

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	42.6
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.897
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.09	Test Distance [mm]	0.00

Hardware Setup

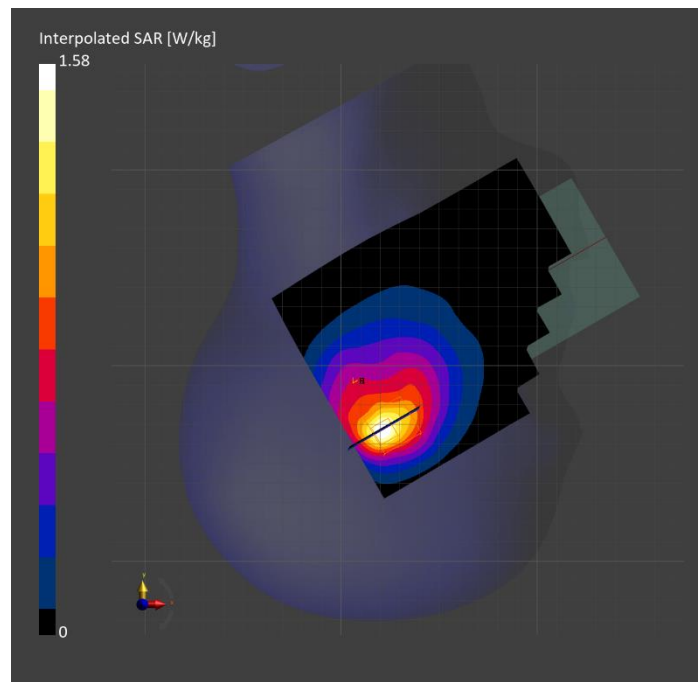
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		72.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.58, 22.0, -334.0, -169.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.688	0.647
psSAR10g [W/Kg]	0.415	0.357
Power Drift [±0.2 dB]	N/A	-0.10



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	42.5
Frequency [MHz] Channel Number	848.800 251	TSL Conductivity [S/m]	0.902
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

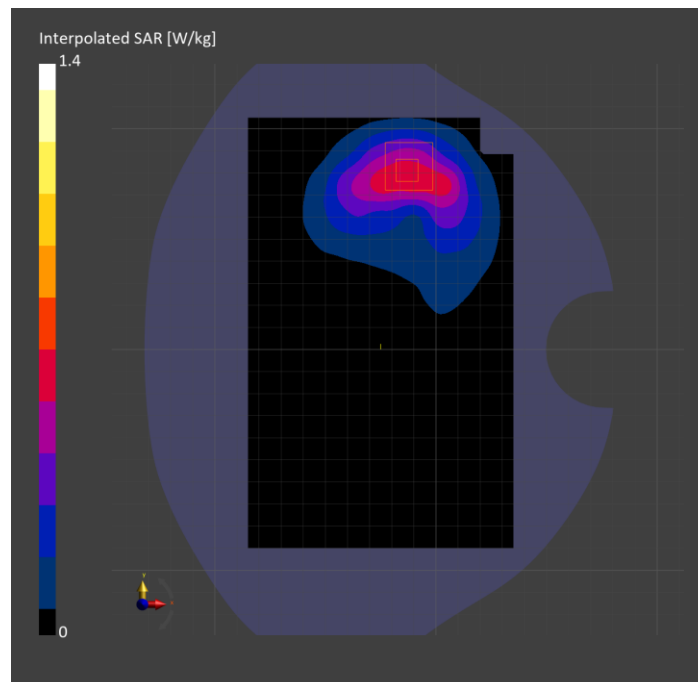
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.40, -13.1, 81.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.570	0.653
psSAR10g [W/Kg]	0.376	0.341
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	42.3
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.907
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

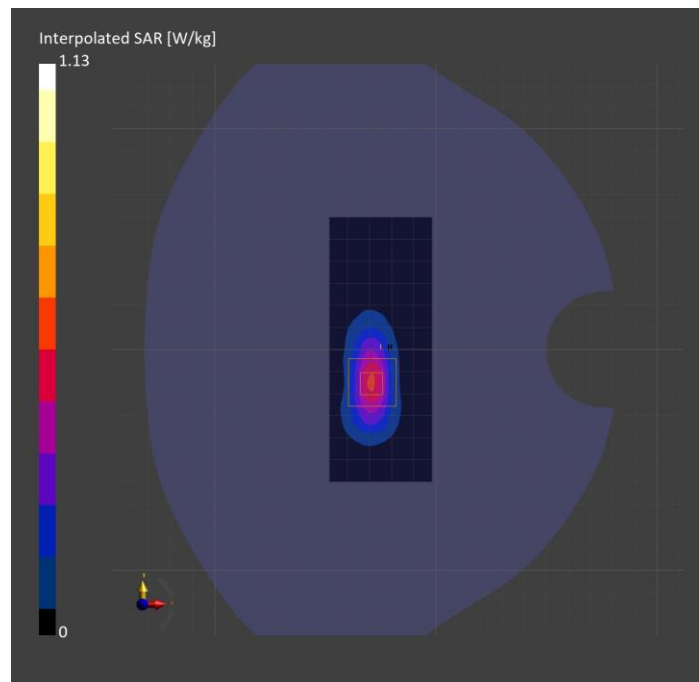
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	46.4 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	5.8 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 [> 30%]		72.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.13, -29.2, -15.5, -207.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.462	0.445
psSAR10g [W/Kg]	0.234	0.197
Power Drift [±0.2 dB]	N/A	-0.09



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.0
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.37
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

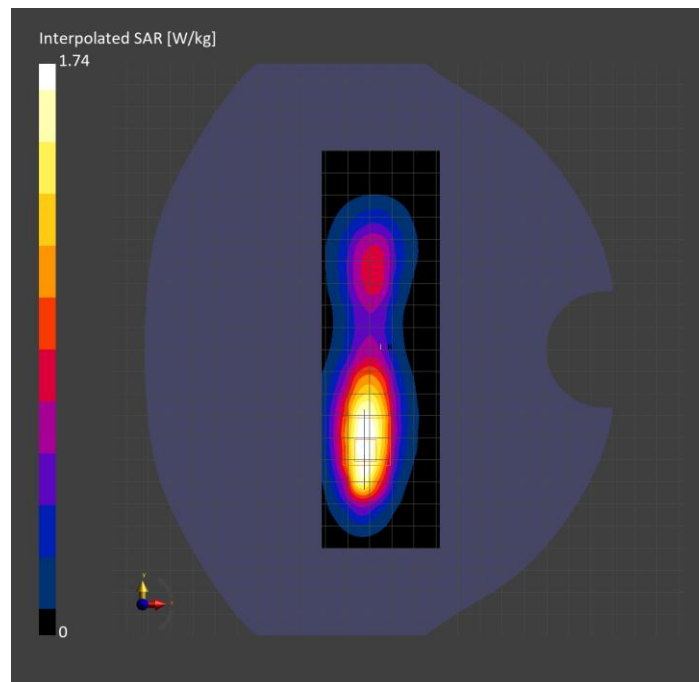
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.74, -31.4, -41.6, -196.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.889	0.925
psSAR10g [W/Kg]	0.483	0.507
Power Drift [±0.2 dB]	N/A	0.16



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.3
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.36
Group UID	GSM 10023-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

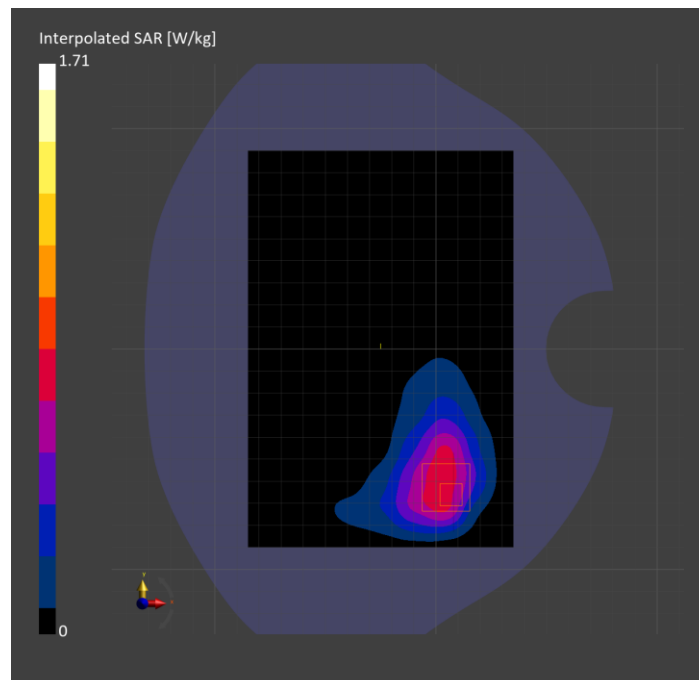
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.71, 6.8, -66.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.678	0.788
psSAR10g [W/Kg]	0.401	0.402
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.7
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.33
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.27	Test Distance [mm]	0.00

Hardware Setup

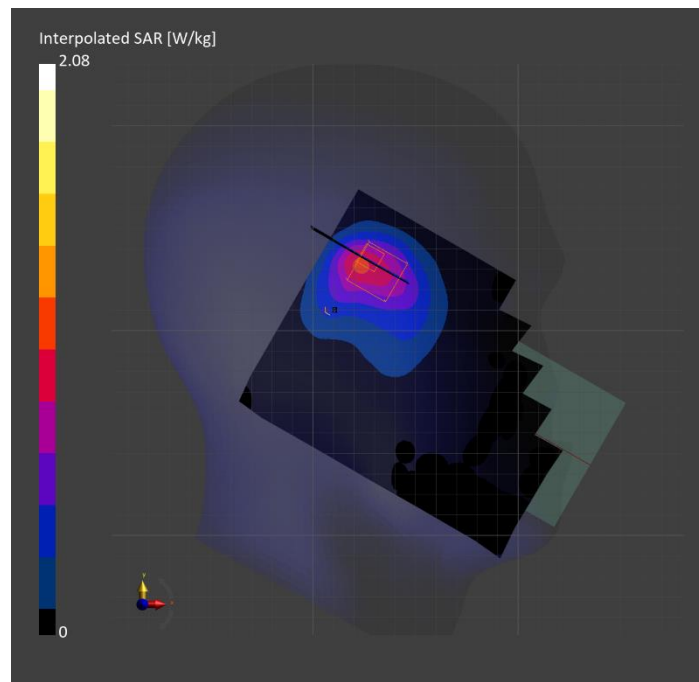
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	54.0 x 54.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.4 x 5.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		73.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.08, 27.9, 335.9, -173.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.868	0.934
psSAR10g [W/Kg]	0.491	0.521
Power Drift [±0.2 dB]	N/A	-0.12



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.38
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.81	Test Distance [mm]	0.00

Hardware Setup

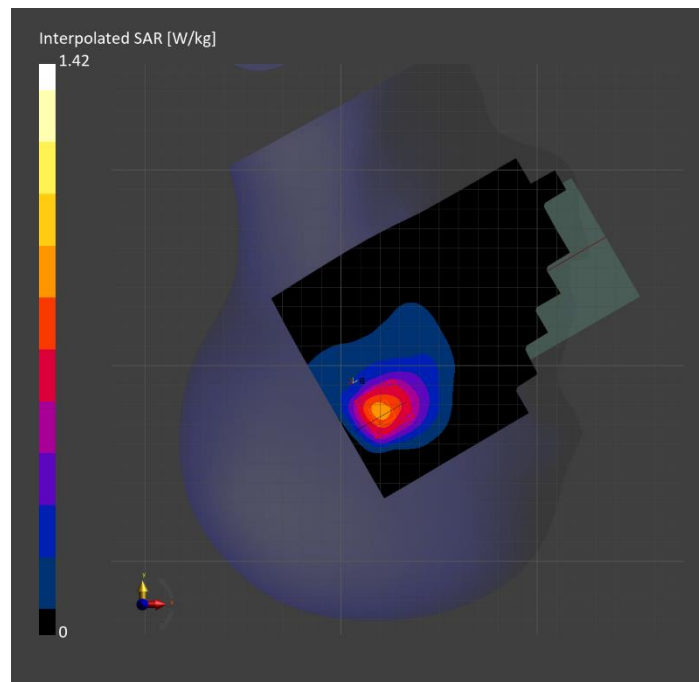
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		92.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.42, 20.6, -324.6, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.705	0.850
psSAR10g [W/Kg]	0.393	0.442
Power Drift [±0.2 dB]	N/A	0.01



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	38.0
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.05	Test Distance [mm]	5.00

Hardware Setup

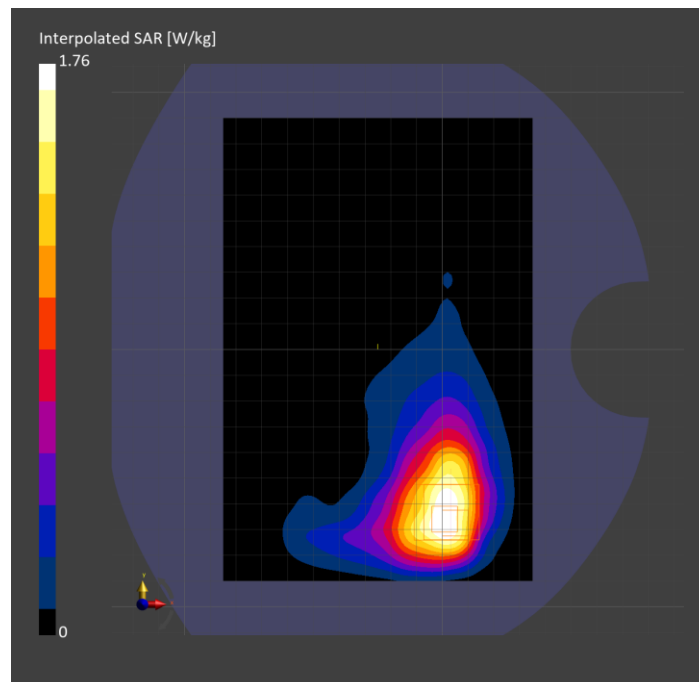
Probe Calibration Date	EX3DV4 - SN7335 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1892 2025-03-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, 5.0, -67.5, -202.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.782	0.839
psSAR10g [W/Kg]	0.450	0.422
Power Drift [±0.2 dB]	0.00	-0.06



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

Exposure Conditions

Band	Band 2	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	5.00

Hardware Setup

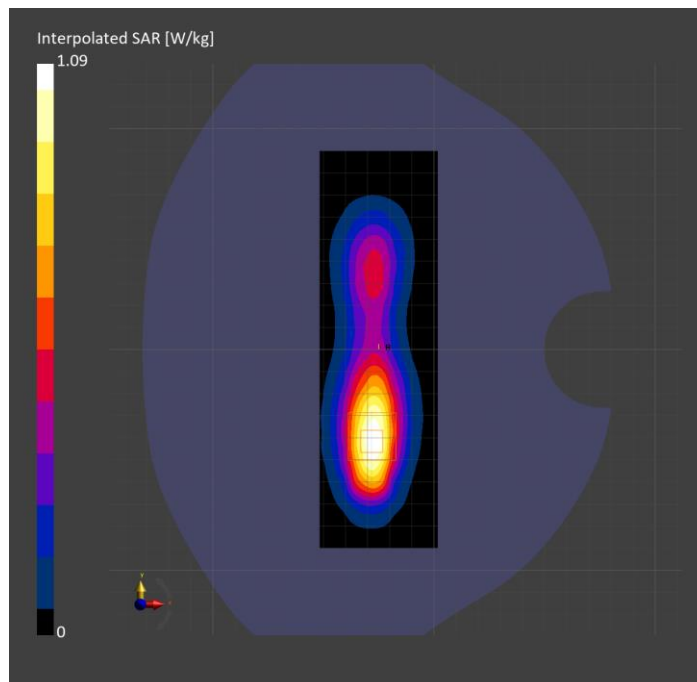
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		85.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.09, -28.1, -41.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.630	0.642
psSAR10g [W/Kg]	0.337	0.355
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 4	TSL Permittivity	43.8
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.27
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

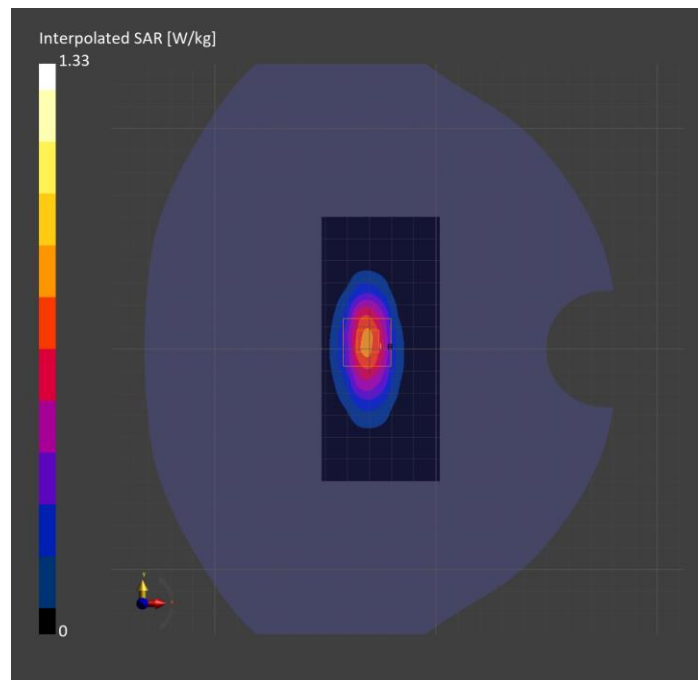
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.33, -30.7, 3.5, -206.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.661	0.692
psSAR10g [W/Kg]	0.342	0.346
Power Drift [±0.2 dB]	N/A	0.16



Band 4: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 4	TSL Permittivity	40.5
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.28
Group UID	WCDMA 10011-CAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

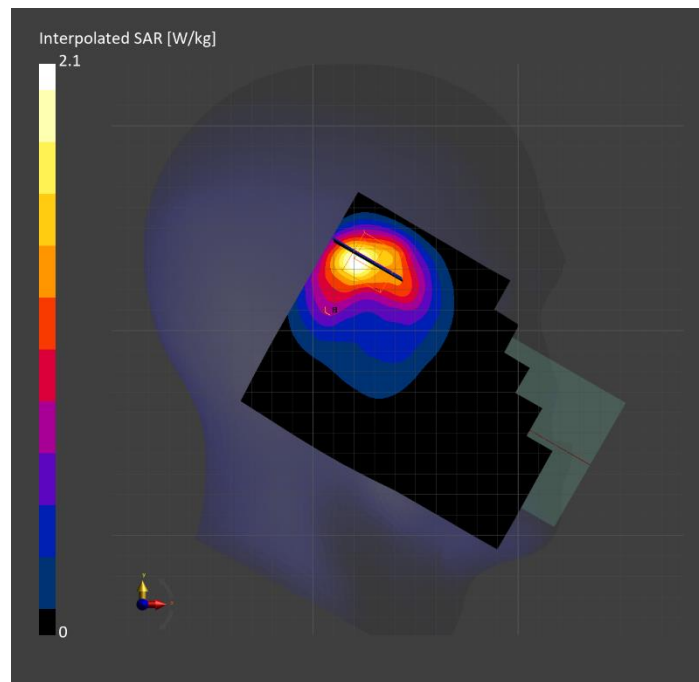
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	39.2 x 39.2 x 31.2
Grid Steps [mm]	15.0 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 [> 30%]		77.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.10, 26.9, 337.5, -169.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.876	0.957
psSAR10g [W/Kg]	0.479	0.495
Power Drift [±0.2 dB]	N/A	-0.11



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	43.8
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	8.19	Test Distance [mm]	5.00

Hardware Setup

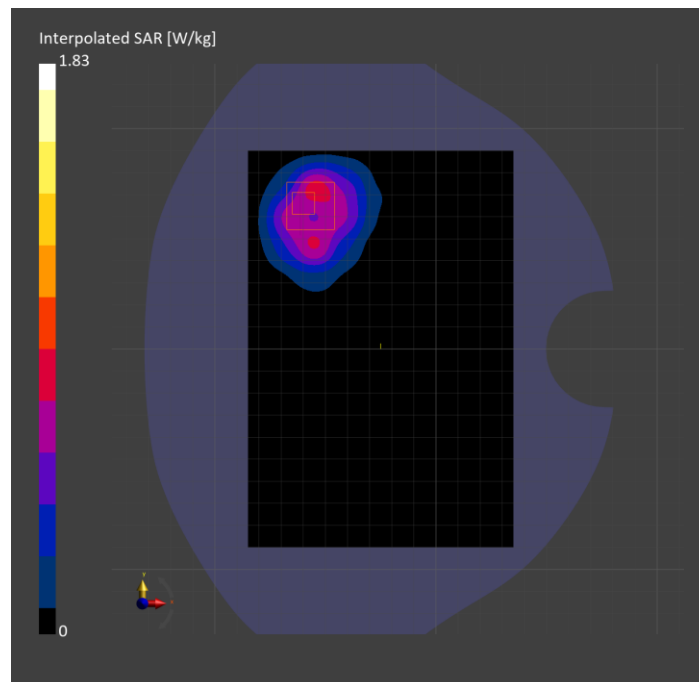
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.83, -60.0, 66.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.670	0.821
psSAR10g [W/Kg]	0.396	0.410
Power Drift [±0.2 dB]	N/A	0.02



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.9
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.921
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.09	Test Distance [mm]	0.00

Hardware Setup

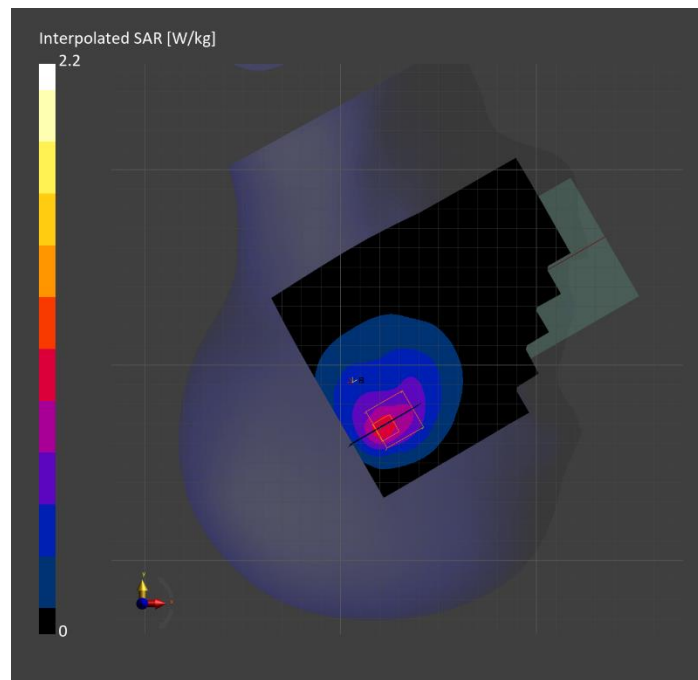
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		69.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.20, 22.9, -332.5, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.847	0.849
psSAR10g [W/Kg]	0.519	0.472
Power Drift [±0.2 dB]	N/A	0.12



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	41.7
Frequency [MHz] Channel Number	846.600 4233	TSL Conductivity [S/m]	0.882
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

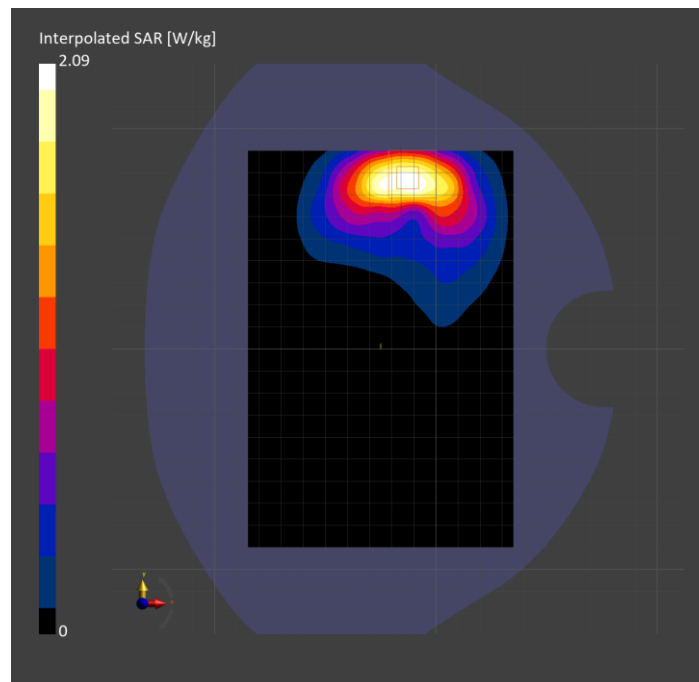
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.2 x 5.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.09, -12.8, 77.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.943	0.903
psSAR10g [W/Kg]	0.585	0.460
Power Drift [±0.2 dB]	N/A	-0.08



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

Exposure Conditions

Band	Band 5	TSL Permittivity	41.7
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.877
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

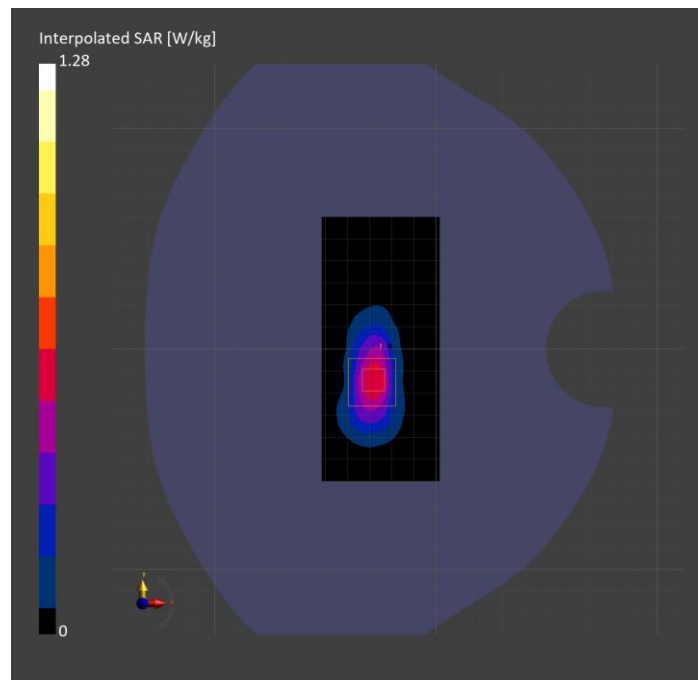
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		73.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.28, -28.2, -14.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.517	0.528
psSAR10g [W/Kg]	0.278	0.242
Power Drift [±0.2 dB]	N/A	-0.19



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

Exposure Conditions

Band	Band 5	TSL Permittivity	43.0
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.884
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.16	Test Distance [mm]	0.00

Hardware Setup

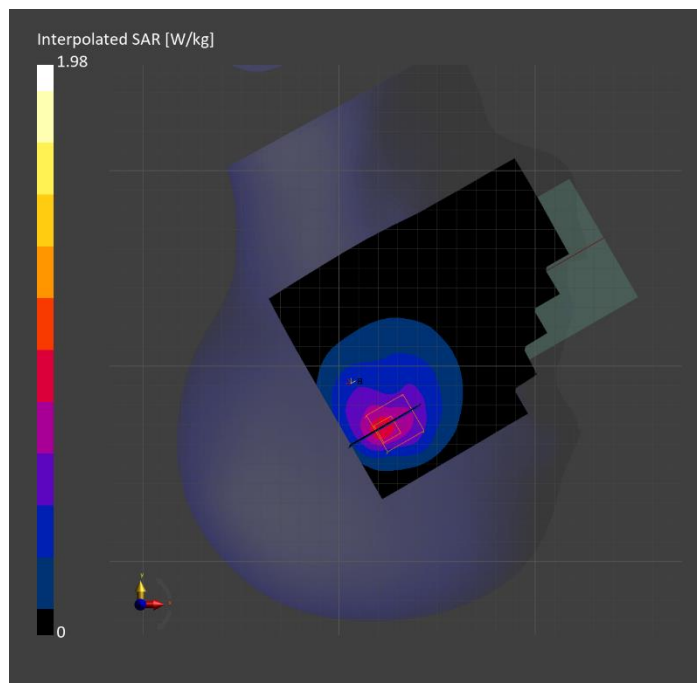
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		68.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, 24.5, -332.7, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.764	0.778
psSAR10g [W/Kg]	0.475	0.432
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 5	TSL Permittivity	42.0
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.889
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

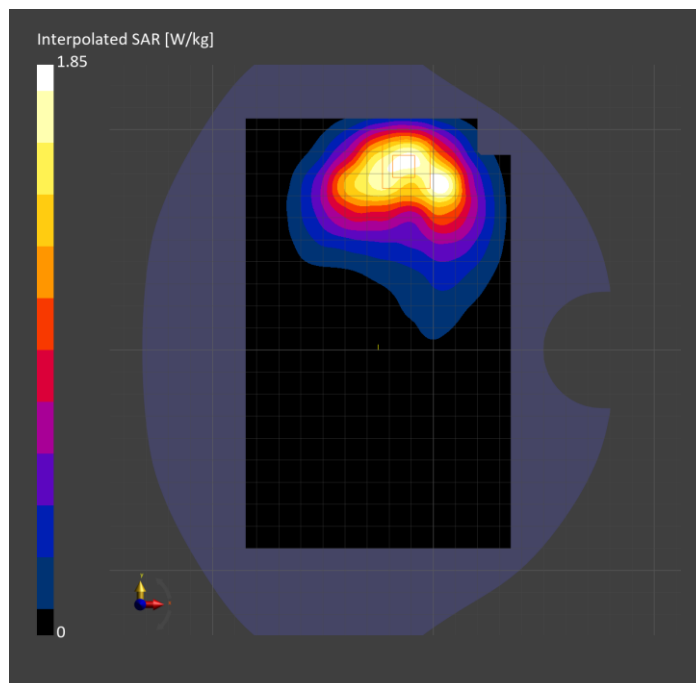
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.82, -12.2, 83.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.665	0.827
psSAR10g [W/Kg]	0.444	0.426
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	Band 5	TSL Permittivity	42.0
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.889
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

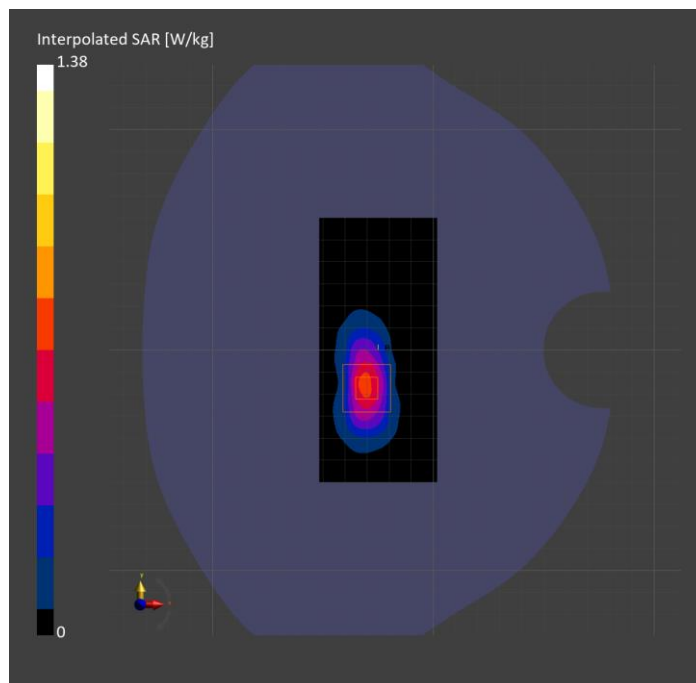
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.9 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.5
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.38, -30.2, -17.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.612	0.598
psSAR10g [W/Kg]	0.324	0.269
Power Drift [dB]	N/A	0.04



Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 7	TSL Permittivity	41.9
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.78
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	6.84	Test Distance [mm]	0.00

Hardware Setup

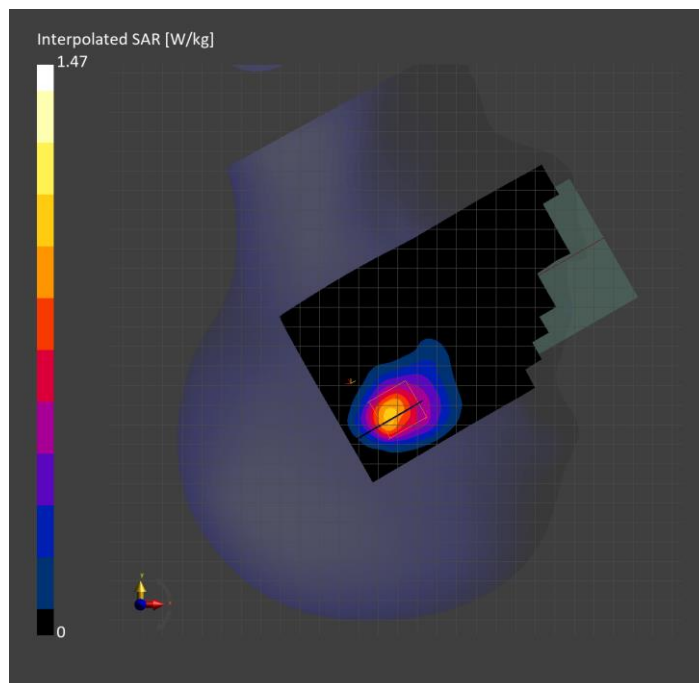
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.47, 26.0, -323.1, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.800	0.791
psSAR10g [W/Kg]	0.398	0.407
Power Drift [±0.2 dB]	N/A	-0.14



Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 7	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2560.000 21350	TSL Conductivity [S/m]	1.88
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

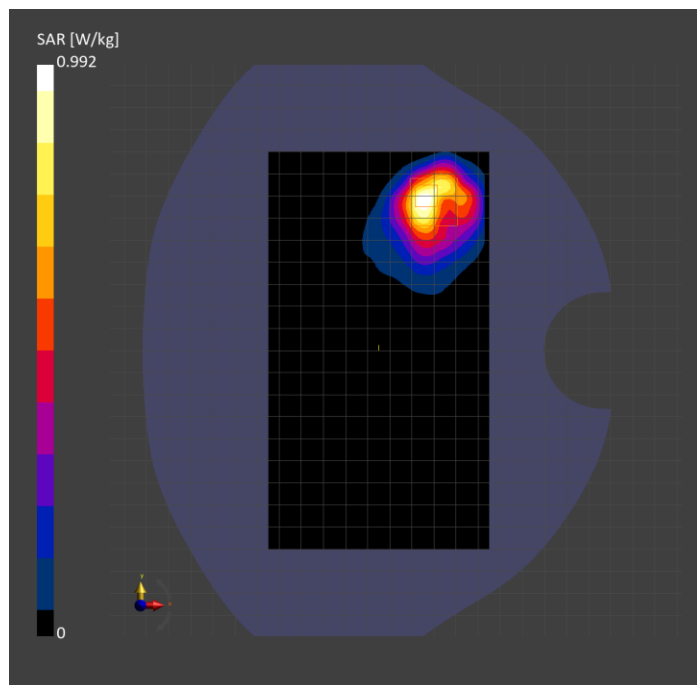
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.25, -3.4, 70.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.899	0.895
psSAR10g [W/Kg]	0.415	0.405
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 7	TSL Permittivity	38.5
Frequency [MHz] Channel Number	2560.000 21350	TSL Conductivity [S/m]	1.86
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

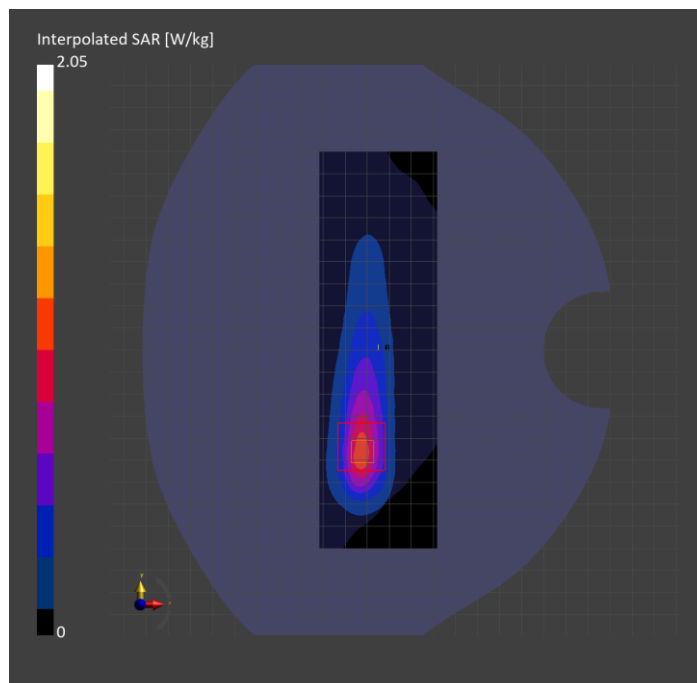
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		75.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.05, -32.0, -46.2, -205.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.865	0.901
psSAR10g [W/Kg]	0.394	0.406
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	Band 12	TSL Permittivity	41.6
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.831
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.48	Test Distance [mm]	0.00

Hardware Setup

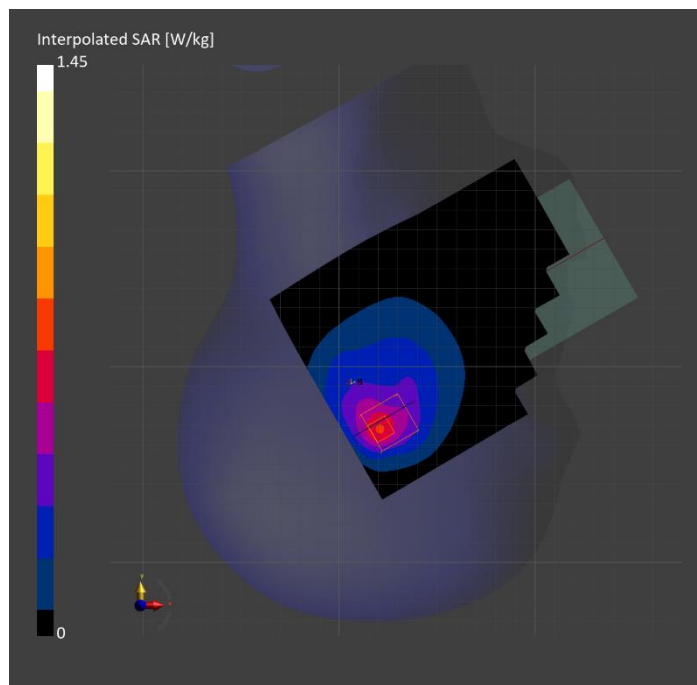
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		70.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.45, 21.2, -332.2, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.601	0.582
psSAR10g [W/Kg]	0.372	0.313
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	Band 12	TSL Permittivity	45.0
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.885
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

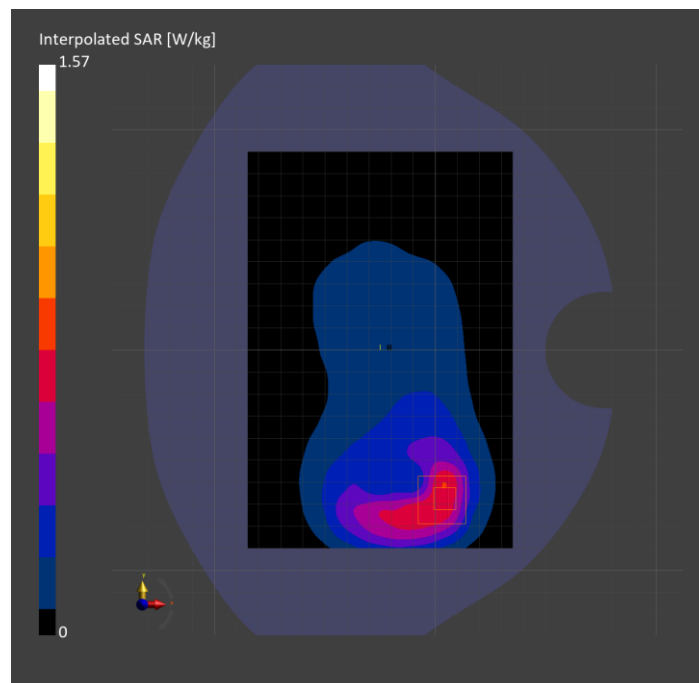
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		72.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.57, 4.2, -67.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.668	0.687
psSAR10g [W/Kg]	0.431	0.368
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 12	TSL Permittivity	44.1
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.828
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.81	Test Distance [mm]	5.00

Hardware Setup

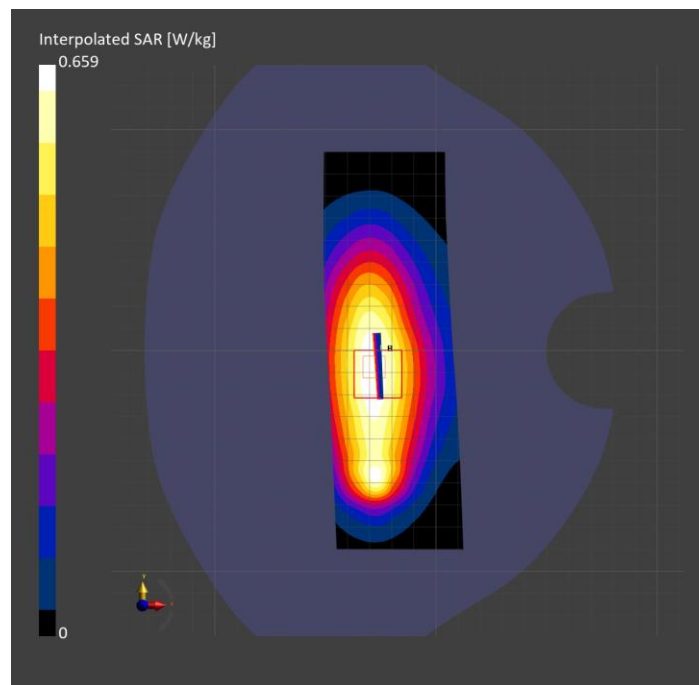
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [%]		86.3
Dist 3dB Peak [mm]		17.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.659, -28.0, -7.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.408	0.420
psSAR10g [W/Kg]	0.278	0.279
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 13	TSL Permittivity	40.2
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.869
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.48	Test Distance [mm]	0.00

Hardware Setup

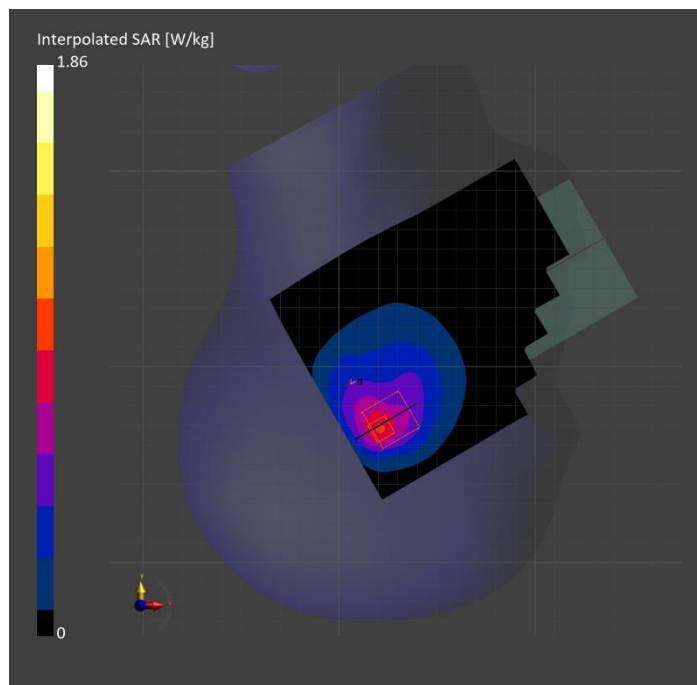
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.8
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.86, 21.2, -332.2, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.780	0.746
psSAR10g [W/Kg]	0.484	0.418
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 13	TSL Permittivity	42.2
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.920
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

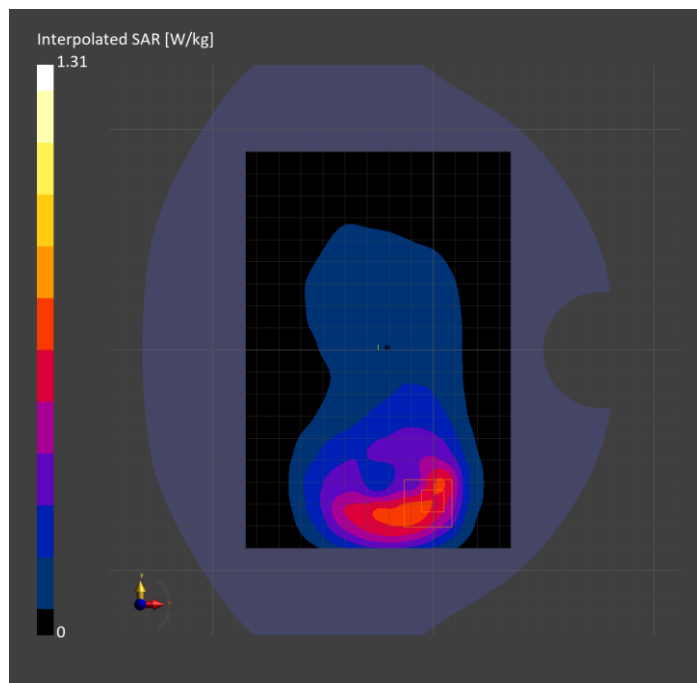
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.31, -0.3, -68.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.615	0.612
psSAR10g [W/Kg]	0.393	0.337
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 13	TSL Permittivity	42.2
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.920
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

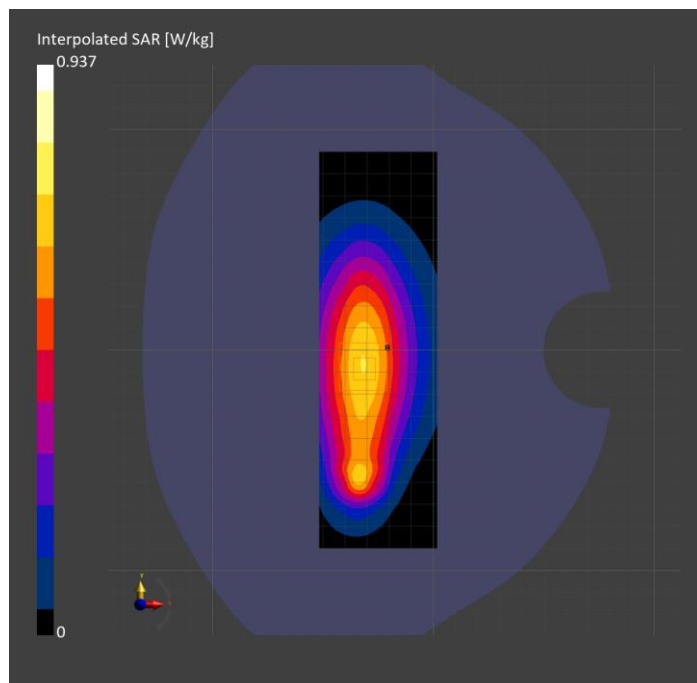
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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	0.937, -31.2, -8.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.615	0.612
psSAR10g [W/Kg]	0.410	0.410
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 14	TSL Permittivity	43.0
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.863
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

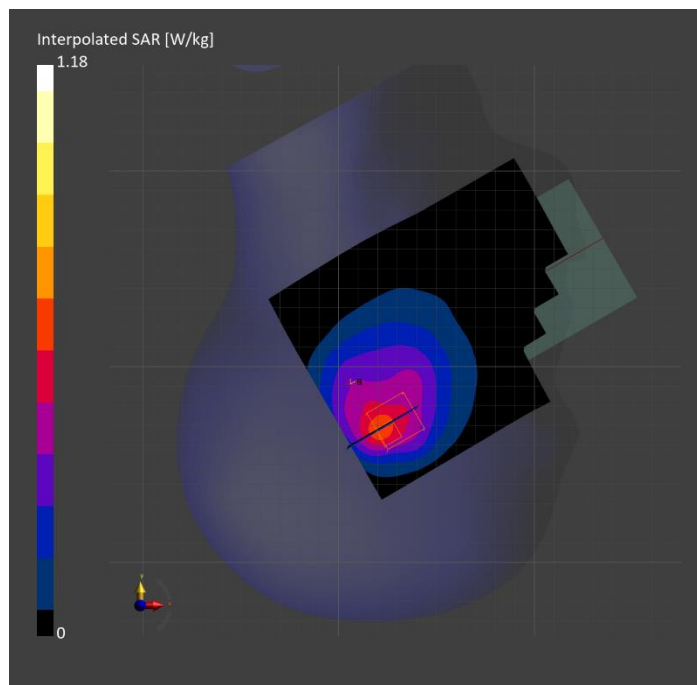
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.18, 25.2, -334.4, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.551	0.550
psSAR10g [W/Kg]	0.352	0.329
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 14	TSL Permittivity	40.1
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.874
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

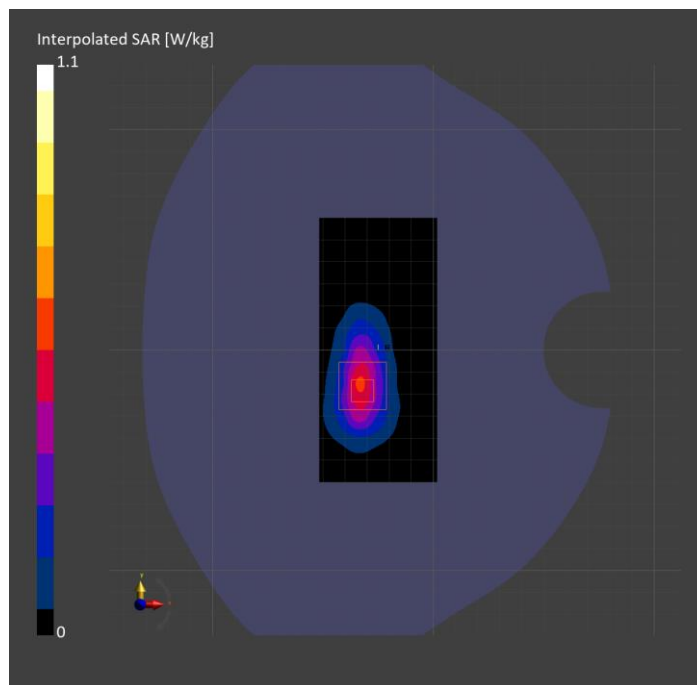
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.10, -32.1, -18.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.460	0.466
psSAR10g [W/Kg]	0.252	0.219
Power Drift [dB]	N/A	-0.08



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

Exposure Conditions

Band	Band 14	TSL Permittivity	44.8
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.918
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	0.00

Hardware Setup

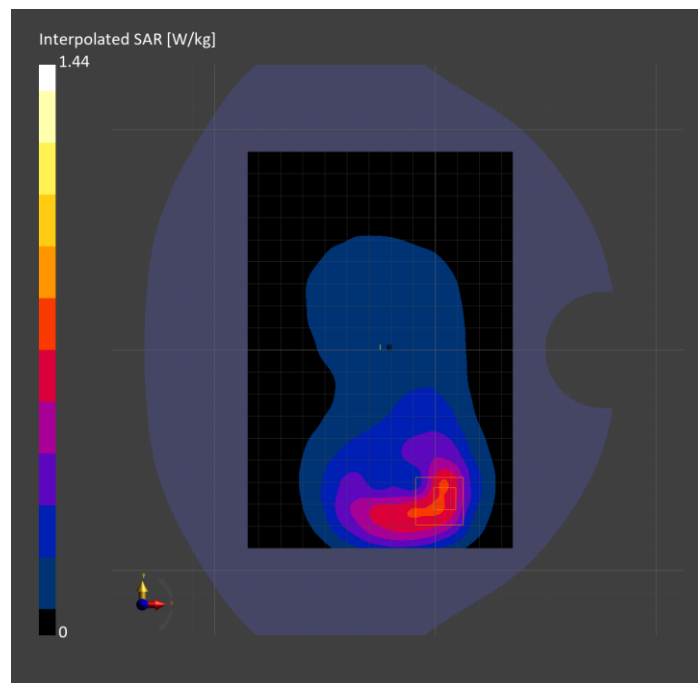
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		73.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.44, 4.2, -67.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.641	0.648
psSAR10g [W/Kg]	0.411	0.353
Power Drift [±0.2 dB]	N/A	0.06



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

Exposure Conditions

Band	Band 25	TSL Permittivity	38.7
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.35
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.81	Test Distance [mm]	5.00

Hardware Setup

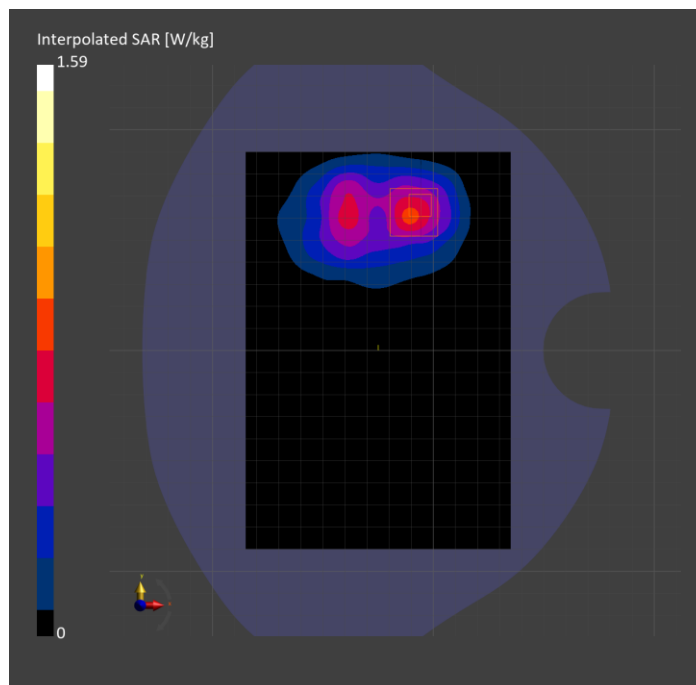
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.59, -6.0, 65.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.667	0.834
psSAR10g [W/Kg]	0.368	0.425
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	Band 25	TSL Permittivity	40.2
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.39
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.81	Test Distance [mm]	5.00

Hardware Setup

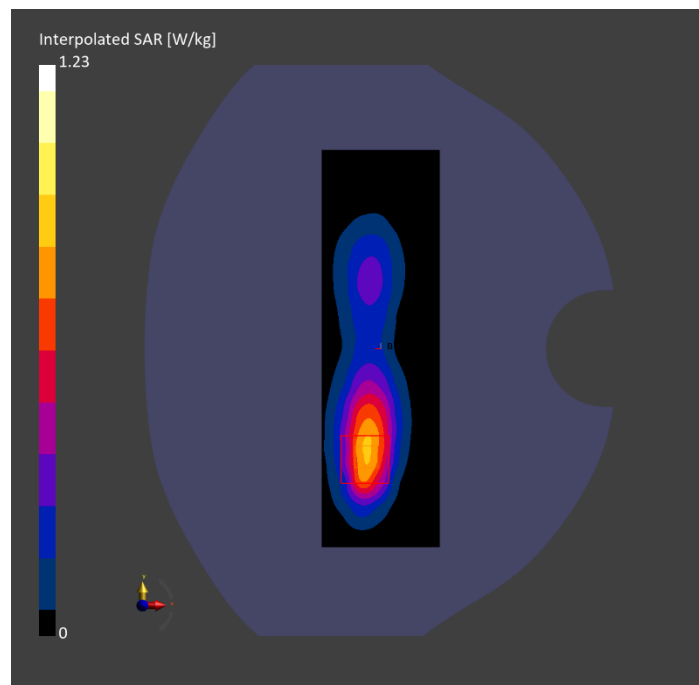
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		85.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.22, -31.5, -49.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.684	0.686
psSAR10g [W/Kg]	0.361	0.355
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 25	TSL Permittivity	42.4
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.27	Test Distance [mm]	0.00

Hardware Setup

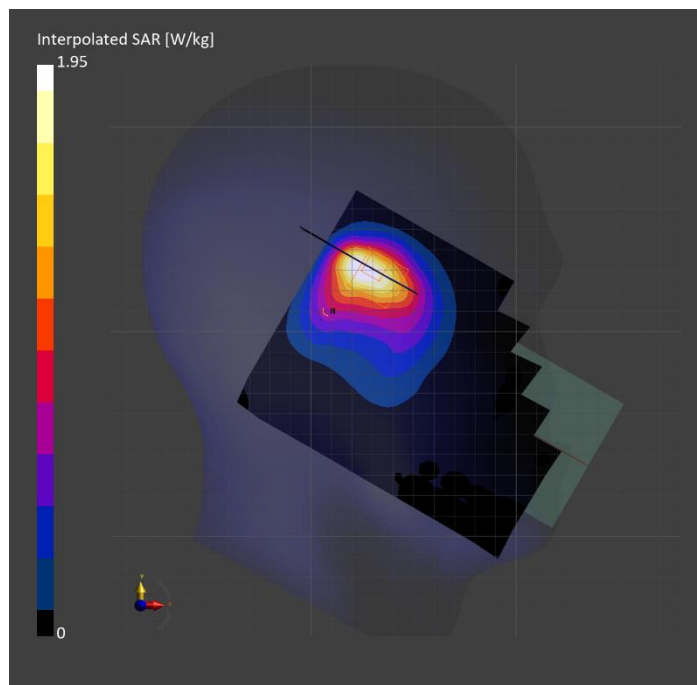
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	64.8 x 64.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.4 x 5.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.95, 31.1, 331.7, -174.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.894	0.920
psSAR10g [W/Kg]	0.503	0.517
Power Drift [±0.2 dB]	N/A	0.07



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

Exposure Conditions

Band	Band 26	TSL Permittivity	41.5
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.891
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.16	Test Distance [mm]	0.00

Hardware Setup

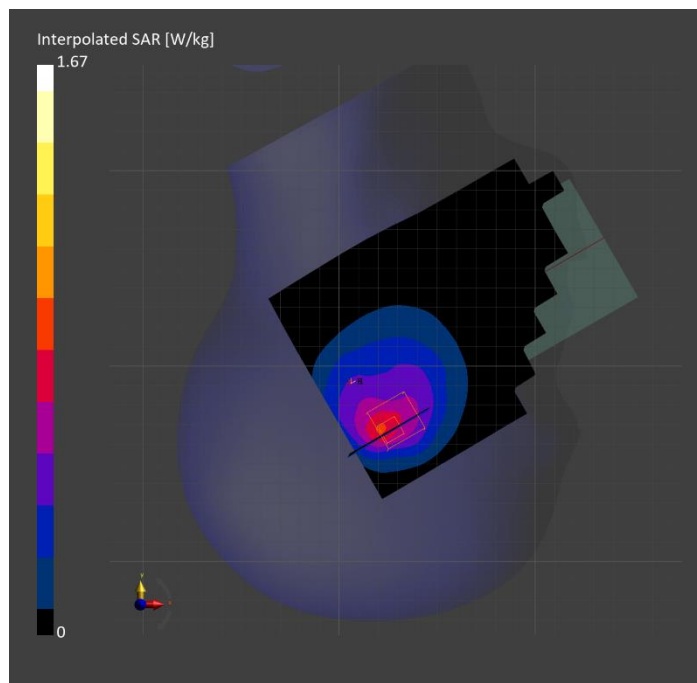
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	47.2 x 47.2 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		72.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.67, 26.2, -333.0, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.701	0.702
psSAR10g [W/Kg]	0.441	0.406
Power Drift [±0.2 dB]	N/A	-0.10



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

Exposure Conditions

Band	Band 26	TSL Permittivity	41.5
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.891
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

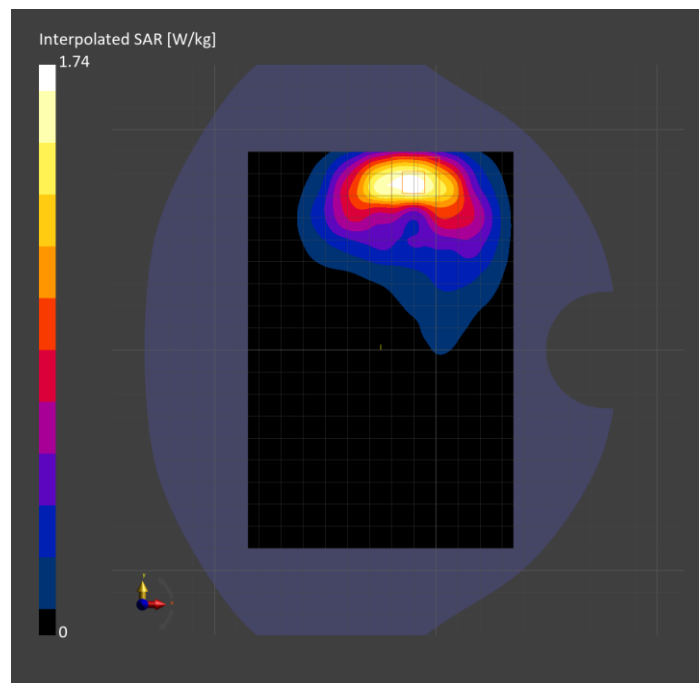
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.74, -10.2, 76.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.790	0.791
psSAR10g [W/Kg]	0.483	0.409
Power Drift [±0.2 dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 26	TSL Permittivity	43.4
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.888
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

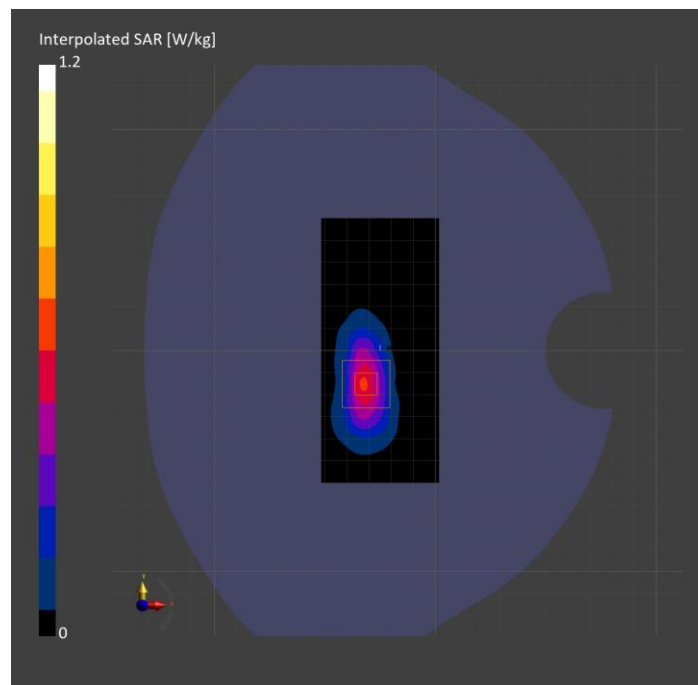
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		74.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.20, -31.4, -15.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.495	0.499
psSAR10g [W/Kg]	0.264	0.229
Power Drift [±0.2 dB]	N/A	-0.09



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

Exposure Conditions

Band	Band 30	TSL Permittivity	40.6
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.63
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	5.00

Hardware Setup

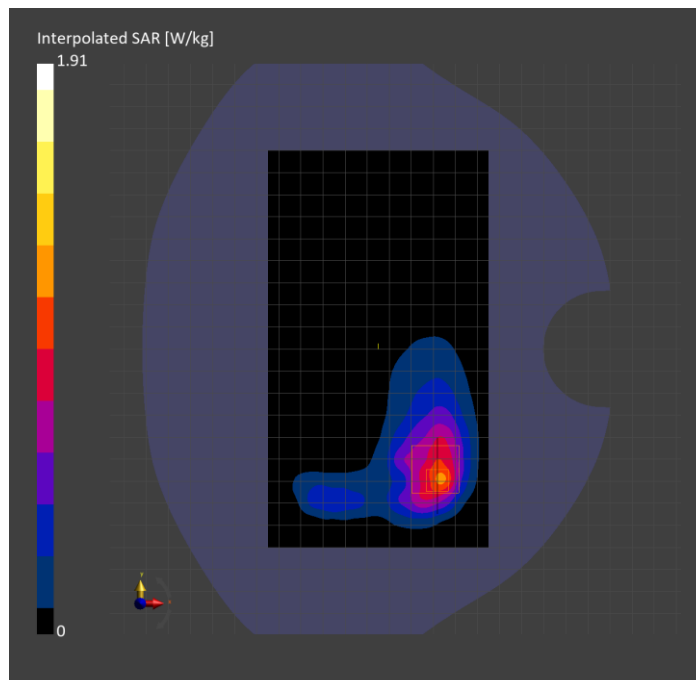
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.91, 1.8, -59.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.874	0.902
psSAR10g [W/Kg]	0.444	0.447
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	Band 30	TSL Permittivity	39.3
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.65
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.51	Test Distance [mm]	0.00

Hardware Setup

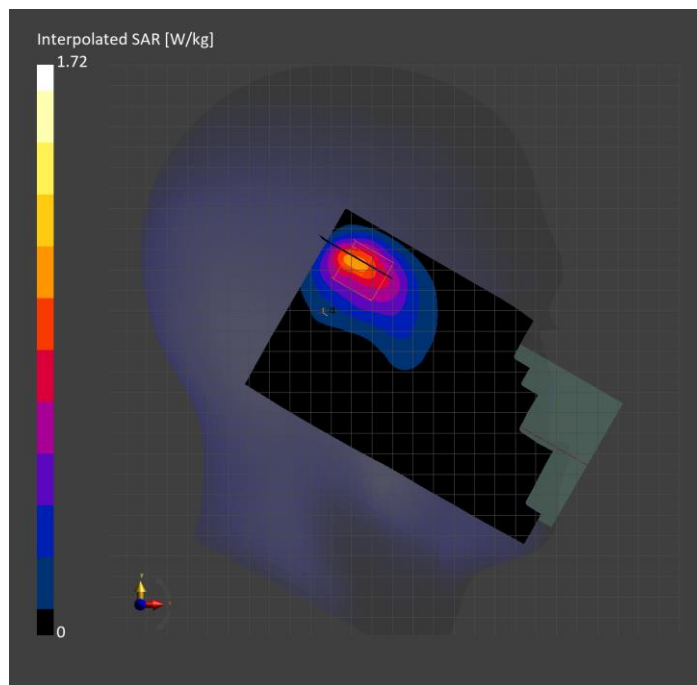
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.72, 22.8, 334.4, -169.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.831	0.871
psSAR10g [W/Kg]	0.423	0.451
Power Drift [±0.2 dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 30	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.63
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.14	Test Distance [mm]	5.00

