

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.3
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.892
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.59	Test Distance [mm]	0.00

Hardware Setup

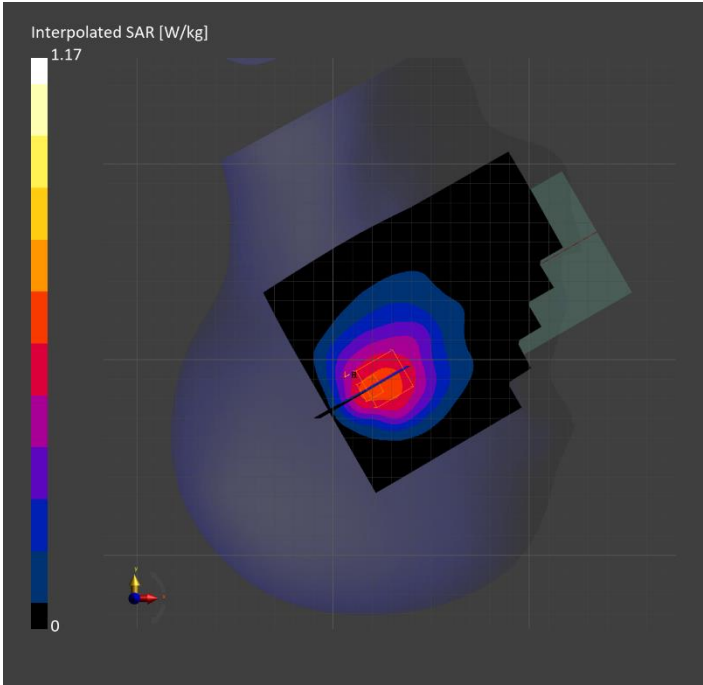
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	54.0 x 54.0 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%]		86.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.17, 18.5, -314.5, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.556	0.587
psSAR10g [W/Kg]	0.376	0.394
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.3
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.892
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.59	Test Distance [mm]	5.00

Hardware Setup

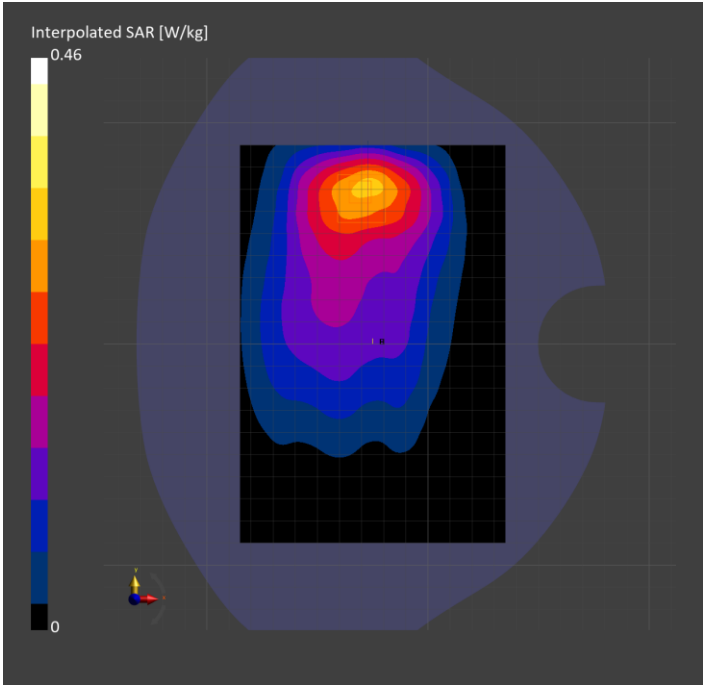
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		92.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		12.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.460, -30.7, 68.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.278	0.306
psSAR10g [W/Kg]	0.185	0.204
Power Drift [±0.2 dB]	N/A	-0.19



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.3
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.892
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.59	Test Distance [mm]	5.00

Hardware Setup

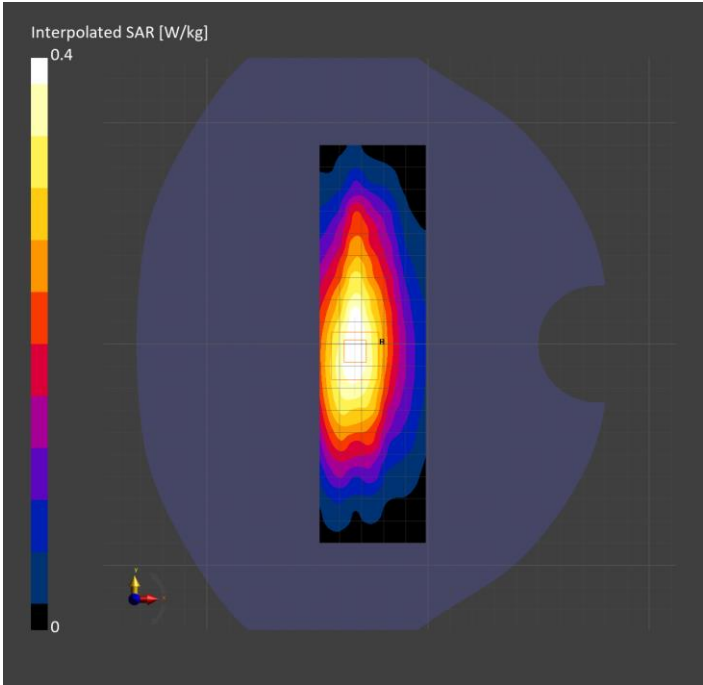
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DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 36.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		90.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		21.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.400, -32.9, -3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.253	0.264
psSAR10g [W/Kg]	0.167	0.177
Power Drift [±0.2 dB]	N/A	-0.17



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.2
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.35
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.36	Test Distance [mm]	0.00

Hardware Setup

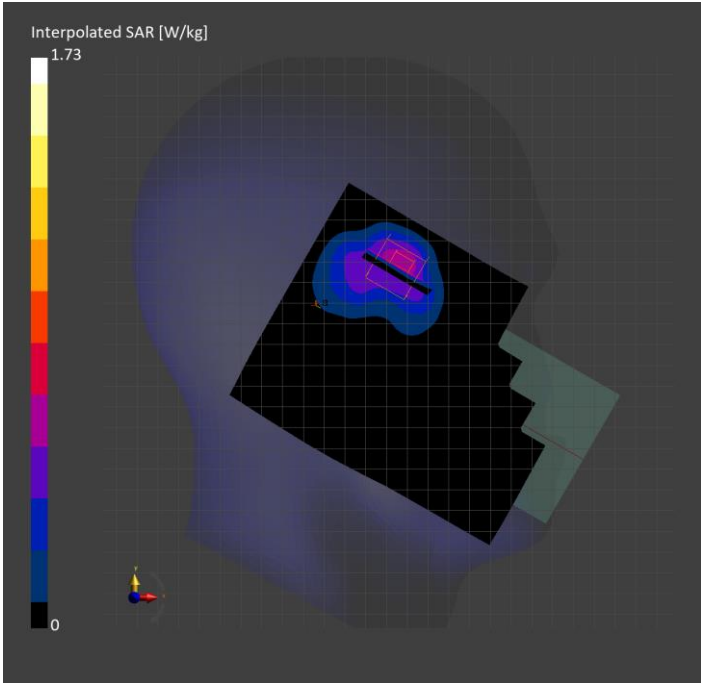
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DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		81.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.64, 47.0, 328.8, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.540	0.774
psSAR10g [W/Kg]	0.308	0.364
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.2
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.31
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

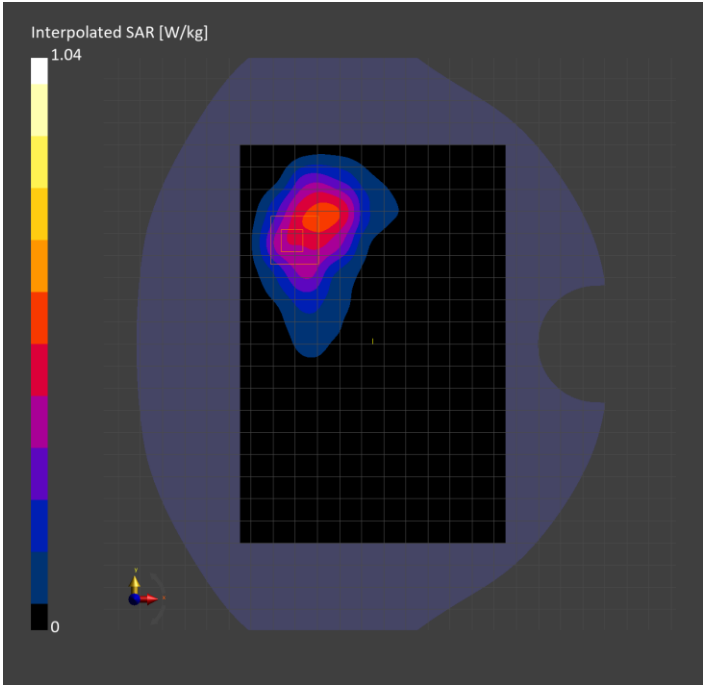
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DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 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%]		81.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.04, -61.5, 46.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.476	0.543
psSAR10g [W/Kg]	0.278	0.269
Power Drift [±0.2 dB]	N/A	0.03



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.4
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.31
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

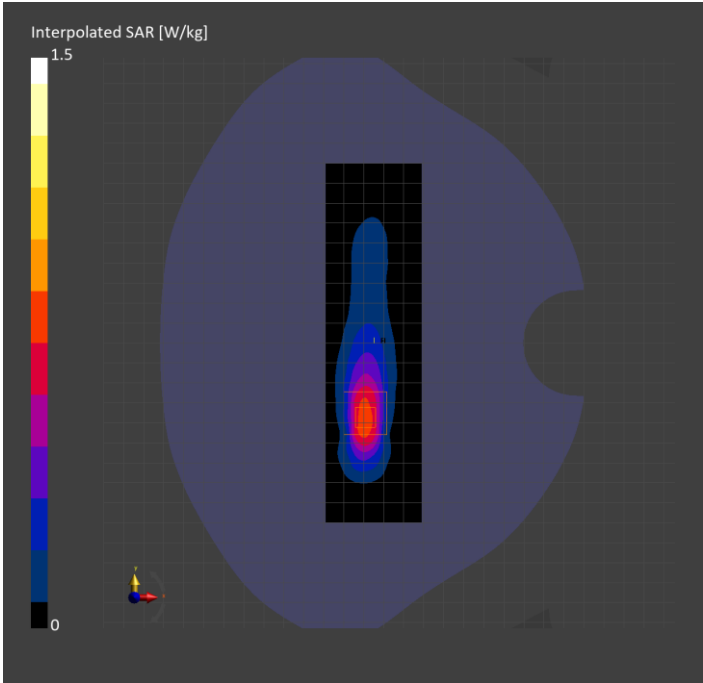
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DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	33.0 x 33.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.50, -29.1, -37.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.680	0.763
psSAR10g [W/Kg]	0.328	0.364
Power Drift [±0.2 dB]	N/A	0.01



Band 2: UMTS-FDD (WCDMA), TILT

Exposure Conditions

Band	Band 2	TSL Permittivity	41.1
Frequency [MHz] Channel Number	1852.400 9262	TSL Conductivity [S/m]	1.36
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.81	Test Distance [mm]	0.00

Hardware Setup

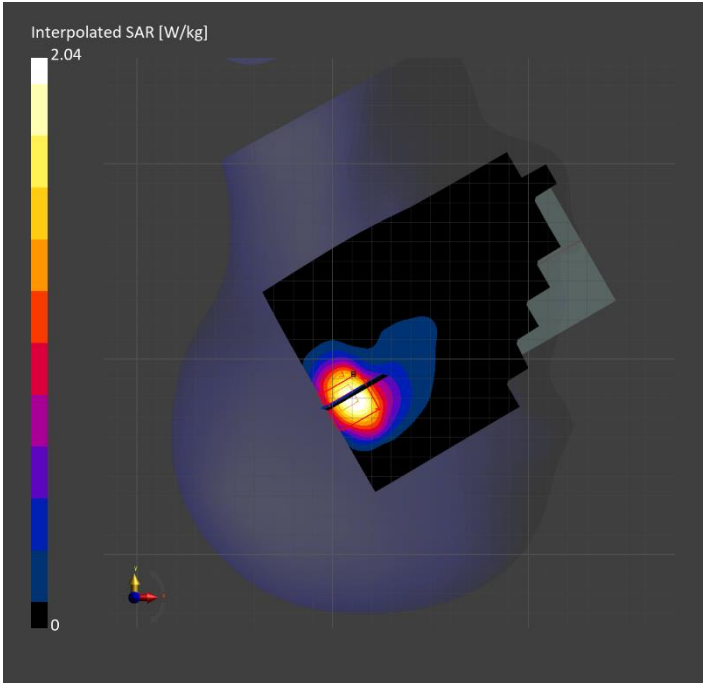
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.04, 5.8, -319.7, -168.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.844	0.903
psSAR10g [W/Kg]	0.452	0.432
Power Drift [±0.2 dB]	N/A	0.04



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	42.1
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.42
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.81	Test Distance [mm]	5.00

Hardware Setup

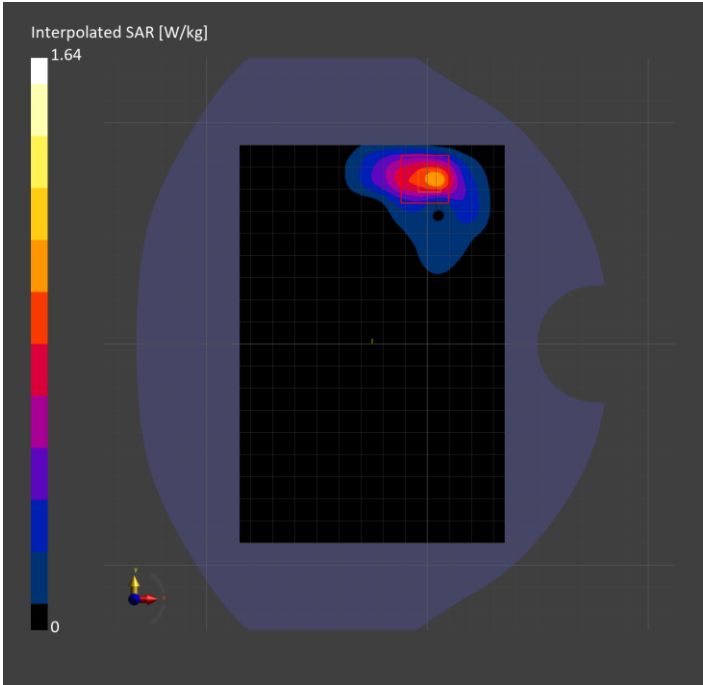
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		78.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.64, 0.9, 73.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.781	0.836
psSAR10g [W/Kg]	0.390	0.394
Power Drift [±0.2 dB]	N/A	-0.05



