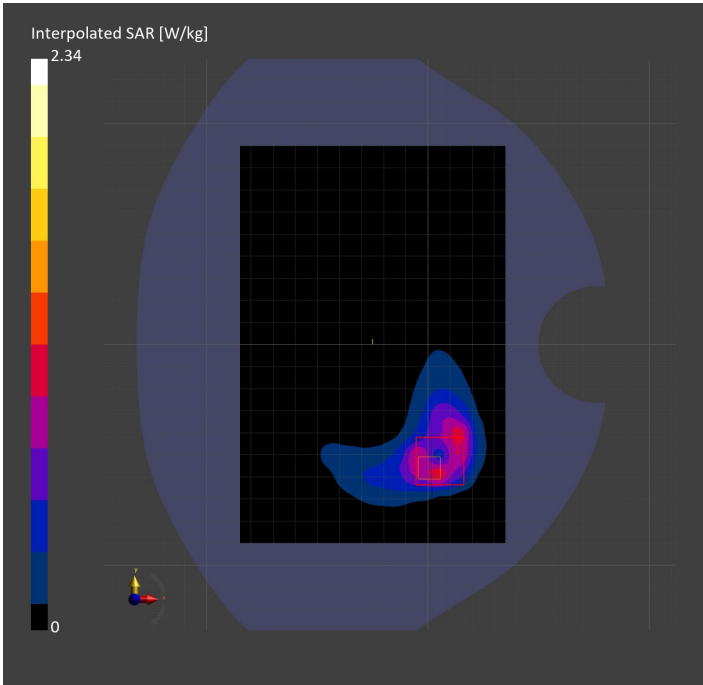
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DAE Calibration Date	DAE4 Sn1796 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		74.6
Dist 3dB Peak [mm]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.786	0.921
psSAR10g [W/Kg]	0.411	0.384
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n7	TSL Permittivity	40.2
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.83
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

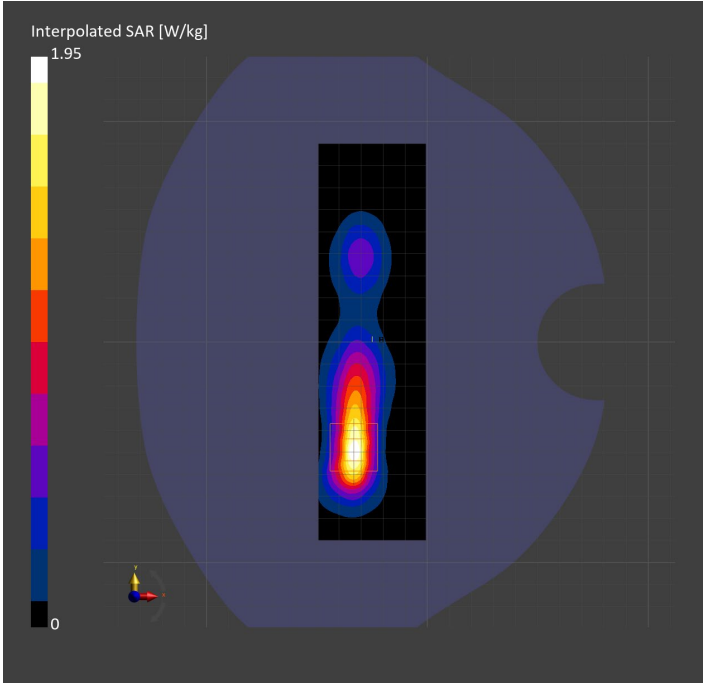
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DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		78.2
Dist 3dB Peak [mm]		6.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.846	0.866
psSAR10g [W/Kg]	0.361	0.369
Power Drift [dB]	N/A	0.01



Measurement Report for 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	43.3
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.816
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

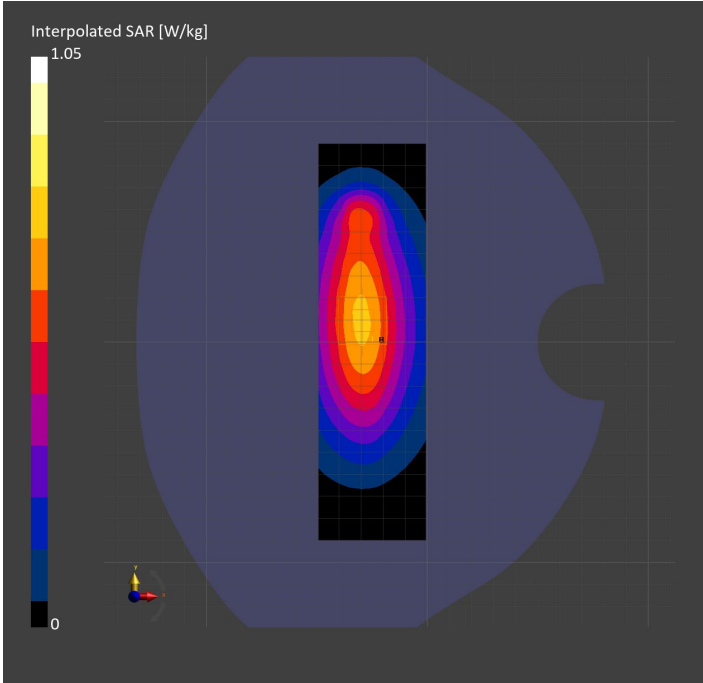
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DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		83.7
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.635	0.646
psSAR10g [W/Kg]	0.427	0.432
Power Drift [dB]	N/A	0.01



