

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.8
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.922
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

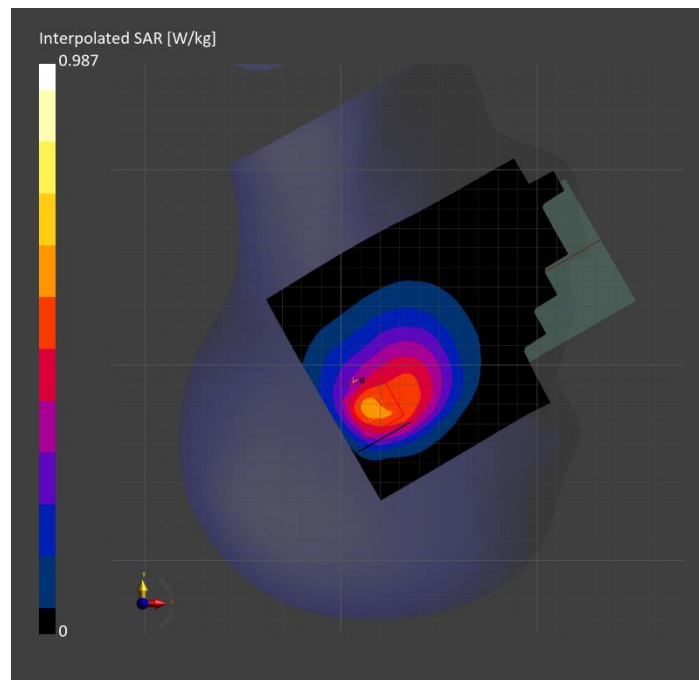
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.7
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.987 [23.8, -335.1, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.523	0.502
psSAR10g [W/Kg]	0.347	0.306
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.8
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.922
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

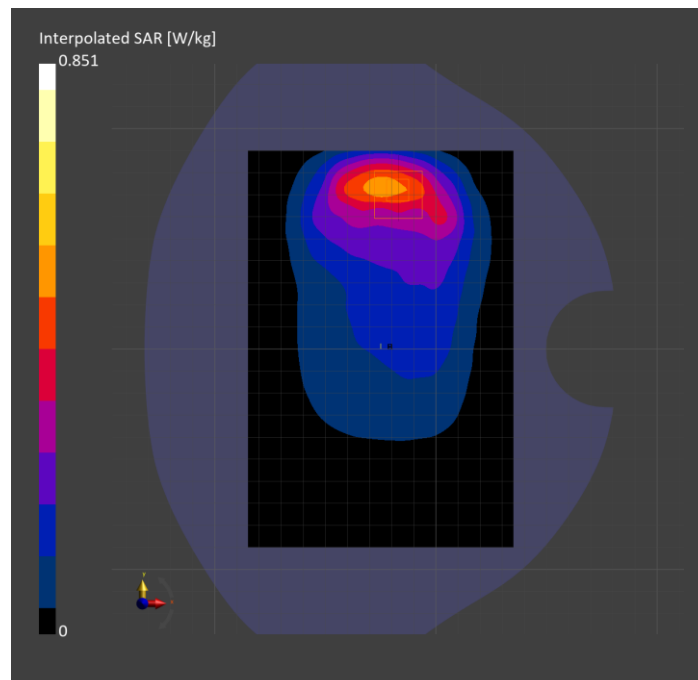
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.851 [-17.0, 71.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.459	0.458
psSAR10g [W/Kg]	0.289	0.264
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.8
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.922
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

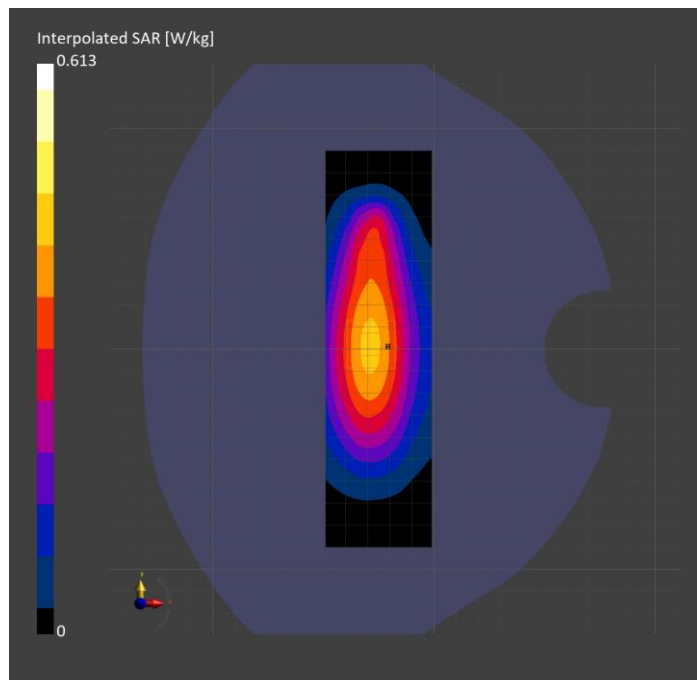
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.6
Dist 3dB Peak [mm]		15.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.613 [-29.1, 3.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.371	0.384
psSAR10g [W/Kg]	0.248	0.251
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.0
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.47
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00

Hardware Setup

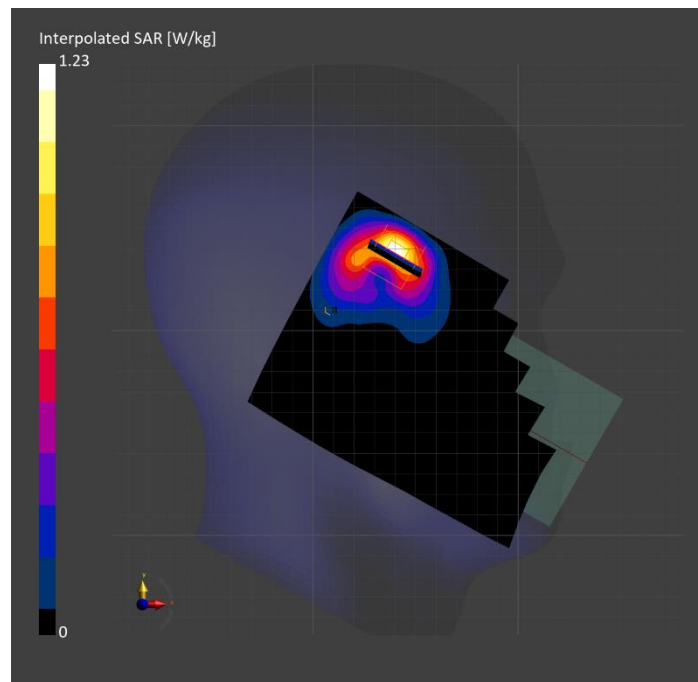
Probe Calibration Date	EX3DV4 - SN3749 2024-01-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.23 [41.0, 338.0, -173.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.494	0.517
psSAR10g [W/Kg]	0.246	0.231
Power Drift [dB]	-0.01	0.02



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.39
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

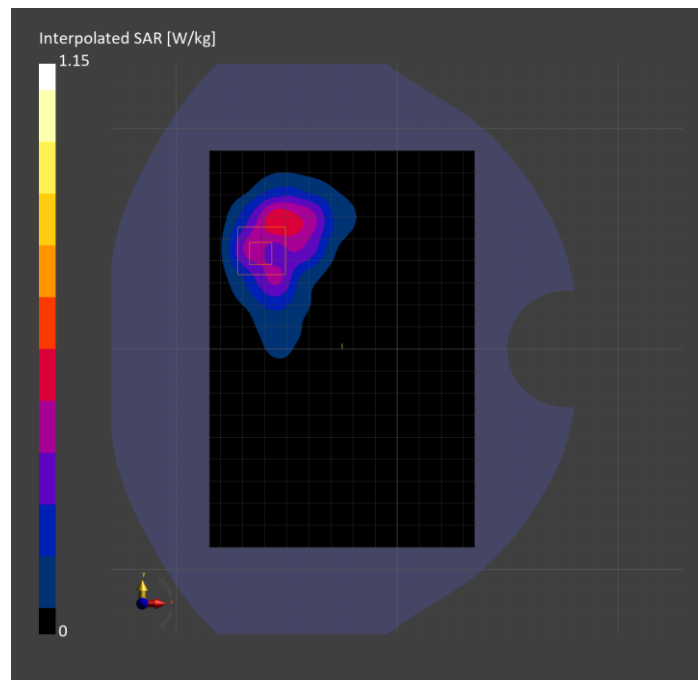
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		81.6
Dist 3dB Peak [mm]		7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.15 [-61.4, 43.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.452	0.552
psSAR10g [W/Kg]	0.255	0.264
Power Drift [dB]	N/A	0.06



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.7
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.35
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

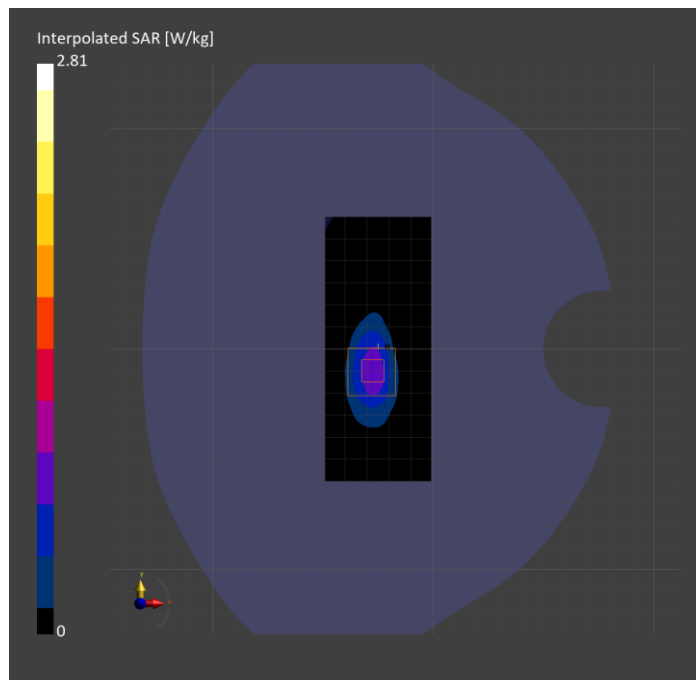
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.6
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.46 [-28.0, -9.6, -209.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.689	0.727
psSAR10g [W/Kg]	0.333	0.343
Power Drift [dB]	N/A	0.04



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	39.6
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.45
Group UID	WCDMA 10011-CAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.08	Test Distance [mm]	0.00

Hardware Setup

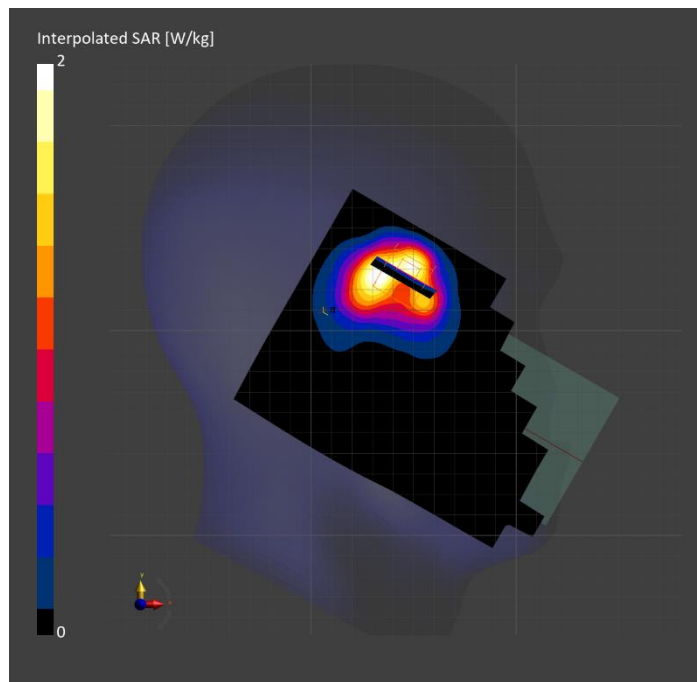
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.00 [47.2, 328.4, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.537	0.830
psSAR10g [W/Kg]	0.295	0.358
Power Drift [dB]	N/A	-0.01



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	42.0
Frequency [MHz] Channel Number	1852.400 9262	TSL Conductivity [S/m]	1.46
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.48	Test Distance [mm]	5.00

Hardware Setup

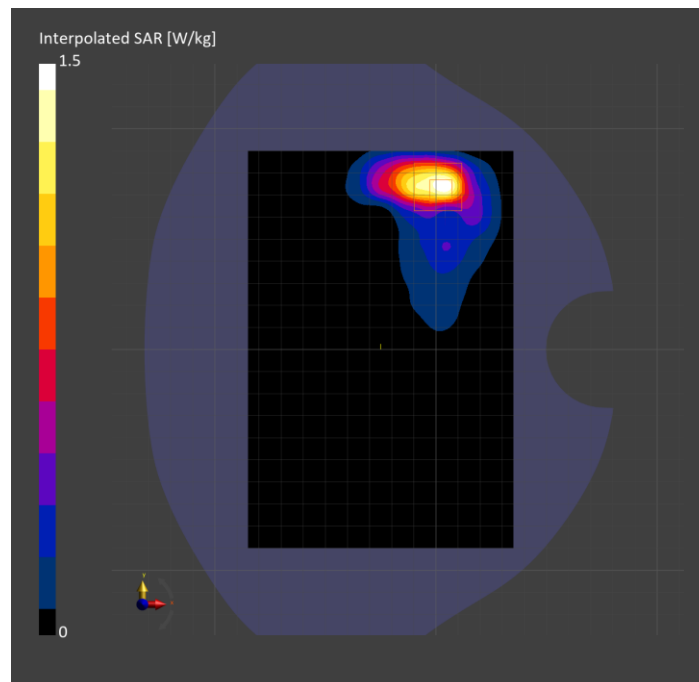
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		83.3
Dist 3dB Peak [mm]		6.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.50 [4.2, 70.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.619	0.755
psSAR10g [W/Kg]	0.314	0.352
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Band 2	TSL Permittivity	39.7
Frequency [MHz] Channel Number	1852.400 9262	TSL Conductivity [S/m]	1.42
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.08	Test Distance [mm]	5.00

Hardware Setup

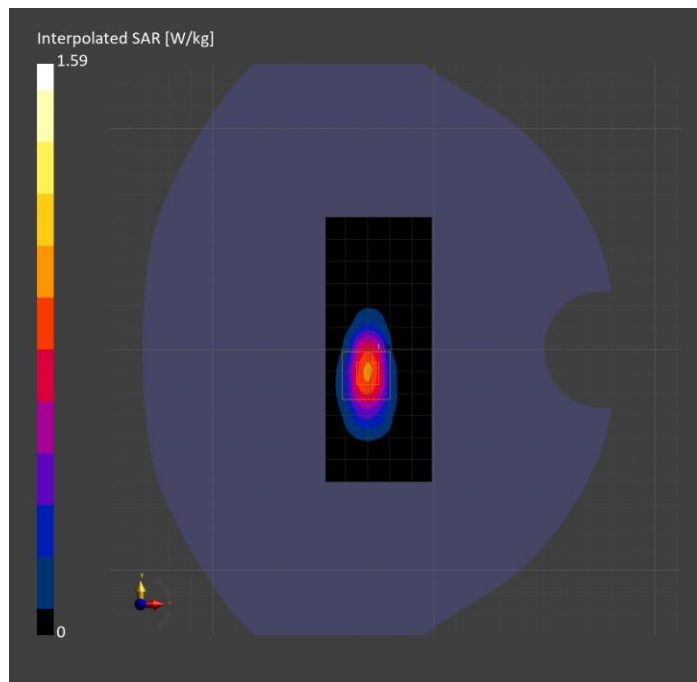
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		80.3
Dist 3dB Peak [mm]		6.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.59 [-29.0, -10.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.754	0.780
psSAR10g [W/Kg]	0.354	0.356
Power Drift [dB]	N/A	-0.14



Band 4: UMTS-FDD (WCDMA), TILT

Exposure Conditions

Band	Band 4	TSL Permittivity	38.2
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.36
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

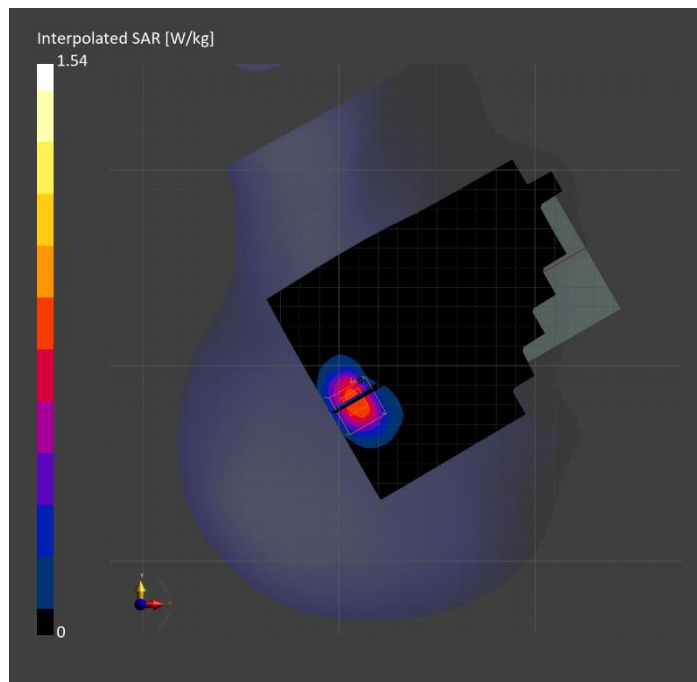
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		82.6
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.54 [6.6, -315.7, -173.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.709	0.730
psSAR10g [W/Kg]	0.360	0.334
Power Drift [dB]	N/A	-0.01



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	38.5
Frequency [MHz] Channel Number	1752.600 1513	TSL Conductivity [S/m]	1.33
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

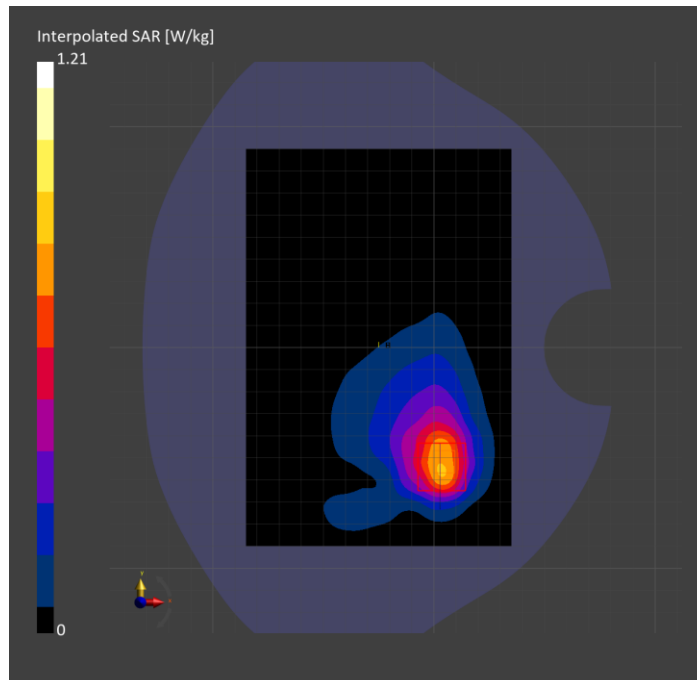
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.0
Dist 3dB Peak [mm]		11.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.21 [2.9, -59.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.687	0.690
psSAR10g [W/Kg]	0.382	0.377
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band 4	TSL Permittivity	39.0
Frequency [MHz] Channel Number	1752.600 1513	TSL Conductivity [S/m]	1.28
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.49	Test Distance [mm]	5.00

Hardware Setup

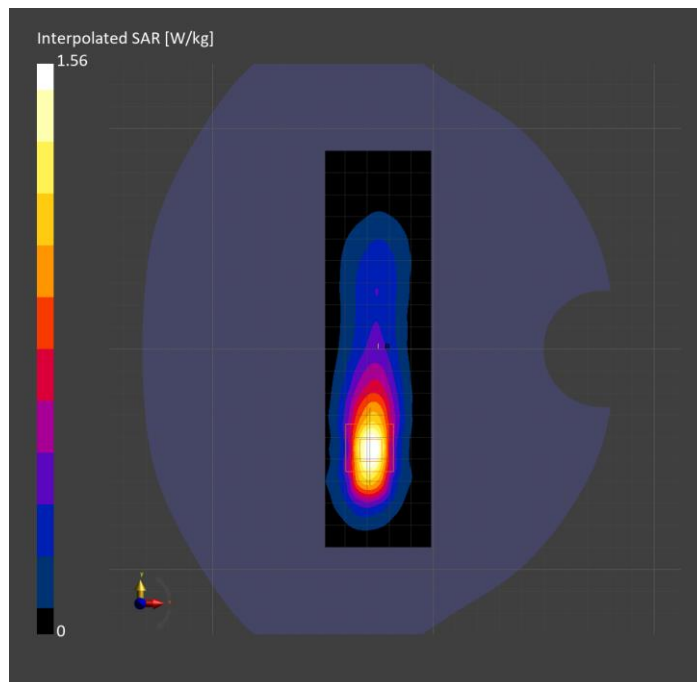
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [%]		83.6
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.56 [-28.5, -46.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.722	0.805
psSAR10g [W/Kg]	0.355	0.380
Power Drift [dB]	N/A	-0.01



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	44.1
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.895
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.63	Test Distance [mm]	0.00

Hardware Setup

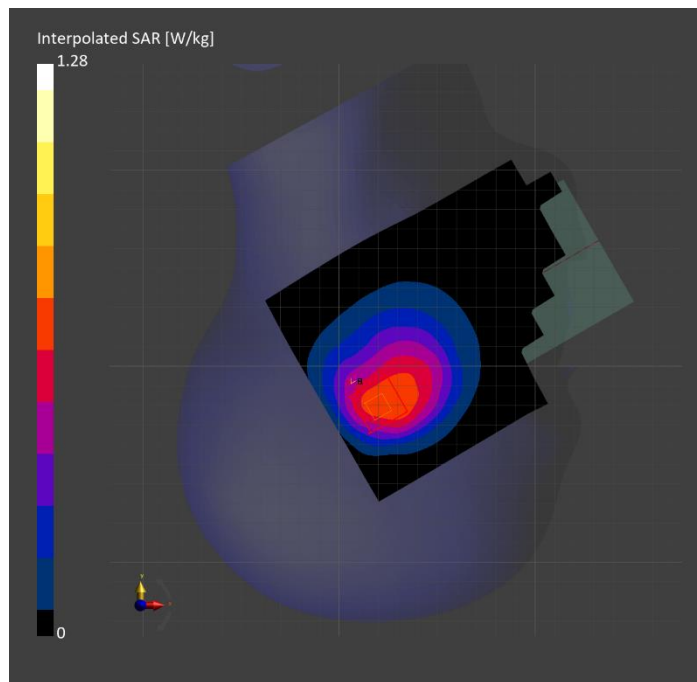
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.1
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.28 [17.6, -326.7, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.639	0.691
psSAR10g [W/Kg]	0.437	0.422
Power Drift [dB]	N/A	-0.01



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	40.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.932
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

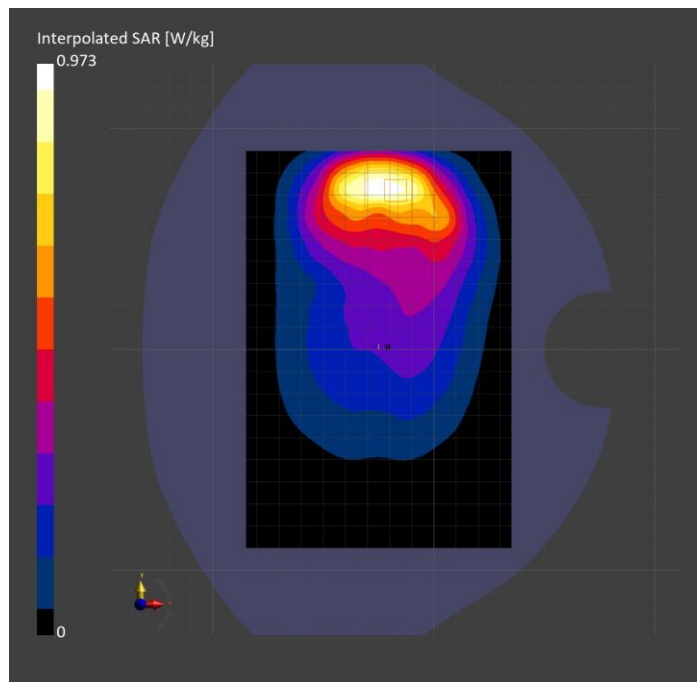
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2448		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.6
Dist 3dB Peak [mm]		11.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.973 [-16.2, 72.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.529	0.531
psSAR10g [W/Kg]	0.337	0.304
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 5	TSL Permittivity	40.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.932
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

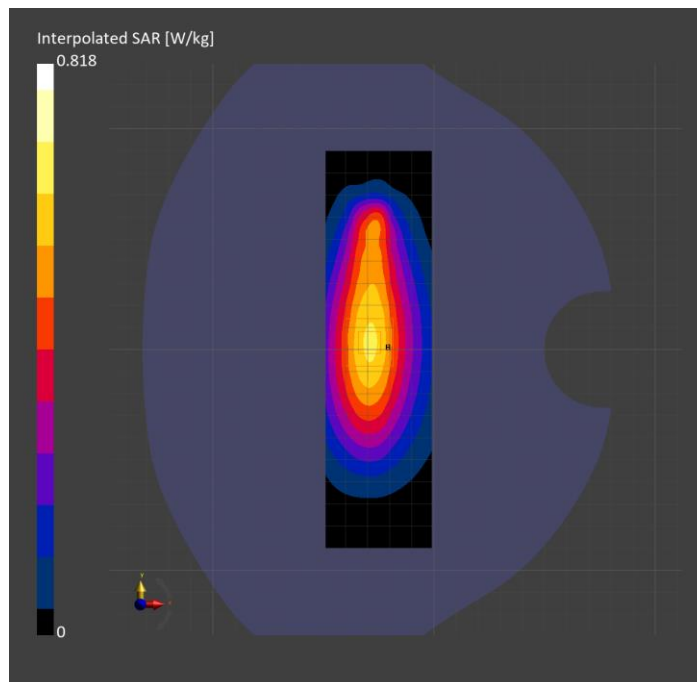
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2448		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		88.2
Dist 3dB Peak [mm]		16.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.818 [-29.6, 2.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.547	0.539
psSAR10g [W/Kg]	0.359	0.351
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	42.3
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.911
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

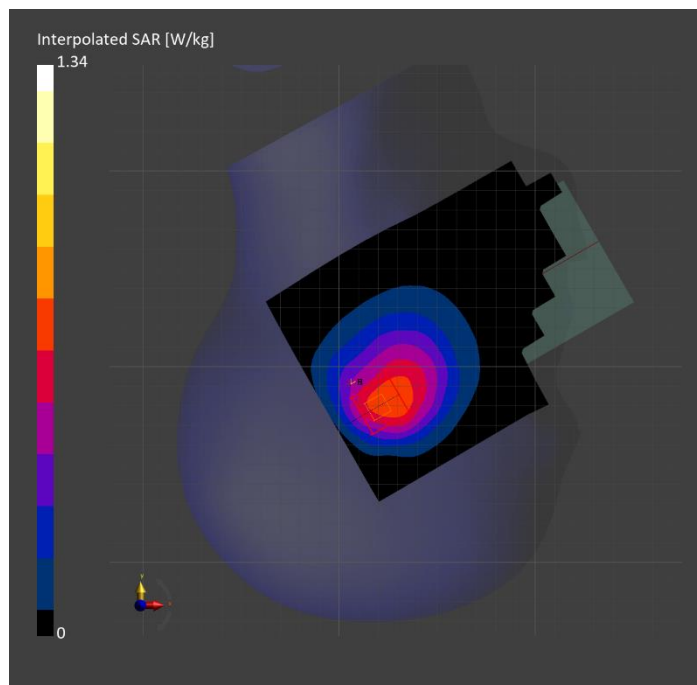
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.8
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.35 [15.5, -322.7, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.656	0.711
psSAR10g [W/Kg]	0.443	0.419
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 5	TSL Permittivity	42.3
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.911
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