Hardware Setup

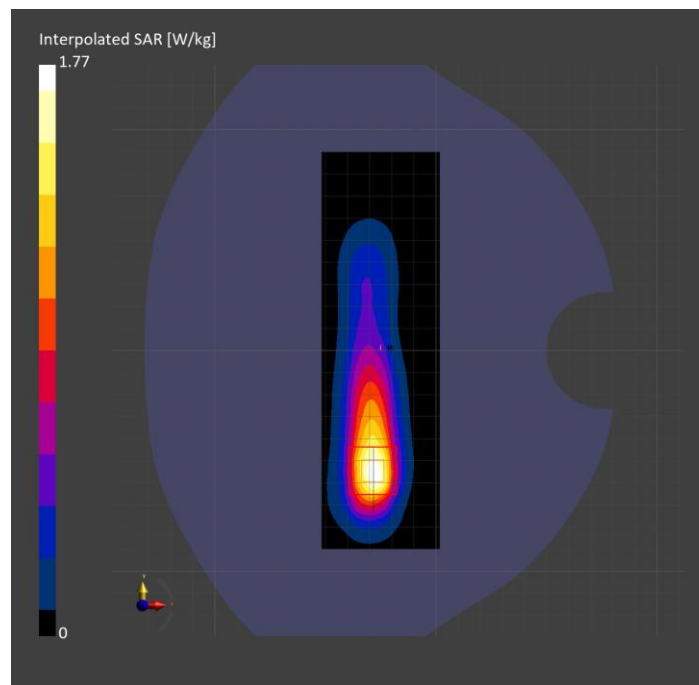
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		78.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.77, -28.6, -54.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.766	0.826
psSAR10g [W/Kg]	0.371	0.377
Power Drift [±0.2 dB]	N/A	0.04



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

Exposure Conditions

Band	Band 41	TSL Permittivity	41.8
Frequency [MHz] Channel Number	2549.500 40185	TSL Conductivity [S/m]	1.84
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.84	Test Distance [mm]	5.00

Hardware Setup

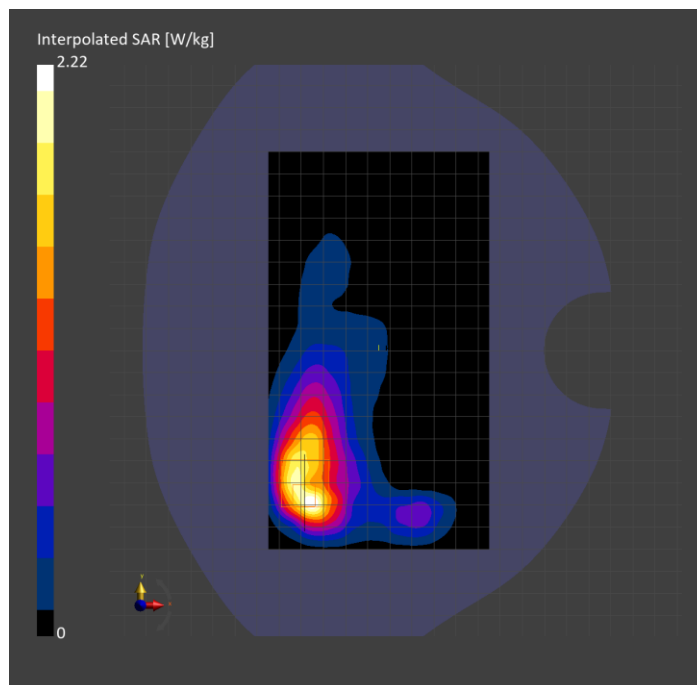
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DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.22, -58.9, -65.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.870	0.998
psSAR10g [W/Kg]	0.446	0.465
Power Drift [±0.2 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:High AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 41	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2636.500 41055	TSL Conductivity [S/m]	1.92
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

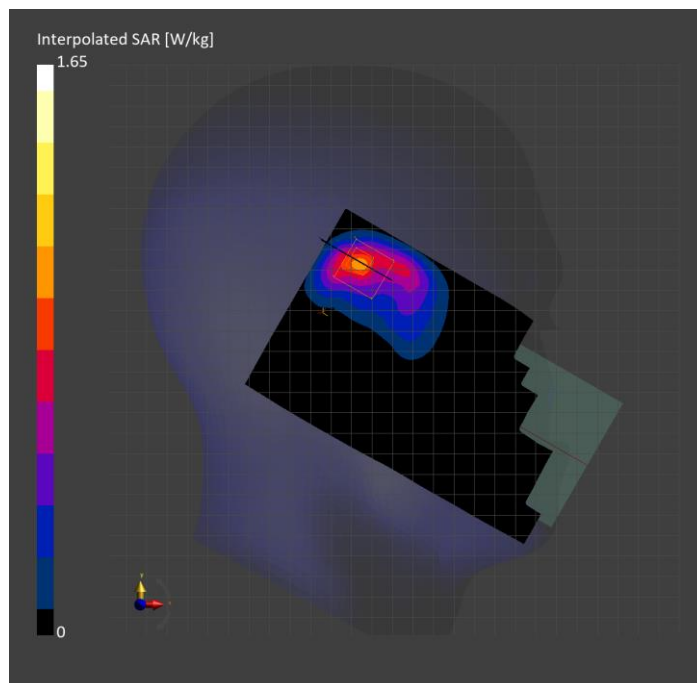
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DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.71, 23.8, 334.4, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.761	0.804
psSAR10g [W/Kg]	0.360	0.383
Power Drift [±0.2 dB]	N/A	-0.03



Band 41: LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 41	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.90
Group UID	LTE-TDD 10512-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

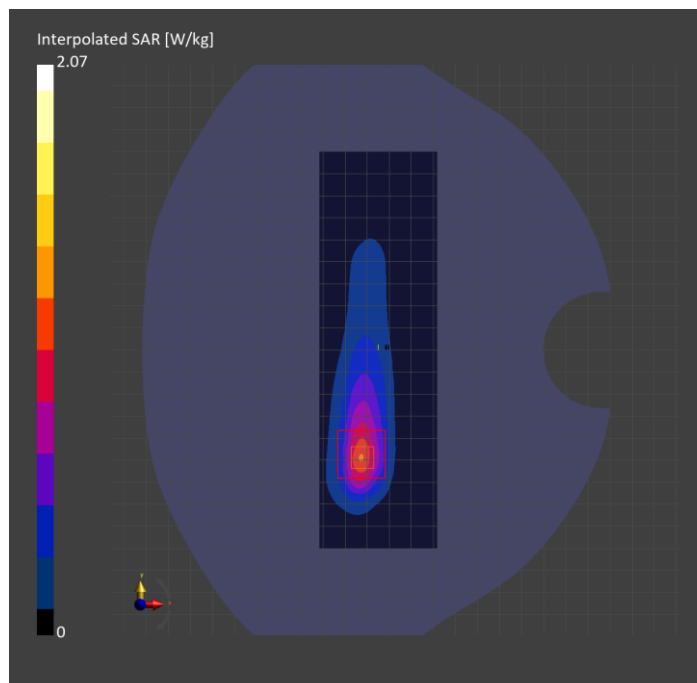
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		77.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.07, -32.0, -48.8, -206.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.895	0.918
psSAR10g [W/Kg]	0.398	0.402
Power Drift [±0.2 dB]	N/A	-0.04



Band 48: 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 48	TSL Permittivity	41.0
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.79
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.42	Test Distance [mm]	5.00

Hardware Setup

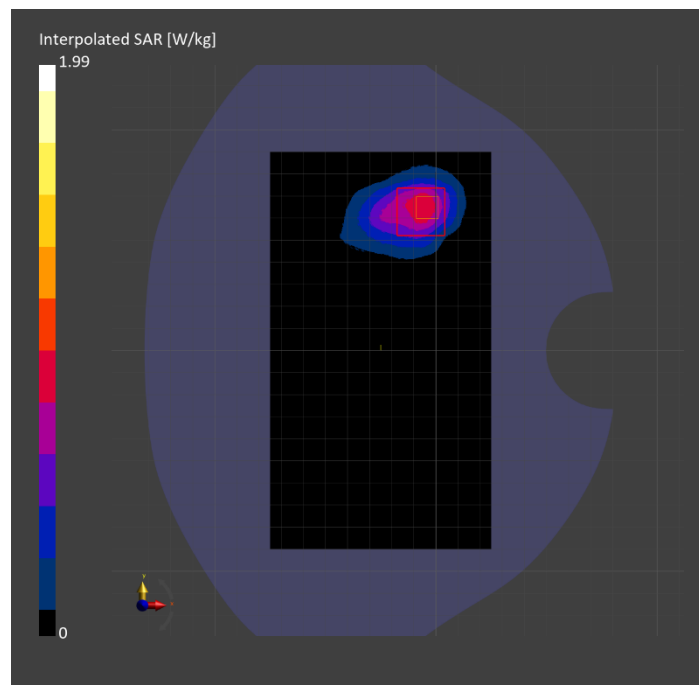
Probe Calibration Date	EX3DV4 - SN7448 2025-02-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.4
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.99, -3.9, 64.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.748	0.796
psSAR10g [W/Kg]	0.332	0.345
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band 48	TSL Permittivity	37.6
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.92
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	5.73	Test Distance [mm]	5.00

Hardware Setup

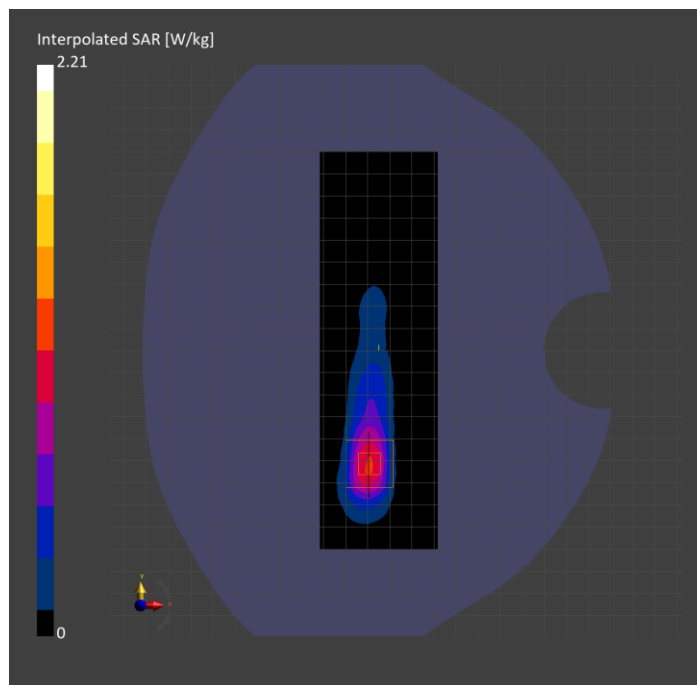
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DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.9 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 [> 30%]		72.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.21, -29.2, -51.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.825	0.808
psSAR10g [W/Kg]	0.328	0.306
Power Drift [±0.2 dB]	N/A	-0.02



**Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)
RBPosition:High AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band 48	TSL Permittivity	37.2
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.78
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.88	Test Distance [mm]	0.00

Hardware Setup

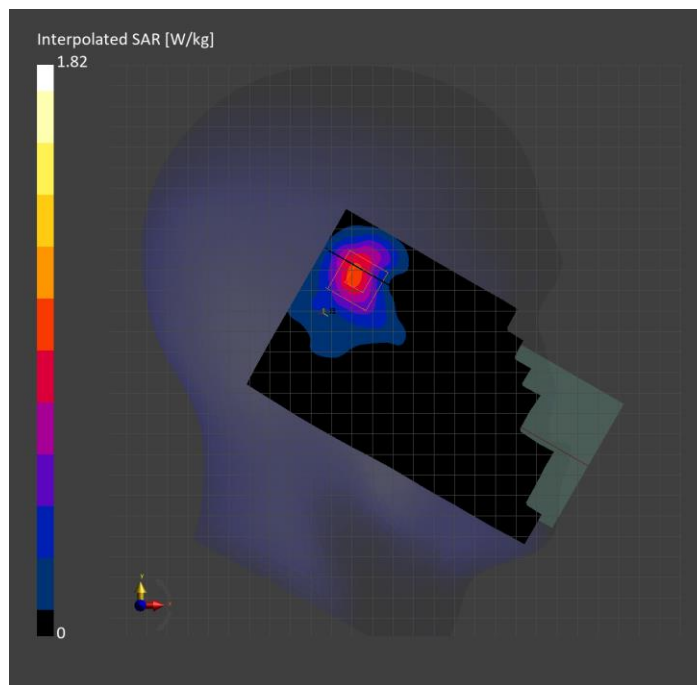
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		79.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.82, 23.1, 326.2, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.791
psSAR10g [W/Kg]	0.327	0.330
Power Drift [±0.2 dB]	N/A	0.03



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

Exposure Conditions

Band	Band 53	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.84
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.39	Test Distance [mm]	5.00

Hardware Setup

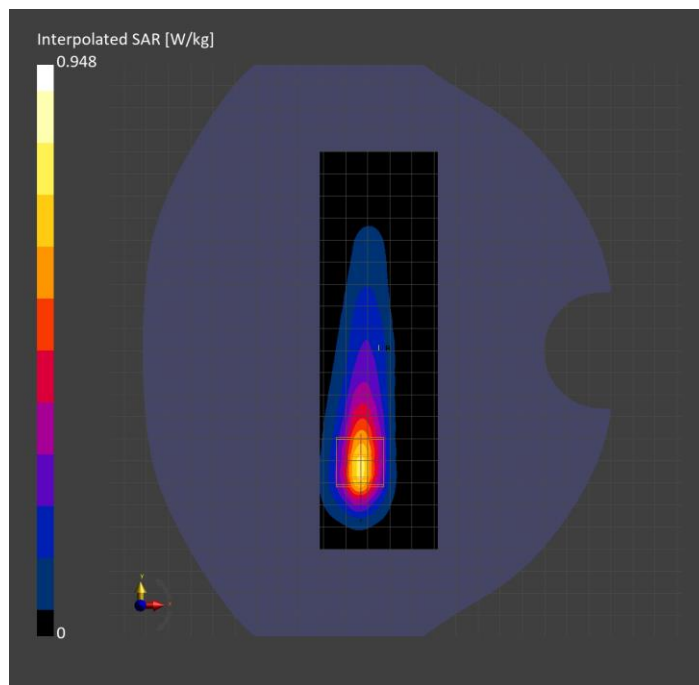
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		82.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.948, -33.5, -52.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.555	0.485
psSAR10g [W/Kg]	0.252	0.227
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Band 53	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.84
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.39	Test Distance [mm]	0.00

Hardware Setup

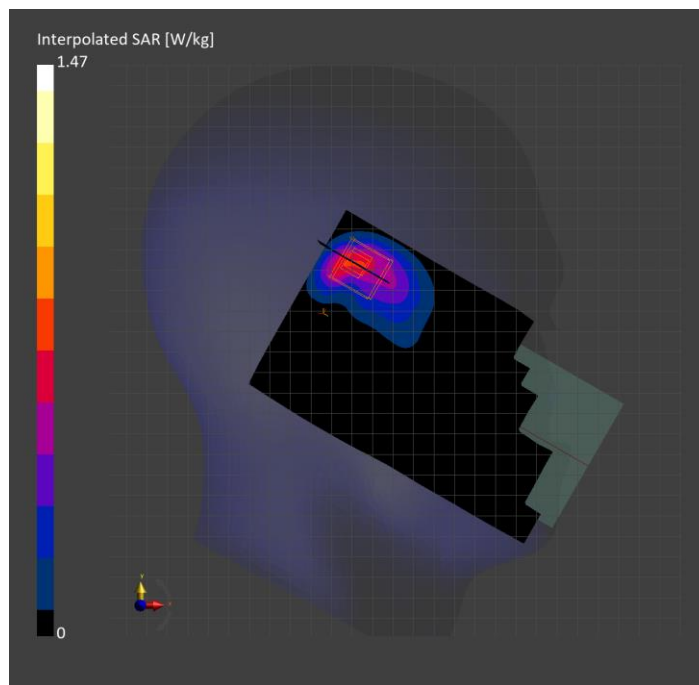
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.47, 22.8, 334.4, -169.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.580	0.619
psSAR10g [W/Kg]	0.287	0.287
Power Drift [±0.2 dB]	N/A	0.03



**Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)
RBPosition:Low AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band 53	TSL Permittivity	39.1
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.84
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.39	Test Distance [mm]	5.00

Hardware Setup

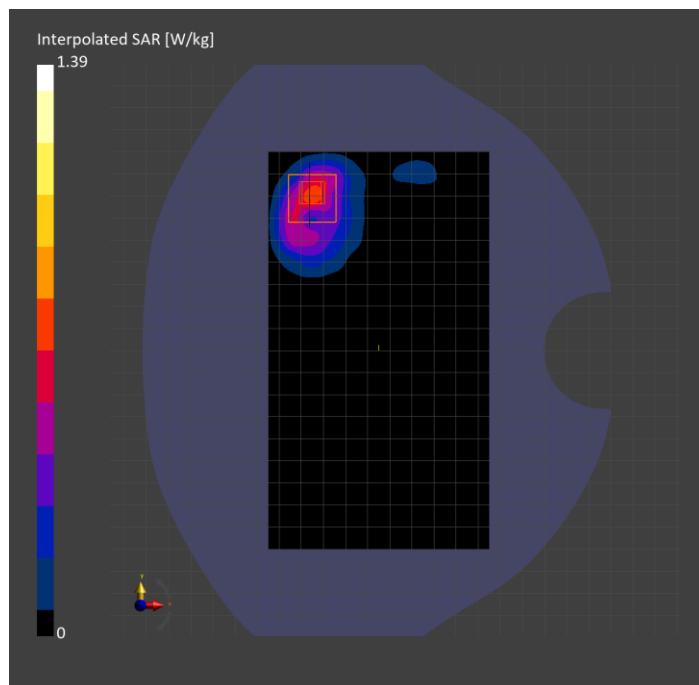
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DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.39, -56.0, 71.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.577	0.606
psSAR10g [W/Kg]	0.272	0.270
Power Drift [±0.2 dB]	N/A	-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	42.0
Frequency [MHz] Channel Number	1720.000 132072	TSL Conductivity [S/m]	1.26
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

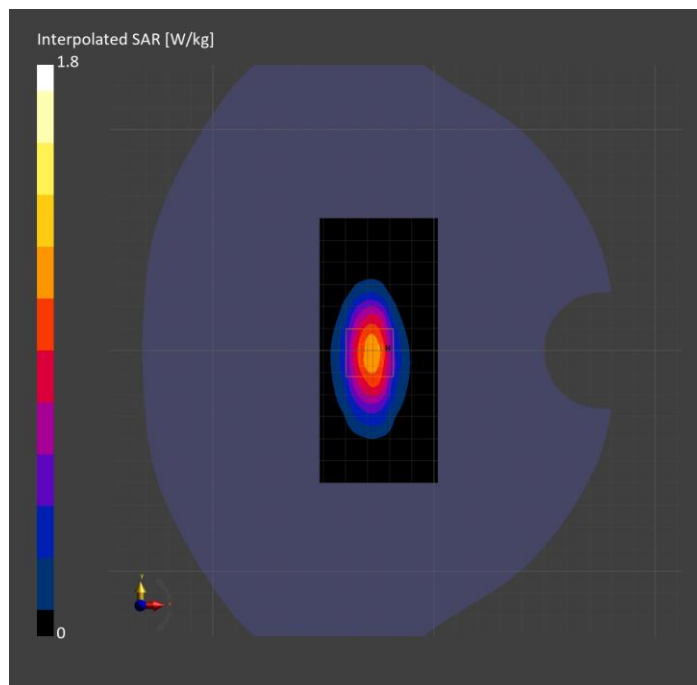
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		83.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.80, -28.5, -2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.935	0.942
psSAR10g [W/Kg]	0.491	0.483
Power Drift [±0.2 dB]	N/A	0.03



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

Exposure Conditions

Band	Band 66	TSL Permittivity	40.2
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.67	Test Distance [mm]	0.00

Hardware Setup

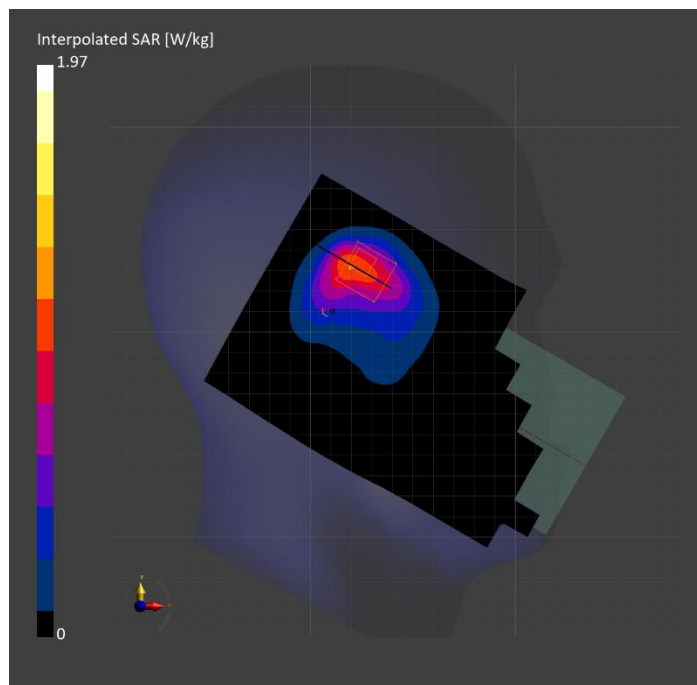
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.96, 25.2, 334.4, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.911	0.966
psSAR10g [W/Kg]	0.520	0.523
Power Drift [±0.2 dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 66	TSL Permittivity	40.2
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

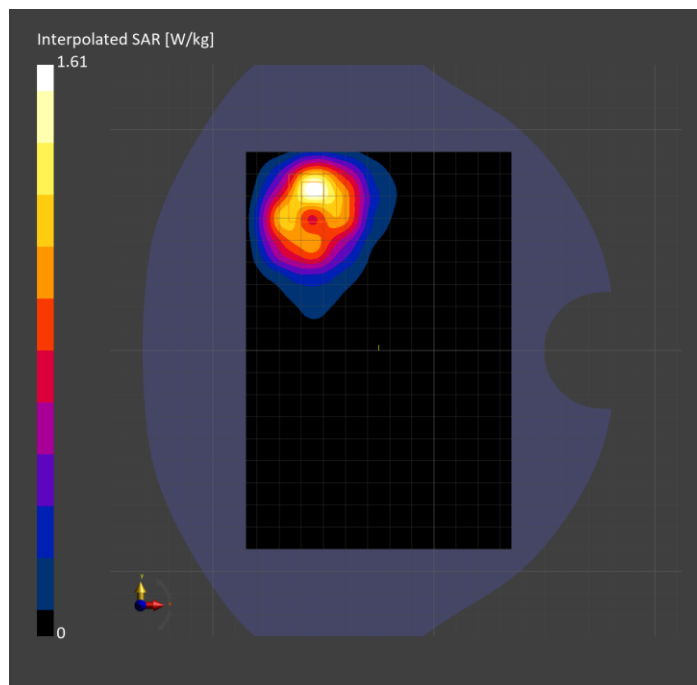
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DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.61, -54.8, 71.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.694	0.756
psSAR10g [W/Kg]	0.381	0.397
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 71	TSL Permittivity	42.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.838
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

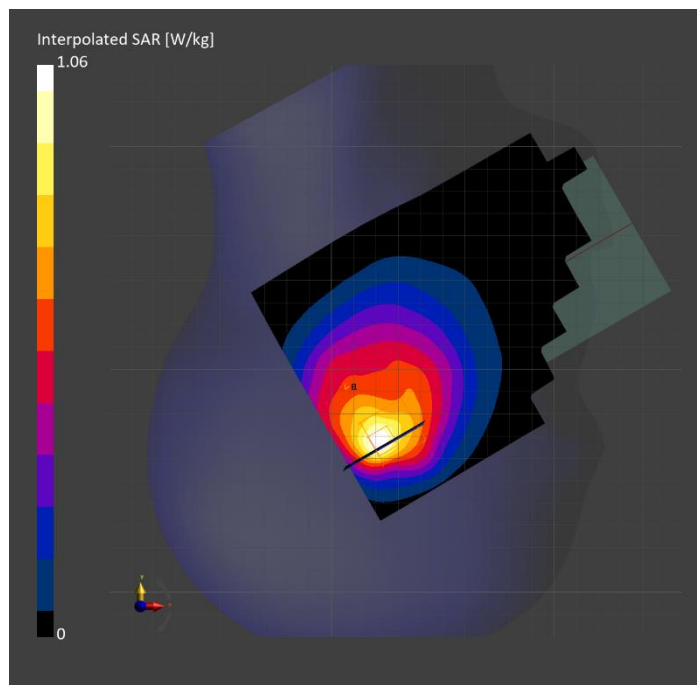
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	41.6 x 41.6 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.2 x 5.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		66.6
Dist 3dB Peak [mm]		6.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.06, 22.9, -332.5, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.379	0.387
psSAR10g [W/Kg]	0.239	0.218
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.7
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.870
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

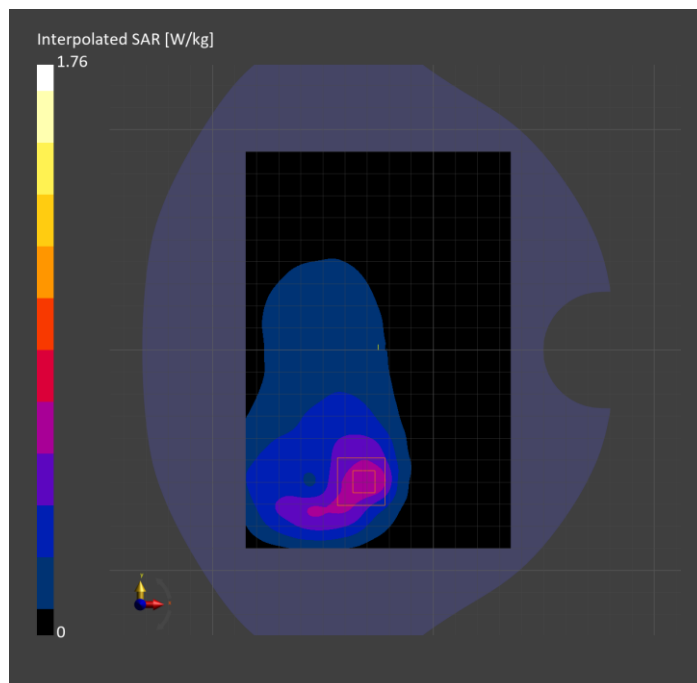
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.6
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, -31.5, -59.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.615	0.728
psSAR10g [W/Kg]	0.396	0.380
Power Drift [dB]	N/A	-0.11



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

Exposure Conditions

Band	Band 71	TSL Permittivity	41.7
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.870
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

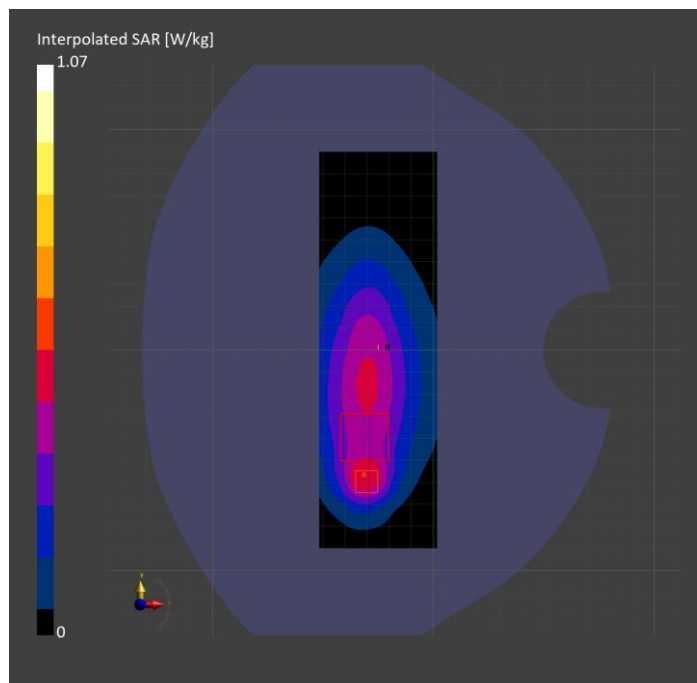
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	42.0 x 54.0 x 31.2
Grid Steps [mm]	8.9 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 [%]		66.3
Dist 3dB Peak [mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.07, -30.2, -59.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.443	0.440
psSAR10g [W/Kg]	0.279	0.262
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n5	TSL Permittivity	43.9
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.921
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.09	Test Distance [mm]	0.00

Hardware Setup

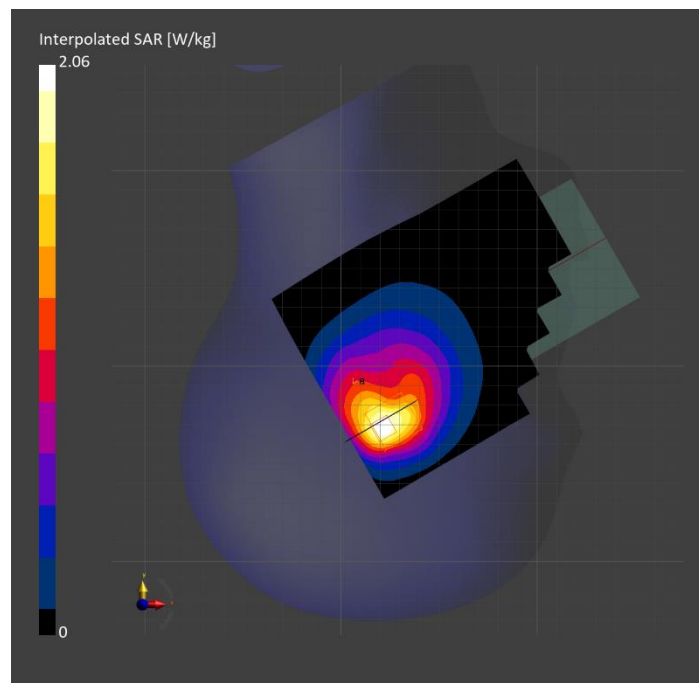
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.1
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.06, 21.2, -332.2, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.805	0.796
psSAR10g [W/Kg]	0.500	0.440
Power Drift [dB]	N/A	-0.11



**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	40.0
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.891
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

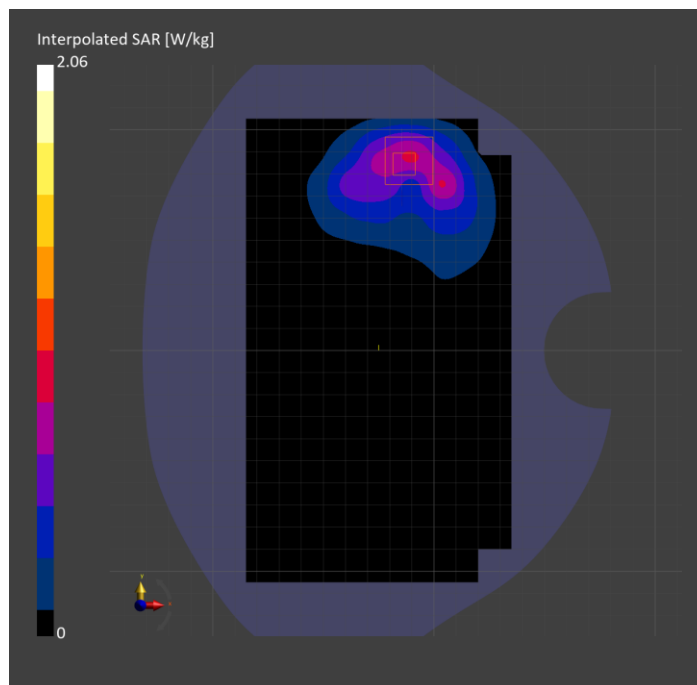
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.06, -13.5, 84.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.921
psSAR10g [W/Kg]	0.458	0.472
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n5	TSL Permittivity	40.0
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.891
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