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

Exposure Conditions

Band	Band 2	TSL Permittivity	39.3
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.33
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

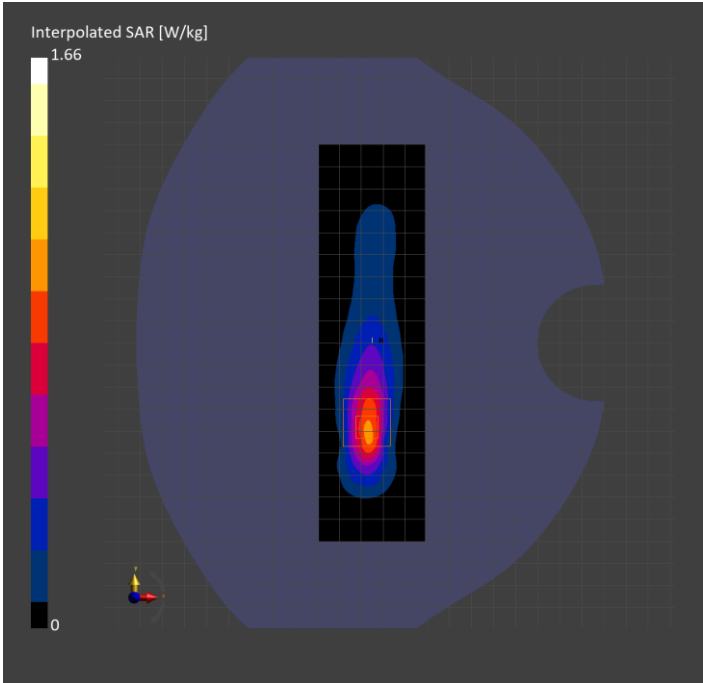
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	33.0 x 33.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.66, -27.4, -38.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.785	0.840
psSAR10g [W/Kg]	0.371	0.395
Power Drift [±0.2 dB]	N/A	-0.04



Band 4: UMTS-FDD (WCDMA), TILT

Exposure Conditions

Band	Band 4	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.29
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

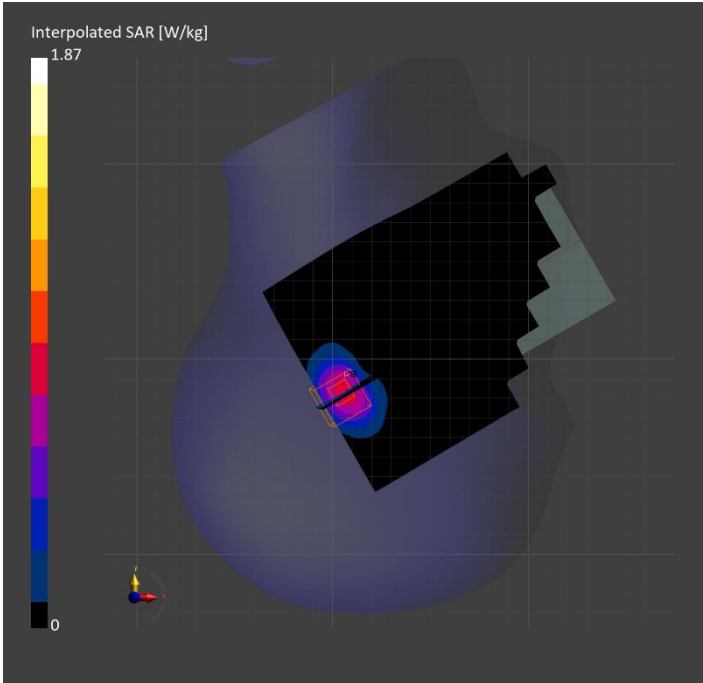
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.6 x 33.6 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.87, 3.9, -319.6, -162.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.699	0.834
psSAR10g [W/Kg]	0.380	0.386
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	Band 4	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.30
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

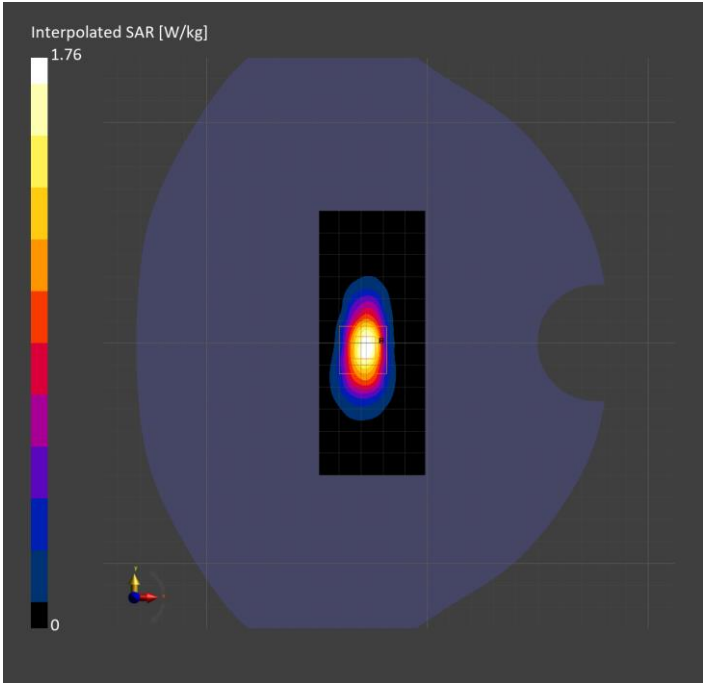
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	33.0 x 33.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, -28.5, -2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.806	0.837
psSAR10g [W/Kg]	0.367	0.373
Power Drift [±0.2 dB]	N/A	0.01



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.39
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.15	Test Distance [mm]	5.00

Hardware Setup

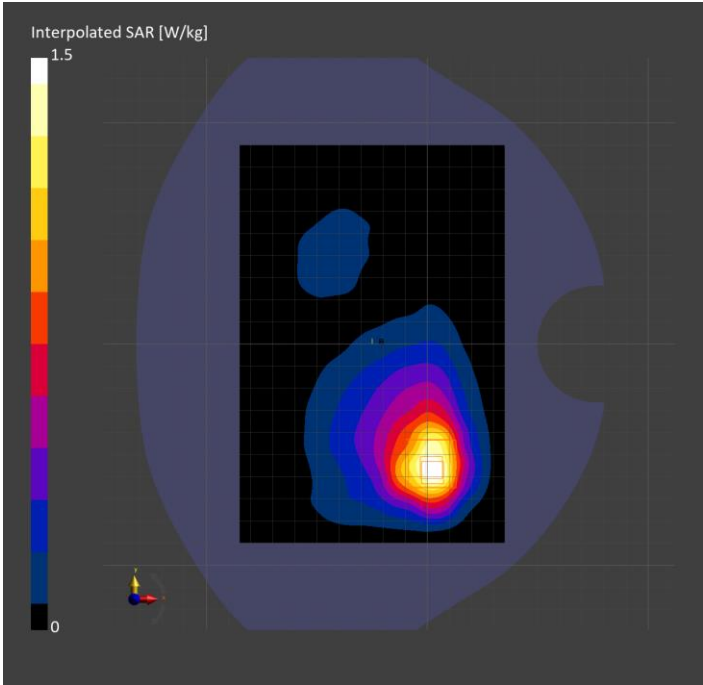
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DAE Calibration Date	DAE4ip Sn1892 2025-03-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		77.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, 2.3, -58.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.762	0.753
psSAR10g [W/Kg]	0.430	0.432
Power Drift [±0.2 dB]	0.01	-0.02



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.883
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.59	Test Distance [mm]	0.00

Hardware Setup

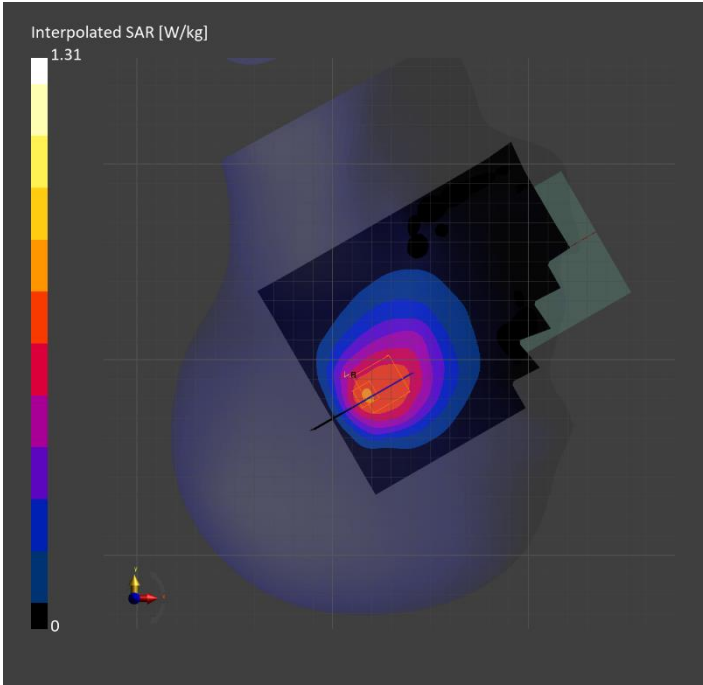
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DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	59.0 x 59.0 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%]		79.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.31, 16.6, -317.8, -173.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.669	0.695
psSAR10g [W/Kg]	0.458	0.487
Power Drift [±0.2 dB]	N/A	0.09



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	43.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.883
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.59	Test Distance [mm]	5.00

Hardware Setup

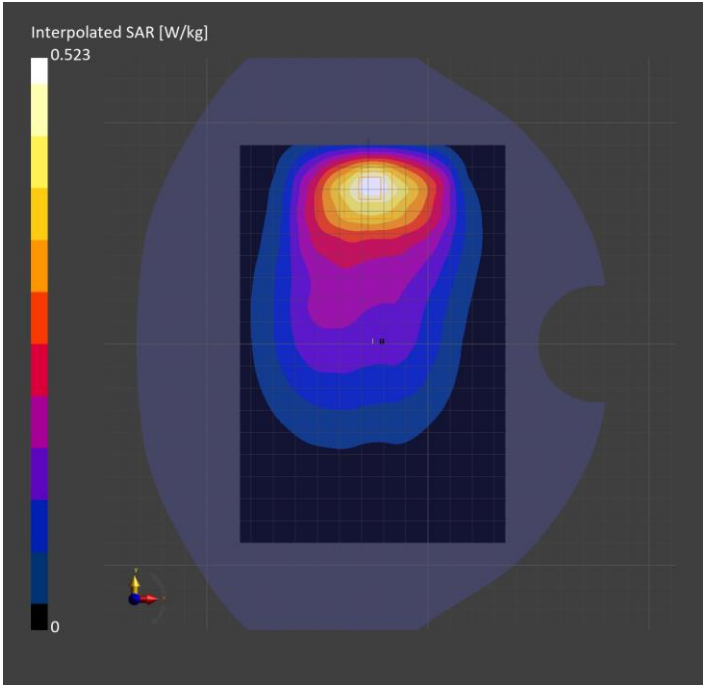
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DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		88.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.523, -26.3, 70.5, -205.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.342	0.363
psSAR10g [W/Kg]	0.220	0.245
Power Drift [±0.2 dB]	N/A	0.00



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

Exposure Conditions

Band	Band 5	TSL Permittivity	43.3
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.883
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.59	Test Distance [mm]	5.00

Hardware Setup

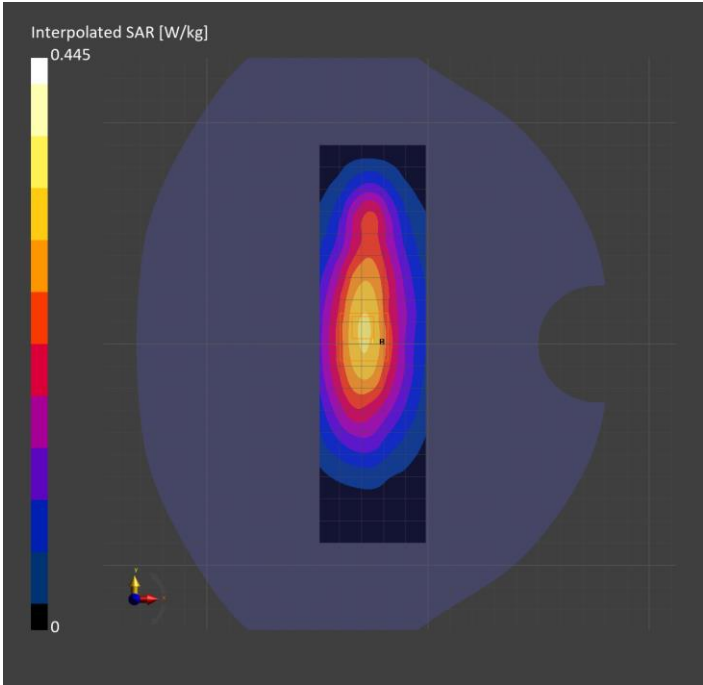
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DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		89.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		16.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.445, -29.4, 7.4, -206.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.296	0.307
psSAR10g [W/Kg]	0.195	0.212
Power Drift [±0.2 dB]	N/A	0.09



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	44.3
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.876
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.16	Test Distance [mm]	0.00

Hardware Setup

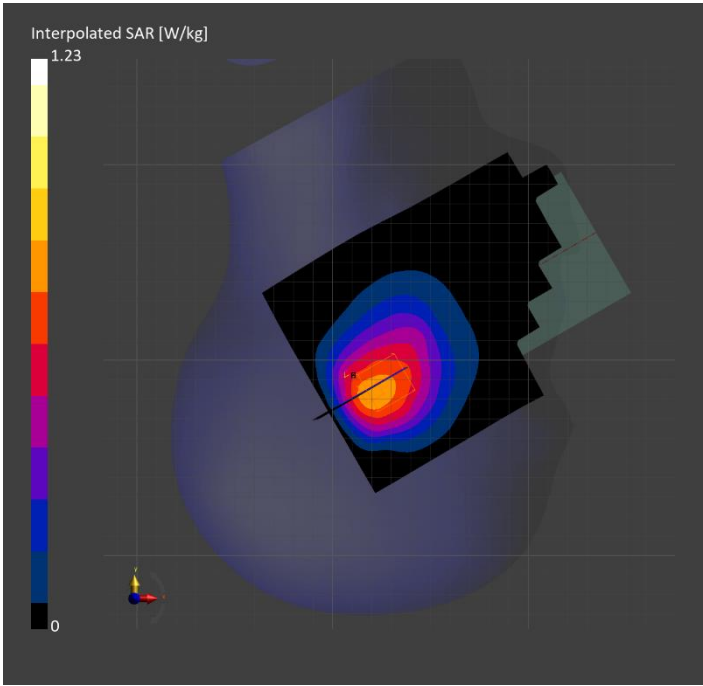
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	54.0 x 54.0 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%]		86.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.23, 19.0, -315.4, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.671	0.686
psSAR10g [W/Kg]	0.457	0.468
Power Drift [±0.2 dB]	N/A	-0.05



