

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.5
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.921
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

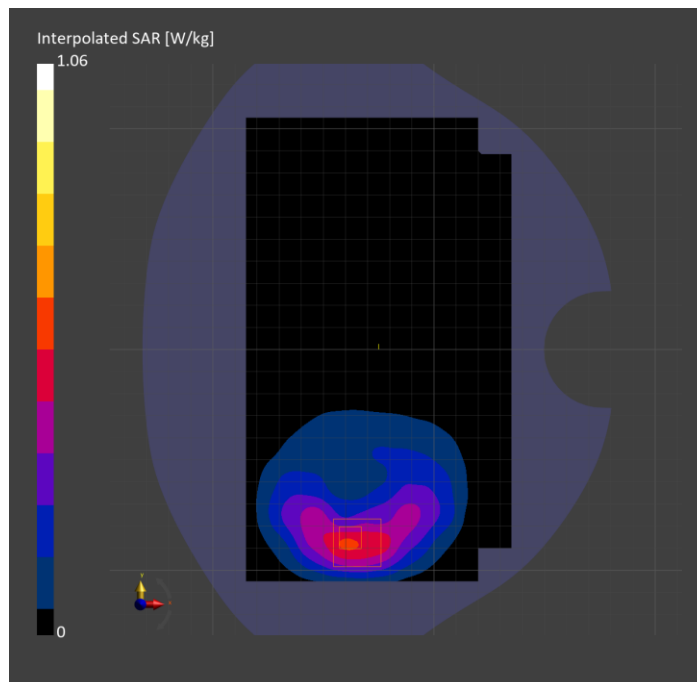
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.5
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.07 [-39.8, -83.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.456	0.549
psSAR10g [W/Kg]	0.284	0.296
Power Drift [dB]	N/A	0.19



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	40.2
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.962
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

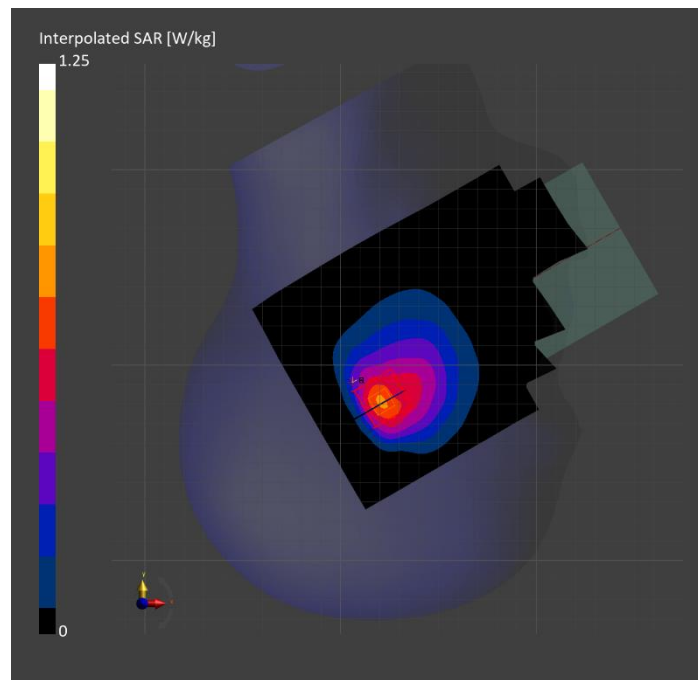
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [17.5, -321.0, -176.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.583
psSAR10g [W/Kg]	0.395	0.339
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.9
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.44
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00

Hardware Setup

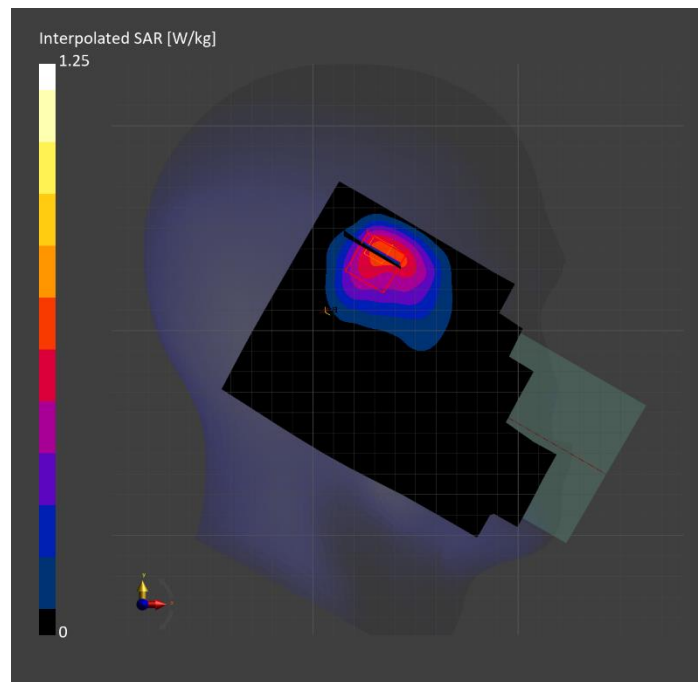
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.4 x 5.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.1
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [29.0, 341.6, -173.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.572	0.543
psSAR10g [W/Kg]	0.328	0.293
Power Drift [dB]	-0.02	-0.02



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.0
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.38
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

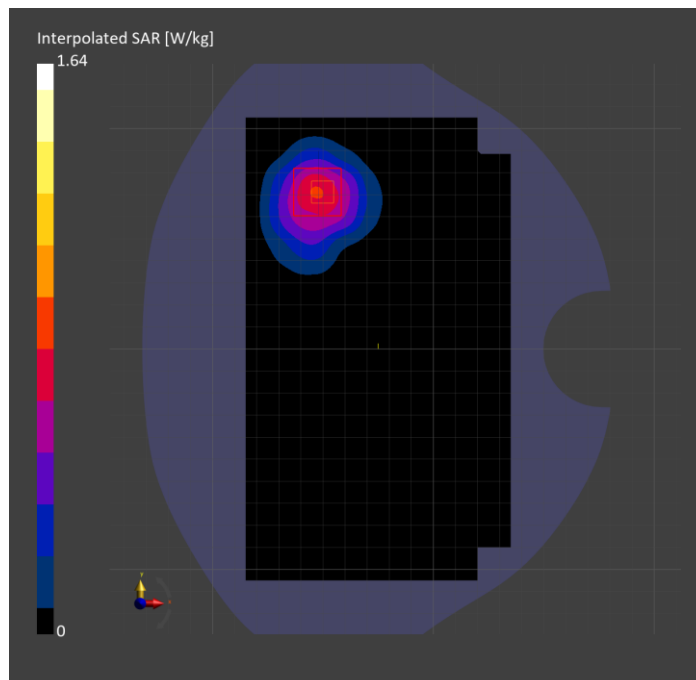
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		13.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.64 [-52.0, 72.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.688	0.754
psSAR10g [W/Kg]	0.393	0.406
Power Drift [dB]	N/A	-0.02



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	37.6
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.42
Group UID	WCDMA 10011-CAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00

Hardware Setup

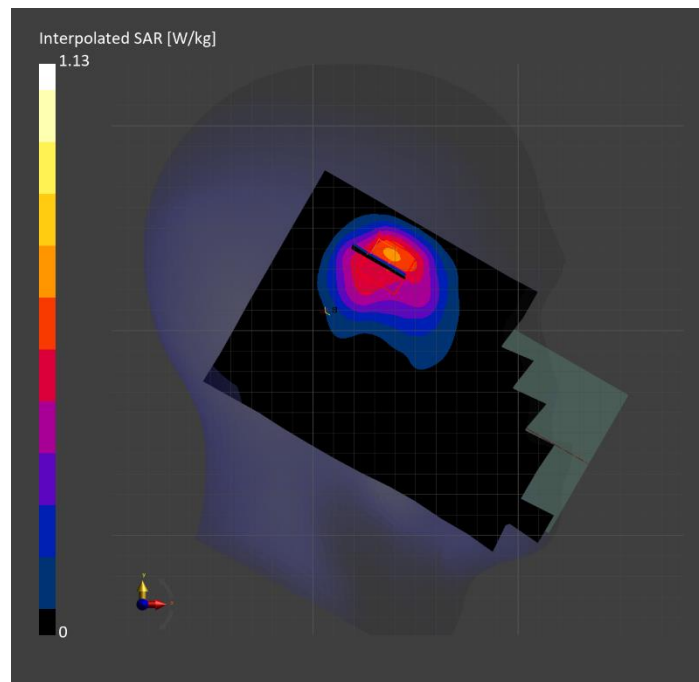
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.05 [34.4, 339.3, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.540	0.525
psSAR10g [W/Kg]	0.313	0.292
Power Drift [dB]	-0.00	0.01



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	37.6
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.43
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.67	Test Distance [mm]	5.00

Hardware Setup

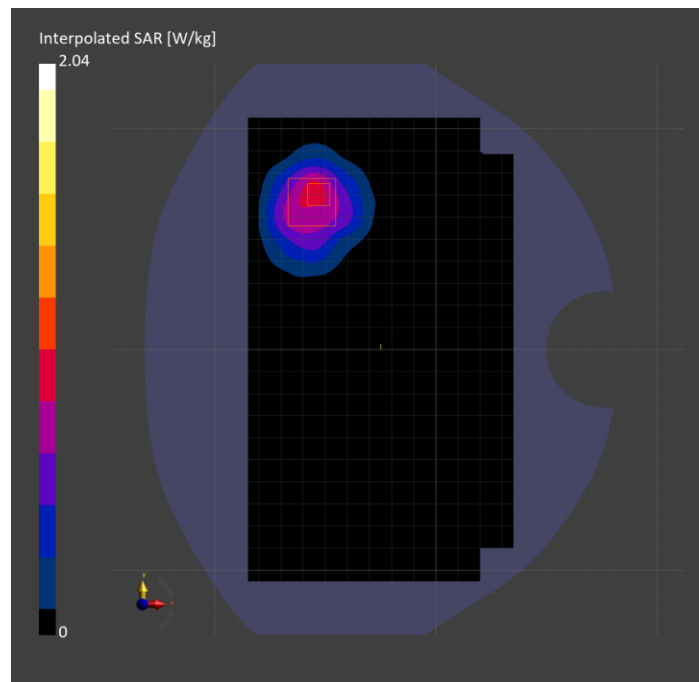
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		70.0
Dist 3dB Peak [mm]		8.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.04 [-52.0, 73.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.770	0.835
psSAR10g [W/Kg]	0.442	0.459
Power Drift [dB]	-0.01	-0.02



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.28
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

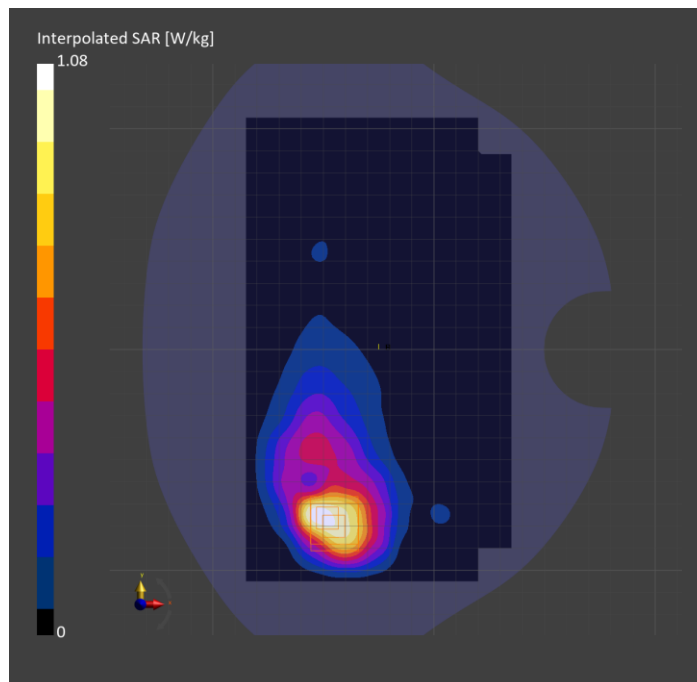
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.6
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [-42.9, -81.6, -213.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.493	0.604
psSAR10g [W/Kg]	0.281	0.313
Power Drift [dB]	-0.05	-0.01



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

Exposure Conditions

Band	Band 4	TSL Permittivity	39.2
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.27
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

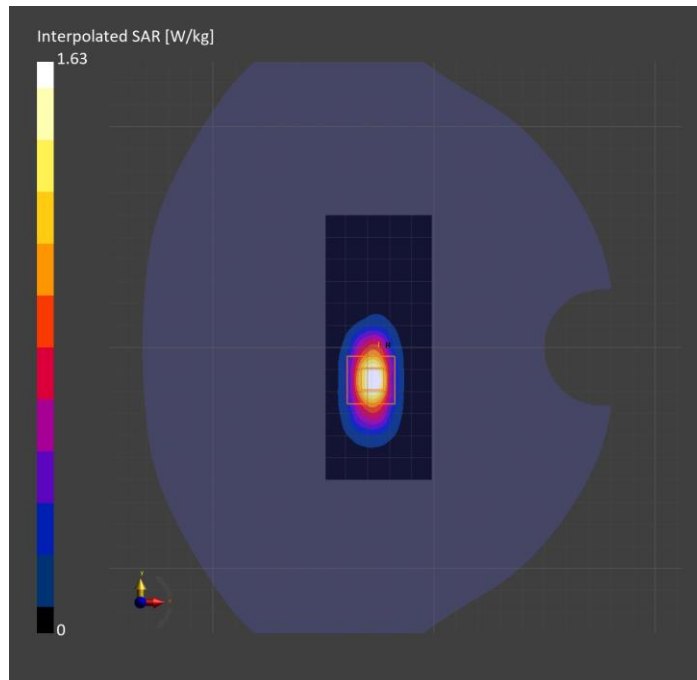
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.3
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.63 [-28.2, -14.2, -213.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.782	0.803
psSAR10g [W/Kg]	0.355	0.357
Power Drift [dB]	-0.01	0.01



Band 4: UMTS-FDD (WCDMA), TILT

Exposure Conditions

Band	Band 4	TSL Permittivity	42.3
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.29
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

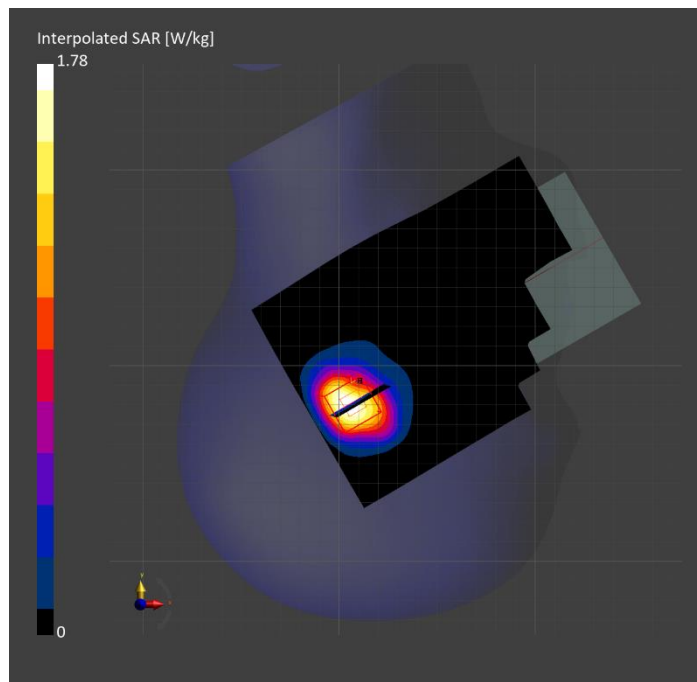
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.78 [6.5, -318.5, -173.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.570	0.814
psSAR10g [W/Kg]	0.316	0.376
Power Drift [dB]	0.00	-0.05



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	39.7
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.941
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

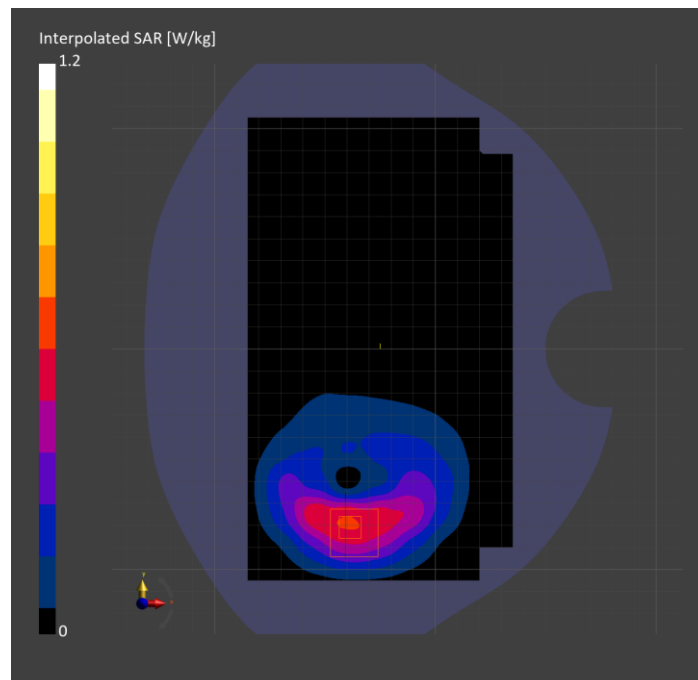
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.20 [-40.6, -79.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.538	0.627
psSAR10g [W/Kg]	0.344	0.335
Power Drift [dB]	N/A	-0.06



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.1
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.946
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

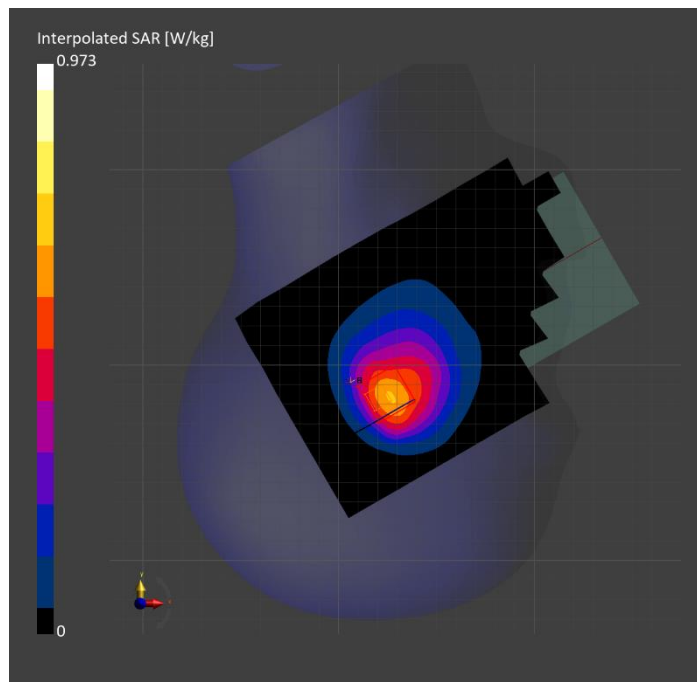
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		9.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.973 [20.2, -327.4, -176.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.559	0.535
psSAR10g [W/Kg]	0.365	0.349
Power Drift [dB]	N/A	0.02



Band 5: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.4
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.956
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

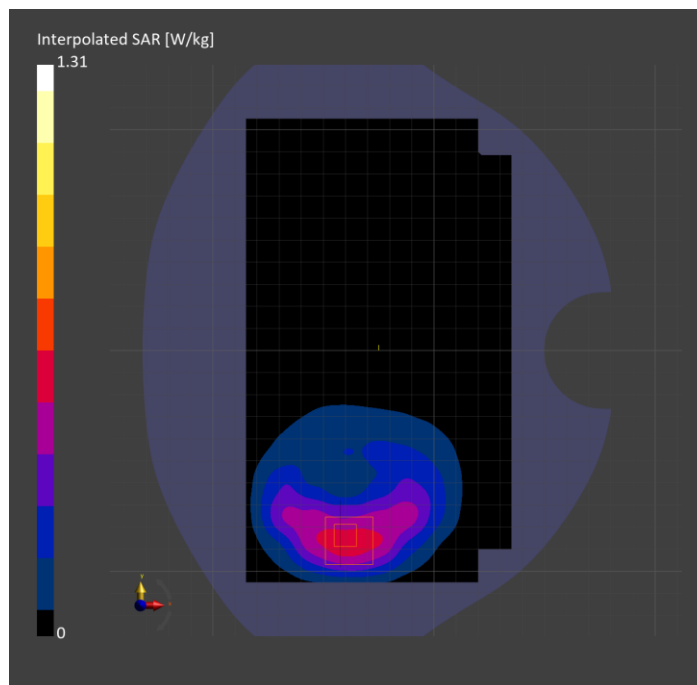
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.2
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.31 [-42.3, -82.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.546	0.675
psSAR10g [W/Kg]	0.349	0.362
Power Drift [dB]	N/A	-0.02



Band 5: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	40.2
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.962
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

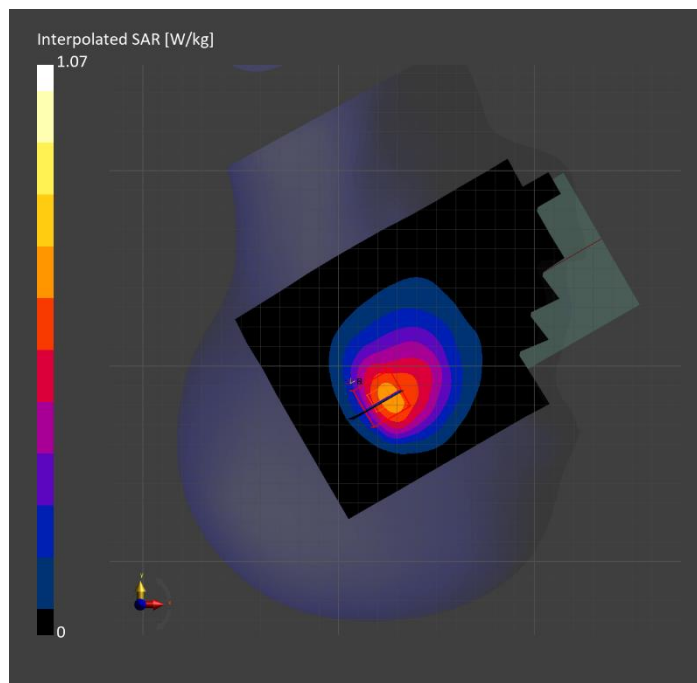
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.1
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.07 [15.5, -320.7, -176.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.581	0.545
psSAR10g [W/Kg]	0.379	0.333
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 7	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.79
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.03	Test Distance [mm]	0.00

Hardware Setup

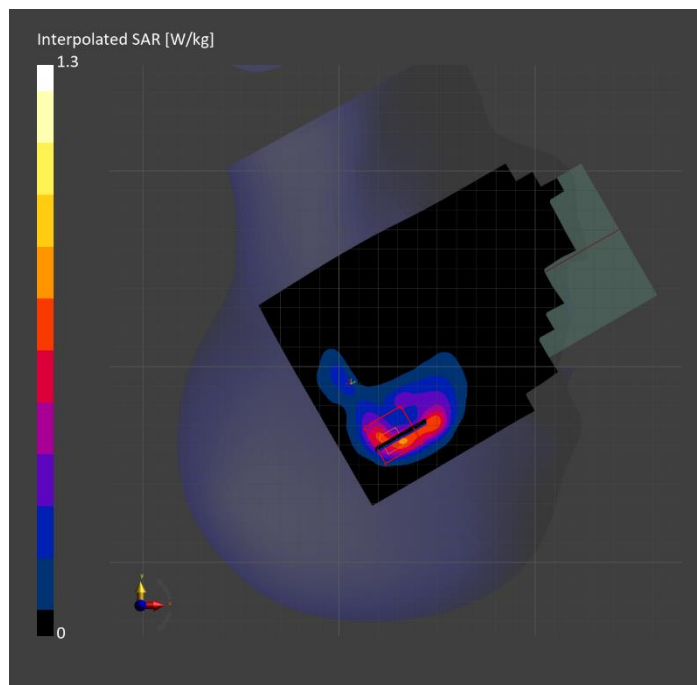
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.31 [28.4, -339.4, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.531	0.589
psSAR10g [W/Kg]	0.252	0.248
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 7	TSL Permittivity	38.0
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.90
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

