

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

Exposure Conditions

Band	Band n53	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2489.200 497840	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

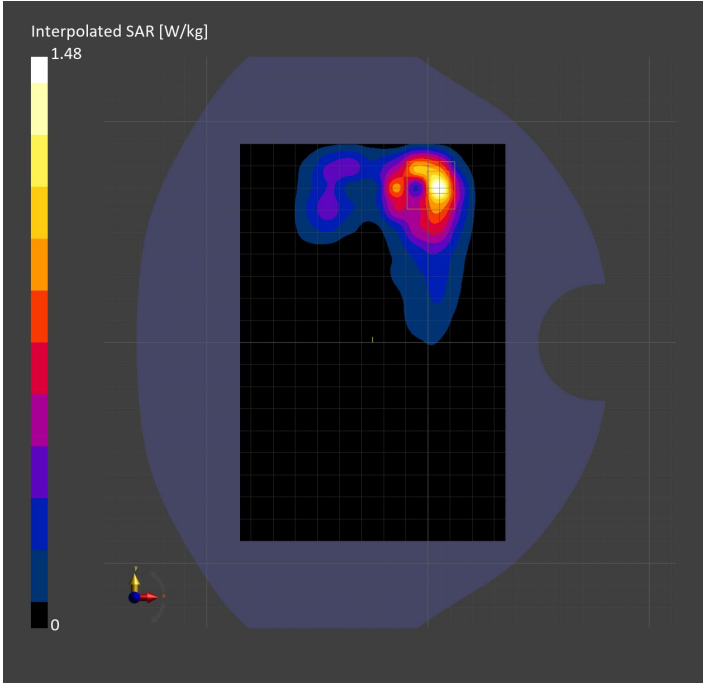
Probe Calibration Date	EX3DV4 - SN7587 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.4
Dist 3dB Peak [mm]		5.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.633
psSAR10g [W/Kg]	0.275	0.258
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n53	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2489.200 497840	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

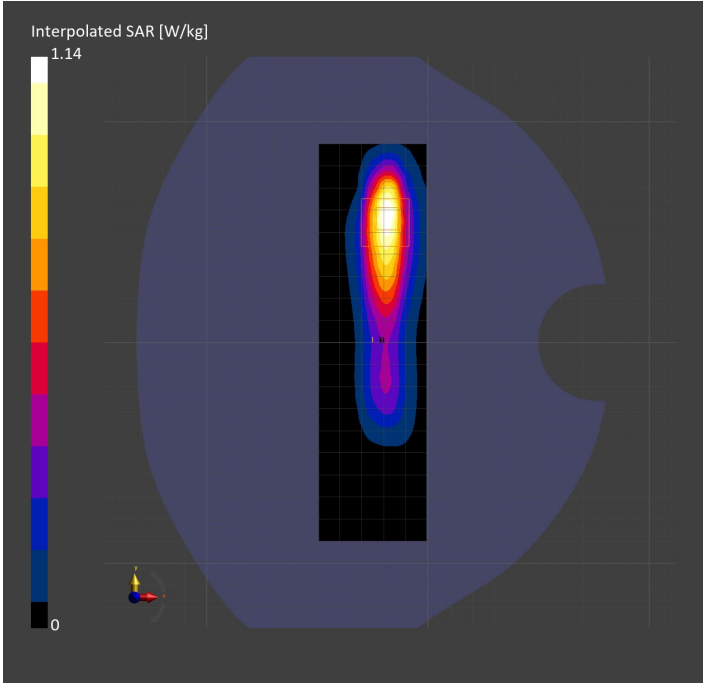
Probe Calibration Date	EX3DV4 - SN7587 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.546	0.538
psSAR10g [W/Kg]	0.250	0.250
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	Band n66	TSL Permittivity	38.2
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.32
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

Hardware Setup

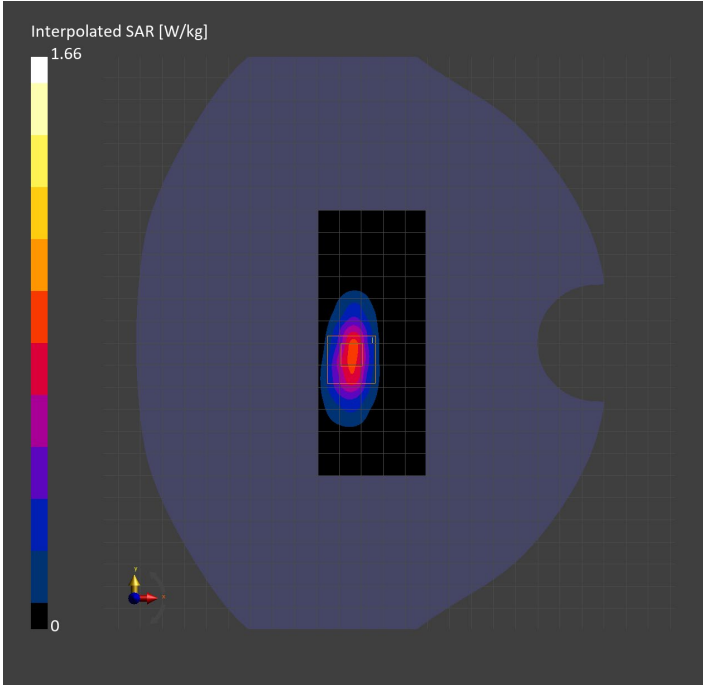
Probe Calibration Date	EX3DV4 - SN7569 2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		76.5
Dist 3dB Peak [mm]		5.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.695	0.737
psSAR10g [W/Kg]	0.324	0.331
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	Band n66	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

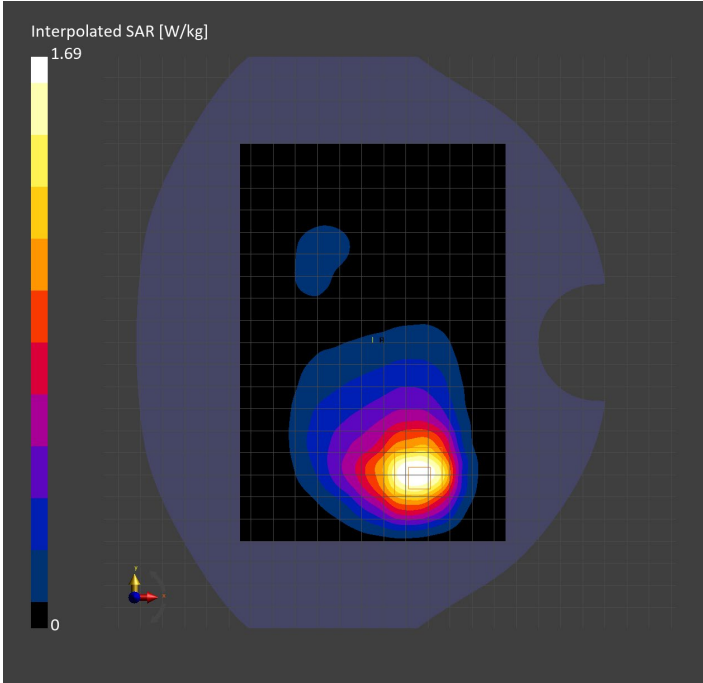
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DAE Calibration Date	DAE4 Sn1257 2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.4
Dist 3dB Peak [mm]		11.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.747	0.821
psSAR10g [W/Kg]	0.429	0.430
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n66	TSL Permittivity	40.1
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.35
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

Hardware Setup

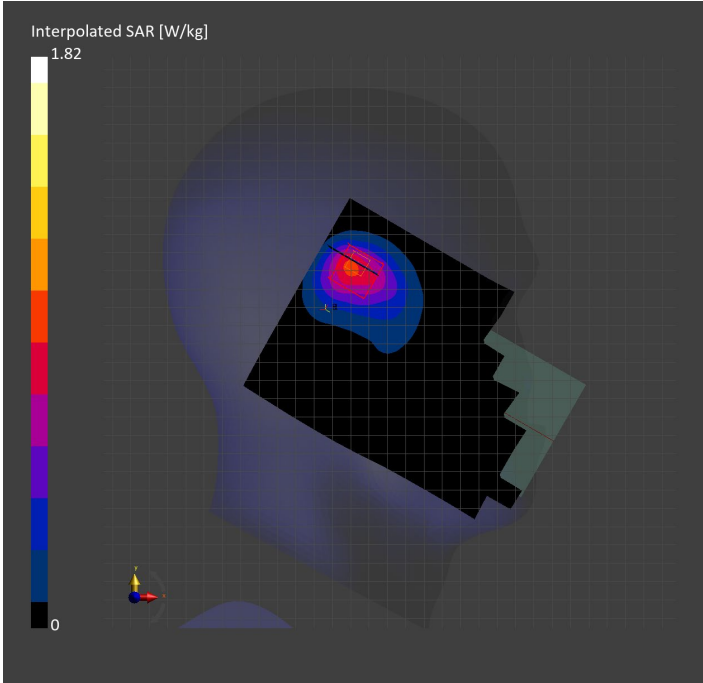
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
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 [%]		70.8
Dist 3dB Peak [mm]		6.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.773	0.767
psSAR10g [W/Kg]	0.441	0.422
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	Band n70	TSL Permittivity	41.7
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.31
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

Hardware Setup

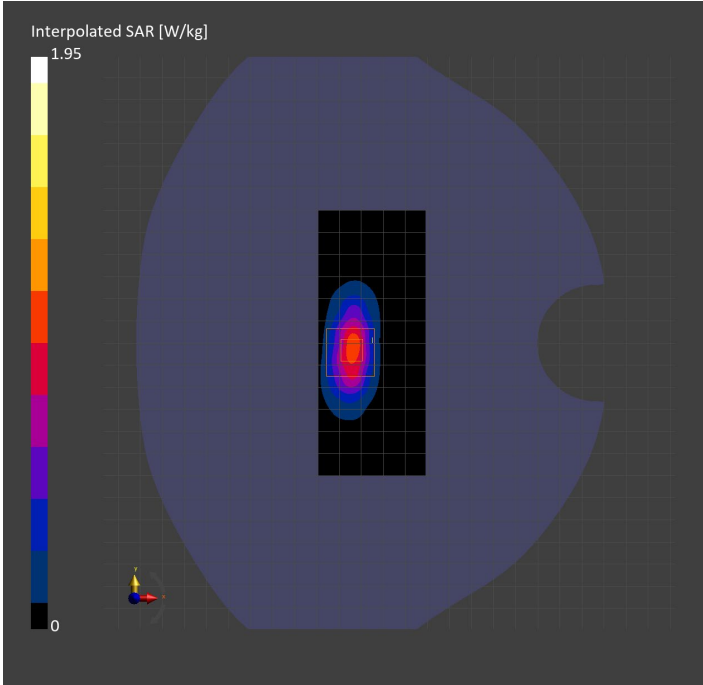
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DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 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 [%]		76.9
Dist 3dB Peak [mm]		6.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.846	0.871
psSAR10g [W/Kg]	0.395	0.395
Power Drift [dB]	N/A	0.00



Measurement Report for Band n70: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n70	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.28
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