Measurement Report for Band n12: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.860
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

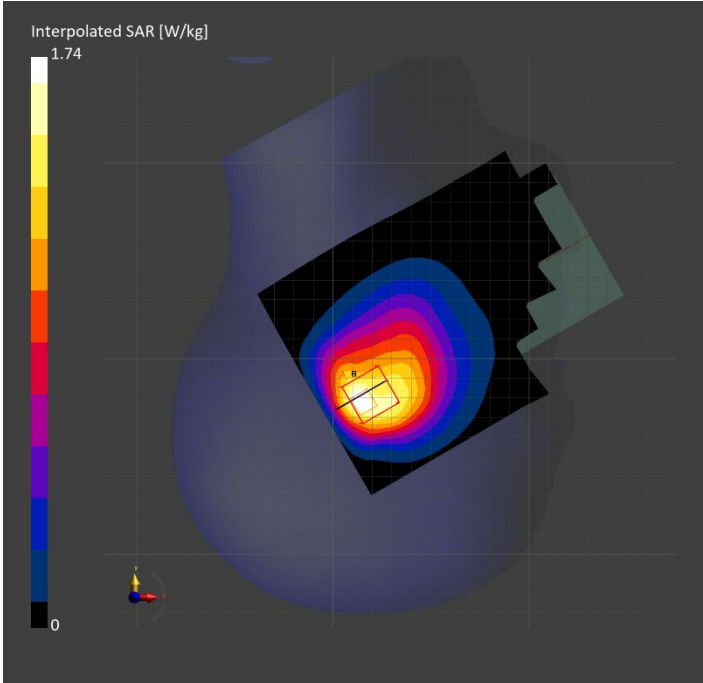
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		72.4
Dist 3dB Peak [mm]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.730	0.752
psSAR10g [W/Kg]	0.485	0.442
Power Drift [dB]	N/A	0.02



Measurement Report for Band n12: 5G NR (DFT-s-OFDM, 1 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]	0.860
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

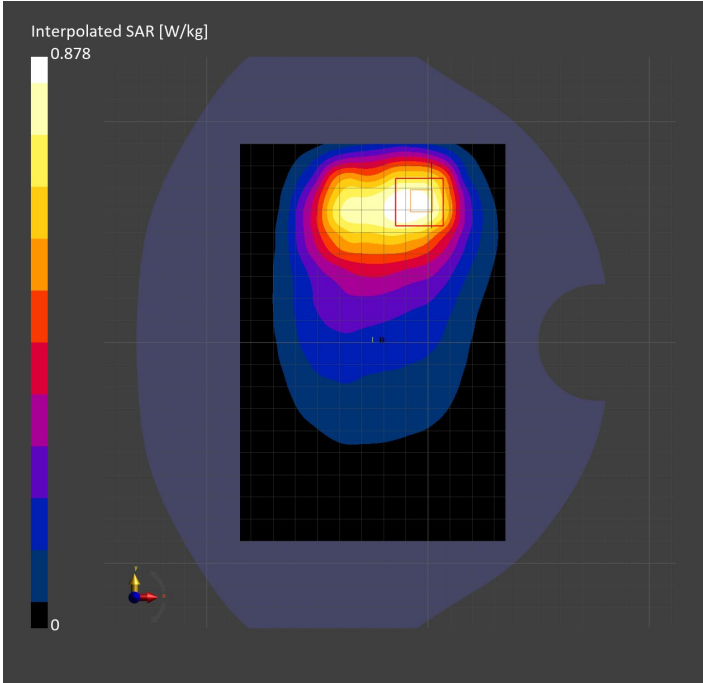
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.4
Dist 3dB Peak [mm]		11.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.449	0.446
psSAR10g [W/Kg]	0.304	0.260
Power Drift [dB]	N/A	-0.01



Measurement Report for Band n14: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n14	TSL Permittivity	43.1
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.843
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

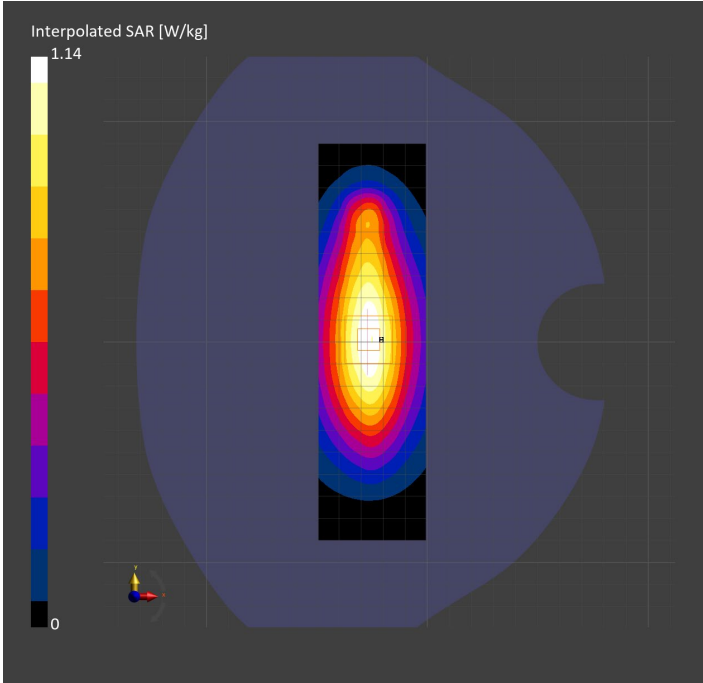
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.698	0.705
psSAR10g [W/Kg]	0.461	0.465
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n14	TSL Permittivity	42.3
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.888
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