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.0
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.870
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

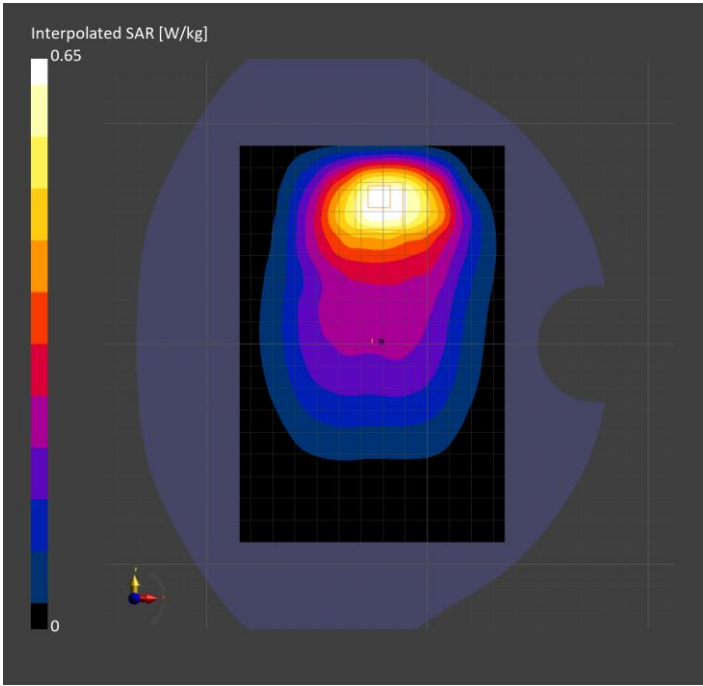
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		80.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.650, -21.9, 66.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.345	0.378
psSAR10g [W/Kg]	0.231	0.240
Power Drift [±0.2 dB]	N/A	0.04



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

AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 5	TSL Permittivity	44.3
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.876
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

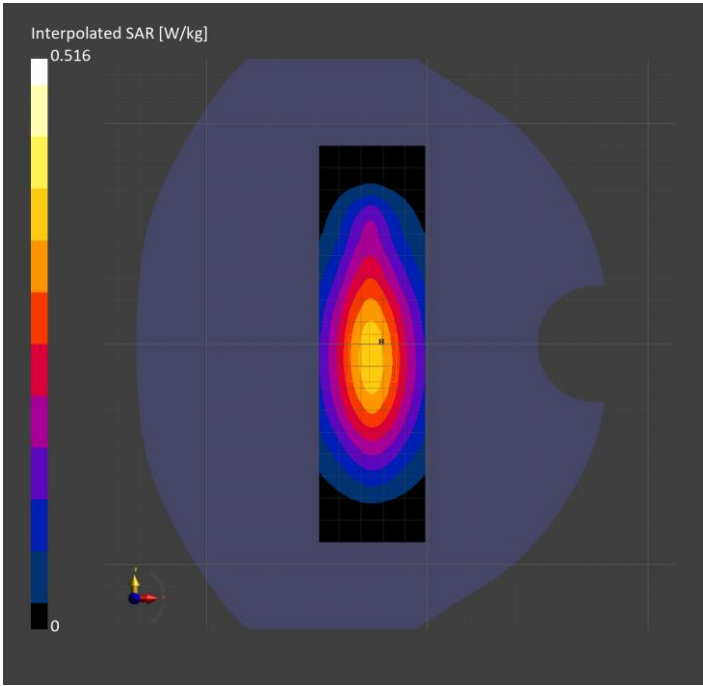
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		19.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.516, -25.5, -5.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.328	0.331
psSAR10g [W/Kg]	0.217	0.219
Power Drift [±0.2 dB]	N/A	-0.13



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 7	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.78
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

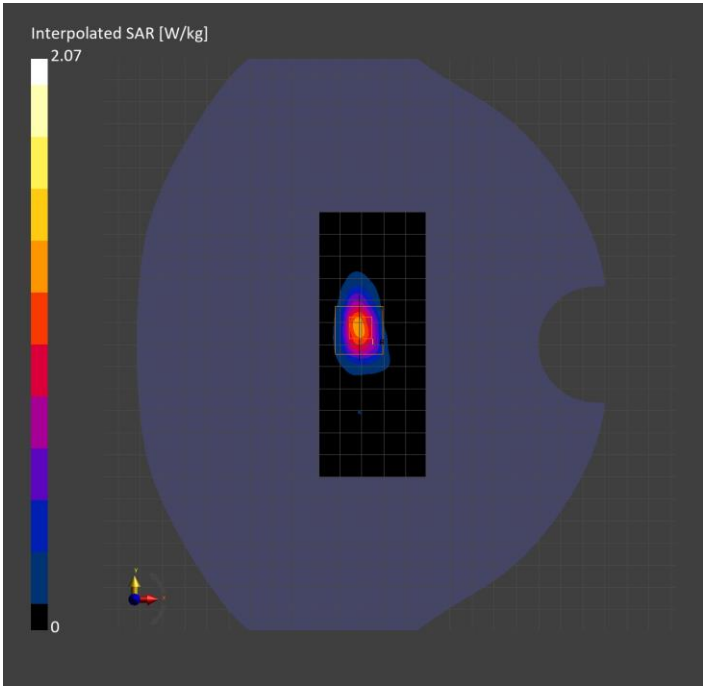
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.07, -30.5, 7.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.947	0.959
psSAR10g [W/Kg]	0.368	0.379
Power Drift [±0.2 dB]	N/A	0.03



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

Exposure Conditions

Band	Band 7	TSL Permittivity	42.1
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.80
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.84	Test Distance [mm]	0.00

Hardware Setup

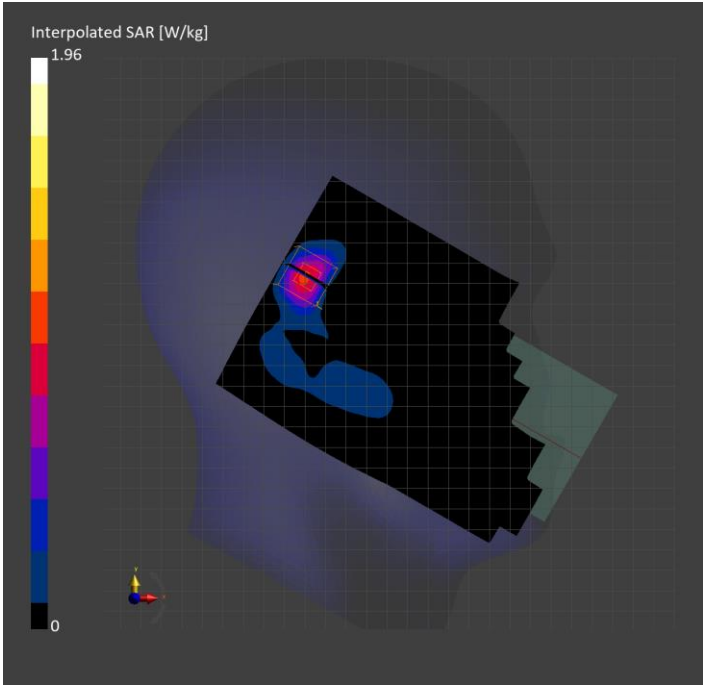
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		80.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.96, 0.6, 323.3, -167.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.767	0.883
psSAR10g [W/Kg]	0.338	0.354
Power Drift [±0.2 dB]	N/A	0.00



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

Exposure Conditions

Band	Band 7	TSL Permittivity	36.1
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.94
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

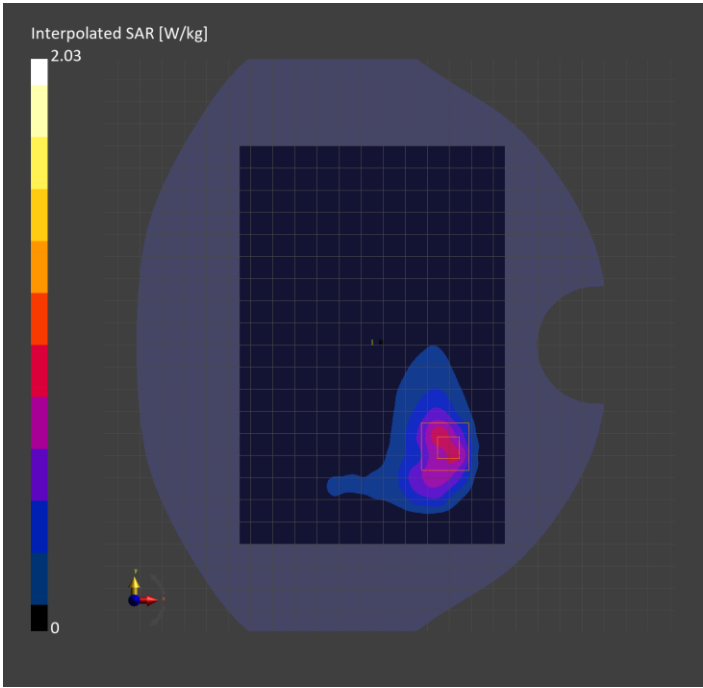
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DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		77.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.03, 9.5, -46.5, -206.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.734	0.860
psSAR10g [W/Kg]	0.379	0.368
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	42.6
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.832
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

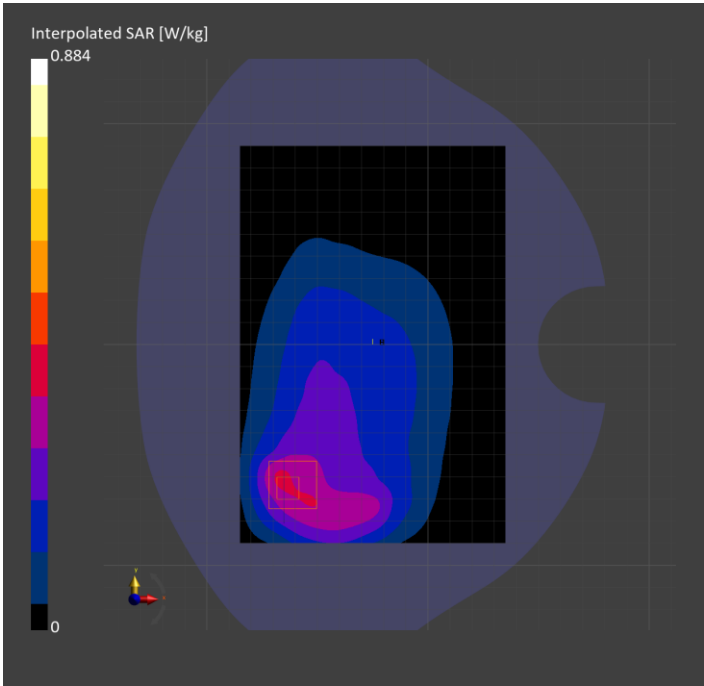
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		71.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.884, -63.3, -65.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.333	0.394
psSAR10g [W/Kg]	0.228	0.219
Power Drift [±0.2 dB]	N/A	-0.07



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.832
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

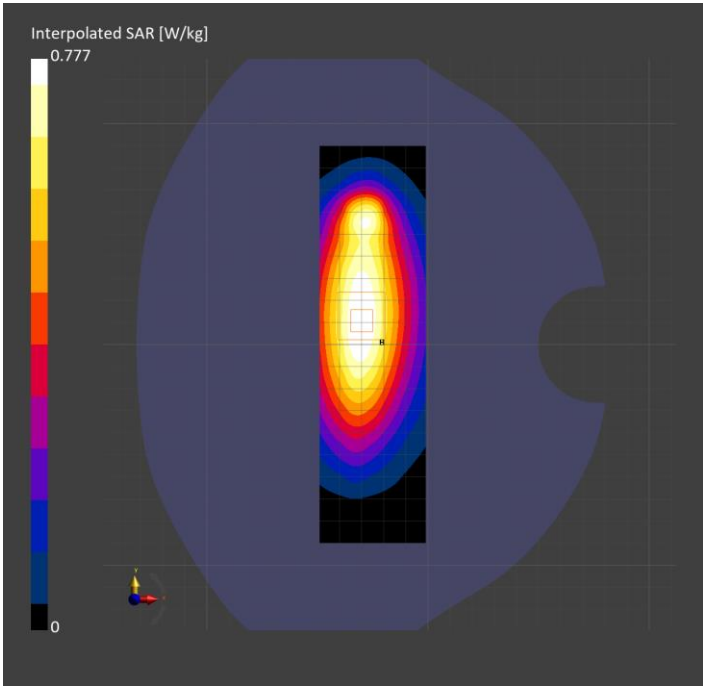
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.777, -30.0, 10.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.455	0.480
psSAR10g [W/Kg]	0.308	0.319
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 12	TSL Permittivity	40.1
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.838
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

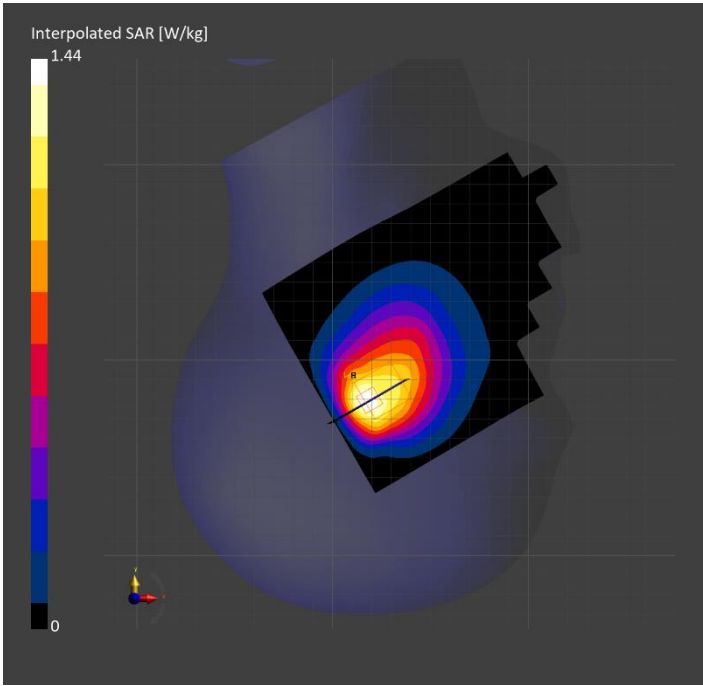
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	45.9 x 45.9 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		72.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.44, 18.4, -320.6, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.623	0.646
psSAR10g [W/Kg]	0.405	0.409
Power Drift [±0.2 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	41.9
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.863
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