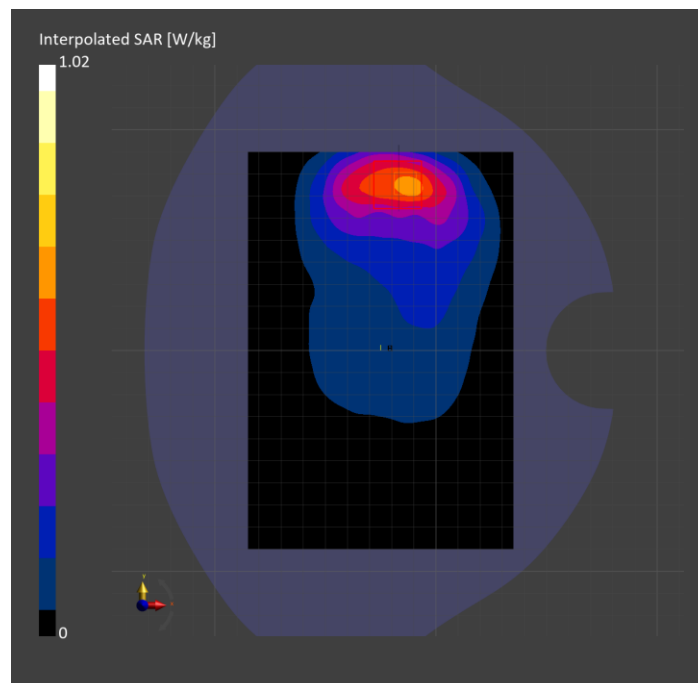
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		11.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.02 [-16.8, 76.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.539	0.534
psSAR10g [W/Kg]	0.340	0.302
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 5	TSL Permittivity	42.3
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.911
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

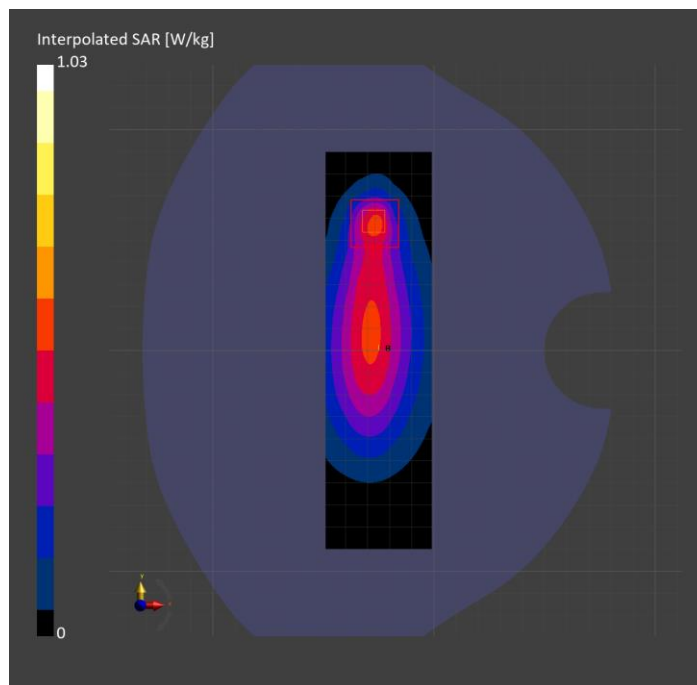
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.9
Dist 3dB Peak [mm]		7.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [-26.5, 62.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.472	0.431
psSAR10g [W/Kg]	0.311	0.217
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 7	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.91
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

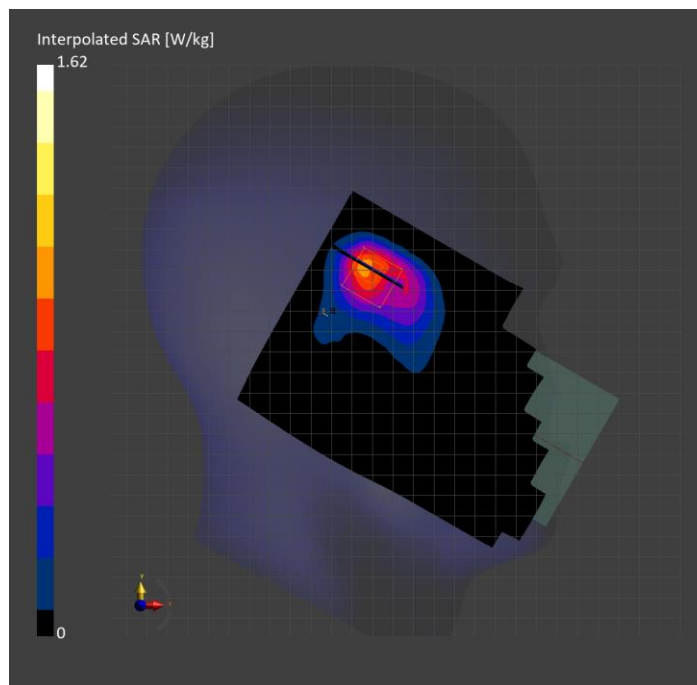
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.1
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.62 [27.2, 333.5, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.780	0.818
psSAR10g [W/Kg]	0.404	0.402
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 7	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.91
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

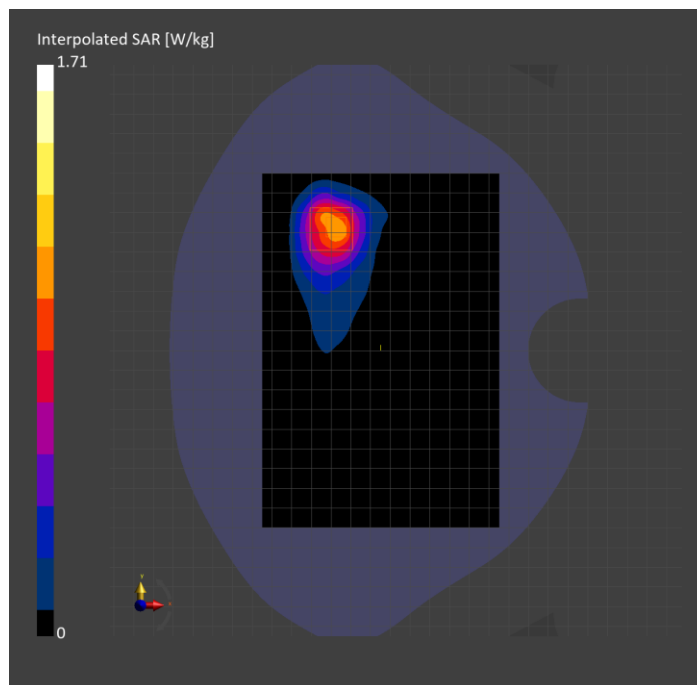
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.7
Dist 3dB Peak [mm]		9.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [-51.5, 68.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.887	0.851
psSAR10g [W/Kg]	0.458	0.442
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band 7	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.93
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

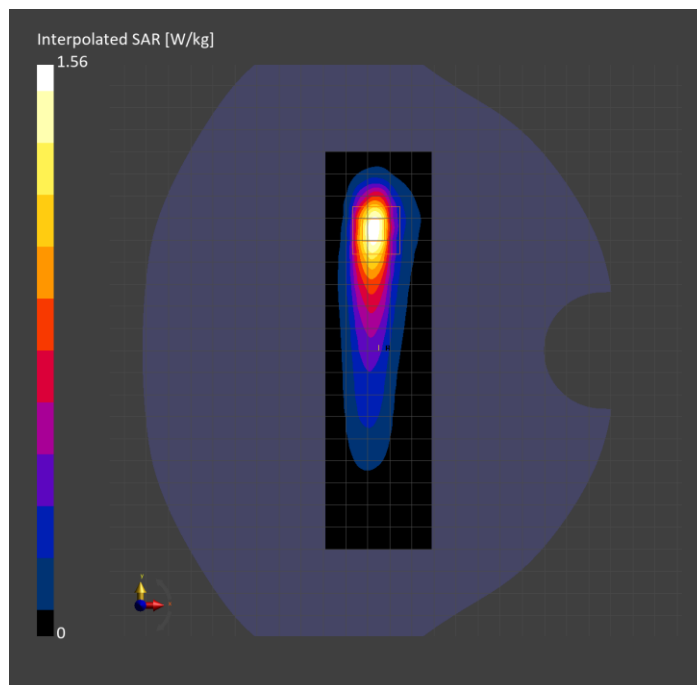
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.56 [-26.9, 57.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.724	0.715
psSAR10g [W/Kg]	0.313	0.307
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 12	TSL Permittivity	41.7
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.864
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

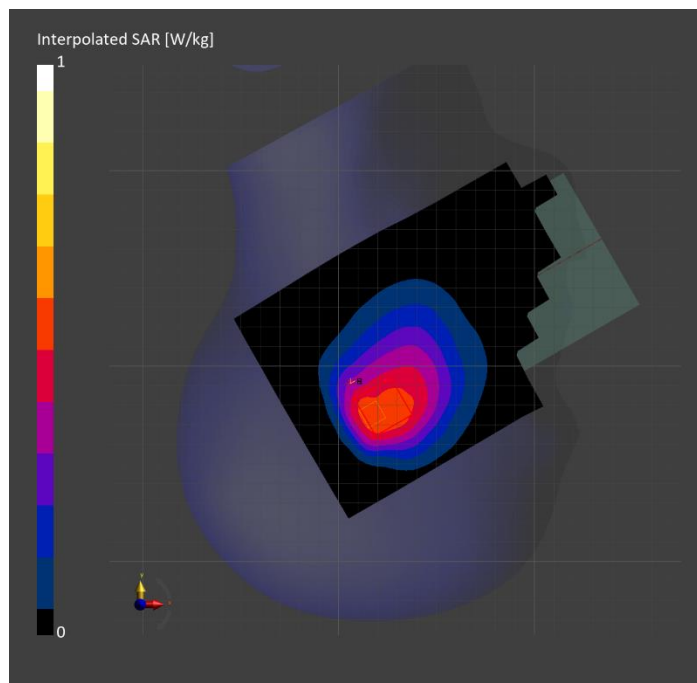
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		82.8
Dist 3dB Peak [mm]		9.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.00 [12.7, -327.5, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.497	0.519
psSAR10g [W/Kg]	0.344	0.345
Power Drift [dB]	N/A	-0.09



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

Exposure Conditions

Band	Band 12	TSL Permittivity	41.2
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.894
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

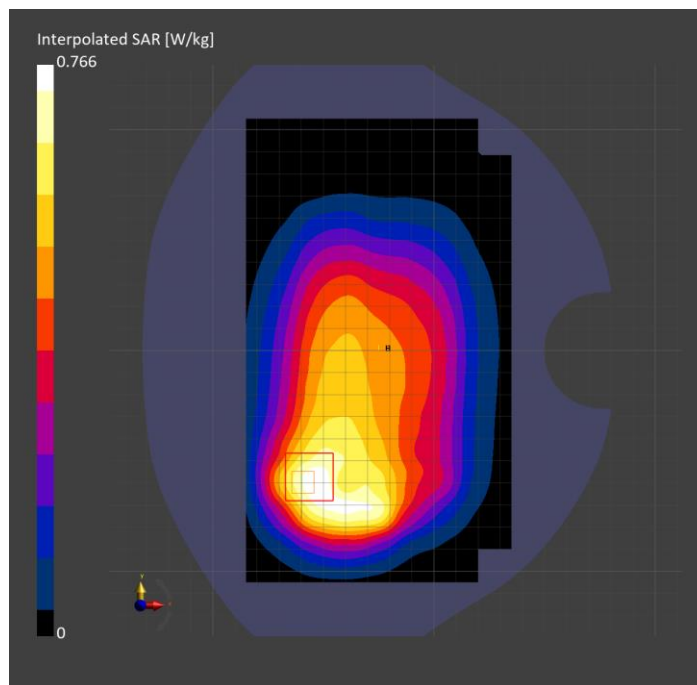
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	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]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.766 [-59.9, -62.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.382	0.385
psSAR10g [W/Kg]	0.262	0.236
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	Band 12	TSL Permittivity	41.7
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.864
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

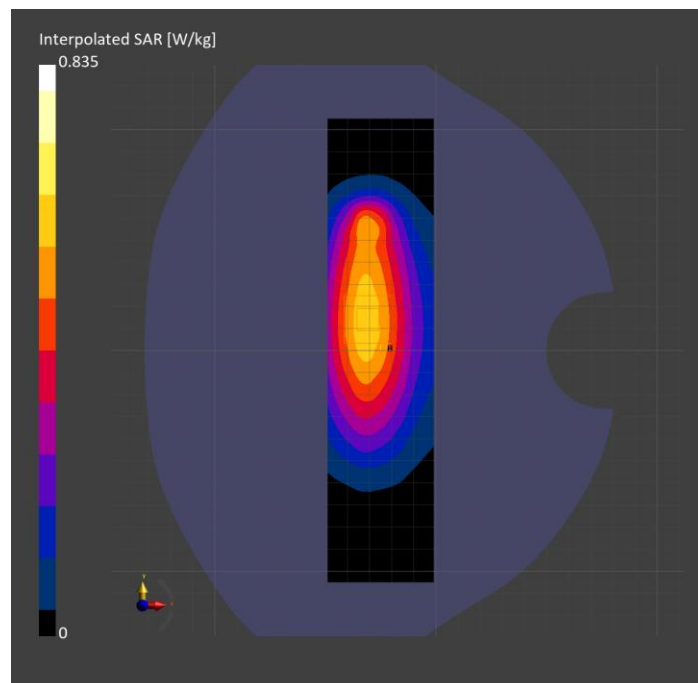
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		87.7
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.835 [-31.0, 12.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.528	0.536
psSAR10g [W/Kg]	0.358	0.352
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 13	TSL Permittivity	41.5
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.887
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

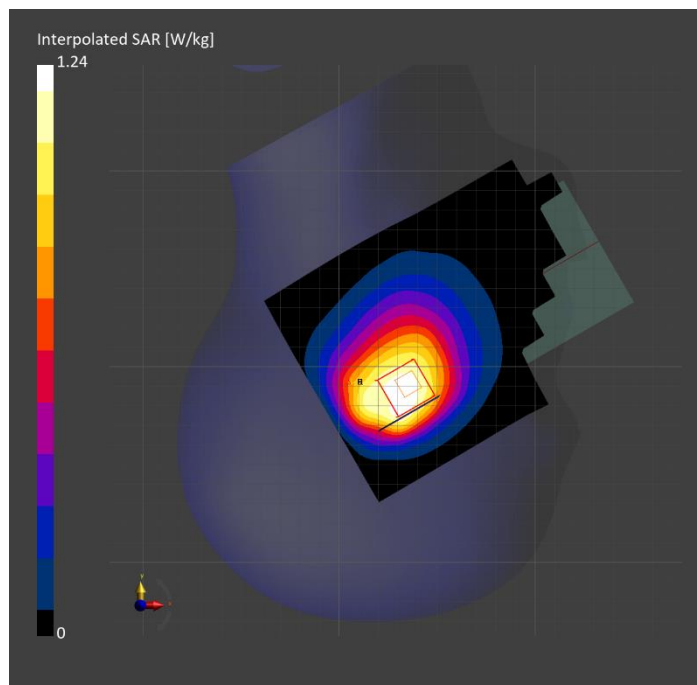
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.8
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.24 [29.8, -327.9, -175.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.692	0.692
psSAR10g [W/Kg]	0.477	0.486
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 13	TSL Permittivity	41.0
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.917
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

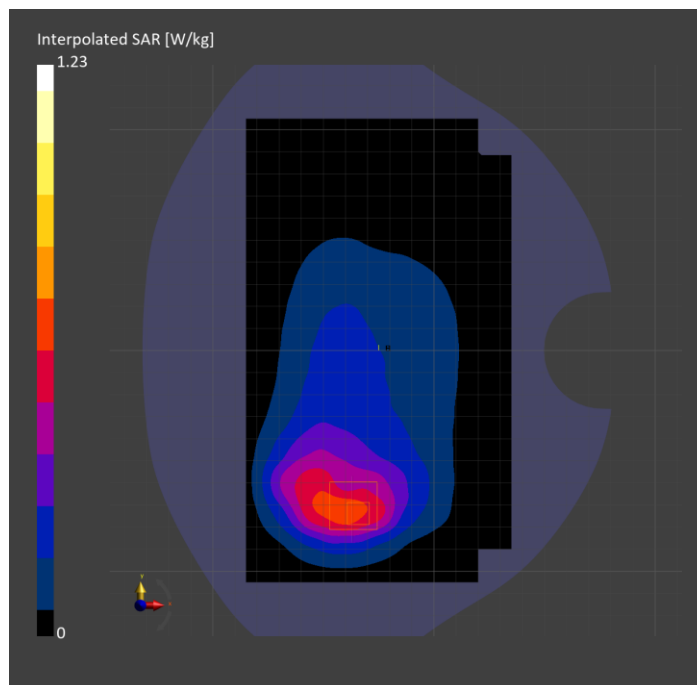
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.9
Dist 3dB Peak [mm]		10.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.23 [-37.0, -75.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	0.552
psSAR10g [W/Kg]	0.391	0.298
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band 13	TSL Permittivity	41.0
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.917
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

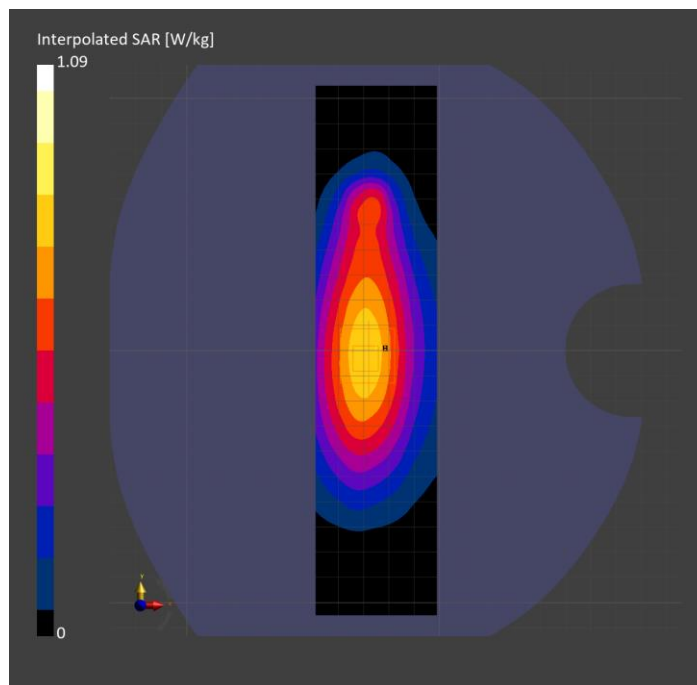
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.4
Dist 3dB Peak [mm]		16.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.09 [-28.0, -6.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.696	0.691
psSAR10g [W/Kg]	0.468	0.450
Power Drift [dB]	N/A	-0.16



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

Exposure Conditions

Band	Band 14	TSL Permittivity	41.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.891
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

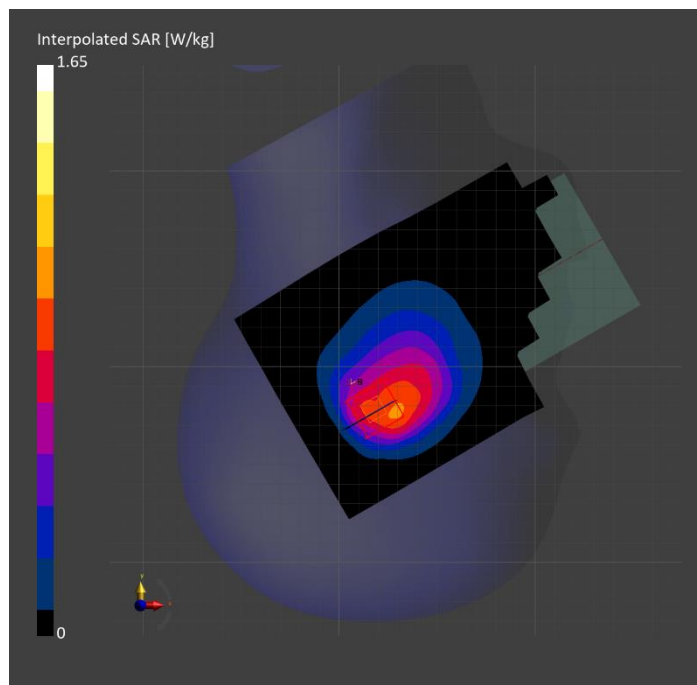
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		65.4
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.65 [24.7, -335.6, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.831	0.802
psSAR10g [W/Kg]	0.561	0.494
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 14	TSL Permittivity	41.0
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.921
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

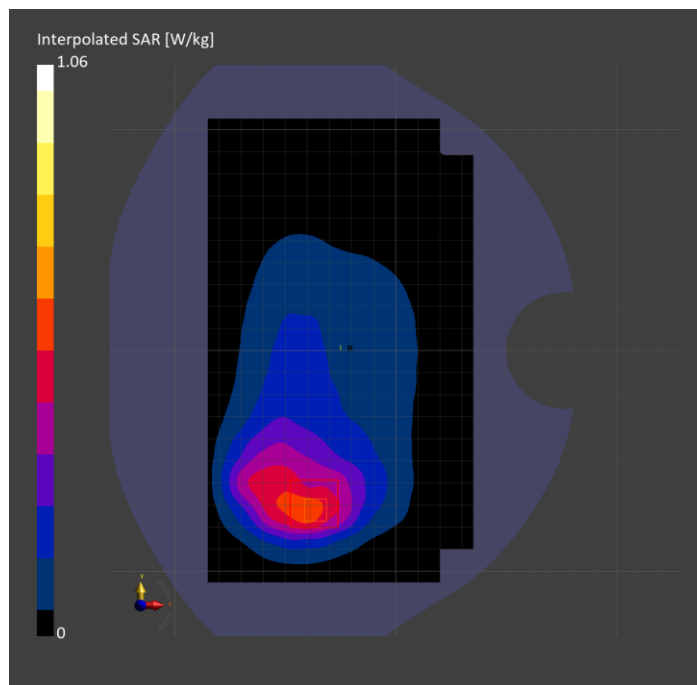
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.06 [-38.6, -74.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.518	0.481
psSAR10g [W/Kg]	0.336	0.260
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 14	TSL Permittivity	41.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.891
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

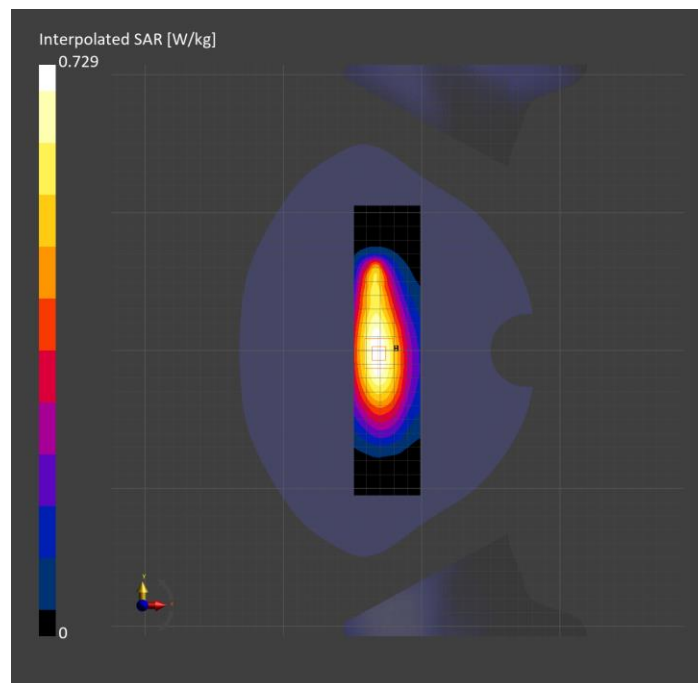
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.0
Dist 3dB Peak [mm]		20.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.729 [-31.8, -2.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.454	0.459
psSAR10g [W/Kg]	0.303	0.298
Power Drift [dB]	N/A	0.04



Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 25	TSL Permittivity	38.1
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.43
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	7.55	Test Distance [mm]	0.00

Hardware Setup

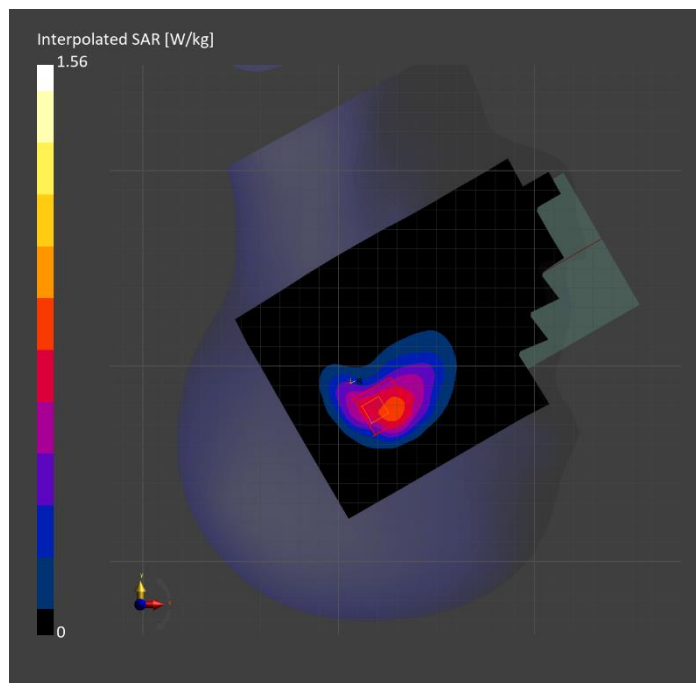
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.3
Dist 3dB Peak [mm]		8.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.56 [22.6, -326.2, -176.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.690	0.712
psSAR10g [W/Kg]	0.395	0.383
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 25	TSL Permittivity	37.5
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.40
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

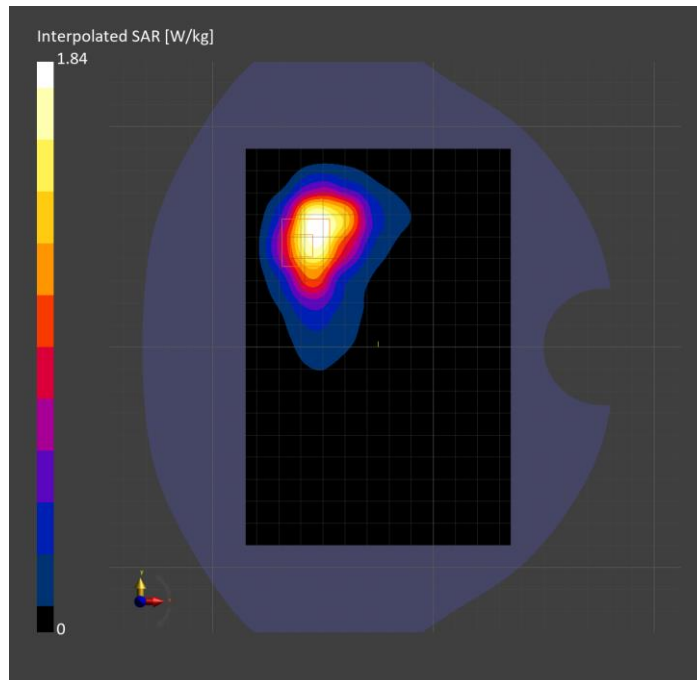
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.9 x 4.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.1
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.84 [-58.2, 45.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.833	0.838
psSAR10g [W/Kg]	0.462	0.396
Power Drift [dB]	N/A	-0.04



Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 25	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.39
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