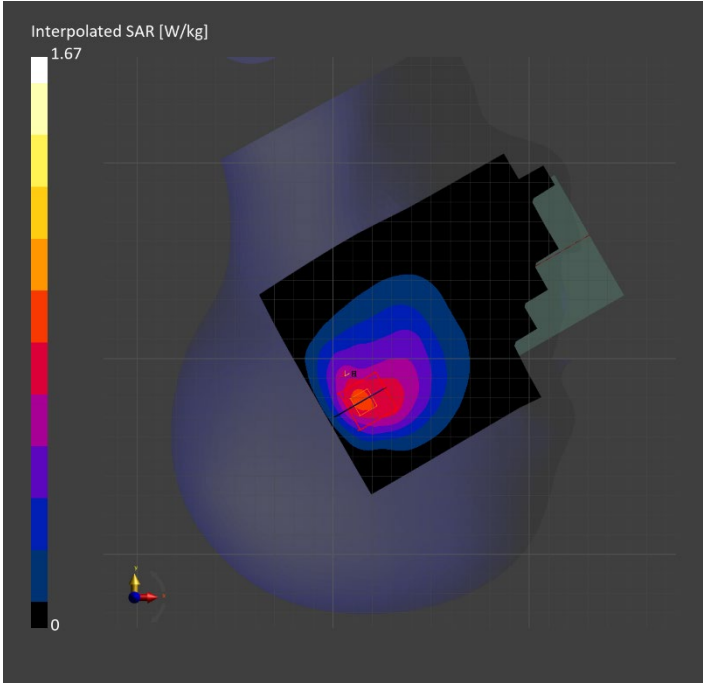
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.0
Dist 3dB Peak [mm]		8.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.754	0.748
psSAR10g [W/Kg]	0.495	0.430
Power Drift [dB]	N/A	0.00



Measurement Report for Band n14: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n14	TSL Permittivity	42.3
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.888
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

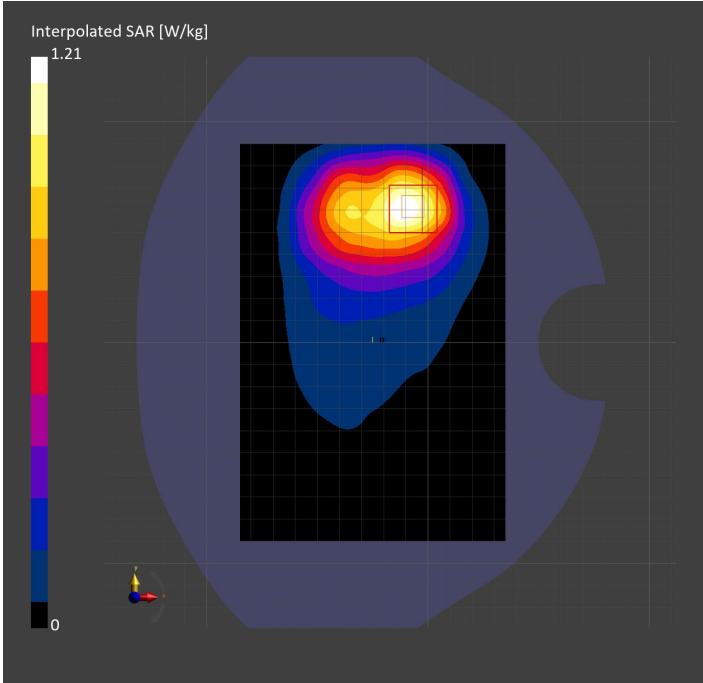
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		84.2
Dist 3dB Peak [mm]		14.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.690	0.676
psSAR10g [W/Kg]	0.447	0.395
Power Drift [dB]	N/A	-0.01



Measurement Report for Band n25: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band n25	TSL Permittivity	38.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.42
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.53	Test Distance [mm]	5.00

Hardware Setup

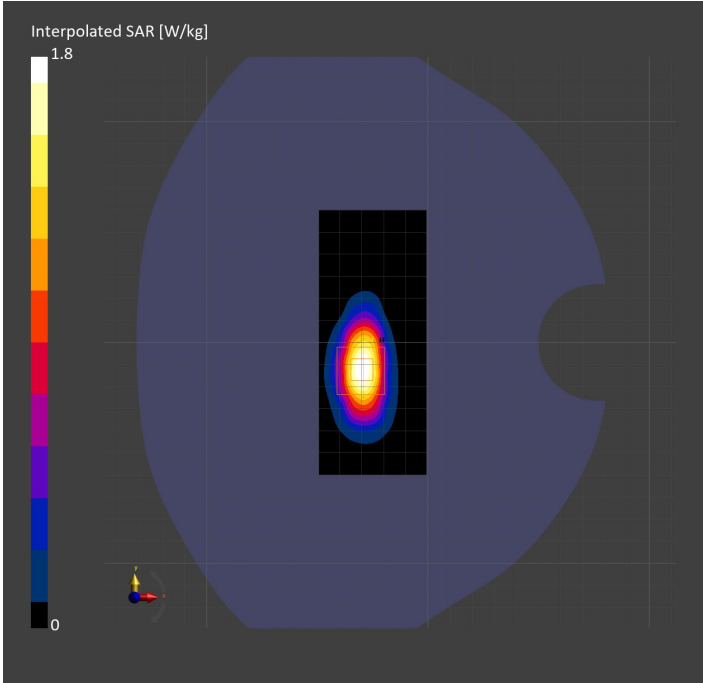
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		76.6
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.809	0.829
psSAR10g [W/Kg]	0.390	0.382
Power Drift [dB]	N/A	-0.03