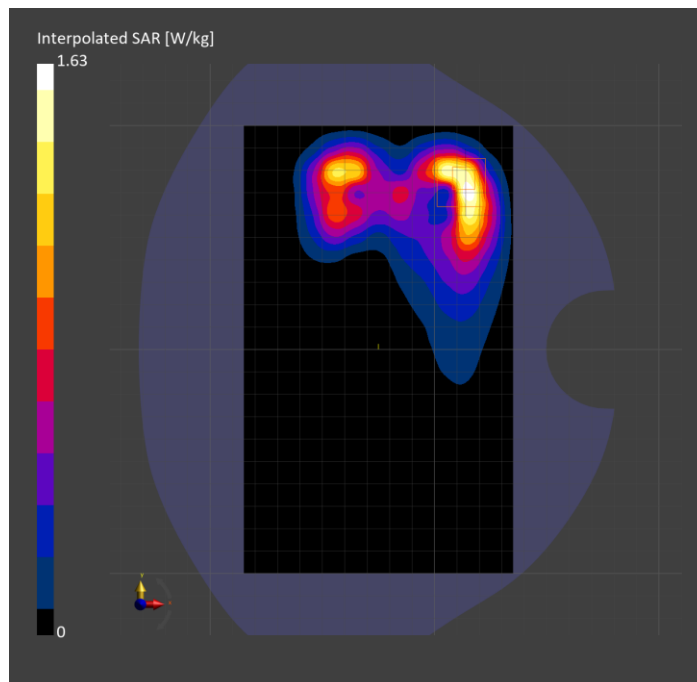
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.1
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.63 [14.0, 74.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.674	0.735
psSAR10g [W/Kg]	0.311	0.318
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 7	TSL Permittivity	38.0
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.90
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

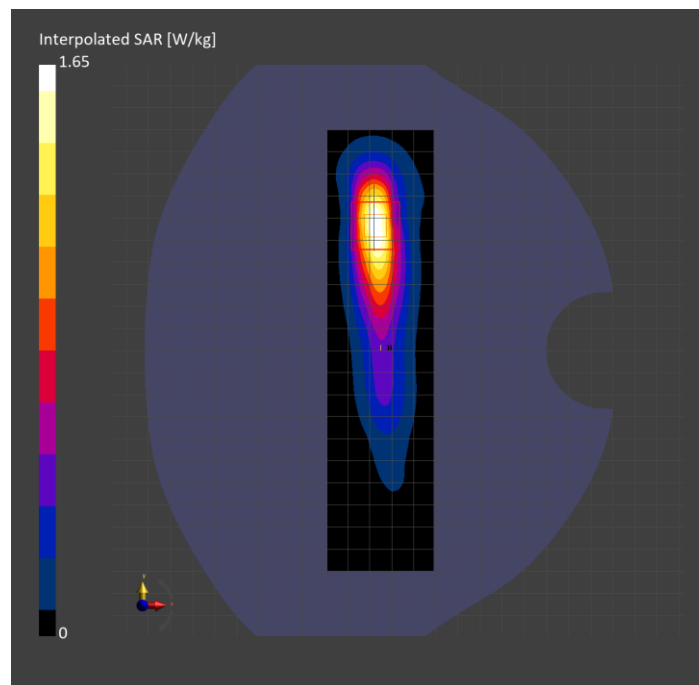
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.2
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.65 [-27.9, 60.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.715	0.754
psSAR10g [W/Kg]	0.327	0.335
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 12	TSL Permittivity	43.1
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.869
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

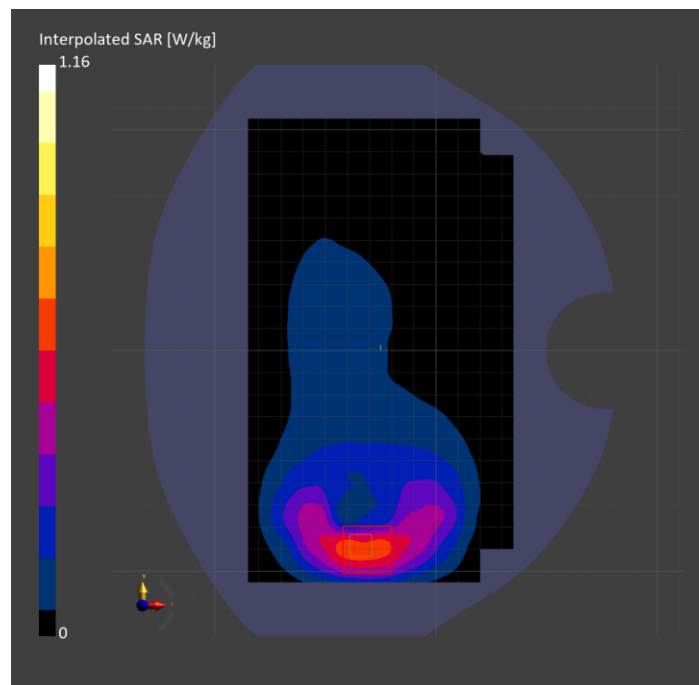
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.4
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.16 [-36.8, -86.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.543	0.573
psSAR10g [W/Kg]	0.337	0.308
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 12	TSL Permittivity	43.1
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.27	Test Distance [mm]	0.00

Hardware Setup

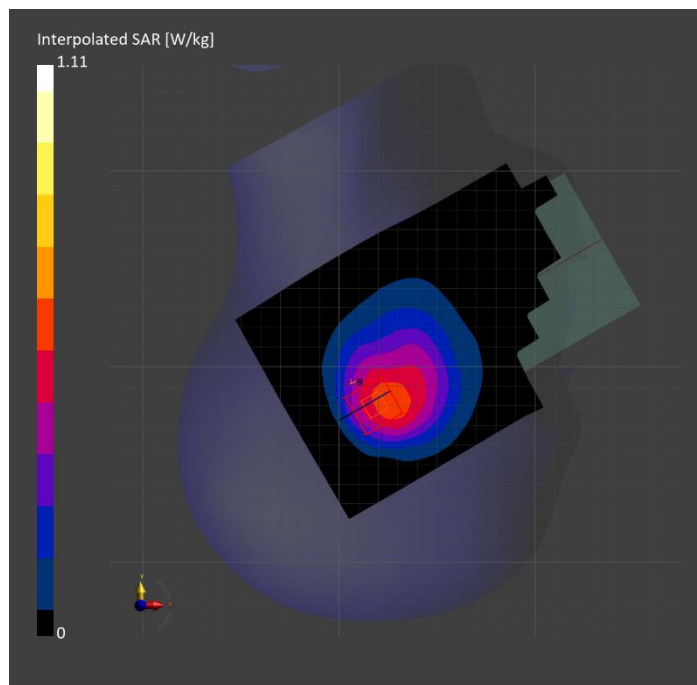
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.2
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.12 [13.8, -318.8, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.535	0.561
psSAR10g [W/Kg]	0.367	0.329
Power Drift [dB]	N/A	-0.09



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

Exposure Conditions

Band	Band 13	TSL Permittivity	42.6
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.933
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

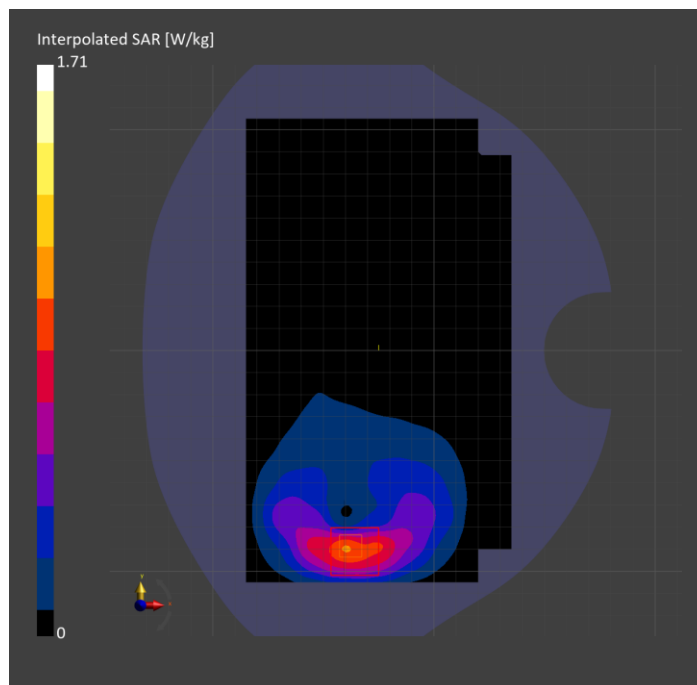
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.7 x 5.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.6
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [-40.5, -87.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.820	0.855
psSAR10g [W/Kg]	0.489	0.454
Power Drift [dB]	N/A	-0.12



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

Exposure Conditions

Band	Band 13	TSL Permittivity	40.1
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.901
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

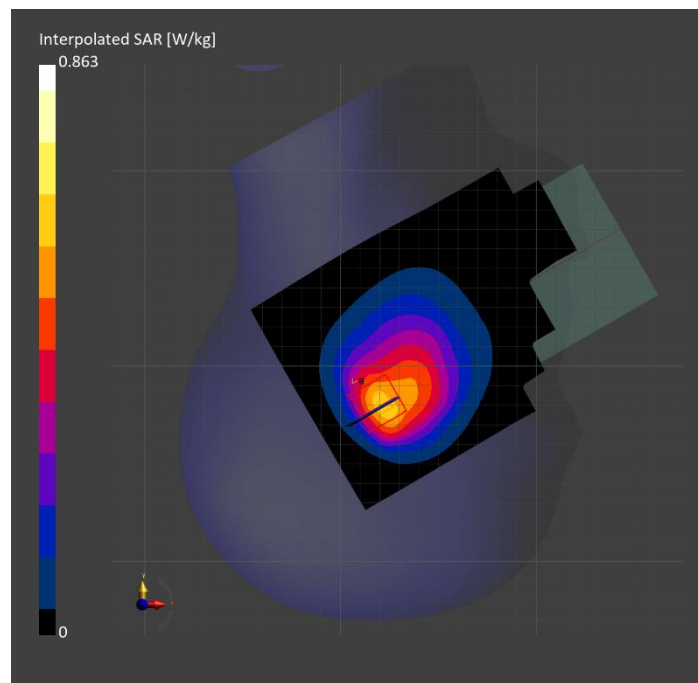
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		88.6
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.863 [12.8, -324.0, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.528	0.487
psSAR10g [W/Kg]	0.349	0.308
Power Drift [dB]	N/A	-0.01



Band 14: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	42.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.938
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

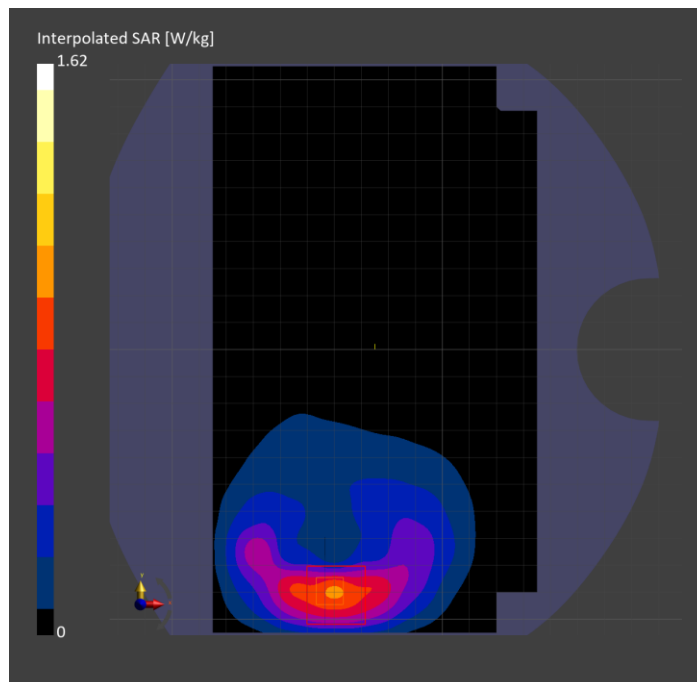
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.62 [-43.4, -87.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.802	0.818
psSAR10g [W/Kg]	0.478	0.434
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 14	TSL Permittivity	39.6
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.897
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

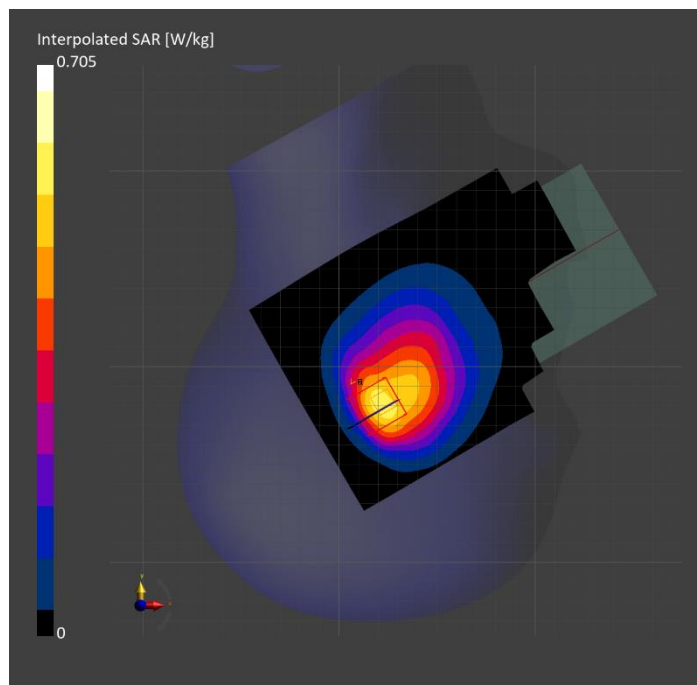
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.6
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.15 [17.5, -323.1, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.671	0.634
psSAR10g [W/Kg]	0.442	0.410
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 25	TSL Permittivity	37.9
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.38
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

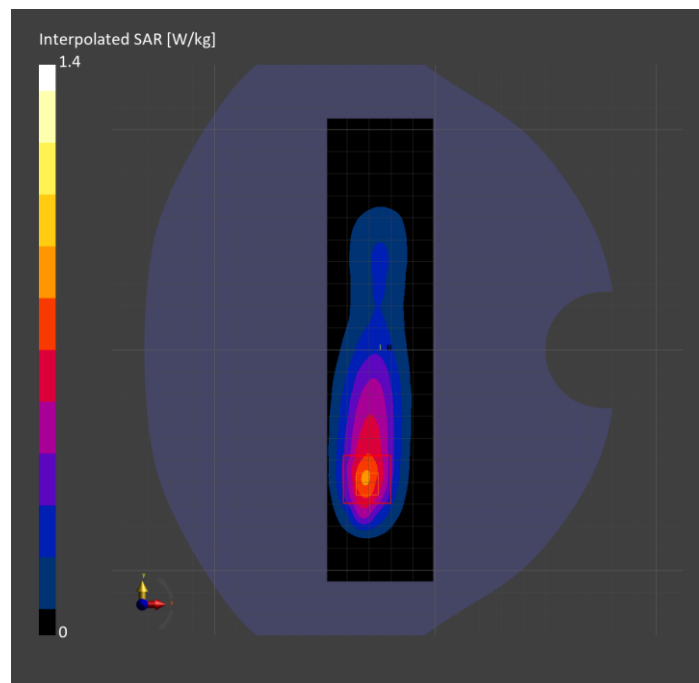
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		81.9
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.40 [-29.8, -64.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.662	0.715
psSAR10g [W/Kg]	0.344	0.359
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	Band 25	TSL Permittivity	37.6
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.42
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00

Hardware Setup

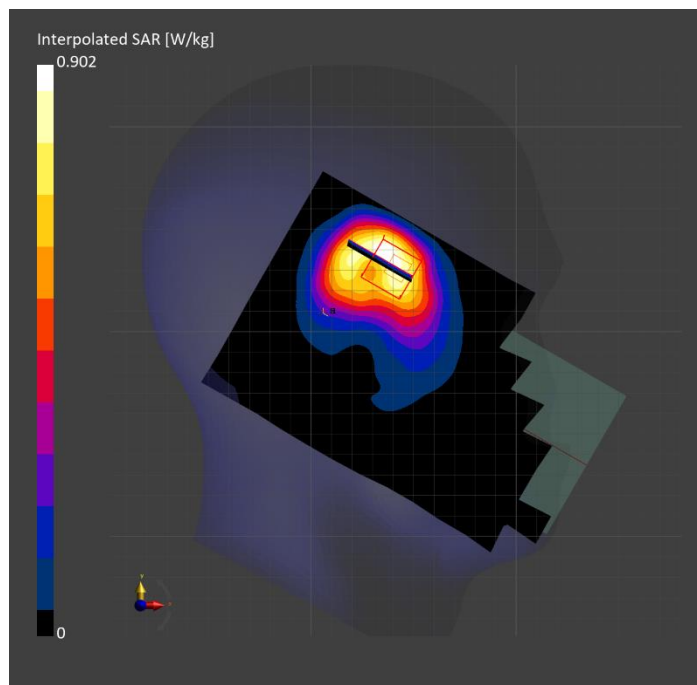
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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]		8.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.902 [43.5, 331.3, -176.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.414	0.458
psSAR10g [W/Kg]	0.245	0.253
Power Drift [dB]	-0.30	0.01



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

Exposure Conditions

Band	Band 25	TSL Permittivity	40.2
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.37
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

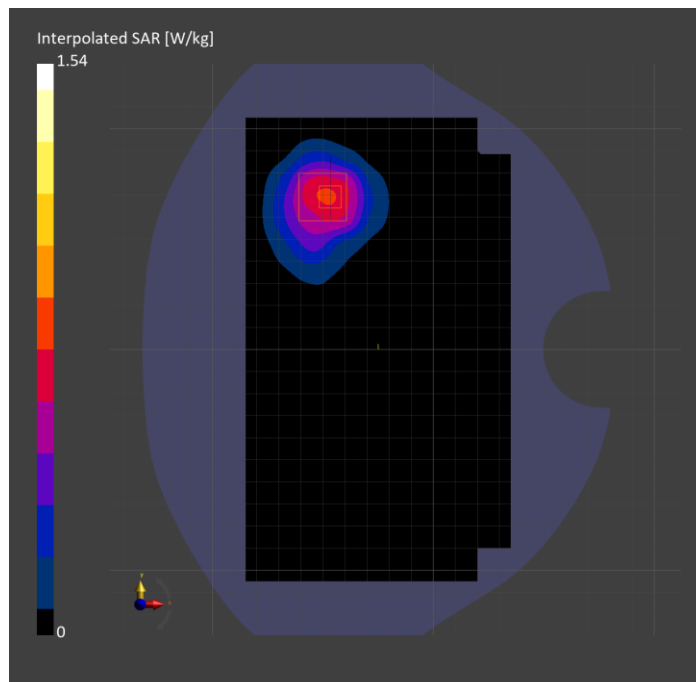
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DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.8
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.54 [-46.4, 74.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.669	0.760
psSAR10g [W/Kg]	0.384	0.406
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 26	TSL Permittivity	38.7
Frequency [MHz] Channel Number	844.000 26990	TSL Conductivity [S/m]	0.915
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

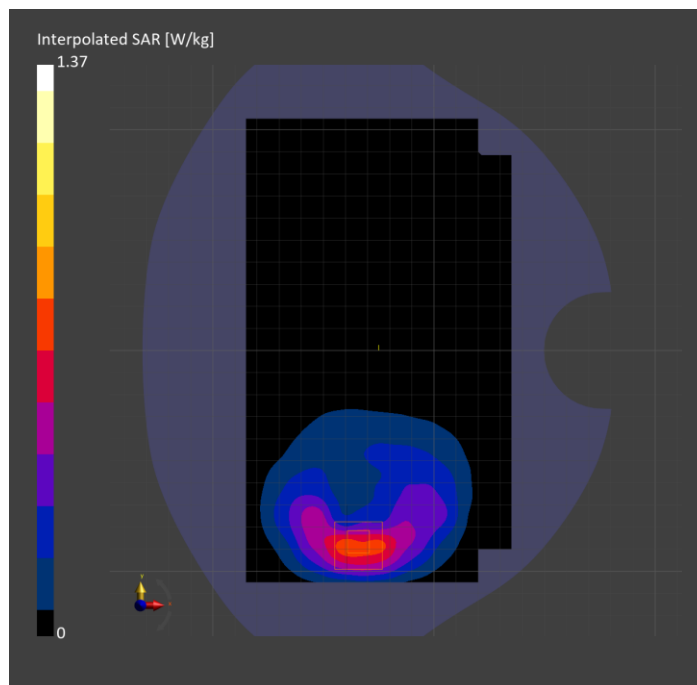
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.6
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.37 [-39.3, -84.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.717
psSAR10g [W/Kg]	0.378	0.386
Power Drift [dB]	N/A	-0.01



**Band 26: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:High
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band 26	TSL Permittivity	40.2
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.961
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

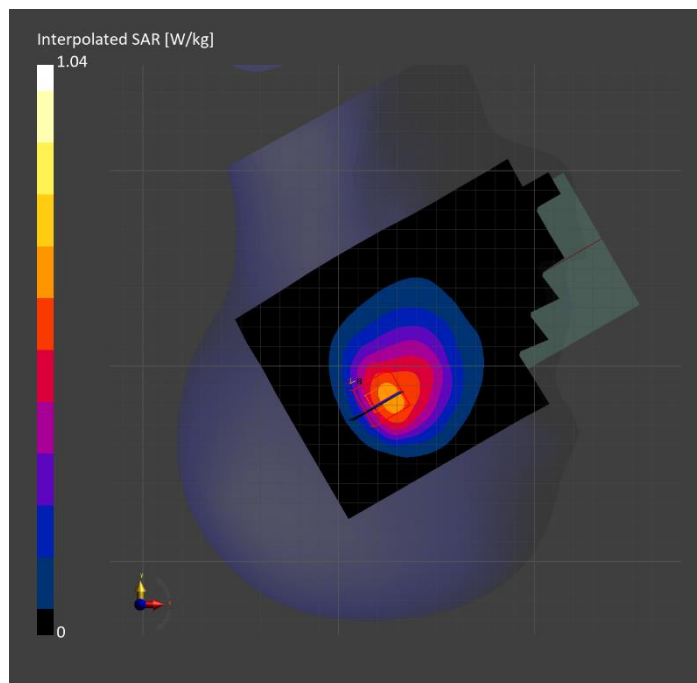
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.0
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.04 [15.8, -321.1, -176.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.562	0.532
psSAR10g [W/Kg]	0.371	0.332
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 30	TSL Permittivity	37.2
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.74
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.98	Test Distance [mm]	0.00

Hardware Setup

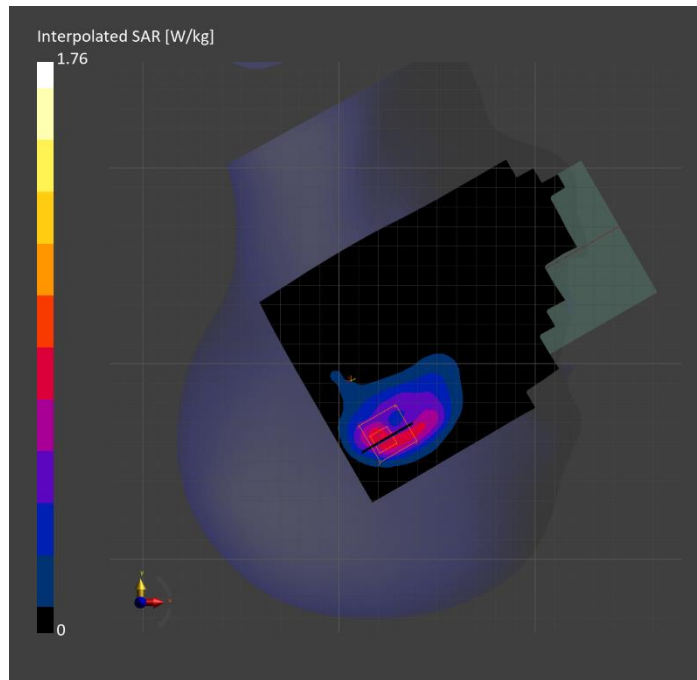
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.76 [23.2, -340.1, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.656	0.728
psSAR10g [W/Kg]	0.331	0.329
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 30	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.70
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.39	Test Distance [mm]	5.00