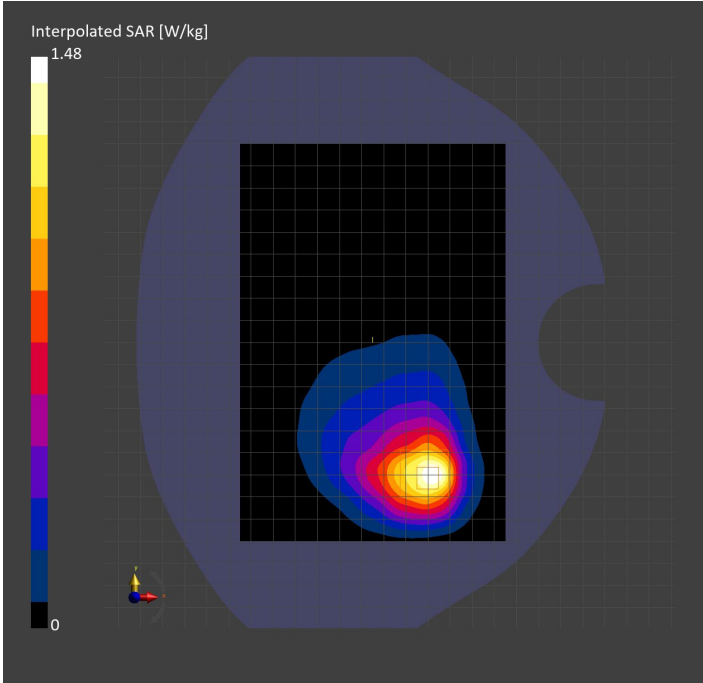
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DAE Calibration Date	DAE4 Sn1257 2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.8
Dist 3dB Peak [mm]		13.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.684	0.729
psSAR10g [W/Kg]	0.381	0.385
Power Drift [dB]	N/A	-0.00



Measurement Report for 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	38.6
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

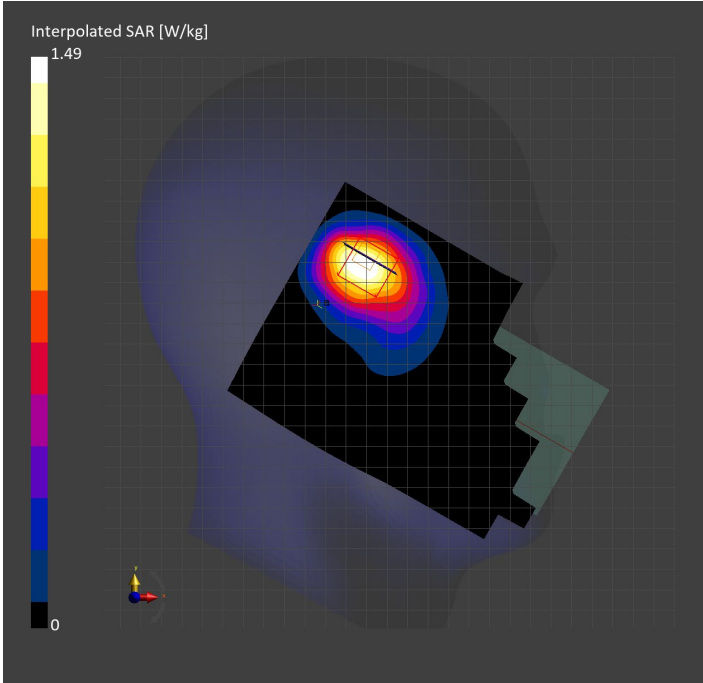
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DAE Calibration Date	DAE4 Sn1257 2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.0
Dist 3dB Peak [mm]		7.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.752	0.785
psSAR10g [W/Kg]	0.437	0.451
Power Drift [dB]	N/A	0.00



Measurement Report for Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n71	TSL Permittivity	43.1
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.809
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

Hardware Setup

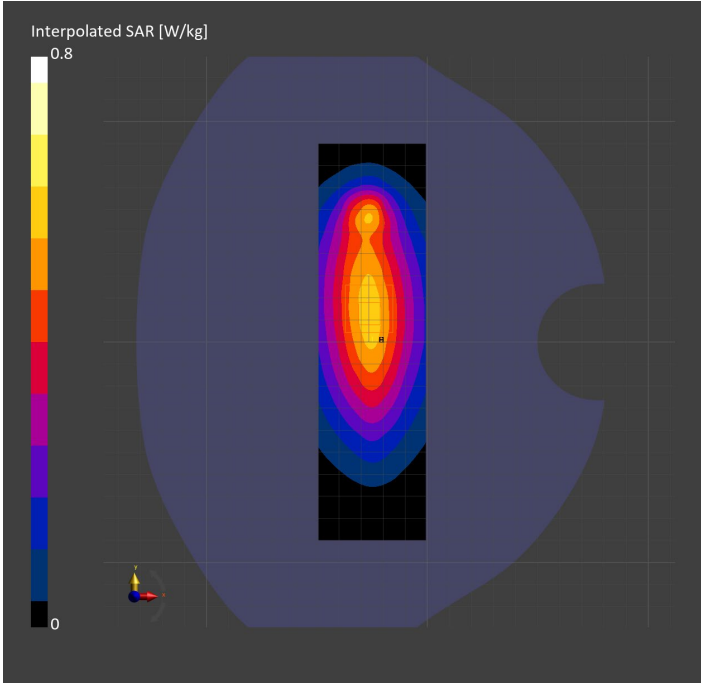
Probe Calibration Date	EX3DV4 - SN7589 2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		84.9
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.500	0.503
psSAR10g [W/Kg]	0.337	0.340
Power Drift [dB]	N/A	0.04



Measurement Report for Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n71	TSL Permittivity	42.7
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.851
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

Hardware Setup

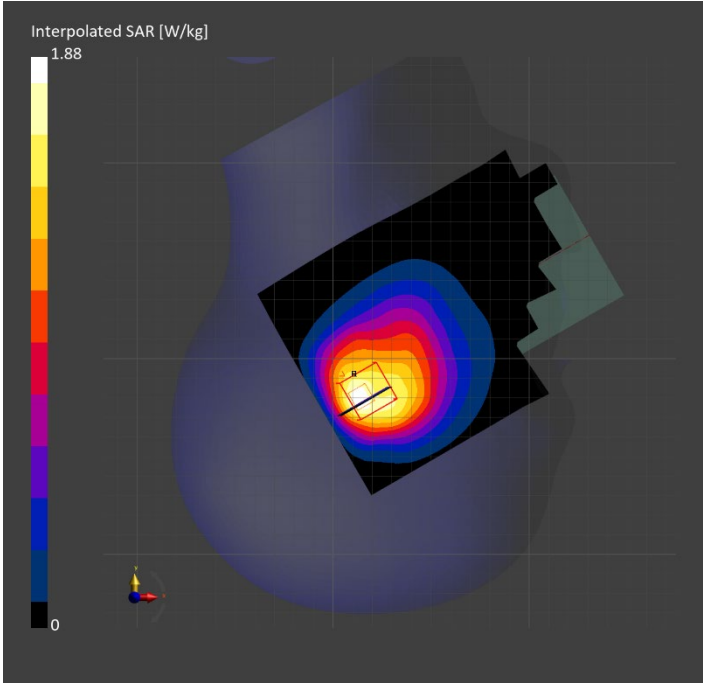
Probe Calibration Date	EX3DV4 - SN7448 2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		71.2
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.735	0.783
psSAR10g [W/Kg]	0.491	0.448
Power Drift [dB]	N/A	-0.04



Measurement Report for Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n71	TSL Permittivity	42.7
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.851
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

Hardware Setup

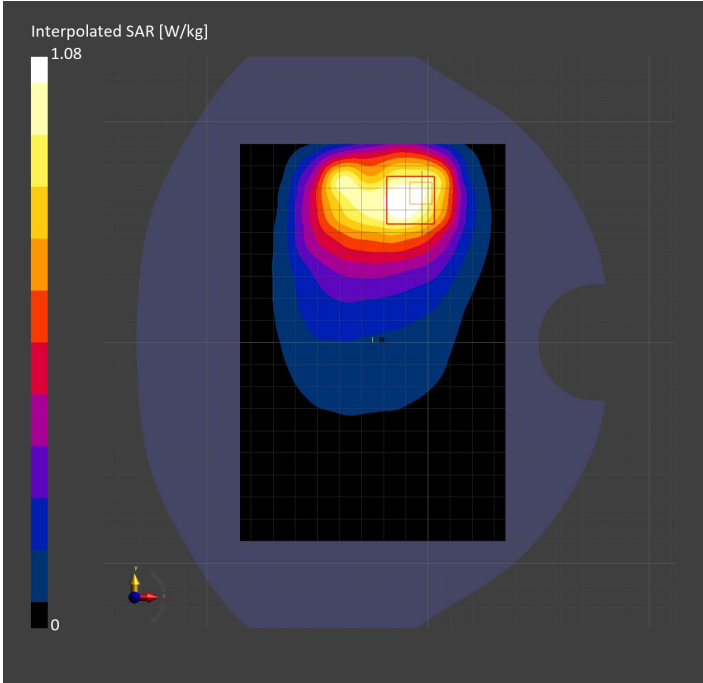
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DAE Calibration Date	DAE4 Sn1472 2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		78.0
Dist 3dB Peak [mm]		17.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.547	0.546
psSAR10g [W/Kg]	0.371	0.309
Power Drift [dB]	N/A	-0.01



Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band n77	TSL Permittivity	38.8
Frequency [MHz] Channel Number	3499.980 633332	TSL Conductivity [S/m]	2.82
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

Hardware Setup

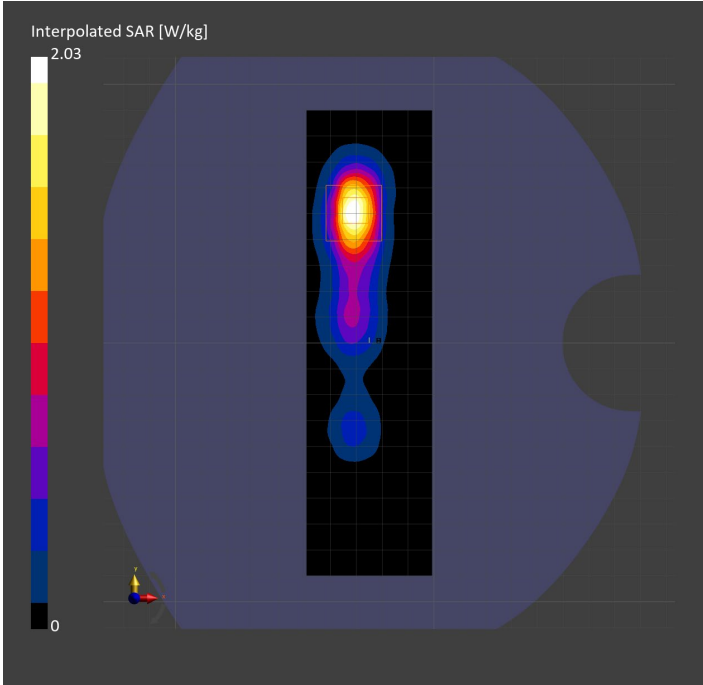
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DAE Calibration Date	DAE4ip Sn1619 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	28.0 x 28.0 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 [%]		74.2
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.709	0.738
psSAR10g [W/Kg]	0.269	0.268
Power Drift [dB]	N/A	-0.03



Measurement Report for 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	37.2
Frequency [MHz] Channel Number	3499.980 633332	TSL Conductivity [S/m]	2.83
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

Hardware Setup

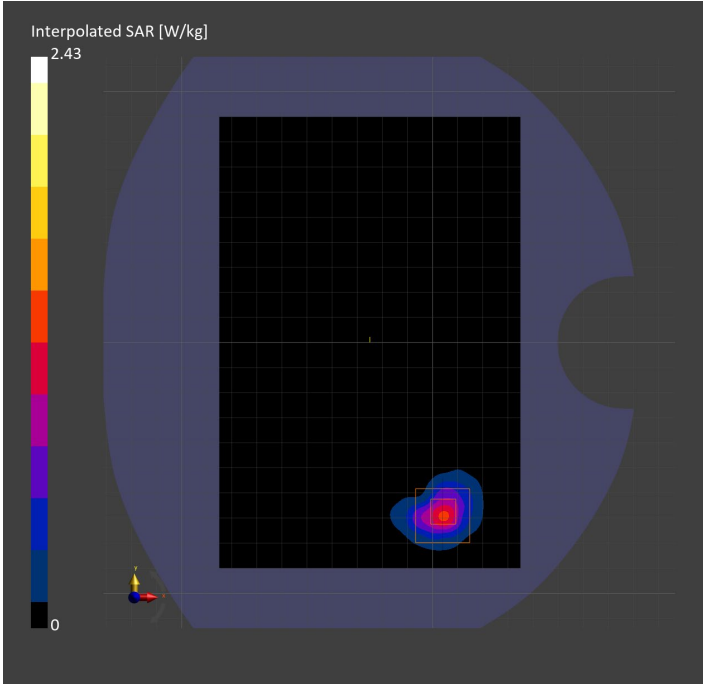
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DAE Calibration Date	DAE4ip Sn1619 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		76.1
Dist 3dB Peak [mm]		6.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.854	0.897
psSAR10g [W/Kg]	0.299	0.310
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.4
Frequency [MHz] Channel Number	3499.980 633332	TSL Conductivity [S/m]	2.77
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.79	Test Distance [mm]	0.00