Measurement Report for Band n25: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n25	TSL Permittivity	39.5
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.41
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.53	Test Distance [mm]	0.00

Hardware Setup

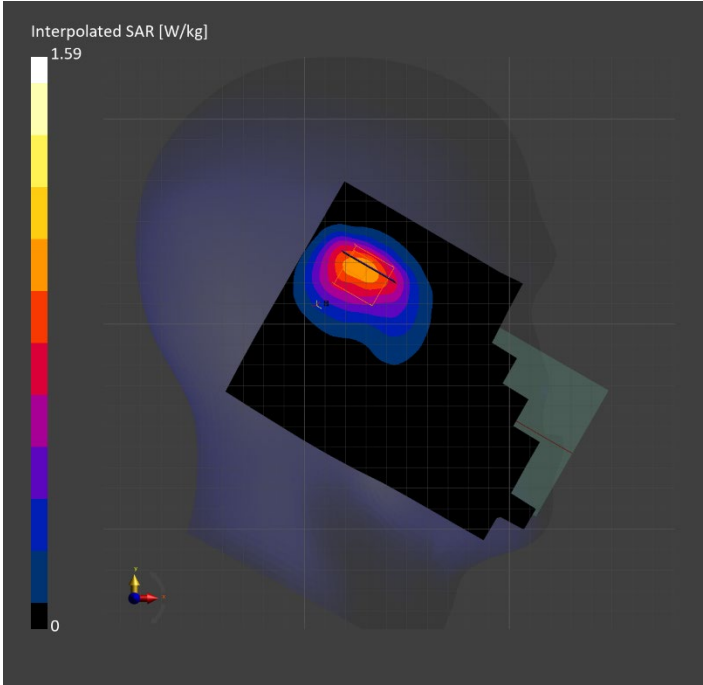
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DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		79.2
Dist 3dB Peak [mm]		8.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.845	0.832
psSAR10g [W/Kg]	0.474	0.460
Power Drift [dB]	N/A	-0.06



Measurement Report for 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	38.3
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.43
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

Hardware Setup

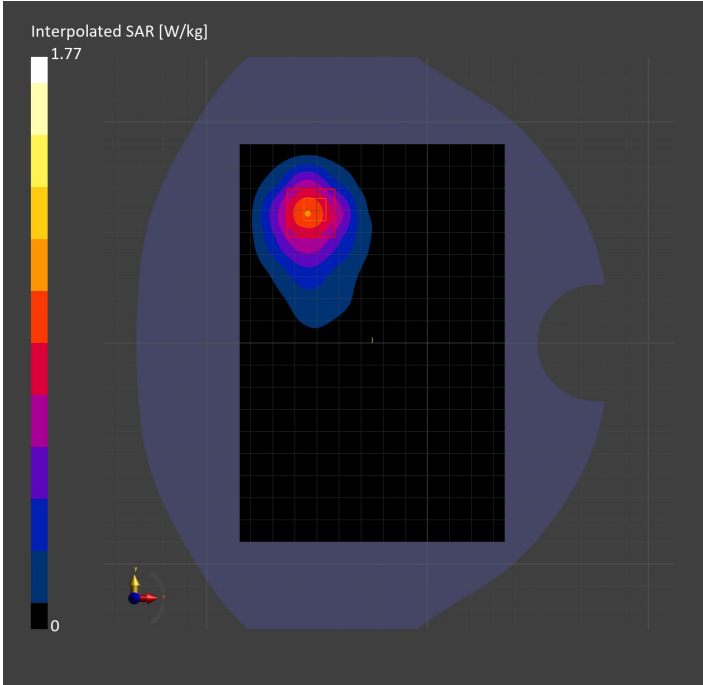
Probe Calibration Date	EX3DV4 - SN3991 2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2022-05-17	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.7
Dist 3dB Peak [mm]		10.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.841	0.852
psSAR10g [W/Kg]	0.463	0.442
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n26	TSL Permittivity	41.6
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.892
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

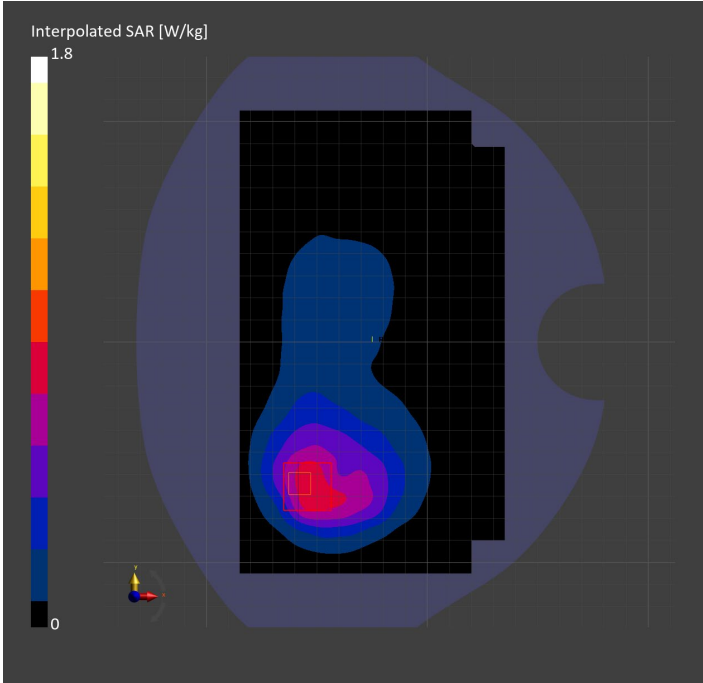
Probe Calibration Date	EX3DV4 - SN7806 2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.5
Dist 3dB Peak [mm]		8.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.760	0.749
psSAR10g [W/Kg]	0.496	0.407
Power Drift [dB]	N/A	-0.07