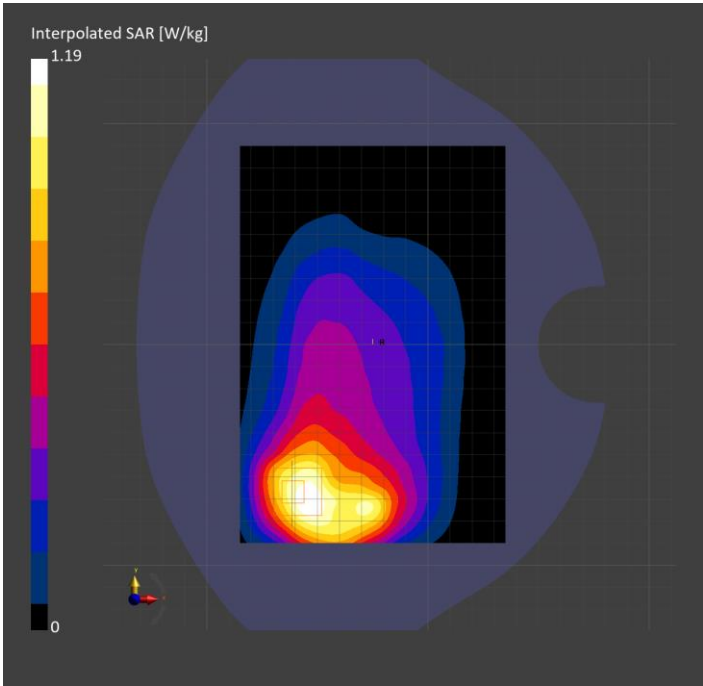
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		72.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.19, -61.0, -66.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.459	0.537
psSAR10g [W/Kg]	0.305	0.287
Power Drift [±0.2 dB]	N/A	-0.18



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 13	TSL Permittivity	41.9
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.863
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

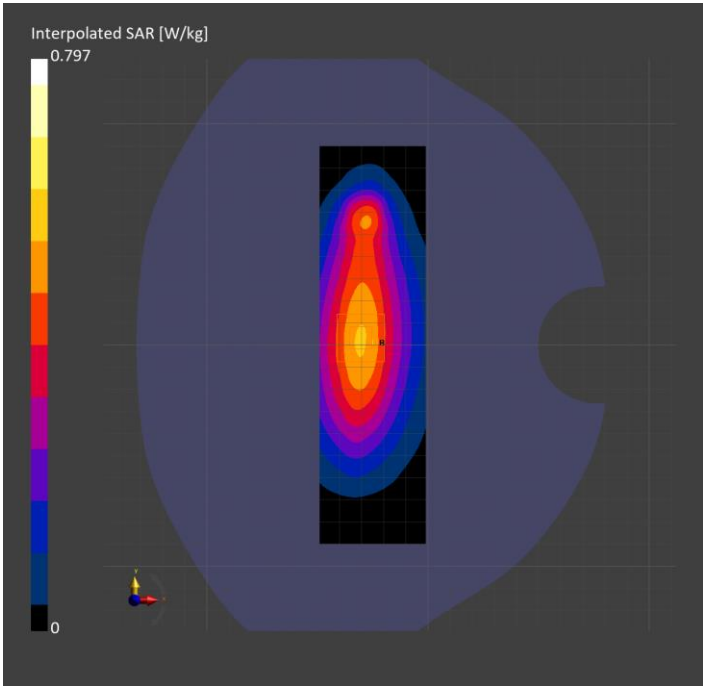
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.797, -30.4, 3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.470	0.490
psSAR10g [W/Kg]	0.314	0.323
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 13	TSL Permittivity	39.8
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.862
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

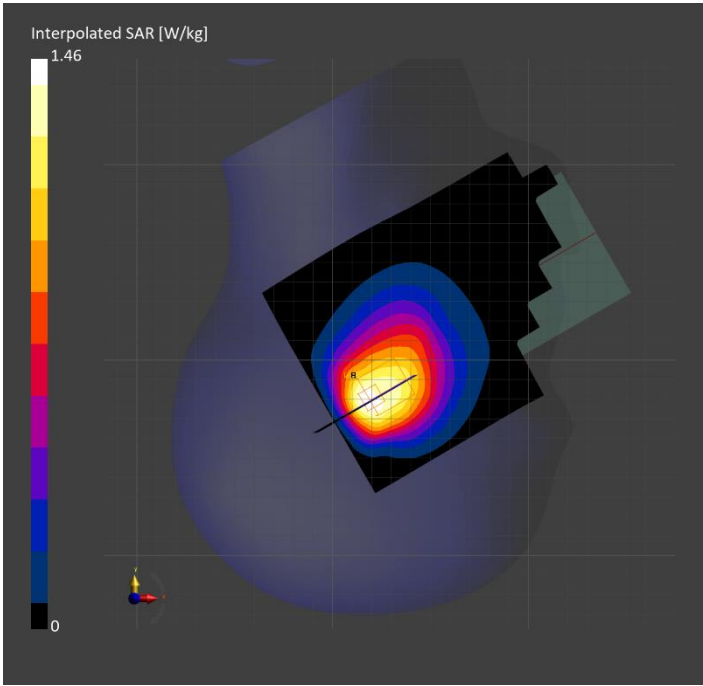
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	59.0 x 59.0 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%]		75.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.46, 19.5, -319.3, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.706	0.719
psSAR10g [W/Kg]	0.471	0.481
Power Drift [±0.2 dB]	N/A	-0.08



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	41.9
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.865
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

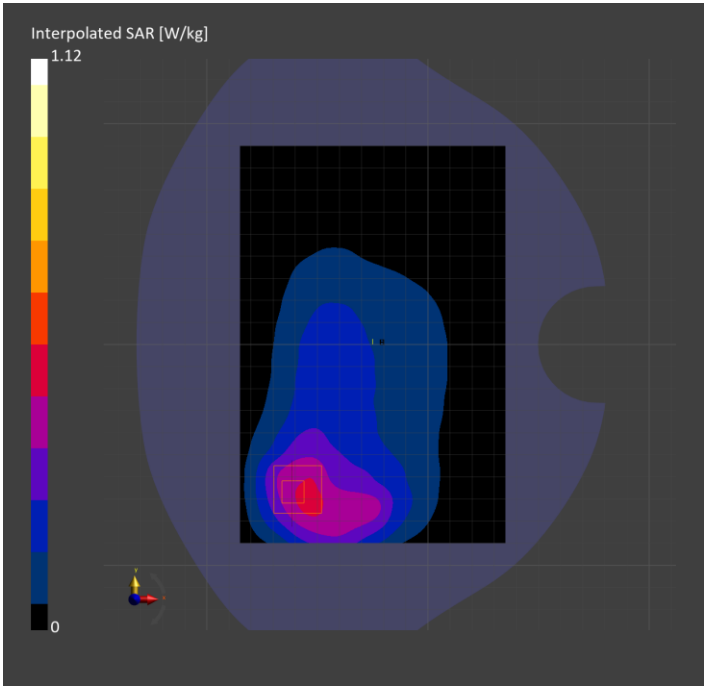
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		77.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.13, -61.0, -66.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.435	0.516
psSAR10g [W/Kg]	0.291	0.277
Power Drift [±0.2 dB]	N/A	-0.10



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 14	TSL Permittivity	41.9
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.865
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

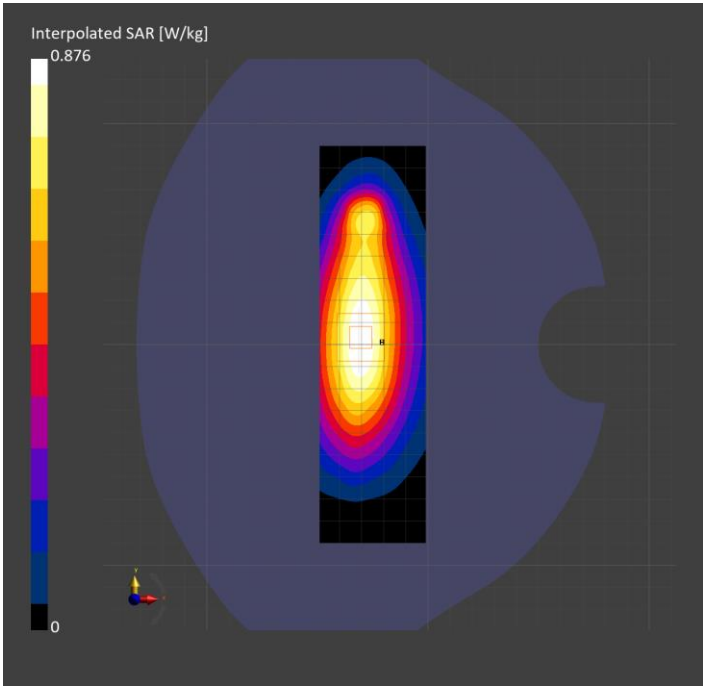
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.876, -30.4, 3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.524	0.550
psSAR10g [W/Kg]	0.349	0.362
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 14	TSL Permittivity	39.8
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.866
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

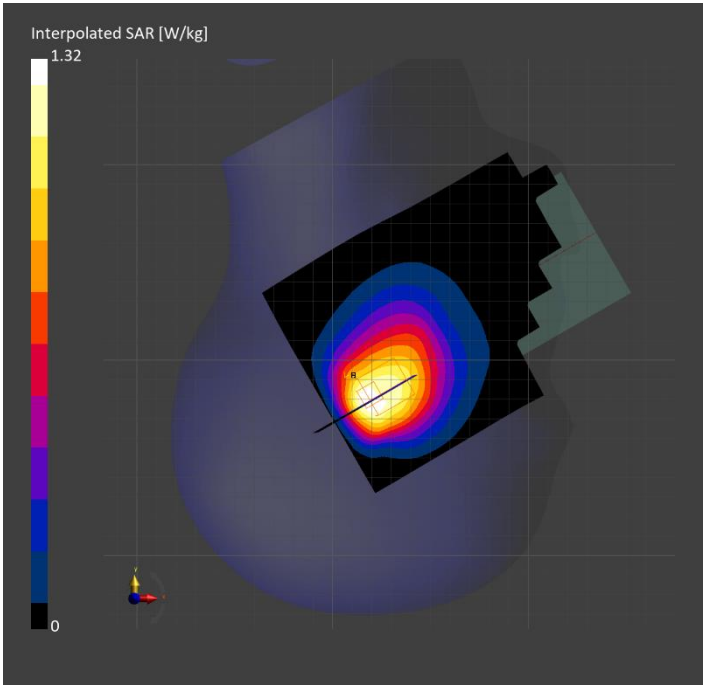
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	59.0 x 59.0 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%]		76.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.32, 18.7, -317.9, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.660	0.668
psSAR10g [W/Kg]	0.441	0.449
Power Drift [±0.2 dB]	N/A	-0.05



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 25	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.38
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	7.81	Test Distance [mm]	0.00

Hardware Setup

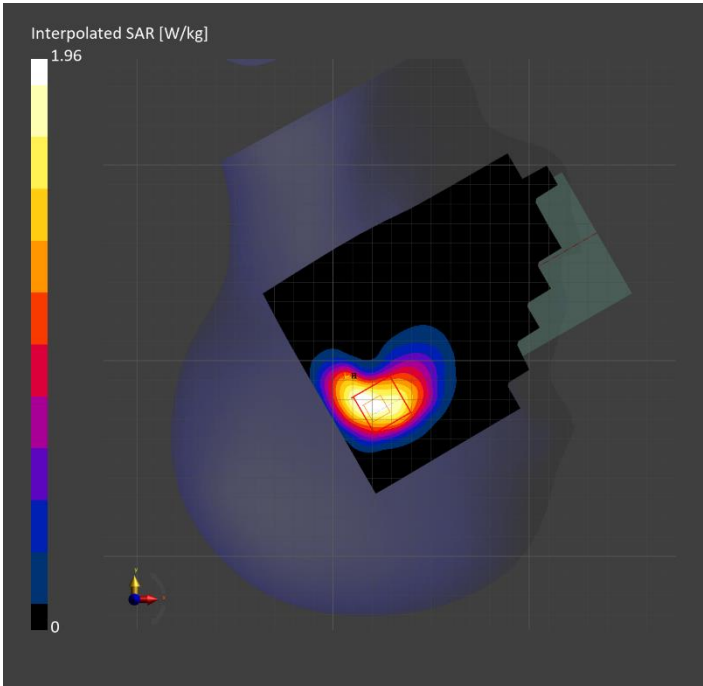
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		80.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.96, 22.0, -324.7, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.990	0.972
psSAR10g [W/Kg]	0.561	0.545
Power Drift [±0.2 dB]	N/A	-0.04



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

Exposure Conditions

Band	Band 25	TSL Permittivity	42.1
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.33
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

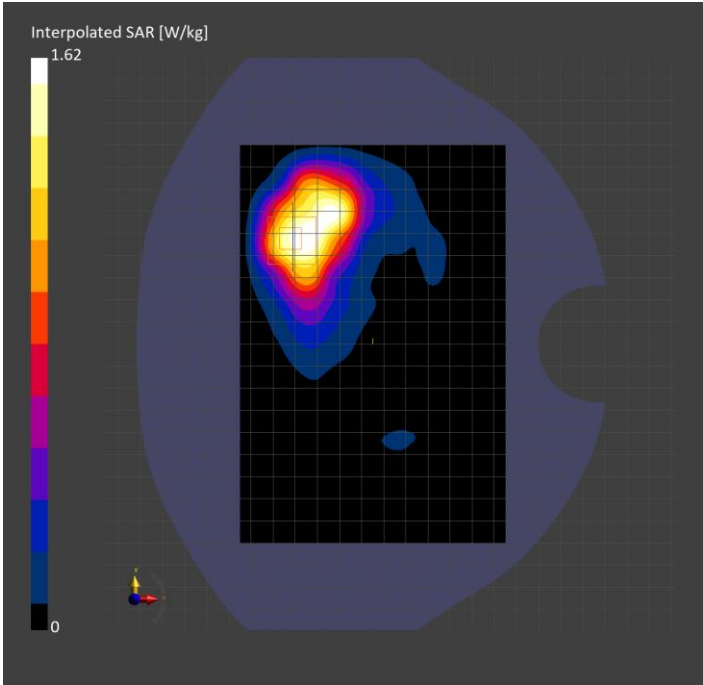
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		81.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.62, -62.3, 47.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.590	0.804
psSAR10g [W/Kg]	0.351	0.384
Power Drift [±0.2 dB]	N/A	0.00