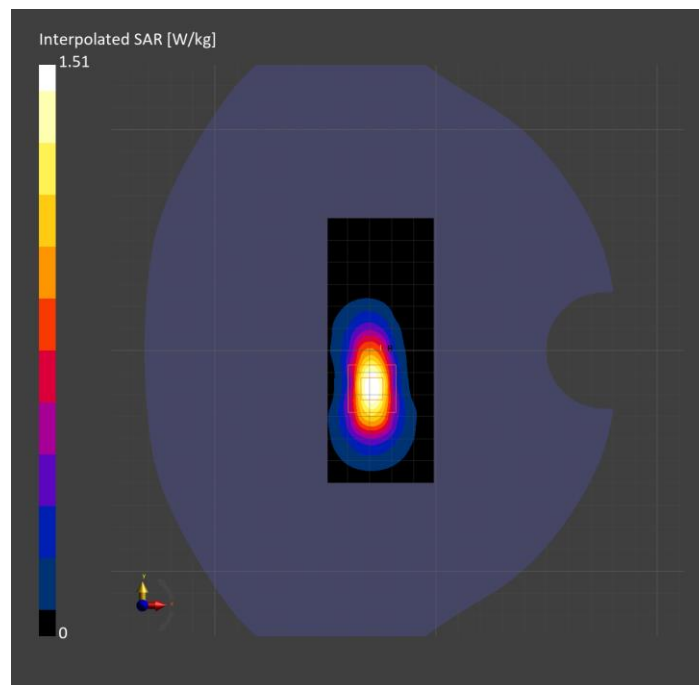
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.4
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.51, -28.9, -17.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.677	0.658
psSAR10g [W/Kg]	0.360	0.303
Power Drift [dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n7	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

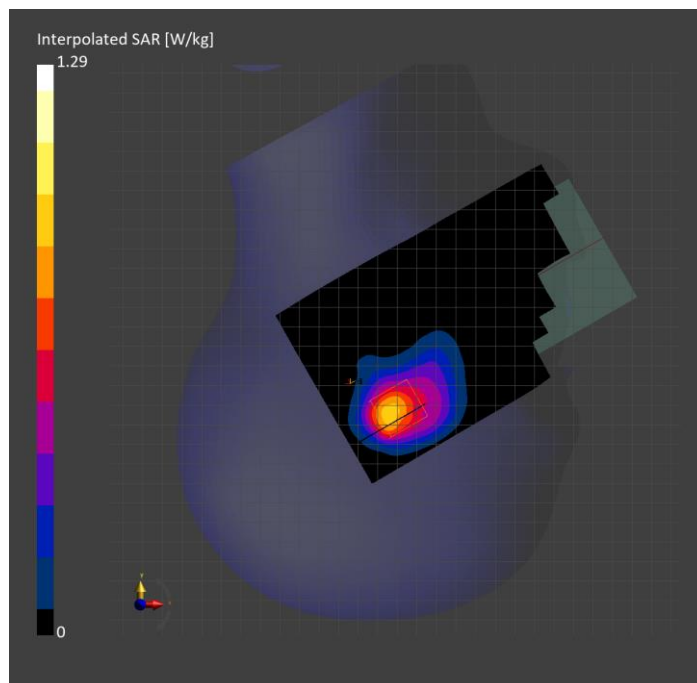
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		11.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.29, 26.4, -324.3, -170.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.750
psSAR10g [W/Kg]	0.366	0.390
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n7	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.81
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

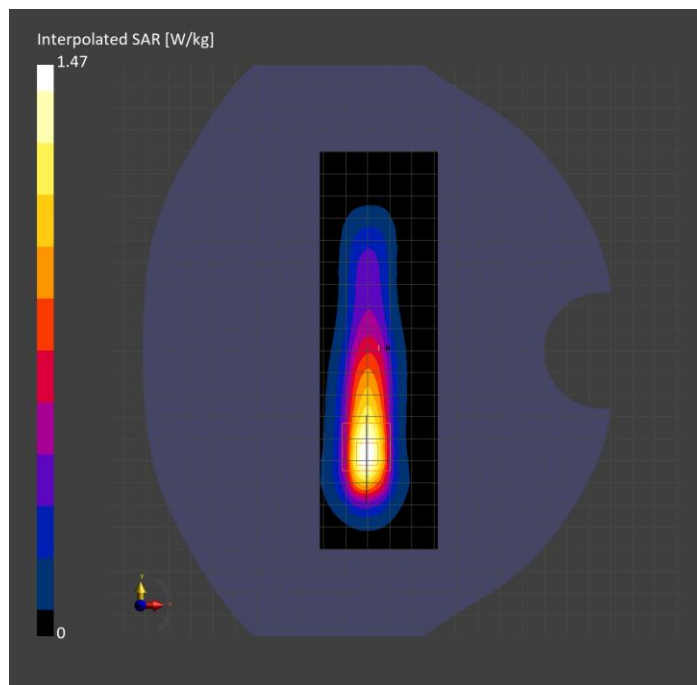
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.47, -30.2, -47.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.715	0.738
psSAR10g [W/Kg]	0.337	0.344
Power Drift [±0.2 dB]	N/A	0.03



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

Exposure Conditions

Band	Band n7	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.78
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

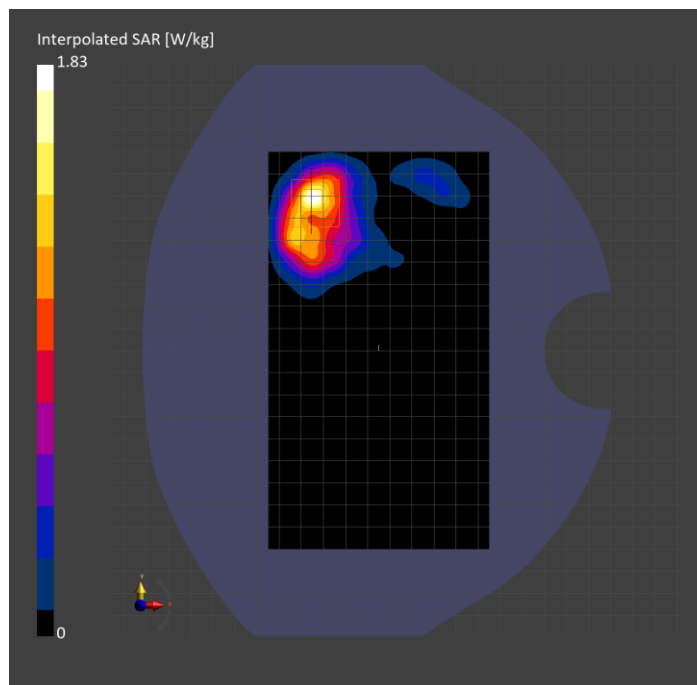
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.83, -55.5, 67.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	0.805
psSAR10g [W/Kg]	0.346	0.358
Power Drift [±0.2 dB]	N/A	-0.07



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

Exposure Conditions

Band	Band n12	TSL Permittivity	39.1
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.880
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

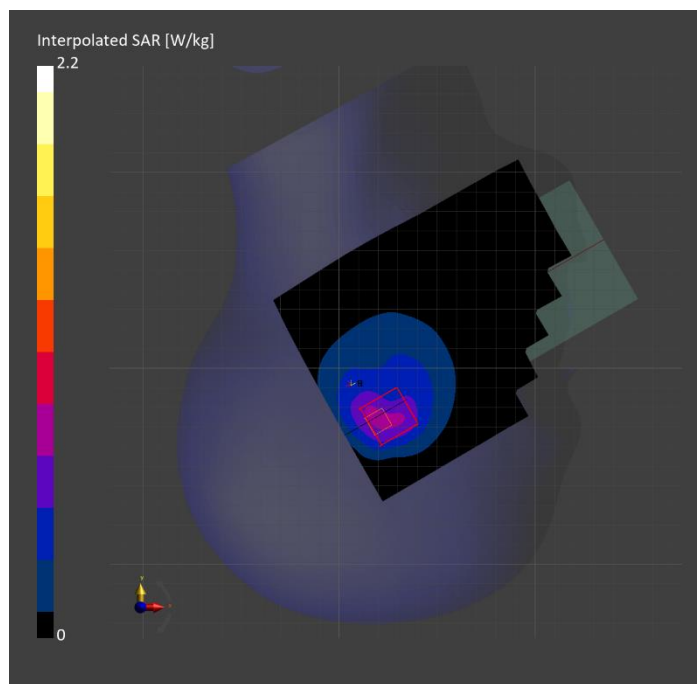
Probe Calibration Date	EX3DV4 - SN7589 (Sensor X Alignment Disabled) 2025-04-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		63.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.20, 19.8, -327.5, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.674	0.730
psSAR10g [W/Kg]	0.441	0.392
Power Drift [±0.2 dB]	N/A	-0.08



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	43.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.814
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

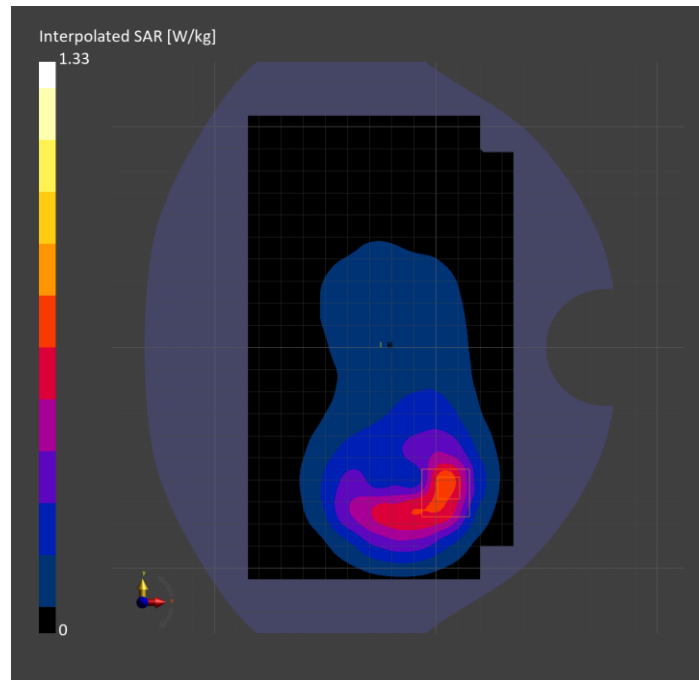
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		9.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.33, 5.7, -63.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.627	0.625
1psSAR10g [W/Kg]	0.395	0.334
Power Drift [dB]	N/A	-0.07



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

Exposure Conditions

Band	Band n12	TSL Permittivity	43.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.814
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

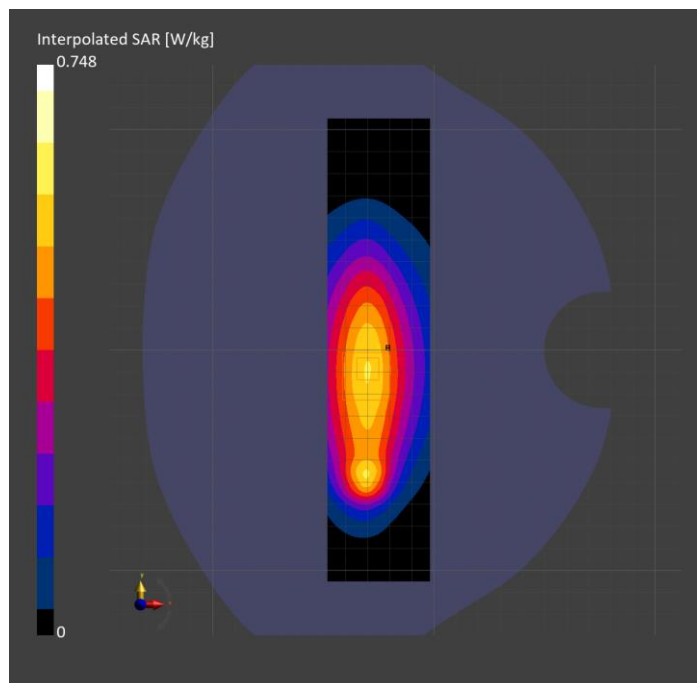
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	46.4 x 210.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	5.8 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 [%]		86.6
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.748, -29.9, -8.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.491	0.486
psSAR10g [W/Kg]	0.331	0.331
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n14	TSL Permittivity	38.6
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.871
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

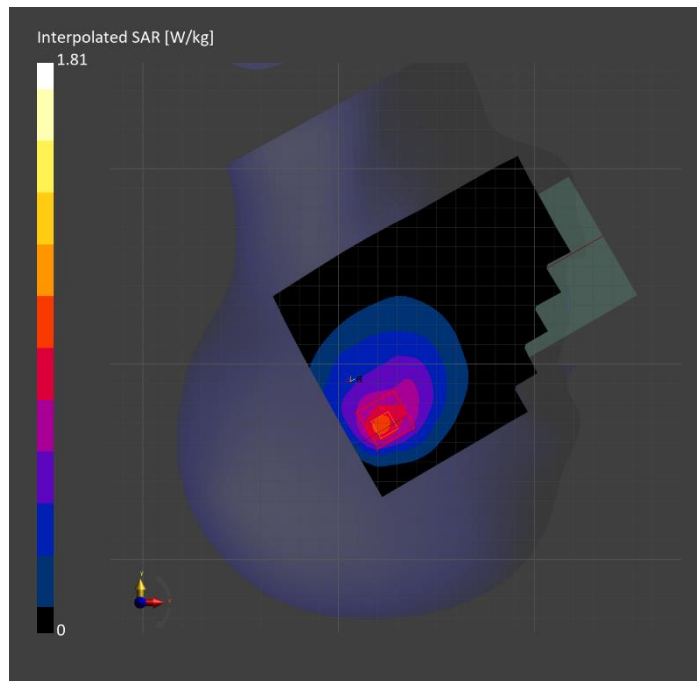
Probe Calibration Date	EX3DV4 - SN7589 (Sensor X Alignment Disabled) 2025-04-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.81, 23.3, -331.5, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.795	0.777
psSAR10g [W/Kg]	0.497	0.428
Power Drift [±0.2 dB]	N/A	-0.03



**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	43.3
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.840
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

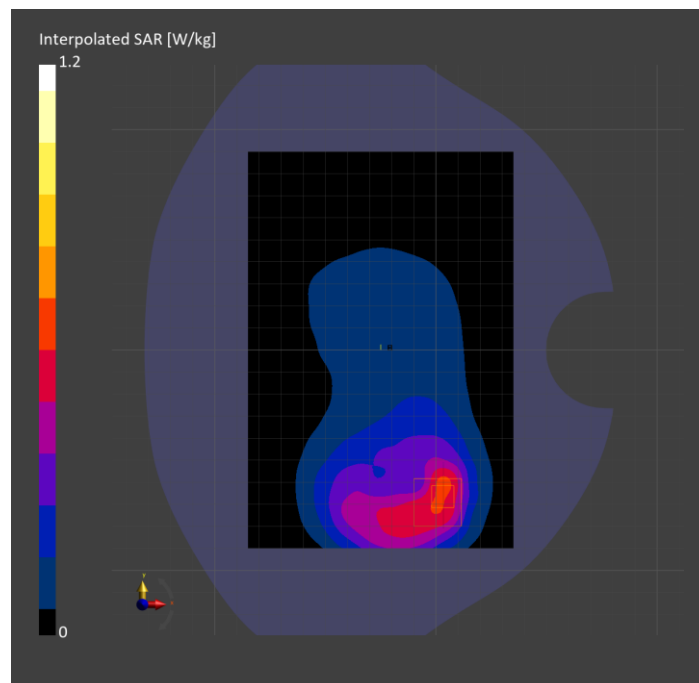
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.5
Dist 3dB Peak [mm]		8.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.19, 3.1, -66.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.537	0.563
psSAR10g [W/Kg]	0.346	0.308
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n14	TSL Permittivity	43.3
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.840
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

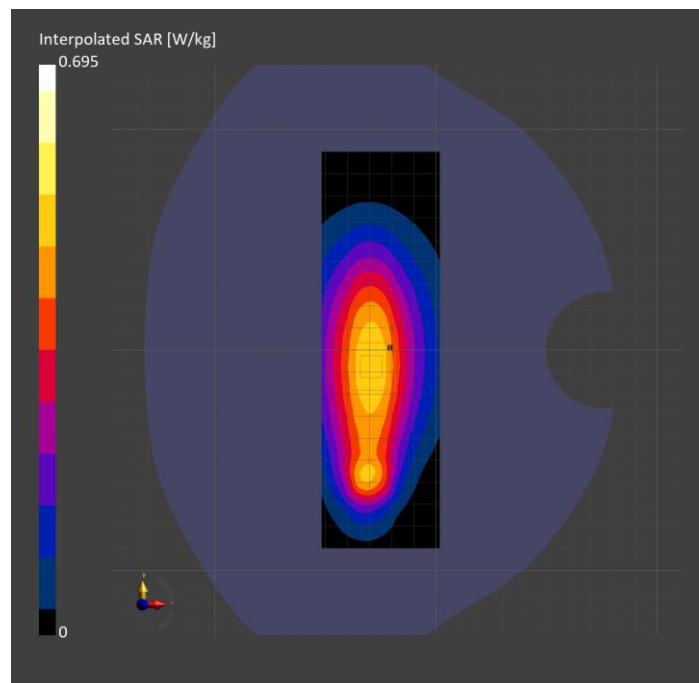
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		87.3
Dist 3dB Peak [mm]		19.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.695, -29.3, -7.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.450	0.453
psSAR10g [W/Kg]	0.302	0.304
Power Drift [dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n25	TSL Permittivity	38.9
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.49
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.05	Test Distance [mm]	0.00

Hardware Setup

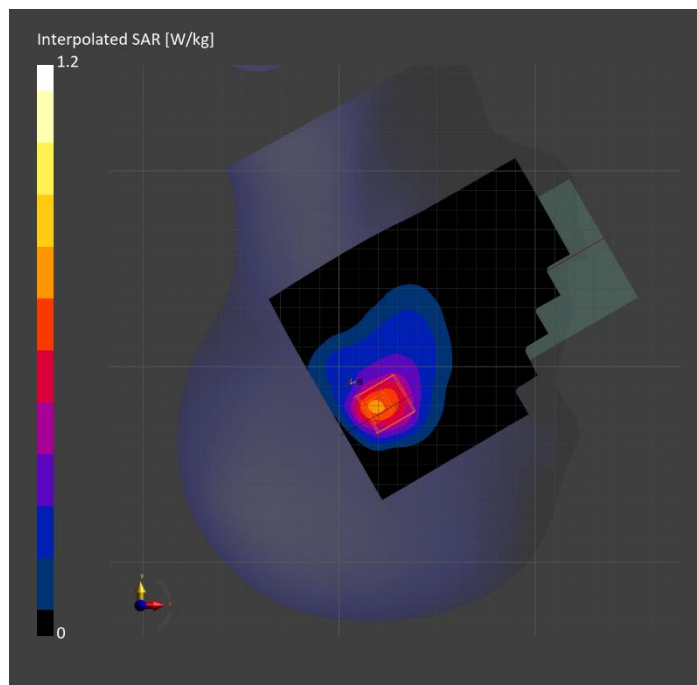
Probe Calibration Date	EX3DV4 - SN7335 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1892 2025-03-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		91.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.20, 20.0, -322.3, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.582	0.709
psSAR10g [W/Kg]	0.326	0.369
Power Drift [±0.2 dB]	0.01	0.02



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

Exposure Conditions

Band	Band n25	TSL Permittivity	40.3
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.37
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	5.00

Hardware Setup

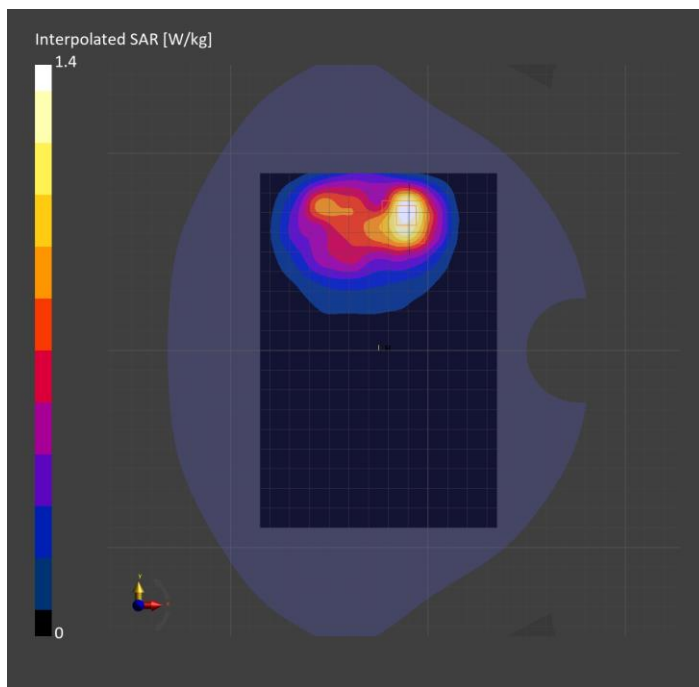
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.40, -10.9, 68.5, -206.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.618	0.764
psSAR10g [W/Kg]	0.339	0.385
Power Drift [±0.2 dB]	N/A	-0.09



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

Exposure Conditions

Band	Band n25	TSL Permittivity	43.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.36
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	5.00

Hardware Setup

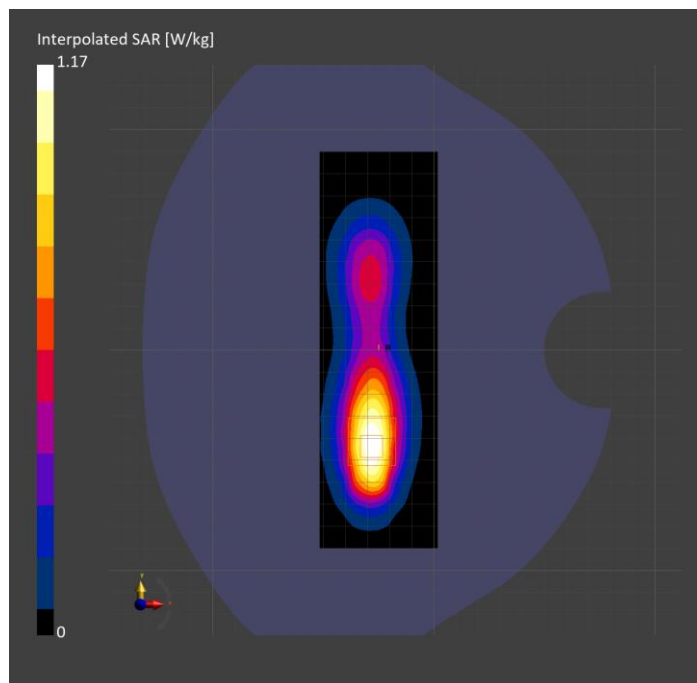
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		83.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.17, -28.2, -43.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.615	0.639
psSAR10g [W/Kg]	0.330	0.345
Power Drift [±0.2 dB]	N/A	-0.04



**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	38.7
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.924
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.35	Test Distance [mm]	0.00

Hardware Setup

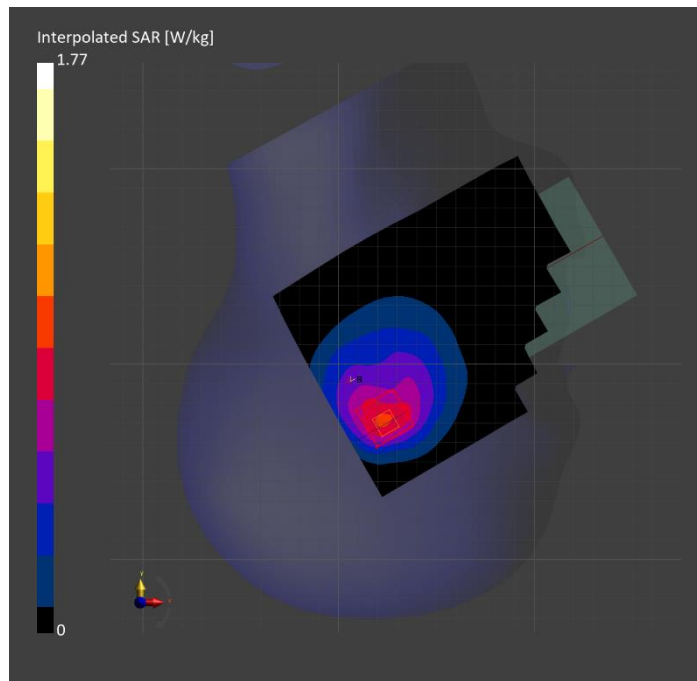
Probe Calibration Date	EX3DV4 - SN7589 (Sensor X Alignment Disabled) 2025-04-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.1
Dist 3dB Peak [mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.77, 23.8, -330.5, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.771	0.771
psSAR10g [W/Kg]	0.497	0.429
Power Drift [dB]	N/A	-0.10



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

Exposure Conditions

Band	Band n26	TSL Permittivity	44.0
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.921
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

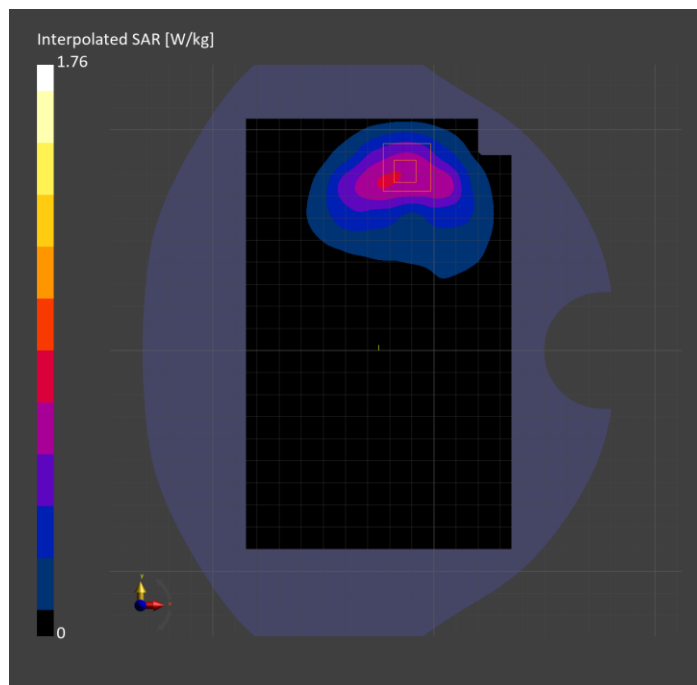
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.72, -13.1, 81.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.653	0.790
psSAR10g [W/Kg]	0.430	0.403
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n26	TSL Permittivity	44.0
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.921
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

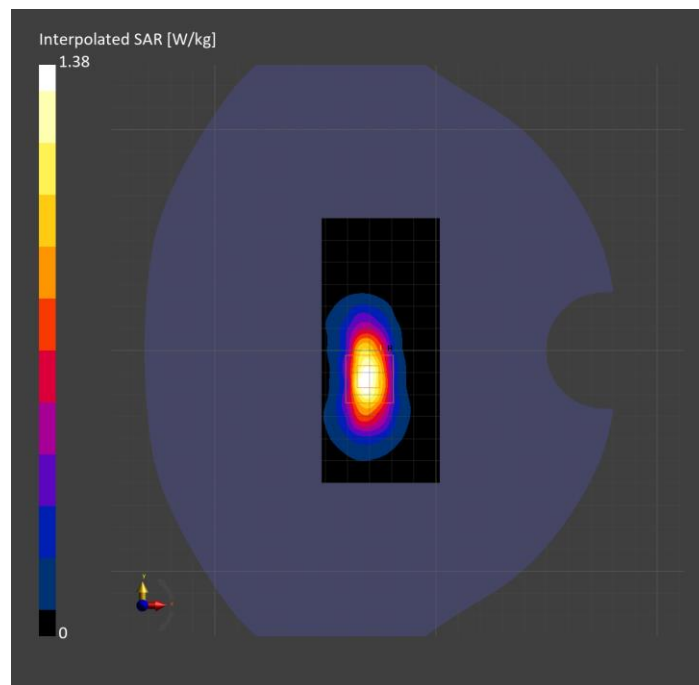
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	8.9 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 [%]		75.6
Dist 3dB Peak [mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.38, -30.7, -11.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.577	0.585
psSAR10g [W/Kg]	0.306	0.262
Power Drift [dB]	N/A	0.01



**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	41.0
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.66
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.14	Test Distance [mm]	5.00

Hardware Setup

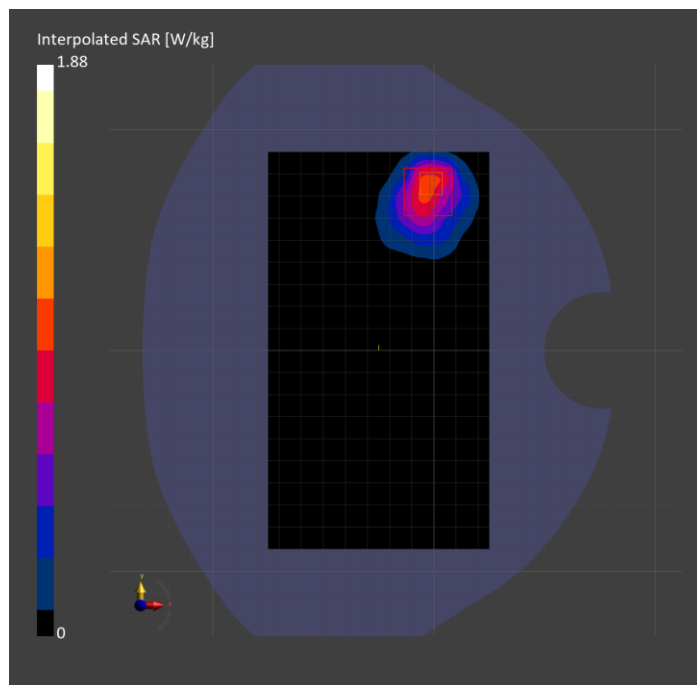
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.88, -1.3, 75.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.813	0.814
psSAR10g [W/Kg]	0.411	0.399
Power Drift [±0.2 dB]	N/A	0.05



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

Exposure Conditions

Band	Band n30	TSL Permittivity	40.6
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.63
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	5.00

Hardware Setup

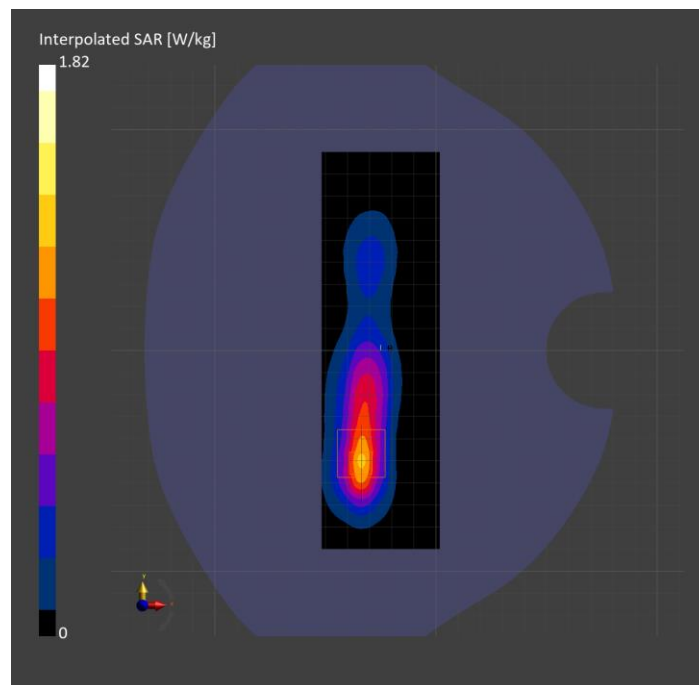
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		82.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.82, -34.1, -51.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.933	0.919
psSAR10g [W/Kg]	0.434	0.440
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	Band n30	TSL Permittivity	38.7
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.63
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.14	Test Distance [mm]	0.00

Hardware Setup

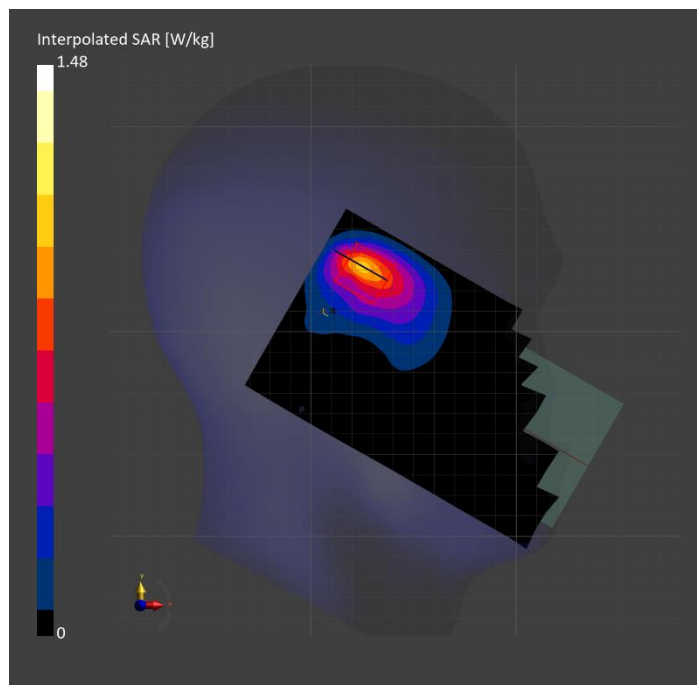
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.48, 26.3, 331.6, -172.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.777	0.772
psSAR10g [W/Kg]	0.395	0.396
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	Band n41	TSL Permittivity	38.3
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.86
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