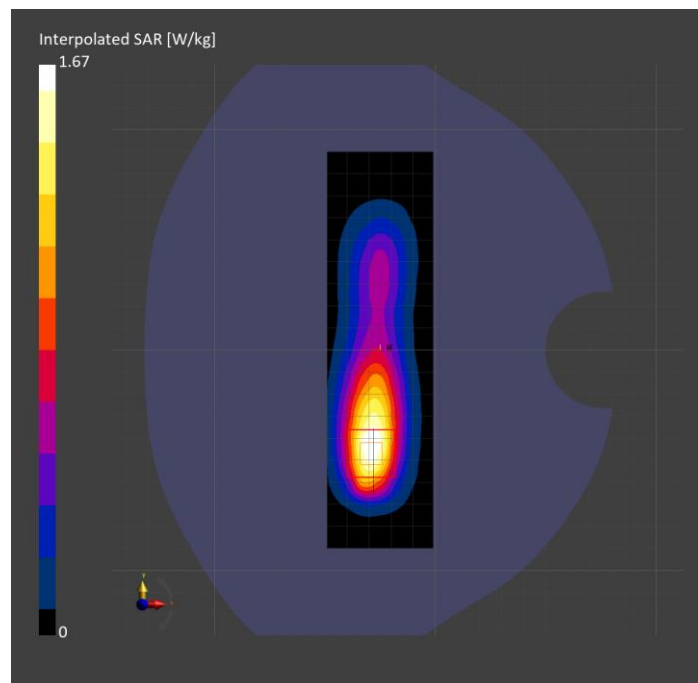
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.0
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.67 [-27.9, -52.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.825	0.887
psSAR10g [W/Kg]	0.441	0.450
Power Drift [dB]	N/A	-0.09



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

Exposure Conditions

Band	Band 26	TSL Permittivity	42.4
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.909
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

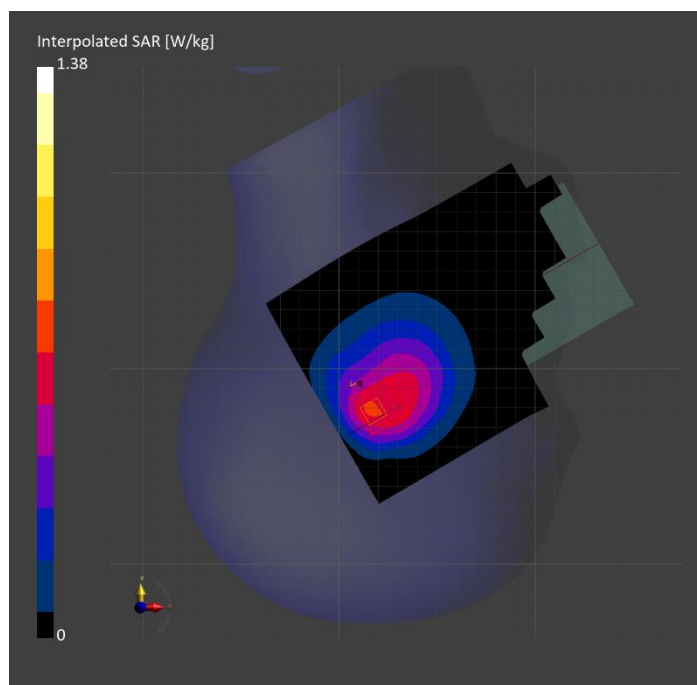
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		74.6
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.38 [16.1, -327.1, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.607	0.644
psSAR10g [W/Kg]	0.413	0.397
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 26	TSL Permittivity	39.9
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.911
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

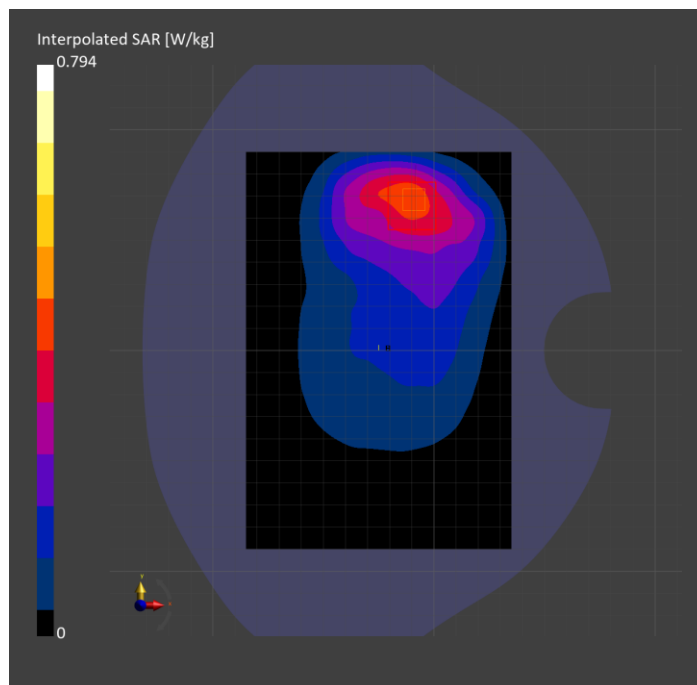
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.794 [-8.1, 69.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.383	0.432
psSAR10g [W/Kg]	0.254	0.253
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 26	TSL Permittivity	40.3
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.930
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

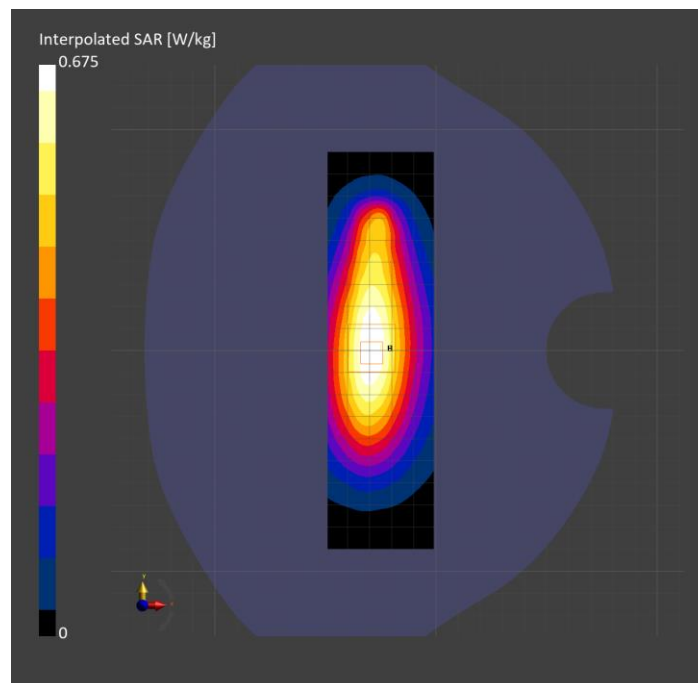
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.9
Dist 3dB Peak [mm]		16.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.675 [-29.9, -0.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.435	0.436
psSAR10g [W/Kg]	0.287	0.284
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 30	TSL Permittivity	40.2
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.57
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	6.54	Test Distance [mm]	0.00

Hardware Setup

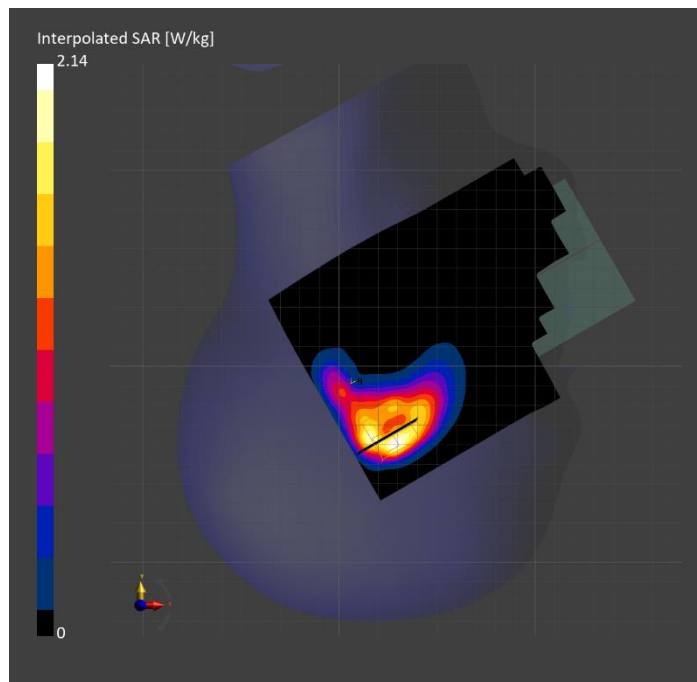
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.14 [21.6, -338.6, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.671	0.832
psSAR10g [W/Kg]	0.366	0.365
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 30	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.65
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	6.54	Test Distance [mm]	5.00

Hardware Setup

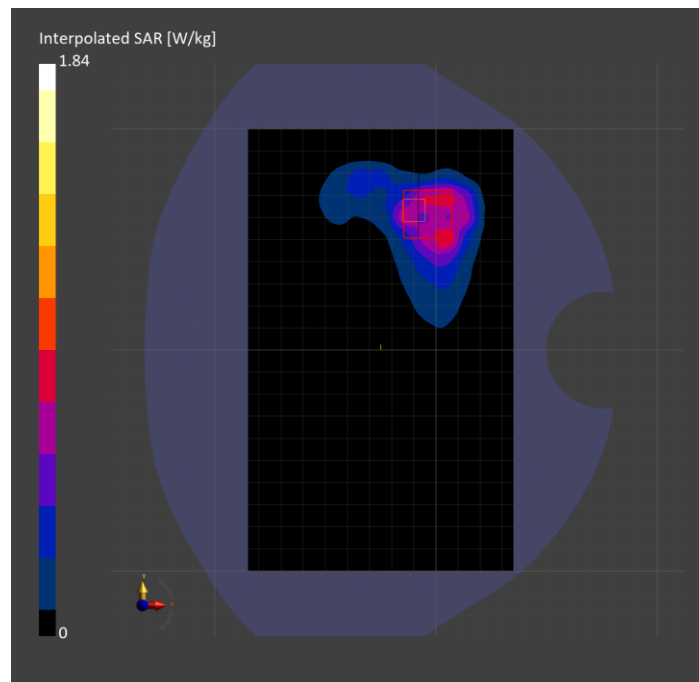
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.84 [-7.7, 64.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.655	0.718
psSAR10g [W/Kg]	0.368	0.310
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	Band 30	TSL Permittivity	42.0
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.56
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	6.54	Test Distance [mm]	5.00

Hardware Setup

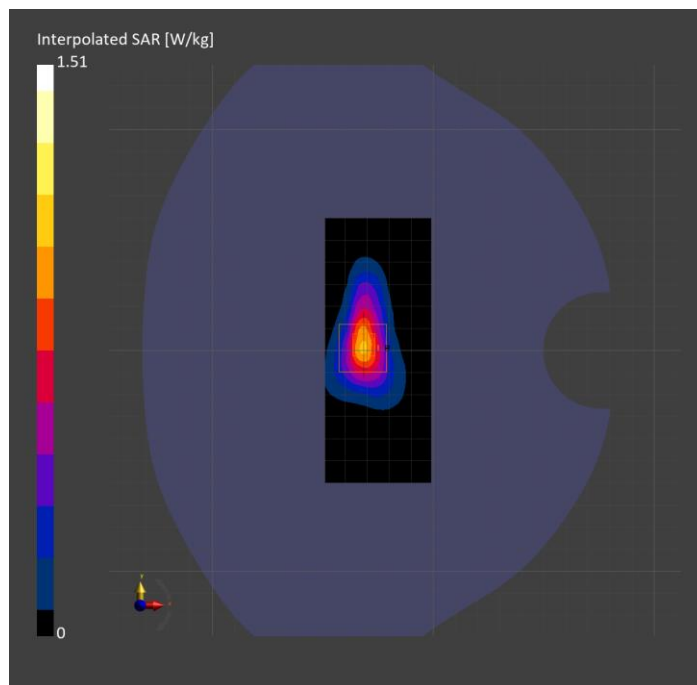
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.8
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.51 [-31.4, 2.5, -207.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.769	0.780
psSAR10g [W/Kg]	0.346	0.364
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 41	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.87
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

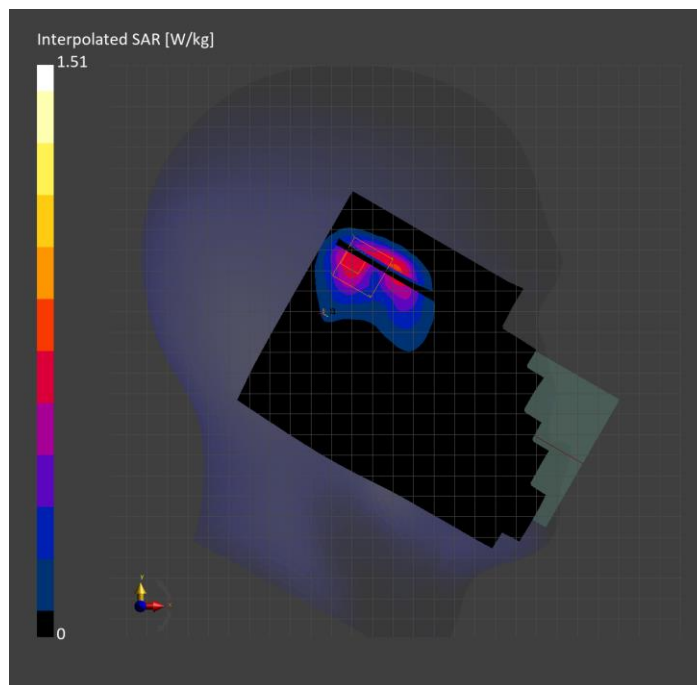
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.7 x 4.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.51 [40.9, 331.3, -174.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.578	0.629
psSAR10g [W/Kg]	0.284	0.292
Power Drift [dB]	N/A	0.05



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

Exposure Conditions

Band	Band 41	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2549.500 40185	TSL Conductivity [S/m]	1.95
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

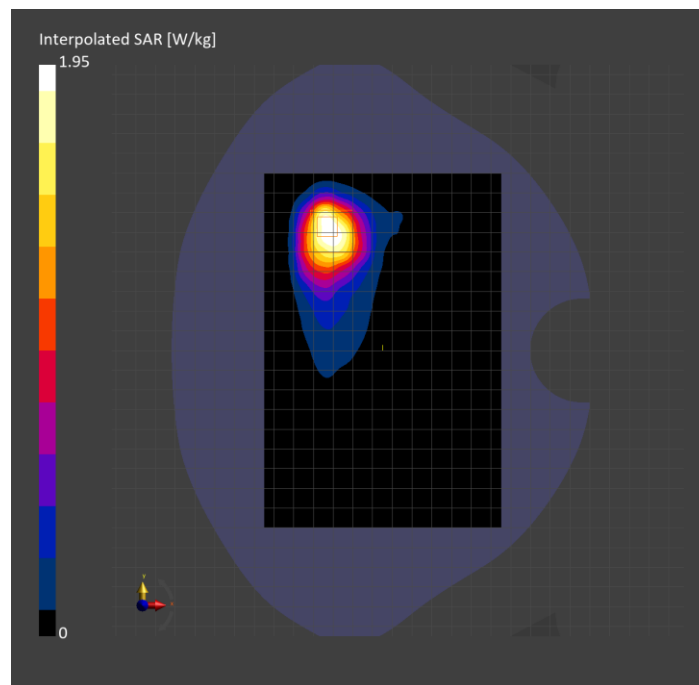
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		9.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.94 [-53.5, 65.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.883	0.878
psSAR10g [W/Kg]	0.461	0.446
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band 41	TSL Permittivity	41.6
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.94
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

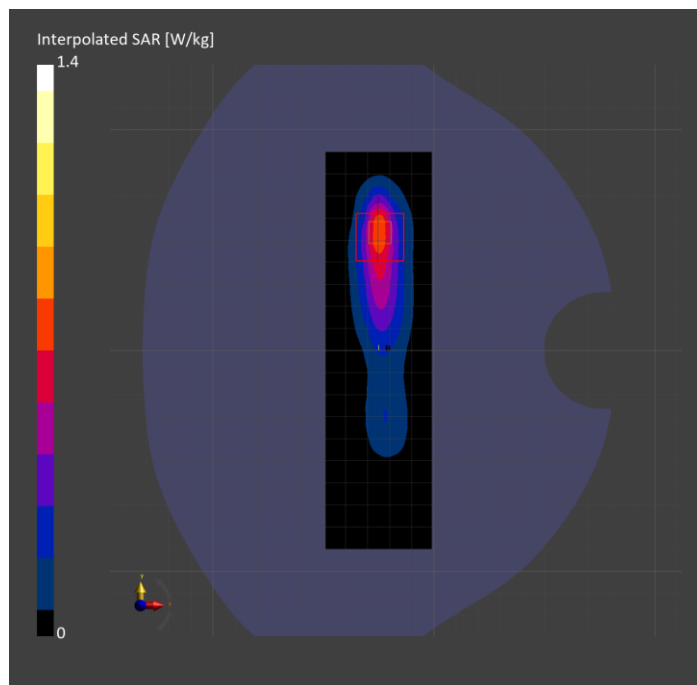
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.40 [-25.0, 55.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.574	0.595
psSAR10g [W/Kg]	0.253	0.258
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:High AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 48	TSL Permittivity	39.9
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.87
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

Hardware Setup

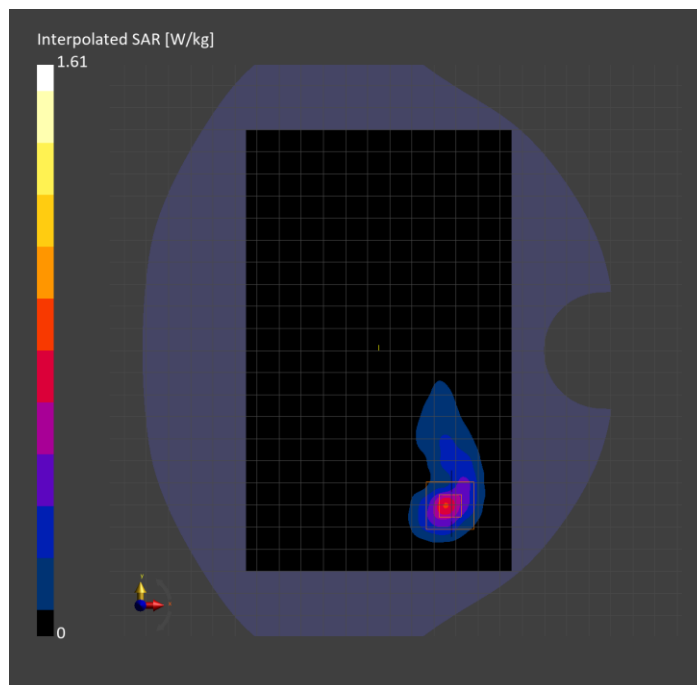
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.5
Dist 3dB Peak [mm]		6.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.61 [8.0, -69.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.535	0.602
psSAR10g [W/Kg]	0.195	0.214
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:High AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 48	TSL Permittivity	39.9
Frequency [MHz] Channel Number	3690.000 56640	TSL Conductivity [S/m]	2.91
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

Hardware Setup

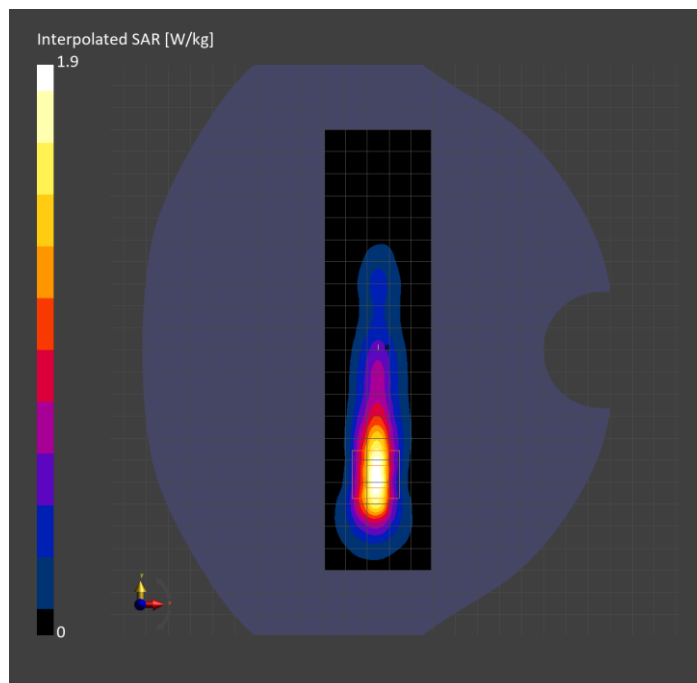
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		73.0
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.90 [-25.3, -61.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.700	0.698
psSAR10g [W/Kg]	0.267	0.265
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 48	TSL Permittivity	40.2
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.86
Group UID	LTE-TDD 10512-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.88	Test Distance [mm]	0.00

Hardware Setup

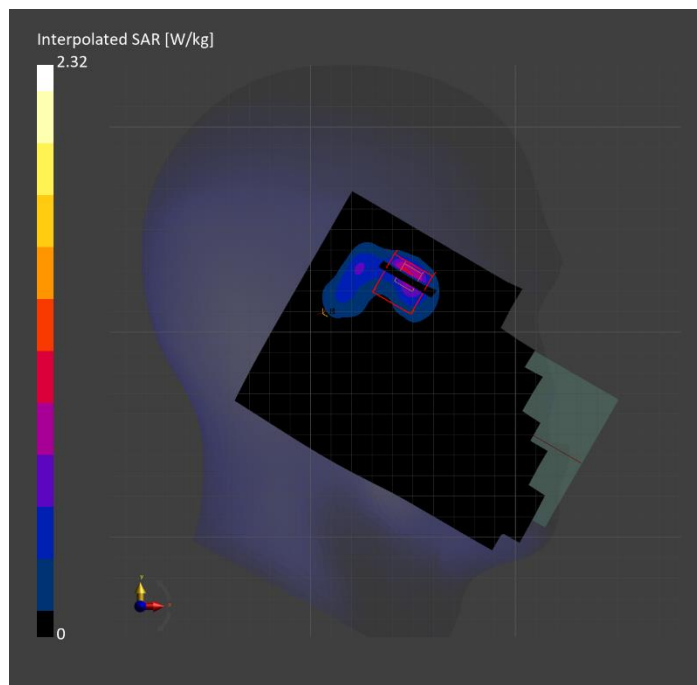
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.6
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.32 [48.1, 329.0, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.679	0.728
psSAR10g [W/Kg]	0.254	0.253
Power Drift [dB]	N/A	-0.01



Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band 53	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.92
Group UID	LTE-TDD 10237-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.22	Test Distance [mm]	0.00

Hardware Setup

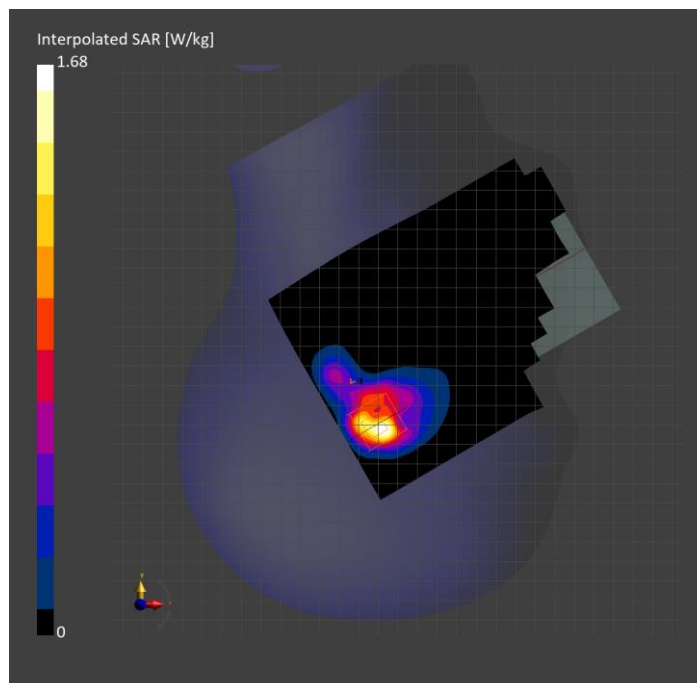
Probe Calibration Date	EX3DV4 - SN3929 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		73.4
Dist 3dB Peak [mm]		5.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.68 [17.4, -331.1, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.496	0.588
psSAR10g [W/Kg]	0.231	0.222
Power Drift [dB]	N/A	0.05



Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 53	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.92
Group UID	LTE-TDD 10237-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.22	Test Distance [mm]	5.00

Hardware Setup

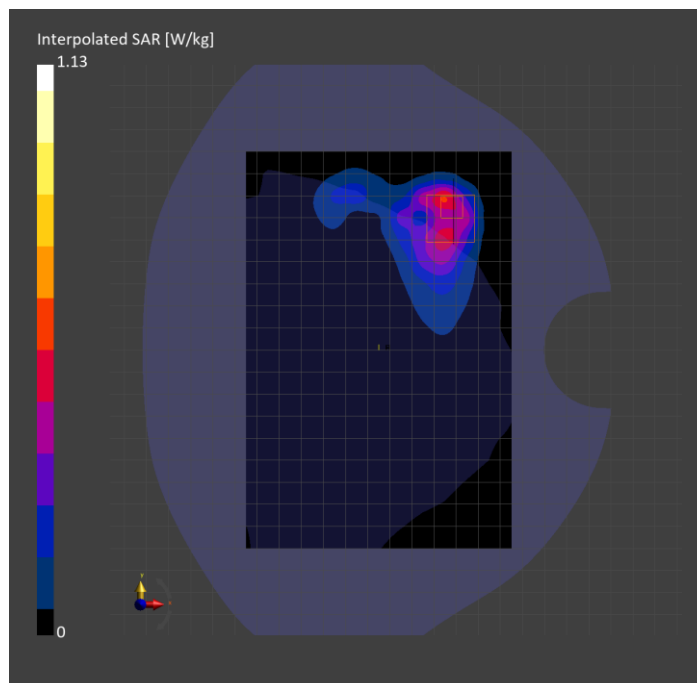
Probe Calibration Date	EX3DV4 - SN3929 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.5
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.13 [9.0, 63.0, -209.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.409	0.457
psSAR10g [W/Kg]	0.214	0.190
Power Drift [dB]	N/A	0.05



Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 53	TSL Permittivity	38.1
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.76
Group UID	LTE-TDD 10237-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.92	Test Distance [mm]	5.00

Hardware Setup

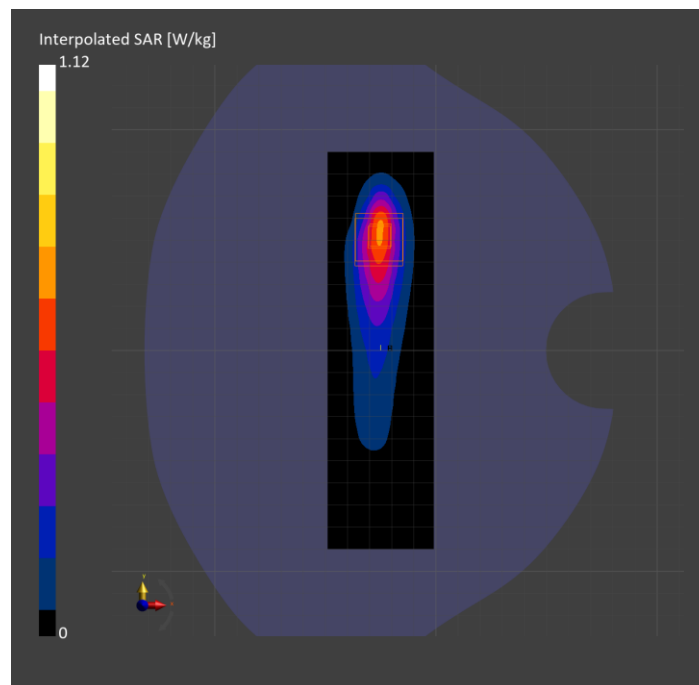
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.1
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.12 [-25.5, 55.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.503	0.527
psSAR10g [W/Kg]	0.229	0.238
Power Drift [dB]	-0.00	0.02