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 25	TSL Permittivity	43.7
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.32
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

Hardware Setup

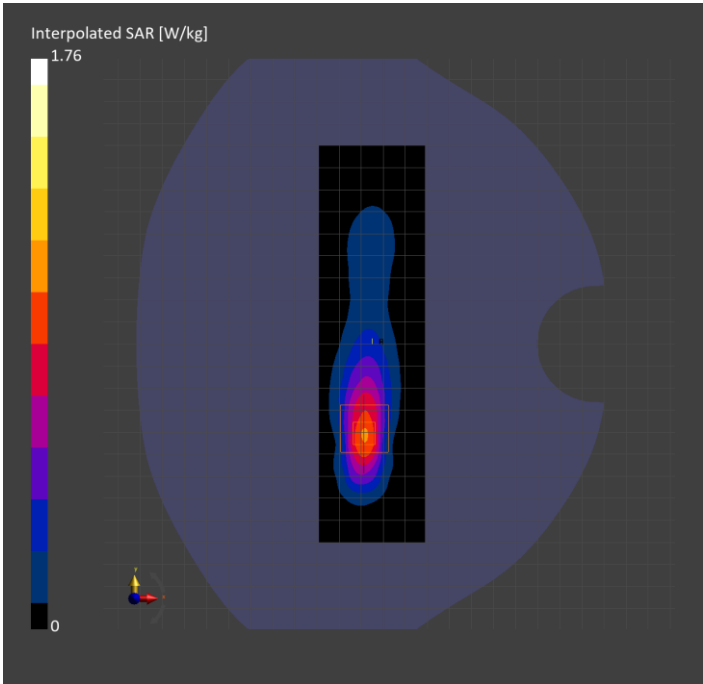
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [> 30%]		81.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, -28.6, -40.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.822	0.873
psSAR10g [W/Kg]	0.396	0.412
Power Drift [±0.2 dB]	N/A	0.01



Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 26	TSL Permittivity	42.5
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.874
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.59	Test Distance [mm]	5.00

Hardware Setup

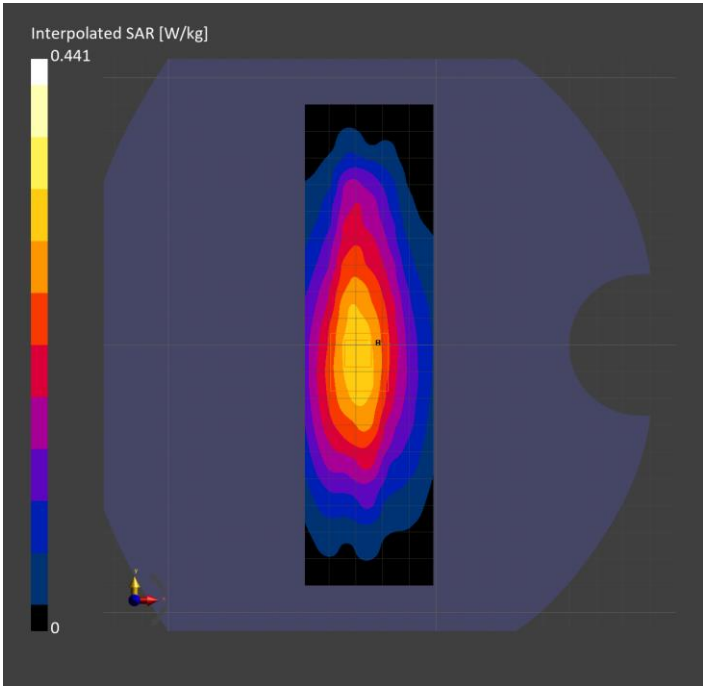
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		90.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		18.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.441, -29.2, -3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.280	0.293
psSAR10g [W/Kg]	0.184	0.198
Power Drift [±0.2 dB]	N/A	-0.16



Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 26	TSL Permittivity	41.9
Frequency [MHz] Channel Number	819.000 26740	TSL Conductivity [S/m]	0.862
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	9.16	Test Distance [mm]	0.00

Hardware Setup

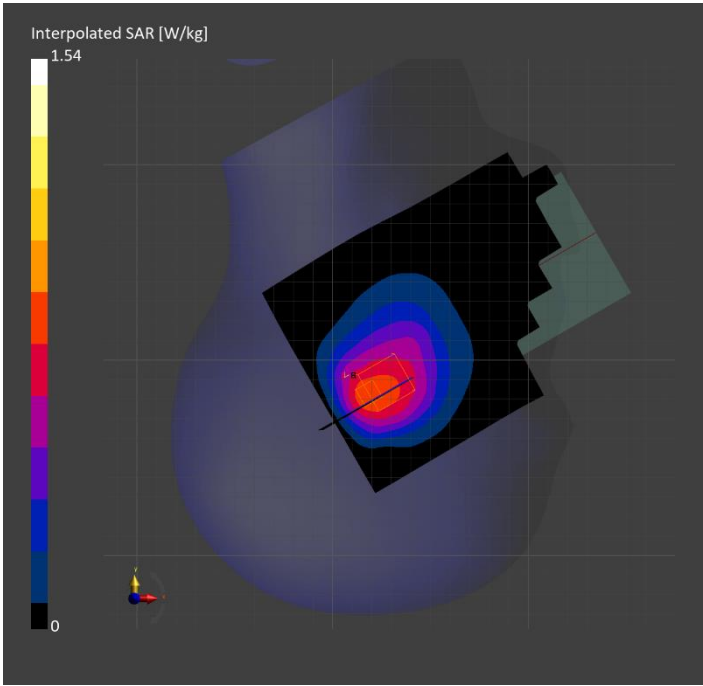
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	54.0 x 54.0 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%]		70.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.54, 18.1, -317.0, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.742	0.771
psSAR10g [W/Kg]	0.502	0.524
Power Drift [±0.2 dB]	N/A	-0.10



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 26	TSL Permittivity	44.3
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.873
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

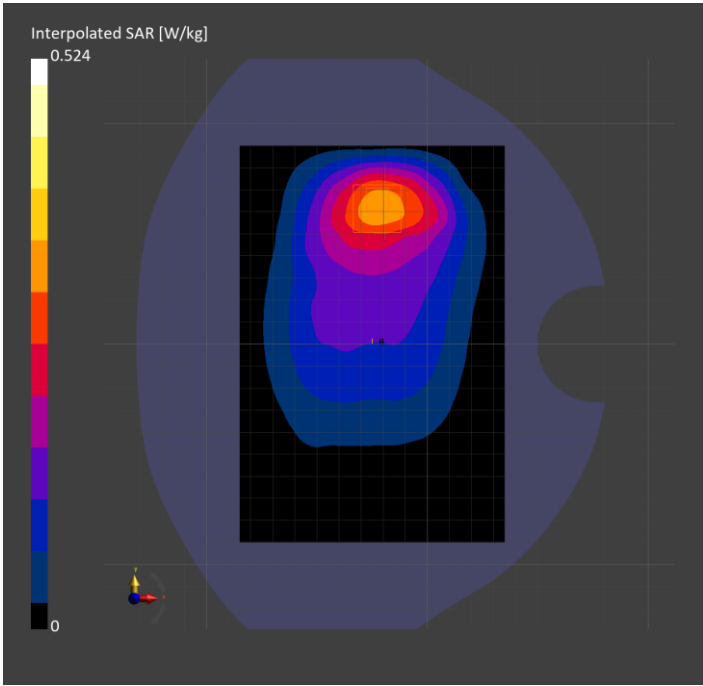
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		87.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.524, -22.5, 65.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.295	0.318
psSAR10g [W/Kg]	0.197	0.204
Power Drift [±0.2 dB]	N/A	-0.03



Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 30	TSL Permittivity	42.5
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.67
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	5.00

Hardware Setup

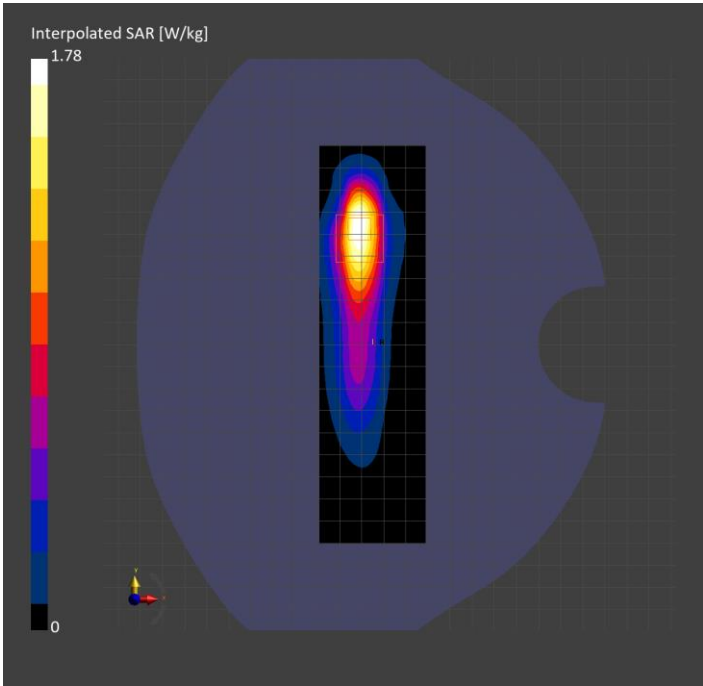
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 40.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.78, -31.0, 52.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.885	0.871
psSAR10g [W/Kg]	0.420	0.426
Power Drift [±0.2 dB]	N/A	-0.02



Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 30	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.64
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.14	Test Distance [mm]	0.00

Hardware Setup

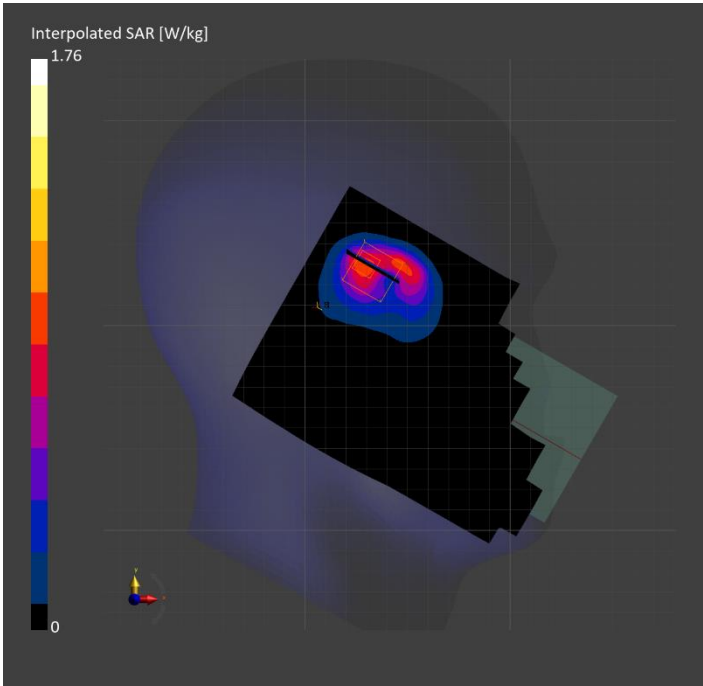
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		78.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.76, 29.7, 330.3, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.748	0.808
psSAR10g [W/Kg]	0.378	0.394
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 30	TSL Permittivity	37.4
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.64
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.14	Test Distance [mm]	5.00

Hardware Setup

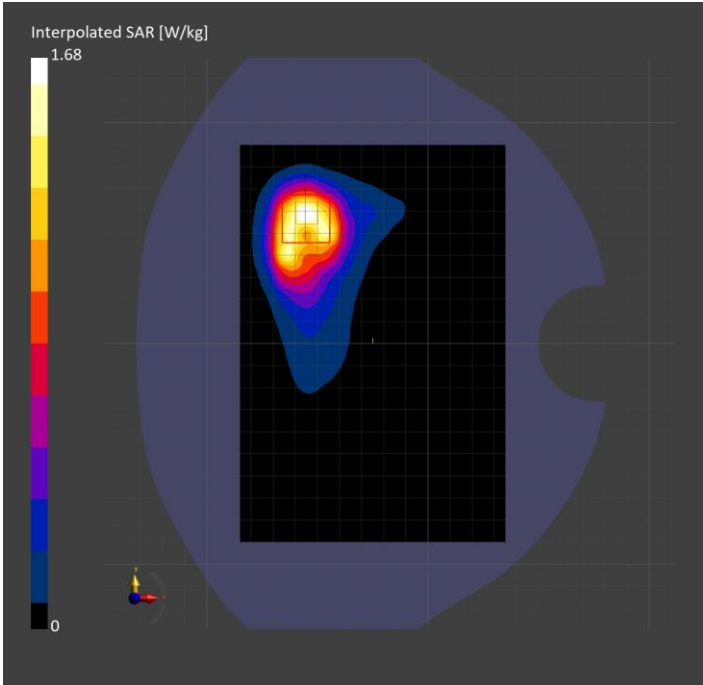
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		78.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.68, -55.2, 56.4, -196.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.794	0.805
psSAR10g [W/Kg]	0.436	0.402
Power Drift [±0.2 dB]	N/A	-0.00



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

Exposure Conditions

Band	Band 41	TSL Permittivity	37.3
Frequency [MHz] Channel Number	2506.000 39750	TSL Conductivity [S/m]	1.83
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.28	Test Distance [mm]	5.00

Hardware Setup

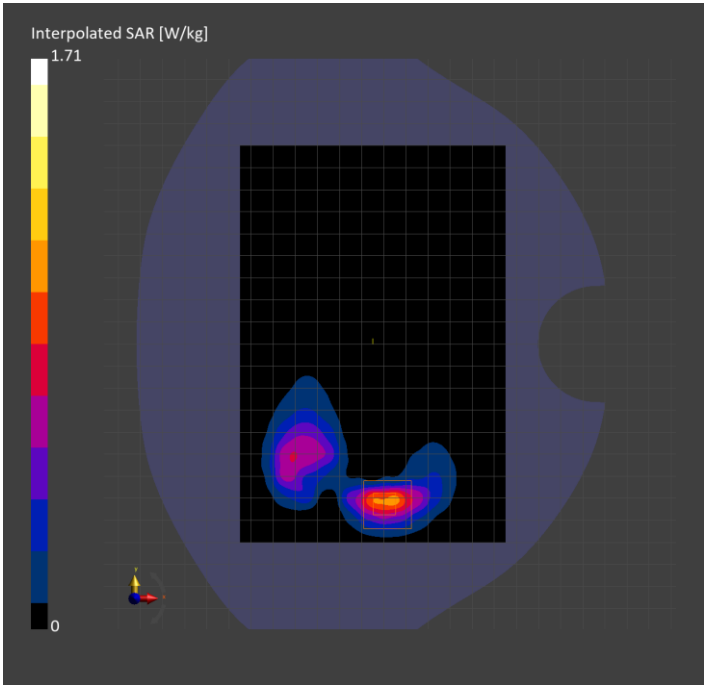
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		80.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.71, -19.6, -72.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.781	0.791
psSAR10g [W/Kg]	0.327	0.333
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, TILT