Measurement Report for Band n26: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n26	TSL Permittivity	41.0
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.875
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

Hardware Setup

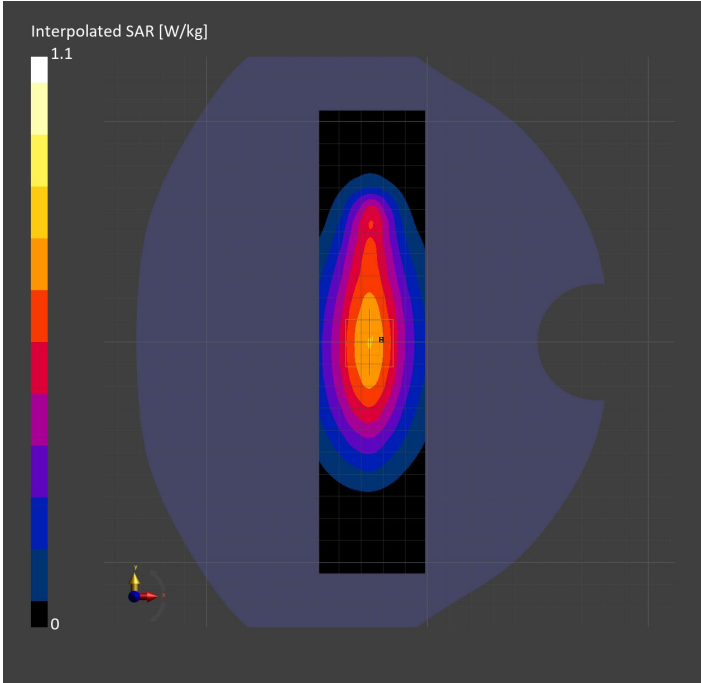
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		82.0
Dist 3dB Peak [mm]		15.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.632	0.642
psSAR10g [W/Kg]	0.414	0.419
Power Drift [dB]	N/A	-0.18



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

Exposure Conditions

Band	Band n26	TSL Permittivity	43.3
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.944
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

Hardware Setup

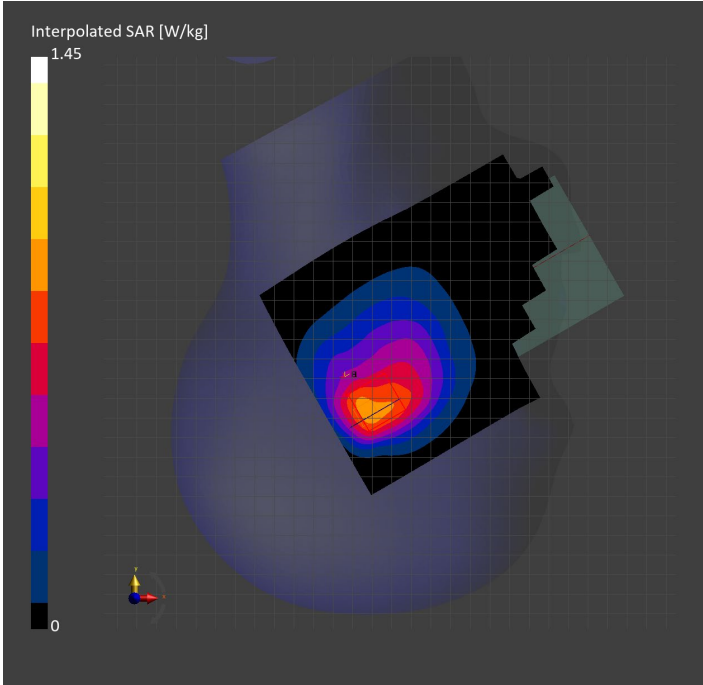
Probe Calibration Date	EX3DV4 - SN3749 2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		80.4
Dist 3dB Peak [mm]		8.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.788	0.760
psSAR10g [W/Kg]	0.520	0.497
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n30	TSL Permittivity	38.6
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.68
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.71	Test Distance [mm]	5.00

Hardware Setup

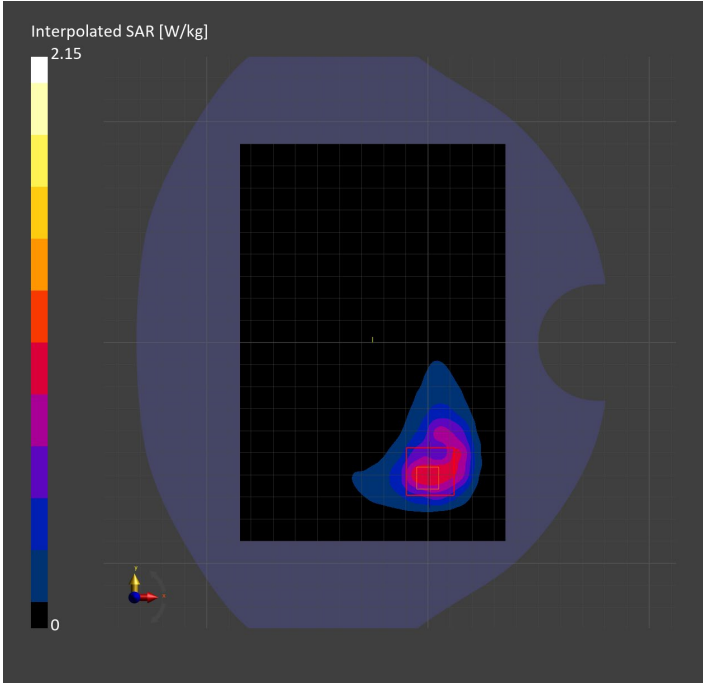
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DAE Calibration Date	DAE4 Sn1380 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.6
Dist 3dB Peak [mm]		7.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.818	0.875
psSAR10g [W/Kg]	0.432	0.373
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band n30	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.61
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.71	Test Distance [mm]	0.00