Hardware Setup

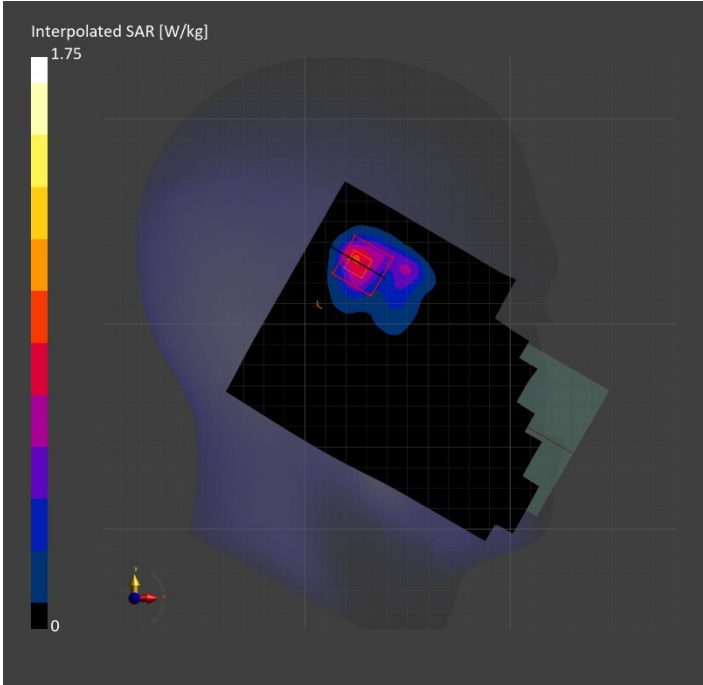
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DAE Calibration Date	DAE4 Sn1545 2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		78.0
Dist 3dB Peak [mm]		8.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.637	0.735
psSAR10g [W/Kg]	0.271	0.288
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.1
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.12
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.15	Test Distance [mm]	0.00

Hardware Setup

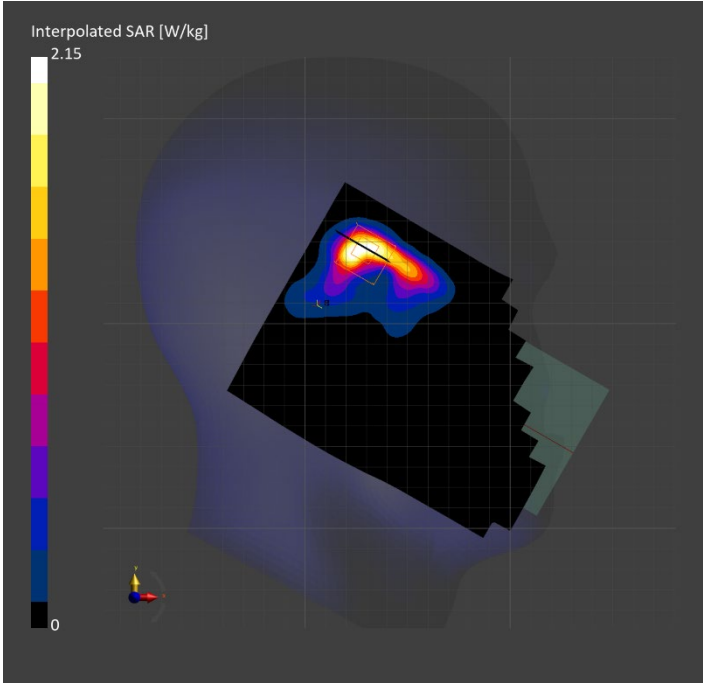
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DAE Calibration Date	DAE4 Sn1673 2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		68.3
Dist 3dB Peak [mm]		5.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.556	0.679
psSAR10g [W/Kg]	0.215	0.233
Power Drift [dB]	N/A	-0.02



Measurement Report for 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	37.9
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.13
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.15	Test Distance [mm]	5.00

Hardware Setup

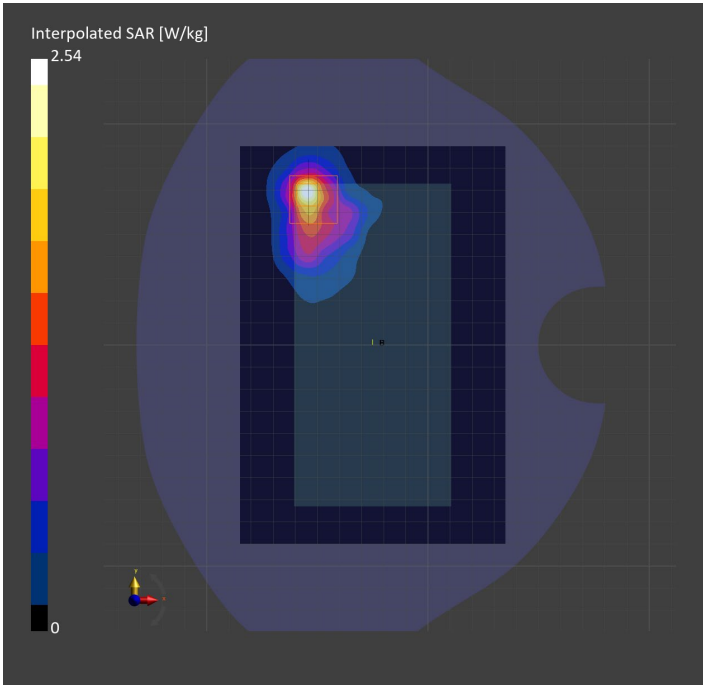
Probe Calibration Date	EX3DV4 - SN7463 2023-04-19	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		70.5
Dist 3dB Peak [mm]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.760	0.813
psSAR10g [W/Kg]	0.285	0.284
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band n77	TSL Permittivity	37.9
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.13
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.15	Test Distance [mm]	5.00

Hardware Setup

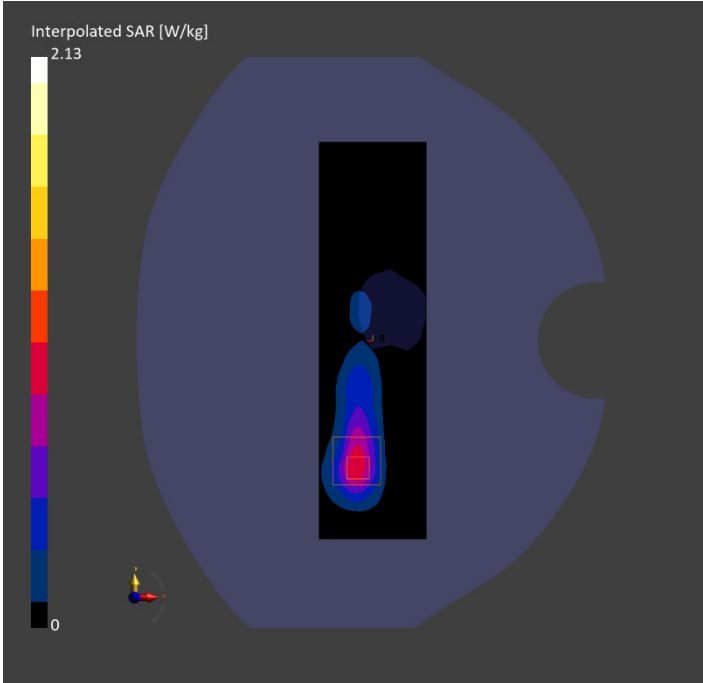
Probe Calibration Date	EX3DV4 - SN7463 2023-04-19	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		72.5
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.735	0.740
psSAR10g [W/Kg]	0.283	0.285
Power Drift [dB]	N/A	0.01



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Measurement Report for 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	40.7
Frequency [MHz] Channel Number	2417.000 2	TSL Conductivity [S/m]	1.75
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

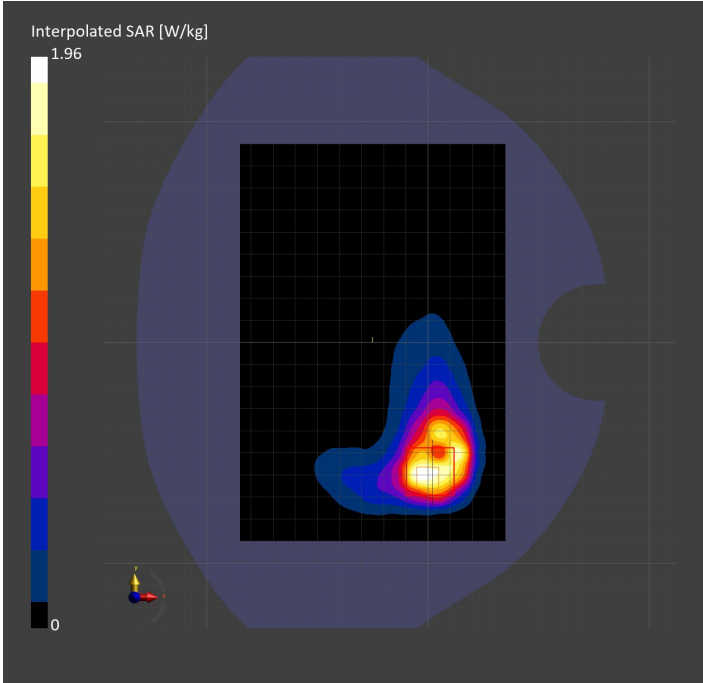
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DAE Calibration Date	DAE4 Sn1239 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		72.1
Dist 3dB Peak [mm]		6.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.711	0.768
psSAR10g [W/Kg]	0.365	0.323
Power Drift [dB]	N/A	-0.18



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	37.5
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.80
Group UID	WLAN 10415-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

Hardware Setup

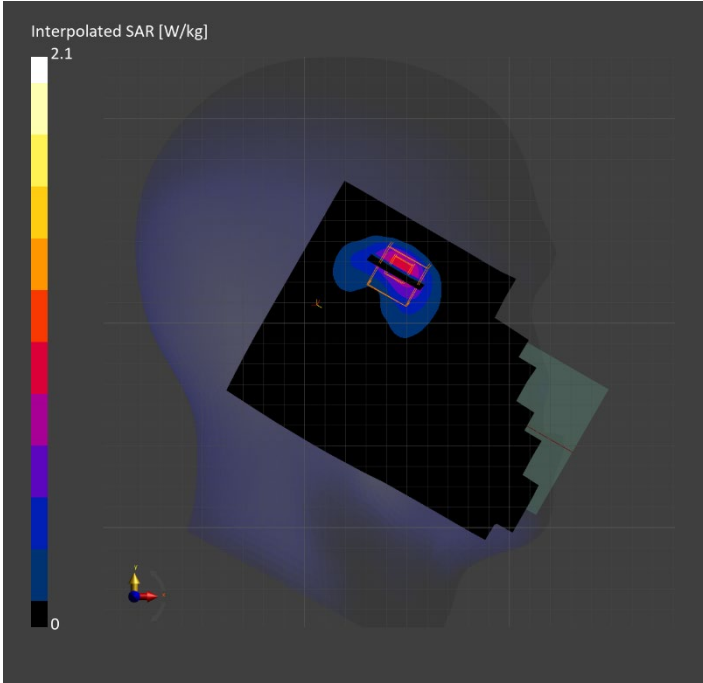
Probe Calibration Date	EX3DV4 - SN3772 2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.9
Dist 3dB Peak [mm]		6.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.729	0.821
psSAR10g [W/Kg]	0.339	0.341
Power Drift [dB]	N/A	0.02