Exposure Conditions

Band	Band 41	TSL Permittivity	37.1
Frequency [MHz] Channel Number	2549.500 40185	TSL Conductivity [S/m]	1.81
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.28	Test Distance [mm]	0.00

Hardware Setup

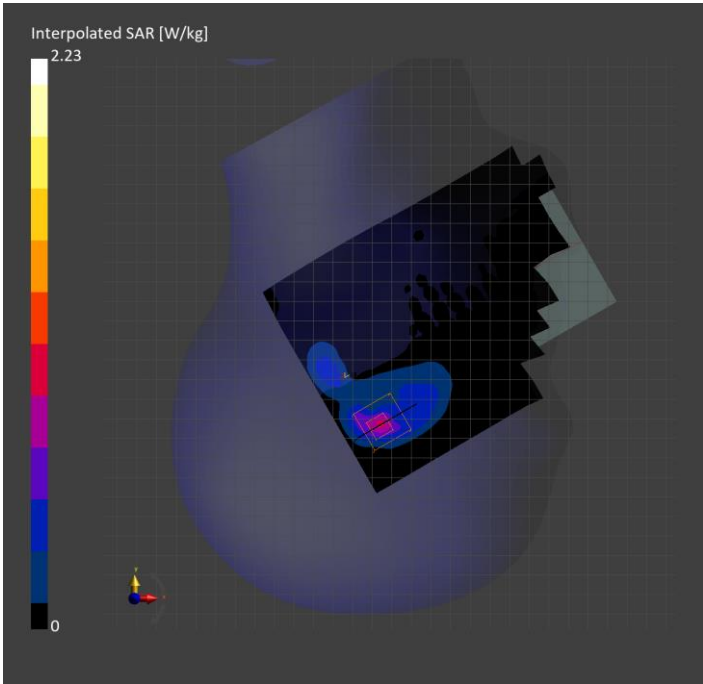
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DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.9 x 36.9 x 33.4
Grid Steps [mm]	10.0 x 10.0	4.1 x 4.1 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.23, 23.6, -334.2, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.649	0.832
psSAR10g [W/Kg]	0.277	0.331
Power Drift [±0.2 dB]	N/A	0.04



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

AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band 41	TSL Permittivity	40.9
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.91
Group UID	LTE-TDD 10512-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.97	Test Distance [mm]	5.00

Hardware Setup

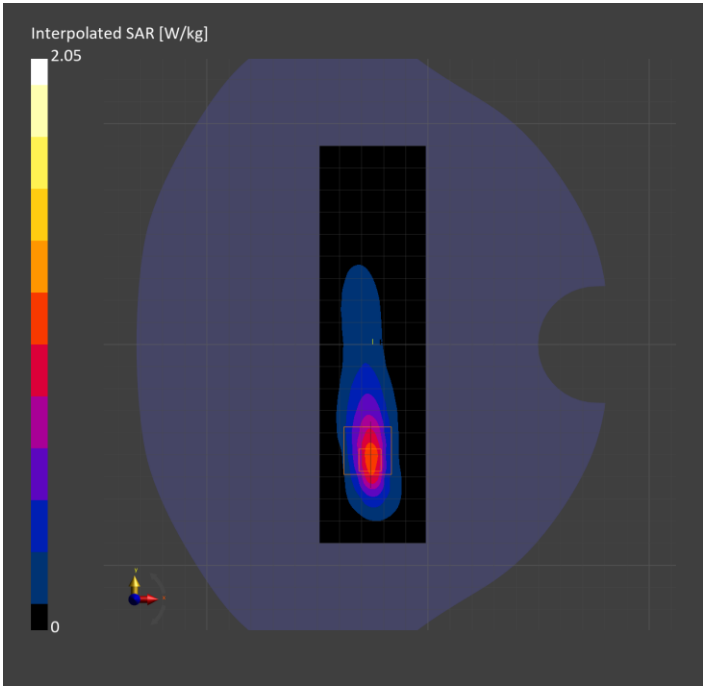
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.05, -26.2, -52.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.828	0.882
psSAR10g [W/Kg]	0.346	0.371
Power Drift [±0.2 dB]	N/A	0.03



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

RBPosition:High AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 48	TSL Permittivity	37.1
Frequency [MHz] Channel Number	3603.300 55773	TSL Conductivity [S/m]	2.80
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	5.73	Test Distance [mm]	5.00

Hardware Setup

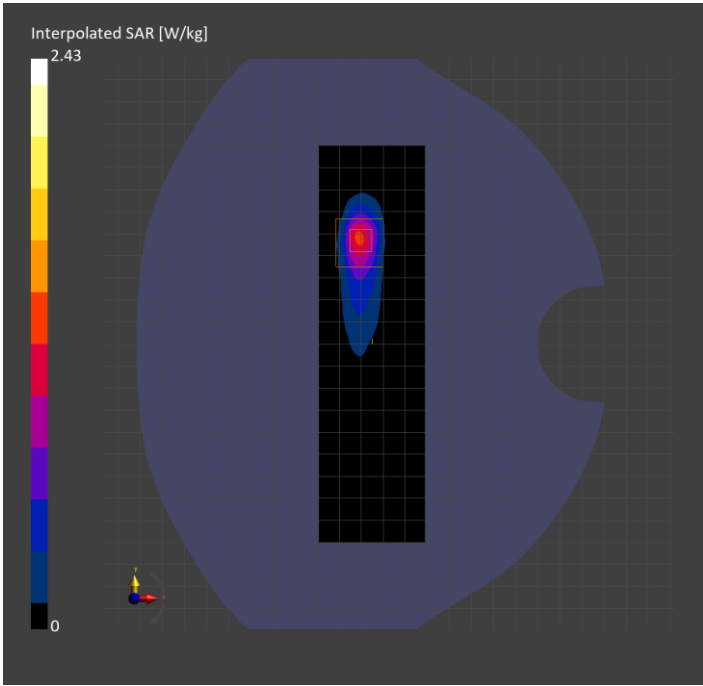
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DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.43, -30.2, 47.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.870	0.842
psSAR10g [W/Kg]	0.304	0.287
Power Drift [±0.2 dB]	N/A	0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 48	TSL Permittivity	35.5
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.83
Group UID	LTE-TDD 10512-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	5.73	Test Distance [mm]	0.00

Hardware Setup

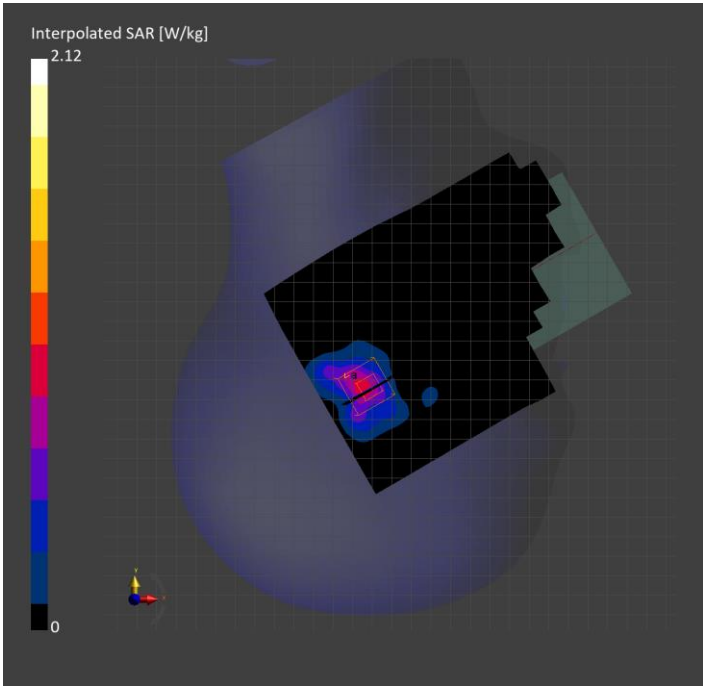
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.5 x 31.5 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.5 x 4.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.12, 18.2, -313.5, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.715	0.842
psSAR10g [W/Kg]	0.299	0.315
Power Drift [±0.2 dB]	N/A	-0.00



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

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 48	TSL Permittivity	38.6
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.75
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	5.88	Test Distance [mm]	5.00

Hardware Setup

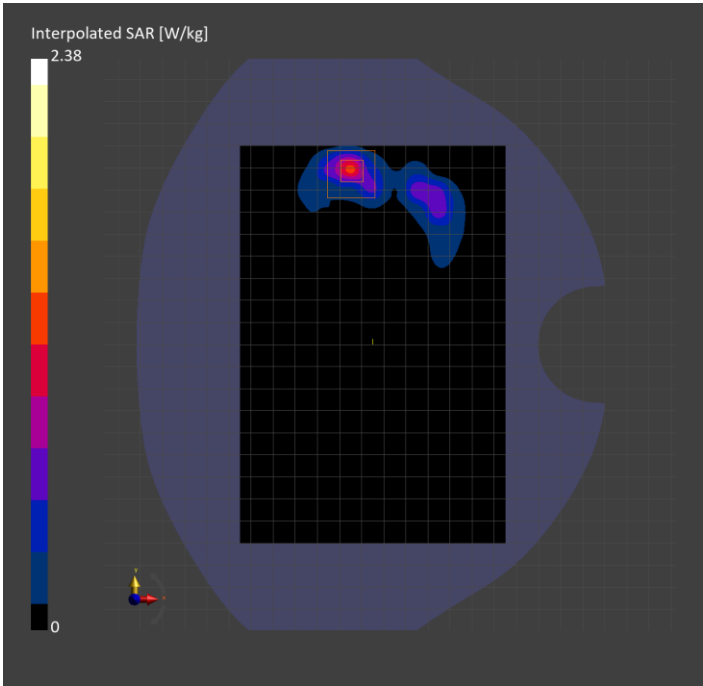
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.5 x 31.5 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.5 x 4.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.37, -34.3, 78.6, -203.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.777	0.829
psSAR10g [W/Kg]	0.269	0.272
Power Drift [±0.2 dB]	N/A	-0.01



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

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 53	TSL Permittivity	40.6
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.83
Group UID	LTE-TDD 10488-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.39	Test Distance [mm]	5.00

Hardware Setup

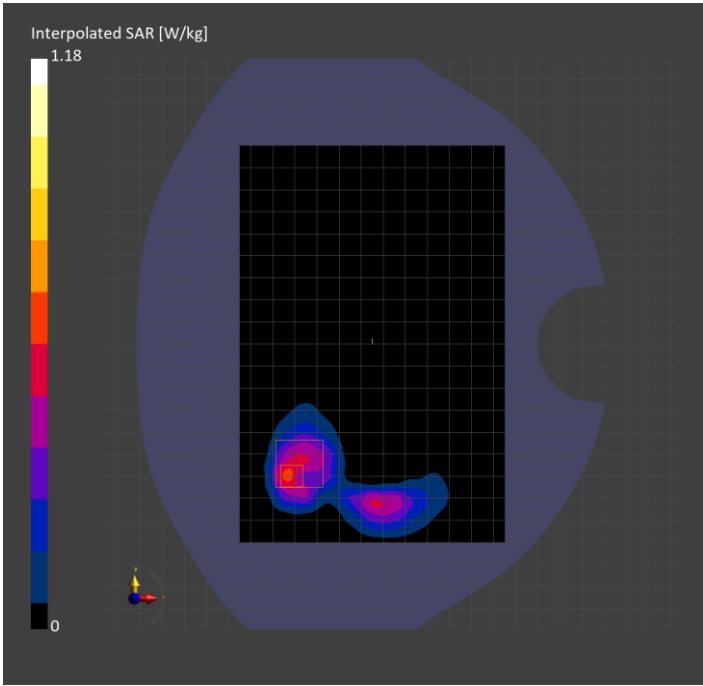
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.18, -61.4, -59.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.449	0.481
psSAR10g [W/Kg]	0.225	0.205
Power Drift [±0.2 dB]	N/A	-0.14



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

RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 53	TSL Permittivity	42.5
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.77
Group UID	LTE-TDD 10488-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.15	Test Distance [mm]	5.00

Hardware Setup

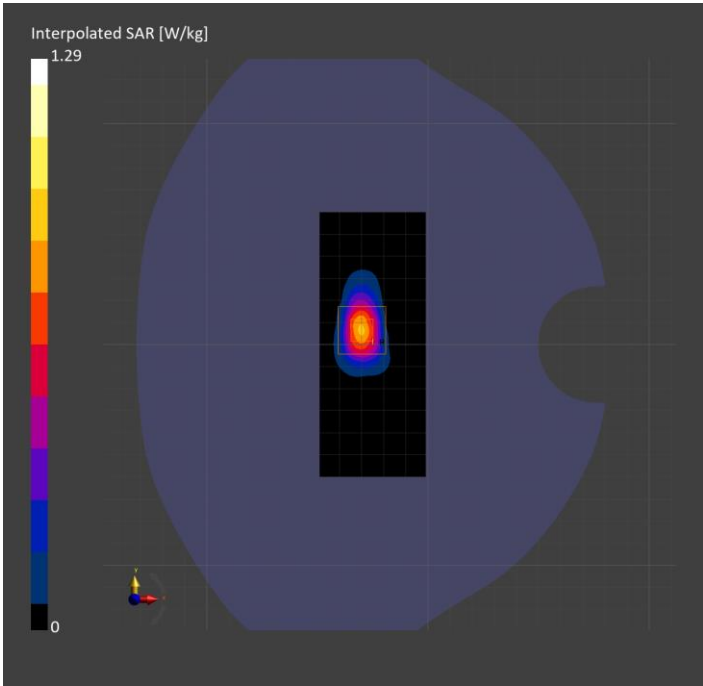
Probe Calibration Date	EX3DV4 - SN7448 2025-02-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.29, -29.9, 6.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.639	0.594
psSAR10g [W/Kg]	0.253	0.239
Power Drift [±0.2 dB]	N/A	-0.04



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

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 53	TSL Permittivity	42.5
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.77
Group UID	LTE-TDD 10410-AAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.15	Test Distance [mm]	0.00