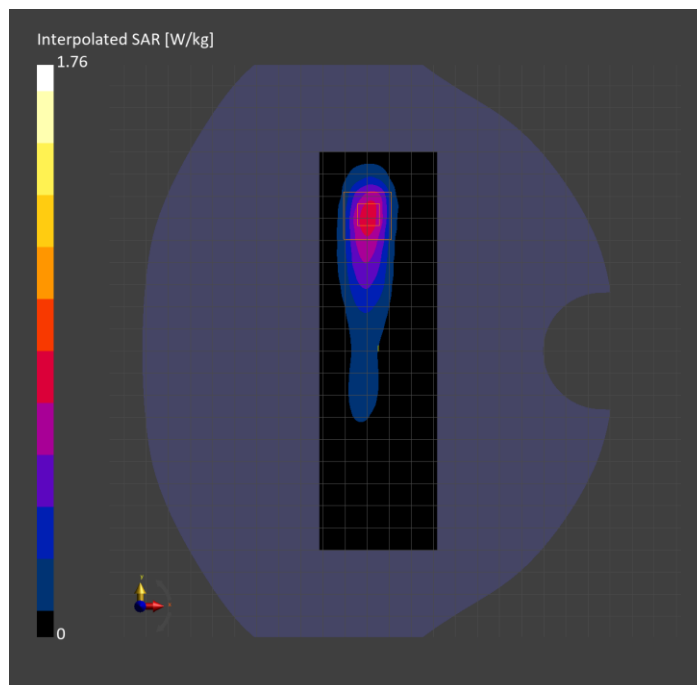
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		74.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, -29.4, 61.7, -204.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.628	0.700
psSAR10g [W/Kg]	0.286	0.298
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	Band n41	TSL Permittivity	36.5
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.86
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

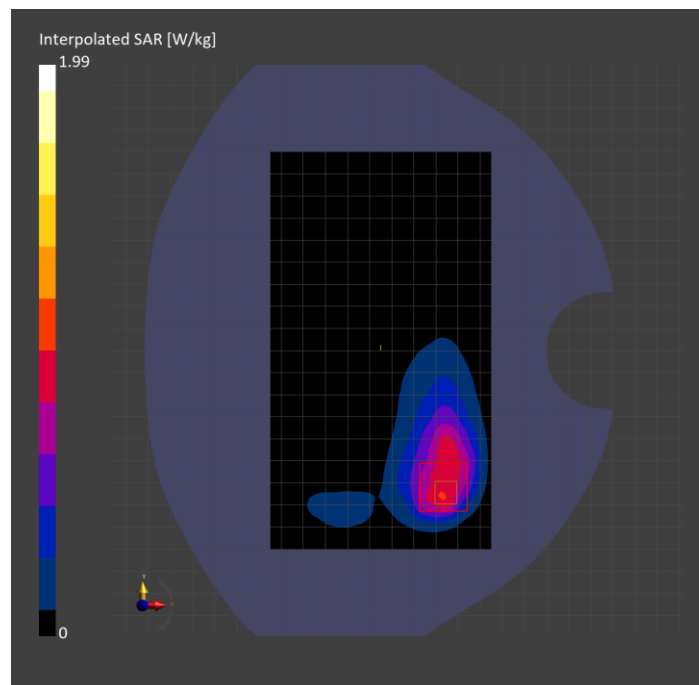
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DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.8
Dist 3dB Peak [mm]		8.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.99, 4.5, -64.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.848
psSAR10g [W/Kg]	0.420	0.407
Power Drift [dB]	N/A	0.02



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

Exposure Conditions

Band	Band n41	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.86
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.28	Test Distance [mm]	0.00

Hardware Setup

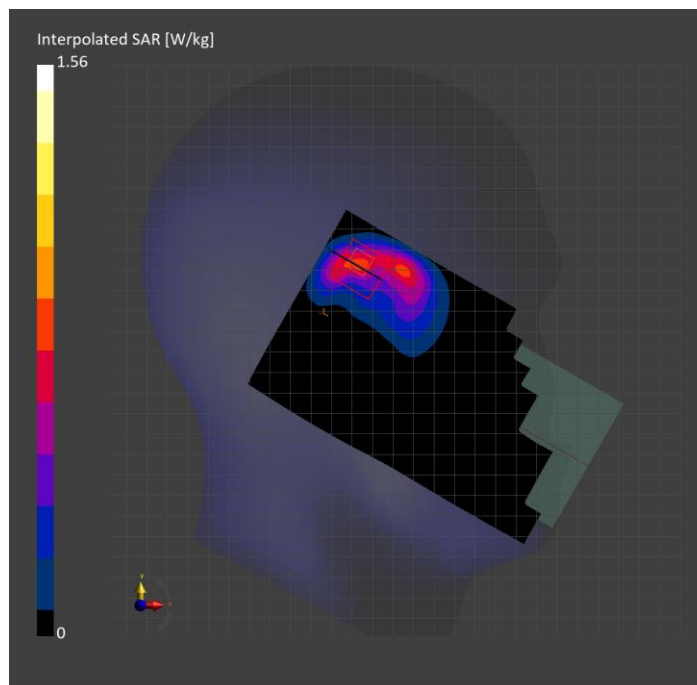
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.56, 23.6, 334.2, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.628	0.668
psSAR10g [W/Kg]	0.305	0.307
Power Drift [±0.2 dB]	N/A	0.03



**Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) RBPosition:Low
AntennaCfg:SISO, EDGE RIGHT**

Exposure Conditions

Band	Band n48	TSL Permittivity	40.5
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.83
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.42	Test Distance [mm]	5.00

Hardware Setup

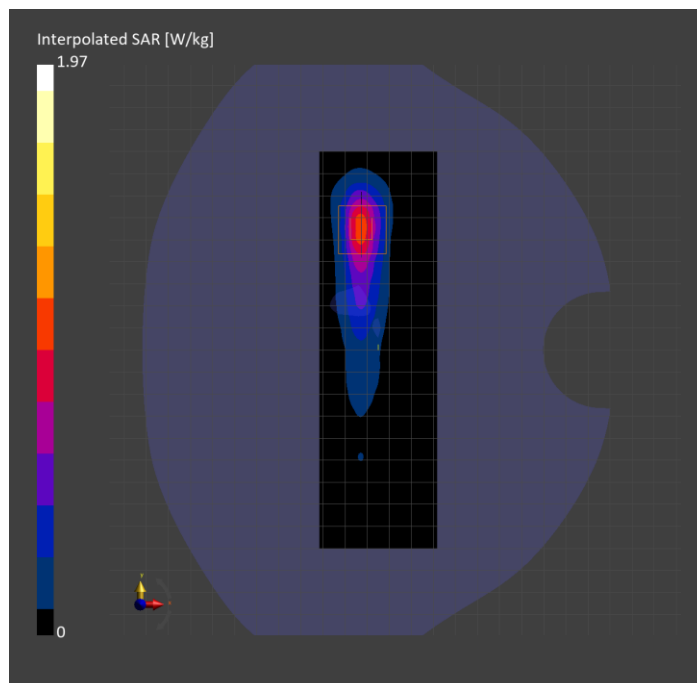
Probe Calibration Date	EX3DV4 - SN7448 2025-02-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.9 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 [%]		76.2
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.97, -32.6, 55.1, -204.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.753	0.779
psSAR10g [W/Kg]	0.291	0.300
Power Drift [dB]	N/A	-0.05



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

Exposure Conditions

Band	Band n48	TSL Permittivity	41.4
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.79
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.42	Test Distance [mm]	5.00

Hardware Setup

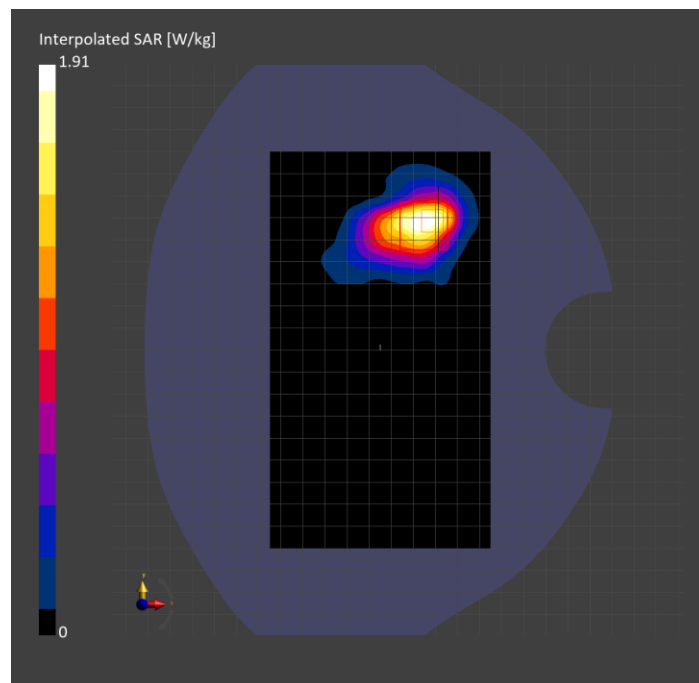
Probe Calibration Date	EX3DV4 - SN7448 2025-02-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.91, -1.3, 58.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.655	0.724
psSAR10g [W/Kg]	0.286	0.307
Power Drift [dB]	N/A	0.04



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

Exposure Conditions

Band	Band n48	TSL Permittivity	39.9
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.79
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.42	Test Distance [mm]	0.00

Hardware Setup

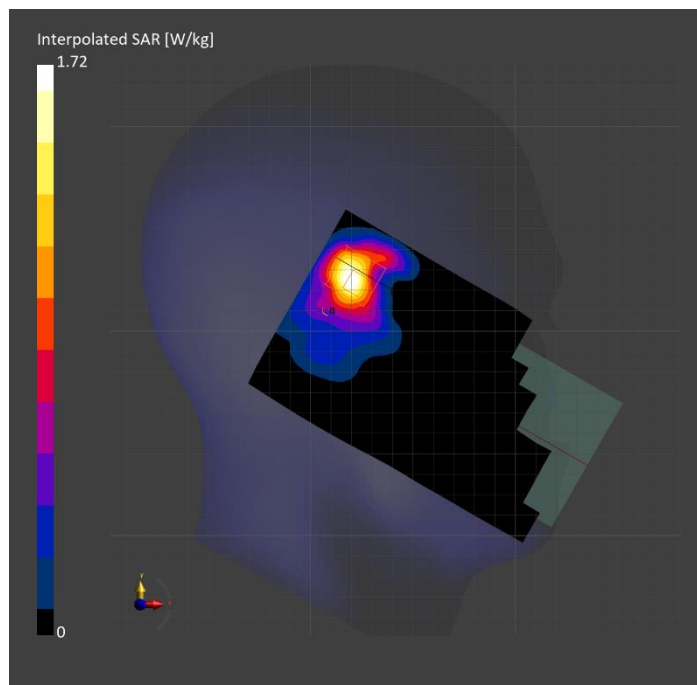
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DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.72, 22.2, 323.2, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.779	0.785
psSAR10g [W/Kg]	0.332	0.336
Power Drift [±0.2 dB]	N/A	-0.04



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

Exposure Conditions

Band	Band n53	TSL Permittivity	41.4
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.74
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

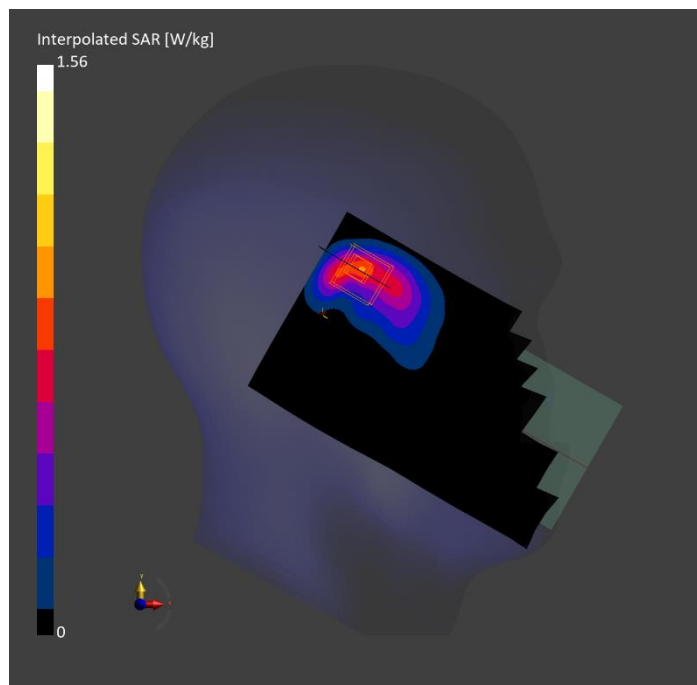
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.56, 22.9, 332.5, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.663	0.696
psSAR10g [W/Kg]	0.324	0.333
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n53	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.72
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

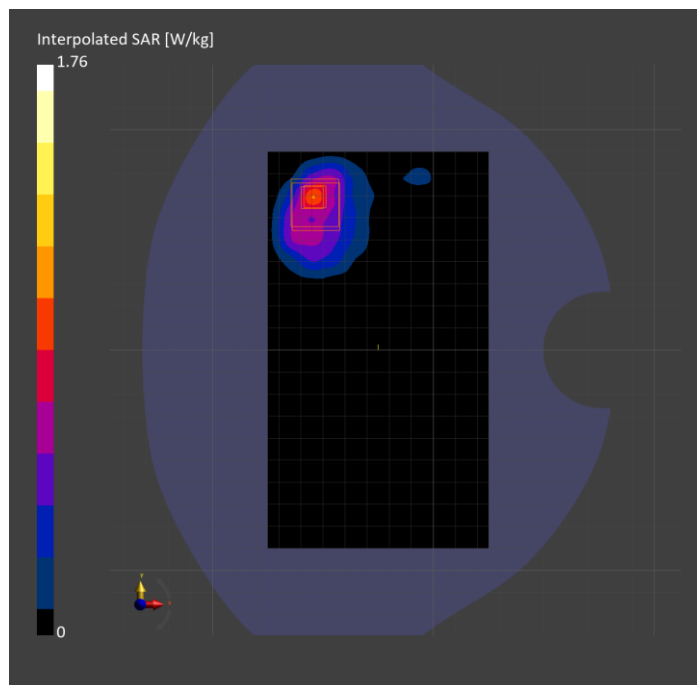
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DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.74, -54.8, 69.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.717	0.745
psSAR10g [W/Kg]	0.335	0.335
Power Drift [±0.2 dB]	N/A	0.06



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

Exposure Conditions

Band	Band n53	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.72
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

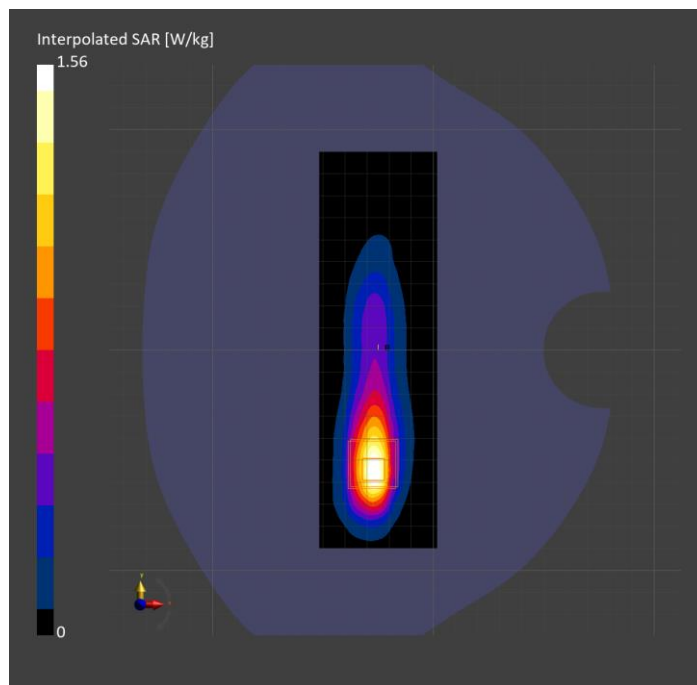
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.56, -27.4, -54.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.775	0.760
psSAR10g [W/Kg]	0.354	0.348
Power Drift [±0.2 dB]	N/A	-0.00



**Band n66: 5G NR (DFT-s-OFDM, 1 RB, 45 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, EDGE BOTTOM**

Exposure Conditions

Band	Band n66	TSL Permittivity	43.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.28
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

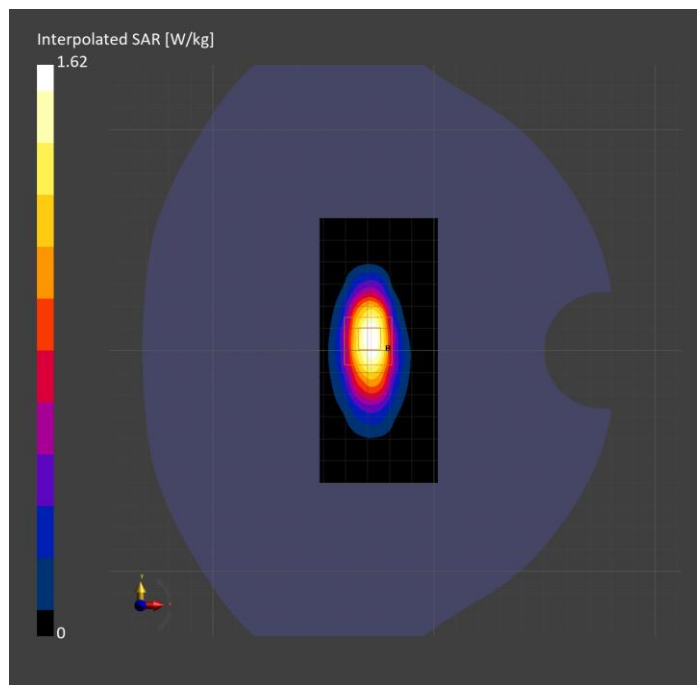
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		80.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.62, -29.2, 5.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.816	0.846
psSAR10g [W/Kg]	0.420	0.422
Power Drift [±0.2 dB]	N/A	-0.09



**Band n66: 5G NR (DFT-s-OFDM, 50% RB, 45 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, CHEEK**

Exposure Conditions

Band	Band n66	TSL Permittivity	40.3
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.30
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.67	Test Distance [mm]	0.00

Hardware Setup

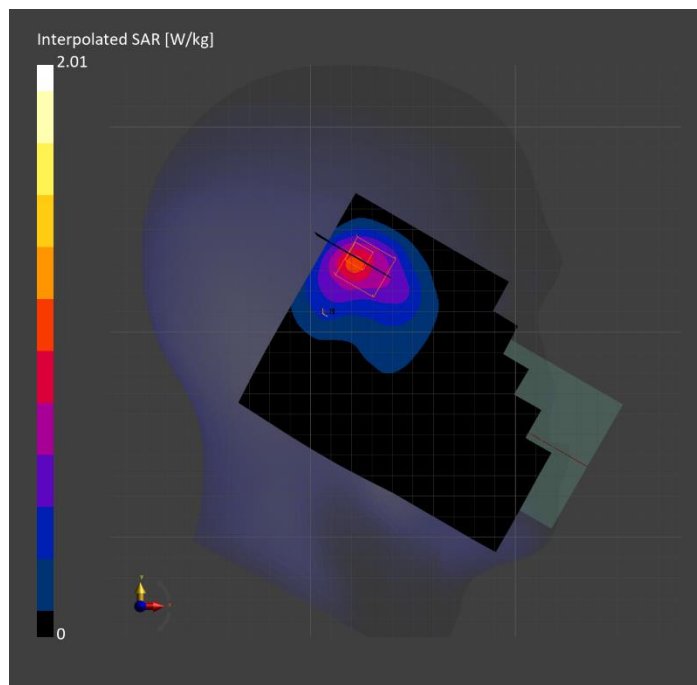
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.4 x 42.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.01, 23.6, 337.4, -169.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.849	0.919
psSAR10g [W/Kg]	0.471	0.492
Power Drift [±0.2 dB]	N/A	0.05



**Band n66: 5G NR (DFT-s-OFDM, 50% RB, 45 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO, BACK**

Exposure Conditions

Band	Band n66	TSL Permittivity	43.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

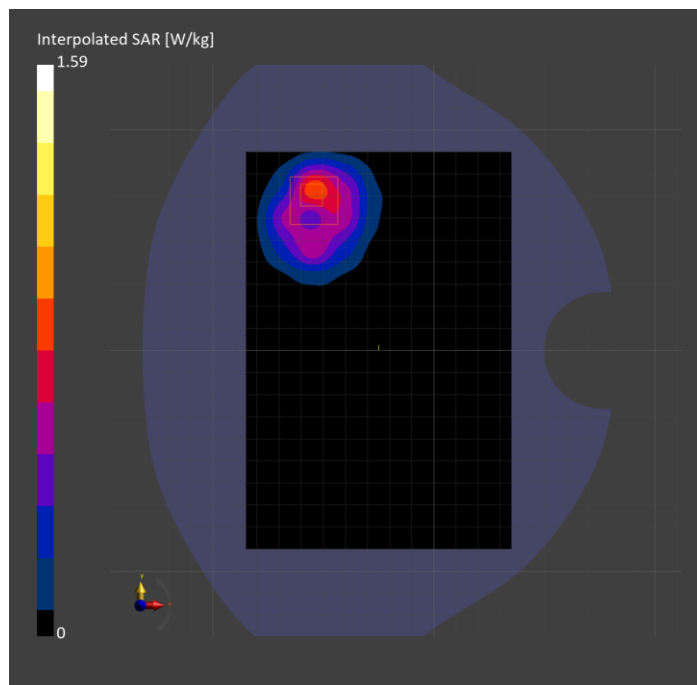
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DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.59, -55.4, 70.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.687	0.749
psSAR10g [W/Kg]	0.380	0.390
Power Drift [±0.2 dB]	N/A	0.00



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

Exposure Conditions

Band	Band n70	TSL Permittivity	42.2
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

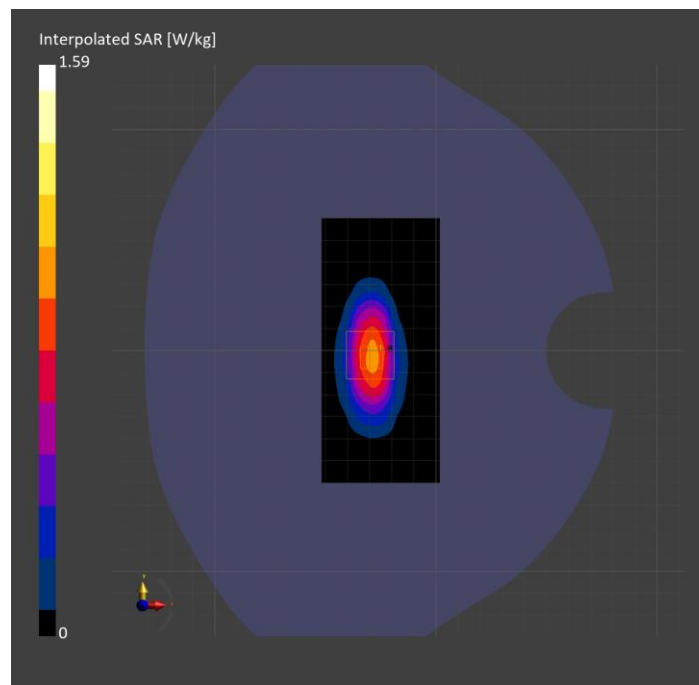
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		80.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.59, -29.2, -3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.805	0.819
psSAR10g [W/Kg]	0.418	0.408
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	Band n70	TSL Permittivity	42.8
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.28
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.67	Test Distance [mm]	0.00

Hardware Setup

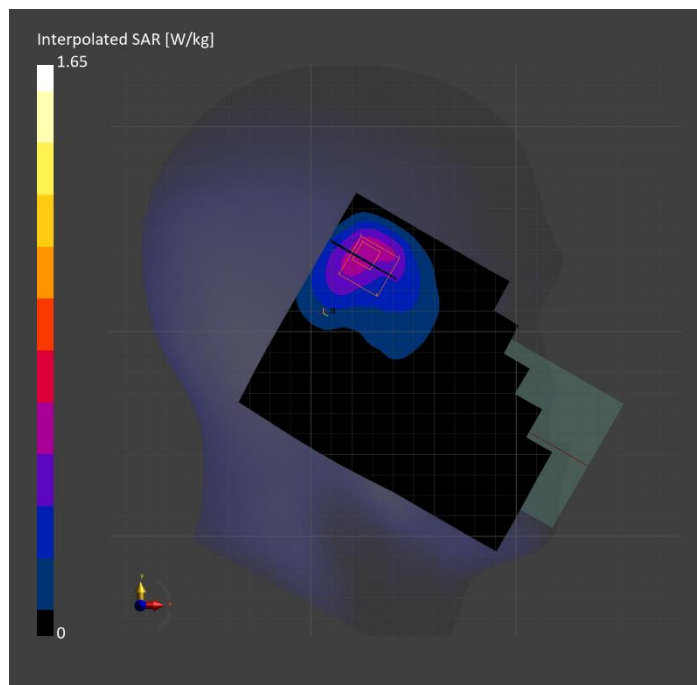
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.8 x 42.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.65, 26.9, 337.5, -169.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.536	0.728
psSAR10g [W/Kg]	0.318	0.388
Power Drift [±0.2 dB]	N/A	0.07



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

Exposure Conditions

Band	Band n70	TSL Permittivity	42.7
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.25
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

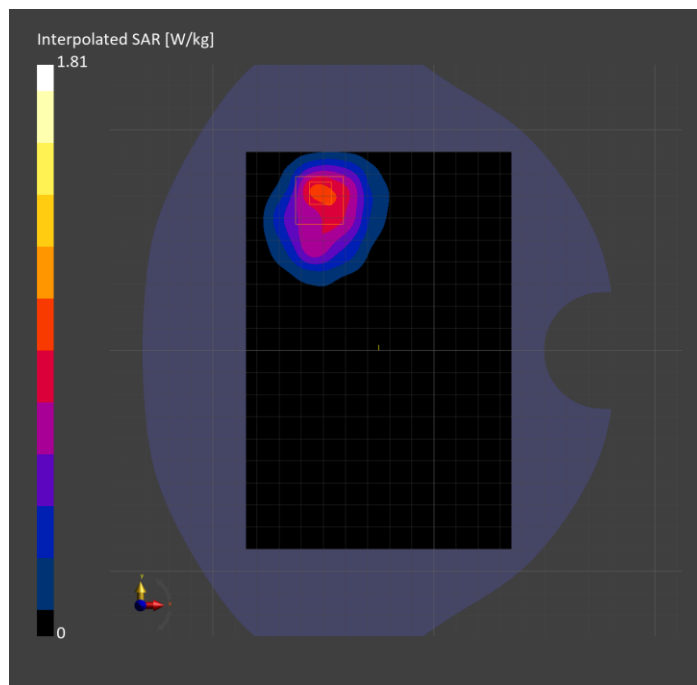
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DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.81, -51.3, 71.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.796	0.826
psSAR10g [W/Kg]	0.463	0.432
Power Drift [±0.2 dB]	N/A	-0.01



**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	39.4
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.834
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

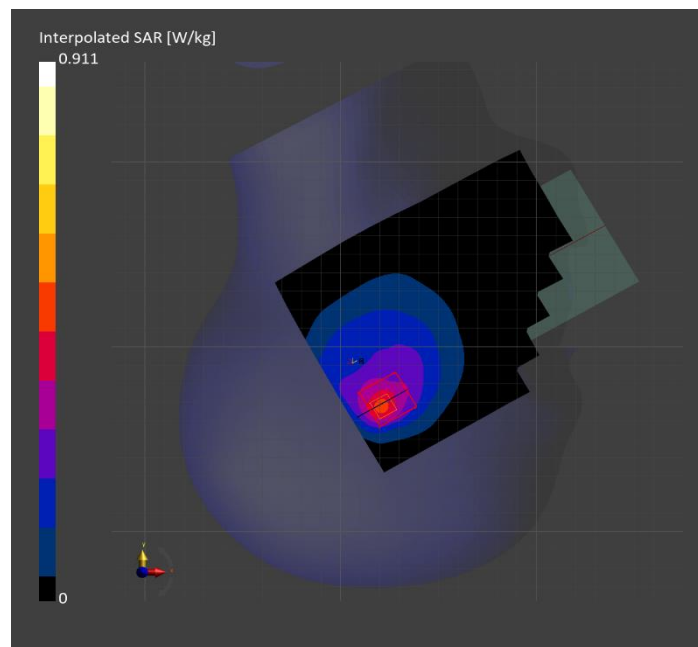
Probe Calibration Date	EX3DV4 - SN7589 (Sensor X Alignment Disabled) 2025-04-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		69.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.911, 21.6, -332.5, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.388	0.371
psSAR10g [W/Kg]	0.237	0.206
Power Drift [±0.2 dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n71	TSL Permittivity	43.6
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.805
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

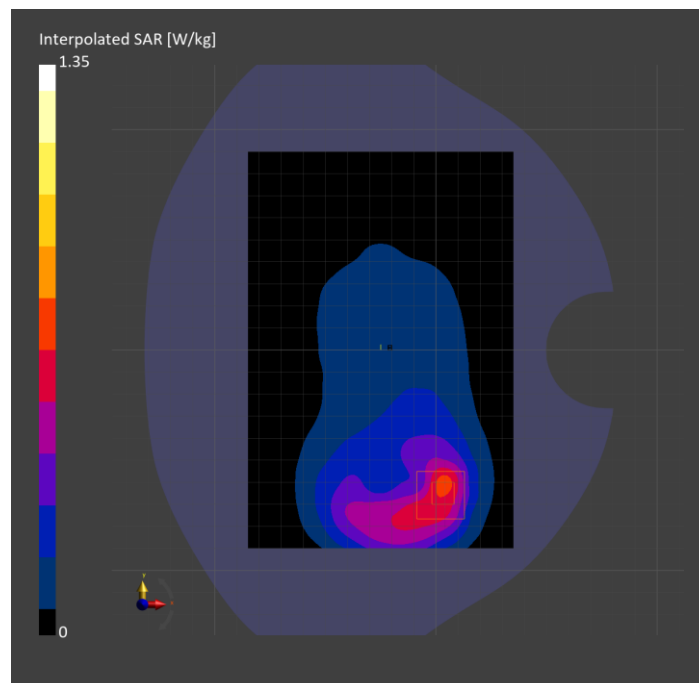
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	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 [> 30%]		76.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.35, 3.2, -65.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.601	0.617
psSAR10g [W/Kg]	0.382	0.329
Power Drift [±0.2 dB]	N/A	-0.07



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

Exposure Conditions

Band	Band n71	TSL Permittivity	43.6
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.805
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

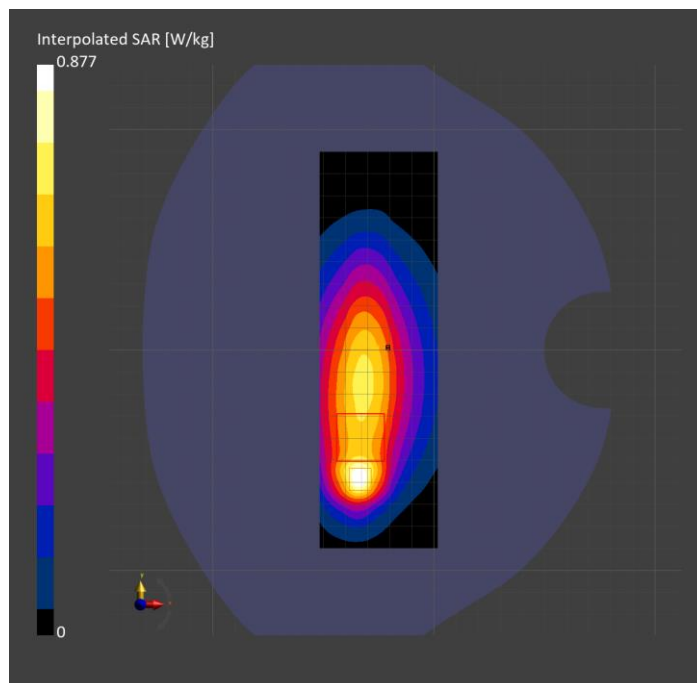
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	42.0 x 54.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		77.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.877, -33.4, -58.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.424	0.403
psSAR10g [W/Kg]	0.252	0.239
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	Band n77	TSL Permittivity	41.3
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.71
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	5.00

Hardware Setup

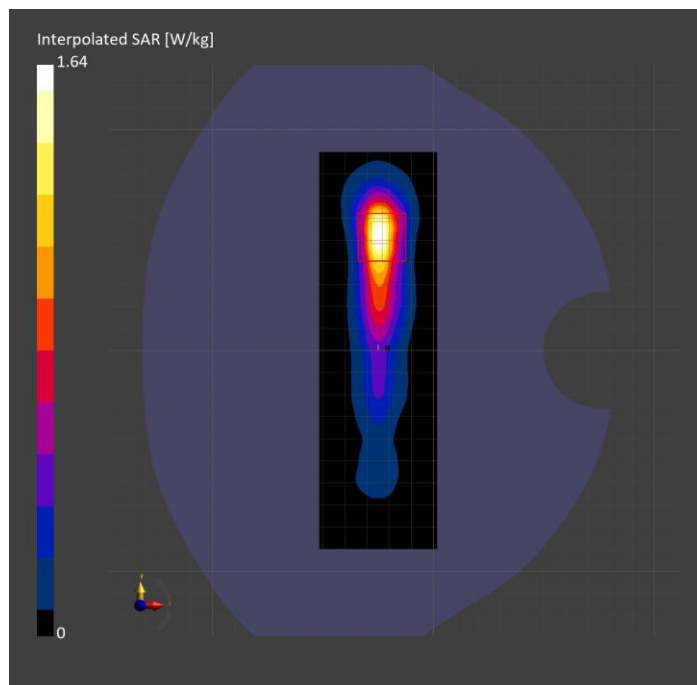
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.0
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.64, -23.3, 53.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.597	0.651
psSAR10g [W/Kg]	0.231	0.253
Power Drift [dB]	N/A	0.06