Measurement Report for 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	37.5
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.80
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

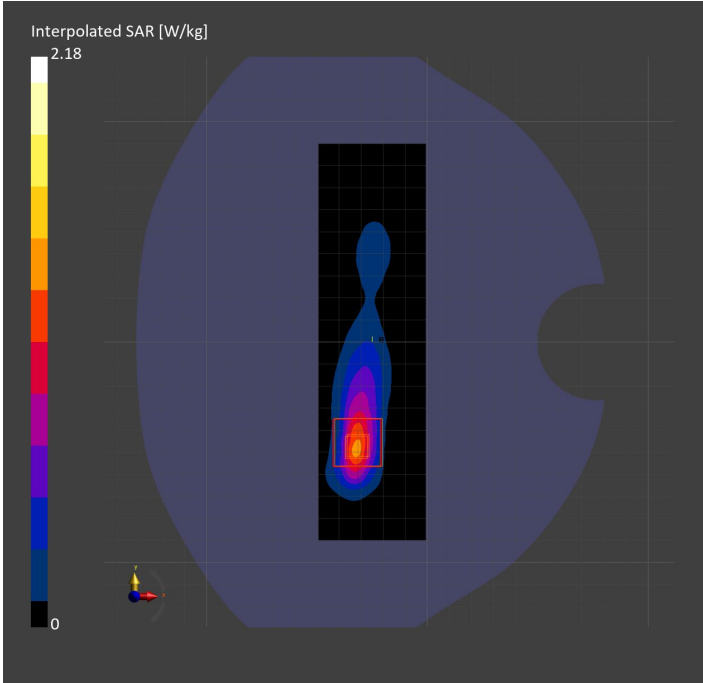
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DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
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 [%]		78.7
Dist 3dB Peak [mm]		6.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.965	0.954
psSAR10g [W/Kg]	0.406	0.389
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	36.9
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.95
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.14	Test Distance [mm]	5.00

Hardware Setup

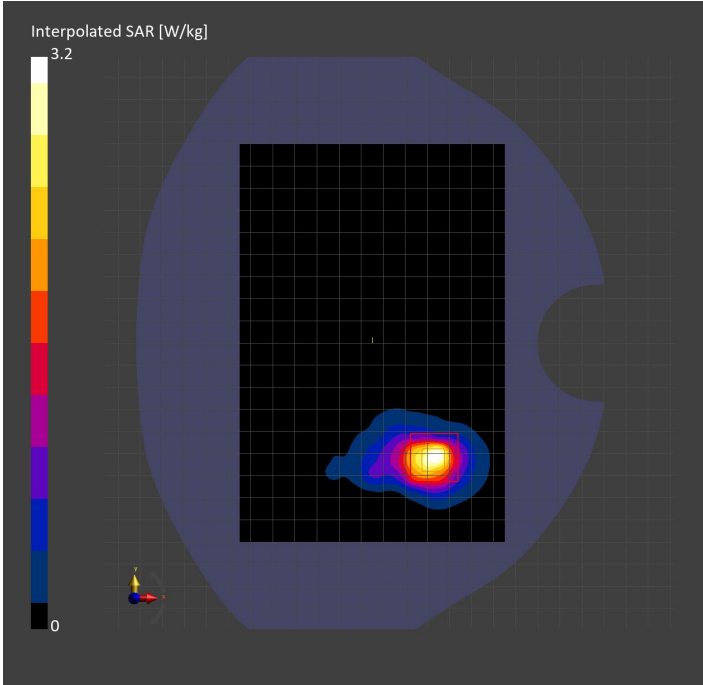
Probe Calibration Date	EX3DV4 - SN3773 2023-02-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.7
Dist 3dB Peak [mm]		5.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.779
psSAR10g [W/Kg]	0.227	0.227
Power Drift [dB]	N/A	0.15



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

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	36.9
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.95
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.14	Test Distance [mm]	5.00

Hardware Setup

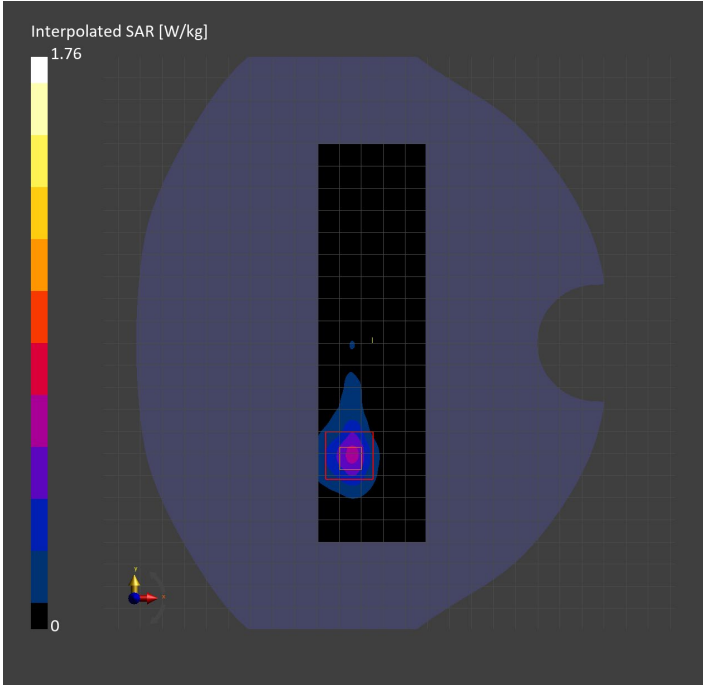
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DAE Calibration Date	DAE4 Sn1258 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	48.6 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.1 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		61.6	62.0
Dist 3dB Peak [mm]		7.6	7.6

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.442	0.440	0.465
psSAR10g [W/Kg]	0.153	0.143	0.152
Power Drift [dB]	N/A	0.22	0.12



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

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	34.5
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.74
Group UID	WLAN 10114-CAE	Phantom Section TSL	RightHead HSL
Conversion Factor	5.14	Test Distance [mm]	0.00

Hardware Setup

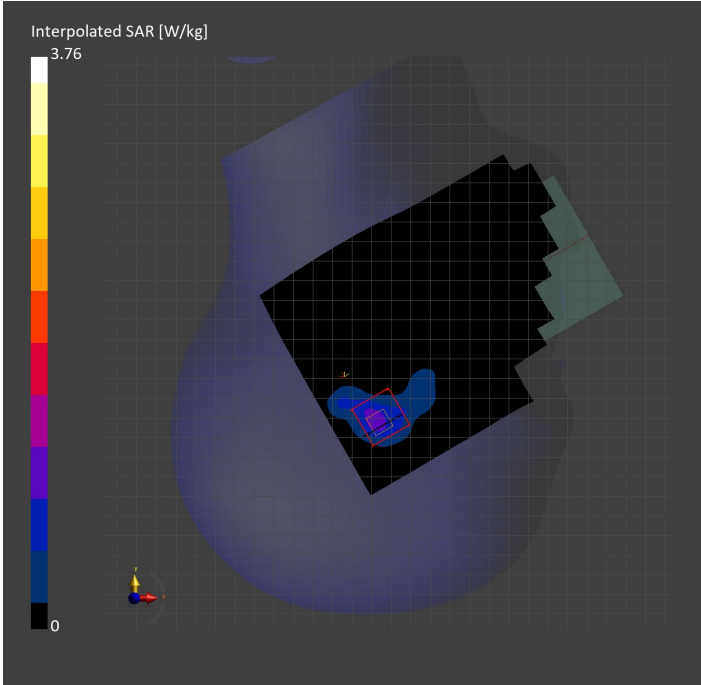
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DAE Calibration Date	DAE4 Sn1258 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		56.9
Dist 3dB Peak [mm]		5.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.804	0.848
psSAR10g [W/Kg]	0.285	0.323
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.2
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.81
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.46	Test Distance [mm]	5.00

Hardware Setup

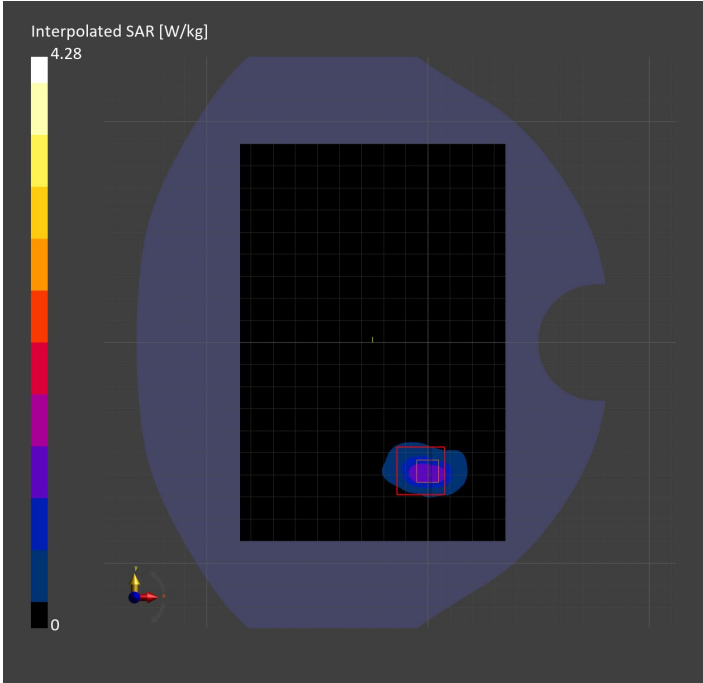
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DAE Calibration Date	DAE4 Sn1259 2023-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		62.9	62.9
Dist 3dB Peak [mm]		6.5	6.4

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.970	1.02	1.04
psSAR10g [W/Kg]	0.311	0.309	0.316
Power Drift [dB]	N/A	-1.60	-0.57



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.6
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.87
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	4.46	Test Distance [mm]	0.00

Hardware Setup

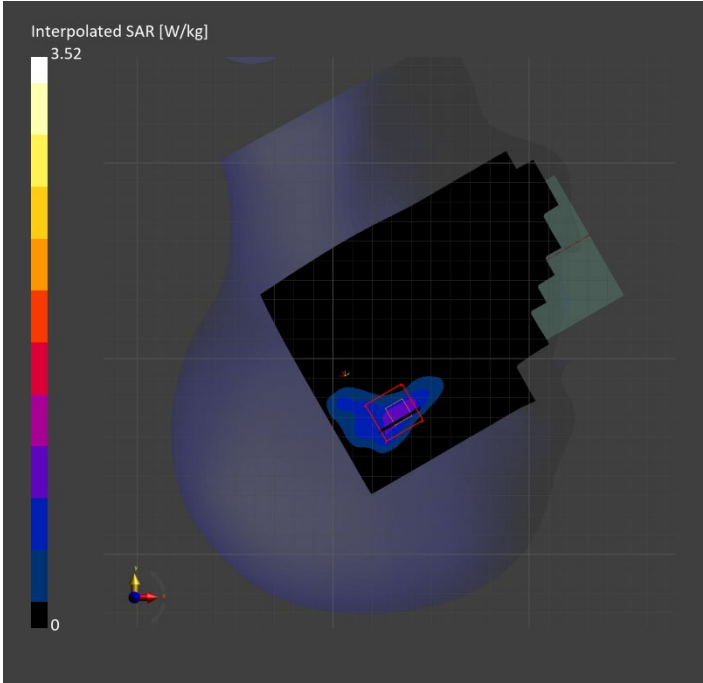
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DAE Calibration Date	DAE4 Sn1797 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		56.5
Dist 3dB Peak [mm]		5.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.746	0.821
psSAR10g [W/Kg]	0.284	0.300
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.2
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	5.17
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.46	Test Distance [mm]	5.00