Hardware Setup

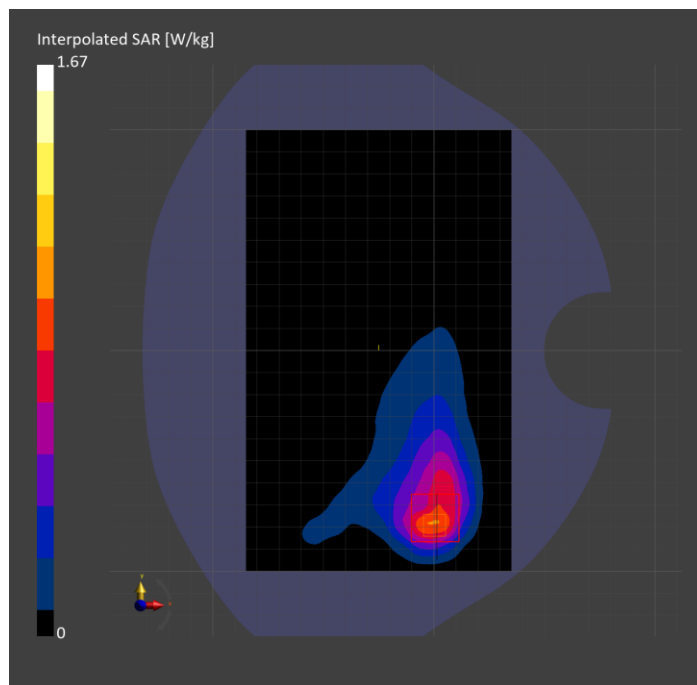
Probe Calibration Date	EX3DV4 - SN3929 2024-03-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2024-03-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		9.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.67 [1.5, -80.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.774	0.770
psSAR10g [W/Kg]	0.403	0.394
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 41	TSL Permittivity	37.5
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.99
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.63	Test Distance [mm]	0.00

Hardware Setup

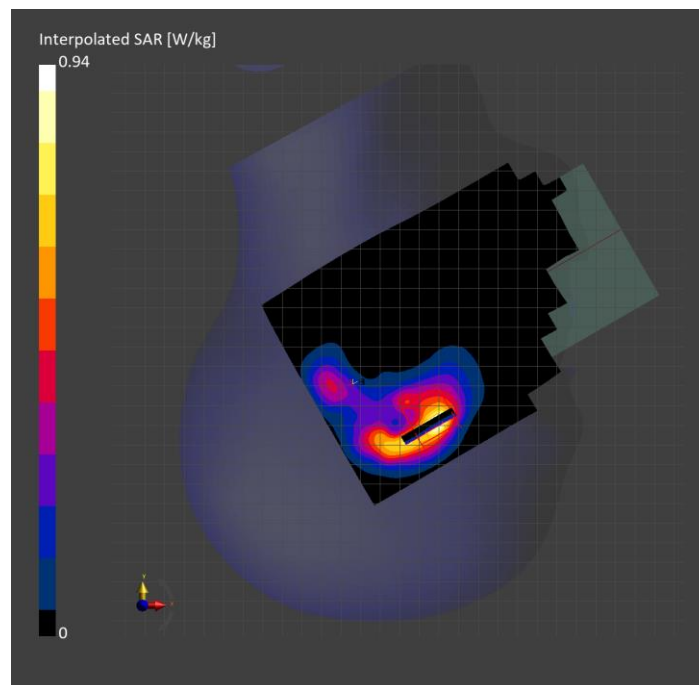
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.0
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.940 [47.2, -332.5, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.393	0.393
psSAR10g [W/Kg]	0.179	0.175
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 41	TSL Permittivity	36.6
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.95
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

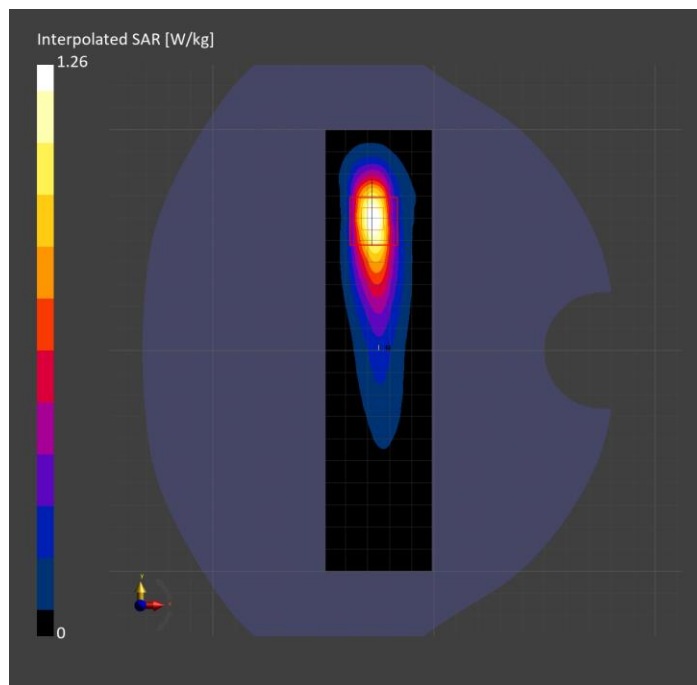
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.3
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.26 [-27.9, 62.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.507	0.533
psSAR10g [W/Kg]	0.220	0.223
Power Drift [dB]	N/A	-0.03



Band 41: 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 41	TSL Permittivity	40.0
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.96
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

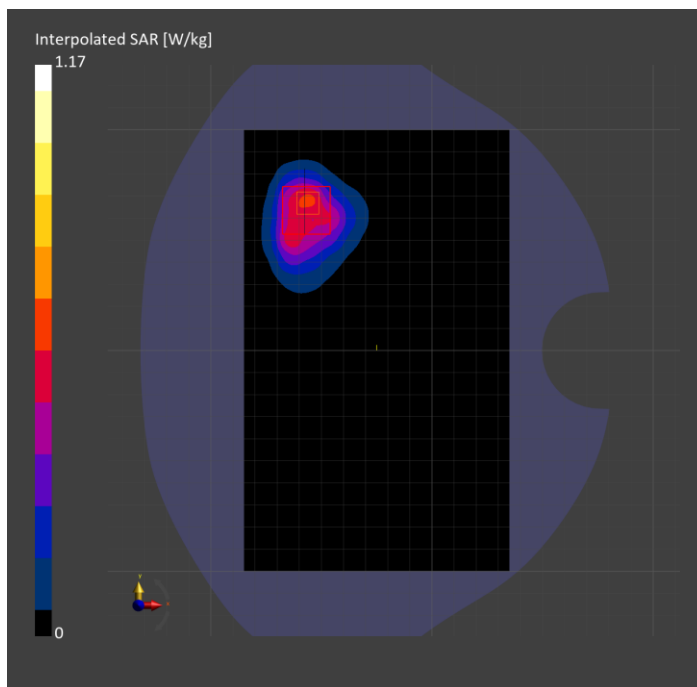
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.4
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.17 [-57.5, 67.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.476	0.481
psSAR10g [W/Kg]	0.254	0.241
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 48	TSL Permittivity	35.6
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	3.18
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.99	Test Distance [mm]	5.00

Hardware Setup

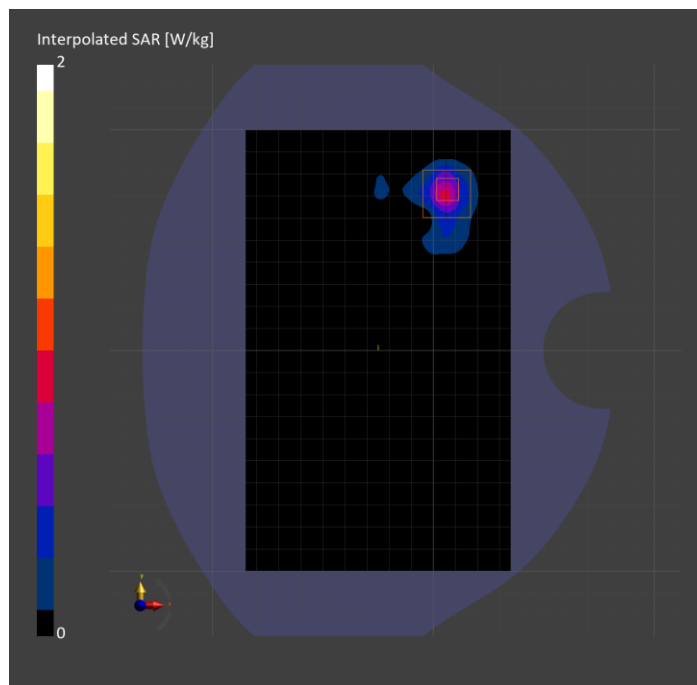
Probe Calibration Date	EX3DV4 - SN7356 2024-03-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2023-09-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.9
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.00 [6.0, 73.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.602	0.662
psSAR10g [W/Kg]	0.211	0.210
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 48	TSL Permittivity	35.8
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	3.01
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.91	Test Distance [mm]	5.00

Hardware Setup

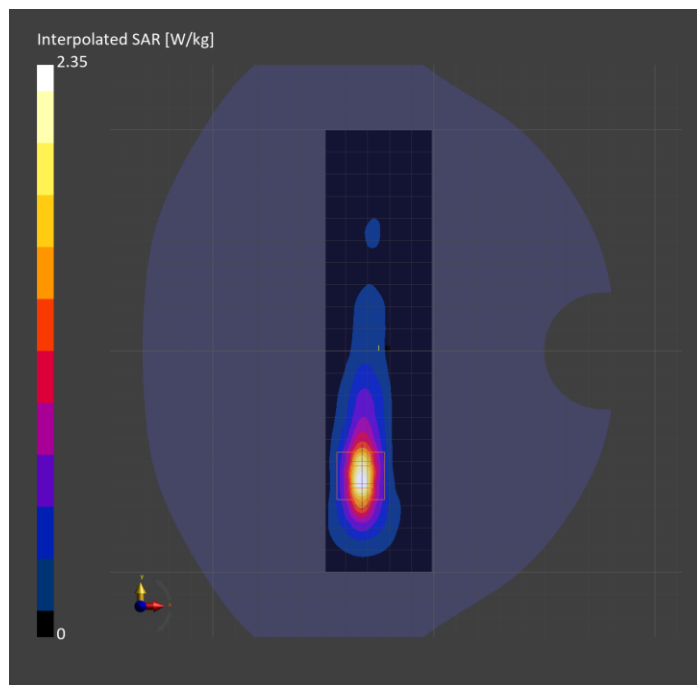
Probe Calibration Date	EX3DV4 - SN7356 2024-03-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2023-09-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.4
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.35 [-32.5, -58.0, -211.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.735	0.776
psSAR10g [W/Kg]	0.265	0.259
Power Drift [dB]	N/A	-0.05



Band 48: 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 48	TSL Permittivity	38.7
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.88
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

Hardware Setup

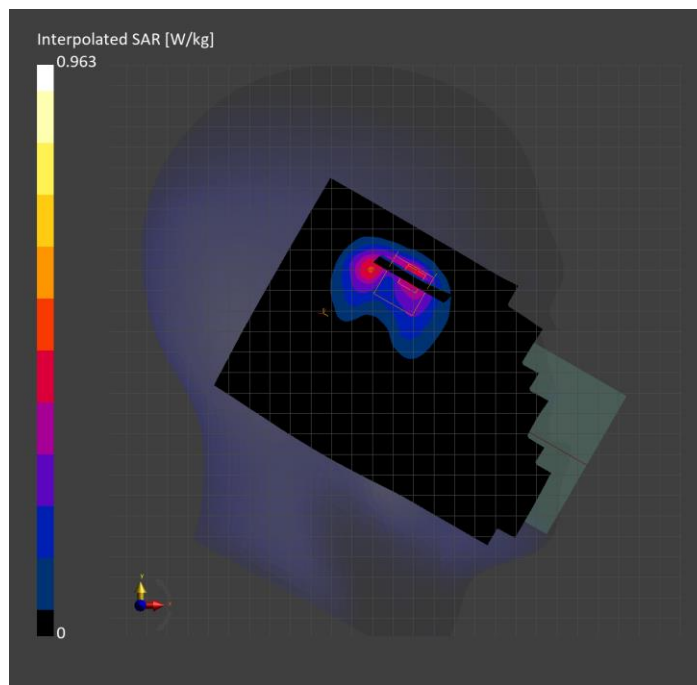
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.7
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.963 [48.6, 330.2, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.340	0.337
psSAR10g [W/Kg]	0.142	0.140
Power Drift [dB]	N/A	-0.19



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	38.9
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.87
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.66	Test Distance [mm]	0.00

Hardware Setup

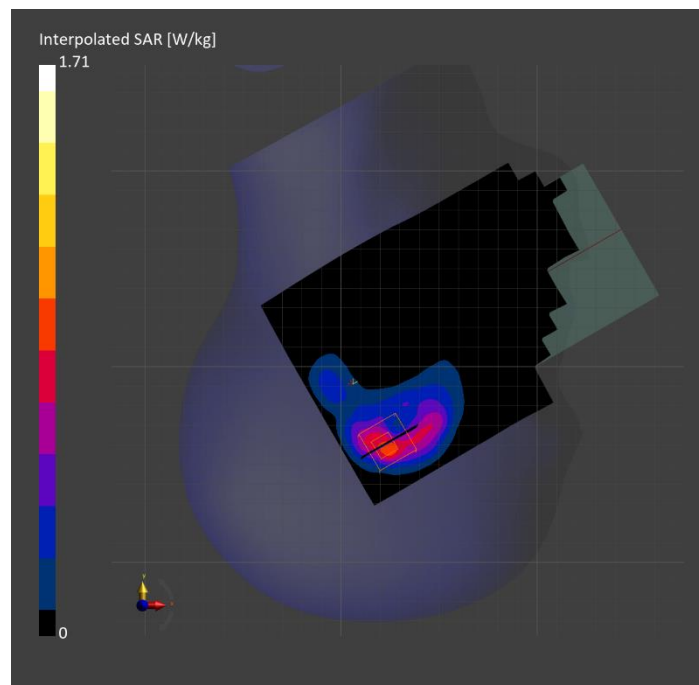
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [22.4, -341.9, -173.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	0.753
psSAR10g [W/Kg]	0.325	0.335
Power Drift [dB]	N/A	-0.06



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	38.9
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.87
Group UID	LTE-TDD 10488-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	5.00

Hardware Setup

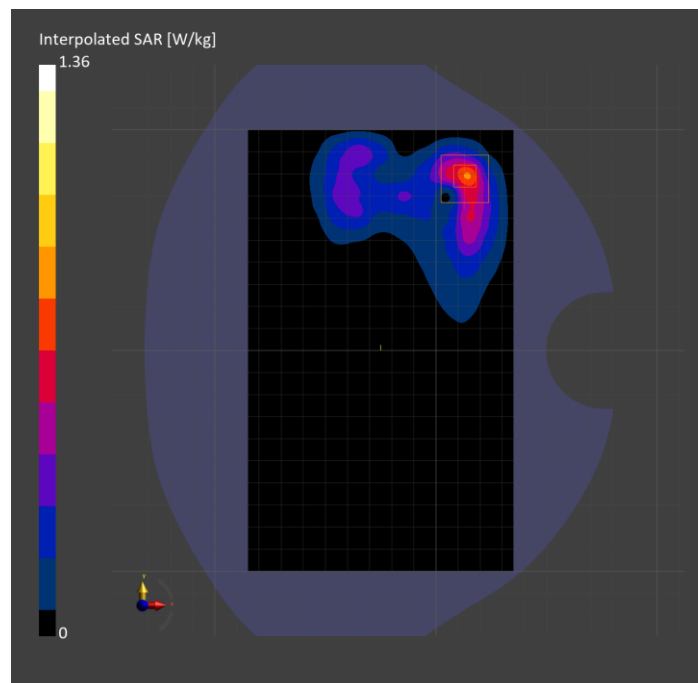
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.36 [13.0, 79.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.577	0.613
psSAR10g [W/Kg]	0.248	0.257
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 53	TSL Permittivity	38.9
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.87
Group UID	LTE-TDD 10488-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	5.00

Hardware Setup

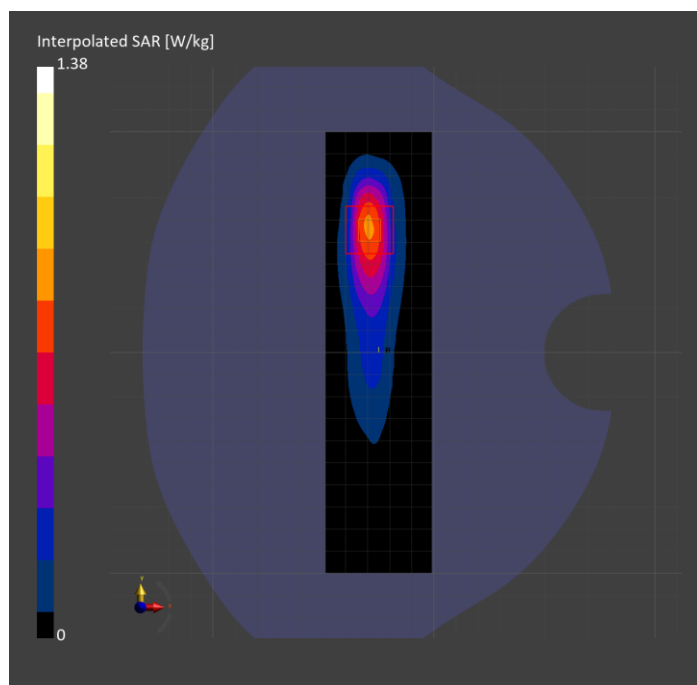
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-29.5, 62.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.639	0.665
psSAR10g [W/Kg]	0.294	0.301
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 66	TSL Permittivity	42.0
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.35
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.53	Test Distance [mm]	5.00

Hardware Setup

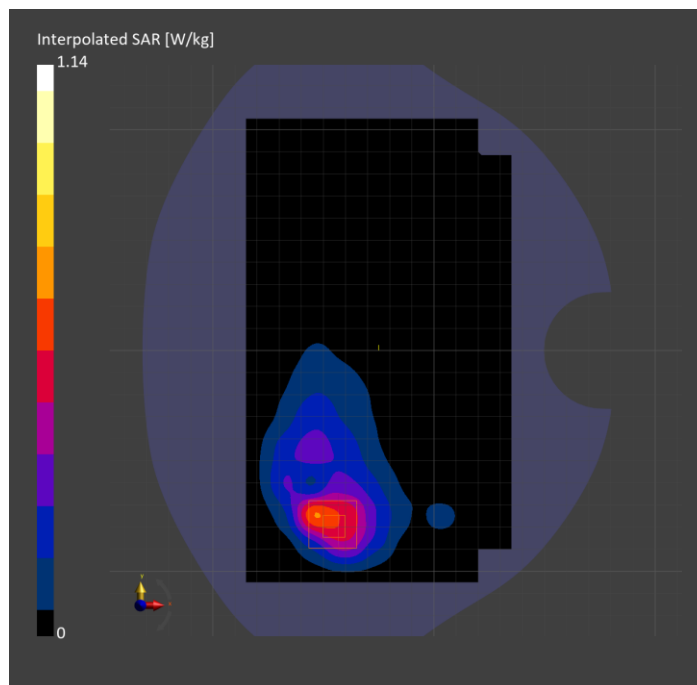
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.14 [-43.2, -80.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.528	0.634
psSAR10g [W/Kg]	0.294	0.325
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 66	TSL Permittivity	42.2
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

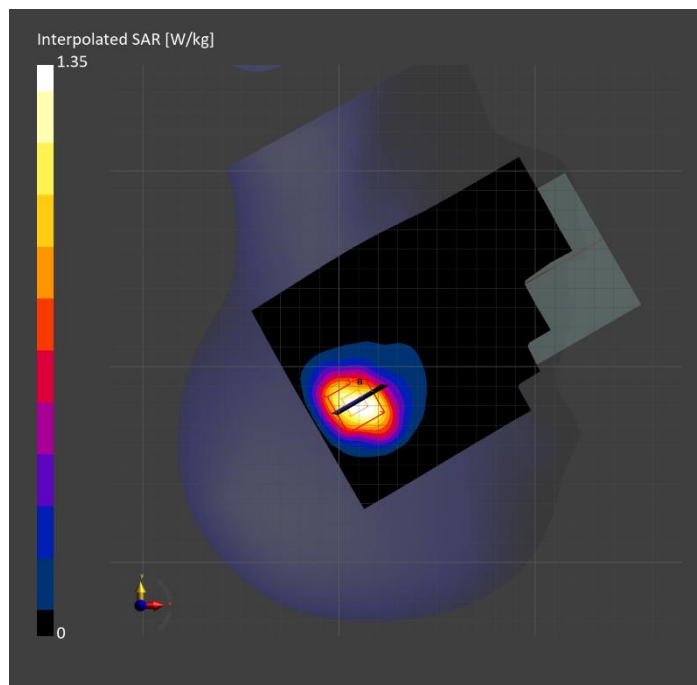
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.9
Dist 3dB Peak [mm]		6.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.35 [8.0, -316.7, -173.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.466	0.632
psSAR10g [W/Kg]	0.262	0.296
Power Drift [dB]	-0.01	-0.01



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

Exposure Conditions

Band	Band 66	TSL Permittivity	37.8
Frequency [MHz] Channel Number	1720.000 132072	TSL Conductivity [S/m]	1.29
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

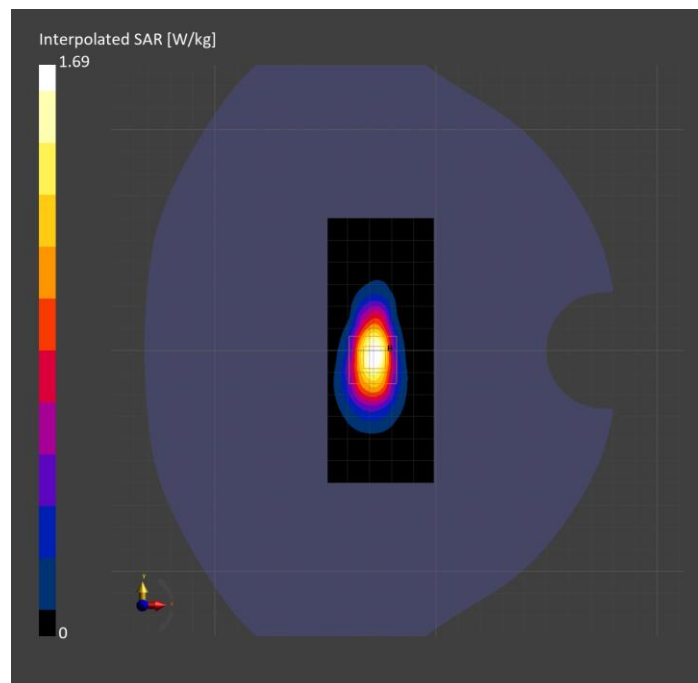
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.69 [-28.3, -2.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.805	0.815
psSAR10g [W/Kg]	0.383	0.376
Power Drift [dB]	-0.01	-0.00



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.837
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

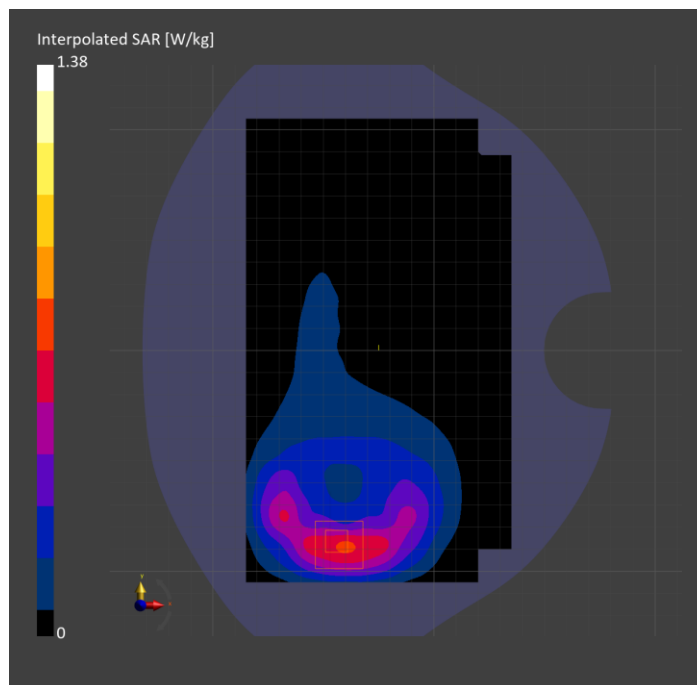
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.3
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-47.0, -84.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	0.700
psSAR10g [W/Kg]	0.376	0.387
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band 71	TSL Permittivity	40.4
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.887
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