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

Exposure Conditions

Band	Band 66	TSL Permittivity	38.1
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.33
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.49	Test Distance [mm]	5.00

Hardware Setup

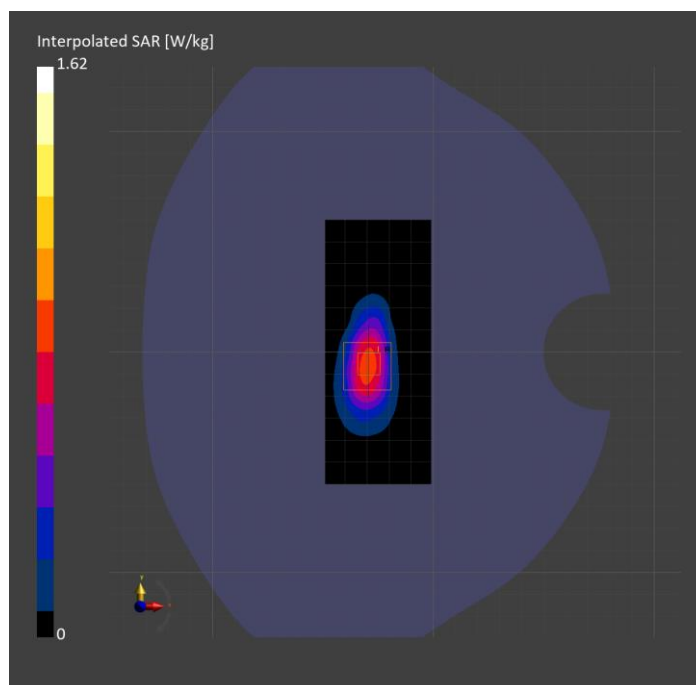
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 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 [%]		80.4
Dist 3dB Peak [mm]		7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.62 [-29.2, -5.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.724	0.778
psSAR10g [W/Kg]	0.357	0.364
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 66	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.30
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.53	Test Distance [mm]	0.00

Hardware Setup

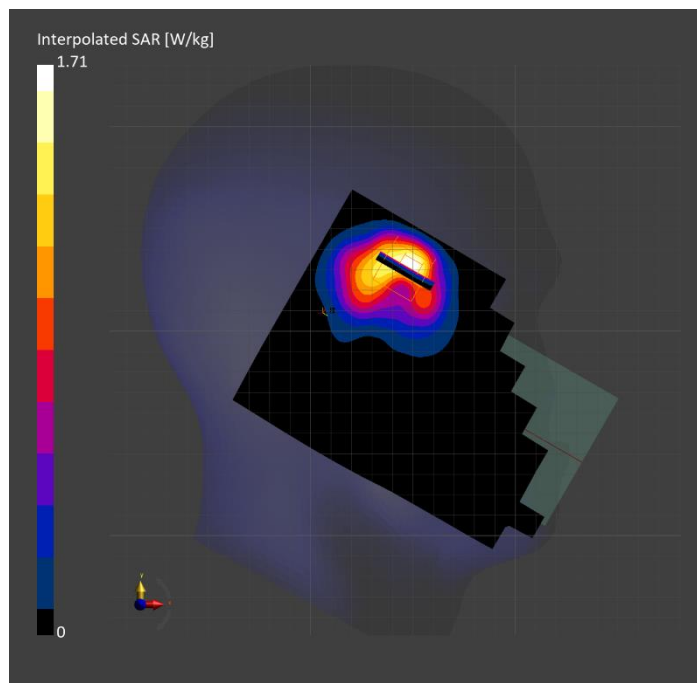
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		6.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [47.8, 331.9, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.650	0.800
psSAR10g [W/Kg]	0.356	0.378
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 66	TSL Permittivity	42.7
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.49	Test Distance [mm]	5.00

Hardware Setup

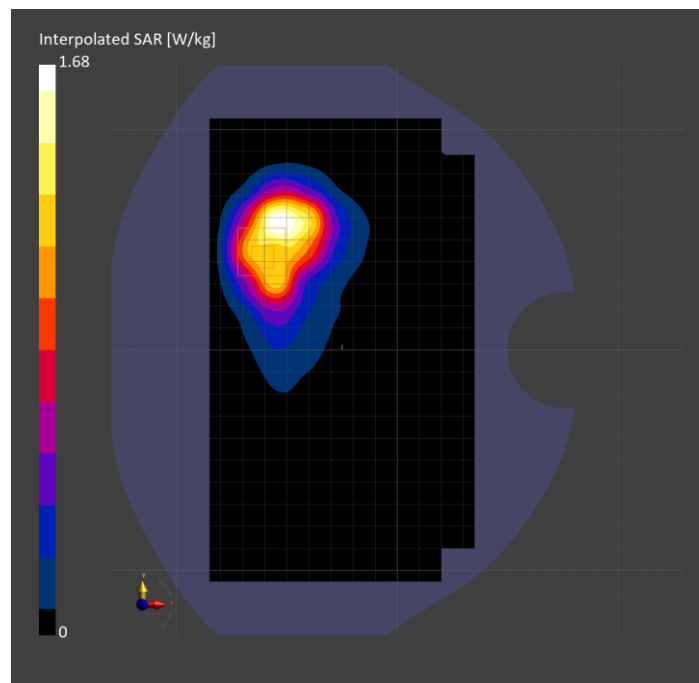
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.68 [-60.3, 42.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.718	0.800
psSAR10g [W/Kg]	0.412	0.391
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

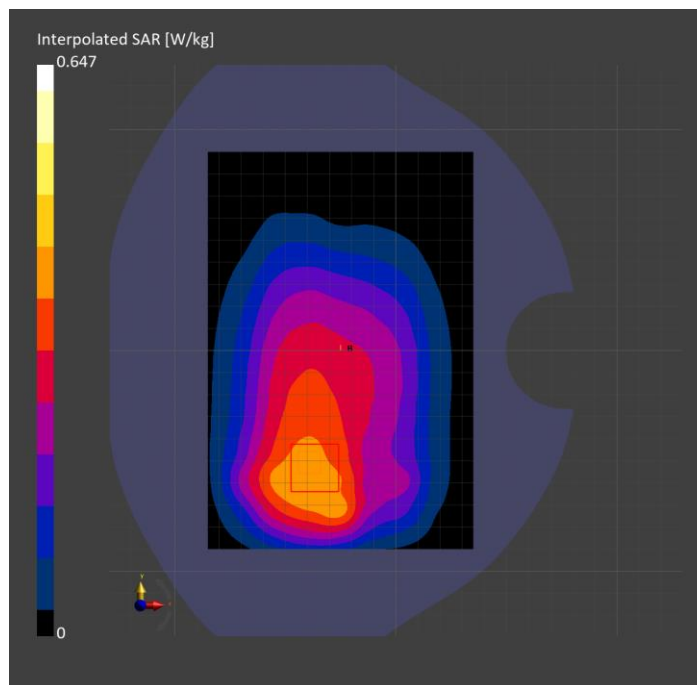
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.6
Dist 3dB Peak [mm]		10.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.647 [-34.8, -75.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.365	0.361
psSAR10g [W/Kg]	0.260	0.253
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

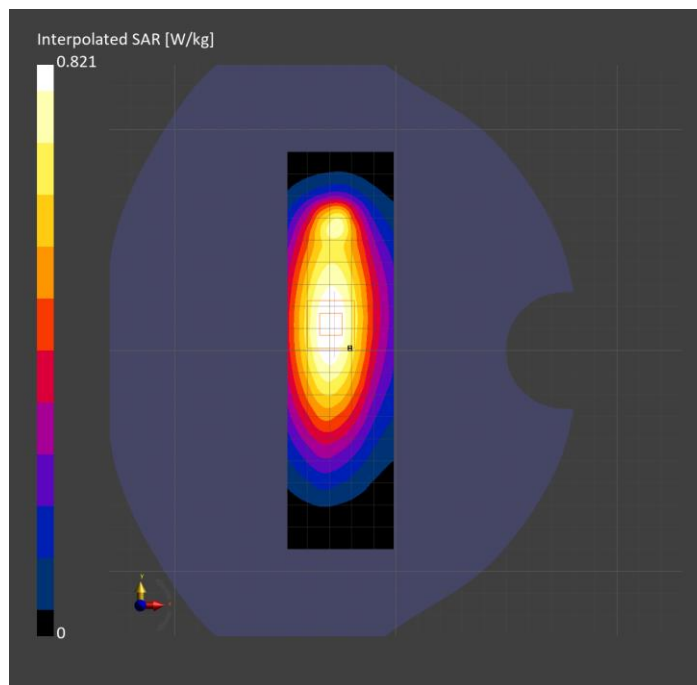
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		87.6
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.821 [-27.7, 9.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.541	0.535
psSAR10g [W/Kg]	0.370	0.356
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.8
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.855
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

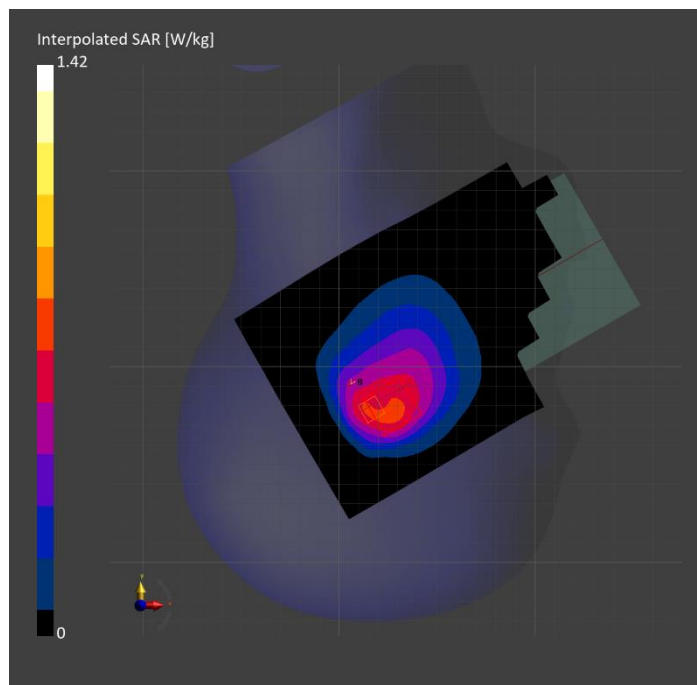
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		74.4
Dist 3dB Peak [mm]		9.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.42 [9.7, -324.0, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.649	0.672
psSAR10g [W/Kg]	0.449	0.430
Power Drift [dB]	N/A	-0.03



**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	44.4
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.900
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.63	Test Distance [mm]	0.00

Hardware Setup

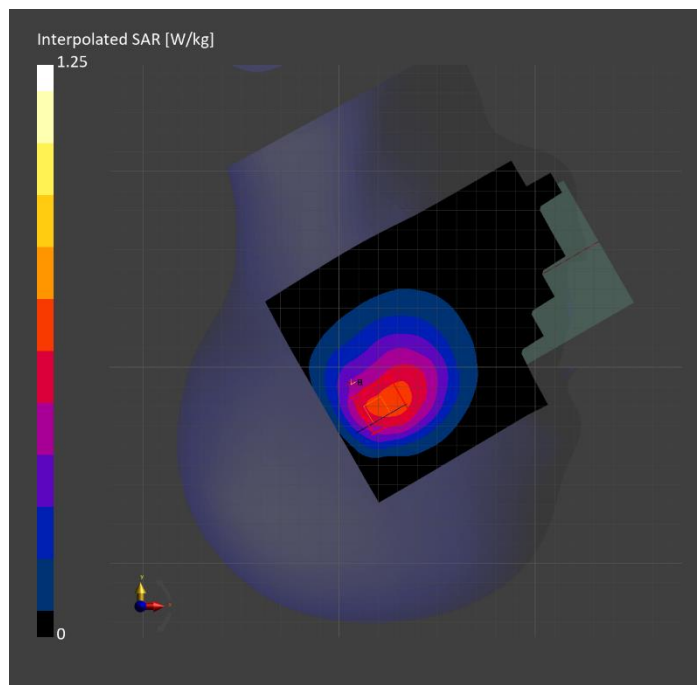
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.25 [18.4, -327.6, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.579	0.602
psSAR10g [W/Kg]	0.397	0.381
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	44.1
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.895
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.63	Test Distance [mm]	5.00

Hardware Setup

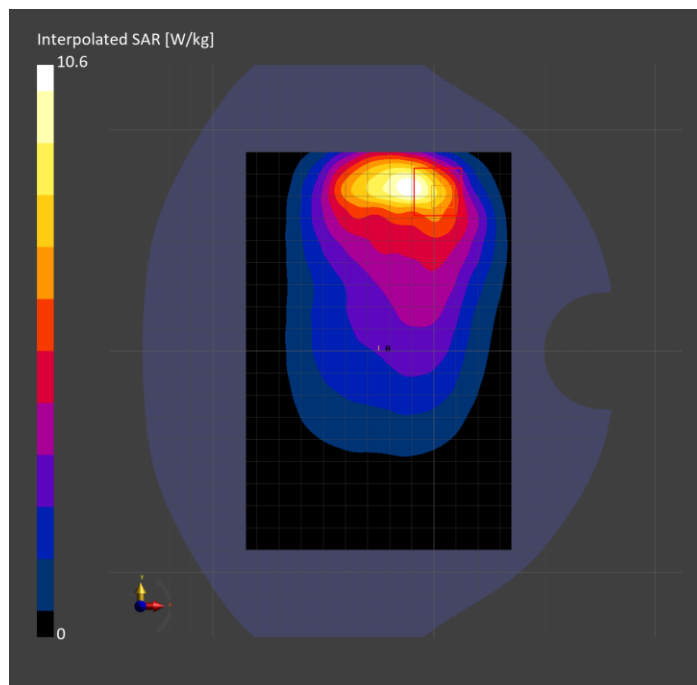
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.2
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.897 [2.9, 71.7, -207.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.497	0.405
psSAR10g [W/Kg]	0.311	0.124
Power Drift [dB]	N/A	-0.12



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

Exposure Conditions

Band	Band n5	TSL Permittivity	41.8
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.922
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

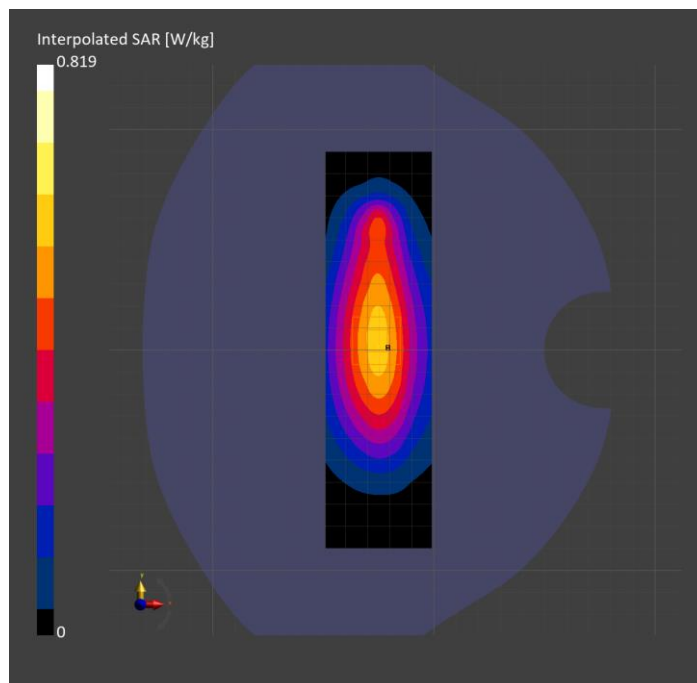
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.0
Dist 3dB Peak [mm]		16.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.819 [-24.7, 2.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.508	0.516
psSAR10g [W/Kg]	0.336	0.337
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n7	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.85
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

Hardware Setup

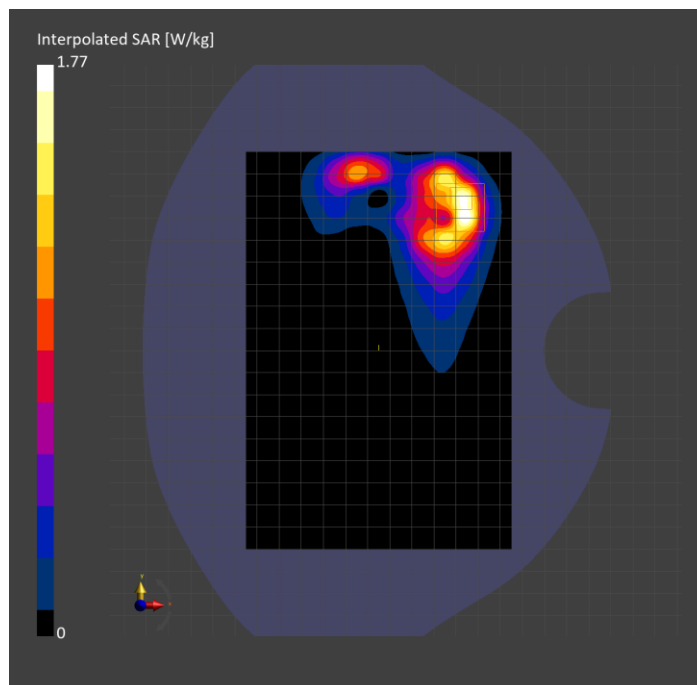
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.2
Dist 3dB Peak [mm]		5.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.78 [11.9, 68.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.631	0.718
psSAR10g [W/Kg]	0.304	0.307
Power Drift [dB]	N/A	-0.13



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

Exposure Conditions

Band	Band n7	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.93
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

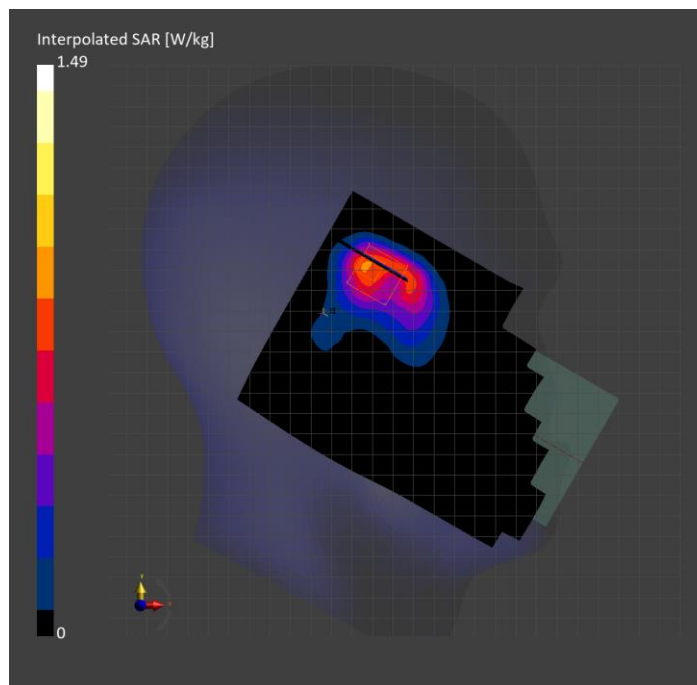
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.9
Dist 3dB Peak [mm]		9.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.49 [33.0, 334.7, -174.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.690	0.743
psSAR10g [W/Kg]	0.358	0.362
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band n7	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.89
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

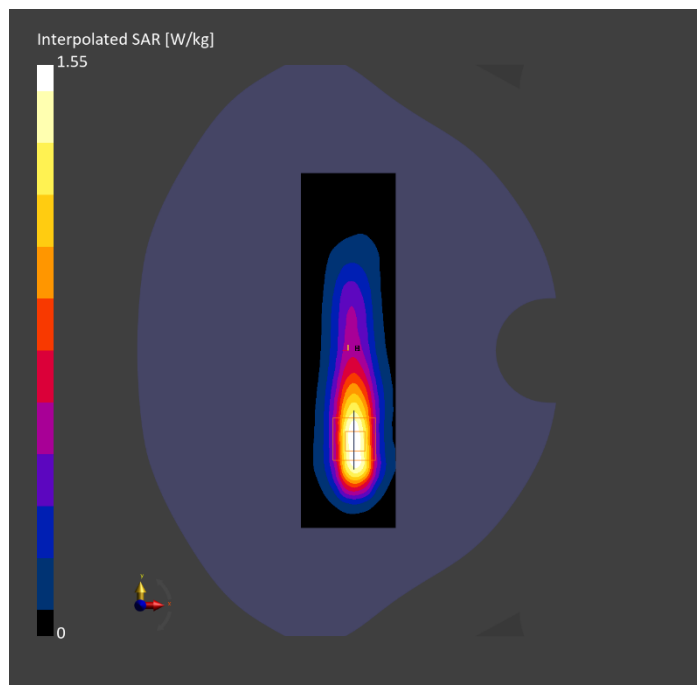
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.55 [-21.8, -45.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.755
psSAR10g [W/Kg]	0.346	0.352
Power Drift [dB]	N/A	0.01



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

Exposure Conditions

Band	Band n12	TSL Permittivity	39.8
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.900
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

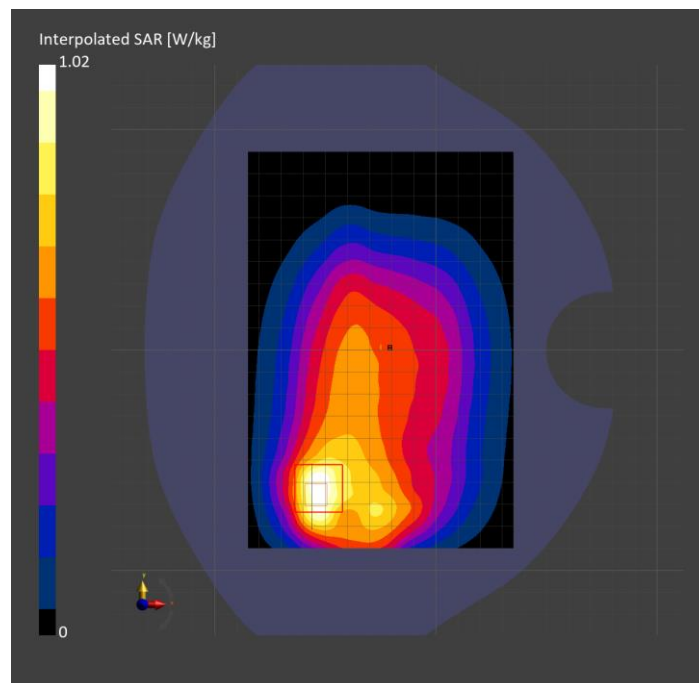
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.6
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.02 [-55.9, -67.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.494	0.506
psSAR10g [W/Kg]	0.322	0.295
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n12	TSL Permittivity	39.5
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.850
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

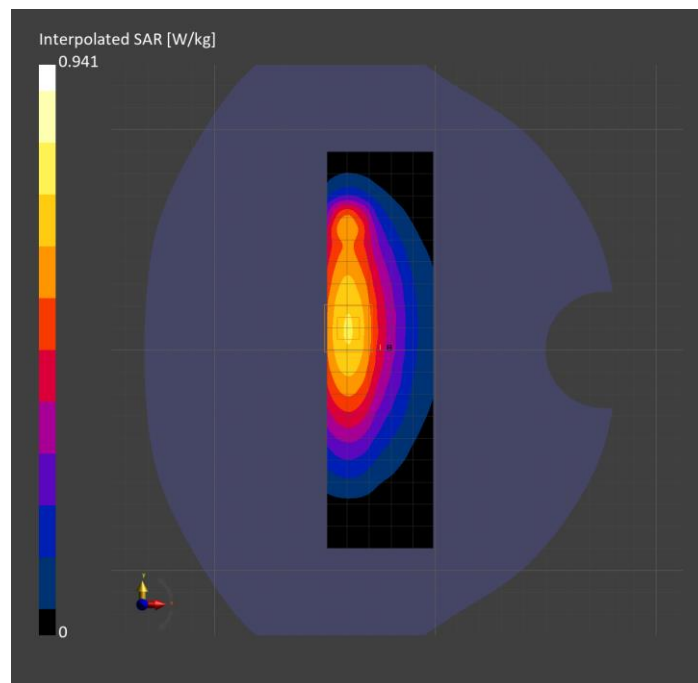
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		88.0
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.941 [-38.3, 5.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.616
psSAR10g [W/Kg]	0.417	0.411
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n12	TSL Permittivity	44.7
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.845
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.27	Test Distance [mm]	0.00

Hardware Setup

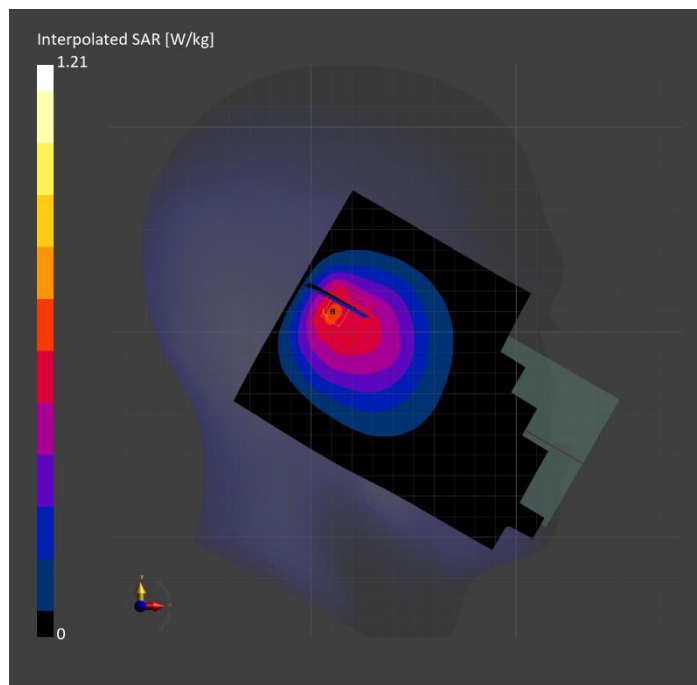
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		75.4
Dist 3dB Peak [mm]		8.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.21 [9.6, 315.1, -173.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.539	0.591
psSAR10g [W/Kg]	0.374	0.390
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n14	TSL Permittivity	44.2
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.879
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

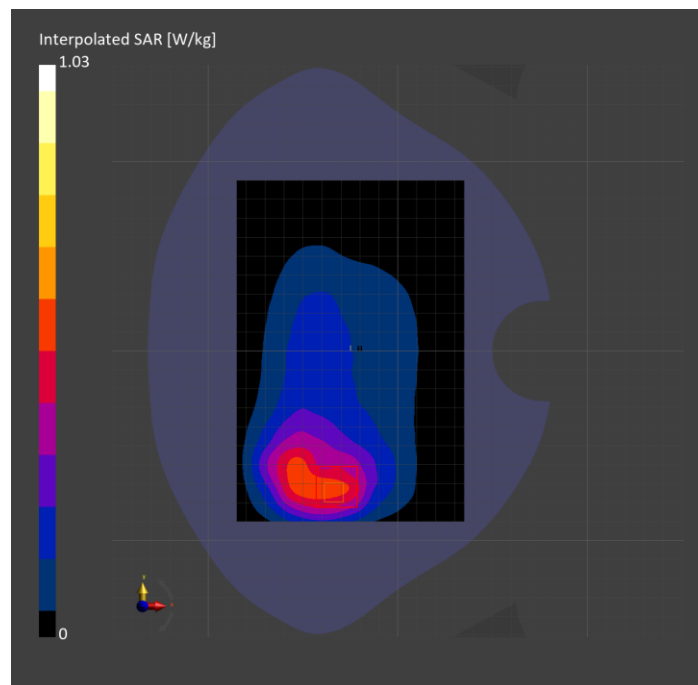
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.03 [-35.8, -76.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.502	0.483
psSAR10g [W/Kg]	0.337	0.266
Power Drift [dB]	N/A	-0.11