Hardware Setup

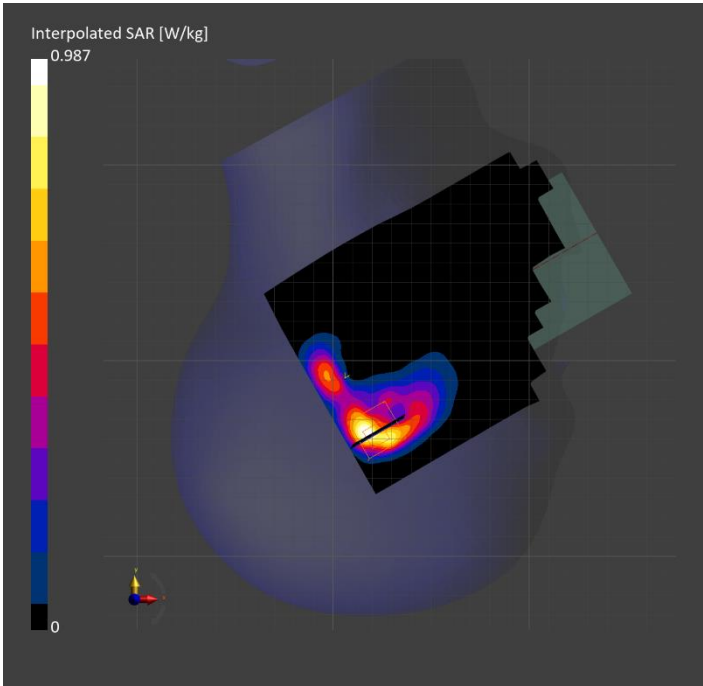
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DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.987, 21.9, -338.4, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.308	0.388
psSAR10g [W/Kg]	0.141	0.155
Power Drift [±0.2 dB]	N/A	0.09



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 66	TSL Permittivity	39.9
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.27
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

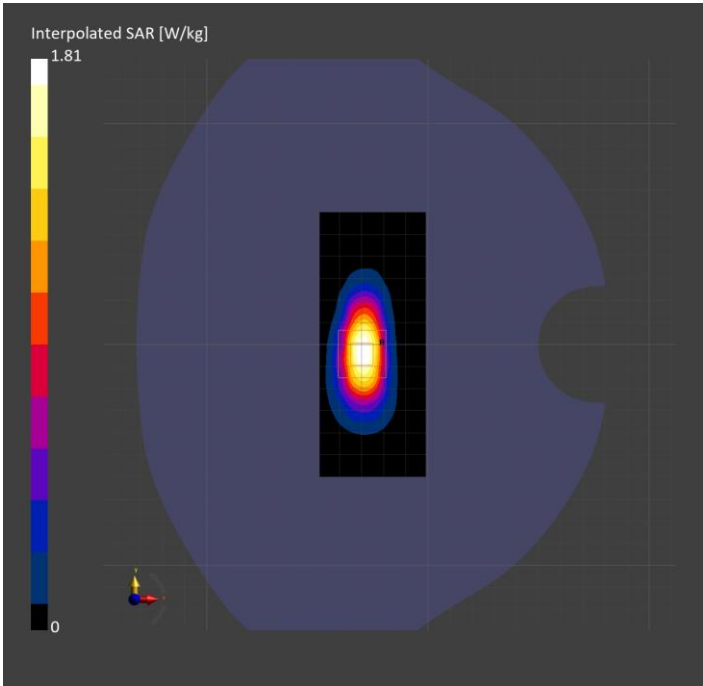
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.81, -29.8, -4.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.893	0.948
psSAR10g [W/Kg]	0.437	0.469
Power Drift [±0.2 dB]	N/A	-0.02



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 66	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.40
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.15	Test Distance [mm]	5.00

Hardware Setup

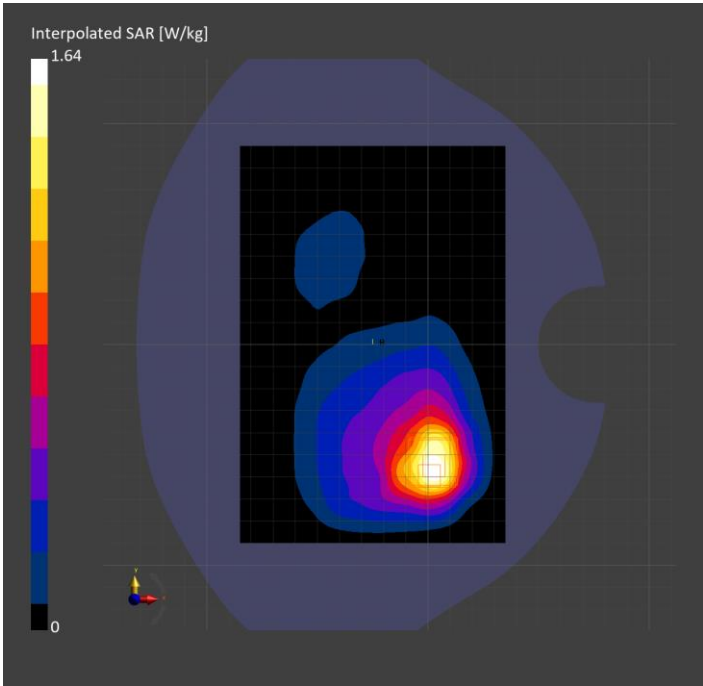
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DAE Calibration Date	DAE4ip Sn1892 2025-03-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		79.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.64, 0.6, -59.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.832	0.808
psSAR10g [W/Kg]	0.465	0.454
Power Drift [±0.2 dB]	0.02	-0.03



Exposure Conditions

Band	Band 66	TSL Permittivity	43.7
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.25
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.6	Test Distance [mm]	0.00

Hardware Setup

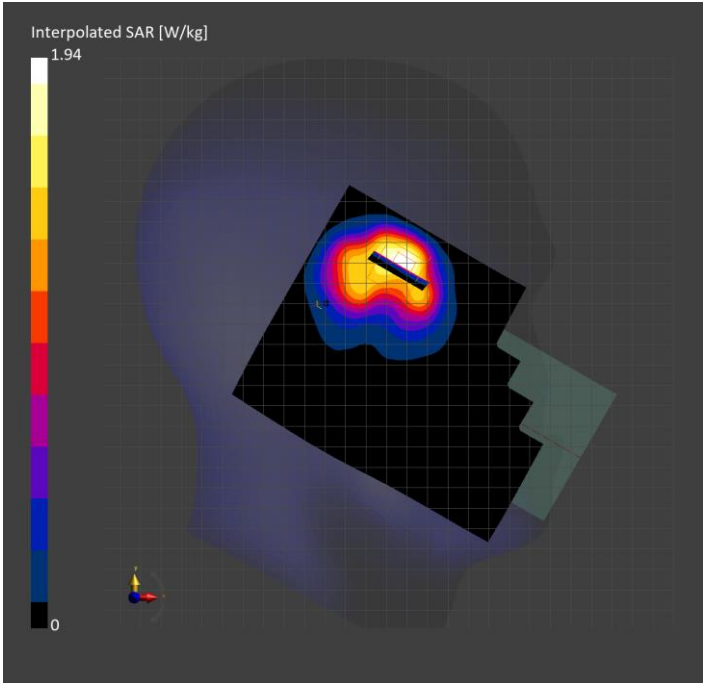
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 33.4
Grid Steps [mm]	15.0 x 15.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		79.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.94, 48.1, 329.0, -169.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	0.865
psSAR10g [W/Kg]	0.345	0.410
Power Drift [±0.2 dB]	N/A	-0.07



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 71	TSL Permittivity	43.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.822
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

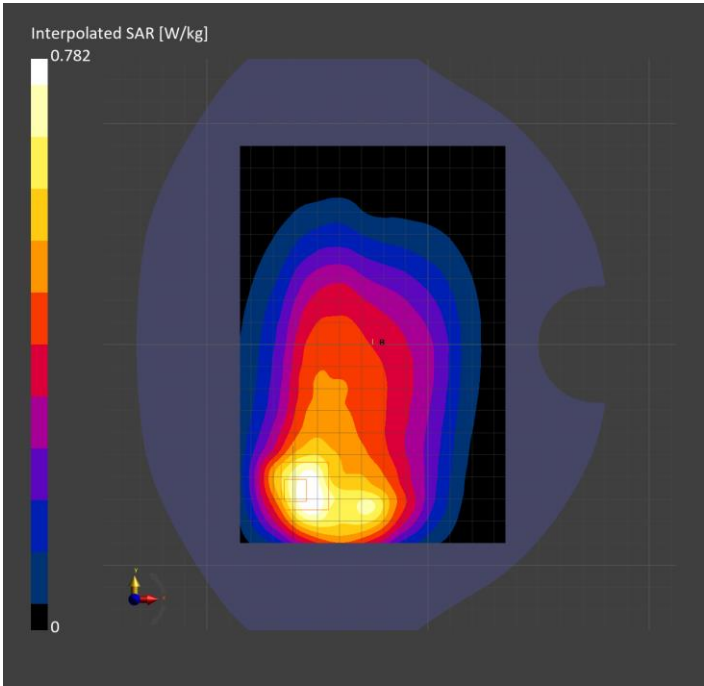
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		70.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.782, -60.0, -66.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.291	0.340
psSAR10g [W/Kg]	0.195	0.189
Power Drift [±0.2 dB]	N/A	-0.06



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 71	TSL Permittivity	43.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.822
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

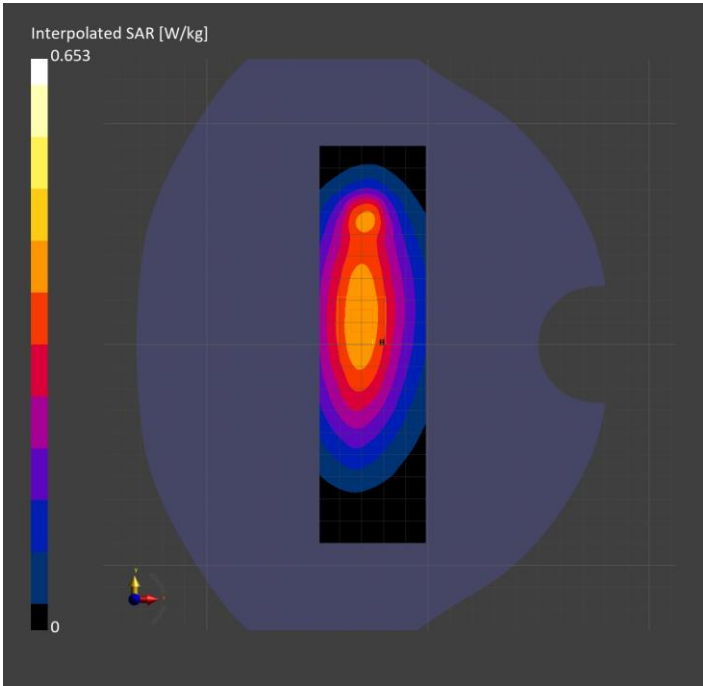
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.653, -30.0, 10.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.380	0.396
psSAR10g [W/Kg]	0.258	0.264
Power Drift [±0.2 dB]	N/A	-0.07



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 71	TSL Permittivity	40.1
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.832
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

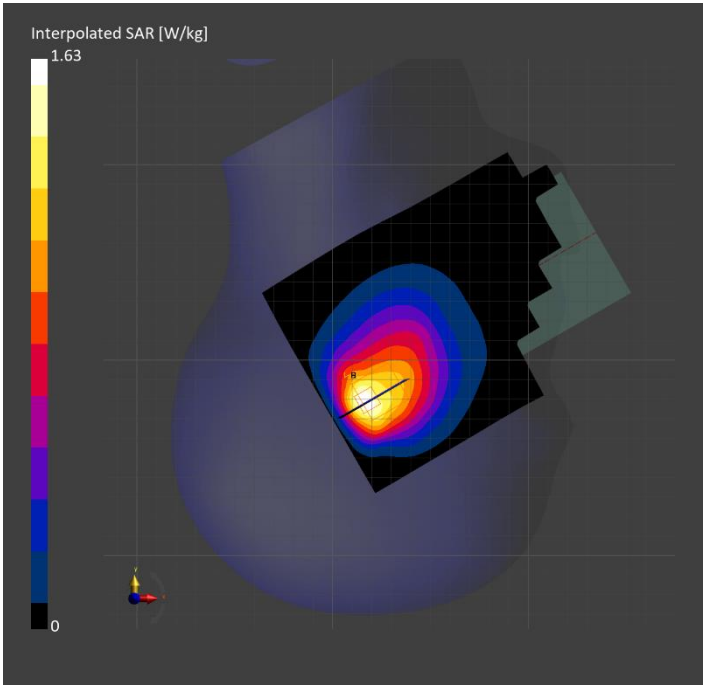
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 40.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		69.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.63, 17.3, -320.6, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.664	0.679
psSAR10g [W/Kg]	0.424	0.416
Power Drift [±0.2 dB]	N/A	-0.09



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n5	TSL Permittivity	44.3
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.876
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

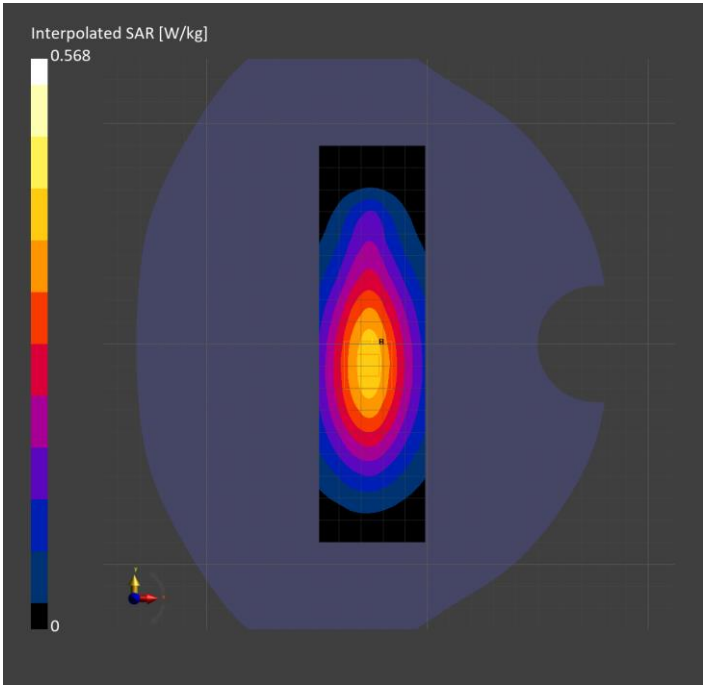
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		87.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.568, -26.8, -9.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.359	0.366
psSAR10g [W/Kg]	0.237	0.243
Power Drift [±0.2 dB]	N/A	-0.09



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	44.3
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.876
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.16	Test Distance [mm]	0.00