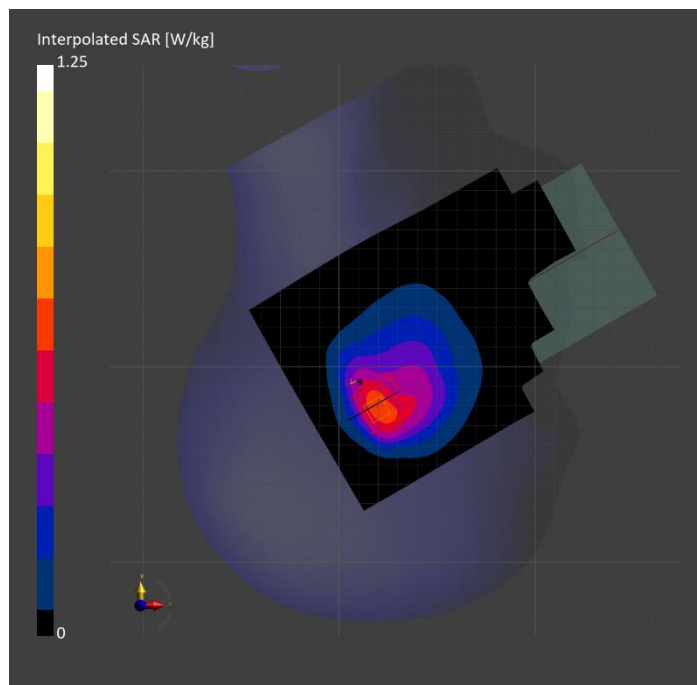
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.2
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [14.2, -321.4, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.598	0.542
psSAR10g [W/Kg]	0.386	0.321
Power Drift [dB]	N/A	0.02



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	43.1
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.946
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

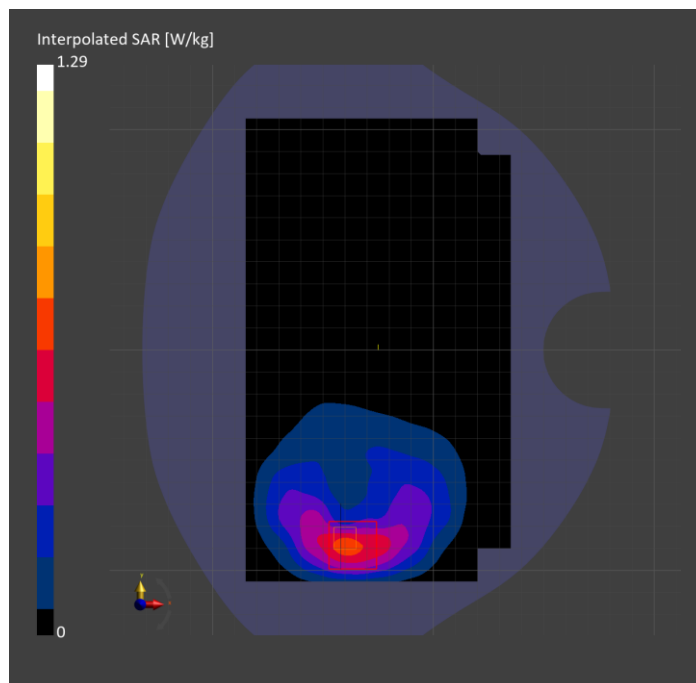
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.1
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.29 [-41.8, -83.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.580	0.667
psSAR10g [W/Kg]	0.350	0.358
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n5	TSL Permittivity	40.2
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.962
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

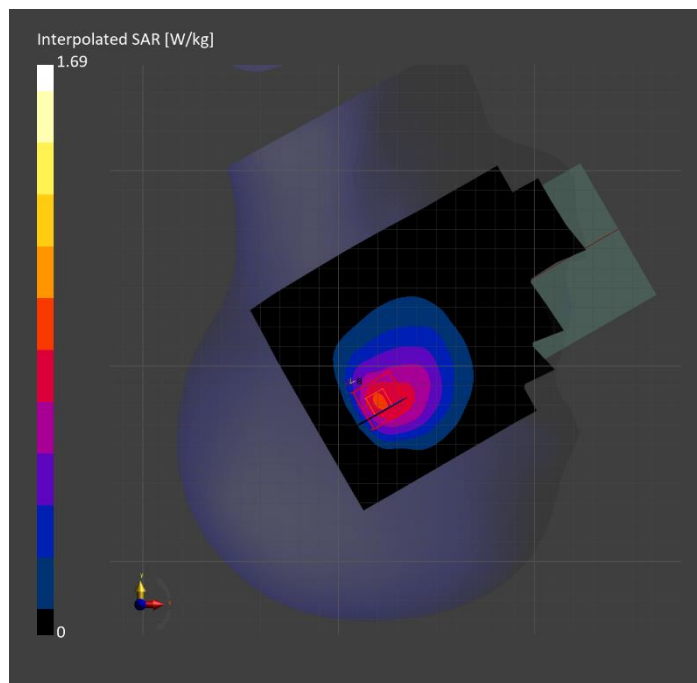
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.9
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.69 [19.3, -324.1, -176.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.732	0.721
psSAR10g [W/Kg]	0.474	0.407
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band n7	TSL Permittivity	36.6
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.84
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

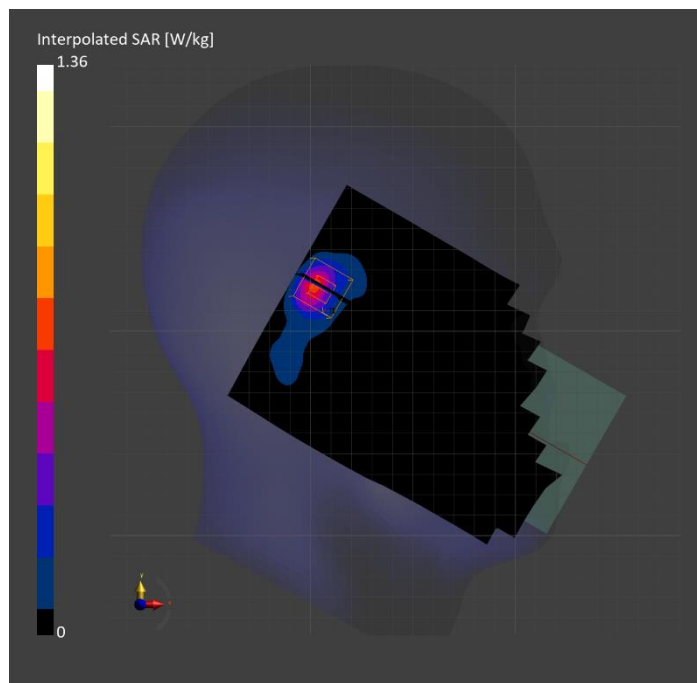
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.36 [5.9, 319.9, -173.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.513	0.588
psSAR10g [W/Kg]	0.213	0.219
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n7	TSL Permittivity	36.6
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.90
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

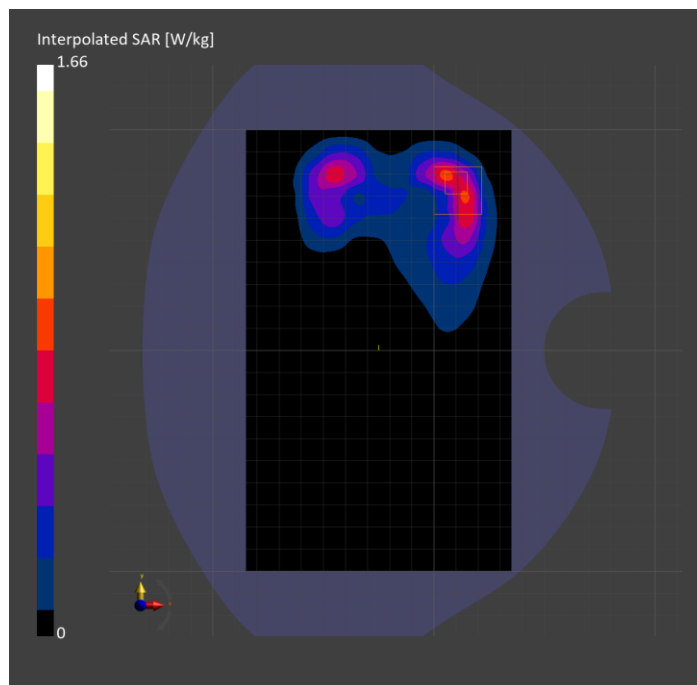
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.66 [11.1, 73.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.630	0.740
psSAR10g [W/Kg]	0.305	0.322
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n12	TSL Permittivity	43.1
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.869
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

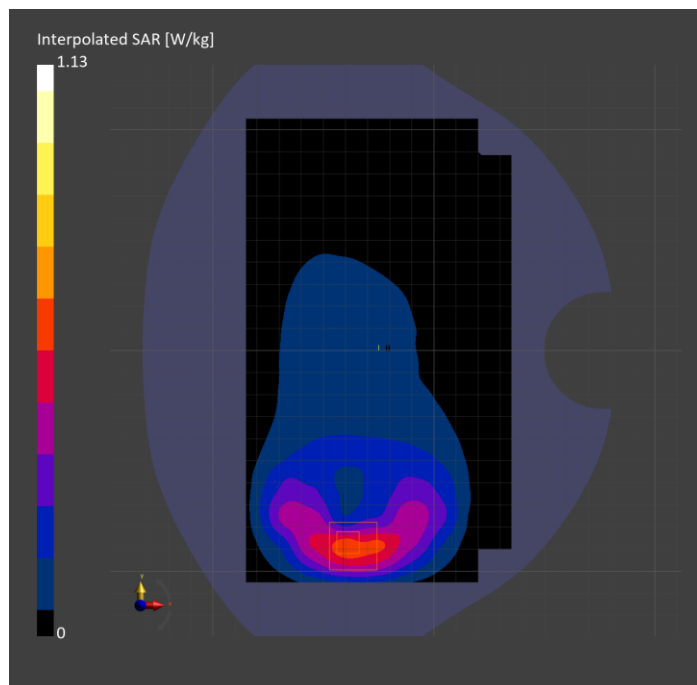
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.13 [-41.0, -84.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.523	0.570
psSAR10g [W/Kg]	0.325	0.308
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band n12	TSL Permittivity	43.4
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.891
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.27	Test Distance [mm]	0.00

Hardware Setup

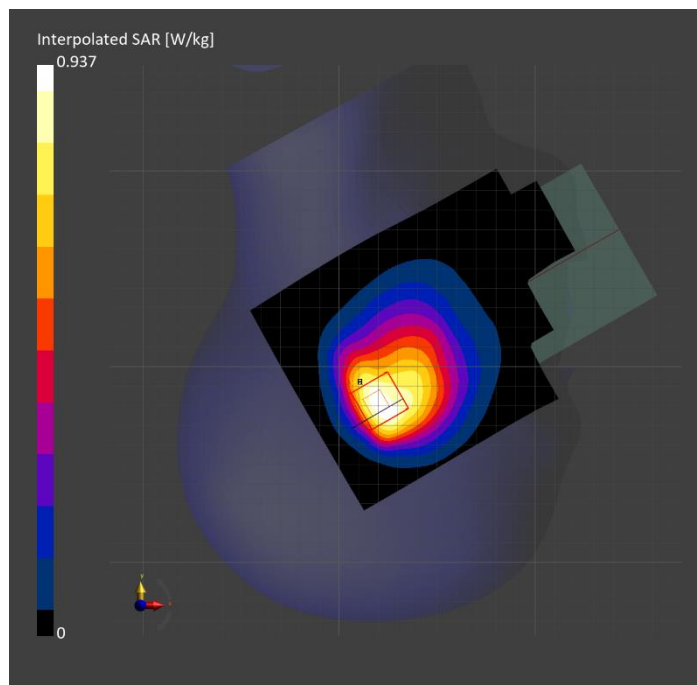
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.1
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.937 [16.6, -325.3, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.511	0.469
psSAR10g [W/Kg]	0.342	0.306
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n14	TSL Permittivity	41.8
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.924
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

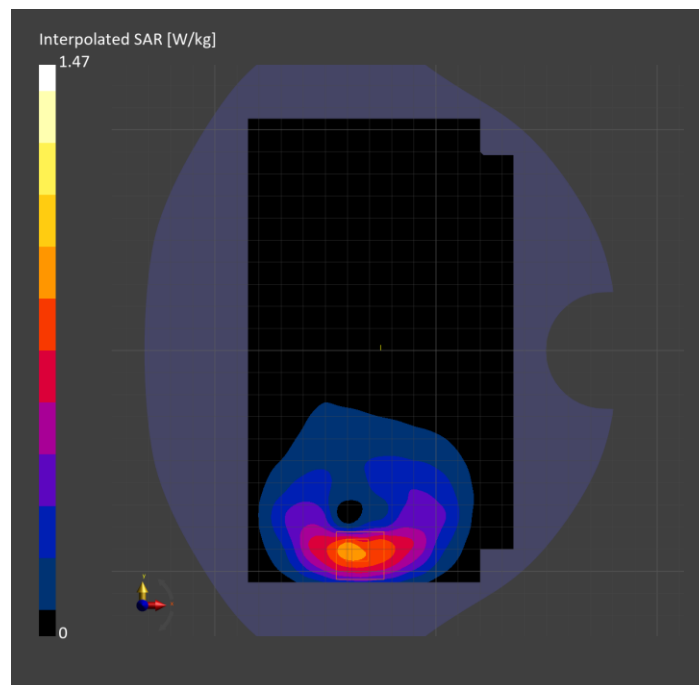
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		79.7
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [-38.1, -88.9, -206.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.772	0.757
psSAR10g [W/Kg]	0.460	0.408
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n14	TSL Permittivity	43.0
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.917
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	9.27	Test Distance [mm]	0.00

Hardware Setup

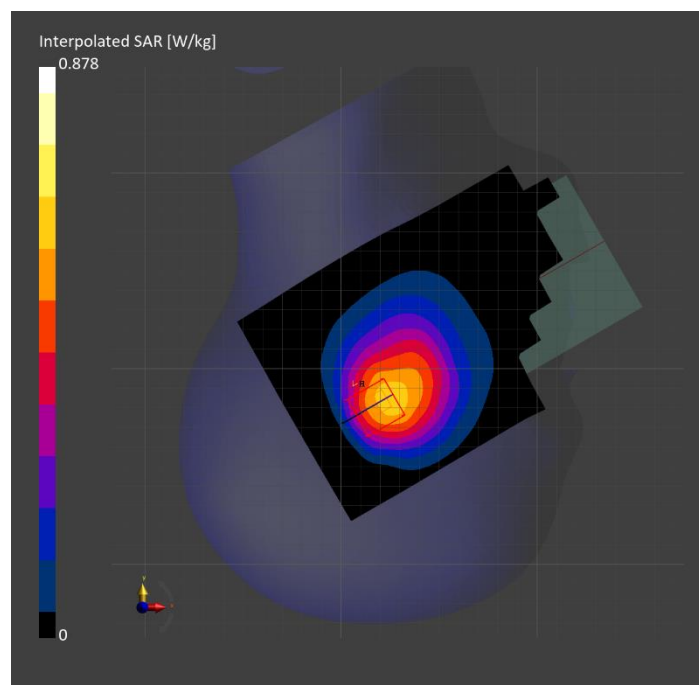
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.878 [13.2, -320.0, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.550	0.564
psSAR10g [W/Kg]	0.374	0.342
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n25	TSL Permittivity	41.2
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.37
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.08	Test Distance [mm]	5.00

Hardware Setup

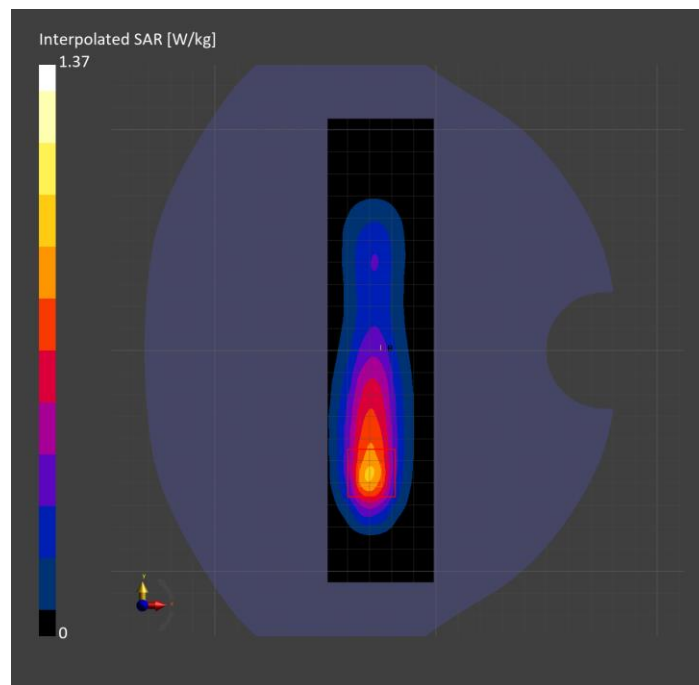
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DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		84.8
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.37 [-29.9, -60.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.745	0.757
psSAR10g [W/Kg]	0.385	0.385
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band n25	TSL Permittivity	37.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.42
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00

Hardware Setup

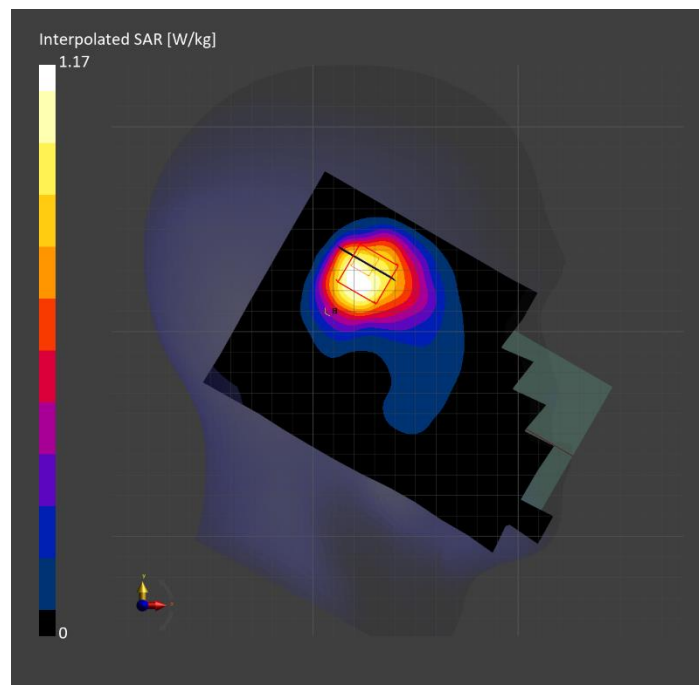
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.7
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.17 [24.3, 335.1, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.425	0.474
psSAR10g [W/Kg]	0.251	0.248
Power Drift [dB]	0.22	-0.09



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

Exposure Conditions

Band	Band n25	TSL Permittivity	38.0
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.46
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.67	Test Distance [mm]	5.00

Hardware Setup

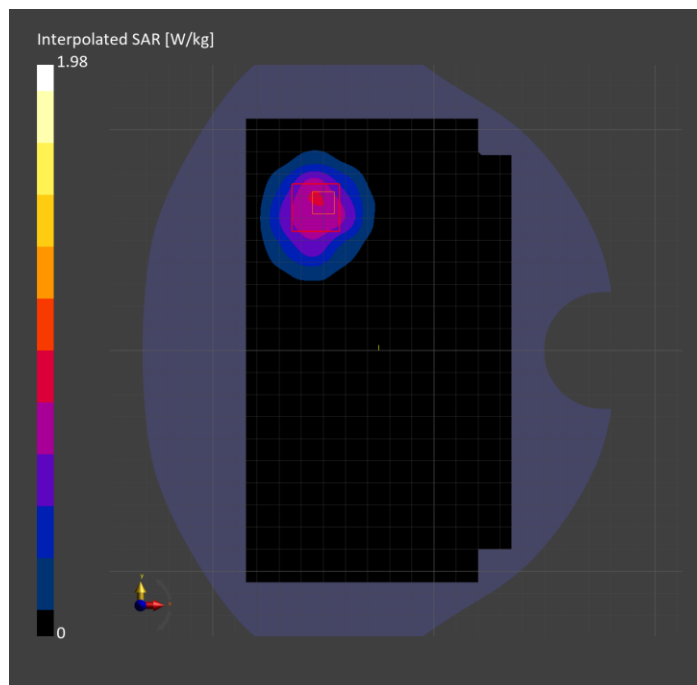
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.4
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.98 [-50.0, 72.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.705	0.819
psSAR10g [W/Kg]	0.414	0.443
Power Drift [dB]	0.05	-0.05



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

Exposure Conditions

Band	Band n26	TSL Permittivity	43.0
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.932
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.63	Test Distance [mm]	5.00

Hardware Setup

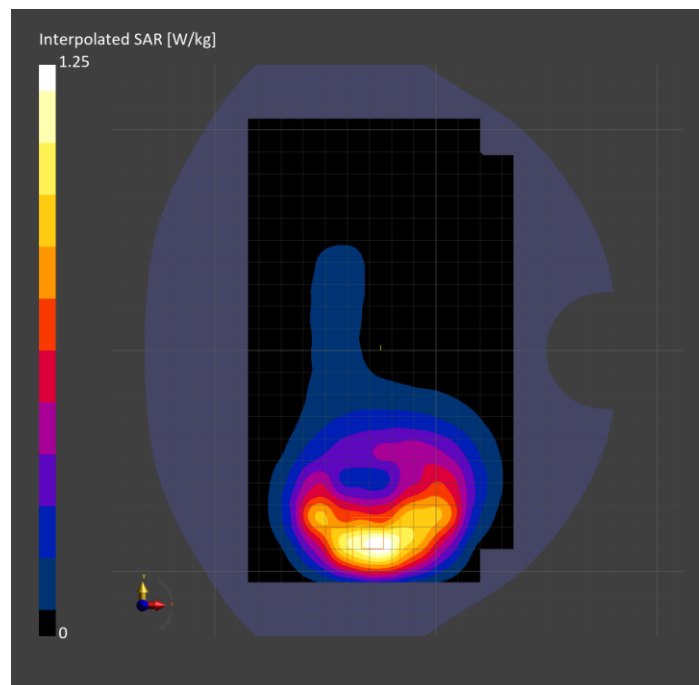
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [-30.6, -83.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.520	0.667
psSAR10g [W/Kg]	0.322	0.362
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n26	TSL Permittivity	43.1
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.943
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

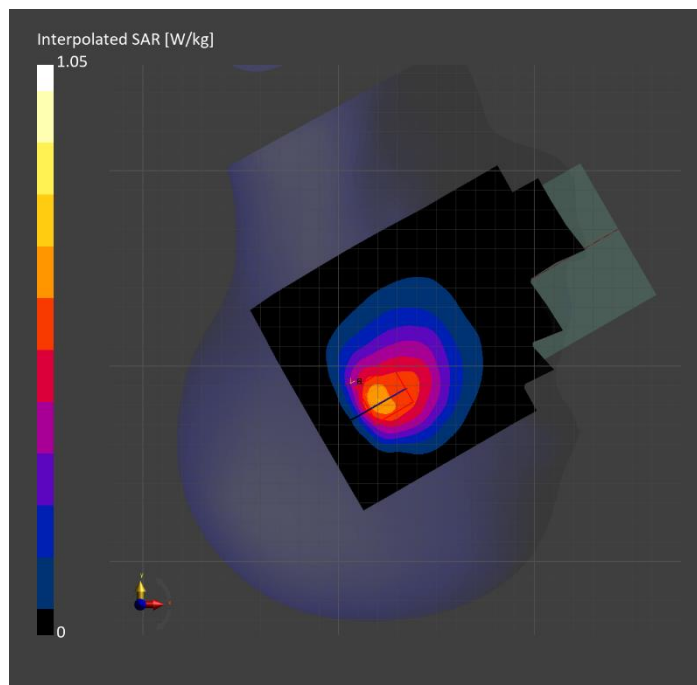
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.7
Dist 3dB Peak [mm]		8.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.05 [17.4, -320.5, -176.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.582	0.563
psSAR10g [W/Kg]	0.379	0.356
Power Drift [dB]	N/A	-0.09



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

Exposure Conditions

Band	Band n30	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.58
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.54	Test Distance [mm]	0.00

Hardware Setup

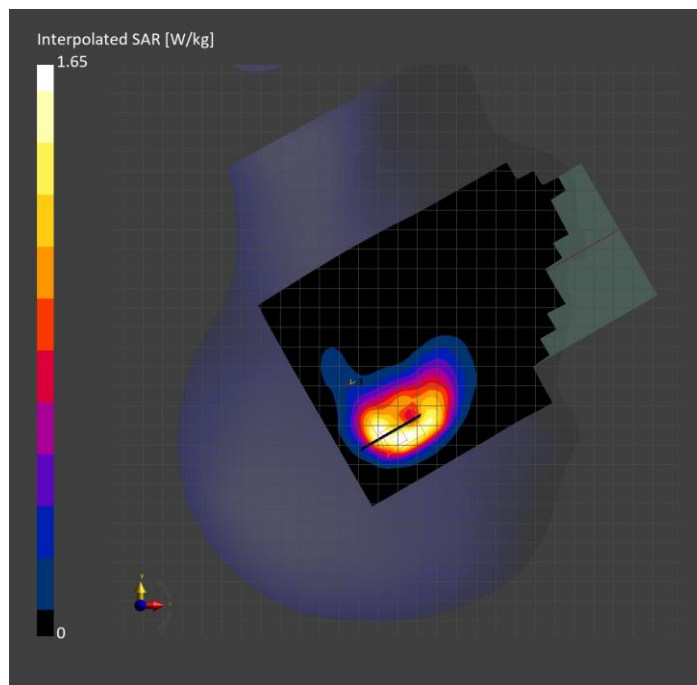
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.8
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.65 [23.6, -336.3, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.591	0.697
psSAR10g [W/Kg]	0.318	0.328
Power Drift [dB]	N/A	-0.20