Hardware Setup

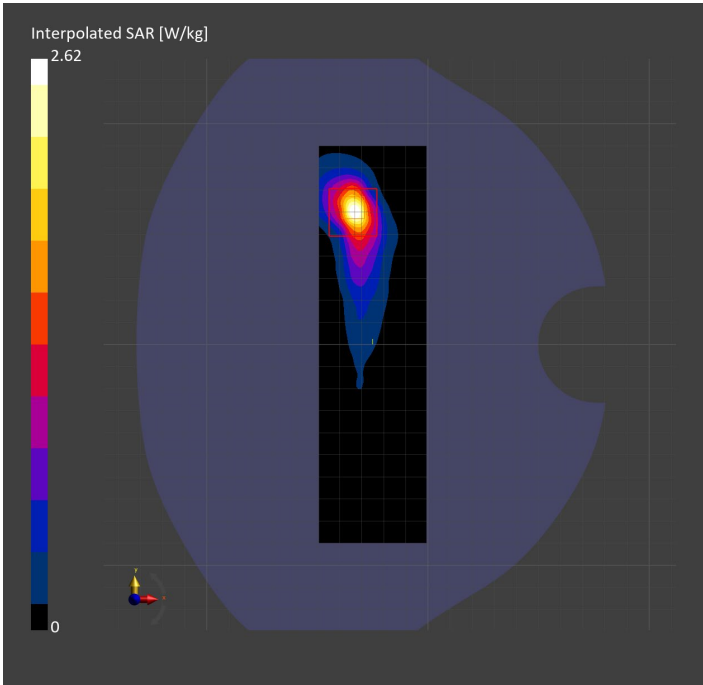
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DAE Calibration Date	DAE4 Sn1797 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.1 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]		6.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.605	0.637
psSAR10g [W/Kg]	0.190	0.196
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.7
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.33
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

Hardware Setup

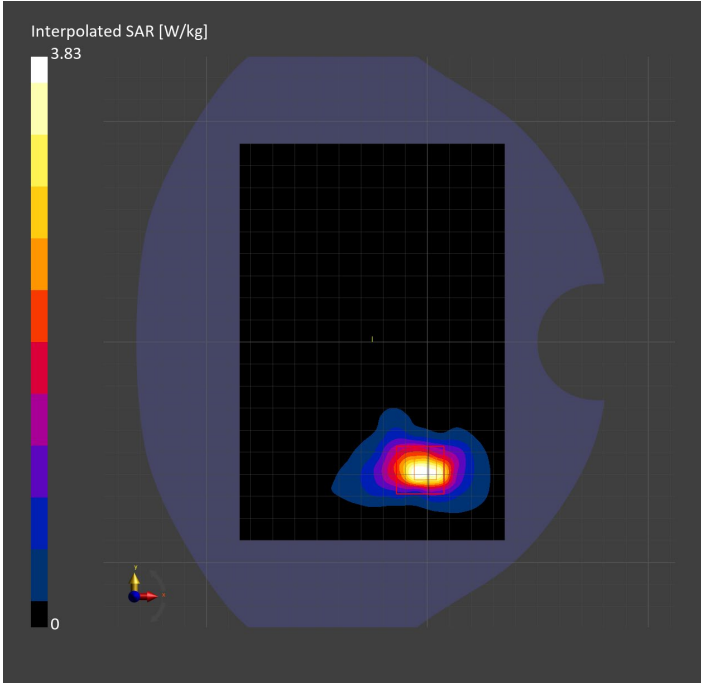
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		62.9
Dist 3dB Peak [mm]		6.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.925	0.947
psSAR10g [W/Kg]	0.308	0.301
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.8
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.30
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.15	Test Distance [mm]	0.00

Hardware Setup

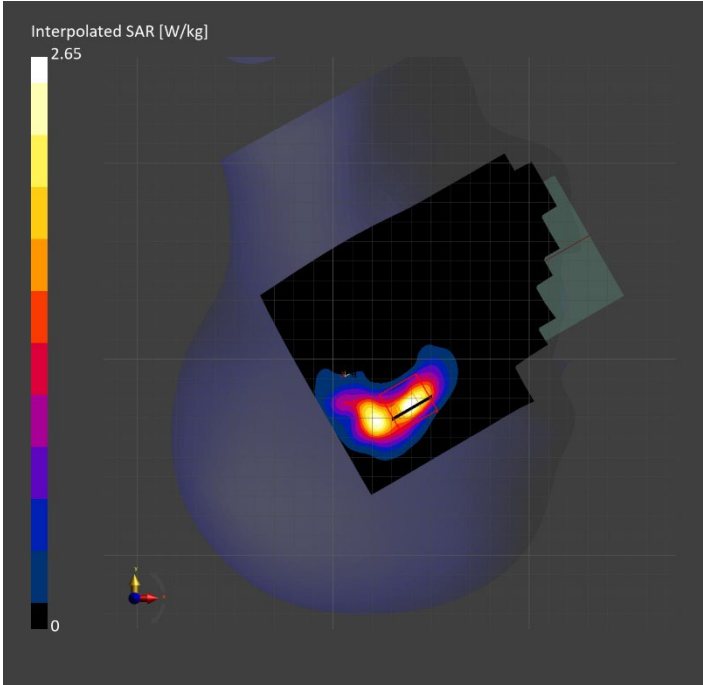
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.4
Dist 3dB Peak [mm]		5.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.665	0.689
psSAR10g [W/Kg]	0.242	0.227
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.3
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.10
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

Hardware Setup

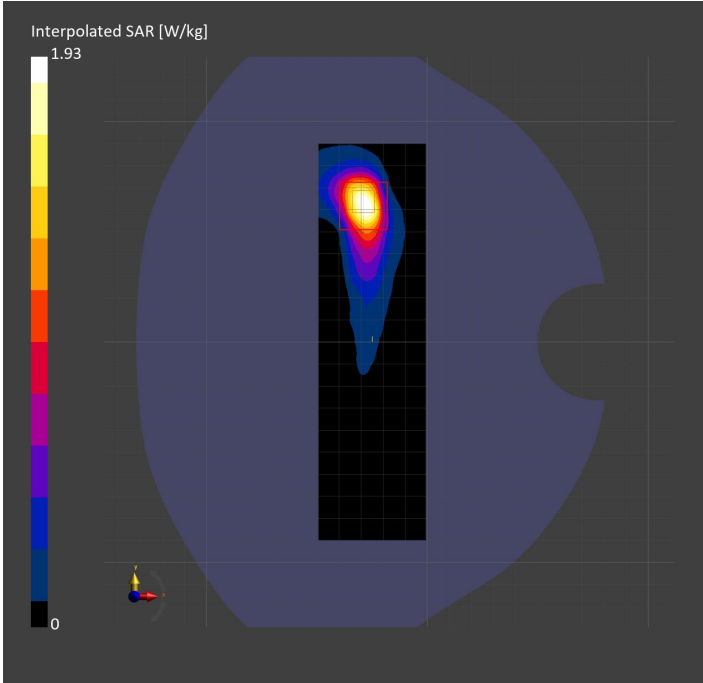
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.1 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 [%]		62.4
Dist 3dB Peak [mm]		6.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.466	0.481
psSAR10g [W/Kg]	0.156	0.150
Power Drift [dB]	N/A	0.08



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.9
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.86
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

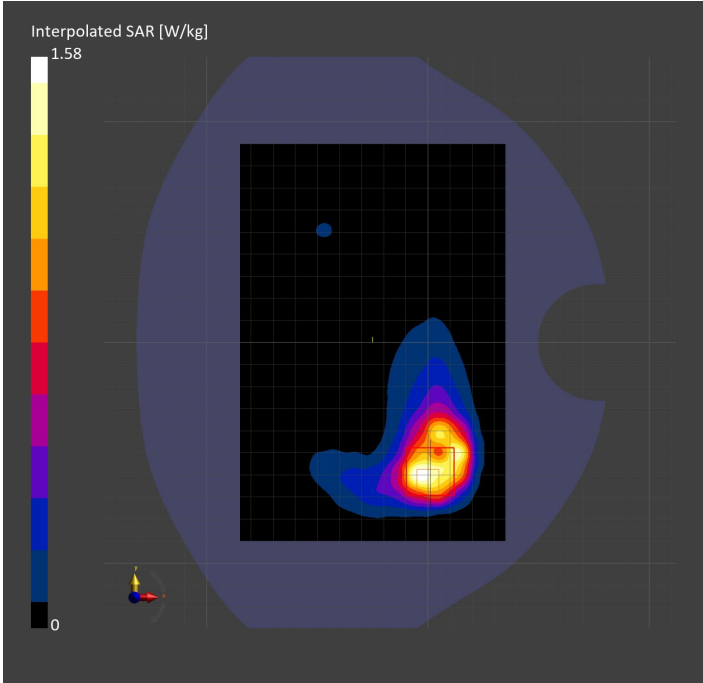
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DAE Calibration Date	DAE4 Sn1239 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		73.0
Dist 3dB Peak [mm]		7.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.560	0.634
psSAR10g [W/Kg]	0.289	0.271
Power Drift [dB]	N/A	0.16



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.86
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

Hardware Setup

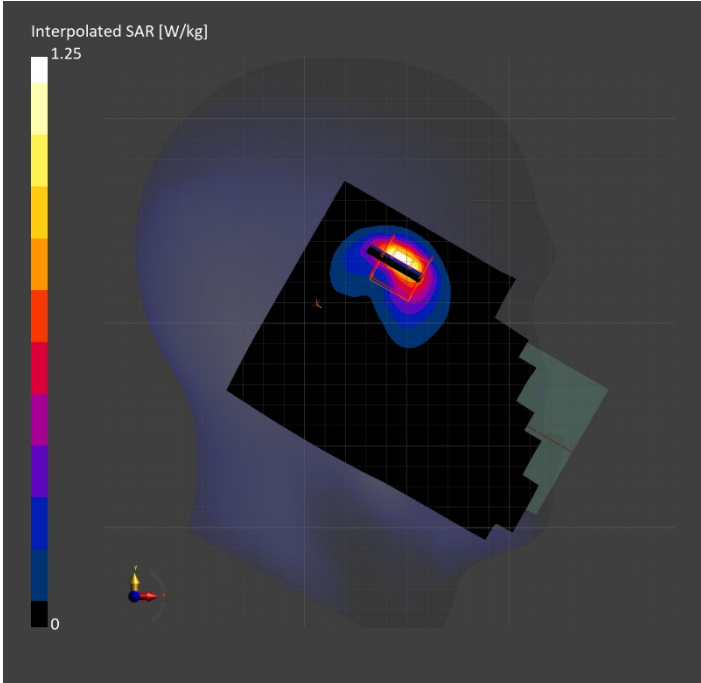
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DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
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]		6.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.491	0.496
psSAR10g [W/Kg]	0.209	0.203
Power Drift [dB]	N/A	0.15



Measurement Report for ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE RIGHT

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.86
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