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

Exposure Conditions

Band	Band n77	TSL Permittivity	41.3
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.71
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	5.00

Hardware Setup

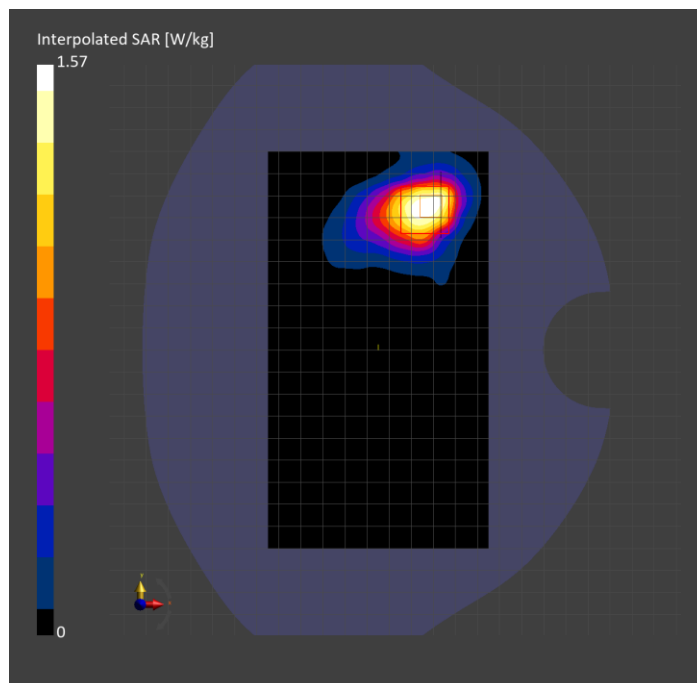
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.57, -1.0, 65.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.524	0.615
psSAR10g [W/Kg]	0.241	0.263
Power Drift [dB]	N/A	-0.11



**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	40.3
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.65
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	LeftHead Head Simulating Liquid
Conversion Factor	6.21	Test Distance [mm]	0.00

Hardware Setup

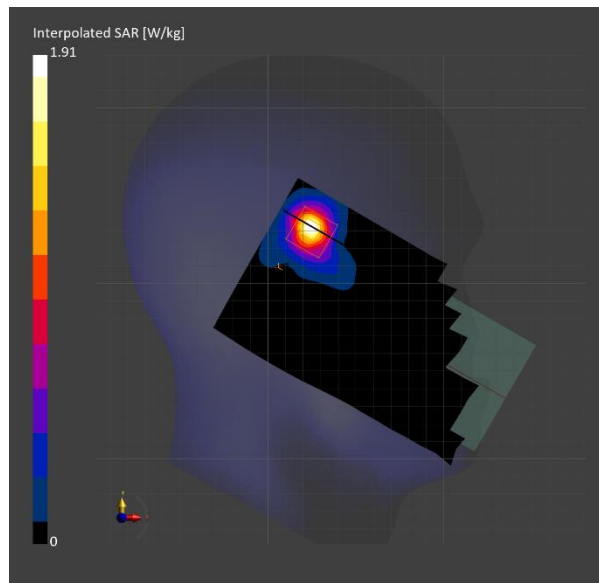
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DAE Calibration Date	DAE4 Sn1798 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.5
Dist 3dB Peak [mm]		8.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.90, 24.0, 330.8, -170.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.848	0.839
psSAR10g [W/Kg]	0.326	0.317
Power Drift [dB]	N/A	-0.02



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

Exposure Conditions

Band	Band n77	TSL Permittivity	38.2
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.03
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.0	Test Distance [mm]	0.00

Hardware Setup

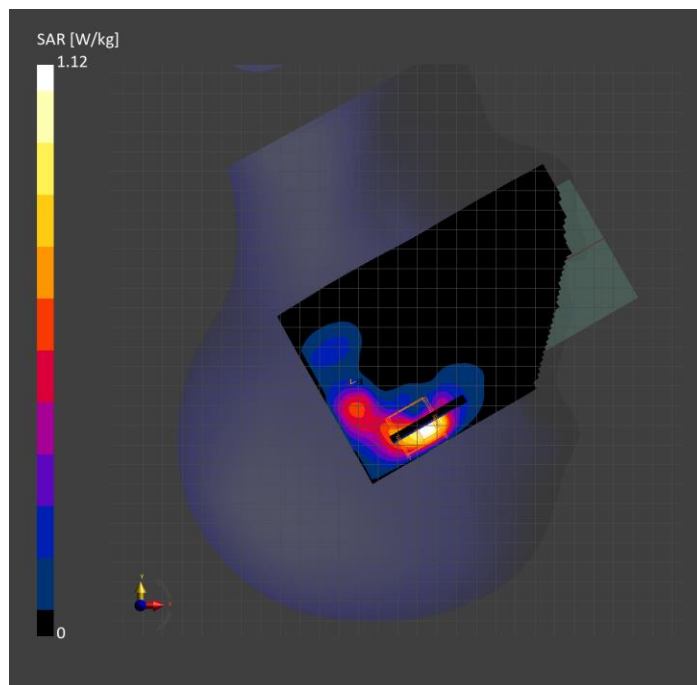
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DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	38.7 x 38.7 x 29.1
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 [%]		71.9
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.80, 45.5, -331.3, -169.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.869	0.924
psSAR10g [W/Kg]	0.309	0.317
Power Drift [dB]	N/A	0.03



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

Exposure Conditions

Band	Band n77	TSL Permittivity	40.1
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.04
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.51	Test Distance [mm]	5.00

Hardware Setup

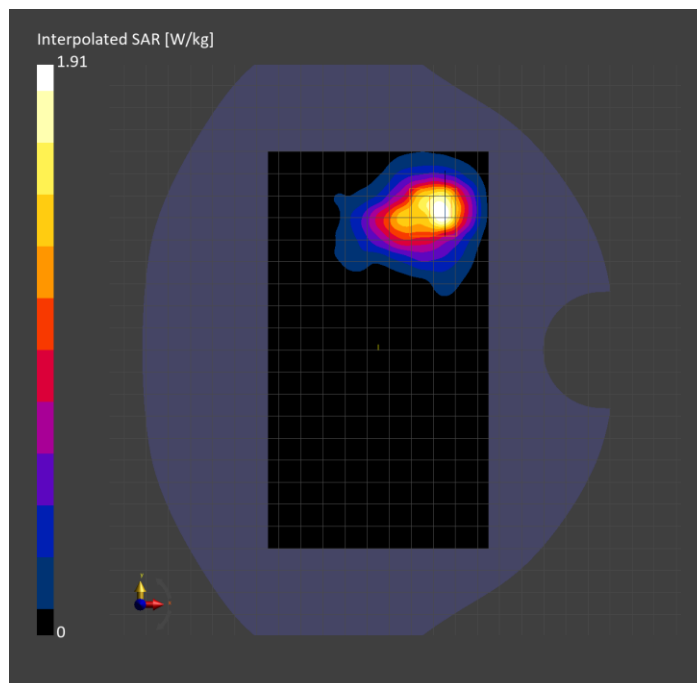
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.91, 3.2, 65.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.613	0.687
psSAR10g [W/Kg]	0.260	0.273
Power Drift [dB]	N/A	-0.00



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

Exposure Conditions

Band	Band n77	TSL Permittivity	41.1
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.04
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.51	Test Distance [mm]	5.00

Hardware Setup

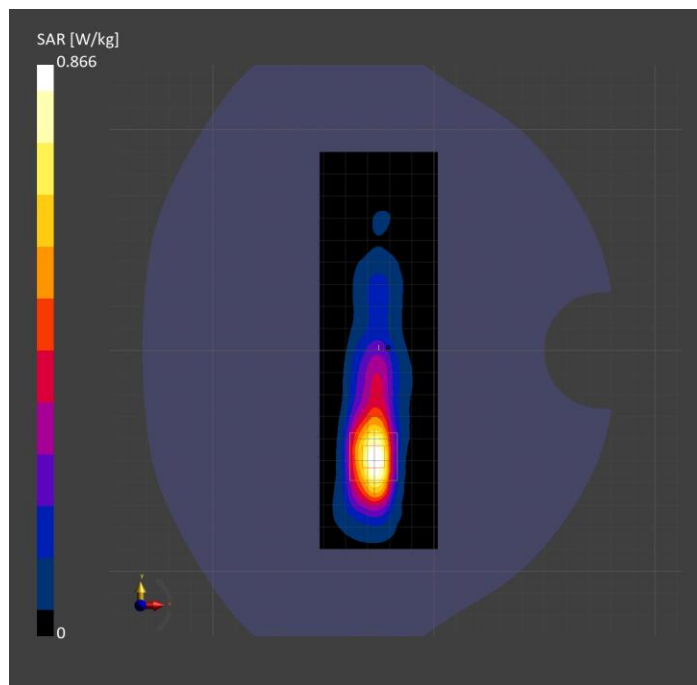
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, -27.3, -48.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.766	0.766
psSAR10g [W/Kg]	0.297	0.298
Power Drift [dB]	N/A	0.02



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	40.9
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.75
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.47	Test Distance [mm]	5.00

Hardware Setup

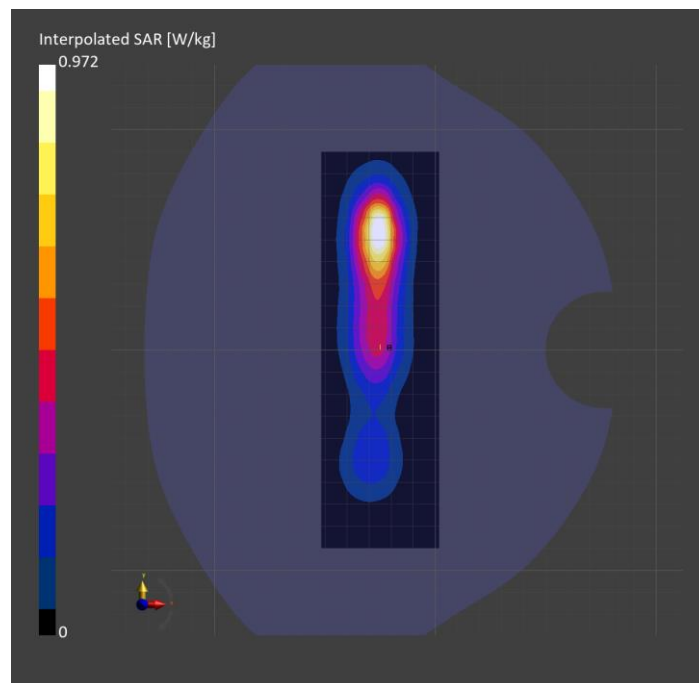
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DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.53, -25.9, 53.0, -205.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.731	0.715
psSAR10g [W/Kg]	0.330	0.319
Power Drift [±0.2 dB]	N/A	0.11



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	41.0
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.69
Group UID	WLAN 10415-AAA	Phantom Section TSL	RightHead HSL
Conversion Factor	8.17	Test Distance [mm]	0.00

Hardware Setup

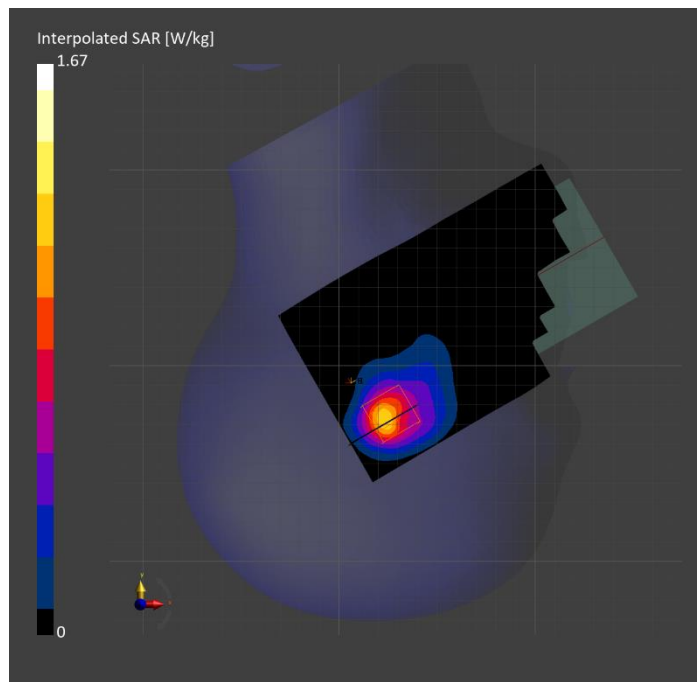
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DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.67, 26.0, -325.0, -164.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.932	0.929
psSAR10g [W/Kg]	0.454	0.471
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.68
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	8.17	Test Distance [mm]	5.00

Hardware Setup

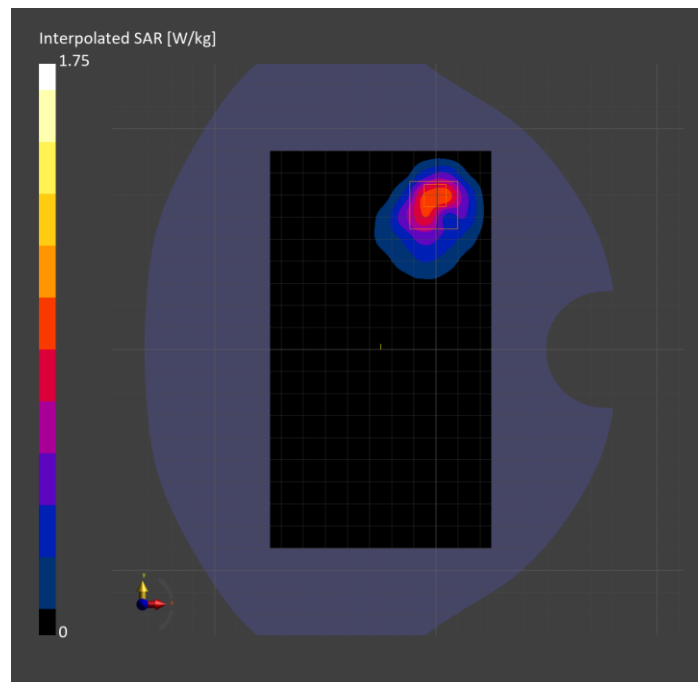
Probe Calibration Date	EX3DV4 - SN3902 2025-03-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.75, -0.4, 69.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.778	0.772
psSAR10g [W/Kg]	0.370	0.373
Power Drift [±0.2 dB]	N/A	0.11



U-NII-1, U-NII-2A: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), EDGE BOTTOM

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	38.3
Frequency [MHz] Channel Number	5230.000 46	TSL Conductivity [S/m]	4.45
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	6.15	Test Distance [mm]	5.00

Hardware Setup

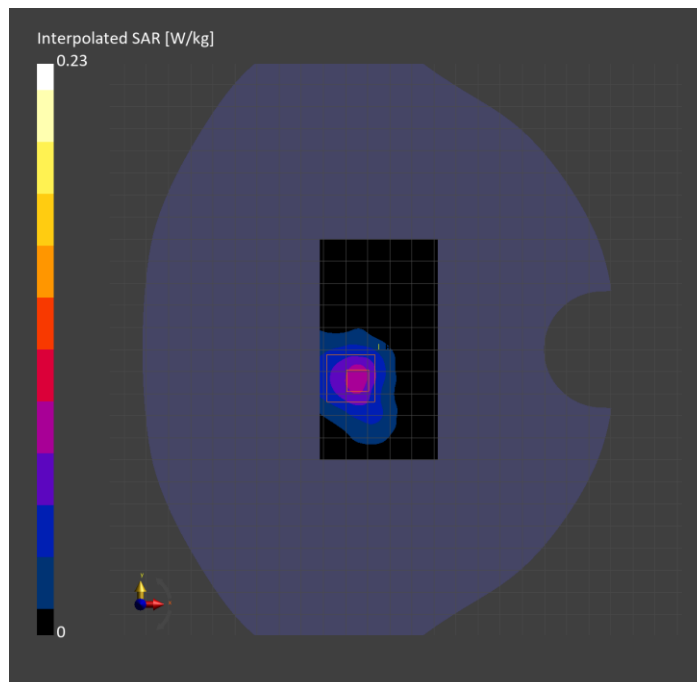
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DAE Calibration Date	DAE4 Sn1257 2024-09-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 100.0	32.0 x 32.0 x 22.9
Grid Steps [mm]	8.9 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 [> 30%]		65.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.229, -34.5, -14.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.064	0.065
psSAR10g [W/Kg]	0.025	0.023
Power Drift [±0.2 dB]	N/A	-0.03



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	36.4
Frequency [MHz] Channel Number	5210.000 42	TSL Conductivity [S/m]	4.47
Group UID	WLAN 10544-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.47	Test Distance [mm]	5.00

Hardware Setup

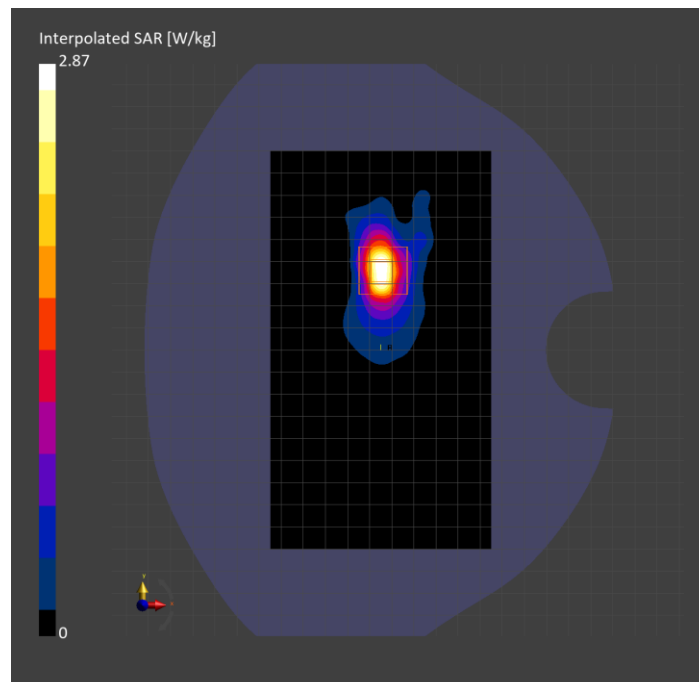
Probe Calibration Date	EX3DV4 - SN7501 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	36.0 x 32.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		62.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.87, -24.3, 34.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.690	0.720
psSAR10g [W/Kg]	0.229	0.234
Power Drift [±0.2 dB]	N/A	0.11



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.5
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.42
Group UID	WLAN 10114-CAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.4	Test Distance [mm]	0.00

Hardware Setup

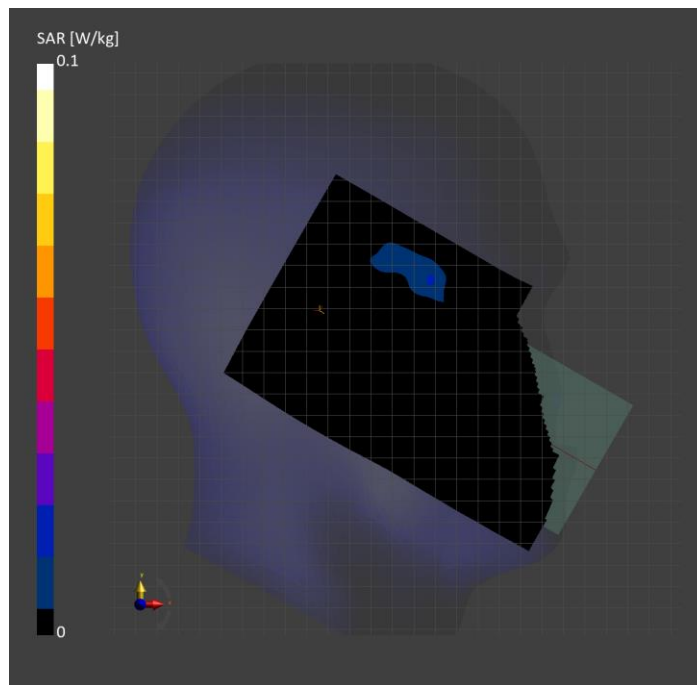
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	100.0 x 180.0
Grid Steps [mm]	10.0 x 10.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.005
psSAR10g [W/Kg]	0
Power Drift [dB]	N/A



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

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	36.1
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	5.08
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.34	Test Distance [mm]	0.00

Hardware Setup

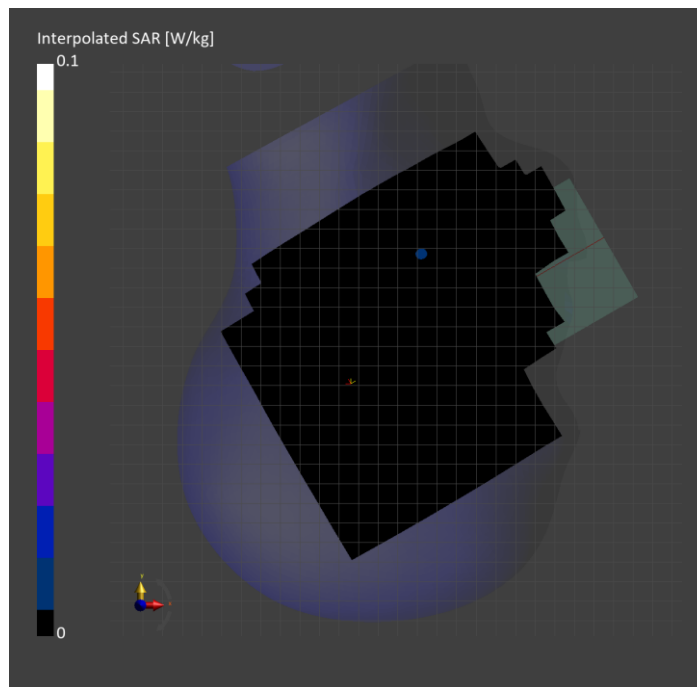
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DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	100.0 x 180.0
Grid Steps [mm]	10.0 x 10.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.003
psSAR10g [W/Kg]	0
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	36.8
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.93
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.0	Test Distance [mm]	5.00

Hardware Setup

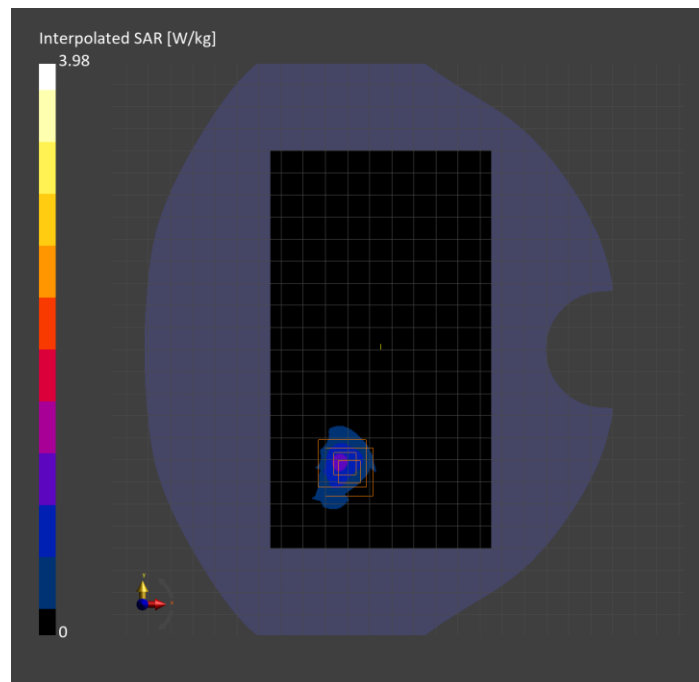
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DAE Calibration Date	DAE4 Sn1797 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	24.0 x 24.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		61.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.98, -39.2, -55.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.795	0.935
psSAR10g [W/Kg]	0.271	0.290
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	36.7
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.89
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.01	Test Distance [mm]	5.00

Hardware Setup

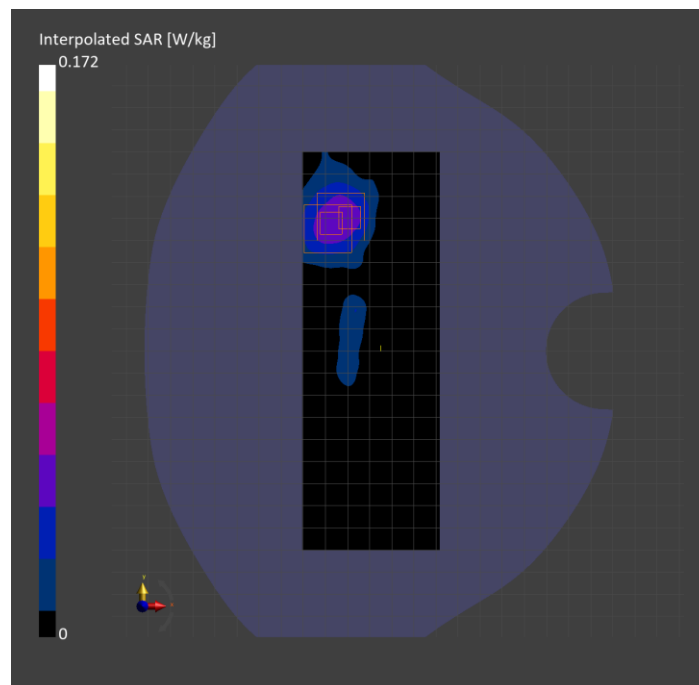
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	53.4 x 180.0	36.0 x 32.0 x 22.9	28.0 x 28.0 x 22.9
Grid Steps [mm]	8.9 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 [> 30%]		63.4	60.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		11.5	10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.167, -47.4, 57.8, -202.0	0.172, -39.0, 60.2, -202.0

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.041	0.039	0.035
psSAR10g [W/Kg]	0.017	0.014	0.013
Power Drift [±0.2 dB]	N/A	-2.28	-4.11



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	33.0
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	4.92
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.54	Test Distance [mm]	5.00

Hardware Setup

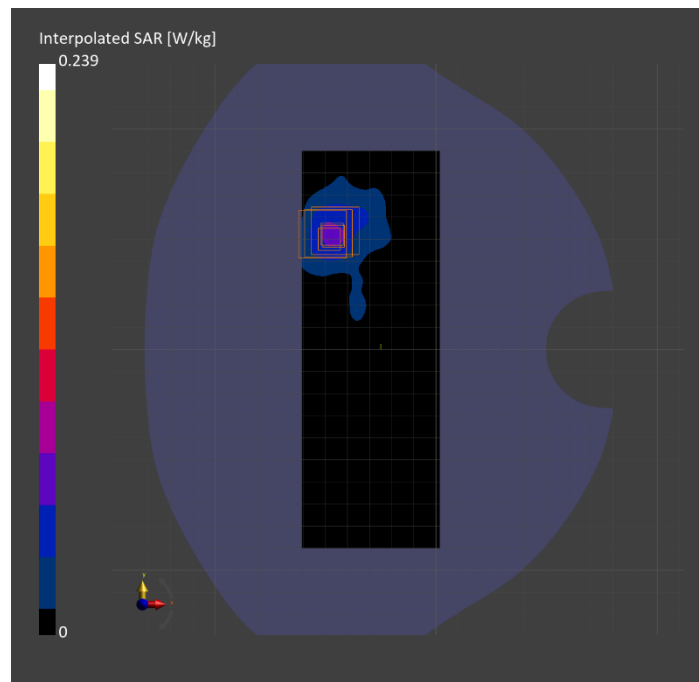
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DAE Calibration Date	DAE4ip Sn1893 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	53.4 x 180.0	28.0 x 24.0 x 22.9	28.0 x 24.0 x 22.9
Grid Steps [mm]	8.9 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 [> 30%]		64.0	63.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2	8.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.239, -46.4, 51.4, -202.0	0.221, -48.3, 49.9, -202.0

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.049	0.053	0.046
psSAR10g [W/Kg]	0.019	0.020	0.017
Power Drift [±0.2 dB]	N/A	0.29	-0.25



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.1
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.14
Group UID	WLAN 10544-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.52	Test Distance [mm]	0.00

Hardware Setup

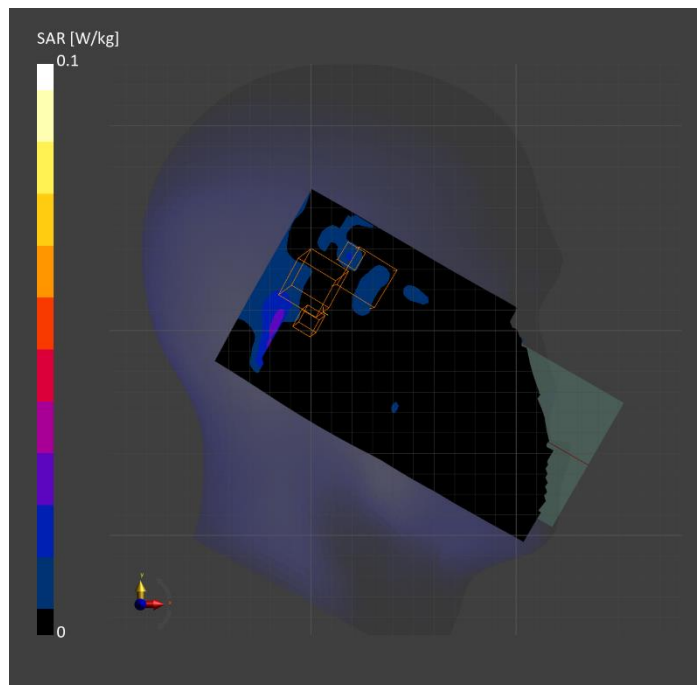
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DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	100.0 x 180.0
Grid Steps [mm]	10.0 x 10.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.019
psSAR10g [W/Kg]	0.007
Power Drift [dB]	N/A



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.1
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.20
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.52	Test Distance [mm]	5.00

Hardware Setup

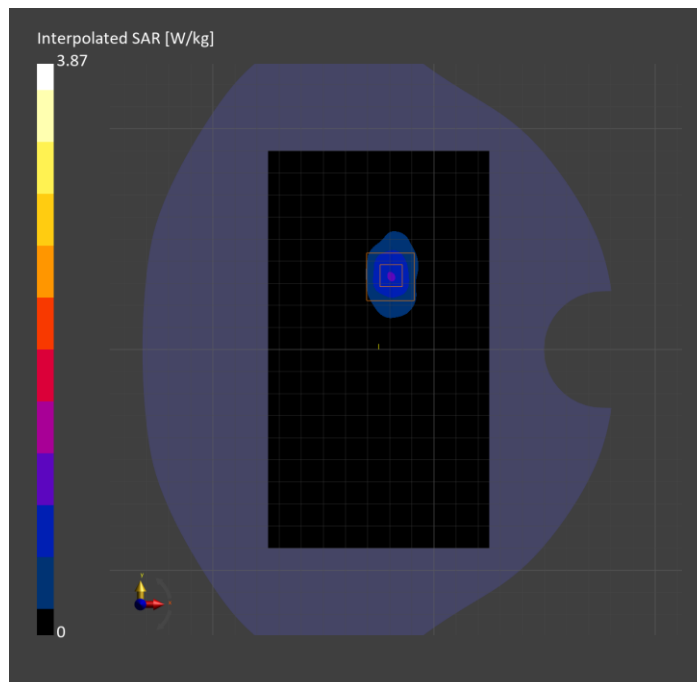
Probe Calibration Date	EX3DV4 - SN7915 2025-03-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	24.0 x 28.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		55.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.86, -19.4, 33.5, -201.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.737	0.819
psSAR10g [W/Kg]	0.263	0.244
Power Drift [±0.2 dB]	N/A	-0.11



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	34.4
Frequency [MHz] Channel Number	6345.000 79	TSL Conductivity [S/m]	5.61
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.37	Test Distance [mm]	0.00

Hardware Setup

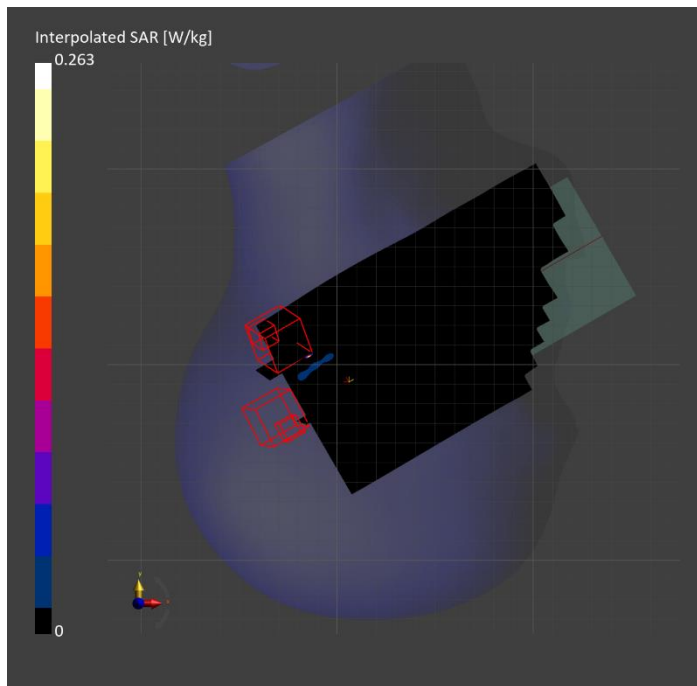
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	34.0 x 37.4 x 22.9	28.5 x 28.5 x 25.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	1.5 x 1.5 x 1.2
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [> 30%]		81.1	90.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		1.2	0.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.263, -30.2, -285.1, -147.6	0.023, -29.7, -328.5, -156.7