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

Exposure Conditions

Band	Band n30	TSL Permittivity	40.1
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.62
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.54	Test Distance [mm]	5.00

Hardware Setup

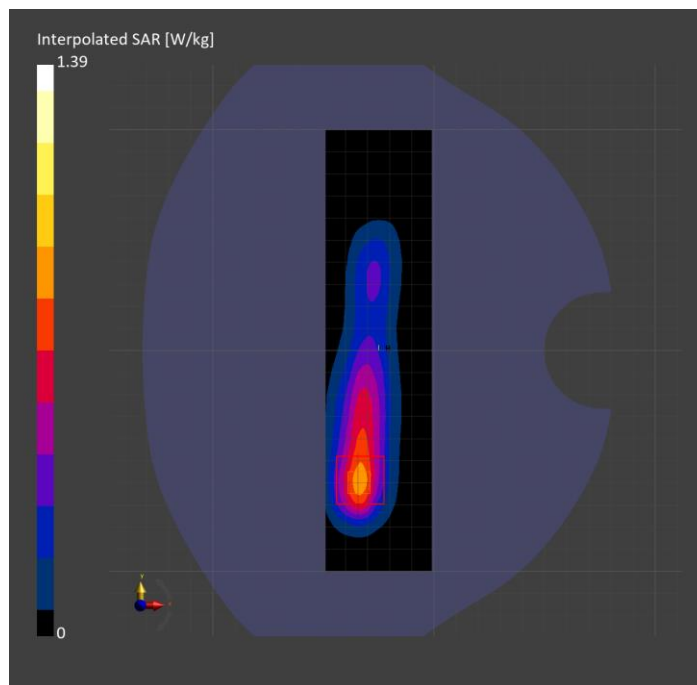
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DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		8.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.39 [-34.3, -62.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.681	0.702
psSAR10g [W/Kg]	0.329	0.334
Power Drift [dB]	N/A	0.03



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	41.8
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.58
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.54	Test Distance [mm]	5.00

Hardware Setup

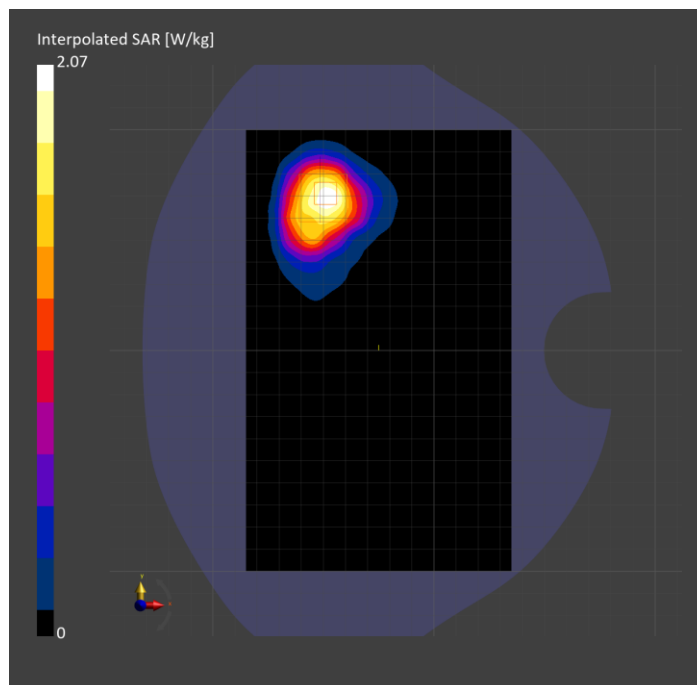
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DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.8
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.07 [-51.5, 73.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.835	0.854
psSAR10g [W/Kg]	0.445	0.437
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n41	TSL Permittivity	36.4
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.95
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.63	Test Distance [mm]	0.00

Hardware Setup

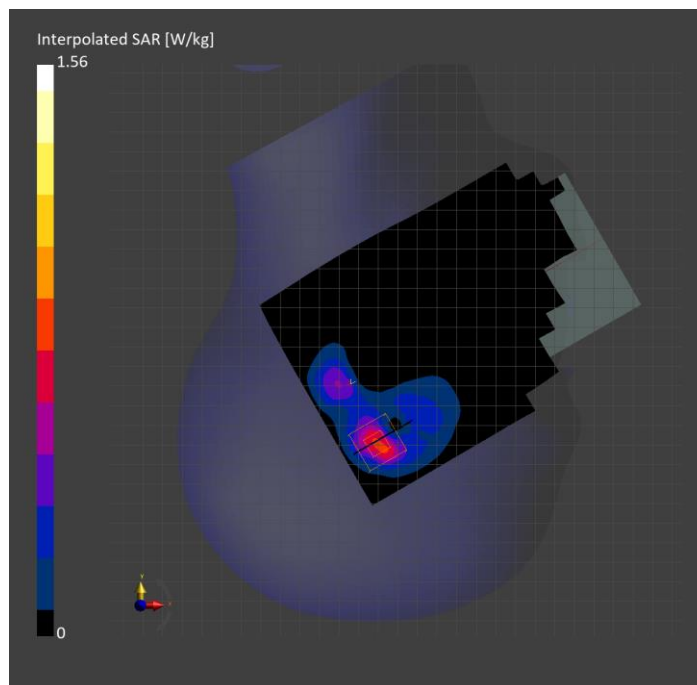
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.9 x 4.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.6
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.57 [19.3, -338.7, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.610	0.657
psSAR10g [W/Kg]	0.261	0.267
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n41	TSL Permittivity	36.6
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.95
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

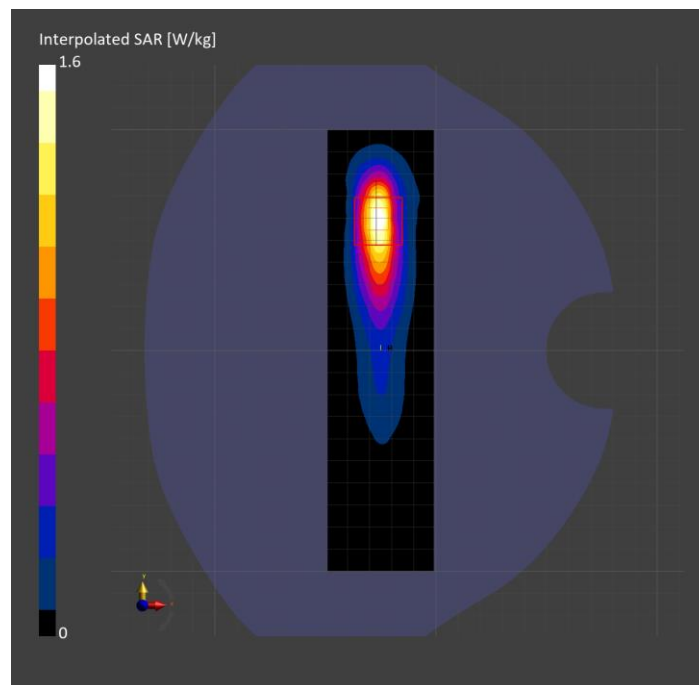
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.60 [-26.8, 62.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.659	0.675
psSAR10g [W/Kg]	0.282	0.285
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band n41	TSL Permittivity	40.0
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	7.4	Test Distance [mm]	5.00

Hardware Setup

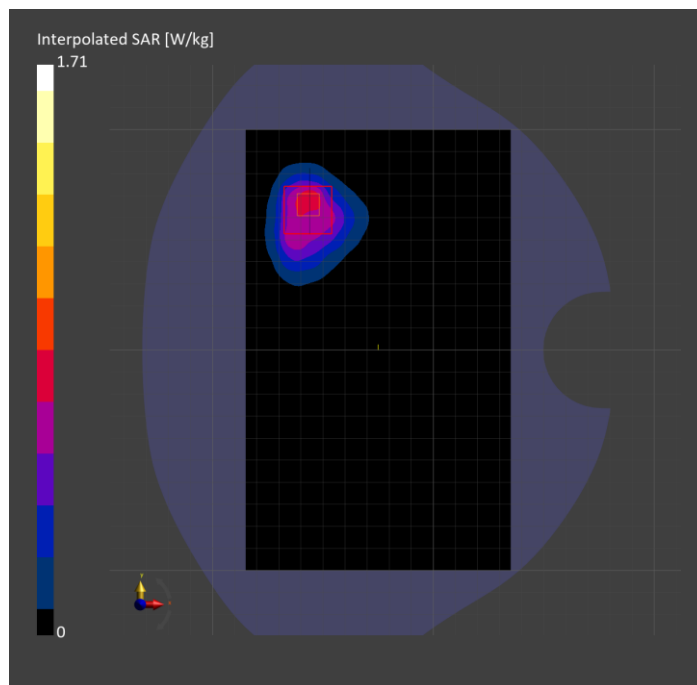
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.5
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [-56.0, 67.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.634	0.632
psSAR10g [W/Kg]	0.328	0.308
Power Drift [dB]	N/A	-0.09



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

Exposure Conditions

Band	Band n48	TSL Permittivity	38.2
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.87
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.88	Test Distance [mm]	5.00

Hardware Setup

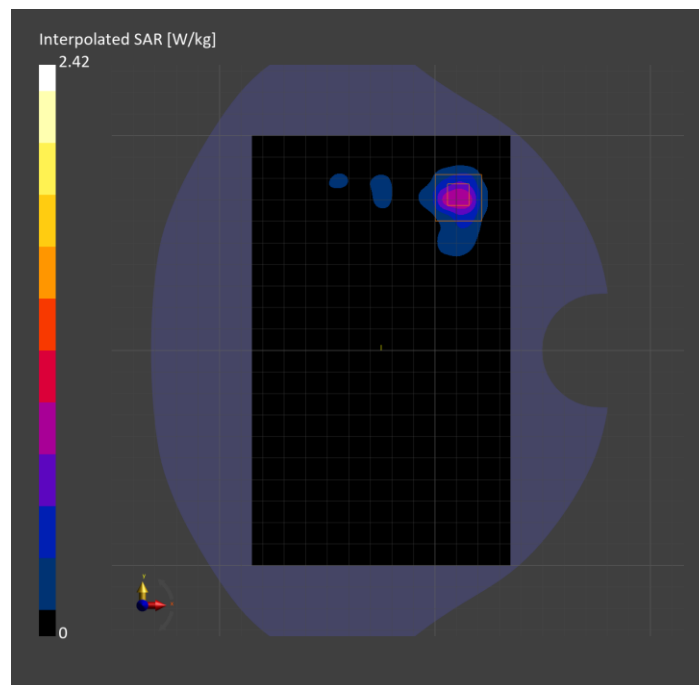
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.9
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.42 [10.0, 72.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.722	0.843
psSAR10g [W/Kg]	0.263	0.277
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band n48	TSL Permittivity	38.7
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.88
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

Hardware Setup

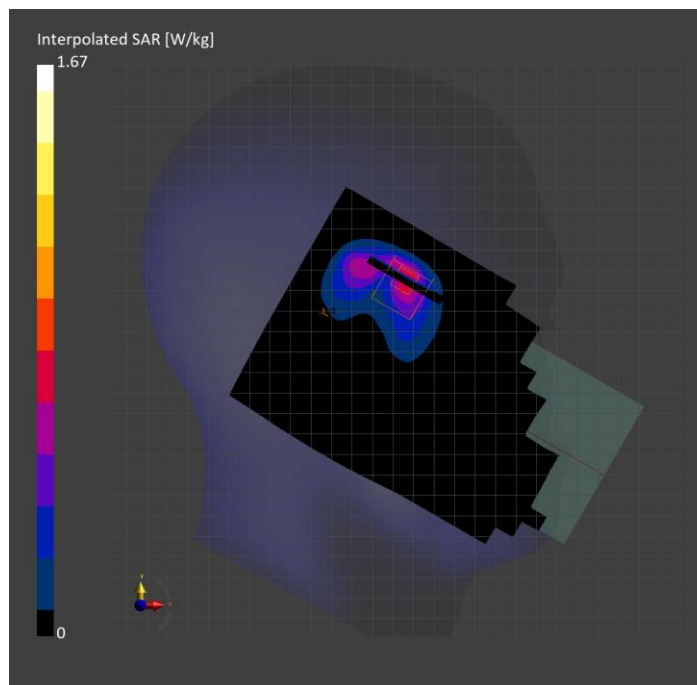
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.5
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.67 [46.0, 328.8, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.570	0.596
psSAR10g [W/Kg]	0.238	0.237
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n53	TSL Permittivity	40.9
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.90
Group UID	5G NR FR1 TDD 10908-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.66	Test Distance [mm]	0.00

Hardware Setup

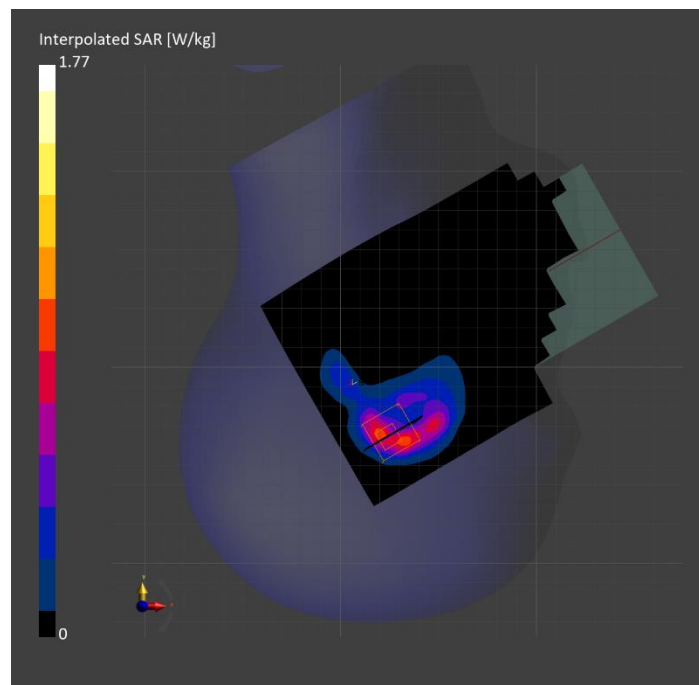
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.9 x 4.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.6
Dist 3dB Peak [mm]		6.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.77 [24.1, -336.4, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.681	0.726
psSAR10g [W/Kg]	0.332	0.321
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n53	TSL Permittivity	38.9
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.87
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	5.00

Hardware Setup

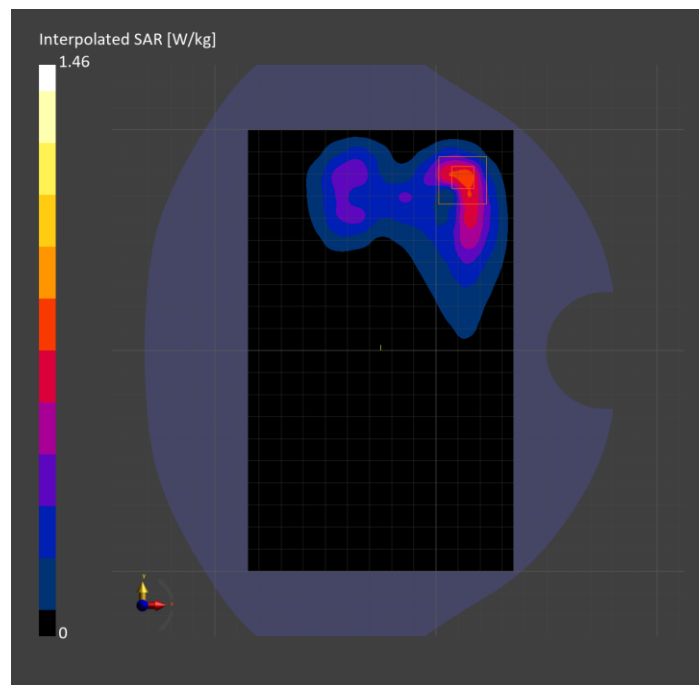
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.7
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.46 [12.0, 78.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.607	0.667
psSAR10g [W/Kg]	0.272	0.282
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band n53	TSL Permittivity	38.9
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.87
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	5.00

Hardware Setup

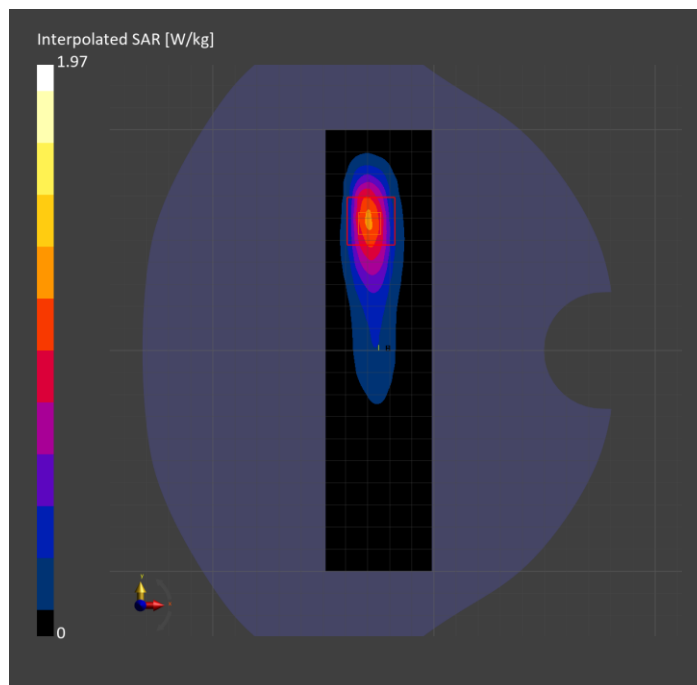
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DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.2
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.97 [-29.3, 61.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.898	0.932
psSAR10g [W/Kg]	0.402	0.407
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band n66	TSL Permittivity	37.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

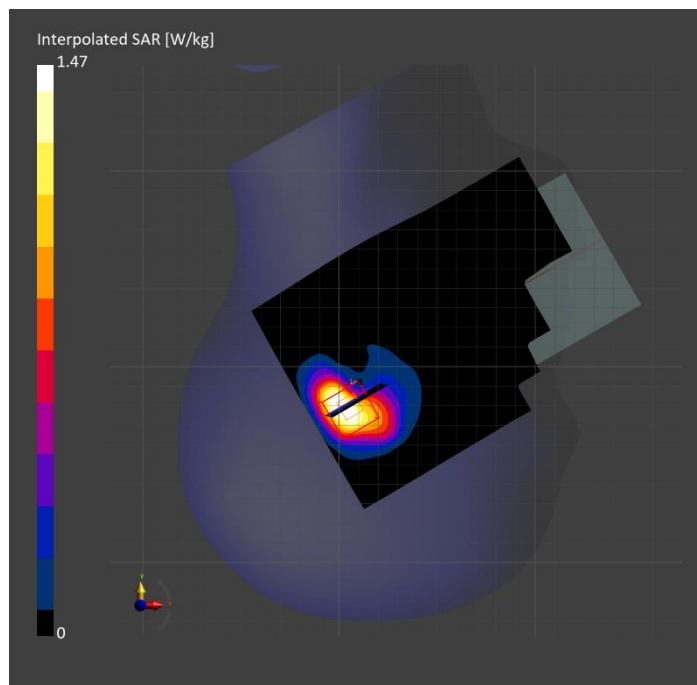
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		6.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [4.3, -318.0, -173.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.508	0.656
psSAR10g [W/Kg]	0.266	0.306
Power Drift [dB]	-0.03	-0.04



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

Exposure Conditions

Band	Band n66	TSL Permittivity	37.8
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

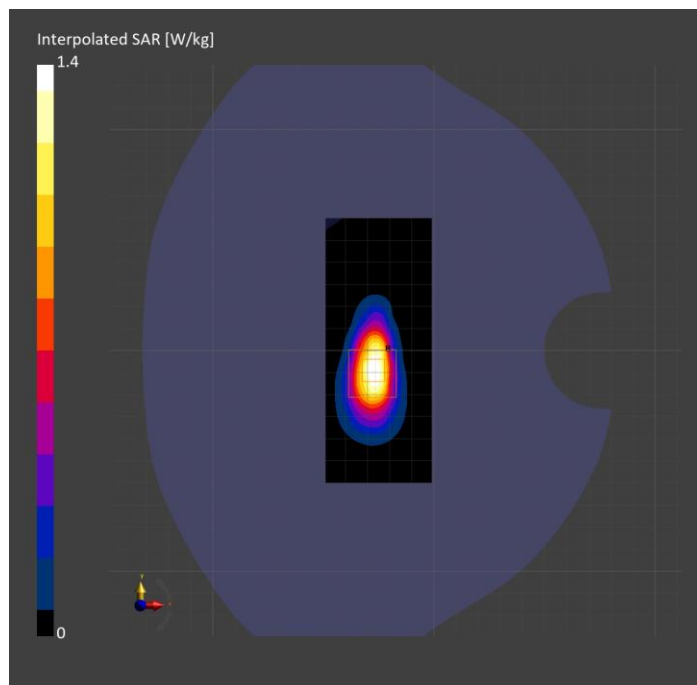
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.6
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.40 [-26.6, -8.7, -209.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.681	0.701
psSAR10g [W/Kg]	0.323	0.320
Power Drift [dB]	-0.03	0.02



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

Exposure Conditions

Band	Band n66	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.29
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

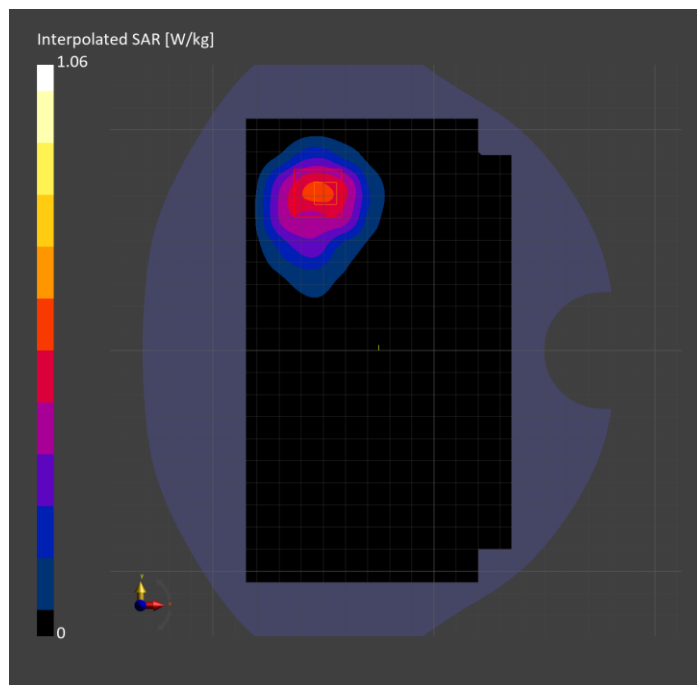
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.1
Dist 3dB Peak [mm]		10.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.06 [-49.6, 73.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.468	0.519
psSAR10g [W/Kg]	0.277	0.279
Power Drift [dB]	-0.05	-0.16



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

Exposure Conditions

Band	Band n70	TSL Permittivity	39.2
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.26
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

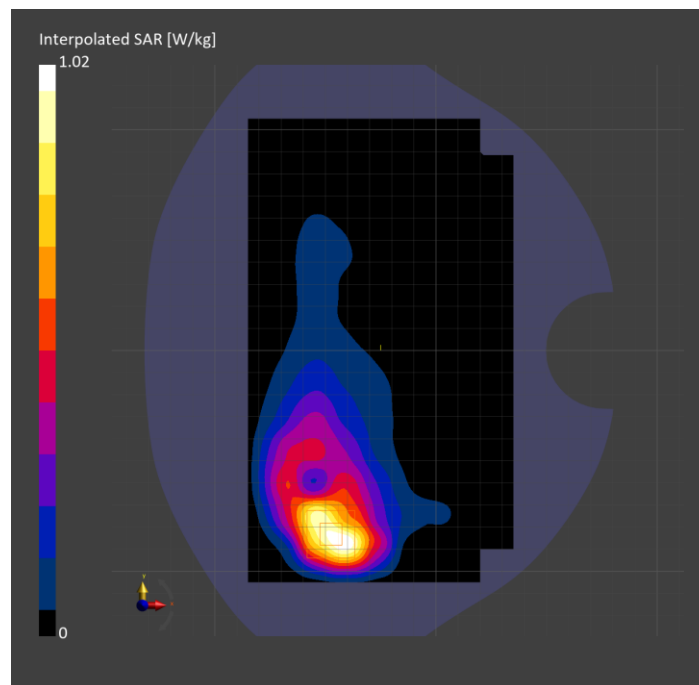
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.3
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.02 [-44.2, -84.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.443	0.564
psSAR10g [W/Kg]	0.254	0.296
Power Drift [dB]	-0.06	-0.03