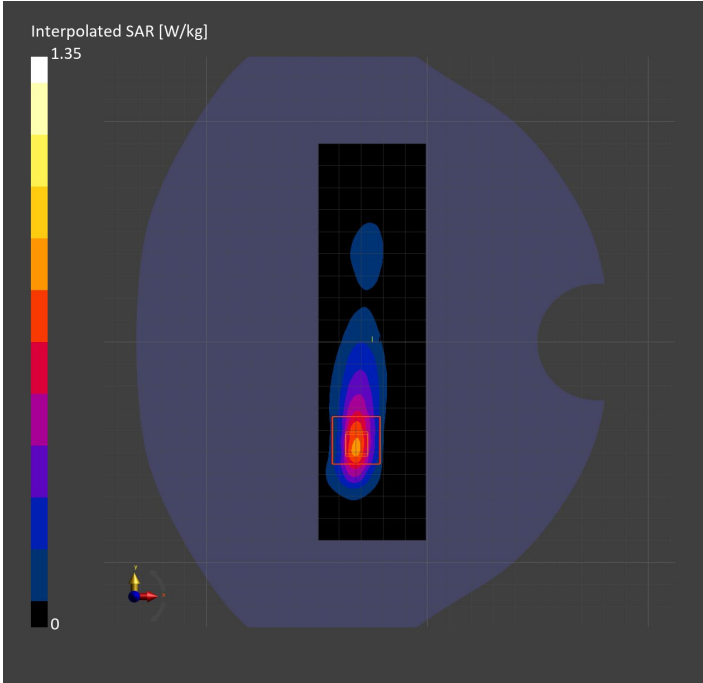
Probe Calibration Date	EX3DV4 - SN3772 2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		78.2
Dist 3dB Peak [mm]		6.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.594	0.582
psSAR10g [W/Kg]	0.247	0.235
Power Drift [dB]	N/A	-0.07



Measurement Report for Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.6
Frequency [MHz] Channel Number	5230.000 5230000	TSL Conductivity [S/m]	4.70
Group UID	CW 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	5.14	Test Distance [mm]	0.00

Hardware Setup

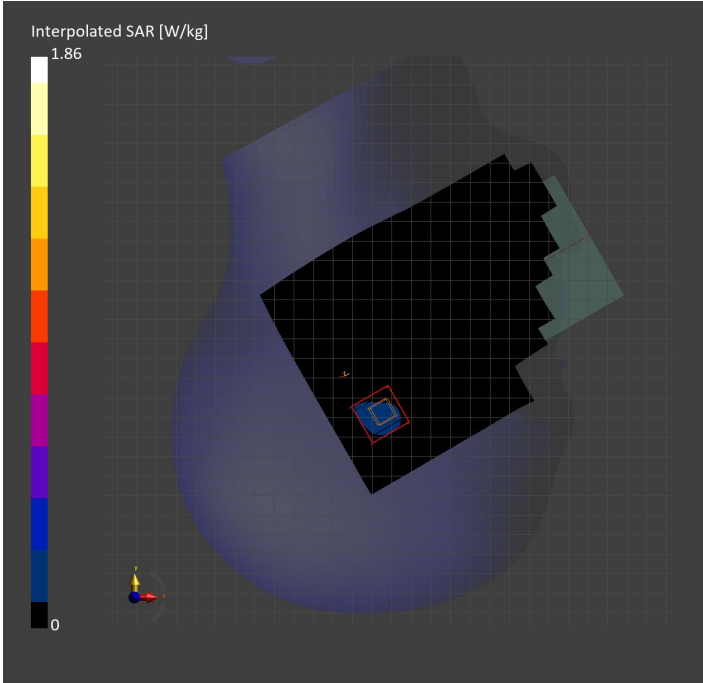
Probe Calibration Date	EX3DV4 - SN3773 2023-02-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		58.5	60.0
Dist 3dB Peak [mm]		5.2	5.2

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.182	0.202	0.197
psSAR10g [W/Kg]	0.066	0.076	0.071
Power Drift [dB]	N/A	-0.38	-0.04



Measurement Report for Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.6
Frequency [MHz] Channel Number	5230.000 5230000	TSL Conductivity [S/m]	4.70
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.14	Test Distance [mm]	5.00

Hardware Setup

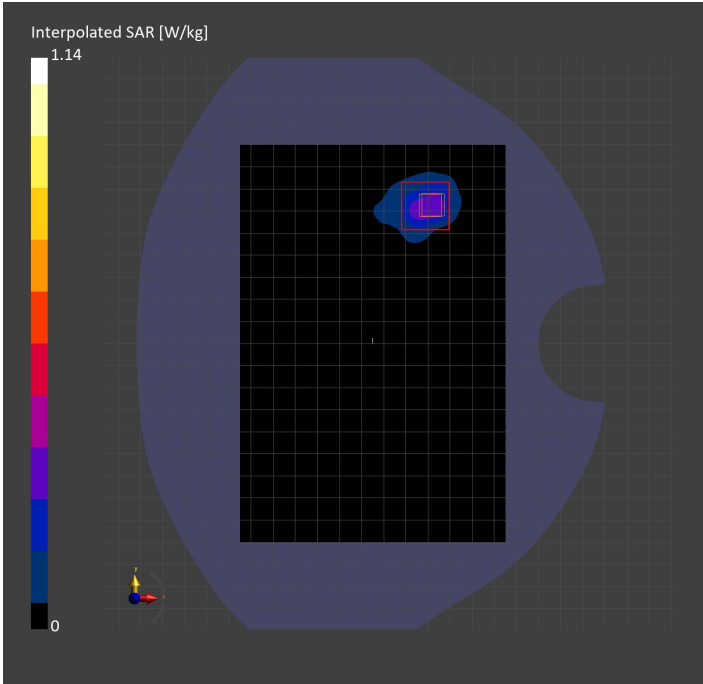
Probe Calibration Date	EX3DV4 - SN3773 2023-02-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		61.0	61.5
Dist 3dB Peak [mm]		7.2	6.9

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.260	0.291	0.287
psSAR10g [W/Kg]	0.092	0.095	0.095
Power Drift [dB]	N/A	-0.34	-0.12



Measurement Report for Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE LEFT

Exposure Conditions

Band	Custom Band	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5230.000 5230000	TSL Conductivity [S/m]	4.69
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.59	Test Distance [mm]	5.00

Hardware Setup

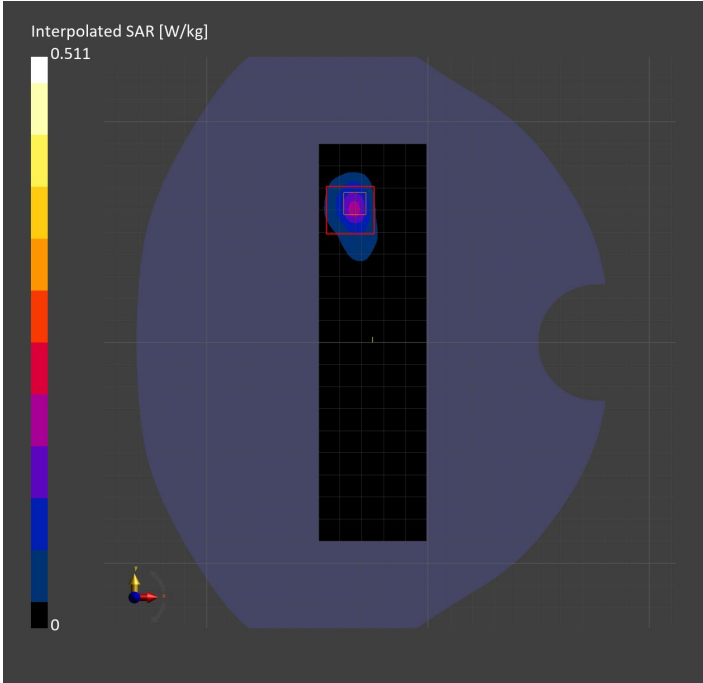
Probe Calibration Date	EX3DV4 - SN3929 2023-04-26	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.1 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 [%]		61.1
Dist 3dB Peak [mm]		5.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.119	0.116
psSAR10g [W/Kg]	0.037	0.025
Power Drift [dB]	N/A	-0.02



Measurement Report for Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.7
Frequency [MHz] Channel Number	5844.000 5844000	TSL Conductivity [S/m]	5.38
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

Hardware Setup

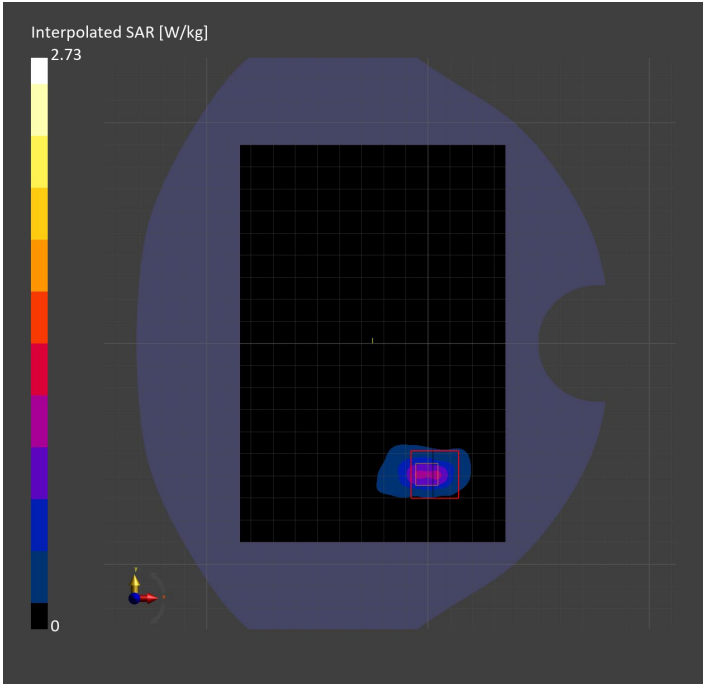
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		6.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.679	0.665
psSAR10g [W/Kg]	0.217	0.203
Power Drift [dB]	N/A	-0.01



Measurement Report for Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.4
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.27
Group UID	CW 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	5.15	Test Distance [mm]	0.00

Hardware Setup

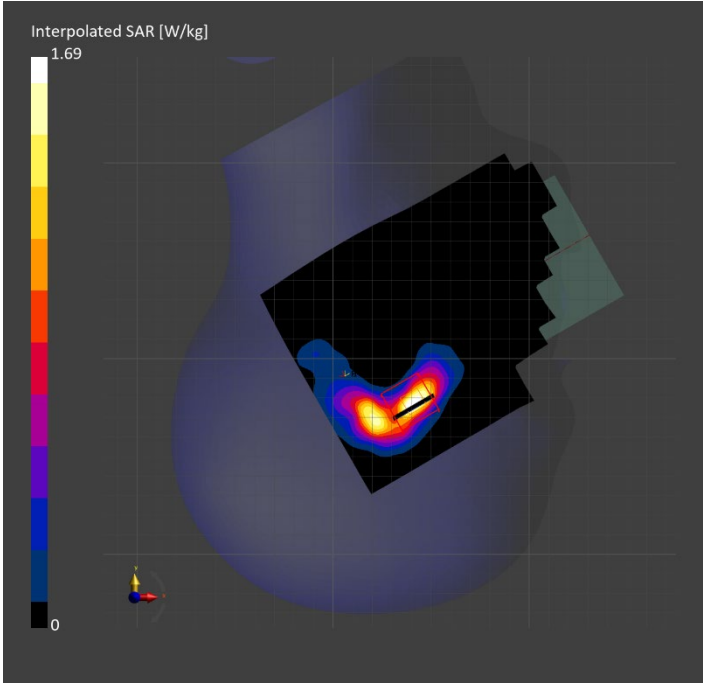
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		57.6
Dist 3dB Peak [mm]		5.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.398	0.426
psSAR10g [W/Kg]	0.135	0.141
Power Drift [dB]	N/A	0.18



Measurement Report for Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE LEFT

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.8
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.31
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