Hardware Setup

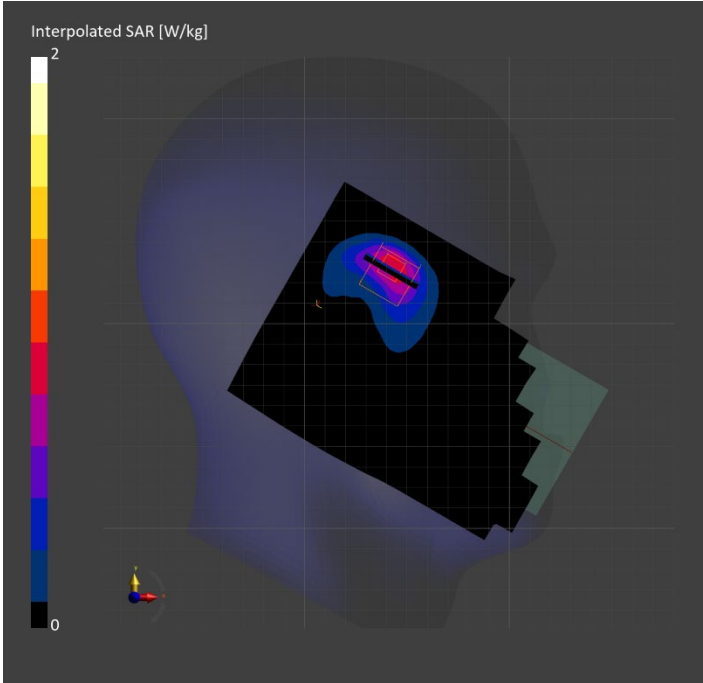
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DAE Calibration Date	DAE4 Sn1380 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.2
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.744	0.812
psSAR10g [W/Kg]	0.372	0.372
Power Drift [dB]	N/A	-0.00



Measurement Report for Band n30: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n30	TSL Permittivity	39.3
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.65
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.71	Test Distance [mm]	5.00

Hardware Setup

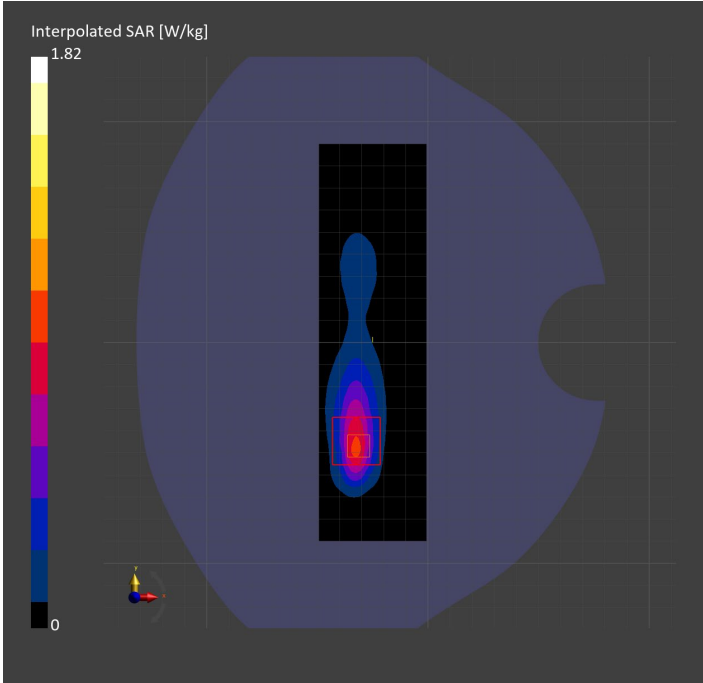
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DAE Calibration Date	DAE4 Sn1380 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	0.754
psSAR10g [W/Kg]	0.310	0.320
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n41	TSL Permittivity	37.6
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.96
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.32	Test Distance [mm]	5.00