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

Exposure Conditions

Band	Band n70	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.26
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

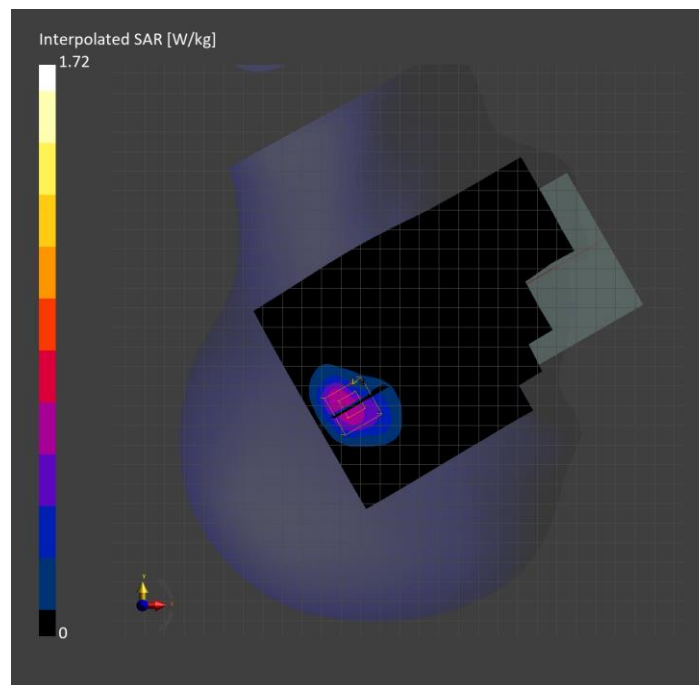
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.4
Dist 3dB Peak [mm]		5.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.72 [5.7, -317.8, -173.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.578	0.784
psSAR10g [W/Kg]	0.308	0.360
Power Drift [dB]	0.01	0.03



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

Exposure Conditions

Band	Band n70	TSL Permittivity	37.8
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

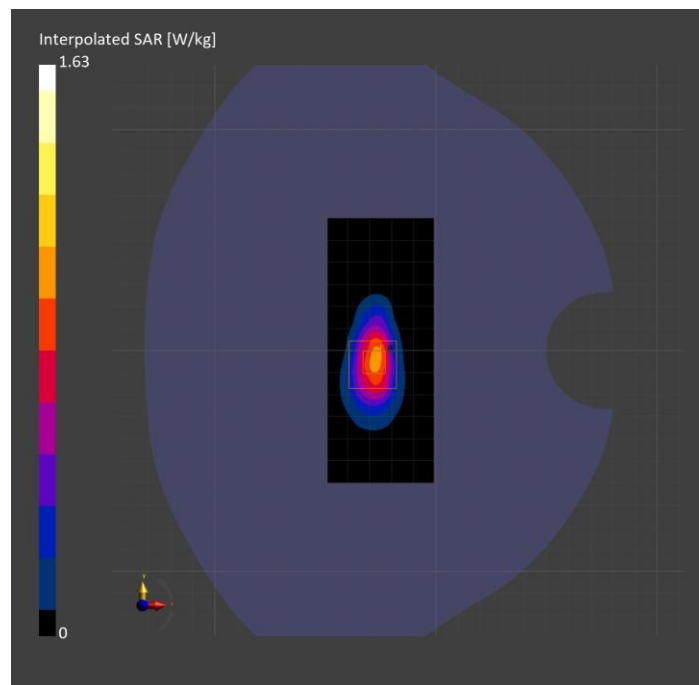
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.63 [-27.7, -5.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.797	0.812
psSAR10g [W/Kg]	0.380	0.375
Power Drift [dB]	0.02	-0.01



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

Exposure Conditions

Band	Band n71	TSL Permittivity	42.4
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.878
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

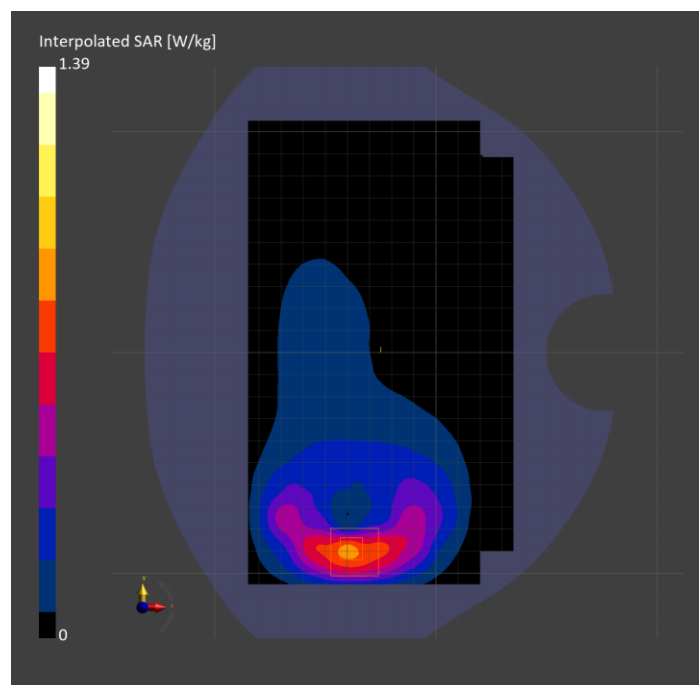
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1798 2024-05-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.39 [-40.3, -86.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.708	0.704
psSAR10g [W/Kg]	0.427	0.381
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band n71	TSL Permittivity	43.2
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.875
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.27	Test Distance [mm]	0.00

Hardware Setup

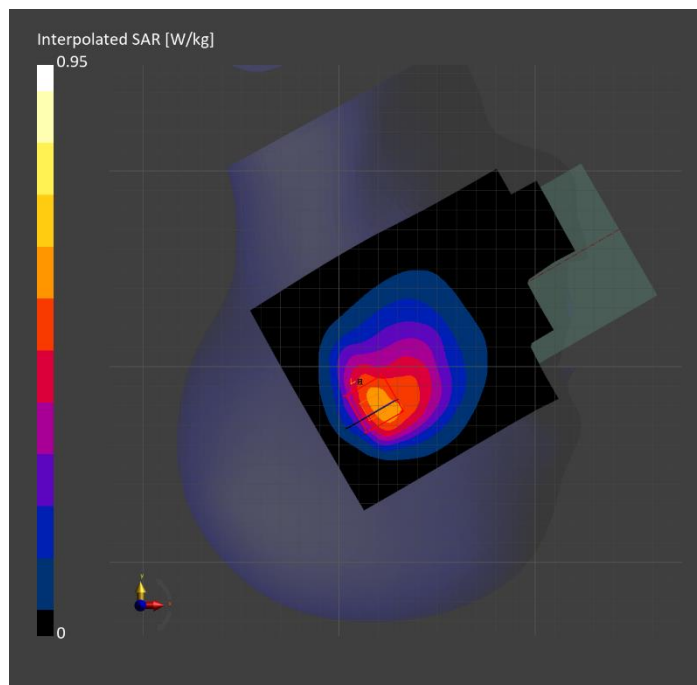
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.950 [14.3, -324.9, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.525	0.489
psSAR10g [W/Kg]	0.353	0.301
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.9
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.75
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.07	Test Distance [mm]	0.00

Hardware Setup

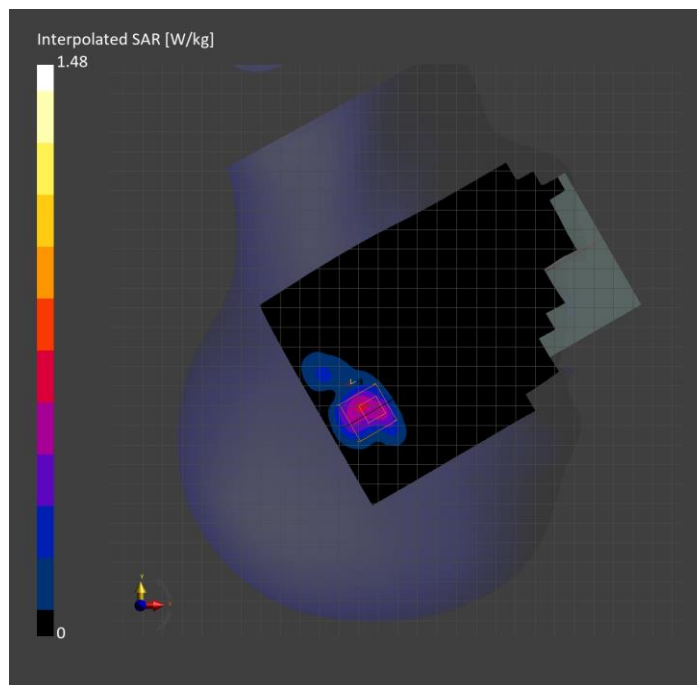
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.5 x 4.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.3
Dist 3dB Peak [mm]		5.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [16.4, -322.8, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.464	0.590
psSAR10g [W/Kg]	0.207	0.216
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.3
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.73
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.07	Test Distance [mm]	5.00

Hardware Setup

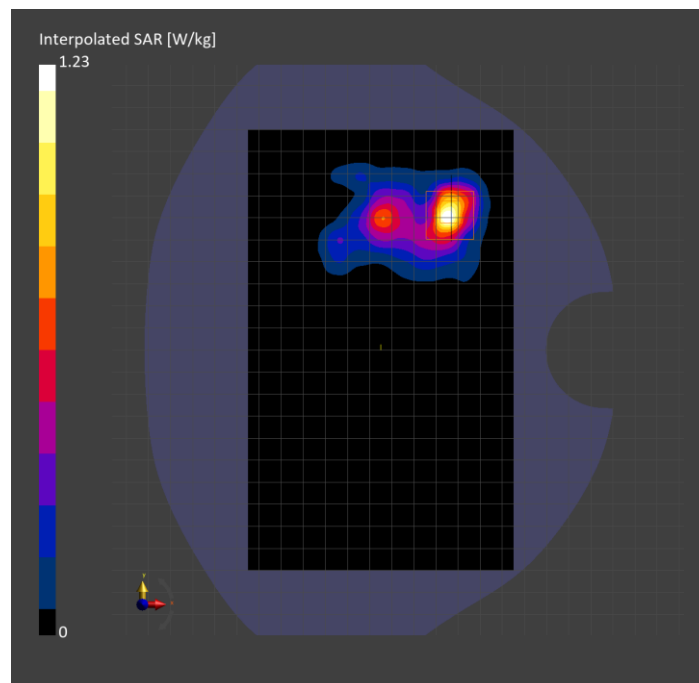
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.3
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.23 [7.0, 63.5, -206.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.398	0.435
psSAR10g [W/Kg]	0.148	0.150
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n77	TSL Permittivity	40.4
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.71
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.75	Test Distance [mm]	5.00

Hardware Setup

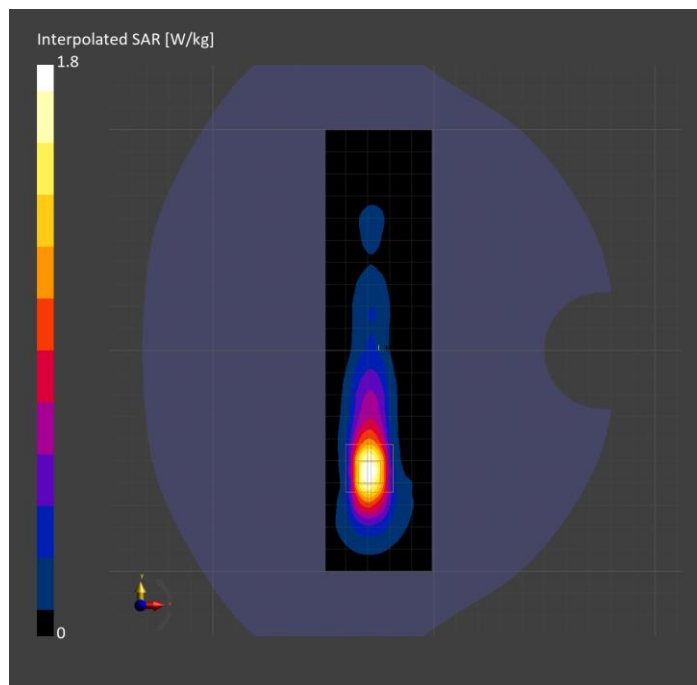
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1540 2024-01-17	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.9
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.80 [-28.5, -56.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.685	0.695
psSAR10g [W/Kg]	0.258	0.250
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.3
Frequency [MHz] Channel Number	3858.030 657202	TSL Conductivity [S/m]	3.10
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.82	Test Distance [mm]	0.00

Hardware Setup

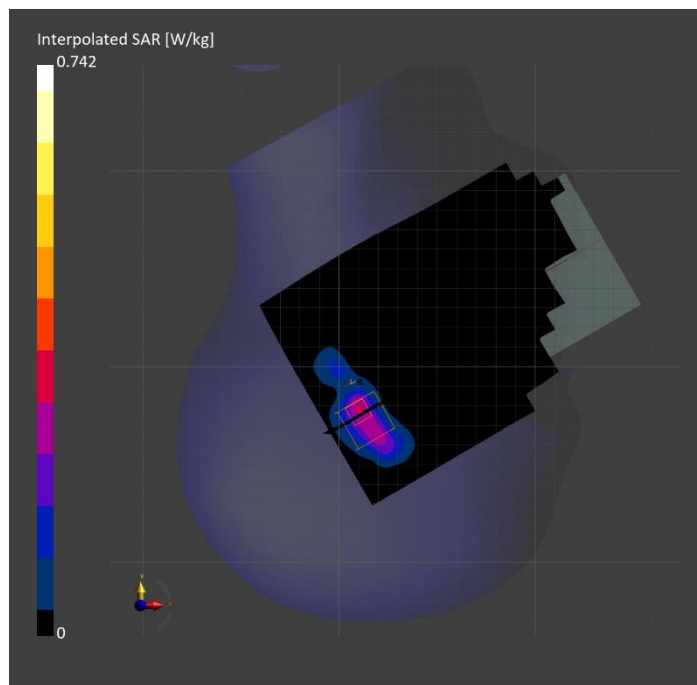
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.3
Dist 3dB Peak [mm]		4.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.741 [10.0, -323.6, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.224	0.261
psSAR10g [W/Kg]	0.090	0.088
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	39.9
Frequency [MHz] Channel Number	3858.030 657202	TSL Conductivity [S/m]	3.06
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.66	Test Distance [mm]	5.00

Hardware Setup

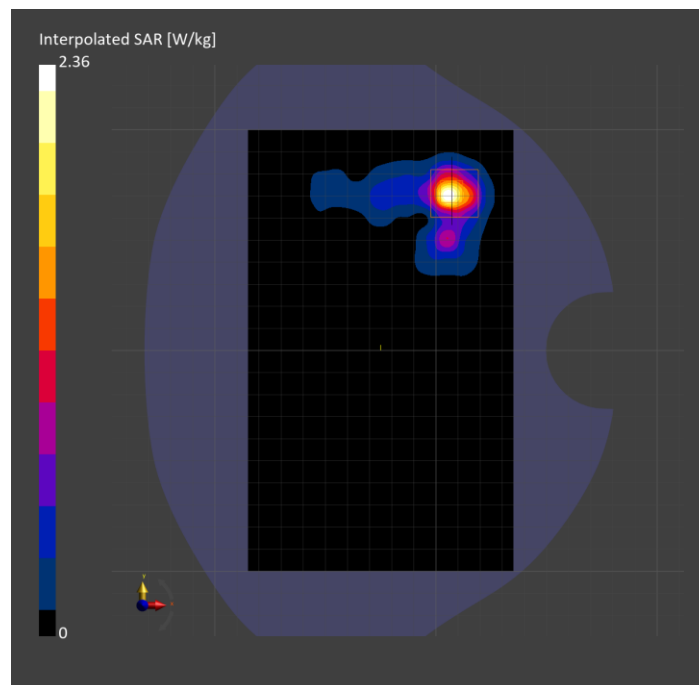
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1540 2024-01-17	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.4 x 4.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.3
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.36 [7.3, 71.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.641	0.771
psSAR10g [W/Kg]	0.214	0.240
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.71
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

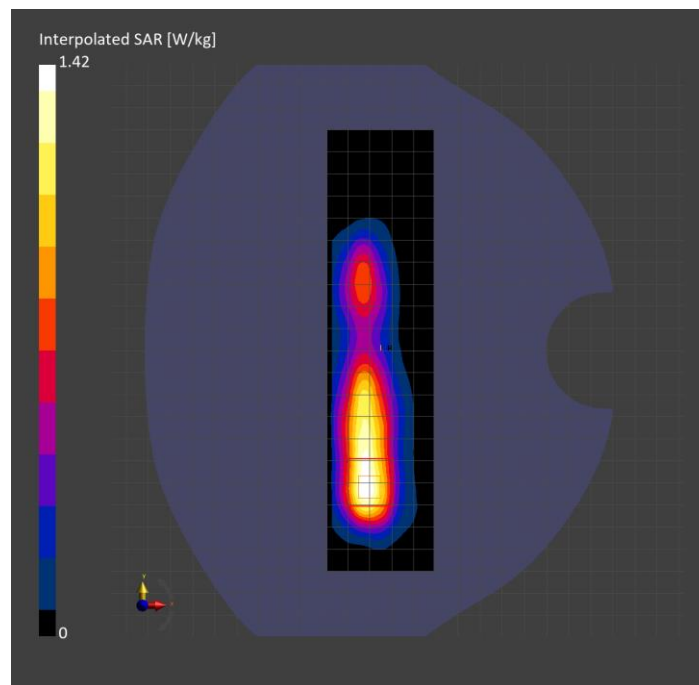
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.42 [-30.1, -65.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.629	0.664
psSAR10g [W/Kg]	0.300	0.306
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.71
Group UID	WLAN 10415-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.18	Test Distance [mm]	0.00

Hardware Setup

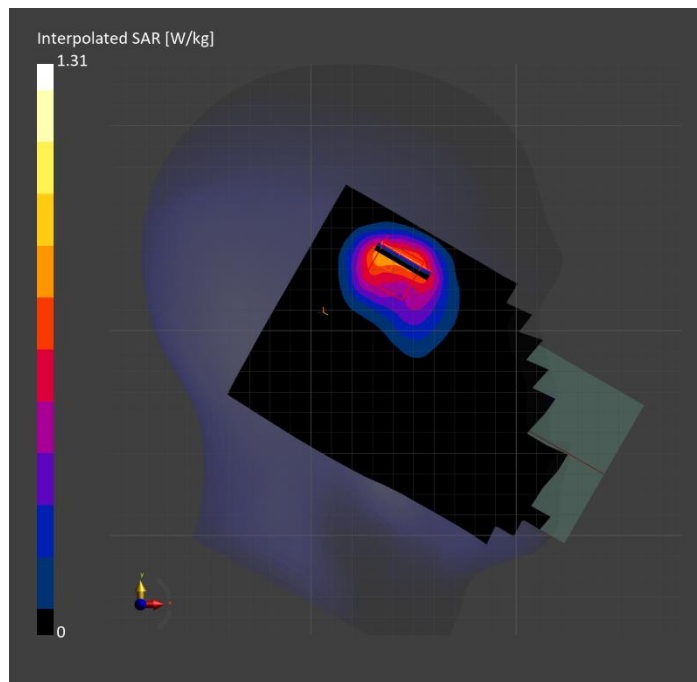
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.31 [46.2, 336.5, -173.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.646	0.639
psSAR10g [W/Kg]	0.349	0.349
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.71
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

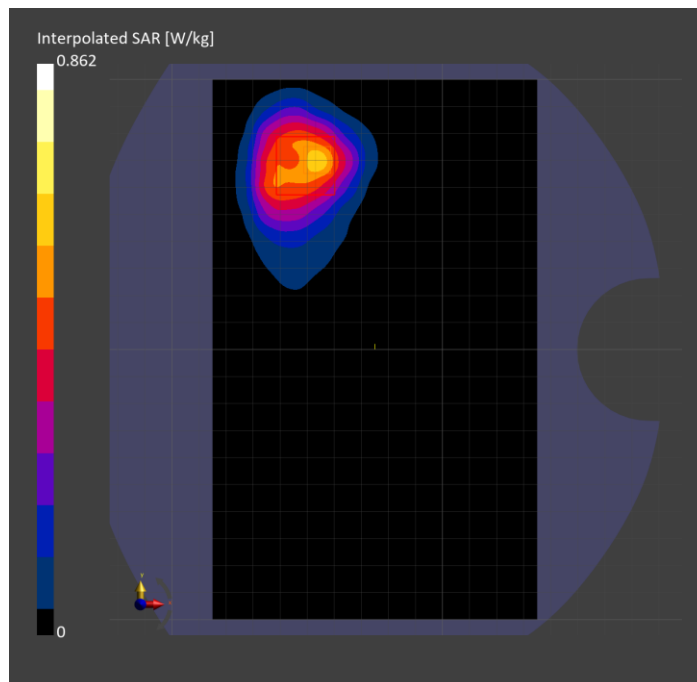
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.0
Dist 3dB Peak [mm]		12.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.862 [-47.0, 70.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.477	0.495
psSAR10g [W/Kg]	0.258	0.266
Power Drift [dB]	N/A	-0.13



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.1
Frequency [MHz] Channel Number	5210.000 42	TSL Conductivity [S/m]	4.46
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.17	Test Distance [mm]	5.00

Hardware Setup

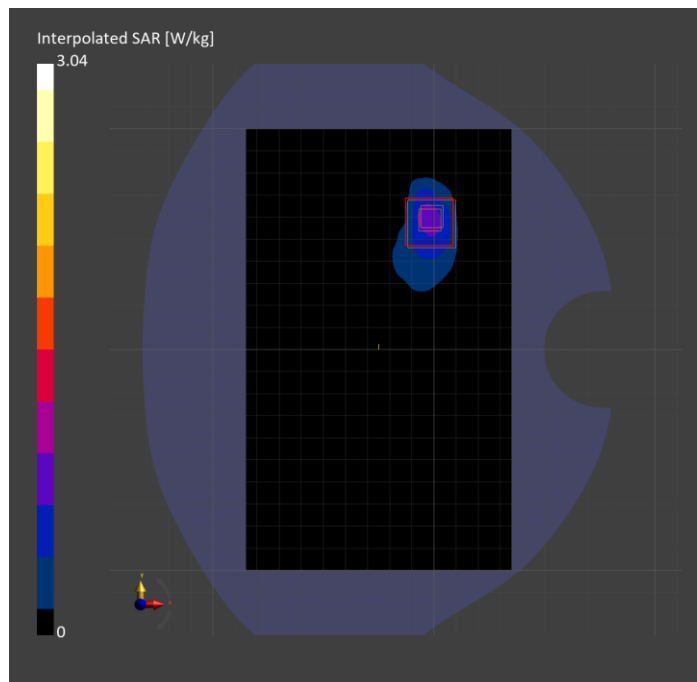
Probe Calibration Date	EX3DV4 - SN7779 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.1
Dist 3dB Peak [mm]		6.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.04 [-0.6, 62.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.665	0.832
psSAR10g [W/Kg]	0.243	0.267
Power Drift [dB]	N/A	0.04



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.1
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.52
Group UID	WLAN 10114-CAE	Phantom Section TSL	RightHead HSL
Conversion Factor	5.17	Test Distance [mm]	0.00

Hardware Setup

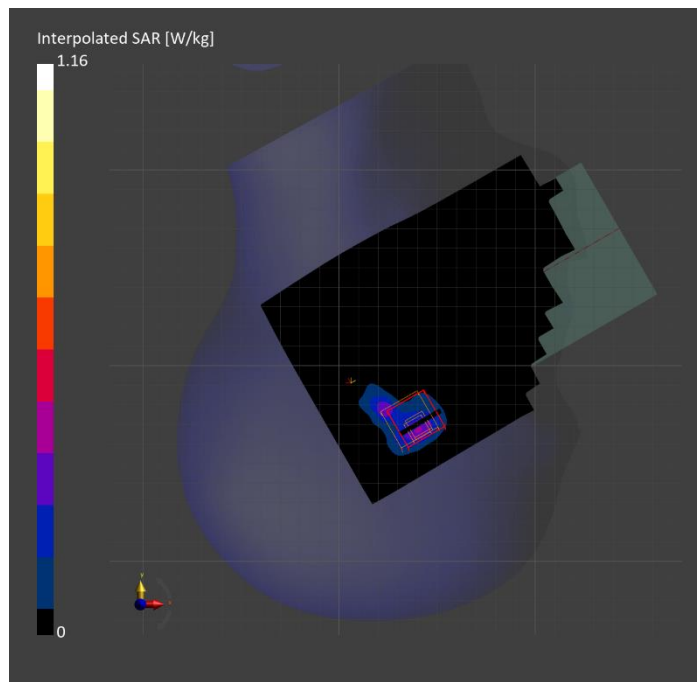
Probe Calibration Date	EX3DV4 - SN7779 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		57.8
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.15 [41.7, -331.2, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.255	0.276
psSAR10g [W/Kg]	0.092	0.085
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.3
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.79
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	4.93	Test Distance [mm]	0.00