Hardware Setup

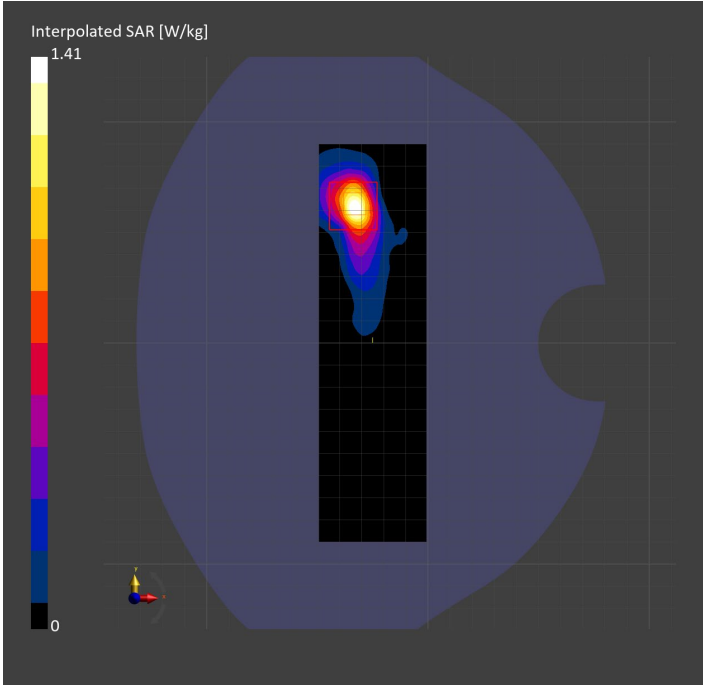
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.1 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]		7.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.344	0.359
psSAR10g [W/Kg]	0.111	0.111
Power Drift [dB]	N/A	0.13



Measurement Report for Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.3
Frequency [MHz] Channel Number	1625.100 1625100	TSL Conductivity [S/m]	1.25
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.86	Test Distance [mm]	5.00

Hardware Setup

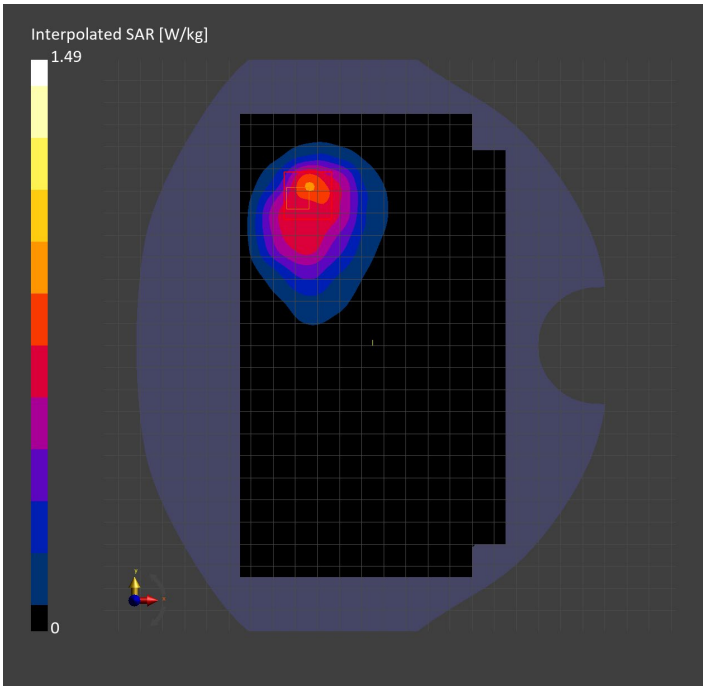
Probe Calibration Date	EX3DV4 - SN3989 2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1257 2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.3
Dist 3dB Peak [mm]		8.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.708	0.743
psSAR10g [W/Kg]	0.416	0.404
Power Drift [dB]	N/A	0.02



Measurement Report for Custom Band: CW, EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.3
Frequency [MHz] Channel Number	1617.600 1617600	TSL Conductivity [S/m]	1.25
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.86	Test Distance [mm]	5.00

Hardware Setup

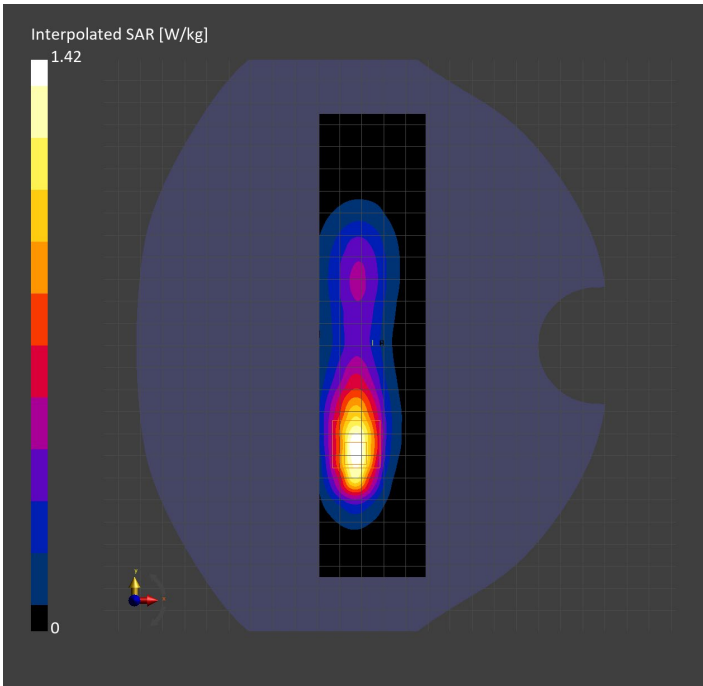
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DAE Calibration Date	DAE4 Sn1257 2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.5
Dist 3dB Peak [mm]		8.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.800
psSAR10g [W/Kg]	0.412	0.417
Power Drift [dB]	N/A	0.01



Measurement Report for Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2440.000 2440000	TSL Conductivity [S/m]	1.87
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

Hardware Setup

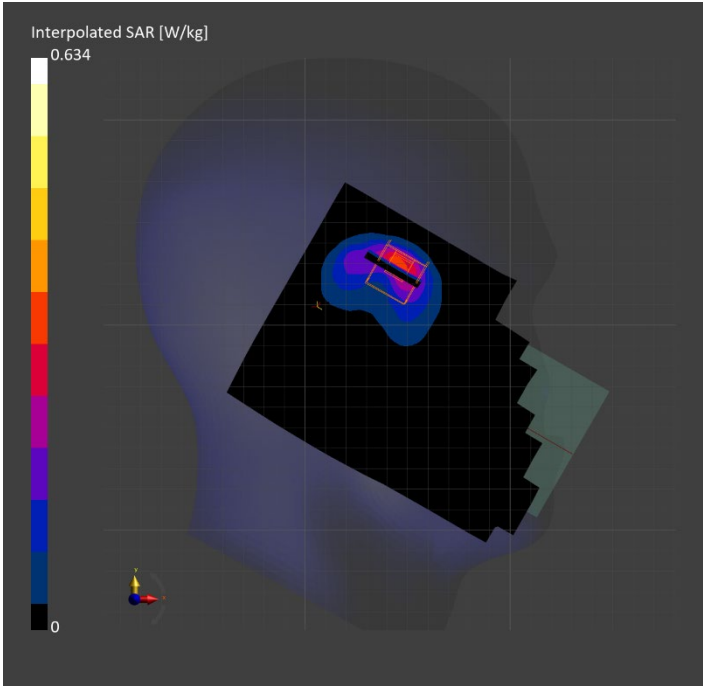
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DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
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 [%]		78.4
Dist 3dB Peak [mm]		6.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.246	0.273
psSAR10g [W/Kg]	0.114	0.116
Power Drift [dB]	N/A	-0.12



Measurement Report for Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2440.000 2440000	TSL Conductivity [S/m]	1.87
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

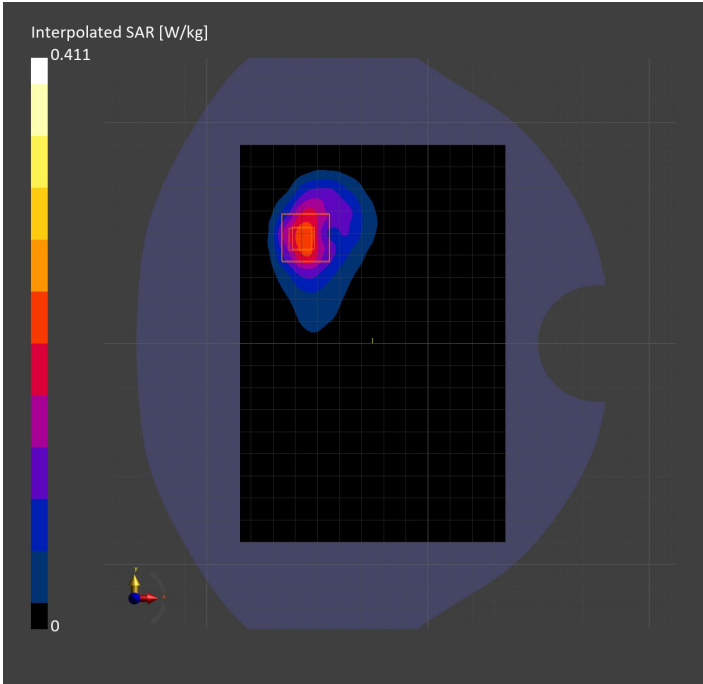
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DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
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 [%]		80.1
Dist 3dB Peak [mm]		8.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.182	0.191
psSAR10g [W/Kg]	0.088	0.085
Power Drift [dB]	N/A	-0.06



Measurement Report for Custom Band: CW, EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2440.000 2440000	TSL Conductivity [S/m]	1.87
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

Hardware Setup

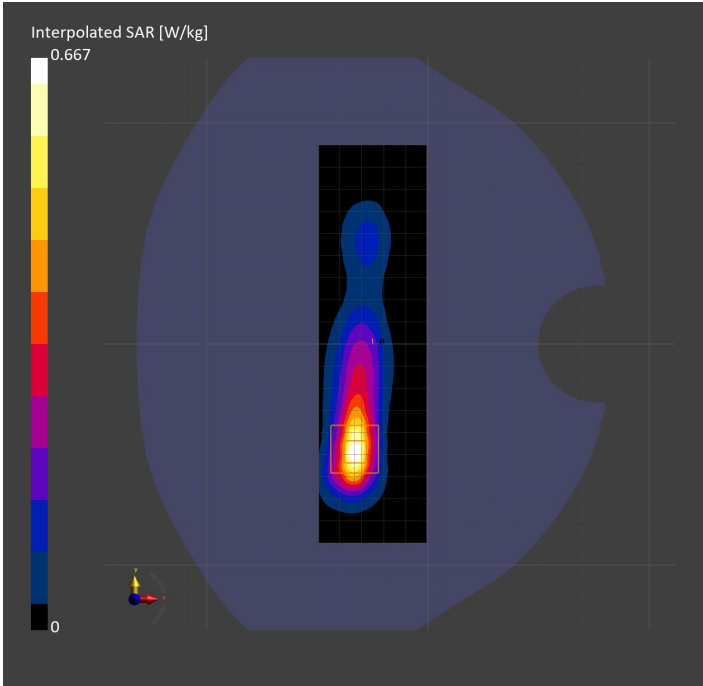
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DAE Calibration Date	DAE4 Sn1359 2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
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 [%]		79.0
Dist 3dB Peak [mm]		7.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.309	0.301
psSAR10g [W/Kg]	0.133	0.126
Power Drift [dB]	N/A	0.03



Measurement Report for Custom Band: Pulse Waveform (200Hz, 10%), CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.5
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	5.28
Group UID	CW 10658-AAB	Phantom Section TSL	RightHead HSL
Conversion Factor	5.0	Test Distance [mm]	0.00