Hardware Setup

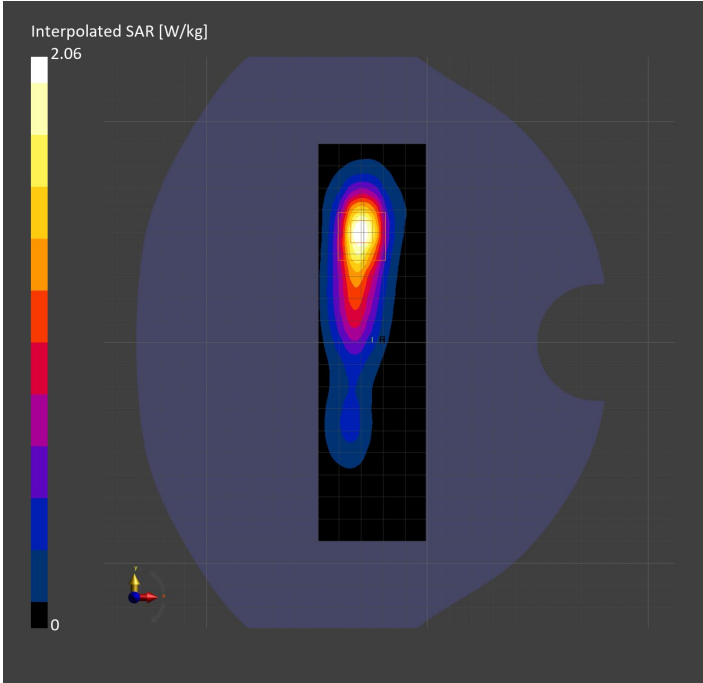
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DAE Calibration Date	DAE4 Sn1548 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		75.1
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.770	0.834
psSAR10g [W/Kg]	0.346	0.348
Power Drift [dB]	N/A	-0.05



Measurement Report for Band n41: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n41	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.93
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.39	Test Distance [mm]	0.00

Hardware Setup

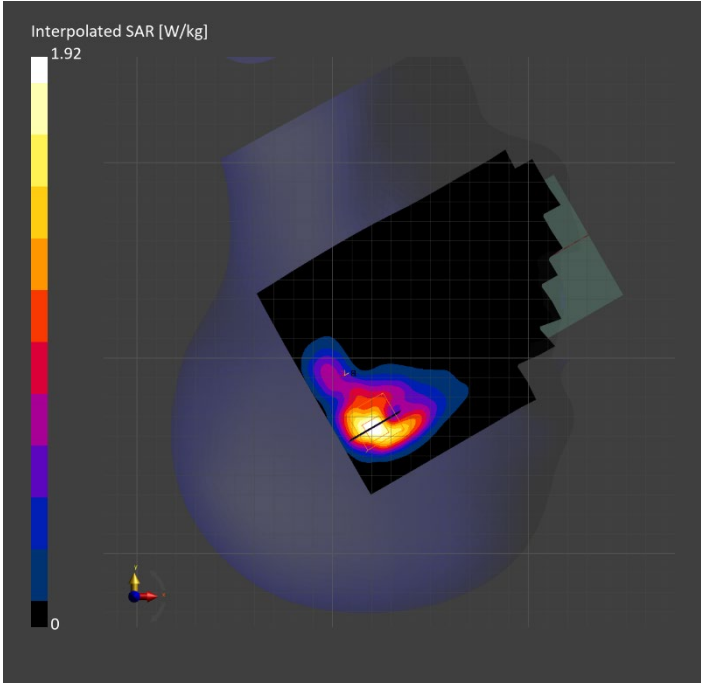
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.9
Dist 3dB Peak [mm]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.738	0.783
psSAR10g [W/Kg]	0.347	0.335
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n41	TSL Permittivity	38.5
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.94
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.39	Test Distance [mm]	5.00

Hardware Setup

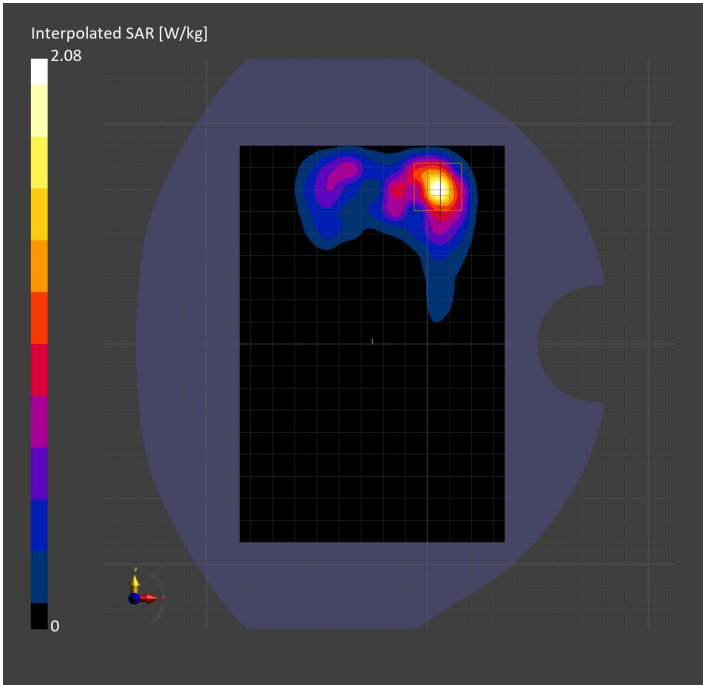
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		75.2
Dist 3dB Peak [mm]		5.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.805	0.811
psSAR10g [W/Kg]	0.334	0.309
Power Drift [dB]	N/A	0.07



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

Exposure Conditions

Band	Band n48	TSL Permittivity	38.6
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.95
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.92	Test Distance [mm]	5.00