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

Exposure Conditions

Band	Band n14	TSL Permittivity	44.2
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.879
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.27	Test Distance [mm]	5.00

Hardware Setup

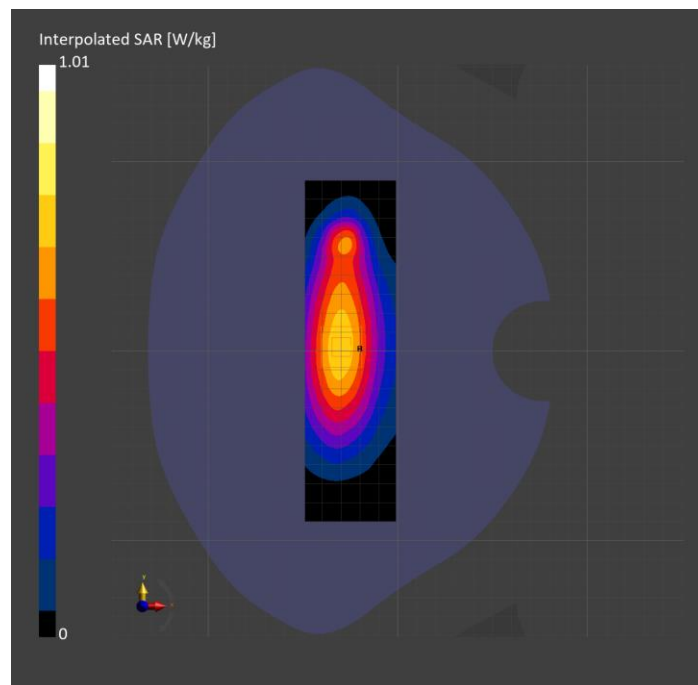
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		87.1
Dist 3dB Peak [mm]		17.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.01 [-30.2, -0.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.647	0.652
psSAR10g [W/Kg]	0.433	0.432
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n14	TSL Permittivity	39.2
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.882
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	9.63	Test Distance [mm]	0.00

Hardware Setup

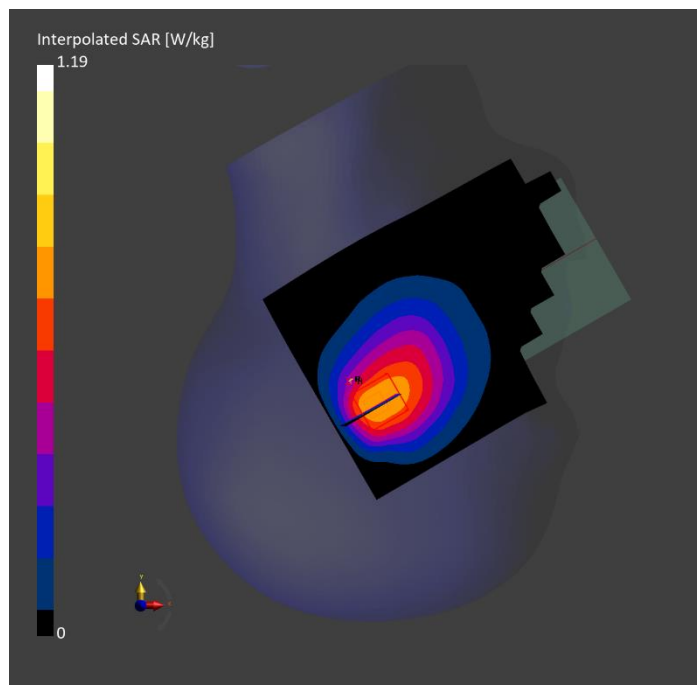
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.7
Dist 3dB Peak [mm]		8.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.19 [14.6, -323.8, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.679	0.672
psSAR10g [W/Kg]	0.464	0.431
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, CHEEK

Exposure Conditions

Band	Band n25	TSL Permittivity	38.1
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.41
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.98	Test Distance [mm]	0.00

Hardware Setup

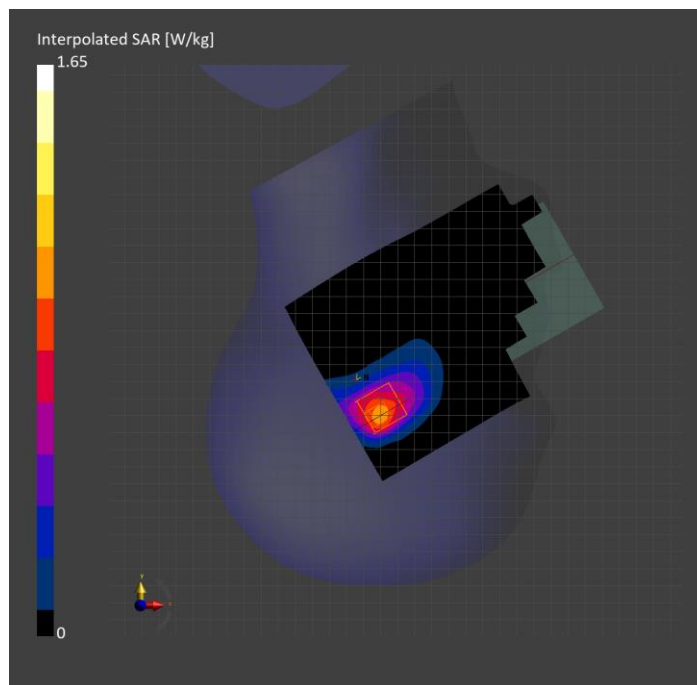
Probe Calibration Date	EX3DV4 - SN7850 2023-10-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2024-05-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.7
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.65 [15.6, -332.8, -174.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.828	0.780
psSAR10g [W/Kg]	0.458	0.433
Power Drift [dB]	-0.03	-0.01



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

Exposure Conditions

Band	Band n25	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.39
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

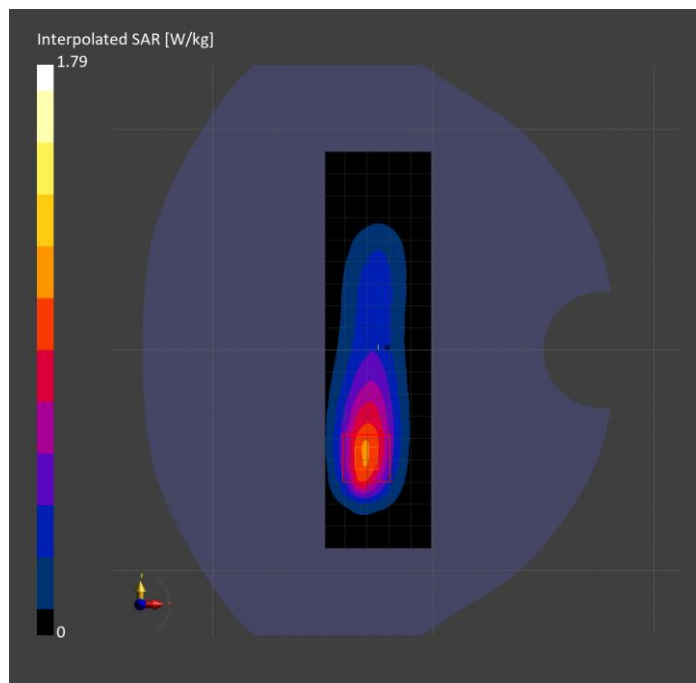
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.1
Dist 3dB Peak [mm]		8.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.79 [-29.5, -55.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.869	0.923
psSAR10g [W/Kg]	0.463	0.465
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n25	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.39
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.98	Test Distance [mm]	5.00

Hardware Setup

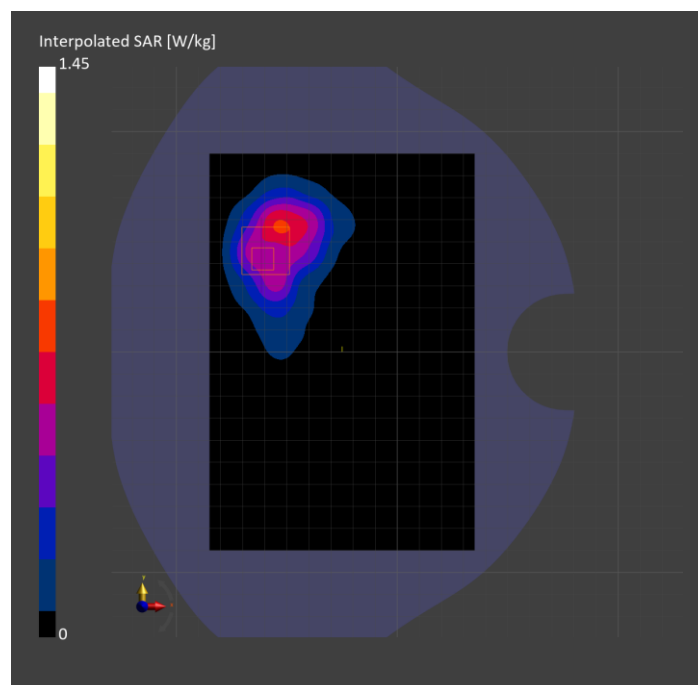
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		82.8
Dist 3dB Peak [mm]		6.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.45 [-61.5, 44.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.611	0.716
psSAR10g [W/Kg]	0.347	0.343
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n26	TSL Permittivity	39.9
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.911
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

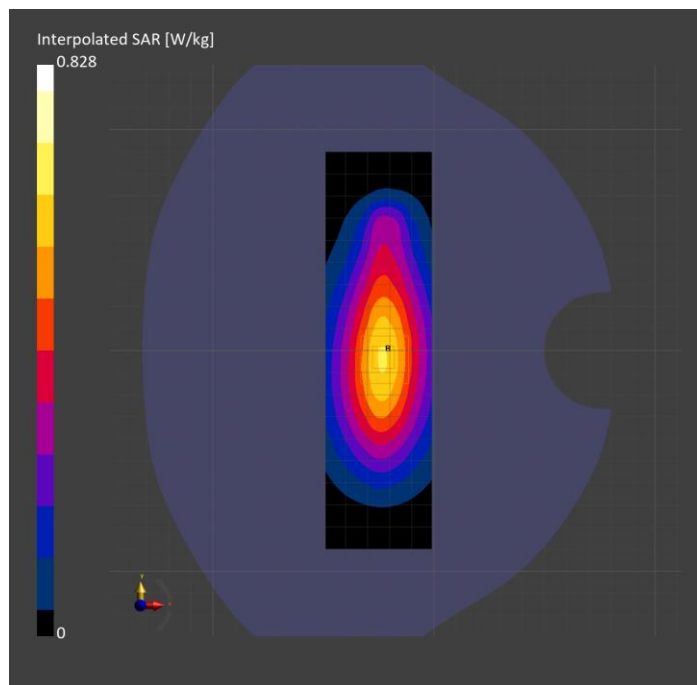
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		87.2
Dist 3dB Peak [mm]		17.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.828 [-23.5, -2.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.544	0.538
psSAR10g [W/Kg]	0.358	0.349
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n26	TSL Permittivity	40.3
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.930
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.03	Test Distance [mm]	0.00

Hardware Setup

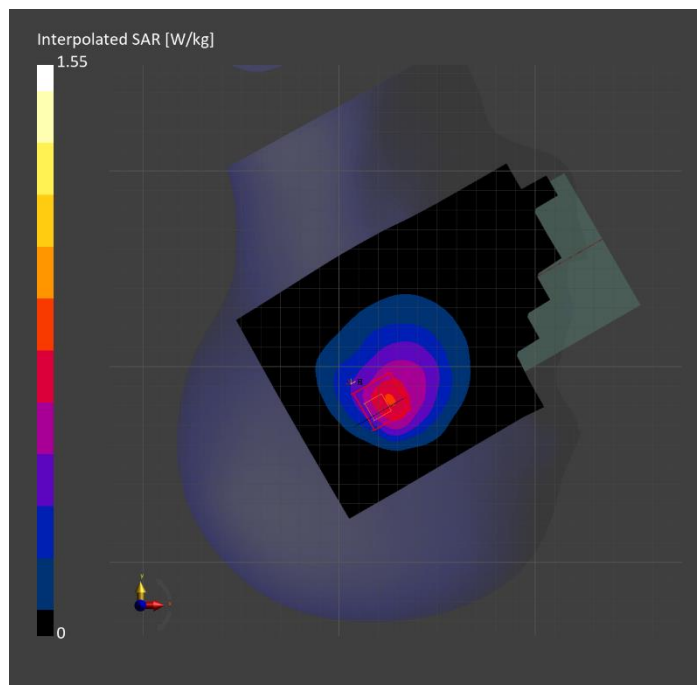
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.2
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.55 [18.1, -324.5, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.668	0.699
psSAR10g [W/Kg]	0.431	0.407
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n26	TSL Permittivity	40.3
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.930
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.03	Test Distance [mm]	5.00

Hardware Setup

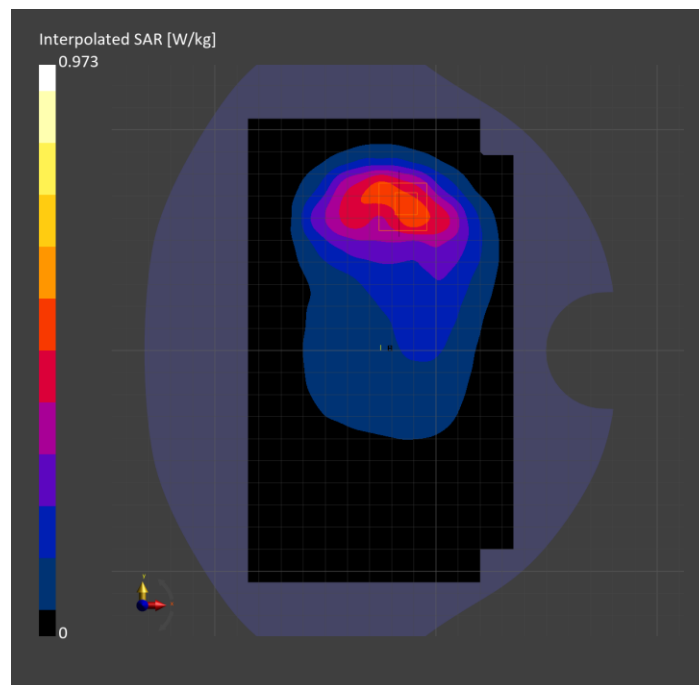
Probe Calibration Date	EX3DV4 - SN7448 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1784 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		78.7
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.973 [-16.5, 68.3, -206.4]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.465	0.500
psSAR10g [W/Kg]	0.310	0.285
Power Drift [dB]	N/A	0.04



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

Exposure Conditions

Band	Band n30	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.65
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.54	Test Distance [mm]	5.00

Hardware Setup

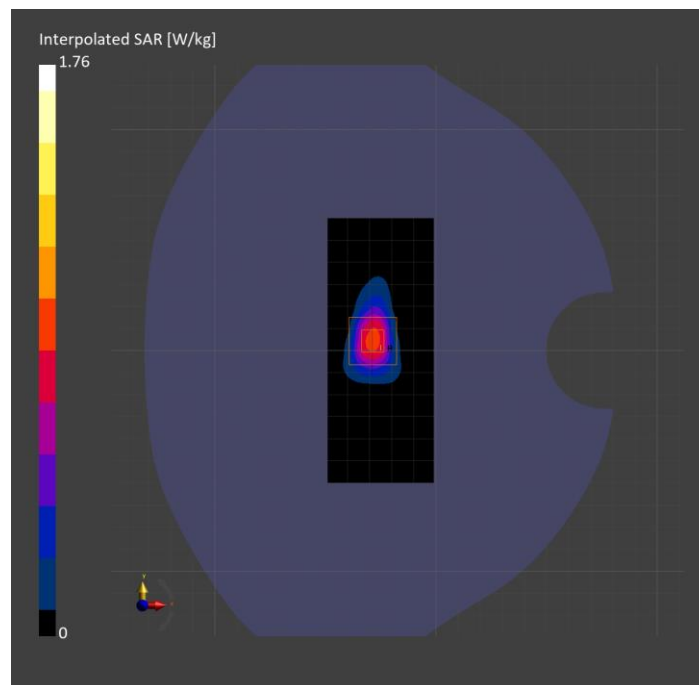
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.1
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.76 [-28.7, 4.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.752
psSAR10g [W/Kg]	0.303	0.300
Power Drift [dB]	N/A	-0.00



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	41.5
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.65
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.54	Test Distance [mm]	5.00

Hardware Setup

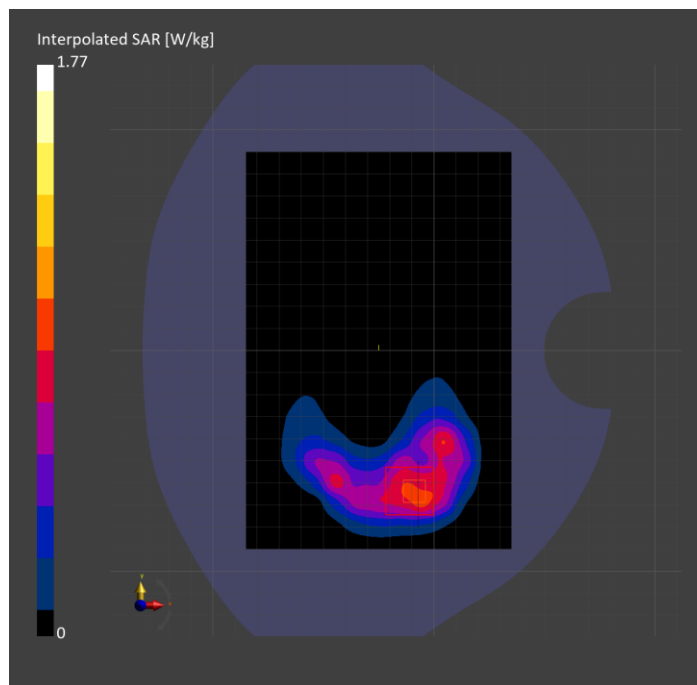
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.9
Dist 3dB Peak [mm]		7.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.77 [-7.0, -64.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.776	0.835
psSAR10g [W/Kg]	0.425	0.422
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n30	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.62
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.54	Test Distance [mm]	0.00

Hardware Setup

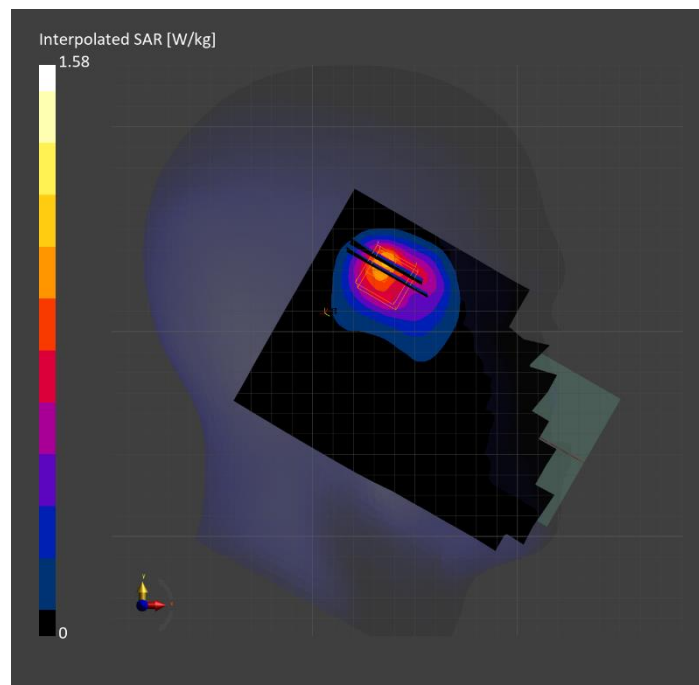
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2024-04-10	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		80.4	83.4
Dist 3dB Peak [mm]		7.5	7.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.58 [35.8, 336.9, -176.0]	1.55 [30.5, 333.9, -176.1]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.829	0.813	0.820
psSAR10g [W/Kg]	0.435	0.426	0.435
Power Drift [dB]	-0.33	-0.07	-0.12



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

Exposure Conditions

Band	Band n41	TSL Permittivity	37.2
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.90
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

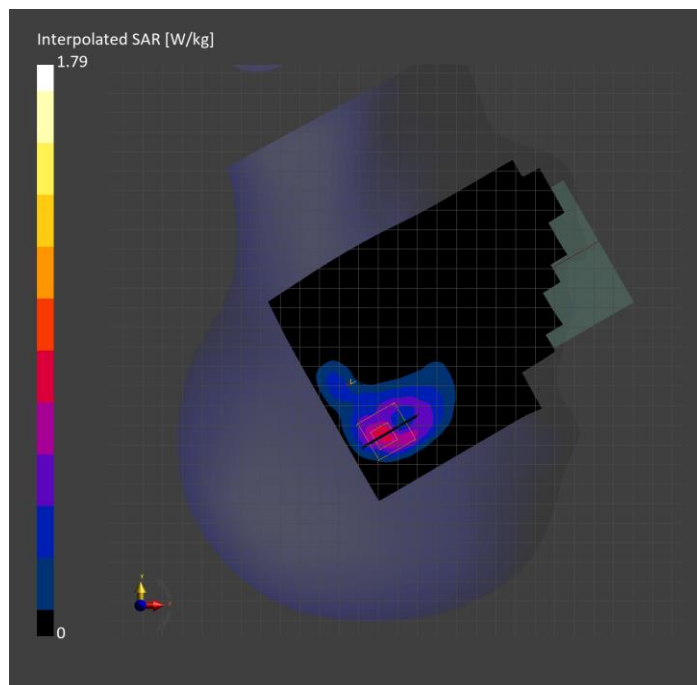
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.1 x 4.1 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.3
Dist 3dB Peak [mm]		5.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.79 [23.0, -336.1, -174.2]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.606	0.662
psSAR10g [W/Kg]	0.283	0.275
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	Band n41	TSL Permittivity	41.6
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.94
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.4	Test Distance [mm]	5.00

Hardware Setup

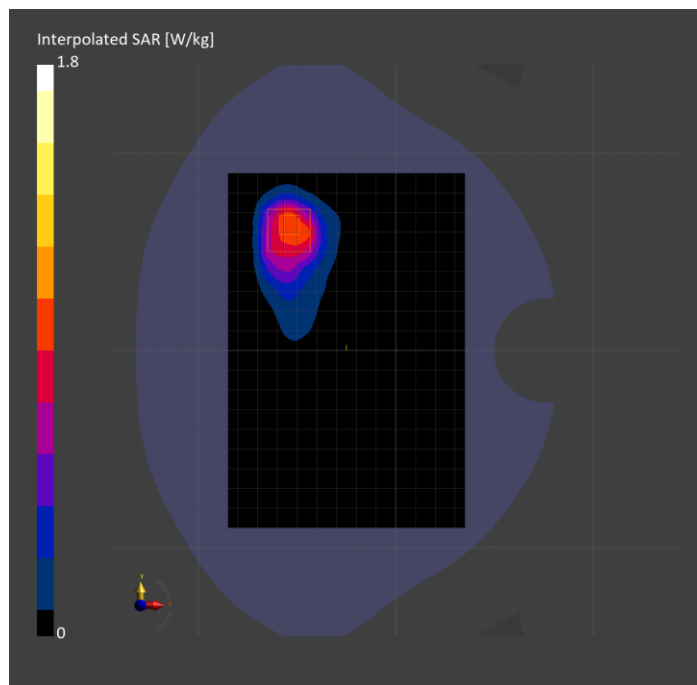
Probe Calibration Date	EX3DV4 - SN7335 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2024-04-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.3
Dist 3dB Peak [mm]		9.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.80 [-56.5, 65.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.819	0.832
psSAR10g [W/Kg]	0.433	0.421
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band n48	TSL Permittivity	38.2
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.88
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

Hardware Setup

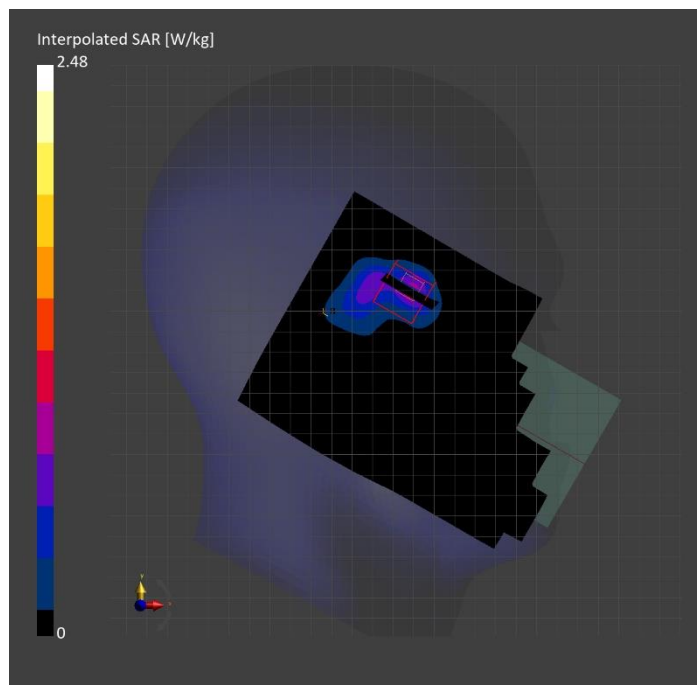
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.1
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.48 [49.4, 322.8, -174.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.755
psSAR10g [W/Kg]	0.263	0.269
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, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	36.8
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.89
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

Hardware Setup

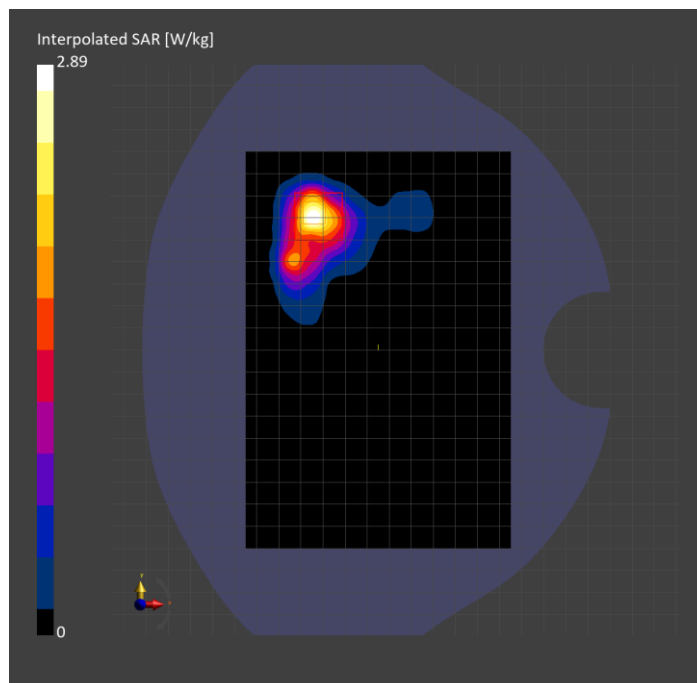
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		68.4
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.89 [-55.5, 64.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.827	0.885
psSAR10g [W/Kg]	0.332	0.323
Power Drift [dB]	N/A	-0.18



**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	38.1
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.76
Group UID	5G NR FR1 TDD 10908-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.92	Test Distance [mm]	0.00