Hardware Setup

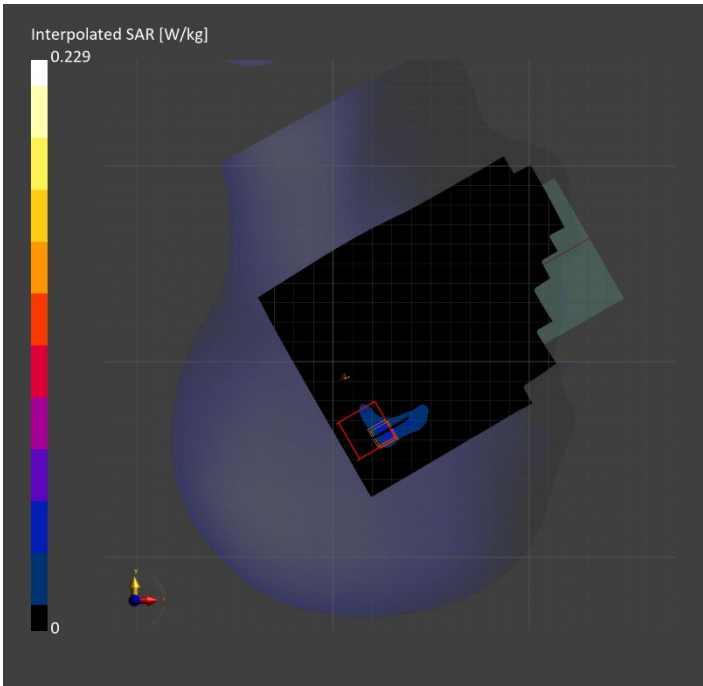
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DAE Calibration Date	DAE4 Sn1675 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		46.7	50.6
Dist 3dB Peak [mm]		5.1	4.6

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.031	0.028	0.029
psSAR10g [W/Kg]	0.009	0	0
Power Drift [dB]	N/A	-0.86	-0.70



Measurement Report for Custom Band: Pulse Waveform (200Hz, 10%), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.5
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	5.28
Group UID	CW 10658-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	5.0	Test Distance [mm]	5.00

Hardware Setup

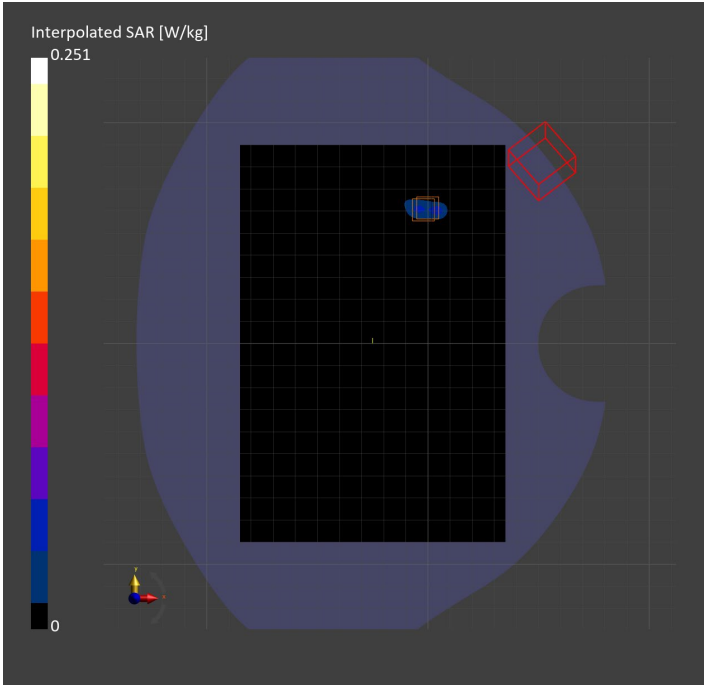
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DAE Calibration Date	DAE4 Sn1675 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		38.8	51.7
Dist 3dB Peak [mm]		2.9	3.6

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.026	0.025	0.028
psSAR10g [W/Kg]	0.005	0	0
Power Drift [dB]	N/A	1.91	-1.20



Exposure Conditions

Band	Custom Band	TSL Permittivity	34.1
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	5.30
Group UID	CW 10658-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	4.86	Test Distance [mm]	5.00

Hardware Setup

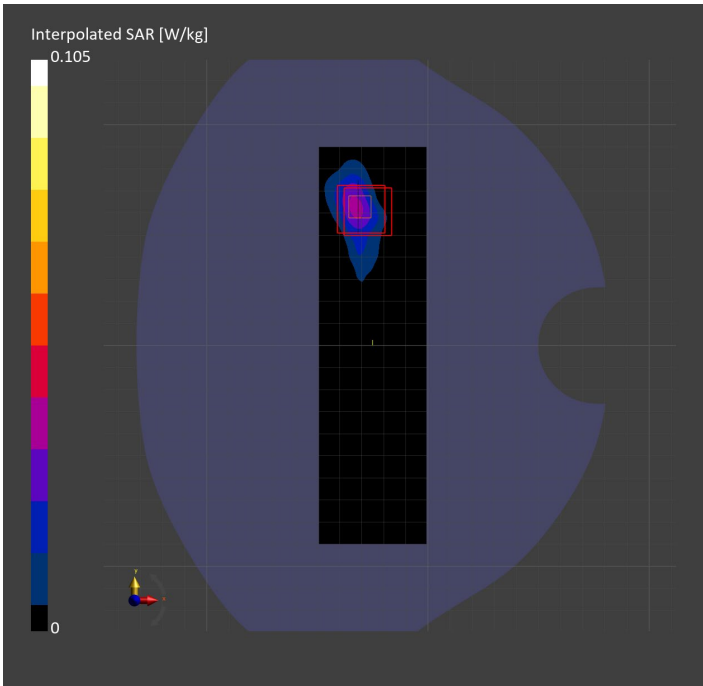
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DAE Calibration Date	DAE4 Sn1439 2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	48.6 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.1 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		69.3	52.3
Dist 3dB Peak [mm]		4.9	4.9

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.027	0.022	0.017
psSAR10g [W/Kg]	0.009	0.006	0.002
Power Drift [dB]	N/A	3.95	1.19



Measurement Report for Custom Band: CW, EDGE TOP

Exposure Conditions

Band	Custom Band	TSL Permittivity	57.2
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.727
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	19.03	Test Distance [mm]	0.00

Hardware Setup

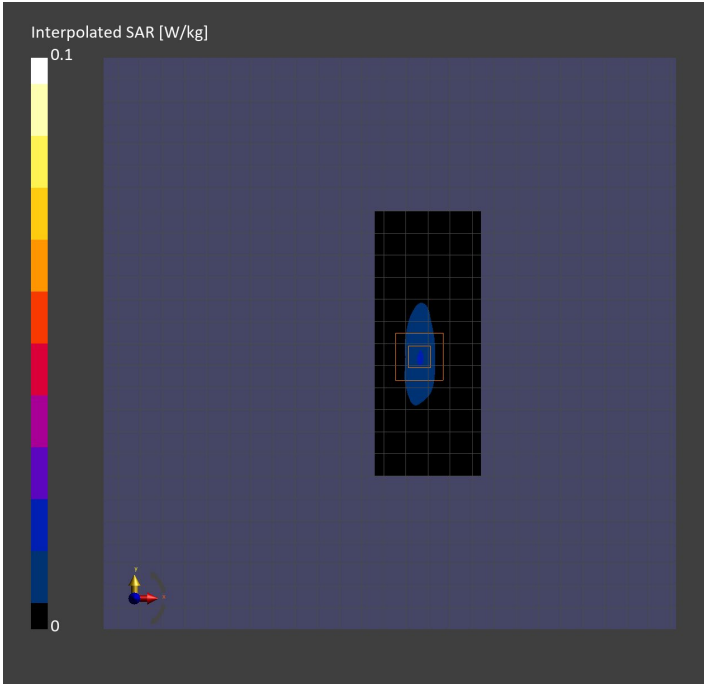
Probe Calibration Date	EX3DV4 - SN3989 2023-01-26	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1257 2022-09-20	TSL Type	HBBL4-250V3
Software Version	16.2.4.2524		

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 [%]		59.4
Dist 3dB Peak [mm]		4.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.015	0.014
psSAR10g [W/Kg]	0.009	0.005
Power Drift [dB]	N/A	0.05



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	43.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.891
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.6	Test Distance [mm]	25.00

Hardware Setup

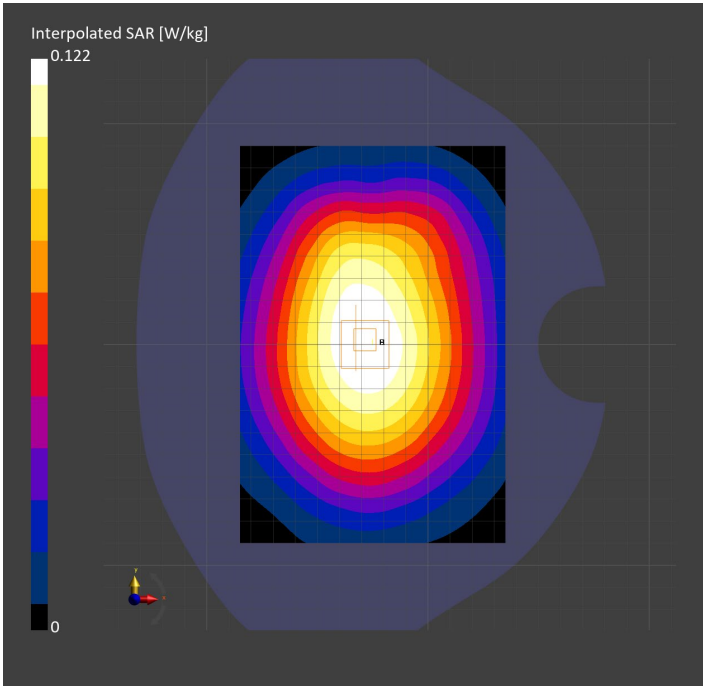
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DAE Calibration Date	DAE4 Sn1784 2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		91.9
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.122 [-32.5, -0.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.089	0.096
psSAR10g [W/Kg]	0.064	0.074
Power Drift [dB]	N/A	-0.04



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n77	TSL Permittivity	39.6
Frequency [MHz] Channel Number	3499.980 633332	TSL Conductivity [S/m]	2.79
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.78	Test Distance [mm]	25.00

Hardware Setup

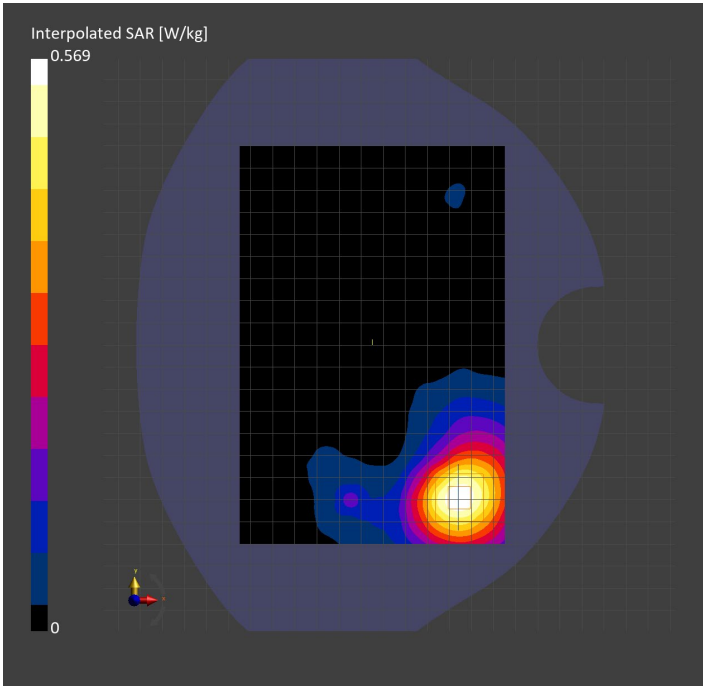
Probe Calibration Date	EX3DV4 - SN3989 2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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 [%]		77.8
Dist 3dB Peak [mm]		16.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.596 [14.0, -69.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.280	0.280
psSAR10g [W/Kg]	0.138	0.140
Power Drift [dB]	N/A	0.06



Custom Band: CW, EDGE BOTTOM

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.9
Frequency [MHz] Channel Number	1625.100 262466	TSL Conductivity [S/m]	1.24
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.86	Test Distance [mm]	25.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN3989 2023-01-26	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]	48.6 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 [%]		87.3
Dist 3dB Peak [mm]		16.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.624 [-26.8, -8.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.397	0.410
psSAR10g [W/Kg]	0.238	0.258
Power Drift [dB]	N/A	-0.10