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.014	0.002	0	N/A	N/A
psSAR8g [W/Kg]	0.005	0	0	N/A	N/A
psSAR10g [W/Kg]	0.004	0	0	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.018	0.001
Power Drift [±0.2 dB]	N/A	6.47	-3.72	N/A	N/A



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	34.6
Frequency [MHz] Channel Number	6345.000 79	TSL Conductivity [S/m]	5.64
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.37	Test Distance [mm]	5.00

Hardware Setup

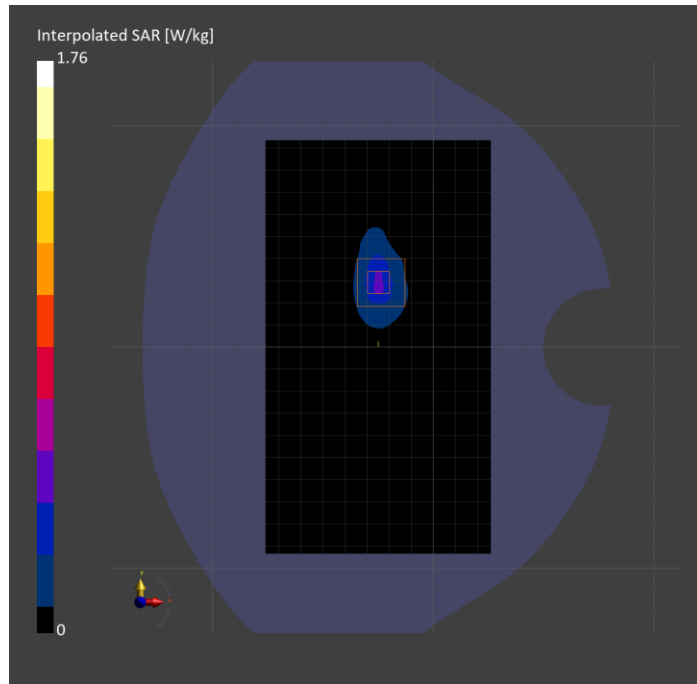
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DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	30.6 x 30.6 x 22.9	30.6 x 30.6 x 22.9
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 [> 30%]		49.3	51.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.5	7.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, -24.2, 30.3, -197.0	1.74, -23.6, 29.1, -197.0

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.342	0.386	0.379	N/A	N/A
psSAR8g [W/Kg]	0.129	0.142	0.139	N/A	N/A
psSAR10g [W/Kg]	0.114	0.126	0.123	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	2.85	2.77
Power Drift [±0.2 dB]	N/A	0.55	0.24	N/A	N/A



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	34.6
Frequency [MHz] Channel Number	6345.000 79	TSL Conductivity [S/m]	5.64
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.37	Test Distance [mm]	5.00

Hardware Setup

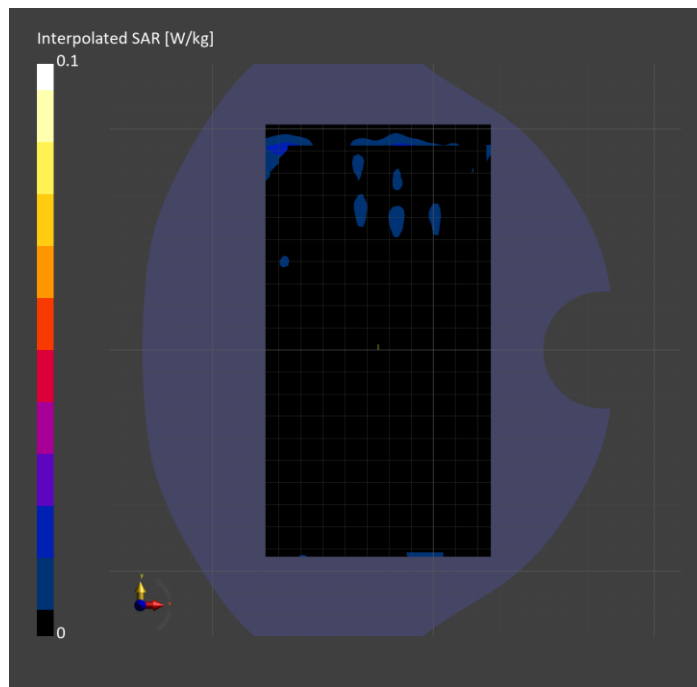
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DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	102.0 x 187.0
Grid Steps [mm]	8.5 x 8.5
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.015
psSAR10g [W/Kg]	0.005
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	33.8
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.95
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.78	Test Distance [mm]	0.00

Hardware Setup

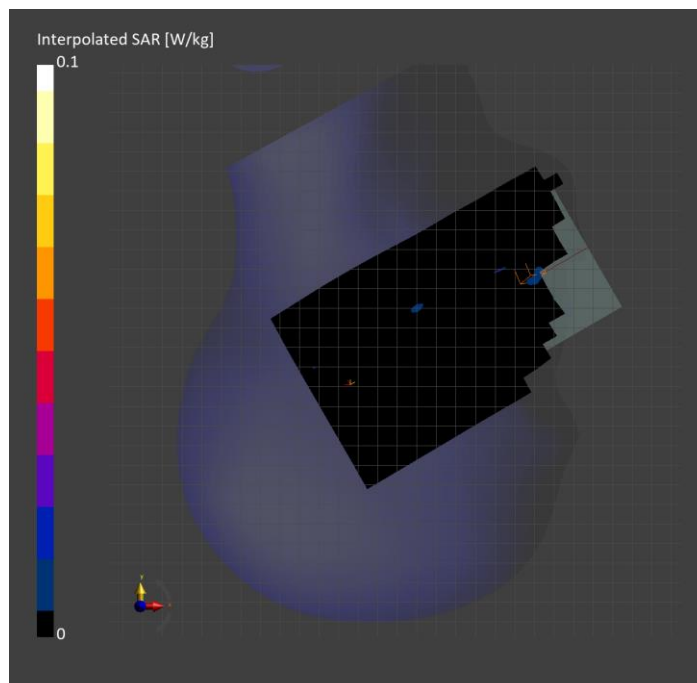
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DAE Calibration Date	DAE4 Sn1544 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	23.8 x 23.8 x 22.9
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 [> 30%]		N/A
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		1.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.035, 94.4, -259.6, -148.9

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.007	0.001	N/A
psSAR8g [W/Kg]	0.002	0	N/A
psSAR10g [W/Kg]	0.002	0	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	0
Power Drift [±0.2 dB]	N/A	-0.11	-0.11



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	33.8
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.95
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.78	Test Distance [mm]	5.00

Hardware Setup

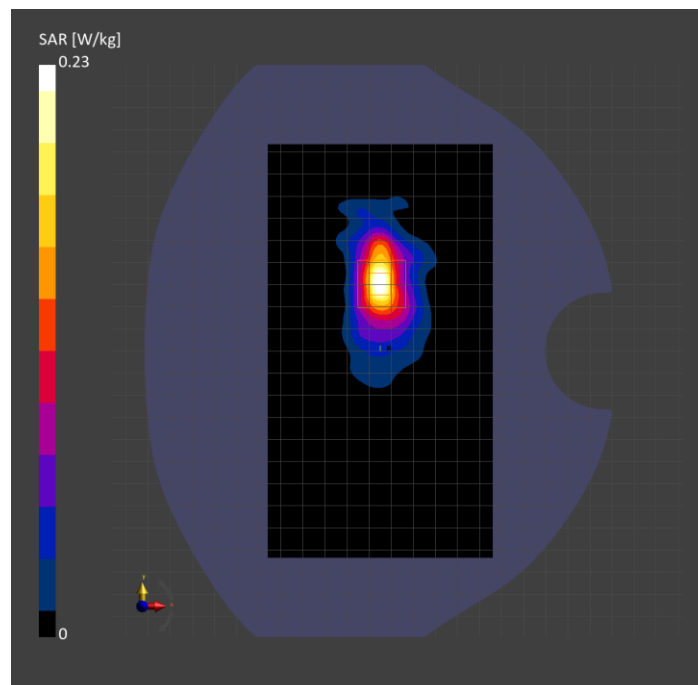
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DAE Calibration Date	DAE4 Sn1544 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	30.6 x 30.6 x 22.9
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 [> 30%]		49.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.36, -24.2, 30.3, -197.0

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.243	0.290	N/A
psSAR8g [W/Kg]	0.091	0.109	N/A
psSAR10g [W/Kg]	0.081	0.096	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	2.17
Power Drift [±0.2 dB]	N/A	0.11	0.11



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	35.5
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	6.07
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.78	Test Distance [mm]	5.00

Hardware Setup

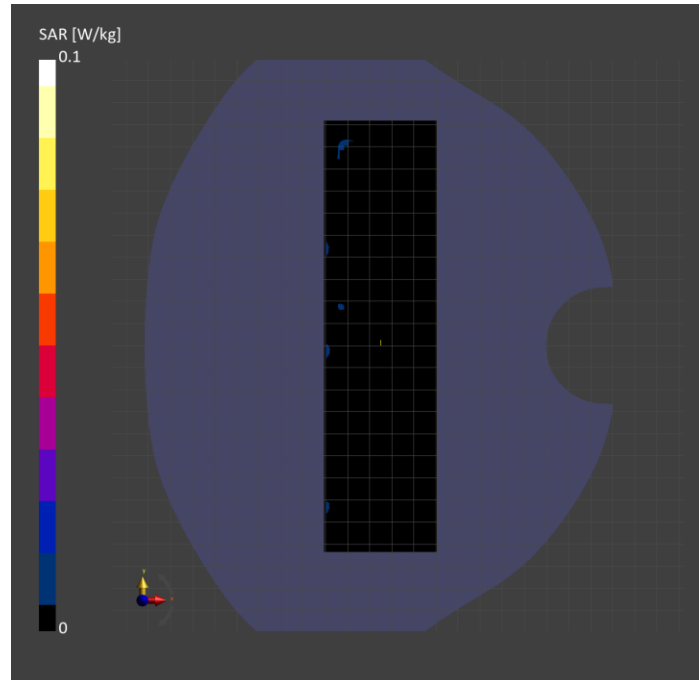
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DAE Calibration Date	DAE4 Sn1544 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	51.0 x 187.0
Grid Steps [mm]	8.5 x 8.5
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.009
psSAR10g [W/Kg]	0.003
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	35.2
Frequency [MHz] Channel Number	6825.000 175	TSL Conductivity [S/m]	6.26
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.21	Test Distance [mm]	0.00

Hardware Setup

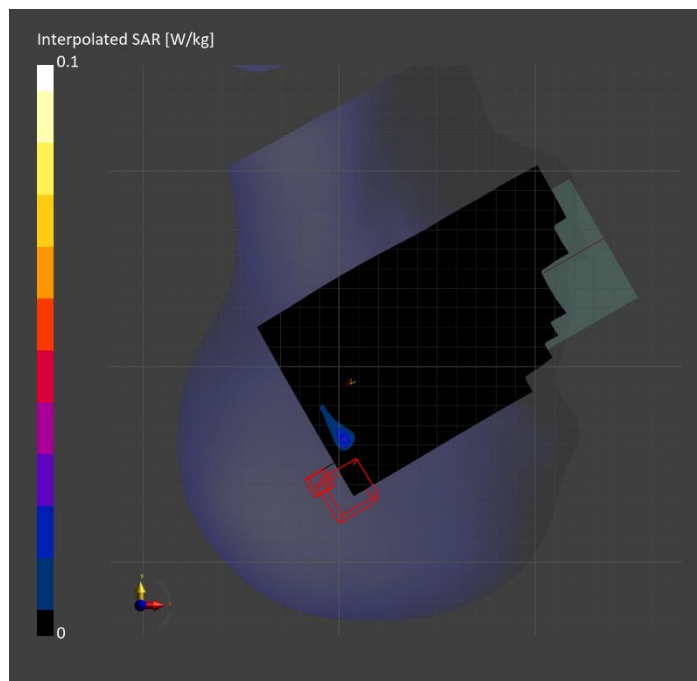
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DAE Calibration Date	DAE4 Sn1472 2025-01-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	26.6 x 26.6 x 25.0
Grid Steps [mm]	8.5 x 8.5	1.4 x 1.4 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		N/A
Dist 3dB Peak [mm]		0.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.017 4.1, -362.4, -160.3

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.014	0	N/A
psSAR8g [W/Kg]	0.003	0	N/A
psSAR10g [W/Kg]	0.002	0	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	0.002
Power Drift [dB]	N/A	5.15	5.15



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	34.5
Frequency [MHz] Channel Number	6825.000 175	TSL Conductivity [S/m]	6.32
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.21	Test Distance [mm]	5.00

Hardware Setup

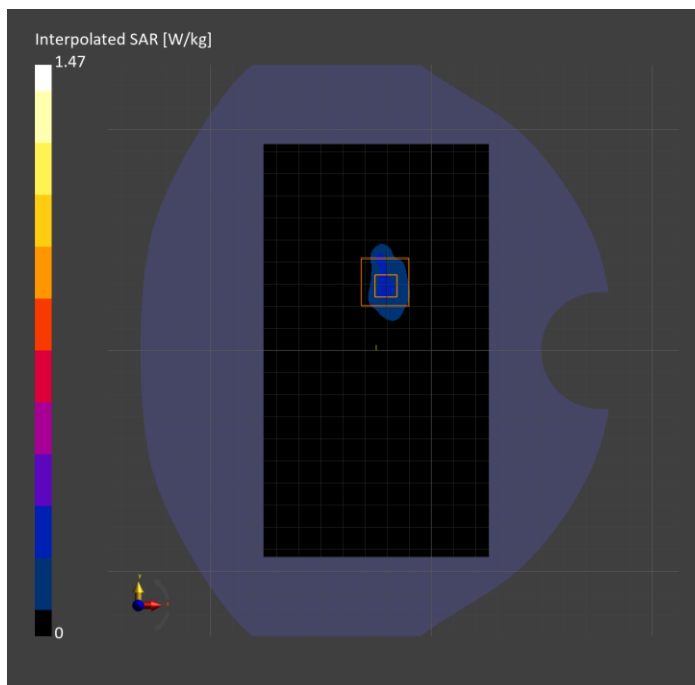
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DAE Calibration Date	DAE4 Sn1472 2025-01-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	23.8 x 23.8 x 22.9	30.6 x 30.6 x 22.9
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 [> 30%]		44.5	43.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7	7.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.45, -20.3, 30.5, -199.7	1.47, -21.1, 31.0, -199.7

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.220	0.278	0.284	N/A	N/A
psSAR8g [W/Kg]	0.085	0.103	0.105	N/A	N/A
psSAR10g [W/Kg]	0.075	0.091	0.093	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	2.07	2.10
Power Drift [±0.2 dB]	N/A	N/A	N/A	N/A	N/A



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	35.3
Frequency [MHz] Channel Number	6825.000 175	TSL Conductivity [S/m]	6.25
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.21	Test Distance [mm]	5.00

Hardware Setup

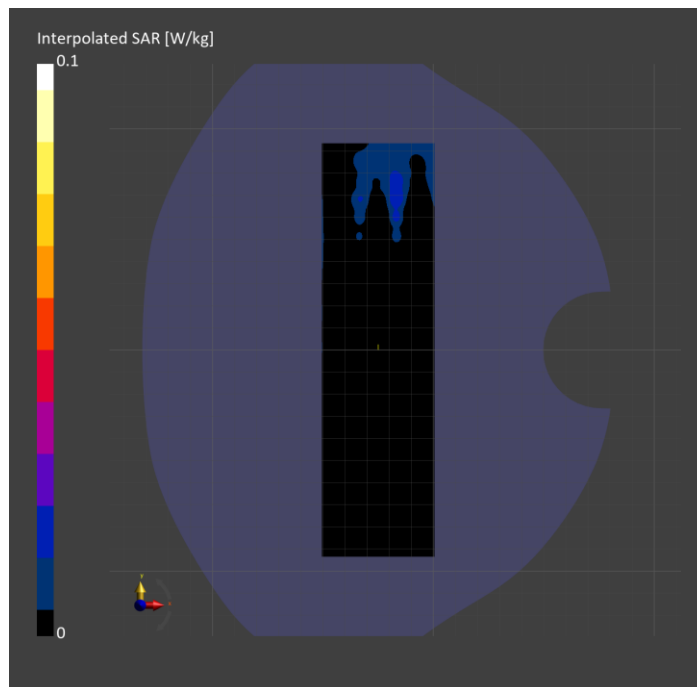
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DAE Calibration Date	DAE4 Sn1472 2025-01-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	51.0 x 187.0
Grid Steps [mm]	8.5 x 8.5
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.015
psSAR10g [W/Kg]	0.005
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	32.6
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.45
Group UID	WLAN 10755-AAC	Phantom Section TSL	LeftHead Head Simulating Liquid
Conversion Factor	5.51	Test Distance [mm]	0.00

Hardware Setup

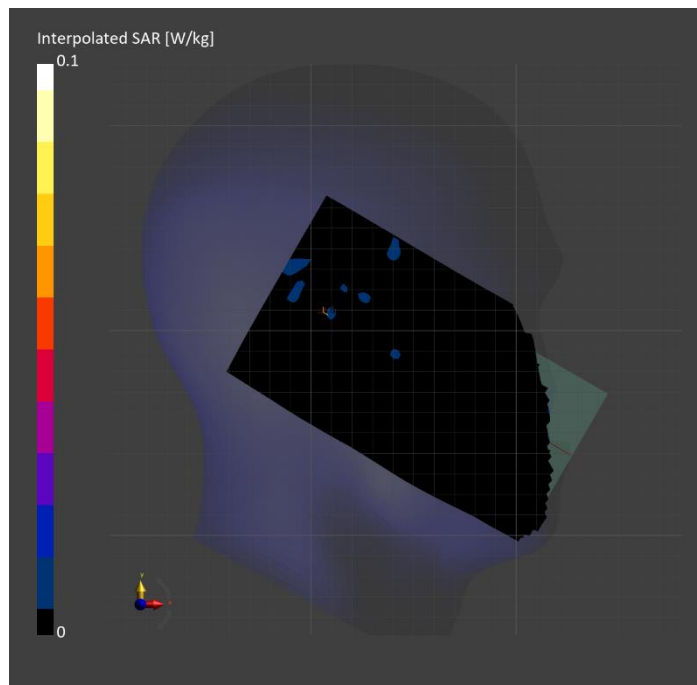
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DAE Calibration Date	DAE4 Sn1258 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	102.0 x 187.0
Grid Steps [mm]	8.5 x 8.5
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.008
psSAR10g [W/Kg]	0.002
Power Drift [dB]	N/A



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	32.6
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.45
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.51	Test Distance [mm]	5.00

Hardware Setup

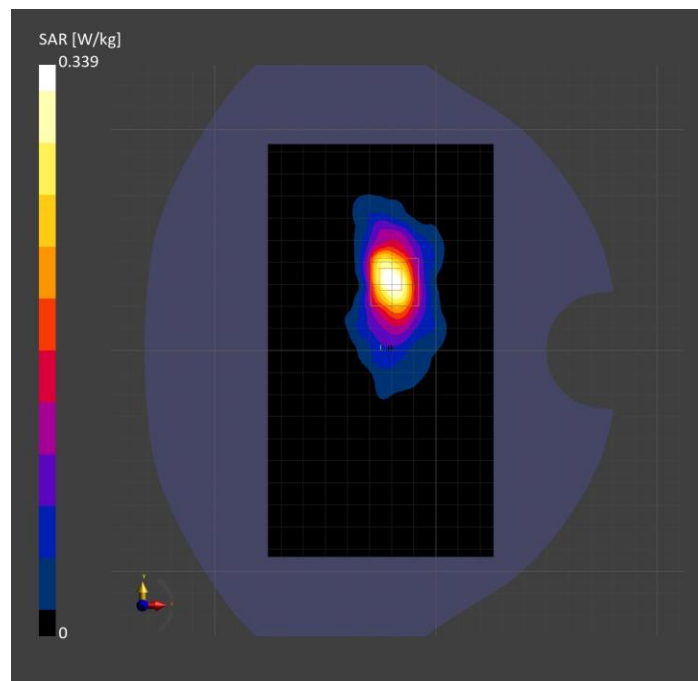
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DAE Calibration Date	DAE4 Sn1258 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	30.6 x 30.6 x 22.9
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		46.5
Dist 3dB Peak [mm]		8.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	2.44 -20.0, 31.1, -197.0

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.442	0.483	N/A
psSAR8g [W/Kg]	0.174	0.183	N/A
psSAR10g [W/Kg]	0.154	0.163	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	3.67
Power Drift [dB]	N/A	0.17	0.17



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	32.6
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.45
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat Head Simulating Liquid
Conversion Factor	5.51	Test Distance [mm]	5.00

Hardware Setup

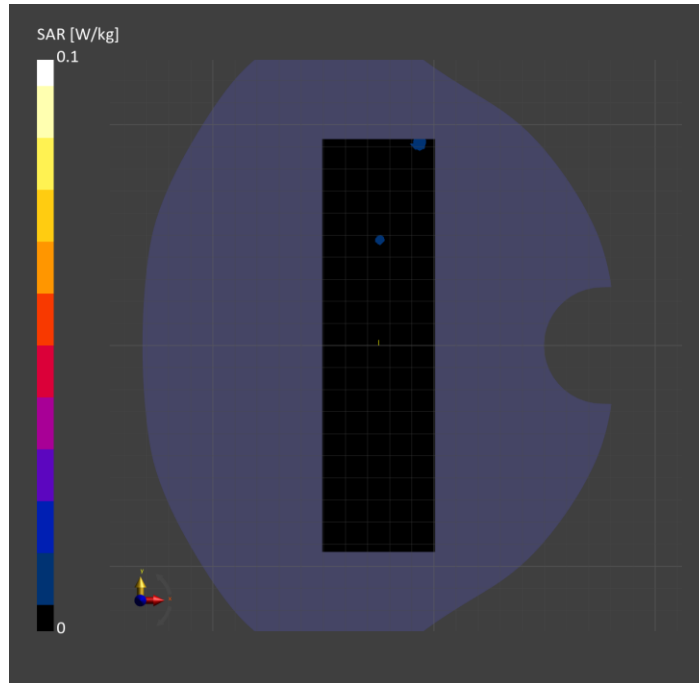
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DAE Calibration Date	DAE4 Sn1258 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	51.0 x 187.0
Grid Steps [mm]	8.5 x 8.5
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.008
psSAR10g [W/Kg]	0.002
Power Drift [dB]	N/A



ISM 2.4 GHz Band: Bluetooth Low Energy, EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.70
Group UID	CW 10670--	Phantom Section TSL	Flat HSL
Conversion Factor	7.47	Test Distance [mm]	5.00

Hardware Setup

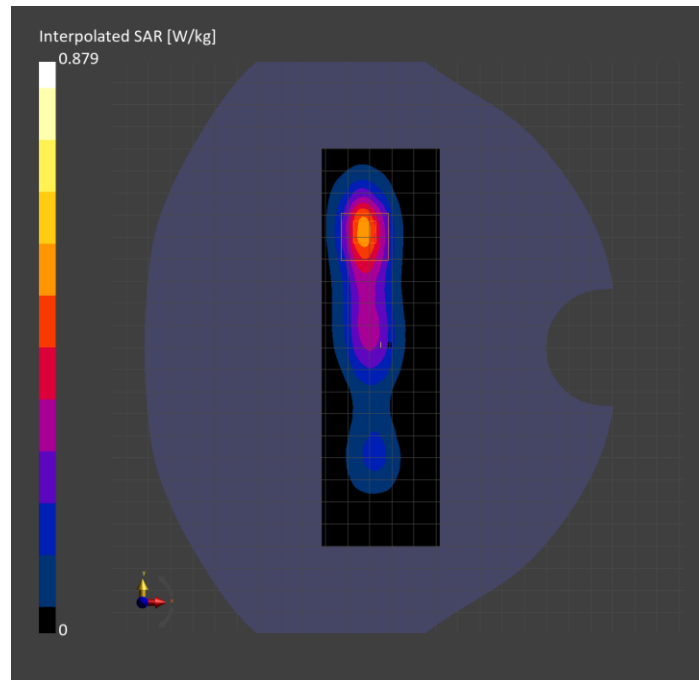
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DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.879, -32.2, 52.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.425	0.437
psSAR10g [W/Kg]	0.199	0.205
Power Drift [±0.2 dB]	N/A	0.00



ISM 2.4 GHz Band: Bluetooth Low Energy, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.8
Frequency [MHz] Channel Number	2480.000 78	TSL Conductivity [S/m]	1.70
Group UID	CW 10670--	Phantom Section TSL	RightHead HSL
Conversion Factor	8.17	Test Distance [mm]	0.00

Hardware Setup

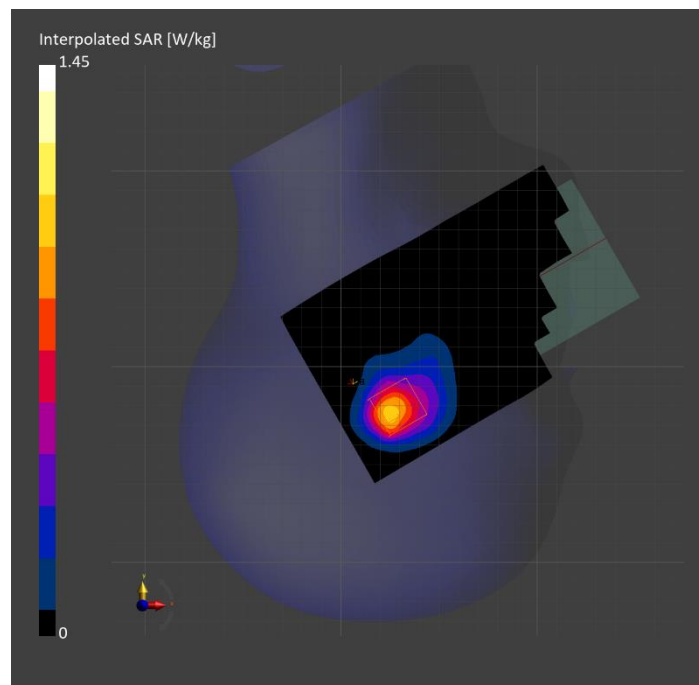
Probe Calibration Date	EX3DV4 - SN3902 2025-03-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.45, 25.3, -322.2, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.802	0.815
psSAR10g [W/Kg]	0.398	0.415
Power Drift [±0.2 dB]	N/A	-0.00



ISM 2.4 GHz Band: Bluetooth Low Energy, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.9
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.68
Group UID	CW 10670--	Phantom Section TSL	Flat HSL
Conversion Factor	8.17	Test Distance [mm]	5.00

Hardware Setup

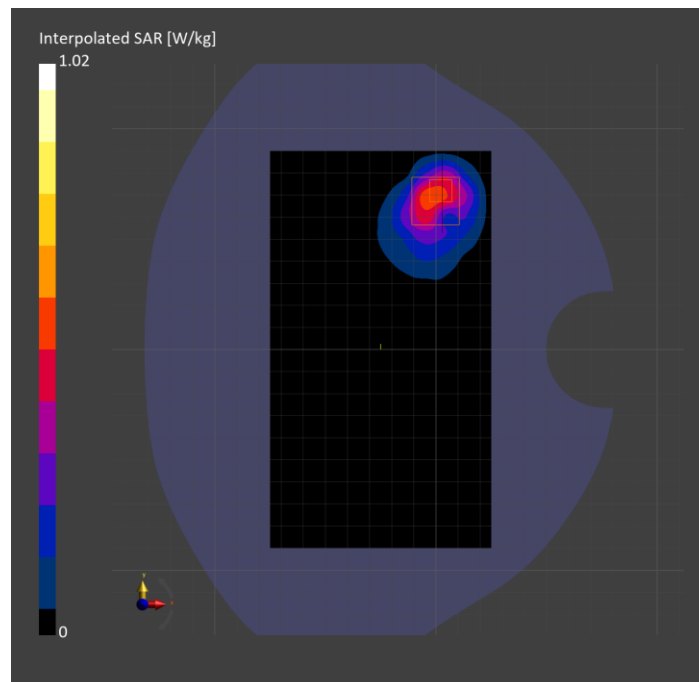
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DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.02, 2.2, 71.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.445	0.445
psSAR10g [W/Kg]	0.216	0.218
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.1
Frequency [MHz] Channel Number	5203.000 5203000	TSL Conductivity [S/m]	4.37
Group UID	CW 10032--	Phantom Section TSL	Flat HSL
Conversion Factor	5.47	Test Distance [mm]	5.00

Hardware Setup

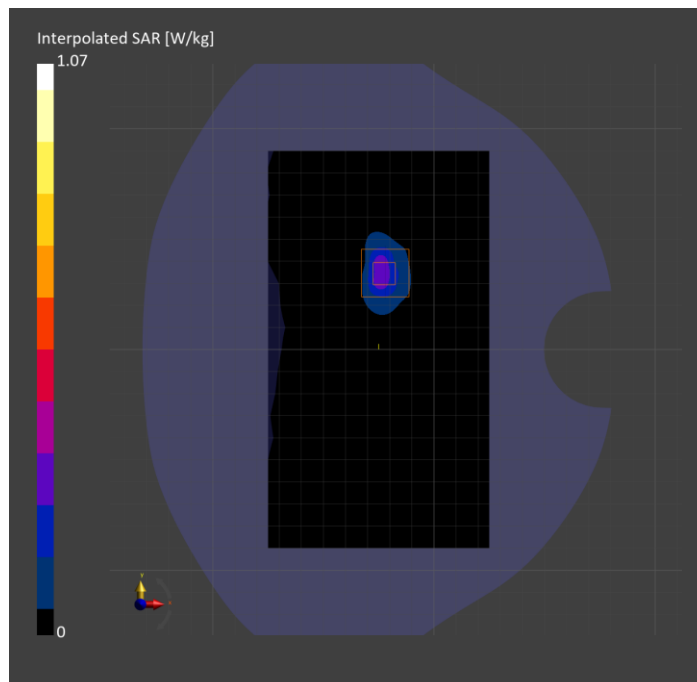
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DAE Calibration Date	DAE4 Sn1352 2025-04-14s	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	28.0 x 24.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		61.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.07, -22.5, 34.3, -204.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.223	0.250
psSAR10g [W/Kg]	0.073	0.068
Power Drift [±0.2 dB]	N/A	-0.15



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.1
Frequency [MHz] Channel Number	5203.000 5203000	TSL Conductivity [S/m]	4.37
Group UID	CW 10032--	Phantom Section TSL	Flat HSL
Conversion Factor	5.47	Test Distance [mm]	5.00

Hardware Setup

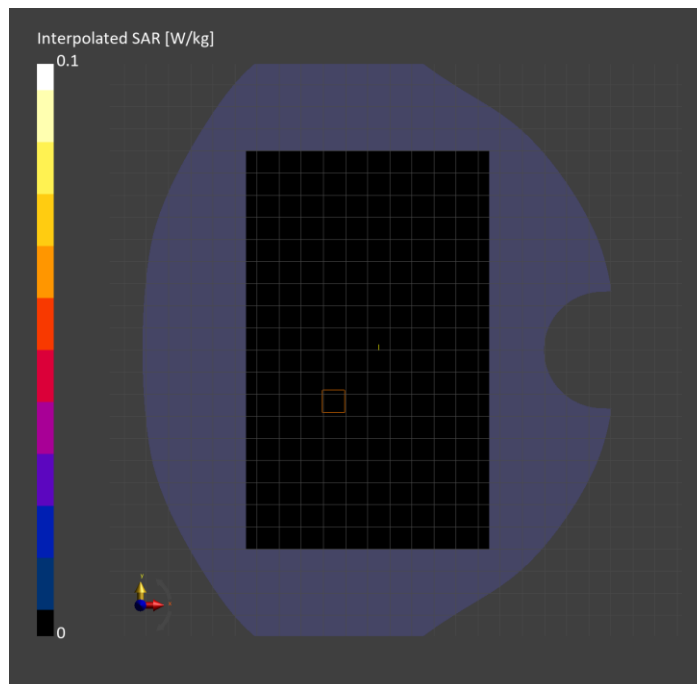
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DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	44.0 x 48.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		32.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		0.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.011, 14.4, 0.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.001	0
psSAR10g [W/Kg]	0	0
Power Drift [±0.2 dB]	N/A	0.74



Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.1
Frequency [MHz] Channel Number	5203.000 5203000	TSL Conductivity [S/m]	4.37
Group UID	CW 10032--	Phantom Section TSL	Flat HSL
Conversion Factor	5.47	Test Distance [mm]	5.00