Hardware Setup

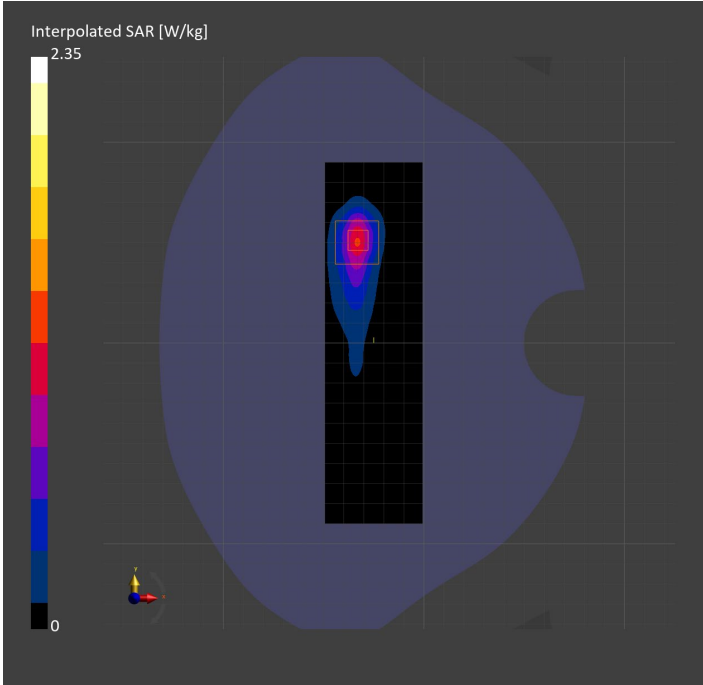
Probe Calibration Date	EX3DV4 - SN7335 2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	8.1 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.7
Dist 3dB Peak [mm]		8.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.824	0.827
psSAR10g [W/Kg]	0.314	0.309
Power Drift [dB]	N/A	0.00



Measurement Report for Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	36.7
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	3.04
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.92	Test Distance [mm]	5.00

Hardware Setup

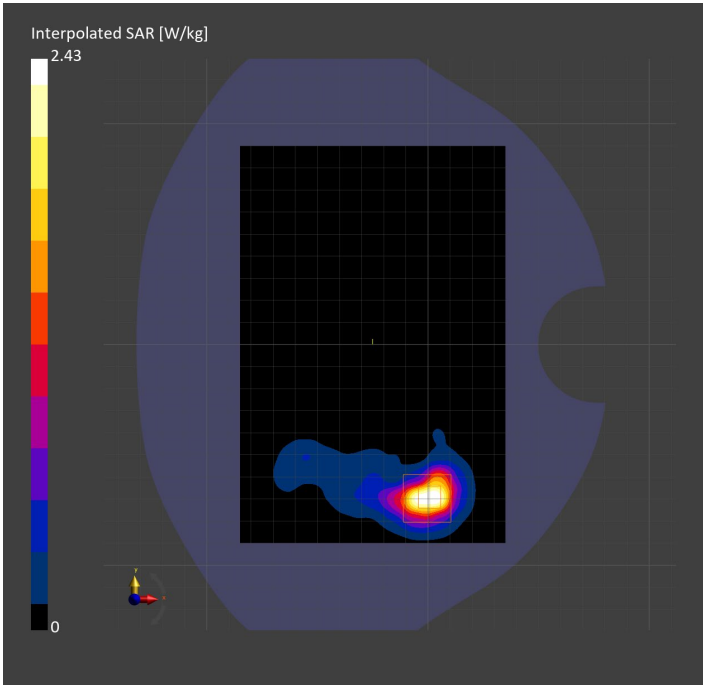
Probe Calibration Date	EX3DV4 - SN7335 2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.7
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.835	0.902
psSAR10g [W/Kg]	0.308	0.318
Power Drift [dB]	N/A	0.01



Measurement Report for Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n48	TSL Permittivity	38.1
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.92
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.66	Test Distance [mm]	0.00

Hardware Setup

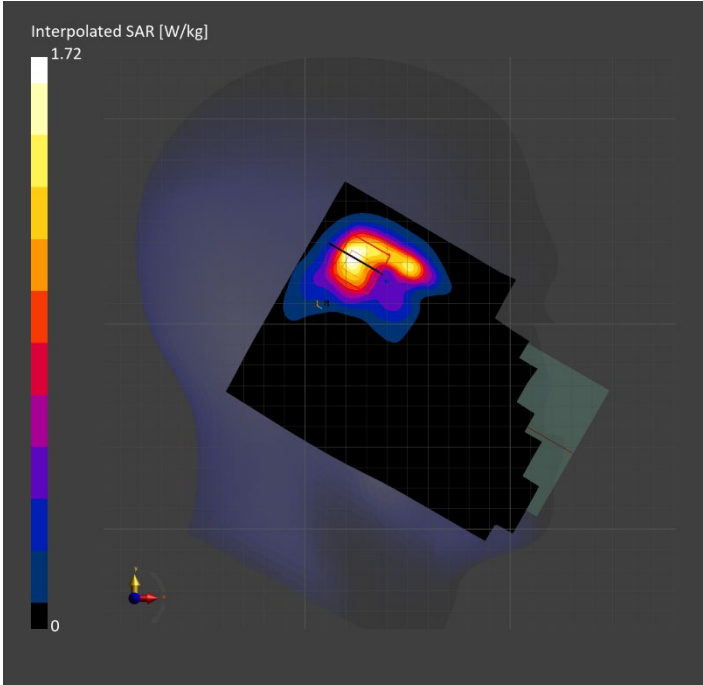
Probe Calibration Date	EX3DV4 - SN3990 2023-02-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.8
Dist 3dB Peak [mm]		8.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.624	0.714
psSAR10g [W/Kg]	0.270	0.287
Power Drift [dB]	N/A	0.02



Measurement Report for Band n53: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n53	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2489.200 497840	TSL Conductivity [S/m]	1.90
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7587 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.6
Dist 3dB Peak [mm]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.819	0.868
psSAR10g [W/Kg]	0.388	0.399
Power Drift [dB]	N/A	0.07