Hardware Setup

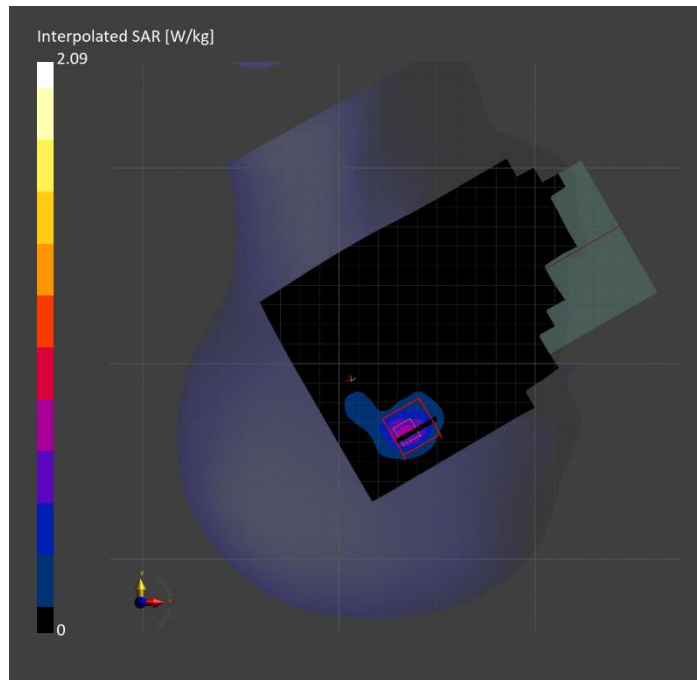
Probe Calibration Date	EX3DV4 - SN3902 2024-03-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL4-250V3
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.09 [37.5, -337.5, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.543	0.537
psSAR10g [W/Kg]	0.191	0.186
Power Drift [dB]	N/A	-0.07



U-NII-2C < 5.65 GHz: IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	U-NII-2C < 5.65 GHz	TSL Permittivity	38.5
Frequency [MHz] Channel Number	5570.000 114	TSL Conductivity [S/m]	5.23
Group UID	WLAN 10554-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	4.93	Test Distance [mm]	5.00

Hardware Setup

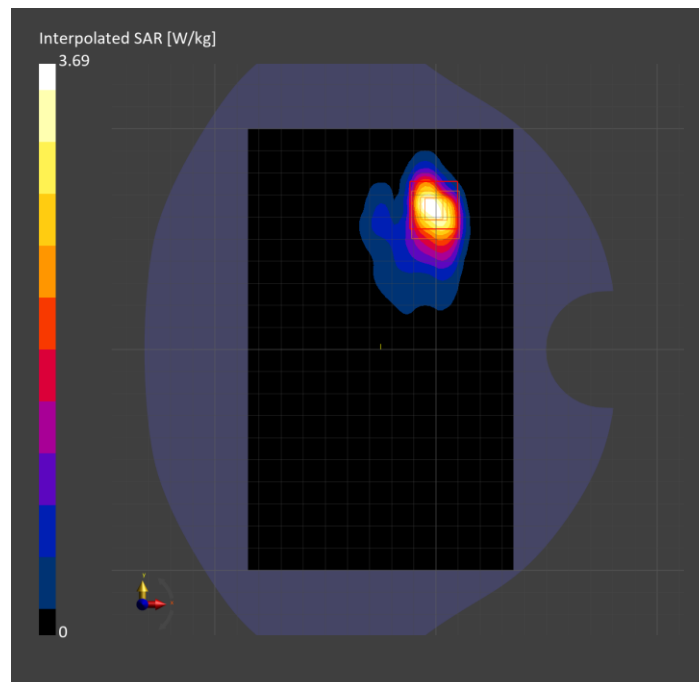
Probe Calibration Date	EX3DV4 - SN3902 2024-03-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		63.7	63.3
Dist 3dB Peak [mm]		6.1	6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.69 [0.1, 65.4, -207.0]	3.60 [0.1, 65.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.728	0.941	0.915
psSAR10g [W/Kg]	0.253	0.268	0.260
Power Drift [dB]	N/A	-0.04	-0.12



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.0
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.03
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

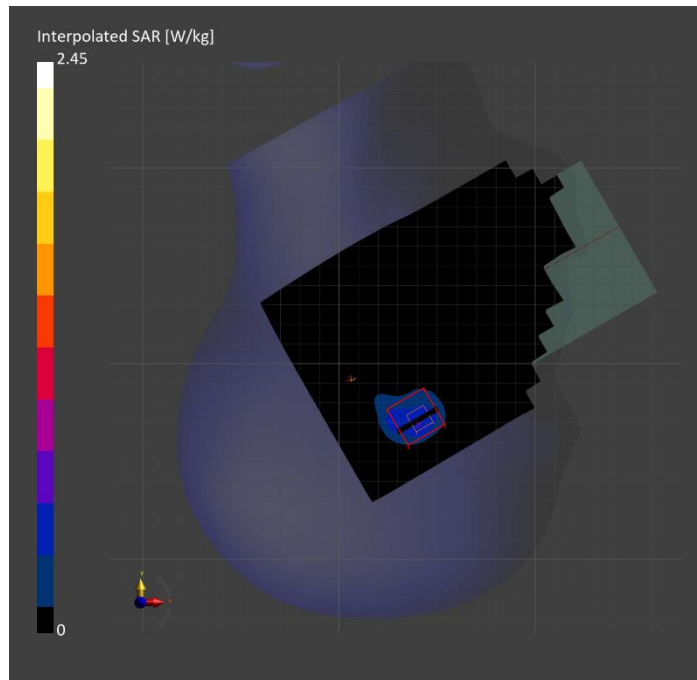
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		4.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.45 [42.1, -330.2, -174.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.429	0.493
psSAR10g [W/Kg]	0.166	0.155
Power Drift [dB]	N/A	0.15



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.0
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.03
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

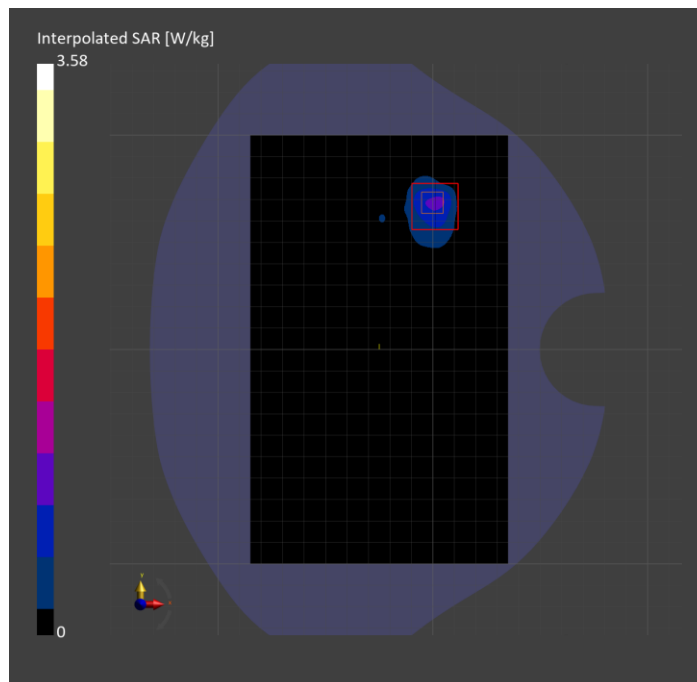
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.58 [1.2, 69.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.716	0.808
psSAR10g [W/Kg]	0.239	0.242
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	33.1
Frequency [MHz] Channel Number	6185.000 47	TSL Conductivity [S/m]	5.56
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.35	Test Distance [mm]	0.00

Hardware Setup

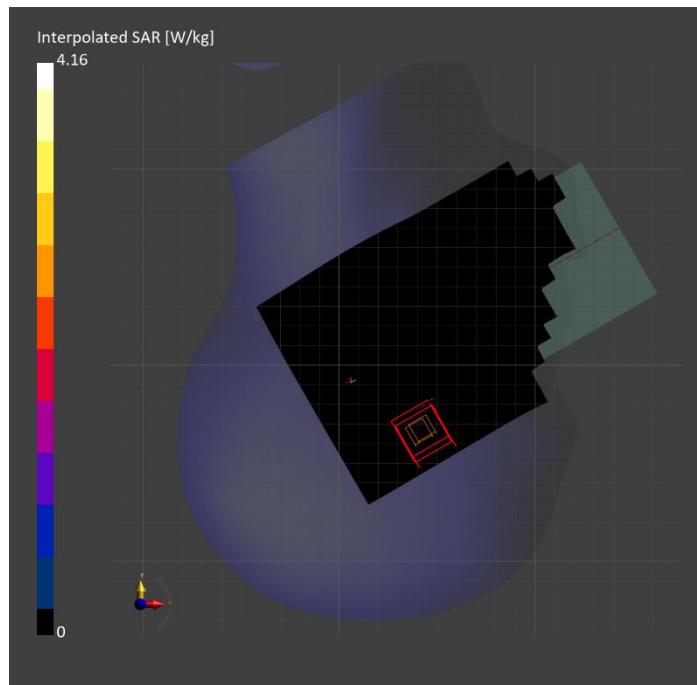
Probe Calibration Date	EX3DV4 - SN7501 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.2 x 2.2 x 1.2	2.2 x 2.2 x 1.2
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		67.6	54.7
Dist 3dB Peak [mm]		3.1	3.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.24 [42.4, -331.6, -174.5]	2.53 [42.2, -333.3, -174.2]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.011	0.025	0.025	N/A	N/A
psSAR8g [W/Kg]	0.002	0.006	0.007	N/A	N/A
psSAR10g [W/Kg]	0.002	0.005	0.005	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.113	0.130
Power Drift [dB]	N/A	0.86	9.42	N/A	N/A



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	33.1
Frequency [MHz] Channel Number	6185.000 47	TSL Conductivity [S/m]	5.56
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.35	Test Distance [mm]	5.00

Hardware Setup

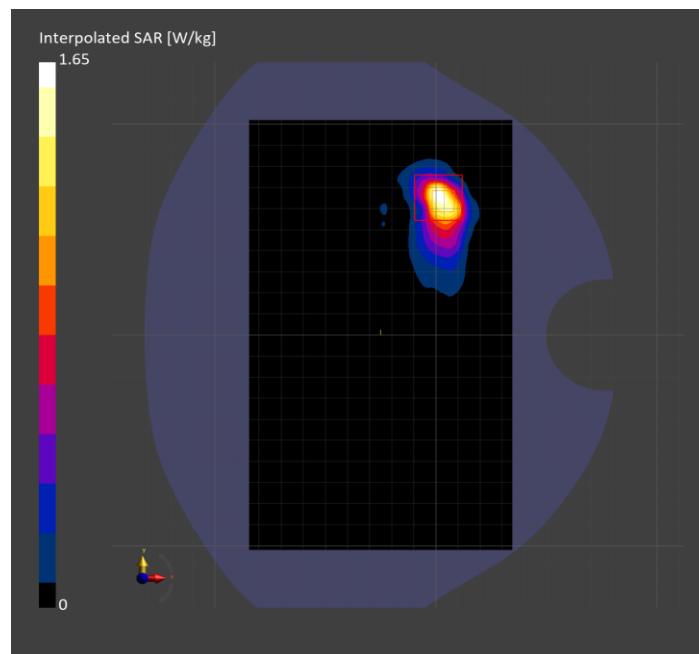
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	23.8 x 23.8 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.65 [3.7, 63.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.229	0.312	N/A
psSAR8g [W/Kg]	0.083	0.089	N/A
psSAR10g [W/Kg]	0.072	0.075	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.78
Power Drift [dB]	N/A	0.01	0.01



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	32.8
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.97
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

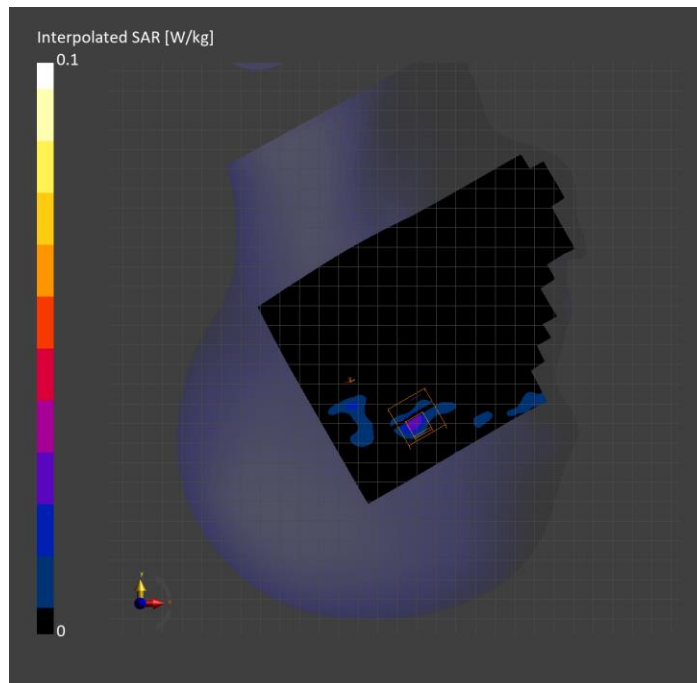
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	119.0 x 204.0	23.8 x 23.8 x 22.0	23.8 x 23.8 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		53.1	50.3
Dist 3dB Peak [mm]		4.1	3.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.495 [40.8, -330.2, -174.7]	0.321 [40.8, -330.2, -174.7]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.020	0.032	0.035	N/A	N/A
psSAR8g [W/Kg]	0.005	0.011	0.010	N/A	N/A
psSAR10g [W/Kg]	0.005	0.010	0.007	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.221	0.201
Power Drift [dB]	-3.33	N/A	-1.46	N/A	N/A



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	32.8
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.97
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

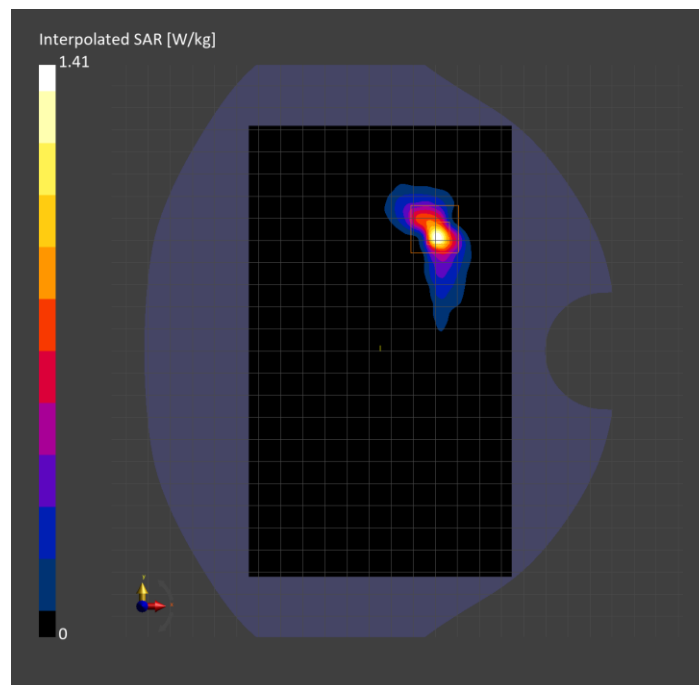
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DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.42 [1.5, 53.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.213	0.254	N/A
psSAR8g [W/Kg]	0.065	0.078	N/A
psSAR10g [W/Kg]	0.056	0.067	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.56
Power Drift [dB]	0.04	0.14	0.14



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	33.7
Frequency [MHz] Channel Number	6665.000 143	TSL Conductivity [S/m]	6.45
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.1	Test Distance [mm]	5.00

Hardware Setup

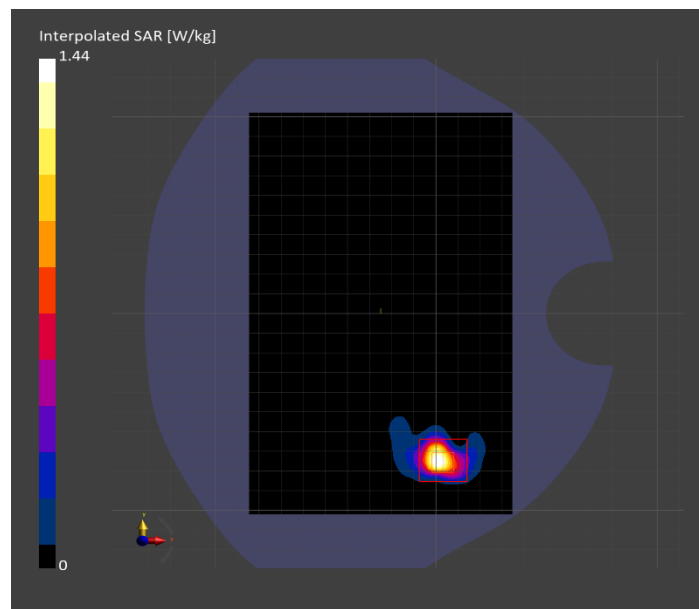
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		49.3
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.44 [3.1, -75.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.221	0.246	N/A
psSAR8g [W/Kg]	0.065	0.068	N/A
psSAR10g [W/Kg]	0.056	0.058	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.36
Power Drift [dB]	N/A	-0.11	-0.11



U-NII-7: IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), TILT

Exposure Conditions

Band	U-NII-7	TSL Permittivity	33.0
Frequency [MHz] Channel Number	6545.000 119	TSL Conductivity [S/m]	6.11
Group UID	WLAN 10731-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.1	Test Distance [mm]	0.00

Hardware Setup

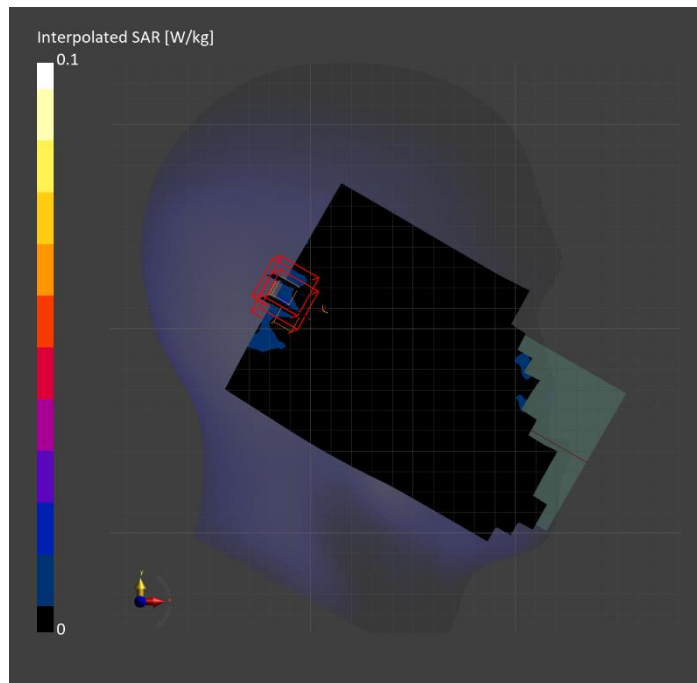
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DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		61.2	81.8
Dist 3dB Peak [mm]		3.1	2.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.057 [-4.8, 316.5, -171.8]	0.072 [-9.9, 301.5, -169.5]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.012	0.011	0.009	N/A	N/A
psSAR8g [W/Kg]	0.003	0.004	0.004	N/A	N/A
psSAR10g [W/Kg]	0.002	0.004	0.004	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.083	0.084
Power Drift [dB]	N/A	-9.03	N/A	N/A	N/A



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	31.7
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.34
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.24	Test Distance [mm]	5.00

Hardware Setup

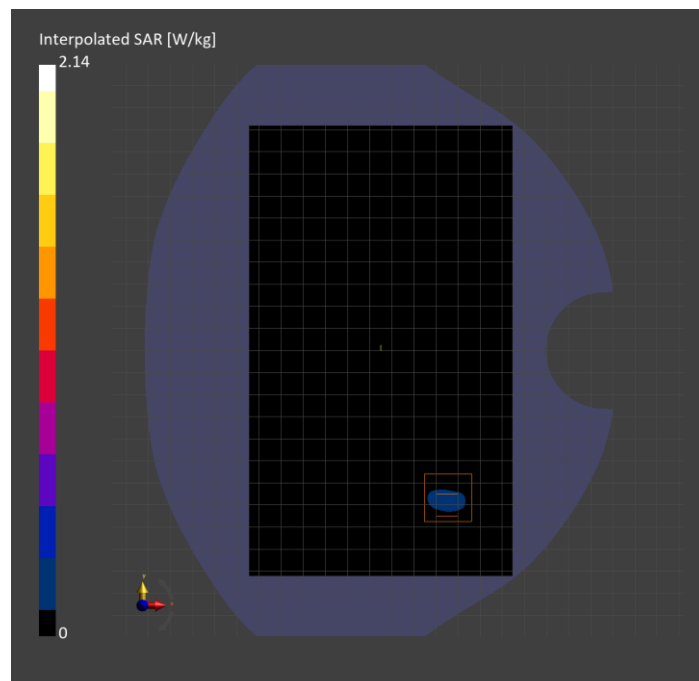
Probe Calibration Date	EX3DV4 - SN7498 2024-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	23.8 x 23.8 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		4.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.14 [5.6, -69.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.247	0.337	N/A
psSAR8g [W/Kg]	0.070	0.092	N/A
psSAR10g [W/Kg]	0.060	0.078	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.84
Power Drift [dB]	-0.25	-0.03	-0.03



U-NII-8: IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	U-NII-8	TSL Permittivity	34.6
Frequency [MHz] Channel Number	6885.000 187	TSL Conductivity [S/m]	6.37
Group UID	WLAN 10707-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.35	Test Distance [mm]	5.00

Hardware Setup

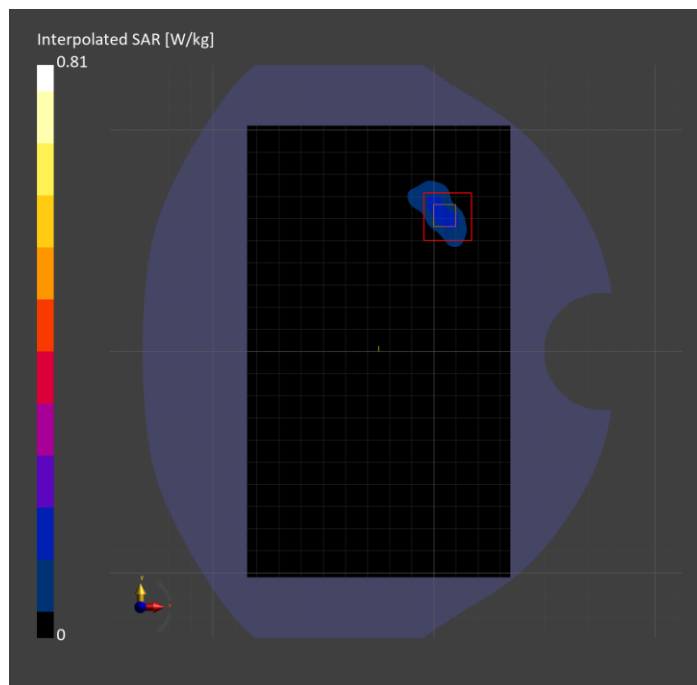
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DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	23.8 x 23.8 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		46.8
Dist 3dB Peak [mm]		5.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.810 [5.6, 59.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.134	0.145	N/A
psSAR8g [W/Kg]	0.048	0.046	N/A
psSAR10g [W/Kg]	0.042	0.039	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	0.912
Power Drift [dB]	N/A	-0.16	-0.16



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.3
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.74
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