Hardware Setup

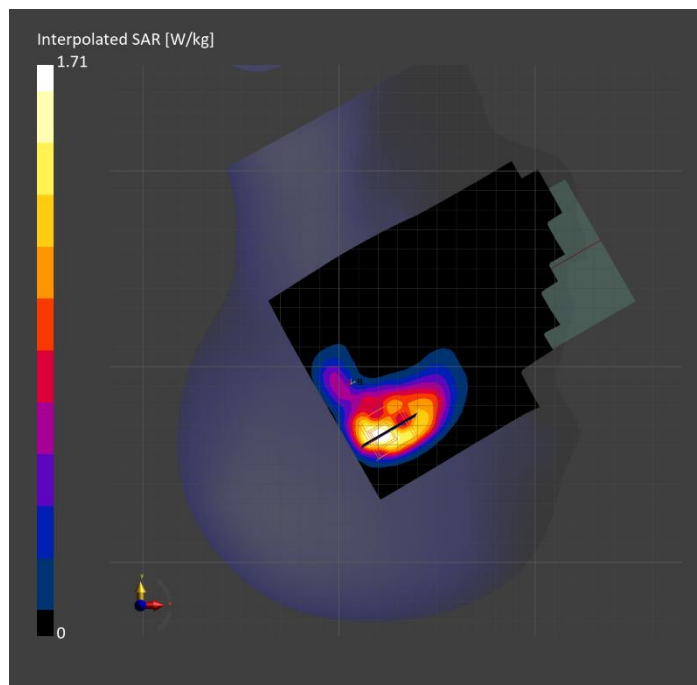
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.1 x 4.1 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.0
Dist 3dB Peak [mm]		5.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [21.3, -336.2, -174.1]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.593	0.666
psSAR10g [W/Kg]	0.287	0.281
Power Drift [dB]	0.03	0.03



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

Exposure Conditions

Band	Band n53	TSL Permittivity	39.9
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.76
Group UID	5G NR FR1 TDD 10908-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	5.00

Hardware Setup

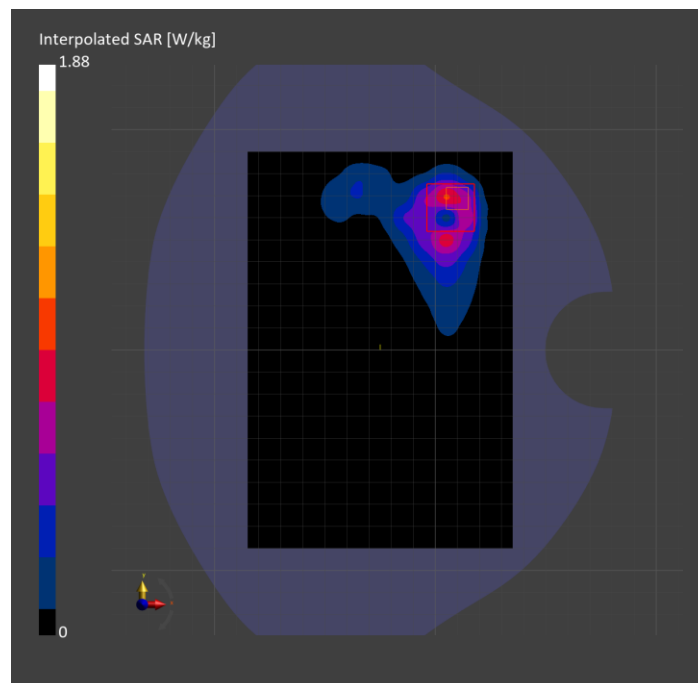
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.1
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.88 [8.5, 68.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.659	0.767
psSAR10g [W/Kg]	0.322	0.326
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n66	TSL Permittivity	40.4
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.84	Test Distance [mm]	0.00

Hardware Setup

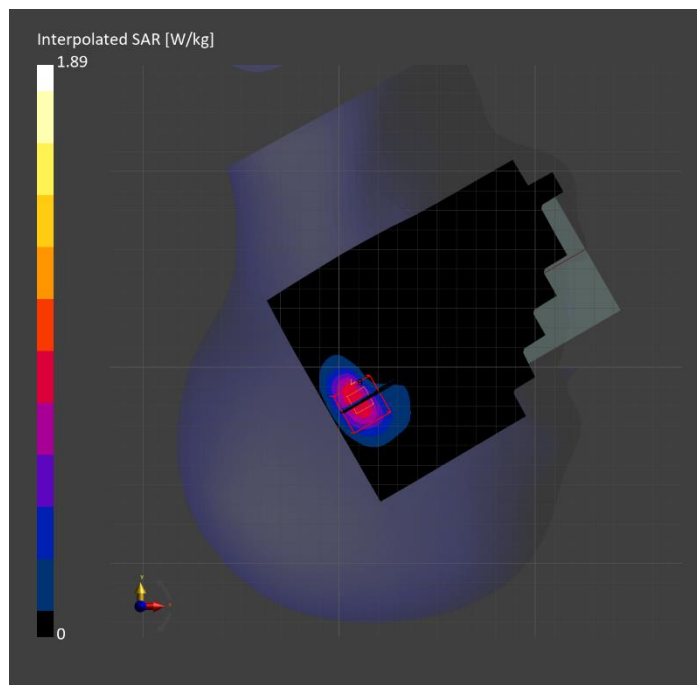
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		4.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.89 [11.3, -315.3, -173.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.732	0.792
psSAR10g [W/Kg]	0.371	0.361
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n66	TSL Permittivity	38.5
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.33
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

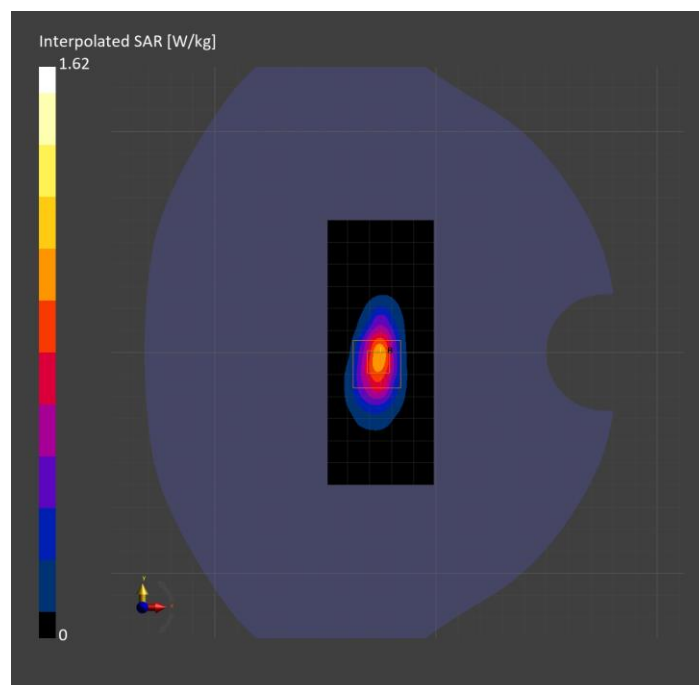
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		81.6
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.62 [-25.0, -3.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.799	0.783
psSAR10g [W/Kg]	0.367	0.356
Power Drift [dB]	N/A	-0.09



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	42.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.31
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.49	Test Distance [mm]	5.00

Hardware Setup

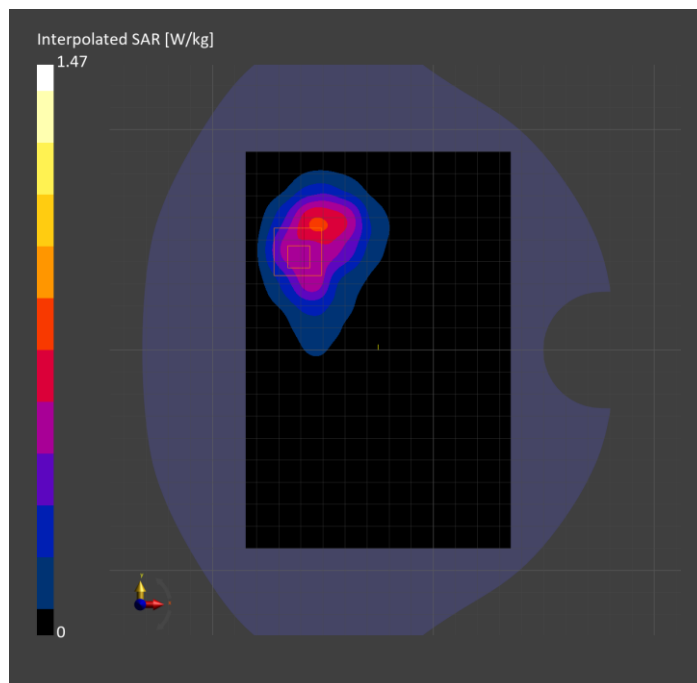
Probe Calibration Date	EX3DV4 - SN7569 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.47 [-58.5, 40.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.625	0.723
psSAR10g [W/Kg]	0.362	0.350
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n70	TSL Permittivity	38.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

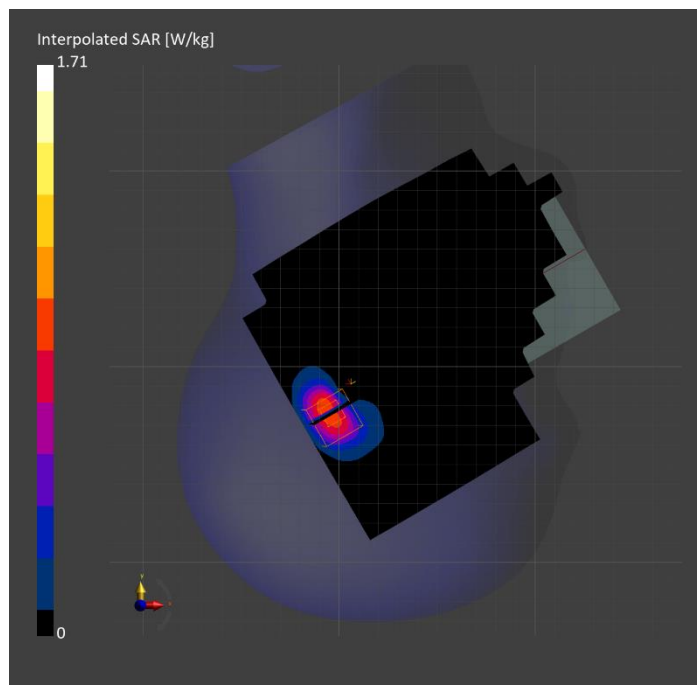
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		81.1
Dist 3dB Peak [mm]		6.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.71 [-4.7, -321.3, -171.9]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.762	0.796
psSAR10g [W/Kg]	0.387	0.367
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n70	TSL Permittivity	38.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

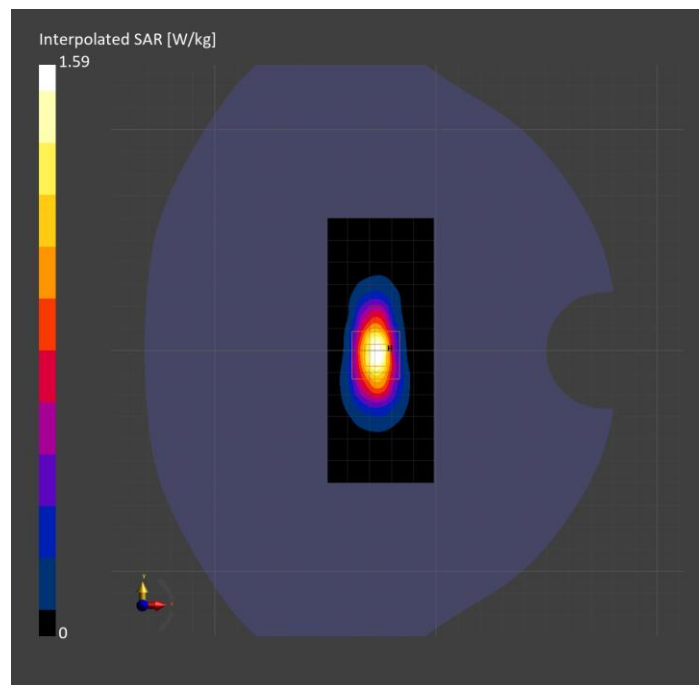
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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	5.6 x 5.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.59 [-27.8, -1.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.777	0.768
psSAR10g [W/Kg]	0.359	0.348
Power Drift [dB]	N/A	0.00



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

Exposure Conditions

Band	Band n70	TSL Permittivity	41.9
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

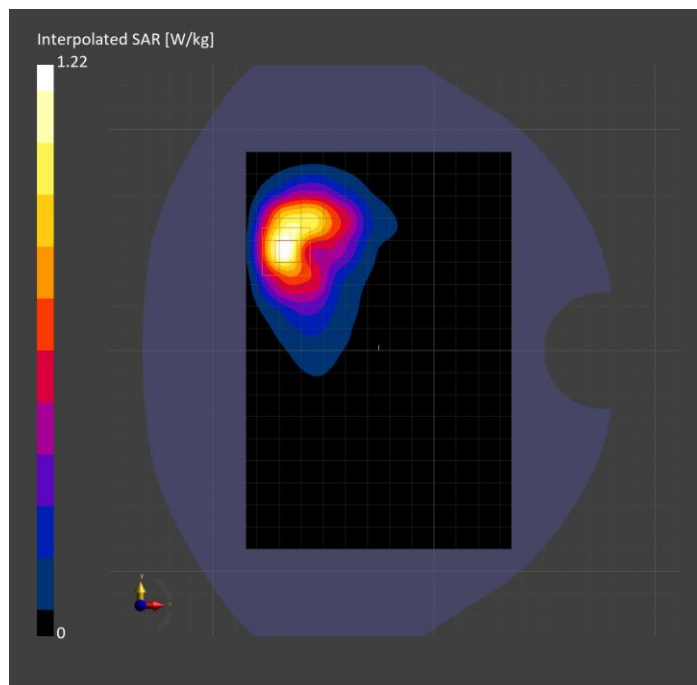
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.0
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [-65.2, 43.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.580	0.611
psSAR10g [W/Kg]	0.324	0.298
Power Drift [dB]	N/A	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	39.6
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.841
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

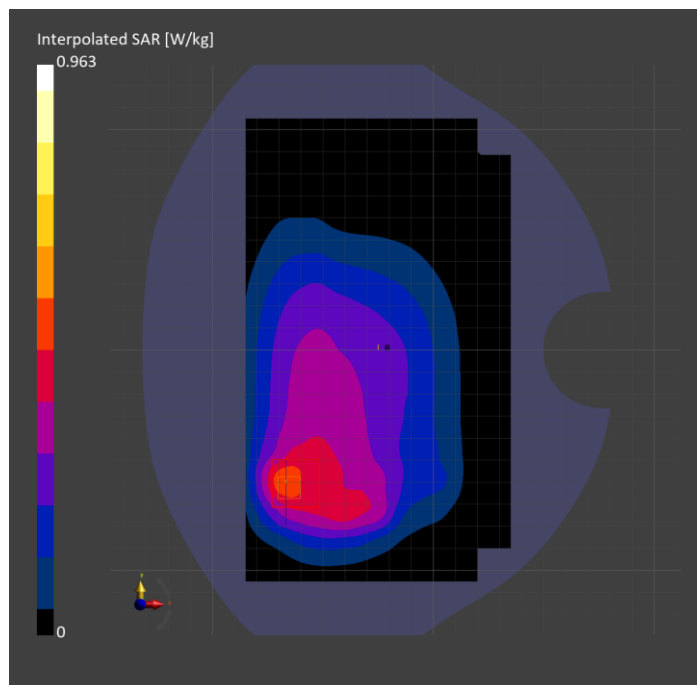
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		77.6
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.963 [-66.6, -63.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.464	0.471
psSAR10g [W/Kg]	0.307	0.280
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n71	TSL Permittivity	39.6
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.841
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.63	Test Distance [mm]	5.00

Hardware Setup

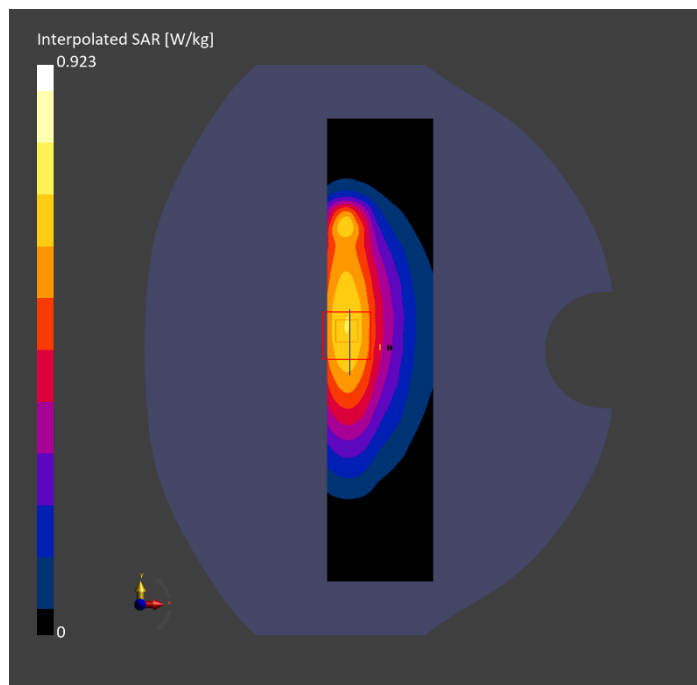
Probe Calibration Date	EX3DV4 - SN7589 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2023-06-13	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		87.4
Dist 3dB Peak [mm]		23.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.923 [-38.6, 0.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.605	0.596
psSAR10g [W/Kg]	0.405	0.396
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n71	TSL Permittivity	45.0
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.846
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.27	Test Distance [mm]	0.00

Hardware Setup

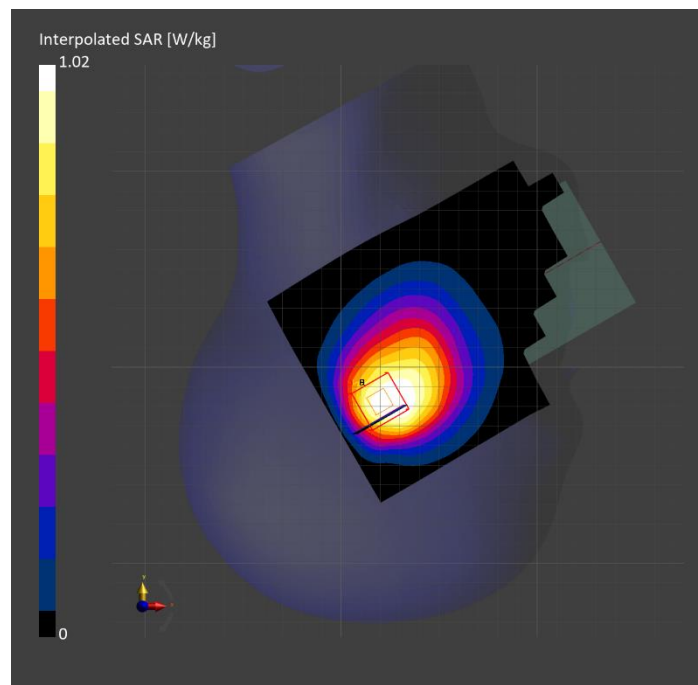
Probe Calibration Date	EX3DV4 - SN7482 2024-04-15	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.2
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.02 [16.7, -327.5, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.530	0.535
psSAR10g [W/Kg]	0.369	0.338
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, CHEEK

Exposure Conditions

Band	Band n77	TSL Permittivity	35.8
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.94
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	RightHead HSL
Conversion Factor	6.91	Test Distance [mm]	0.00

Hardware Setup

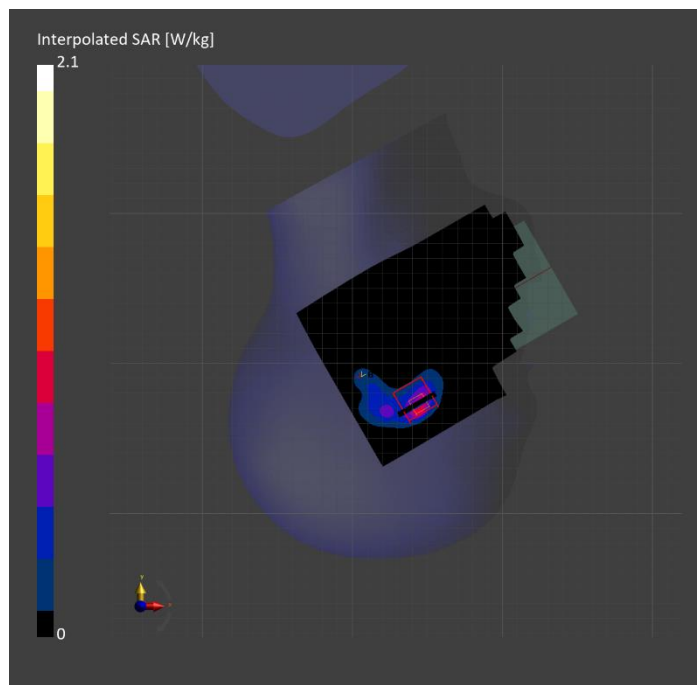
Probe Calibration Date	EX3DV4 - SN7356 2024-03-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2023-09-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.1 x 4.1 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.7
Dist 3dB Peak [mm]		5.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.10 [43.3, -330.4, -174.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.658	0.719
psSAR10g [W/Kg]	0.259	0.250
Power Drift [dB]	N/A	-0.00



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	35.8
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	3.03
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.91	Test Distance [mm]	5.00

Hardware Setup

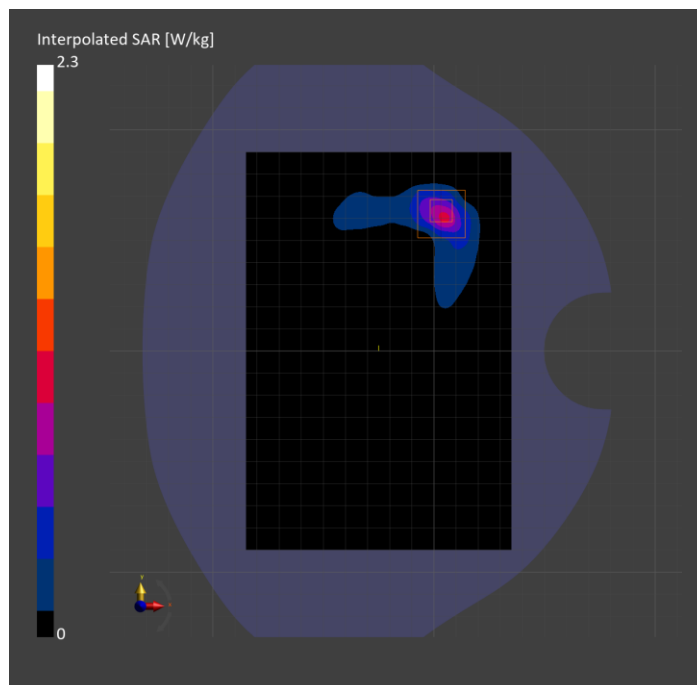
Probe Calibration Date	EX3DV4 - SN7356 2024-03-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2023-09-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.6
Dist 3dB Peak [mm]		5.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.30 [3.3, 63.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.689	0.790
psSAR10g [W/Kg]	0.255	0.261
Power Drift [dB]	N/A	-0.11



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

Exposure Conditions

Band	Band n77	TSL Permittivity	35.3
Frequency [MHz] Channel Number	3858.030 657202	TSL Conductivity [S/m]	3.12
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.82	Test Distance [mm]	0.00

Hardware Setup

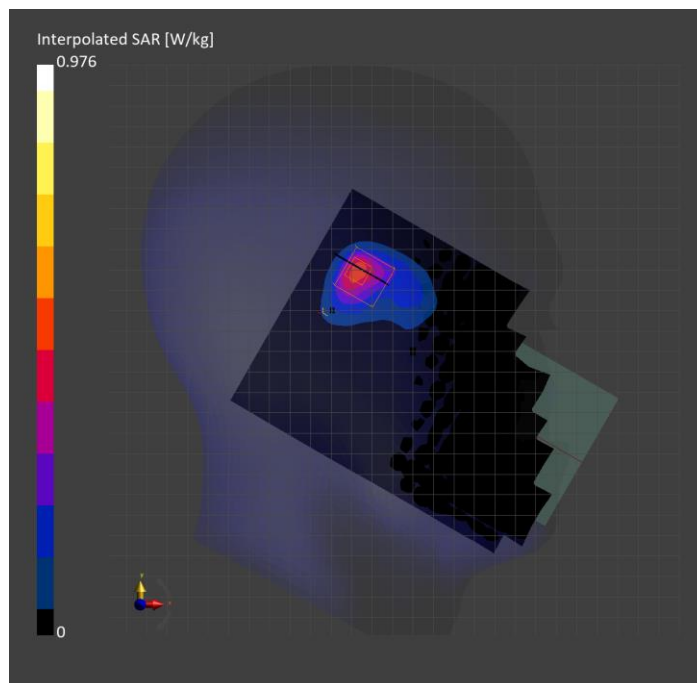
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.976 [23.1, 332.0, -177.8]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.386	0.398
psSAR10g [W/Kg]	0.155	0.157
Power Drift [dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n77	TSL Permittivity	39.2
Frequency [MHz] Channel Number	3858.030 657202	TSL Conductivity [S/m]	3.25
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.82	Test Distance [mm]	5.00

Hardware Setup

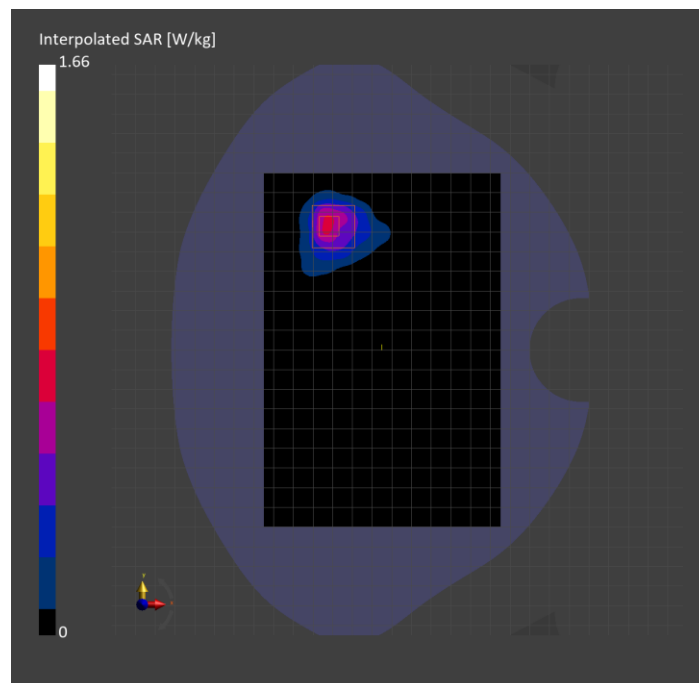
Probe Calibration Date	EX3DV4 - SN3991 2023-10-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.0
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.66 [-53.0, 65.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.545	0.591
psSAR10g [W/Kg]	0.230	0.244
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2417.000 2	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

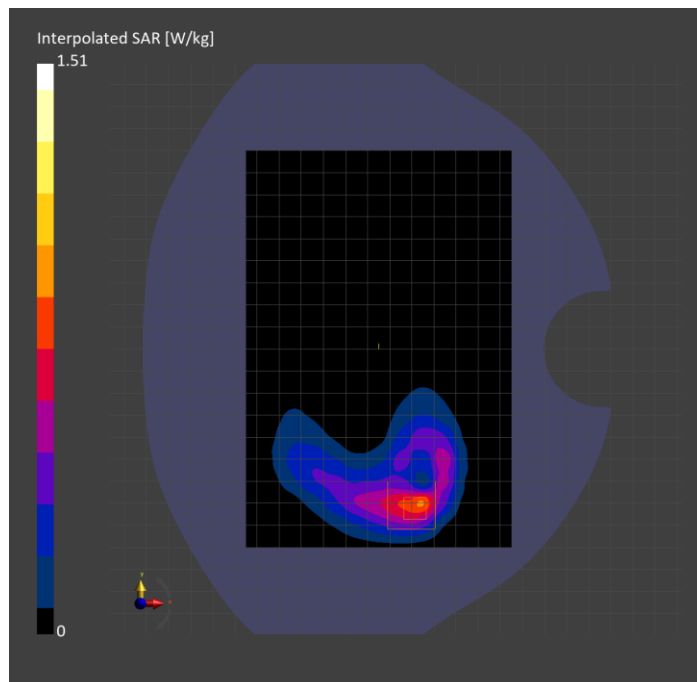
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.5
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.51 [-8.0, -72.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.649	0.690
psSAR10g [W/Kg]	0.303	0.312
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.2
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.71
Group UID	WLAN 10415-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.96	Test Distance [mm]	0.00