Hardware Setup

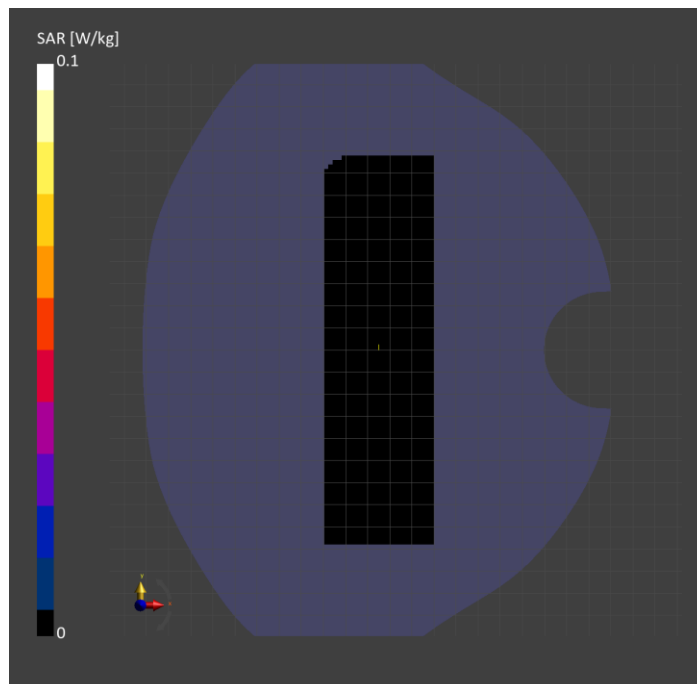
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DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	40.0 x 40.0 x 22.9
Grid Steps [mm]	8.9 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 [> 30%]		12.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		0.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.005, 34.6, 0.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0	0
psSAR10g [W/Kg]	0	0
Power Drift [±0.2 dB]	N/A	2.00



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.2
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	4.89
Group UID	CW 10032--	Phantom Section TSL	RightHead HSL
Conversion Factor	5.52	Test Distance [mm]	0.00

Hardware Setup

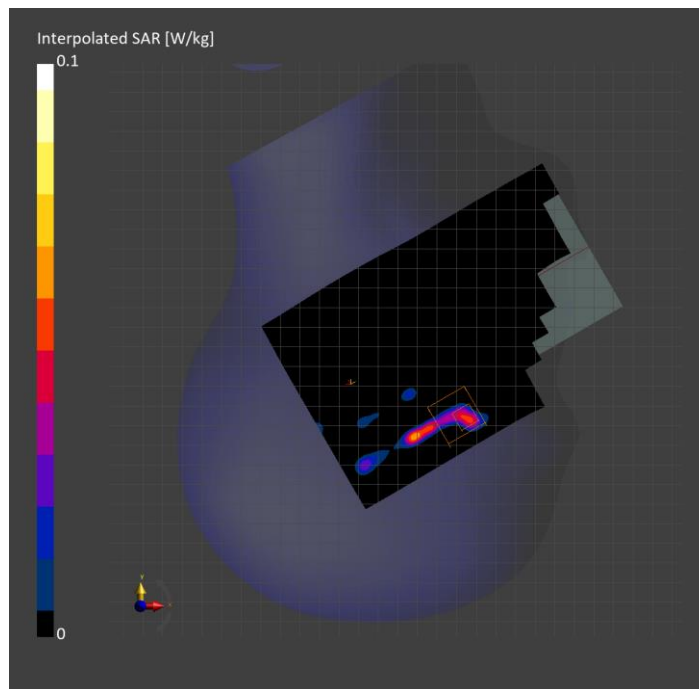
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DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	100.0 x 180.0
Grid Steps [mm]	10.0 x 10.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.028
psSAR10g [W/Kg]	0.004
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.8
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.06
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.52	Test Distance [mm]	5.00

Hardware Setup

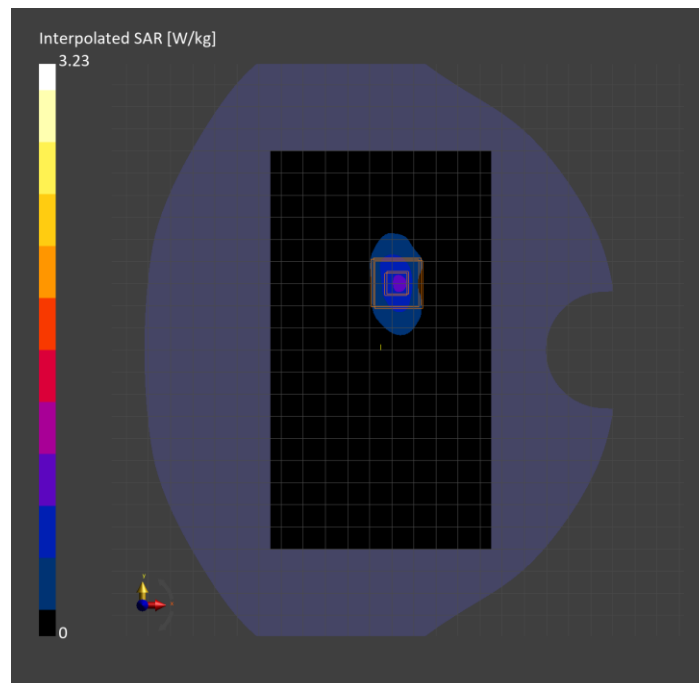
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DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	32.0 x 32.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		54.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.19, -18.1, 29.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.622	0.682
psSAR10g [W/Kg]	0.218	0.216
Power Drift [±0.2 dB]	N/A	-0.20



Custom Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.37
Group UID	CW 10032--	Phantom Section TSL	Flat HSL
Conversion Factor	5.52	Test Distance [mm]	5.00

Hardware Setup

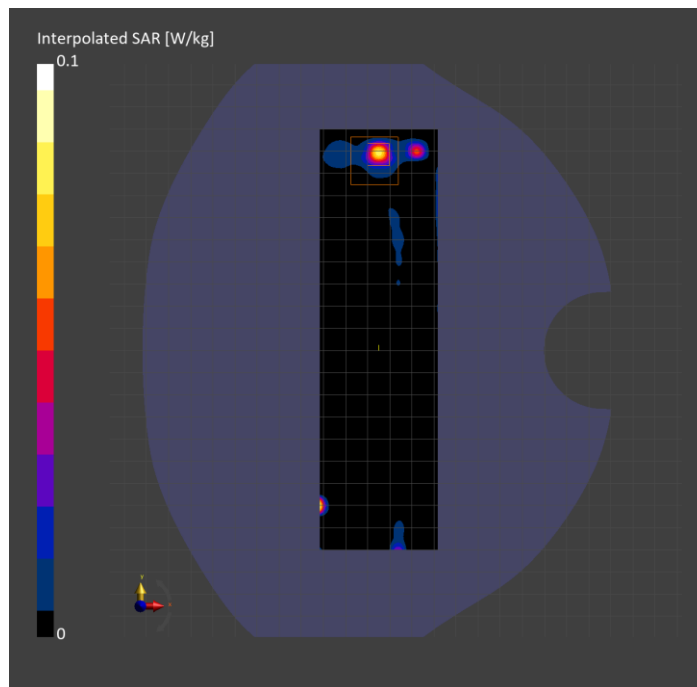
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DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	53.4 x 180.0
Grid Steps [mm]	8.9 x 10.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.035
psSAR10g [W/Kg]	0.007
Power Drift [±0.2 dB]	N/A



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.2
Frequency [MHz] Channel Number	6263.000 Mid	TSL Conductivity [S/m]	5.52
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	5.37	Test Distance [mm]	5.00

Hardware Setup

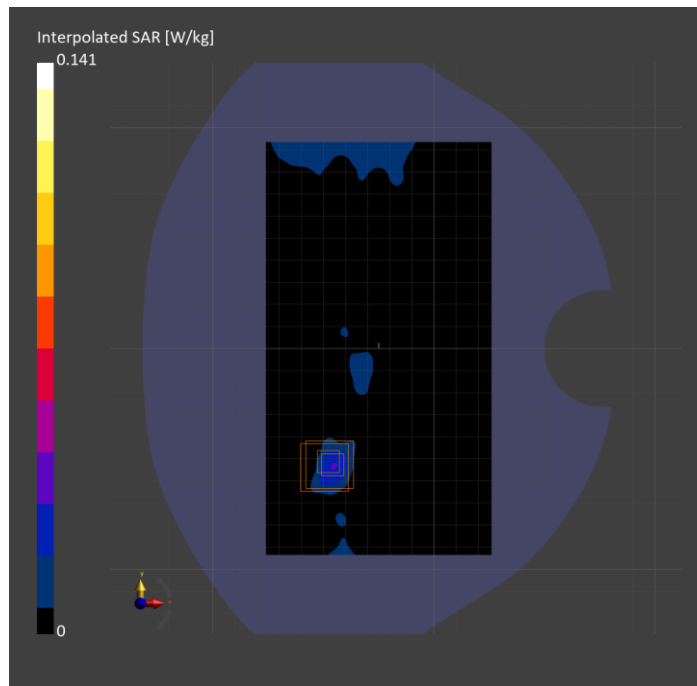
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	34.0 x 34.0 x 22.9	34.0 x 34.0 x 22.9
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 [> 30%]		60.3	60.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		3.4	4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.141, -47.1, -52.6, -197.0	0.135, -49.5, -53.9, -197.0

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.026	0.024	0.025	N/A	N/A
psSAR8g [W/Kg]	0.008	0.007	0.008	N/A	N/A
psSAR10g [W/Kg]	0.007	0.006	0.007	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.140	0.153
Power Drift [±0.2 dB]	N/A	N/A	1.76	N/A	N/A



Custom Band: CW, EDGE BOTTOM

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.2
Frequency [MHz] Channel Number	6263.000 6263000	TSL Conductivity [S/m]	5.52
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	5.37	Test Distance [mm]	5.00

Hardware Setup

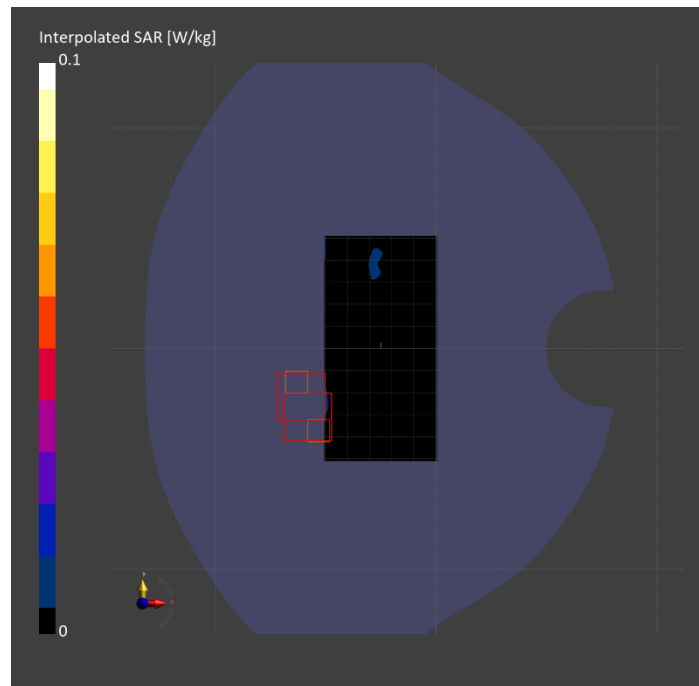
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	51.0 x 102.0	30.6 x 37.4 x 22.9	34.0 x 34.0 x 22.9
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 [> 30%]		52.4	69.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		1.4	2.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.016, -57.1, -42.7, -197.0	0.017, -60.8, -19.8, -197.0

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.007	0.003	0.004	N/A	N/A
psSAR8g [W/Kg]	0.003	0	0.003	N/A	N/A
psSAR10g [W/Kg]	0.002	0	0.003	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.018	0.061
Power Drift [±0.2 dB]	N/A	2.72	-1.10	N/A	N/A



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.9
Frequency [MHz] Channel Number	6263.000 6263000	TSL Conductivity [S/m]	5.55
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.37	Test Distance [mm]	0.00

Hardware Setup

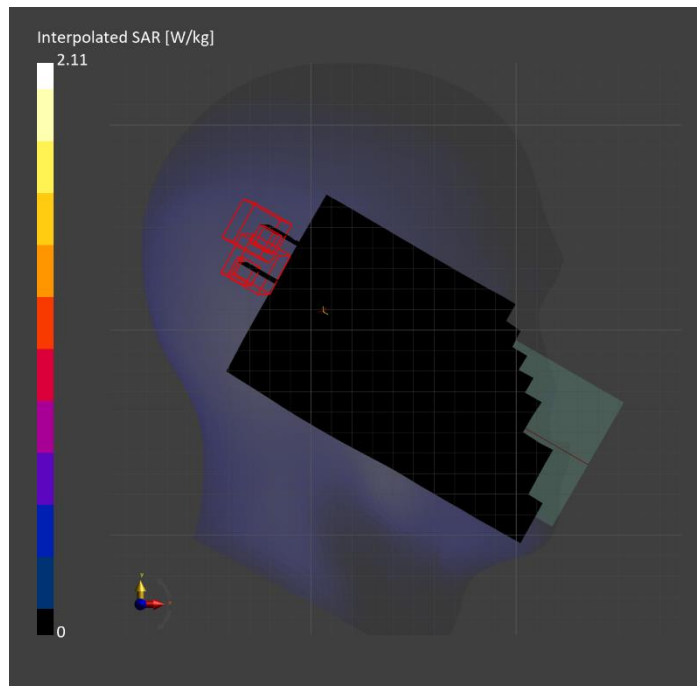
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	31.5 x 33.6 x 25.0	31.5 x 31.5 x 25.0
Grid Steps [mm]	8.5 x 8.5	2.1 x 2.1 x 1.2	2.1 x 2.1 x 1.2
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [> 30%]		N/A	16.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		1.6	0.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.342, -28.5, 332.0, -157.1	2.11, -25.0, 348.6, -157.3

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.018	0.004	0.003	N/A	N/A
psSAR8g [W/Kg]	0.005	0.001	0	N/A	N/A
psSAR10g [W/Kg]	0.005	0.001	0	N/A	N/A
psAPD (4.0cm ² , sq.) [W/m ²]	N/A	N/A	N/A	0.025	0.020
Power Drift [±0.2 dB]	N/A	3.30	-0.98	N/A	N/A



Custom Band: CW, EDGE LEFT

Exposure Conditions

Band	Custom Band	TSL Permittivity	42.9
Frequency [MHz] Channel Number	1610.200 1610200	TSL Conductivity [S/m]	1.20
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.8	Test Distance [mm]	0.00

Hardware Setup

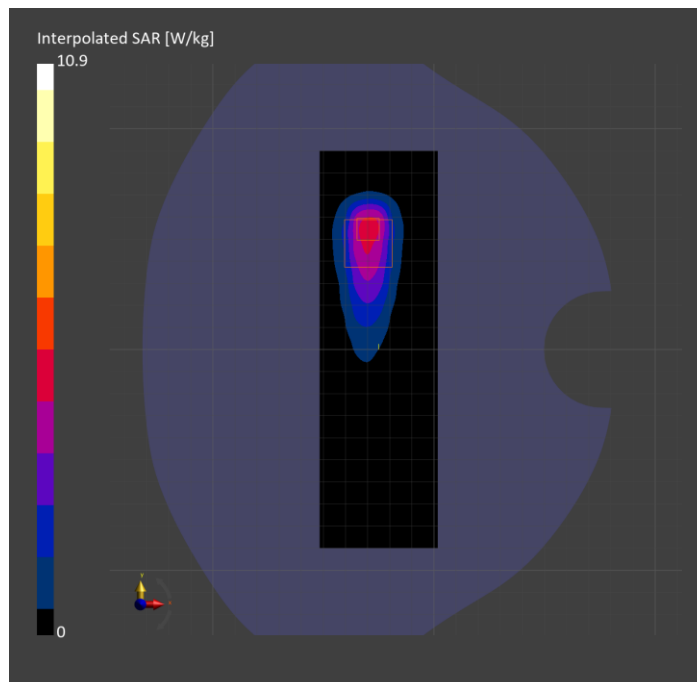
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	34.2 x 45.6 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		71.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	10.9, -29.7, 48.1, -196.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.17	4.03
psSAR10g [W/Kg]	2.18	2.02
Power Drift [±0.2 dB]	N/A	-0.03



Custom Band: CW, EDGE RIGHT

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.8
Frequency [MHz] Channel	2440.000 Mid	TSL Conductivity [S/m]	1.68
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

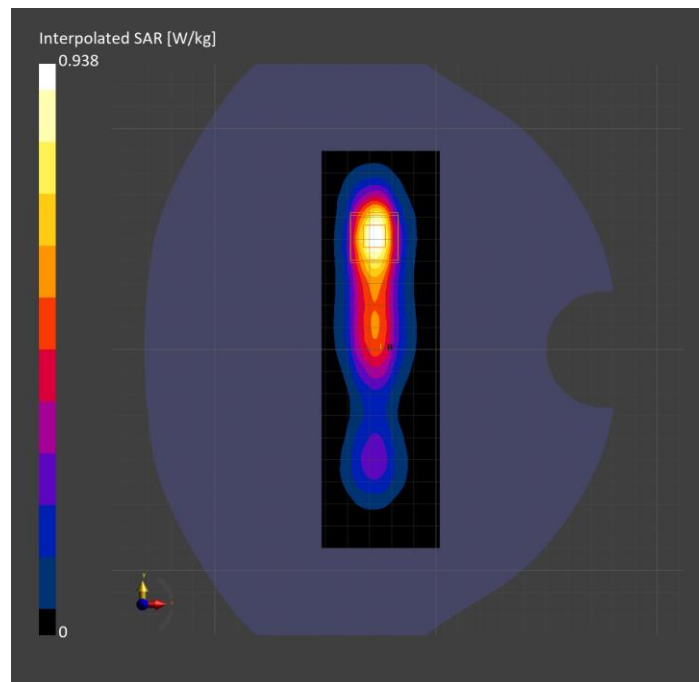
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DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.9 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 [> 30%]		81.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.938, -28.0, 51.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.450	0.462
psSAR10g [W/Kg]	0.208	0.213
Power Drift [±0.2 dB]	N/A	0.00



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.8
Frequency [MHz] Channel Number	2440.000 2440000	TSL Conductivity [S/m]	1.68
Group UID	CW 0--	Phantom Section TSL	RightHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

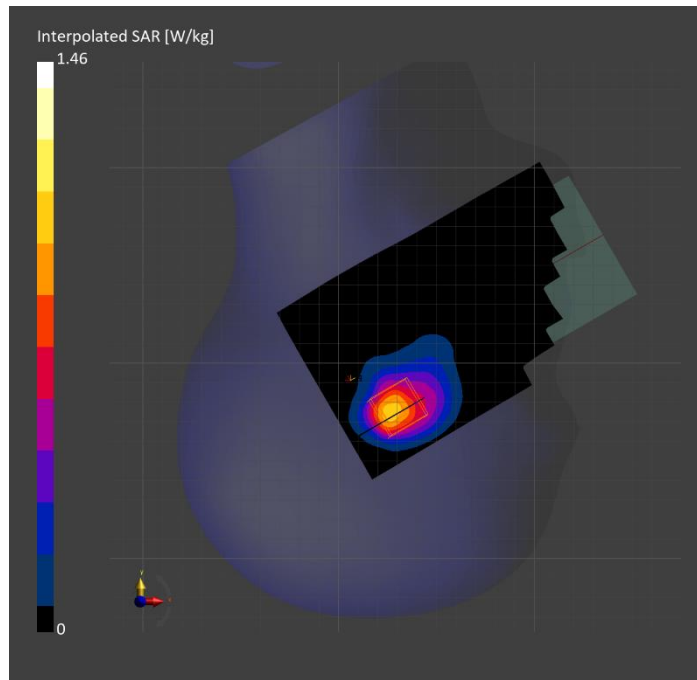
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.46, 27.2, -324.6, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.825	0.838
psSAR10g [W/Kg]	0.415	0.434
Power Drift [±0.2 dB]	N/A	0.01



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	42.0
Frequency [MHz] Channel Number	2405.000 2405000	TSL Conductivity [S/m]	1.71
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

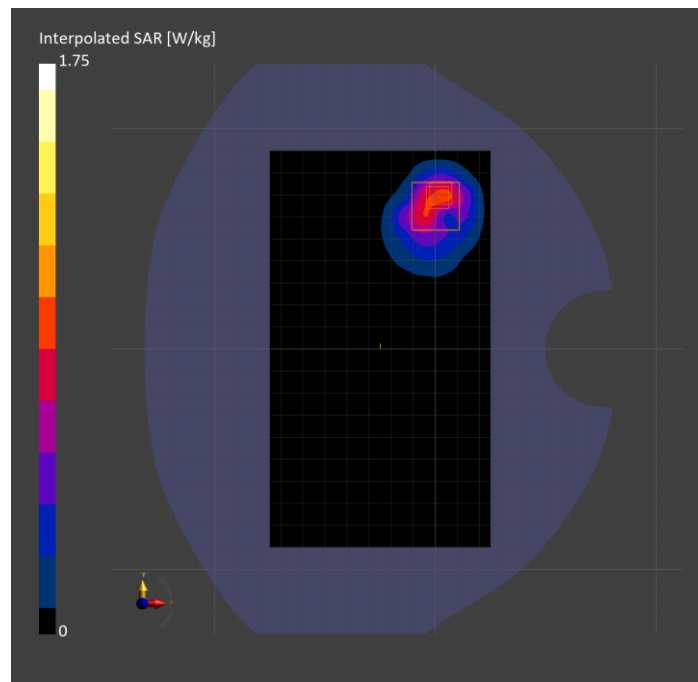
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DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	100.0 x 180.0	40.0 x 40.0 x 31.2	40.0 x 40.0 x 31.2
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 [> 30%]		77.0	75.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1	6.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.65, 2.5, 70.6, -202.0	1.75, 2.5, 70.6, -202.0

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.727	0.732	0.740
psSAR10g [W/Kg]	0.358	0.362	0.366
Power Drift [±0.2 dB]	N/A	0.10	0.00



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.0
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	4.93
Group UID	CW 10658-AAB	Phantom Section TSL	RightHead HSL
Conversion Factor	5.54	Test Distance [mm]	0.00

Hardware Setup

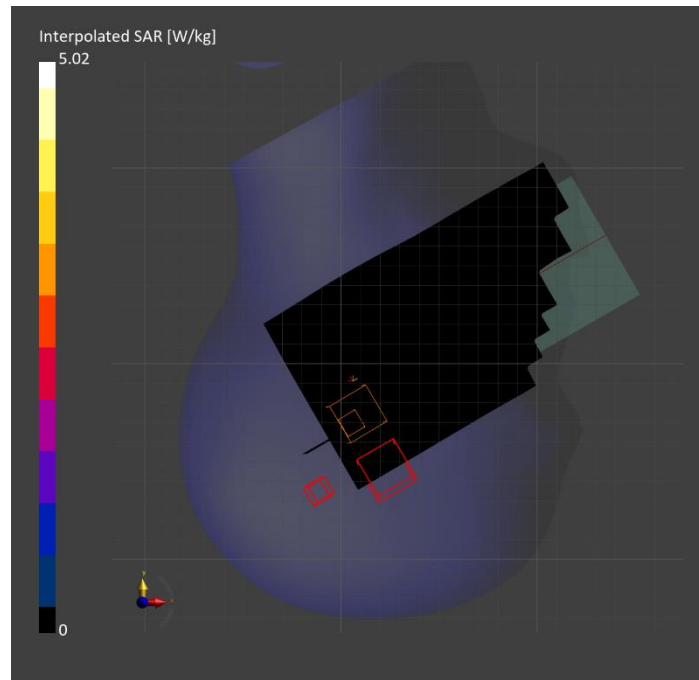
Probe Calibration Date	EX3DV4 - SN7914 2025-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1893 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	36.0 x 36.0 x 25.0
Grid Steps [mm]	10.0 x 10.0	1.5 x 1.5 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		N/A
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		0.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.591, -11.4, -365.1, -162.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.008	0
psSAR10g [W/Kg]	0.002	0
Power Drift [±0.2 dB]	N/A	-5.53



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.0
Frequency [MHz] Channel Number	5786.300 Mid	TSL Conductivity [S/m]	4.93
Group UID	CW 10658-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	5.54	Test Distance [mm]	5.00

Hardware Setup

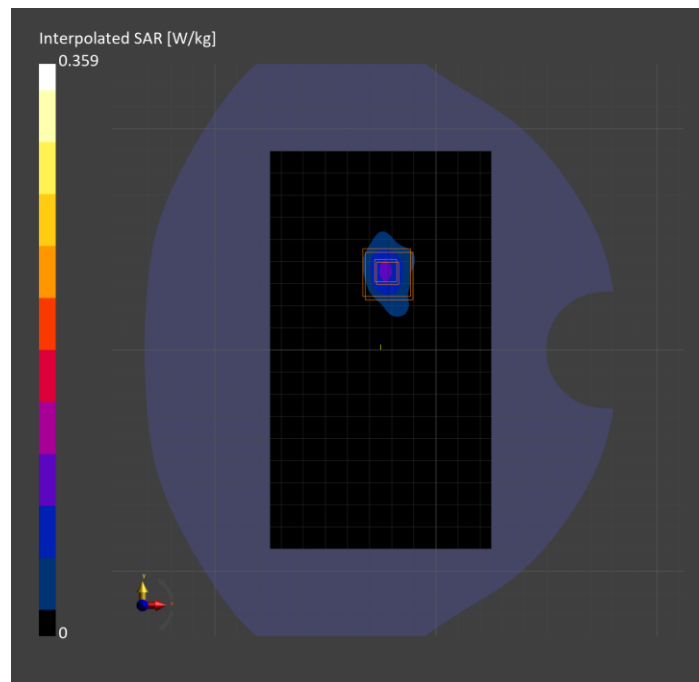
Probe Calibration Date	EX3DV4 - SN7914 2025-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1893 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	28.0 x 28.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		57.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.360, -21.8, 34.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.071	0.076
psSAR10g [W/Kg]	0.024	0.023
Power Drift [±0.2 dB]	N/A	-0.14



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.0
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	4.93
Group UID	CW 10658-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	5.54	Test Distance [mm]	5.00

Hardware Setup

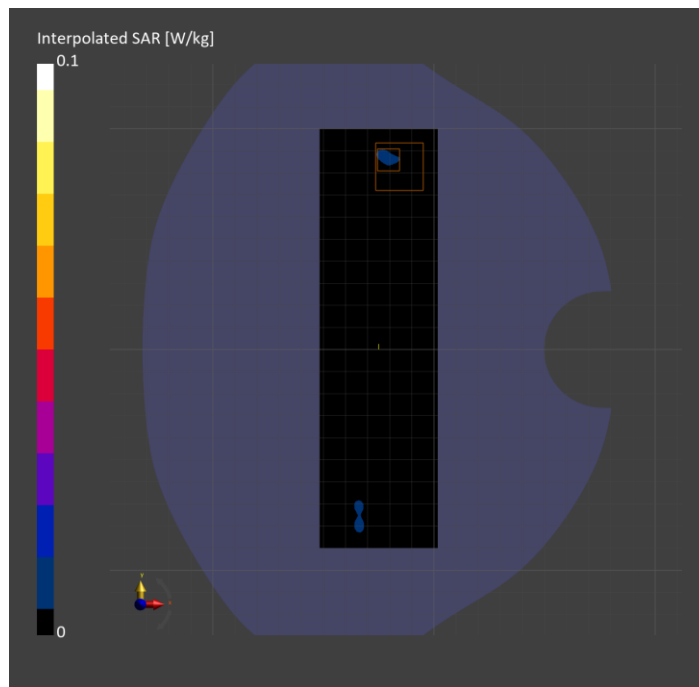
Probe Calibration Date	EX3DV4 - SN7914 2025-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1893 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	53.4 x 180.0
Grid Steps [mm]	8.9 x 10.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.006
psSAR10g [W/Kg]	0.002
Power Drift [±0.2 dB]	N/A



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	57.3
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.708
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	16.74	Test Distance [mm]	0.00

Hardware Setup

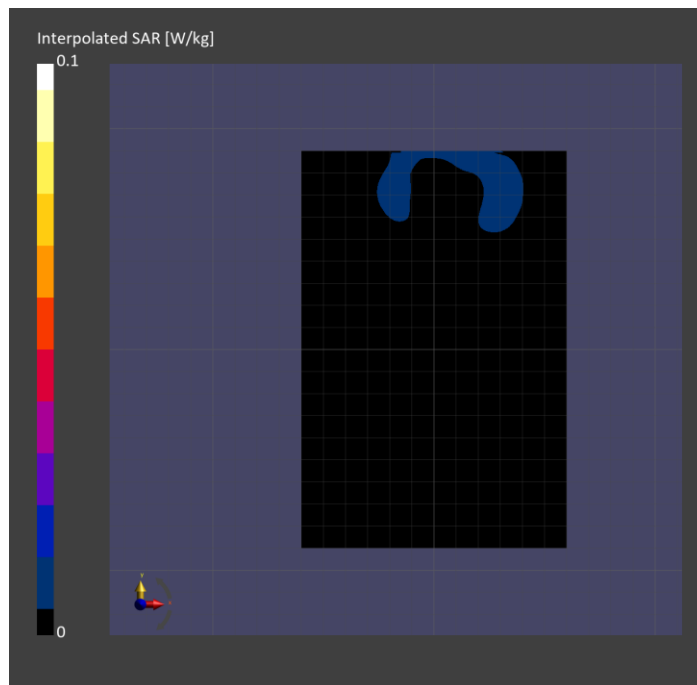
Probe Calibration Date	EX3DV4 - SN7448 2025-02-10	Phantom	ELI V5.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL4-250V3
Software Version	16.4.0.5005		

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]	0.013
psSAR10g [W/Kg]	0.01
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

Band	U-NII-5	Phantom Section	5G
Frequency [MHz] Channel Number	6025.0 15	Conversion Factor	1.0
Group UID	WLAN, 10755-AAC	Position Test Distance [mm]	BACK 2.00

Hardware Setup

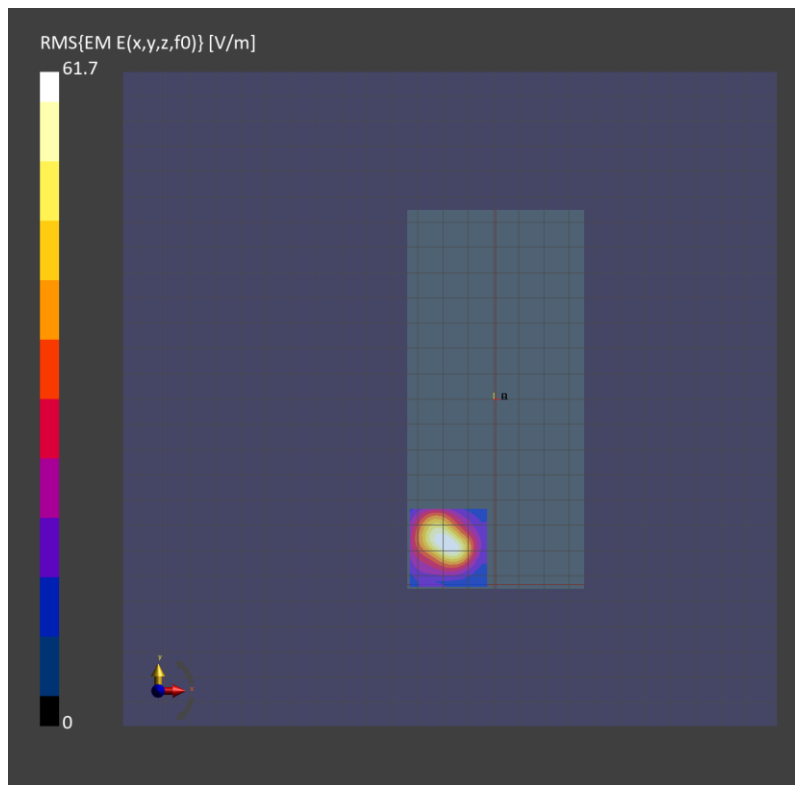
Probe Calibration Date	EUmmWV4 - SN9493_F1-55GHz 2025-01-13	Phantom	mmWave xxxx
DAE Calibration Date	DAE4 Sn1716 2025-03-11	Medium	Air -
Software Version	3.2.0.1840		

Scan Setup

Scan Type	5G Scan	Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0412 x 0.0412	Sensor Surface [mm]	2.0

Measurement Results

Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.36
psPDtot+ [W/m ²]	2.95
psPDmod+ [W/m ²]	3.75
E _{max} [V/m]	61.7
Power Drift [dB]	0.12



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	Phantom Section	5G
Frequency [MHz] Channel Number	6263.0 6263000	Conversion Factor	1.0
Group UID	CW, 0--	Position Test Distance [mm]	BACK 2.00

Hardware Setup

Probe Calibration Date	EUmmWV4 - SN9619_F1-55GHz 2025-03-05	Phantom	mmWave xxxx
DAE Calibration Date	DAE4 Sn1540 2025-01-08	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]	0.0412 x 0.0412	Sensor Surface [mm]	2.0

Measurement Results

Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.564
psPDtot+ [W/m ²]	0.685
psPDmod+ [W/m ²]	1.08
E _{max} [V/m]	34.2
Power Drift [dB]	-0.59