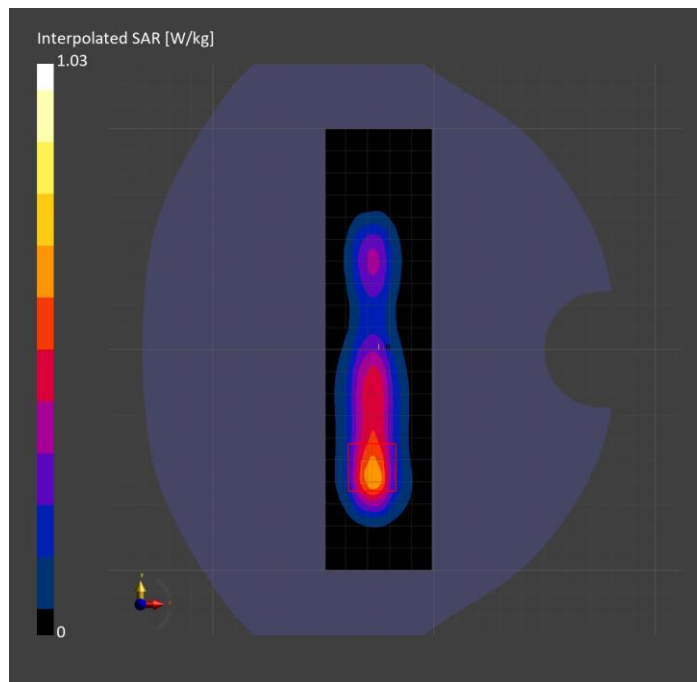
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DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [-27.9, -59.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.515	0.524
psSAR10g [W/Kg]	0.239	0.247
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.80
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

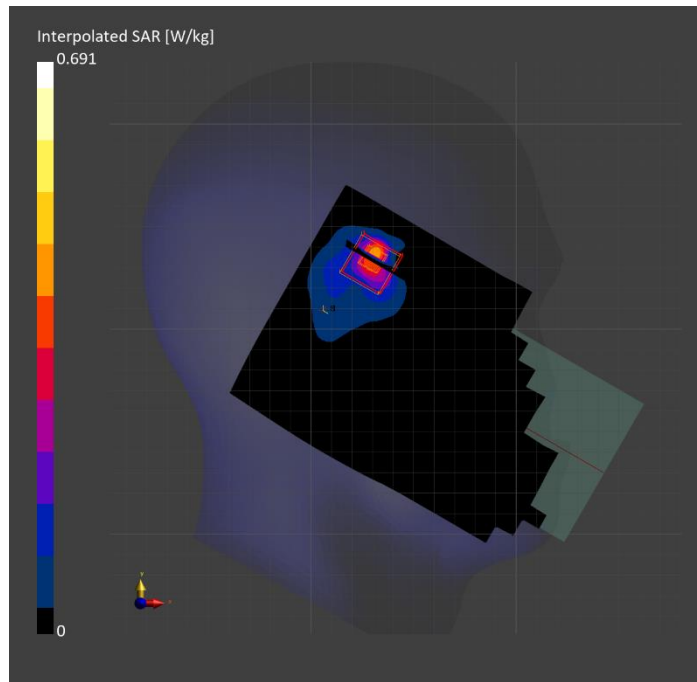
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DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.9
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.691 [29.9, 337.1, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.310	0.341
psSAR10g [W/Kg]	0.125	0.133
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.80
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

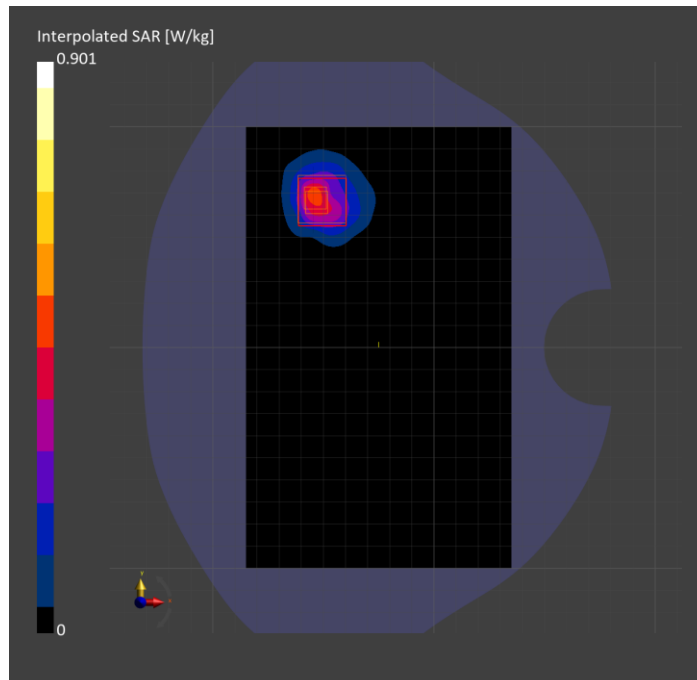
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DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.4
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.901 [-54.5, 67.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.371	0.395
psSAR10g [W/Kg]	0.170	0.170
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.5
Frequency [MHz] Channel Number	5162.000 Low	TSL Conductivity [S/m]	4.43
Group UID	CW 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	5.17	Test Distance [mm]	0.00

Hardware Setup

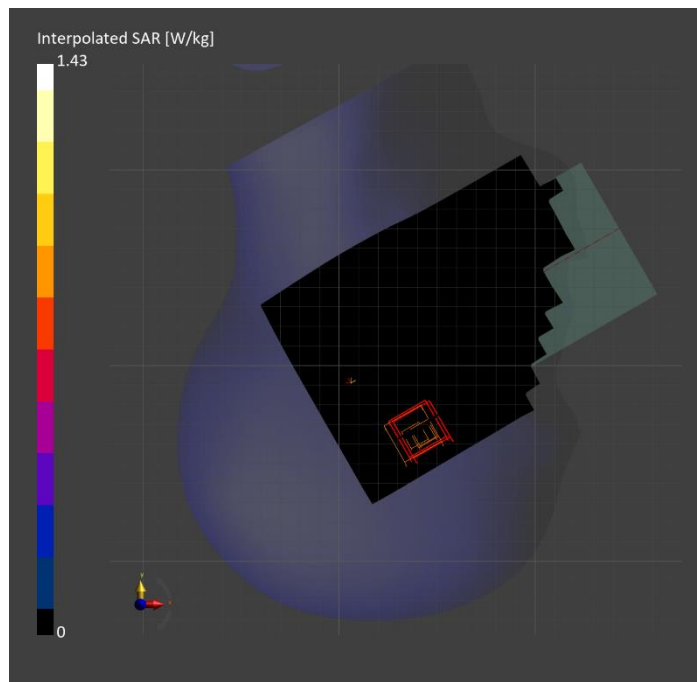
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DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	2.9 x 2.9 x 1.2	2.8 x 2.8 x 1.2
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		73.5	69.4
Dist 3dB Peak [mm]		3.0	2.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.265 [44.5, -334.5, -173.9]	0.194 [43.3, -334.4, -174.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.033	0.037	0.038
psSAR10g [W/Kg]	0.010	0.008	0.008
Power Drift [dB]	N/A	-0.67	-5.31



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.5
Frequency [MHz] Channel Number	5162.000 Low	TSL Conductivity [S/m]	4.43
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.17	Test Distance [mm]	5.00

Hardware Setup

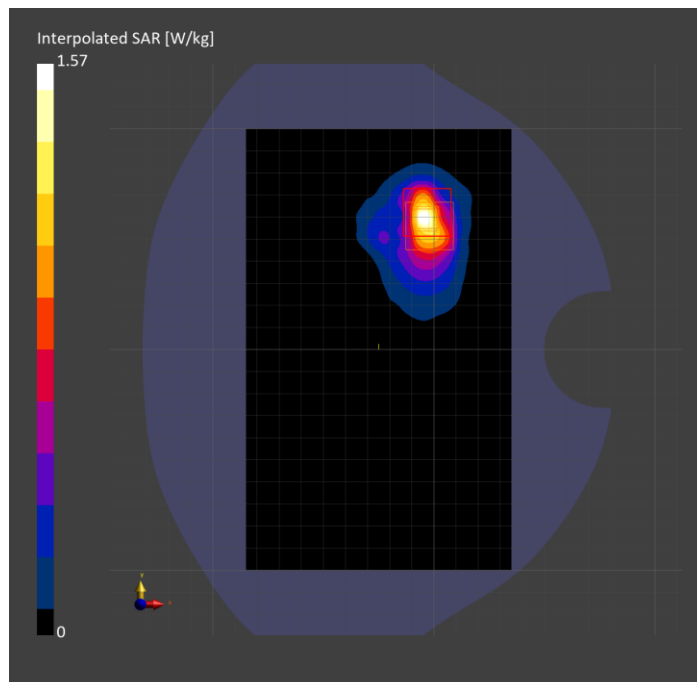
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DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.7
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.57 [-2.1, 61.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.384	0.415
psSAR10g [W/Kg]	0.135	0.122
Power Drift [dB]	N/A	-0.15



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.6
Frequency [MHz] Channel Number	5789.000 Mid	TSL Conductivity [S/m]	5.50
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	4.51	Test Distance [mm]	5.00

Hardware Setup

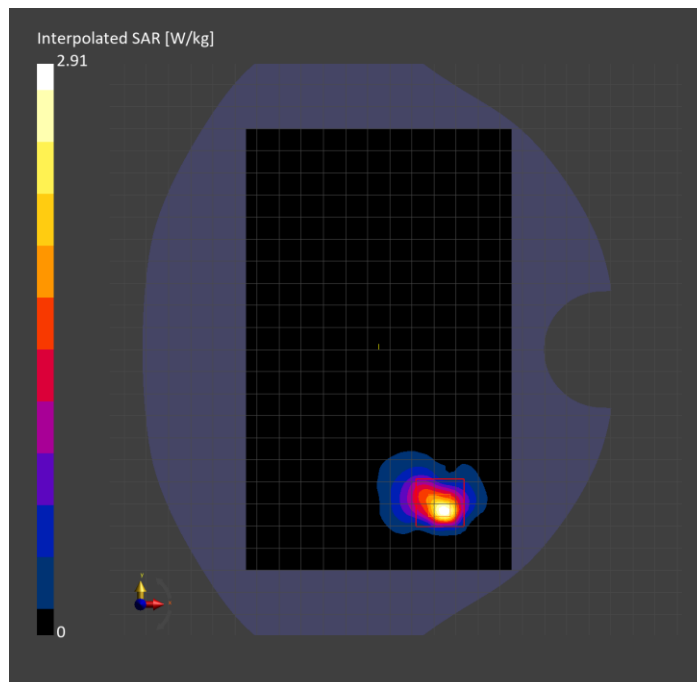
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DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		59.3
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.91 [3.6, -70.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.536	0.605
psSAR10g [W/Kg]	0.142	0.152
Power Drift [dB]	-0.01	0.04



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.7
Frequency [MHz] Channel Number	5789.000 Mid	TSL Conductivity [S/m]	5.10
Group UID	CW 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	5.23	Test Distance [mm]	0.00

Hardware Setup

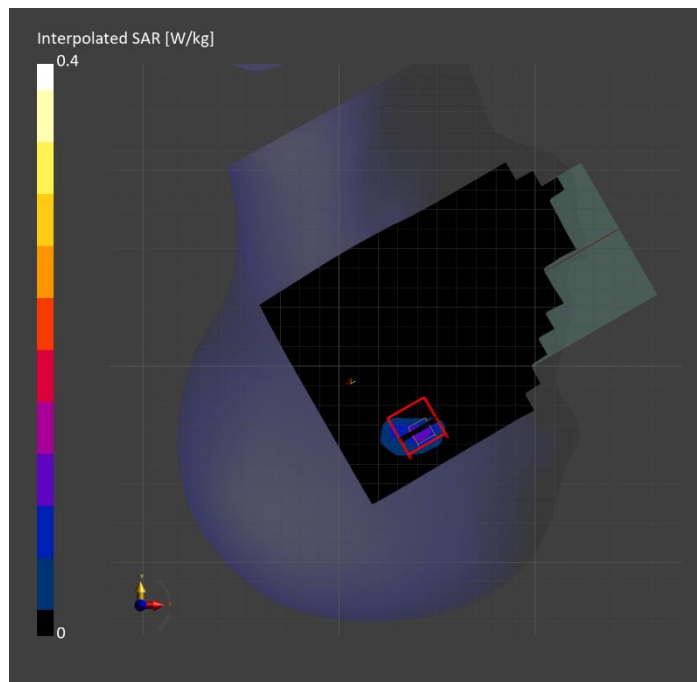
Probe Calibration Date	EX3DV4 - SN7501 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		59.9	60.4
Dist 3dB Peak [mm]		4.9	4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.399 [42.0, -333.9, -174.1]	0.400 [42.3, -333.8, -174.2]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.081	0.081	0.082
psSAR10g [W/Kg]	0.025	0.019	0.020
Power Drift [dB]	N/A	0.61	1.35



Custom Band: CW, EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1617.600 262391	TSL Conductivity [S/m]	1.24
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.51	Test Distance [mm]	0.00

Hardware Setup

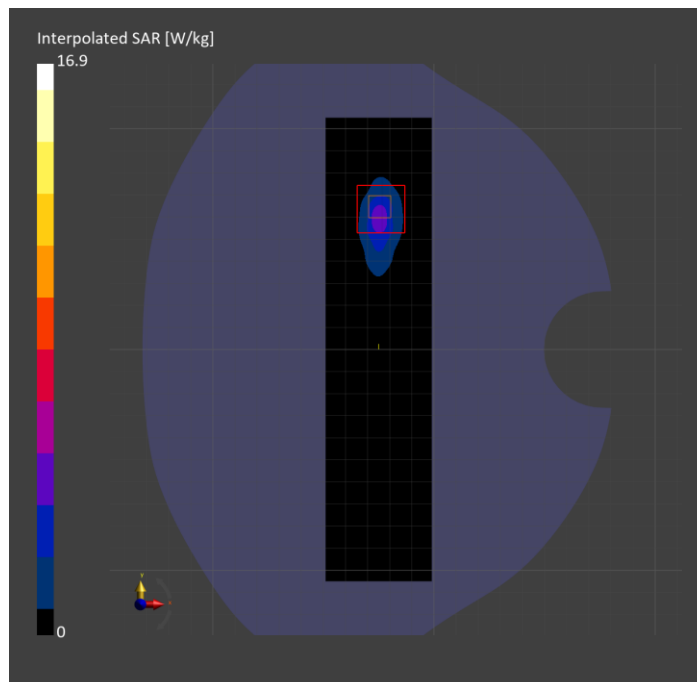
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DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		4.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	16.9 [-23.4, 68.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.77	4.21
psSAR10g [W/Kg]	1.60	1.54
Power Drift [dB]	-0.03	0.01



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2475.000 High	TSL Conductivity [S/m]	1.83
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

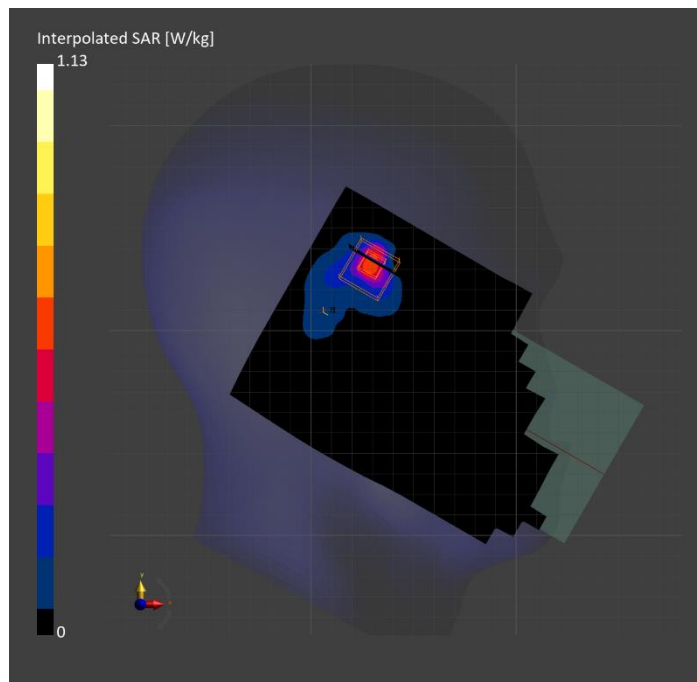
Probe Calibration Date	EX3DV4 - SN7779 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.4
Dist 3dB Peak [mm]		6.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.13 [30.1, 336.0, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.460	0.547
psSAR10g [W/Kg]	0.183	0.211
Power Drift [dB]	N/A	0.01



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2475.000 High	TSL Conductivity [S/m]	1.83
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

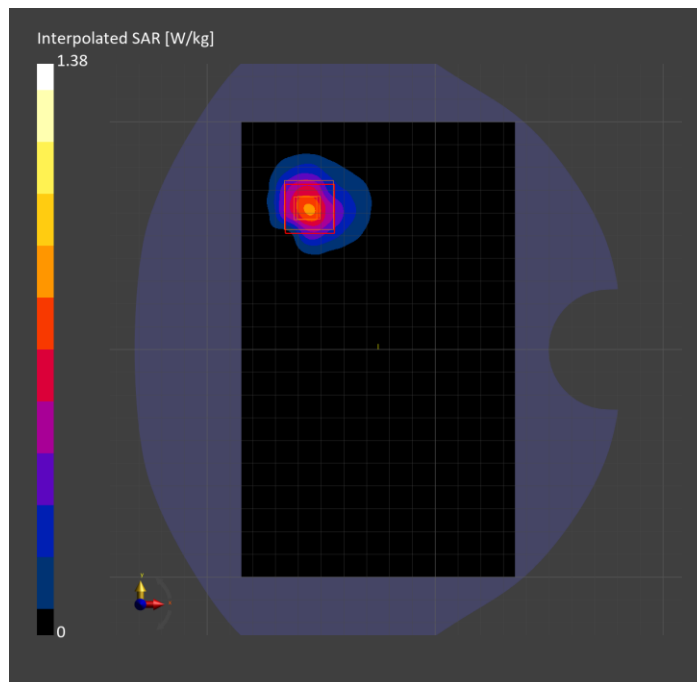
Probe Calibration Date	EX3DV4 - SN7779 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [-60.0, 64.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.637	0.680
psSAR10g [W/Kg]	0.289	0.302
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.3
Frequency [MHz] Channel Number	5786.300 Mid	TSL Conductivity [S/m]	5.02
Group UID	CW 10658-AAB	Phantom Section TSL	RightHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

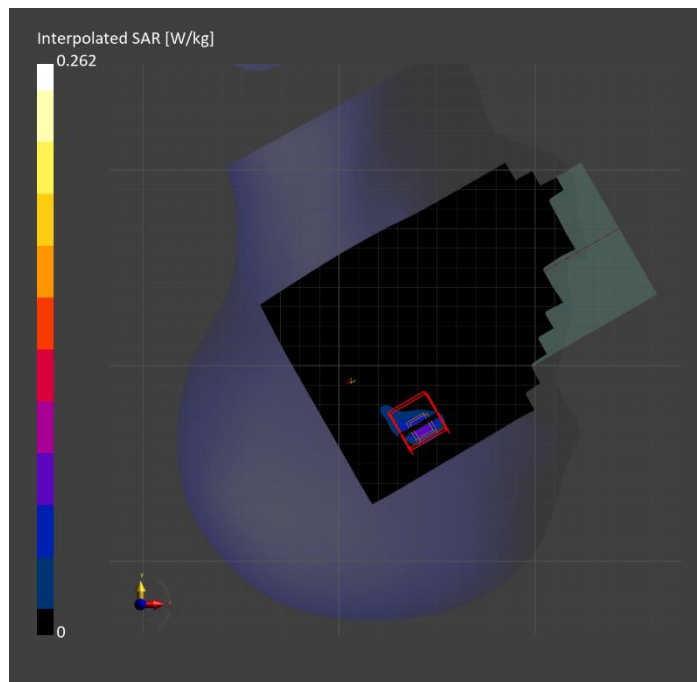
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		55.9	53.9
Dist 3dB Peak [mm]		4.9	6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.253 [43.7, -331.3, -174.3]	0.262 [41.6, -332.5, -174.3]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.052	0.051	0.053
psSAR10g [W/Kg]	0.015	0.011	0.012
Power Drift [dB]	N/A	2.60	3.27



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.2
Frequency [MHz] Channel Number	5726.300 Low	TSL Conductivity [S/m]	4.93
Group UID	CW 10658-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

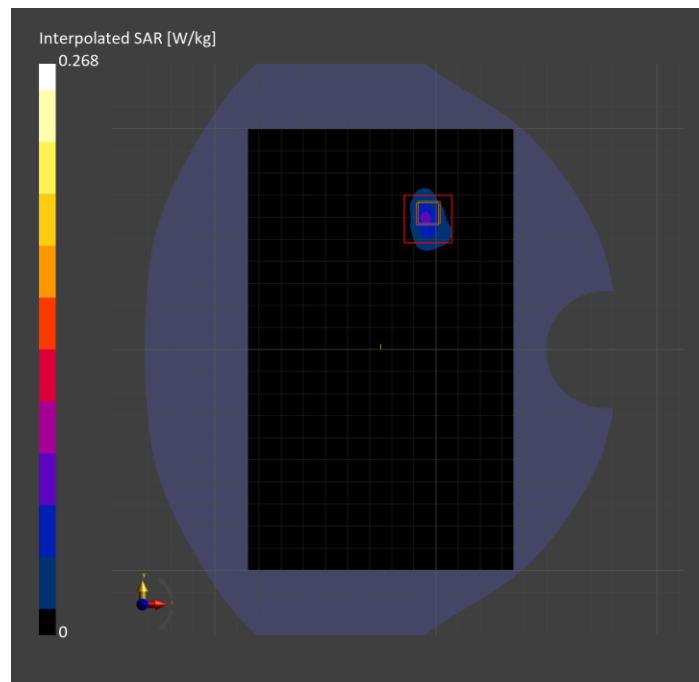
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		58.4	58.7
Dist 3dB Peak [mm]		6.6	5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.264 [-2.6, 63.2, -207.0]	0.268 [-2.6, 63.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.046	0.056	0.061
psSAR10g [W/Kg]	0.013	0.013	0.019
Power Drift [dB]	N/A	1.05	0.25



Custom Band: CW, EDGE TOP

Exposure Conditions

Band	Custom Band	TSL Permittivity	54.8
Frequency [MHz] Channel Number	13.600 0	TSL Conductivity [S/m]	0.704
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	17.98	Test Distance [mm]	0.00

Hardware Setup

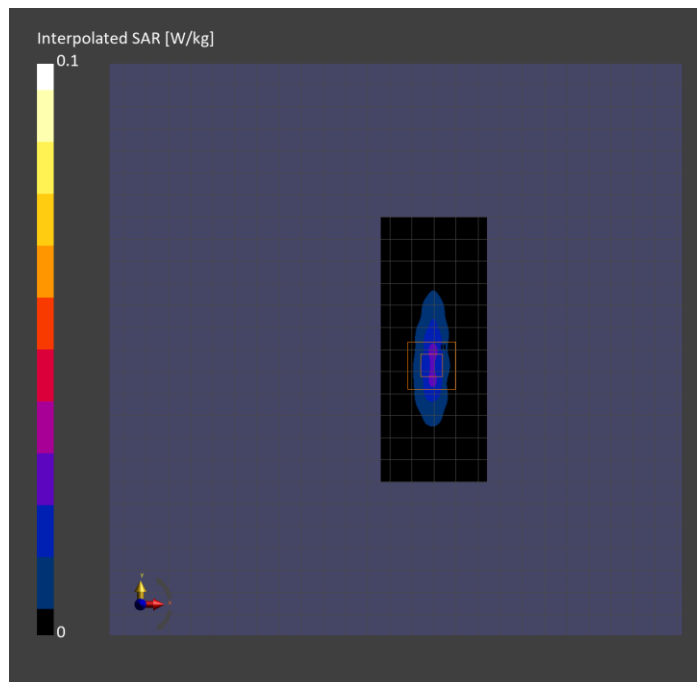
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	ELI V5.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.7
Dist 3dB Peak [mm]		4.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.079 [-0.1, -11.1, -177.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.022	0.020
psSAR10g [W/Kg]	0.012	0.007
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	U-NII-7	Phantom Section	5G
Frequency [MHz] Channel Number	6665.0 143	Conversion Factor	1.0
Group UID	WLAN, 10755-AAC	Position Test Distance [mm]	BACK 2.00

Hardware Setup

Probe Calibration Date	EUmmWV4 - SN9589_F1-55GHz 2023-09-05	Phantom	mmWave xxxx
DAE Calibration Date	DAE4ip Sn1621 2024-04-12	Medium	Air -
Software Version	3.2.0.1840		

Scan Setup

Scan Type	5G Scan	Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.041 x 0.041	Sensor Surface [mm]	2.0

Measurement Results

Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.53
psPDtot+ [W/m ²]	3.13
psPDmod+ [W/m ²]	4.87
E _{max} [V/m]	75.2
Power Drift [dB]	0.01