Hardware Setup

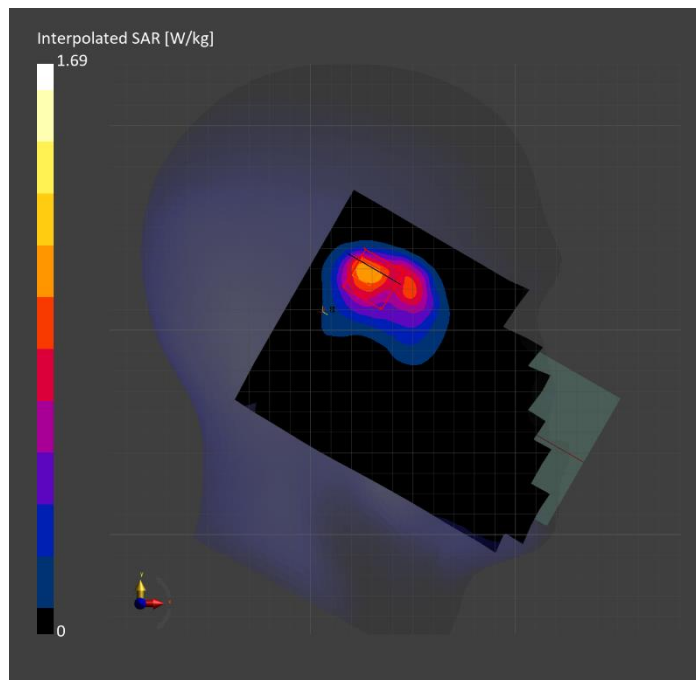
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.9
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.69 [29.9, 331.1, -174.7]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.852	0.863
psSAR10g [W/Kg]	0.424	0.417
Power Drift [dB]	N/A	0.15



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.76
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

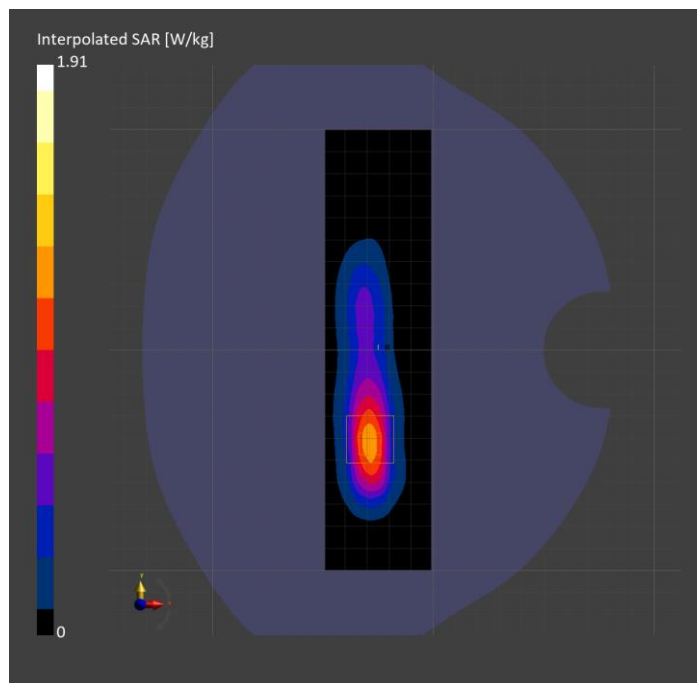
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [%]		80.6
Dist 3dB Peak [mm]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.90 [-29.0, -42.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.944	0.936
psSAR10g [W/Kg]	0.435	0.434
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.7
Frequency [MHz] Channel Number	5230.000 46	TSL Conductivity [S/m]	4.63
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.75	Test Distance [mm]	5.00

Hardware Setup

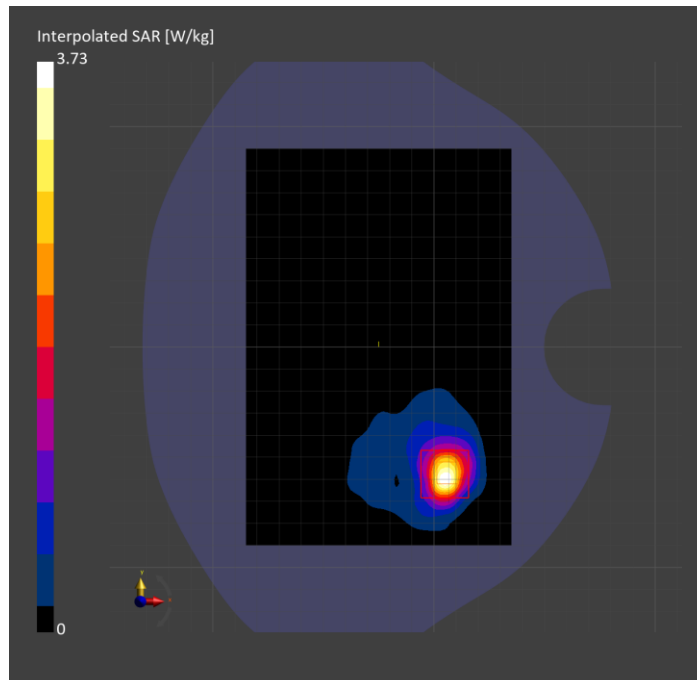
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		6.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.73 [6.6, -57.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.850	0.953
psSAR10g [W/Kg]	0.271	0.286
Power Drift [dB]	N/A	-0.06



U-NII-1, U-NII-2A: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	34.9
Frequency [MHz] Channel Number	5210.000 42	TSL Conductivity [S/m]	4.56
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.17	Test Distance [mm]	5.00

Hardware Setup

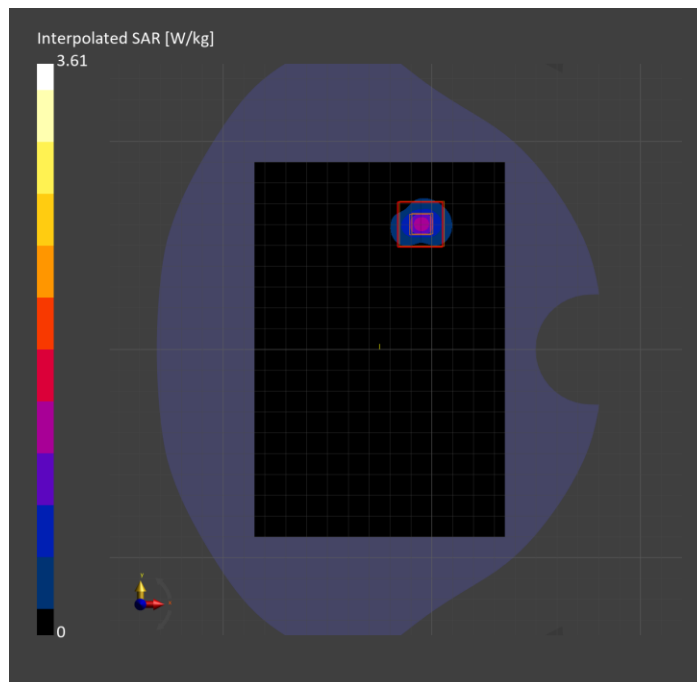
Probe Calibration Date	EX3DV4 - SN7779 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		66.1
Dist 3dB Peak [mm]		5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.61 [-5.2, 60.2, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.887	0.952
psSAR10g [W/Kg]	0.252	0.266
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.9
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.91
Group UID	WLAN 10544-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.23	Test Distance [mm]	0.00

Hardware Setup

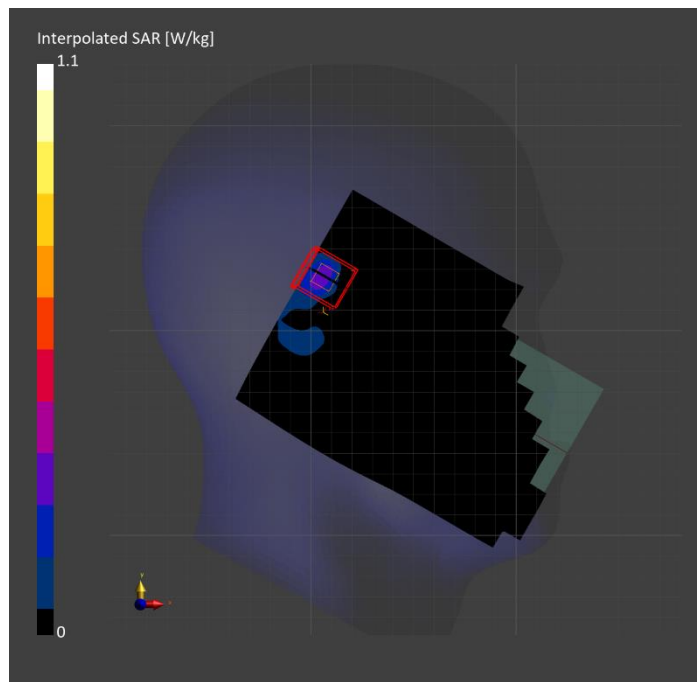
Probe Calibration Date	EX3DV4 - SN7501 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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	2.5 x 2.5 x 1.2
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		63.5	68.2
Dist 3dB Peak [mm]		4.1	4.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.10 [8.3, 325.2, -173.6]	1.07 [8.0, 324.8, -173.6]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.231	0.229	0.228
psSAR10g [W/Kg]	0.063	0.045	0.049
Power Drift [dB]	N/A	11.70	-0.23



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	36.0
Frequency [MHz] Channel Number	5570.000 114	TSL Conductivity [S/m]	4.93
Group UID	WLAN 10554-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	4.93	Test Distance [mm]	5.00

Hardware Setup

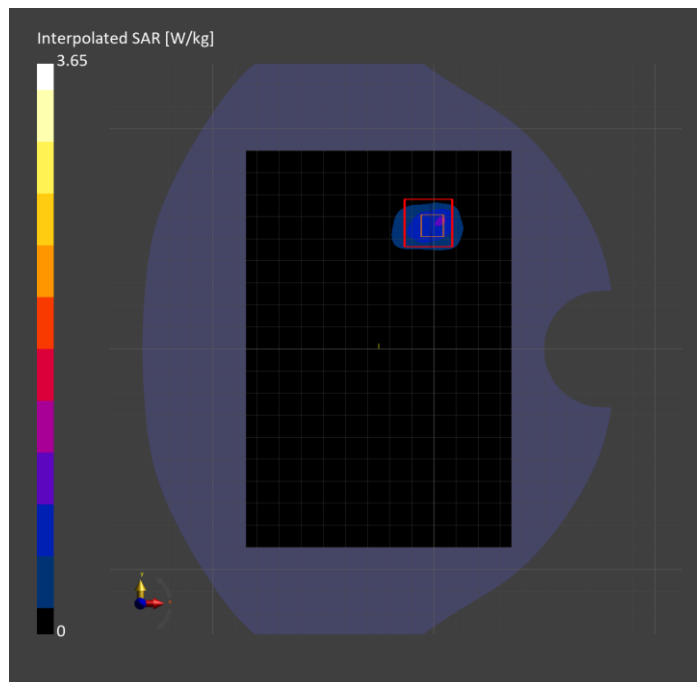
Probe Calibration Date	EX3DV4 - SN3902 2024-03-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		62.3	63.4
Dist 3dB Peak [mm]		5.7	5.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.59 [-1.5, 55.9, -208.1]	3.64 [-1.2, 55.9, -208.1]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.676	0.865	0.906
psSAR10g [W/Kg]	0.234	0.249	0.264
Power Drift [dB]	N/A	1.10	0.22



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.6
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.16
Group UID	WLAN 10544-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.2	Test Distance [mm]	0.00

Hardware Setup

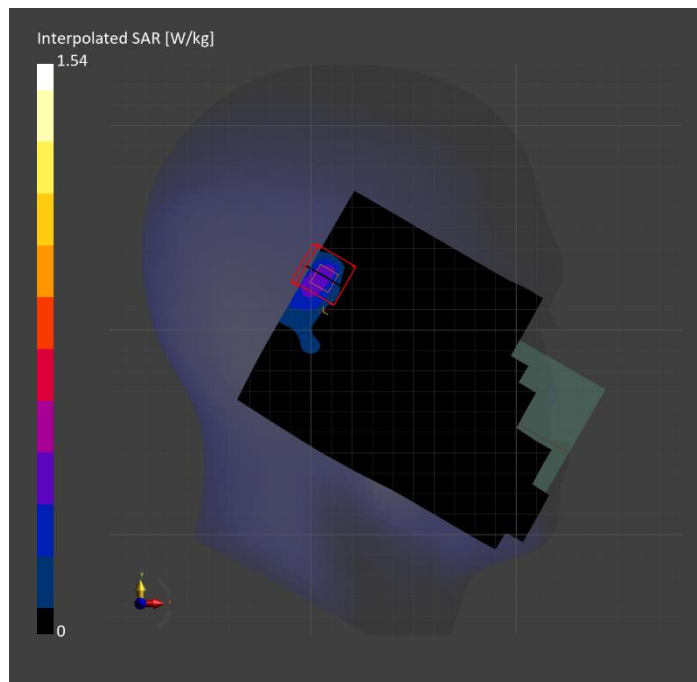
Probe Calibration Date	EX3DV4 - SN3902 2024-03-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		64.5	63.8
Dist 3dB Peak [mm]		4.9	4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.45 [8.2, 324.7, -173.6]	1.54 [8.2, 324.7, -173.6]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.344	0.352	0.373
psSAR10g [W/Kg]	0.112	0.101	0.105
Power Drift [dB]	N/A	1.06	0.92



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.6
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.16
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.2	Test Distance [mm]	5.00

Hardware Setup

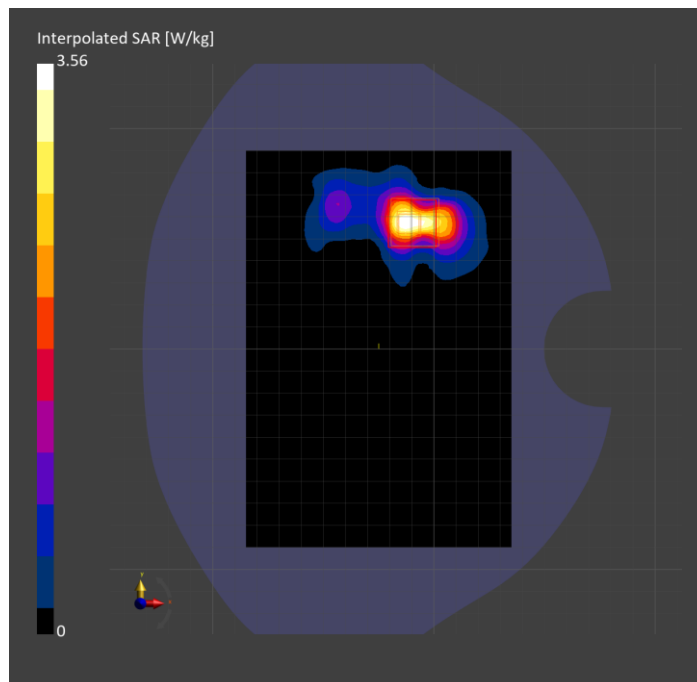
Probe Calibration Date	EX3DV4 - SN3902 2024-03-12	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		61.5
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.56 [-10.5, 56.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.689	0.850
psSAR10g [W/Kg]	0.242	0.268
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	34.7
Frequency [MHz] Channel Number	6025.000 15	TSL Conductivity [S/m]	5.34
Group UID	WLAN 10755-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

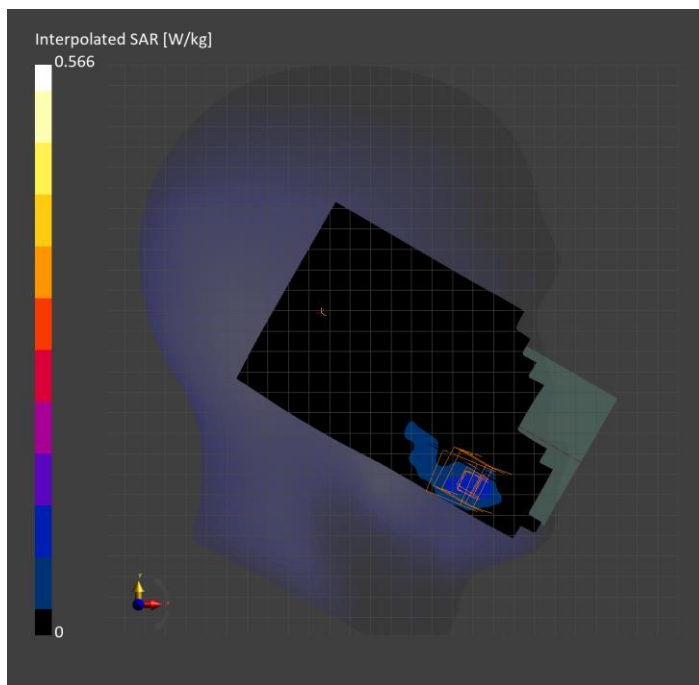
Probe Calibration Date	EX3DV4 - SN7587 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	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 [%]		54.2	61.5
Dist 3dB Peak [mm]		8.4	7.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.903 [83.7, 221.6, -157.0]	0.566 [81.8, 228.8, -160.1]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.017	0.021	0.020	N/A	N/A
psSAR8g [W/Kg]	0.007	0.009	0.008	N/A	N/A
psSAR10g [W/Kg]	0.006	0.01	0.007	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.180	0.166
Power Drift [dB]	N/A	2.14	-0.71	N/A	N/A



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	34.7
Frequency [MHz] Channel Number	6025.000 15	TSL Conductivity [S/m]	5.34
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

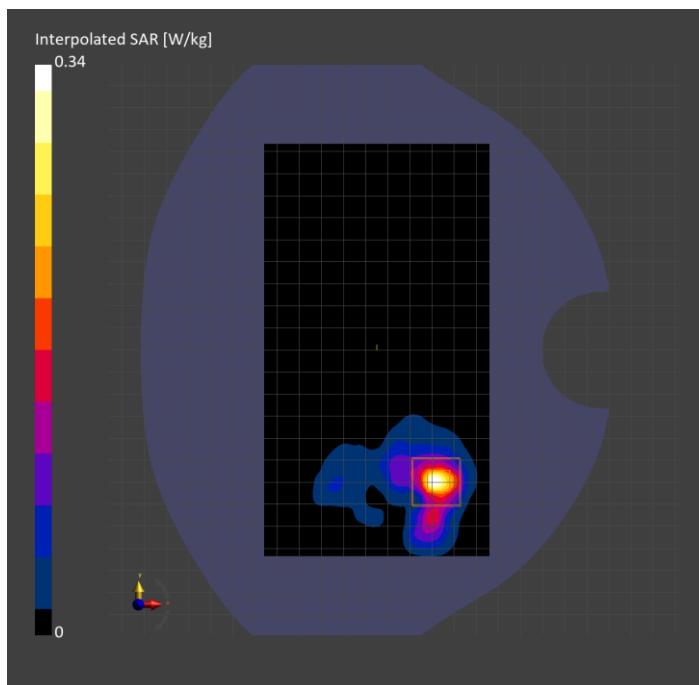
Probe Calibration Date	EX3DV4 - SN7587 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	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 [%]		53.9	53.6
Dist 3dB Peak [mm]		5.9	6.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.08 [3.2, -60.3, -207.0]	1.11 [3.7, -60.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.215	0.224	0.231	N/A	N/A
psSAR8g [W/Kg]	0.072	0.074	0.075	N/A	N/A
psSAR10g [W/Kg]	0.062	0.064	0.065	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	1.47	1.50
Power Drift [dB]	N/A	-2.36	-5.04	N/A	N/A



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	36.0
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	6.35
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.1	Test Distance [mm]	5.00

Hardware Setup

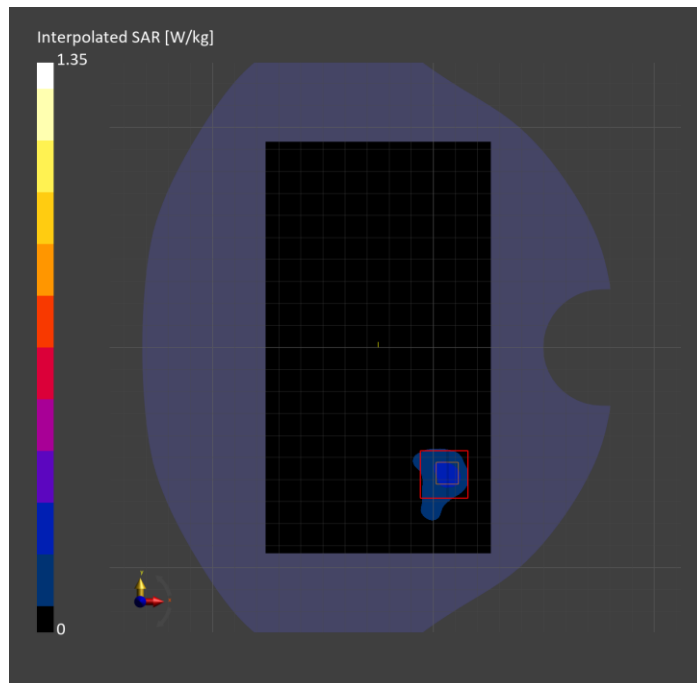
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	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 [%]		49.7	50.1
Dist 3dB Peak [mm]		6.5	7.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.34 [6.8, -56.6, -207.0]	1.35 [6.1, -56.6, -207.0]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.225	0.260	0.266	N/A	N/A
psSAR8g [W/Kg]	0.082	0.090	0.090	N/A	N/A
psSAR10g [W/Kg]	0.072	0.078	0.078	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	1.81	1.81
Power Drift [dB]	N/A	2.42	2.96	N/A	N/A



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	32.8
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.90
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

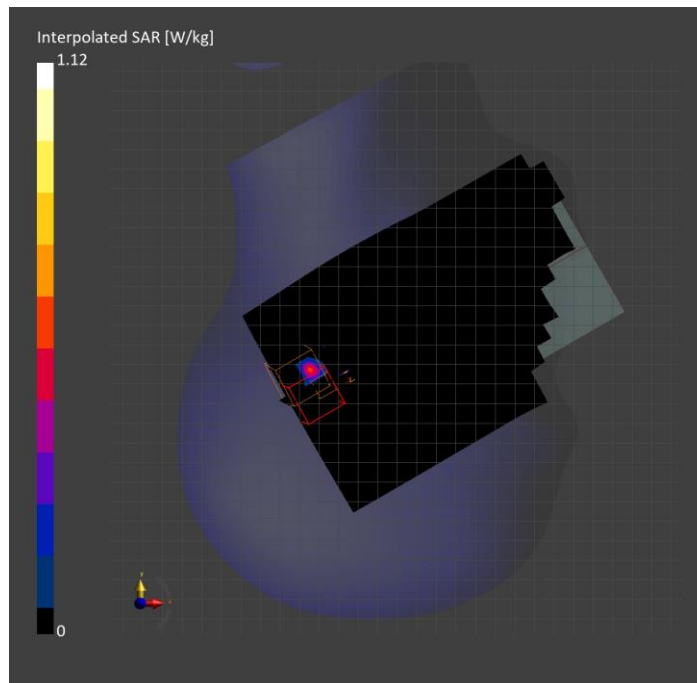
Probe Calibration Date	EX3DV4 - SN7587 2024-04-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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 [%]		67.8	69.8
Dist 3dB Peak [mm]		2.1	3.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.160 [-12.5, -307.8, -169.7]	0.202 [-8.4, -309.4, -170.6]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.025	0.008	0.007	N/A	N/A
psSAR8g [W/Kg]	0.005	0.003	0.003	N/A	N/A
psSAR10g [W/Kg]	0.004	0.002	0.002	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.059	0.055
Power Drift [dB]	N/A	-1.65	-0.49	N/A	N/A



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	31.8
Frequency [MHz] Channel Number	6825.000 175	TSL Conductivity [S/m]	6.33
Group UID	WLAN 10755-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.1	Test Distance [mm]	0.00

Hardware Setup

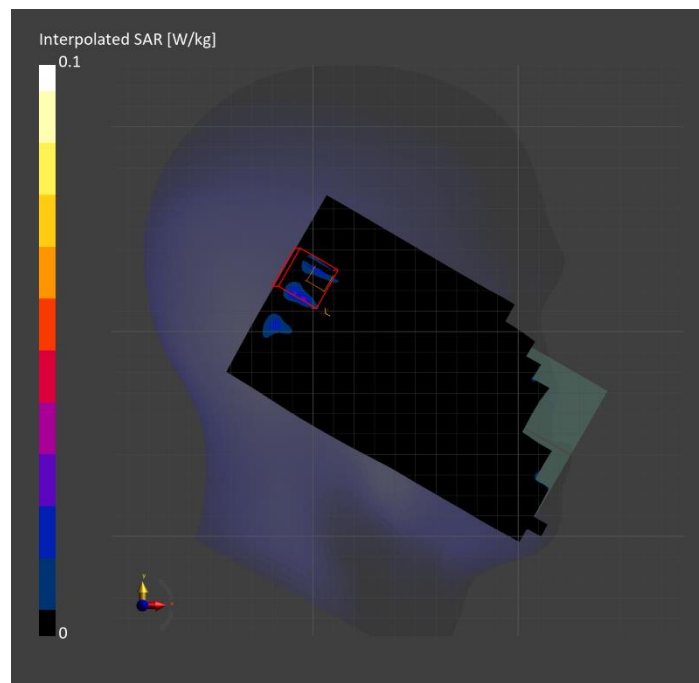
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	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 [%]		66.0
Dist 3dB Peak [mm]		2.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.073 [7.6, 327.2, -173.5]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.013	0.008	N/A
psSAR8g [W/Kg]	0.004	0.002	N/A
psSAR10g [W/Kg]	0.003	0.002	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	0.043
Power Drift [dB]	N/A	-4.95	-4.95



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	35.7
Frequency [MHz] Channel Number	6665.000 143	TSL Conductivity [S/m]	6.51
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.1	Test Distance [mm]	5.00

Hardware Setup

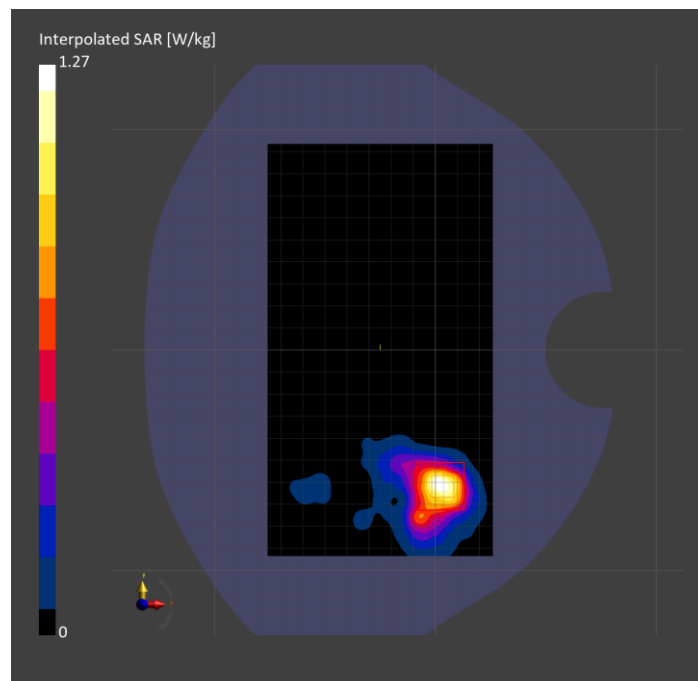
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	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 [%]		49.9
Dist 3dB Peak [mm]		6.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.27 [3.8, -61.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.223	0.252	N/A
psSAR8g [W/Kg]	0.086	0.091	N/A
psSAR10g [W/Kg]	0.076	0.080	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	1.83
Power Drift [dB]	N/A	0.18	0.18



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	33.7
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.52
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.35	Test Distance [mm]	0.00

Hardware Setup

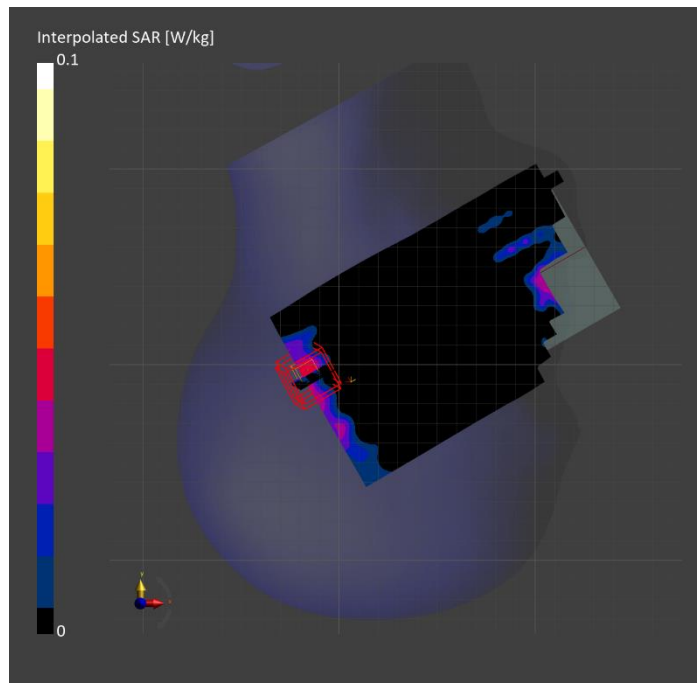
Probe Calibration Date	EX3DV4 - SN7501 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	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 [%]		74.8	70.0
Dist 3dB Peak [mm]		2.8	3.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.085 [-14.1, -303.2, -168.8]	0.083 [-13.5, -302.9, -168.9]

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.037	0.015	0.014	N/A	N/A
psSAR8g [W/Kg]	0.010	0.006	0.006	N/A	N/A
psSAR10g [W/Kg]	0.009	0.005	0.005	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.114	0.114
Power Drift [dB]	N/A	1.09	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	33.7
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.52
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.35	Test Distance [mm]	5.00

Hardware Setup

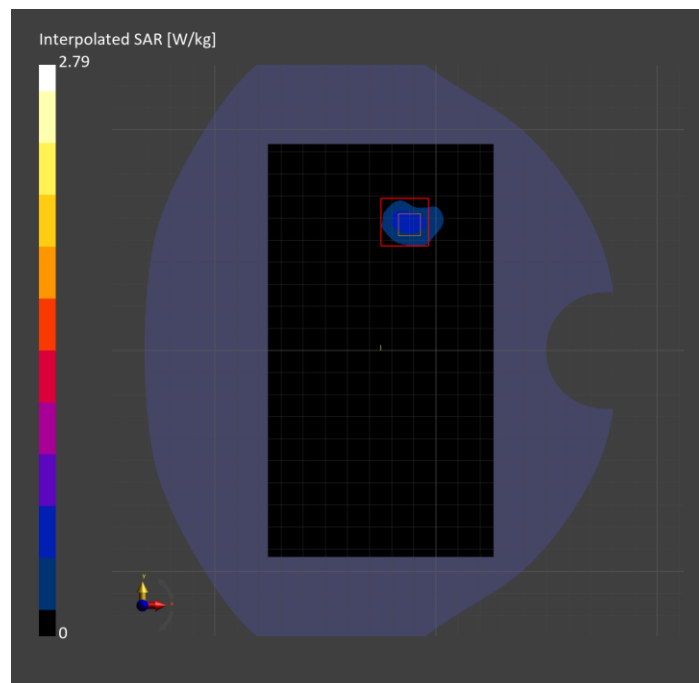
Probe Calibration Date	EX3DV4 - SN7501 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	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 [%]		53.3
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.80 [-11.9, 57.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.522	0.535	N/A
psSAR8g [W/Kg]	0.179	0.166	N/A
psSAR10g [W/Kg]	0.156	0.141	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	3.32
Power Drift [dB]	N/A	-0.17	-0.17



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.9
Frequency [MHz] Channel Number	2480.000 78	TSL Conductivity [S/m]	1.84
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.18	Test Distance [mm]	0.00

Hardware Setup

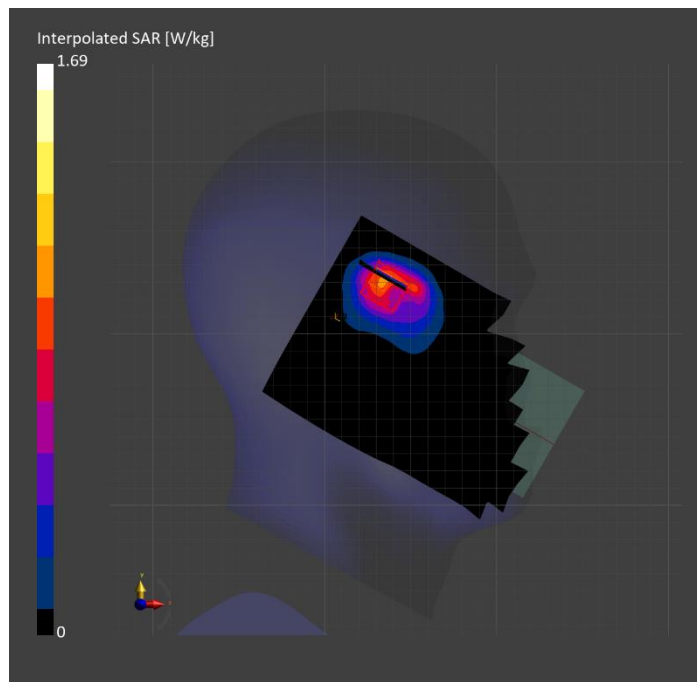
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.1
Dist 3dB Peak [mm]		7.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.69 [36.3, 335.2, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.796	0.838
psSAR10g [W/Kg]	0.411	0.415
Power Drift [dB]	N/A	0.01



ISM 2.4 GHz Band: Bluetooth Low Energy, BACK

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.74
Group UID	Bluetooth 10670-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.18	Test Distance [mm]	5.00

Hardware Setup

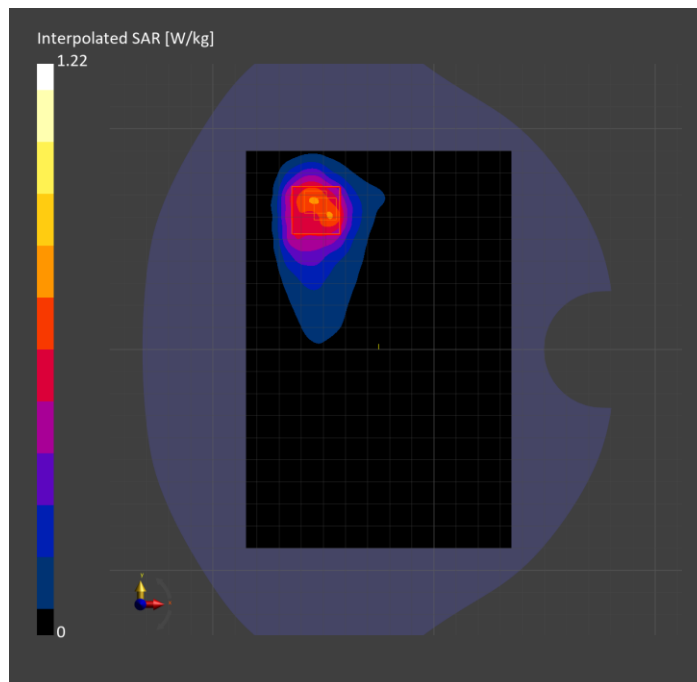
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.9
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.22 [-49.0, 61.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.559	0.597
psSAR10g [W/Kg]	0.308	0.319
Power Drift [dB]	N/A	-0.05



Custom Band: IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5), CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.0
Frequency [MHz] Channel Number	5204.000 Mid	TSL Conductivity [S/m]	4.60
Group UID	CW 10035-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.75	Test Distance [mm]	0.00

Hardware Setup

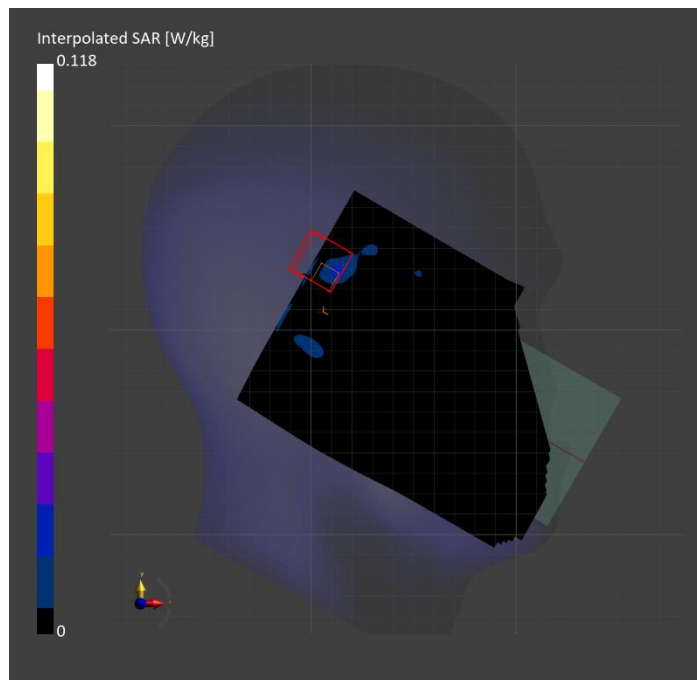
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.5 x 3.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.1
Dist 3dB Peak [mm]		2.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.118 [6.4, 321.3, -173.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.017	0.011
psSAR10g [W/Kg]	0.004	0
Power Drift [dB]	N/A	N/A



Custom Band: IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.0
Frequency [MHz] Channel Number	5204.000 Mid	TSL Conductivity [S/m]	4.60
Group UID	CW 10035-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.75	Test Distance [mm]	5.00

Hardware Setup

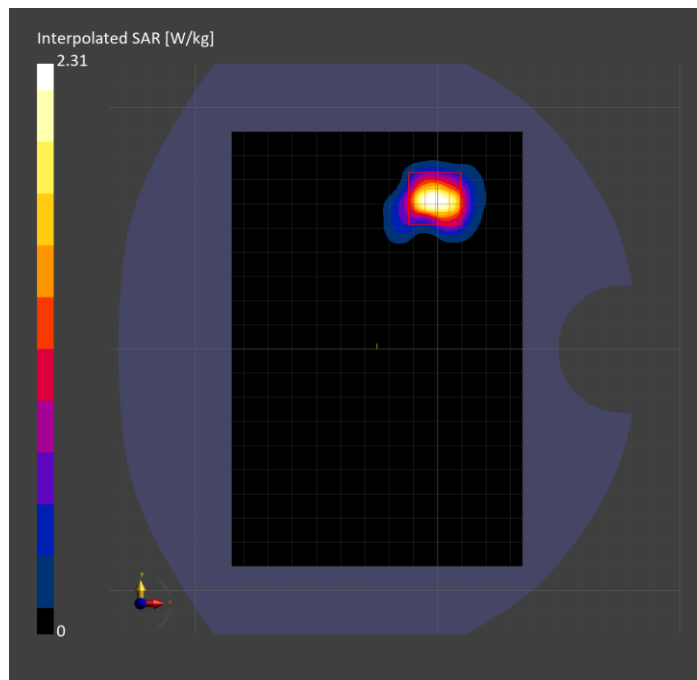
Probe Calibration Date	EX3DV4 - SN7810 2024-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2024-05-02	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		6.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.31 [-0.9, 61.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.487	0.577
psSAR10g [W/Kg]	0.150	0.163
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.9
Frequency [MHz] Channel Number	5789.000 5789000	TSL Conductivity [S/m]	5.13
Group UID	CW 10032-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.23	Test Distance [mm]	0.00

Hardware Setup

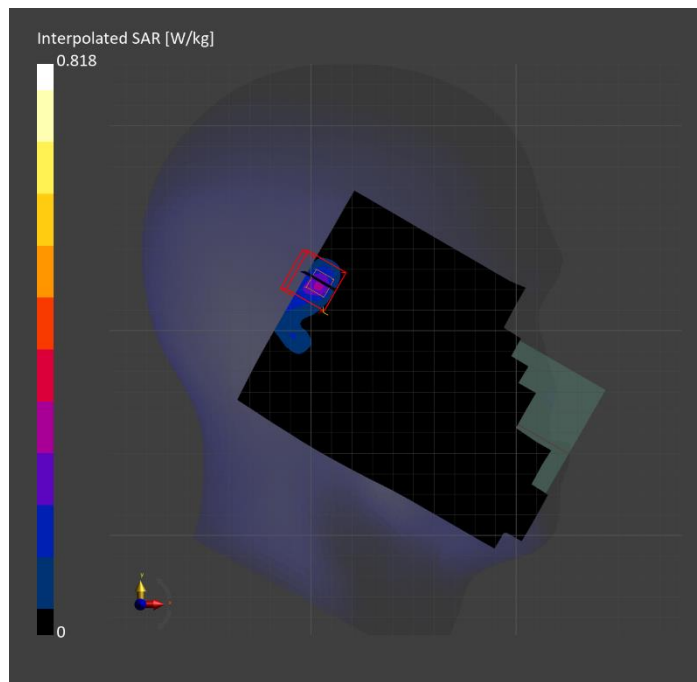
Probe Calibration Date	EX3DV4 - SN7501 2024-03-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1357 2024-01-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		57.0
Dist 3dB Peak [mm]		4.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.818 [4.7, 322.9, -173.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.185	0.179
psSAR10g [W/Kg]	0.051	0.045
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	36.1
Frequency [MHz] Channel Number	5789.000 5789000	TSL Conductivity [S/m]	5.24
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	4.51	Test Distance [mm]	5.00

Hardware Setup

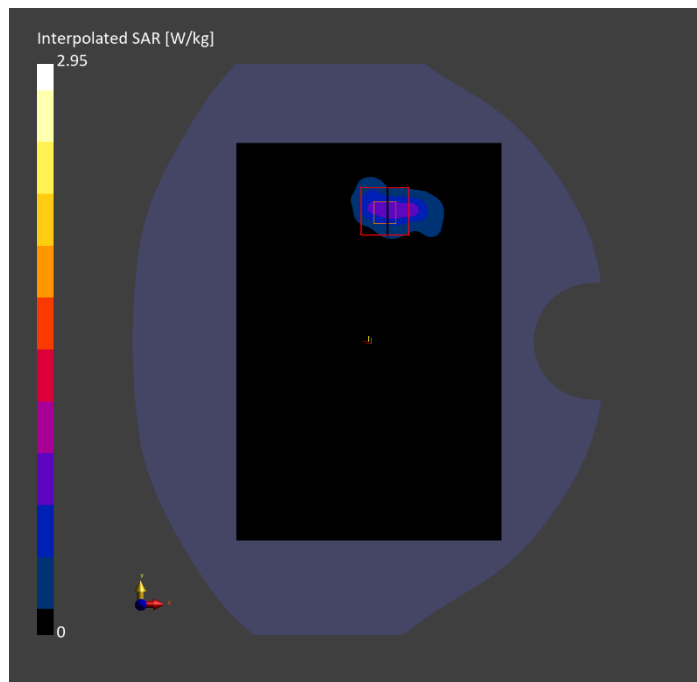
Probe Calibration Date	EX3DV4 - SN7820 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1544 2024-01-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		6.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.95 [-17.1, 58.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.638	0.699
psSAR10g [W/Kg]	0.220	0.215
Power Drift [dB]	N/A	-0.12



MSS: 1-PRB SC-FDMA, BACK

Exposure Conditions

Band	MSS	TSL Permittivity	38.7
Frequency [MHz] Channel Number	1610.100 262316	TSL Conductivity [S/m]	1.25
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.51	Test Distance [mm]	0.00

Hardware Setup

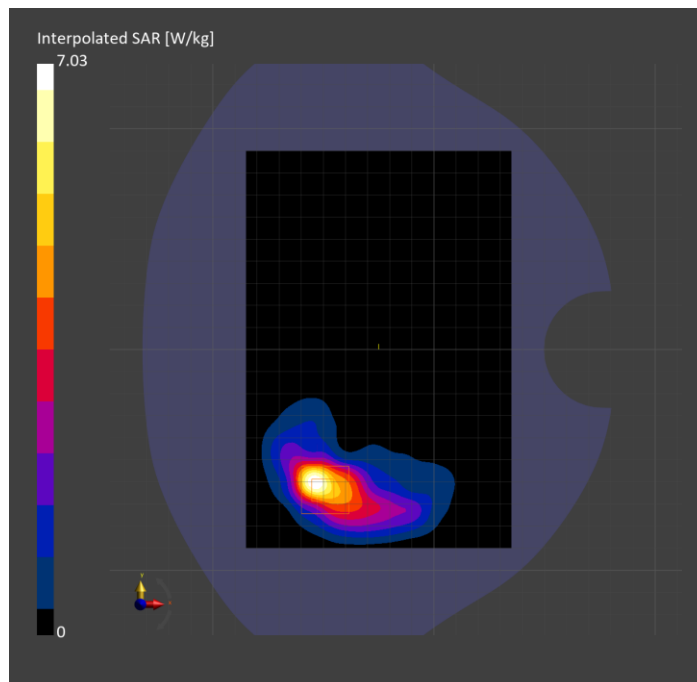
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2024-02-08	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.1
Dist 3dB Peak [mm]		7.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	7.03 [-52.8, -64.3, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.41	3.81
psSAR10g [W/Kg]	1.71	1.77
Power Drift [dB]	N/A	-0.07



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.0
Frequency [MHz] Channel Number	2475.000 High	TSL Conductivity [S/m]	1.83
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.18	Test Distance [mm]	0.00

Hardware Setup

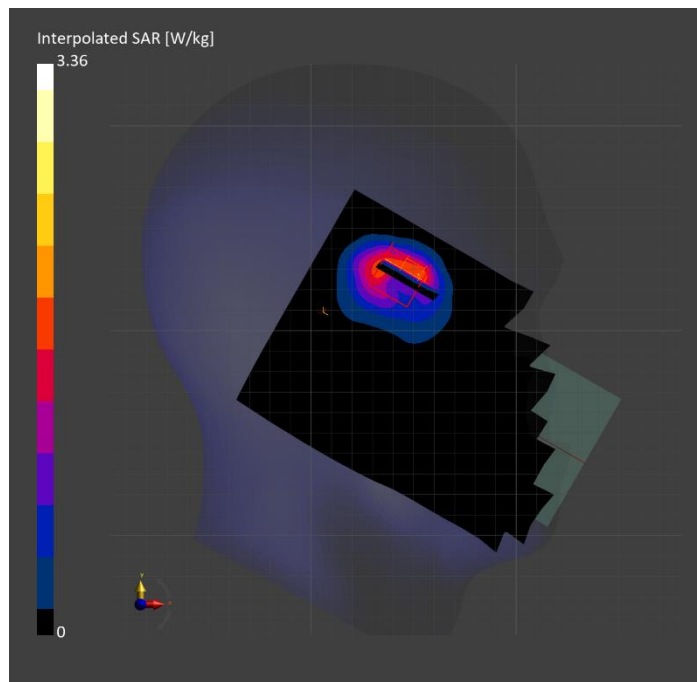
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.7 x 4.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		6.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.36 [38.8, 333.9, -174.3]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.41	1.39
psSAR10g [W/Kg]	0.725	0.688
Power Drift [dB]	N/A	-0.01



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2405.000 Low	TSL Conductivity [S/m]	1.73
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	6.96	Test Distance [mm]	5.00

Hardware Setup

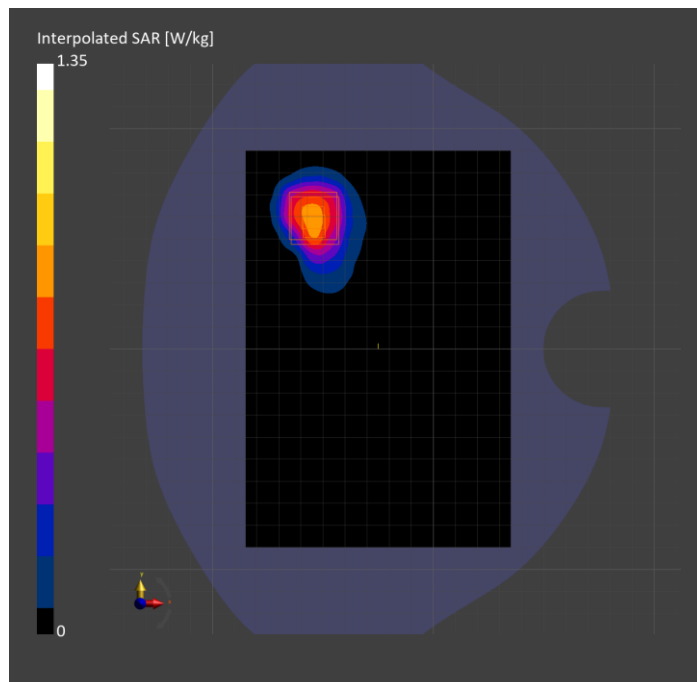
Probe Calibration Date	EX3DV4 - SN7779 2024-05-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2024-04-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.35 [-57.0, 56.0, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.679	0.701
psSAR10g [W/Kg]	0.354	0.345
Power Drift [dB]	N/A	-0.10



802.15.4ab: Pulse Waveform (200Hz, 10%), CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.1
Frequency [MHz] Channel Number	5786.300 18	TSL Conductivity [S/m]	5.14
Group UID	CW 10658-AAB	Phantom Section TSL	LeftHead HSL
Conversion Factor	4.63	Test Distance [mm]	0.00

Hardware Setup

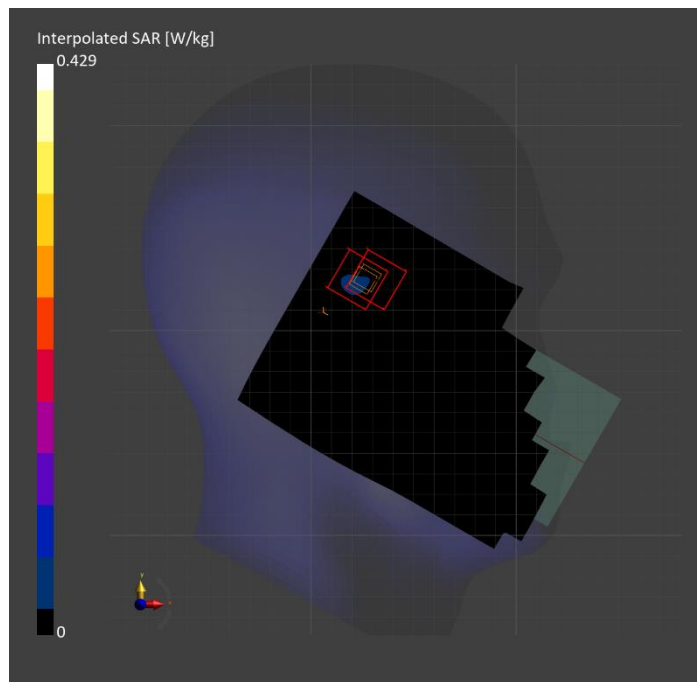
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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 [%]		62.9	57.2
Dist 3dB Peak [mm]		4.4	4.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.138 [28.7, 327.5, -175.0]	0.429 [27.7, 326.7, -175.0]

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.032	0.023	0.024
psSAR10g [W/Kg]	0.009	0.003	0.002
Power Drift [dB]	N/A	-1.67	2.15



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.6
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.05
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	4.63	Test Distance [mm]	5.00

Hardware Setup

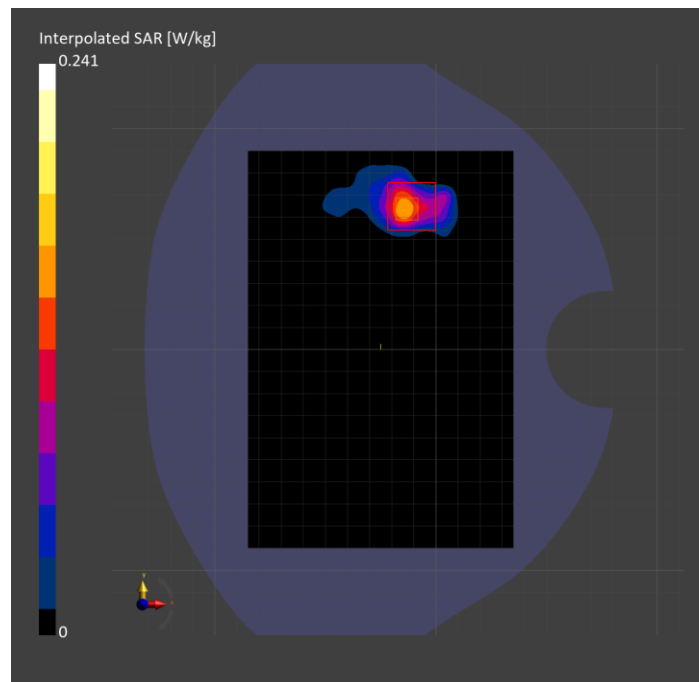
Probe Calibration Date	EX3DV4 - SN3772 2024-02-07	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		53.5
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.241 [-13.7, 63.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.047	0.049
psSAR10g [W/Kg]	0.015	0.011
Power Drift [dB]	N/A	-0.72



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	53.3
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.682
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

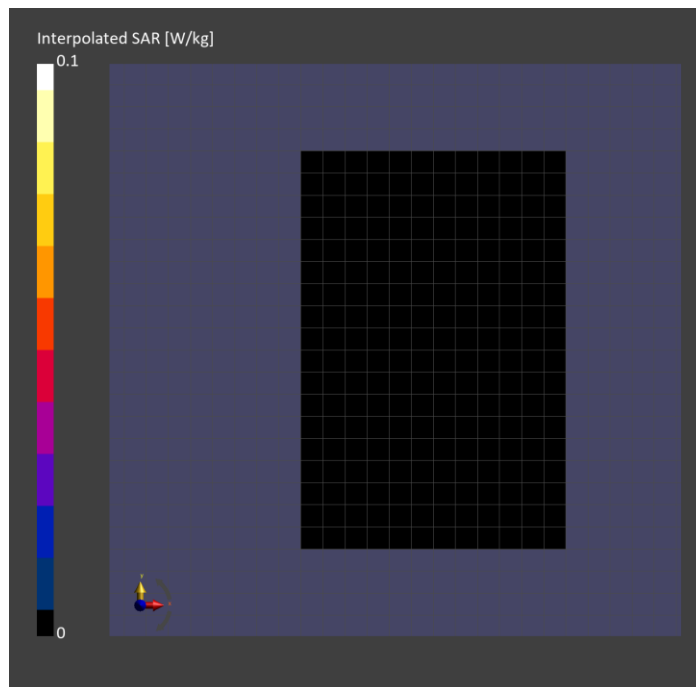
Area Scan

Grid Extents [mm]	120.0 x 180.0
Grid Steps [mm]	15.0 x 15.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

Area Scan

psSAR1g [W/Kg]	0
psSAR10g [W/Kg]	0
Power Drift [dB]	N/A



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

Exposure Conditions

Band	U-NII-8	Phantom Section	5G
Frequency [MHz] Channel Number	6985.0 207	Conversion Factor	1.0
Group UID	WLAN, 10755-AAC	Position Test Distance [mm]	BACK 2.00

Hardware Setup

Probe Calibration Date	EUmmWV4 - SN9619_F1-55GHz 2024-03-08	Phantom	mmWave xxxx
DAE Calibration Date	DAE4 Sn1472 2024-01-16	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]	3.72
psPDtot+ [W/m ²]	4.39
psPDmod+ [W/m ²]	7.24
E _{max} [V/m]	93.5
H _{max} [A/m]	0.212
Power Drift [dB]	-0.01