Hardware Setup

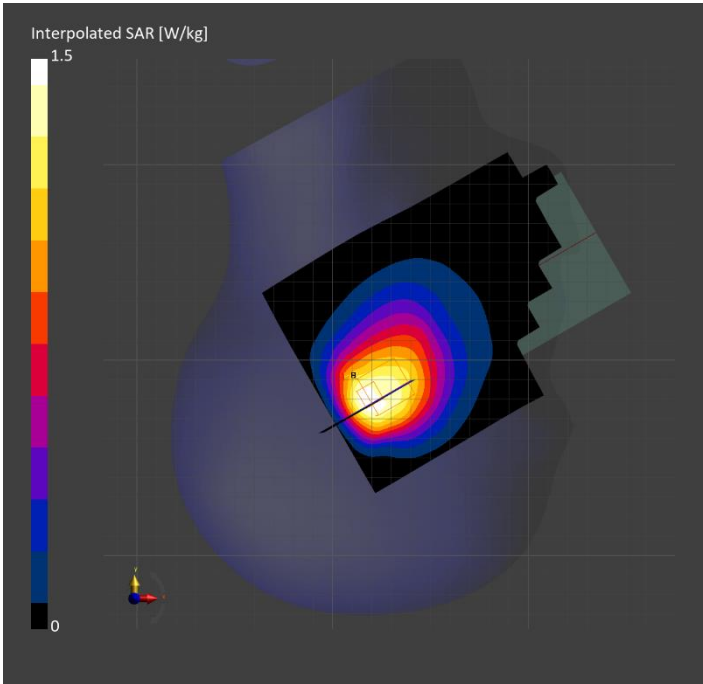
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	54.0 x 54.0 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]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.50, 18.7, -317.9, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.795	0.772
psSAR10g [W/Kg]	0.530	0.521
Power Drift [±0.2 dB]	N/A	-0.02



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n5	TSL Permittivity	44.3
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.876
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.16	Test Distance [mm]	5.00

Hardware Setup

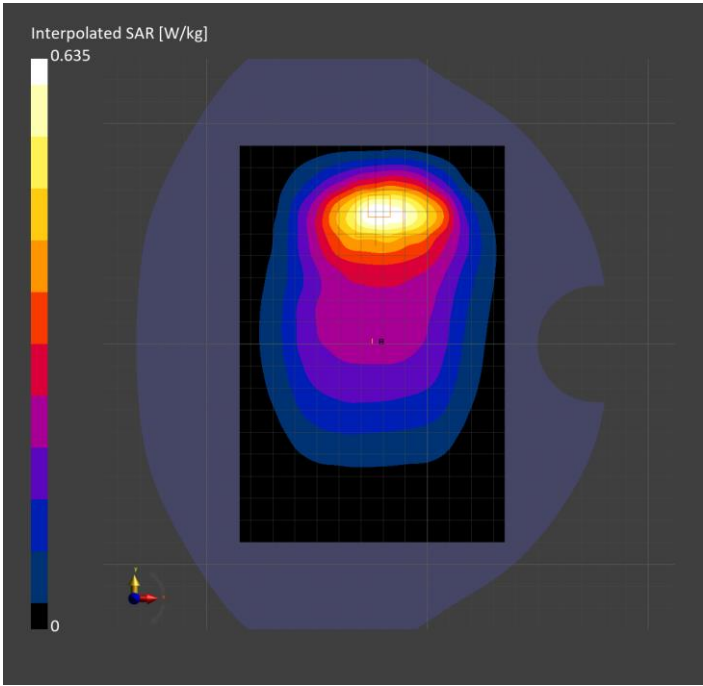
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		89.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.635, -21.8, 62.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.374	0.390
psSAR10g [W/Kg]	0.240	0.246
Power Drift [±0.2 dB]	N/A	0.02



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n7	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.90
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

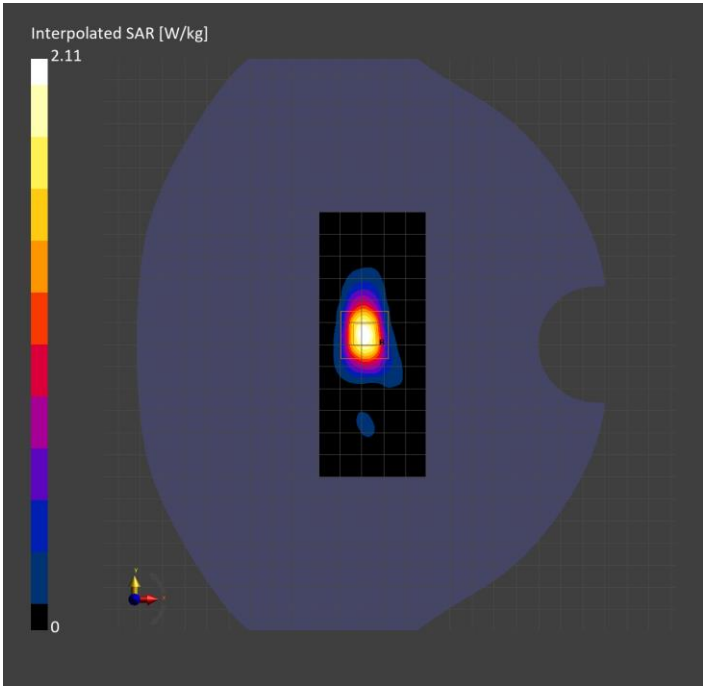
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DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.11, -28.6, 4.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.906	0.975
psSAR10g [W/Kg]	0.364	0.389
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, CHEEK

Exposure Conditions

Band	Band n7	TSL Permittivity	40.8
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	6.84	Test Distance [mm]	0.00

Hardware Setup

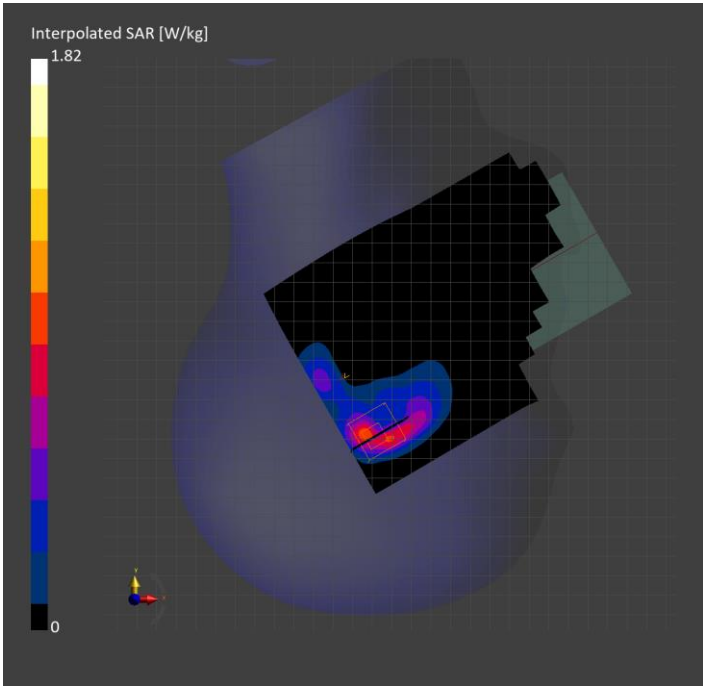
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.6 x 33.6 x 33.4
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.82, 21.1, -338.8, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.707	0.765
psSAR10g [W/Kg]	0.326	0.318
Power Drift [±0.2 dB]	N/A	0.07



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	40.6
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.80
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	6.97	Test Distance [mm]	5.00

Hardware Setup

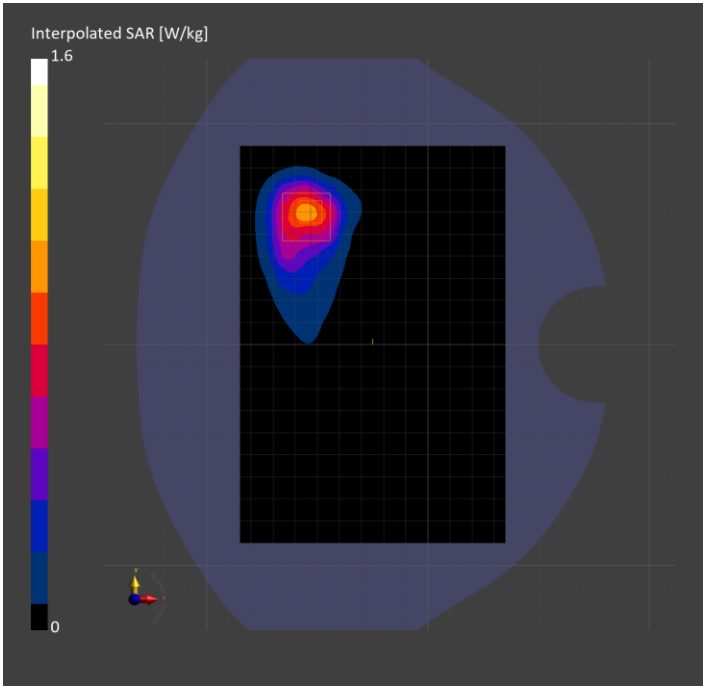
Probe Calibration Date	EX3DV4 - SN3885 2024-11-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1359 2025-01-08	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		80.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.60, -52.9, 60.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.786	0.805
psSAR10g [W/Kg]	0.395	0.391
Power Drift [±0.2 dB]	N/A	0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.832
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

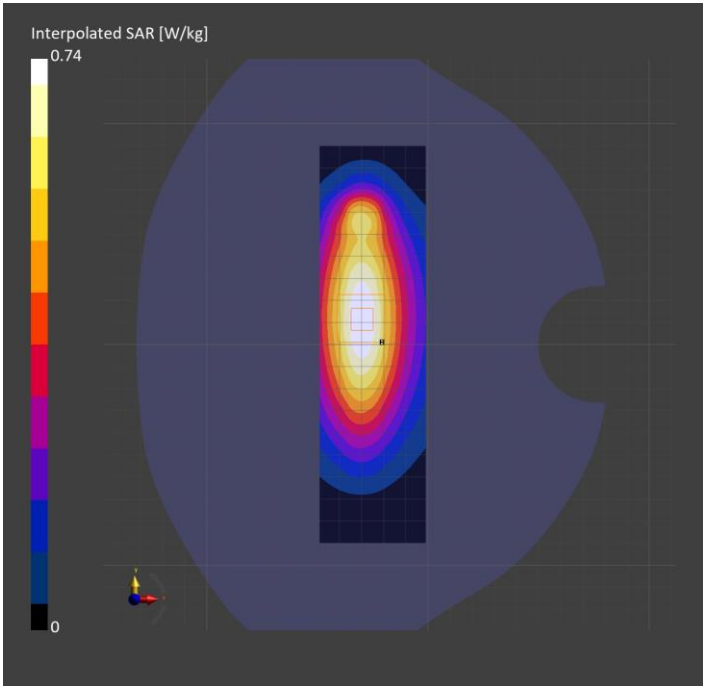
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.740, -29.8, 11.4, -207.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.439	0.449
psSAR10g [W/Kg]	0.295	0.295
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n12	TSL Permittivity	43.5
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.829
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

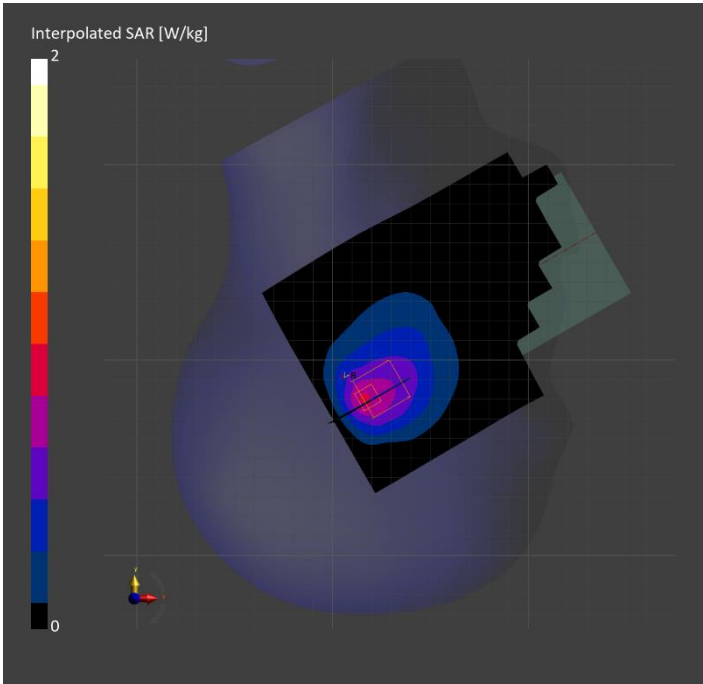
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	45.9 x 45.9 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		67.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.00, 17.6, -319.2, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.708	0.767
psSAR10g [W/Kg]	0.457	0.459
Power Drift [±0.2 dB]	N/A	-0.00



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	43.5
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.829
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

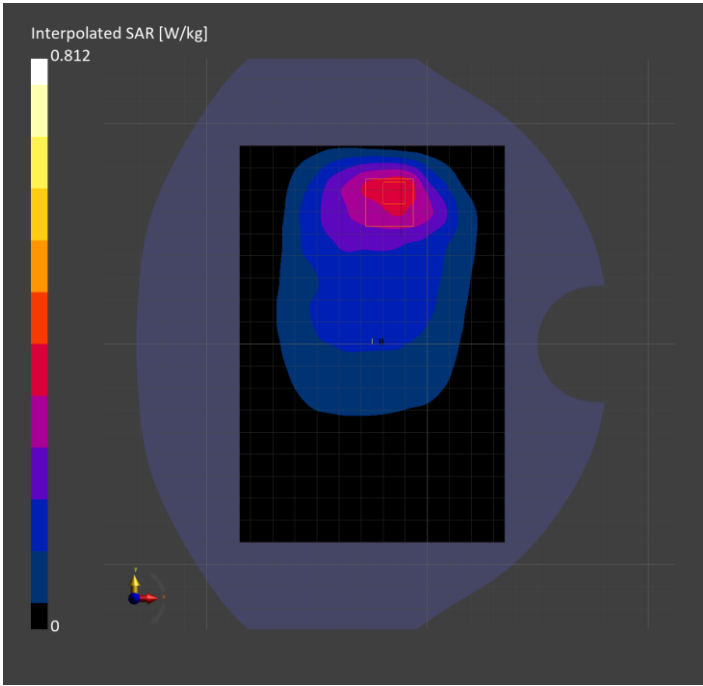
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.0 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%]		73.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.813, -15.1, 68.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.344	0.395
psSAR10g [W/Kg]	0.227	0.228
Power Drift [±0.2 dB]	N/A	-0.19



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	42.9
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.853
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

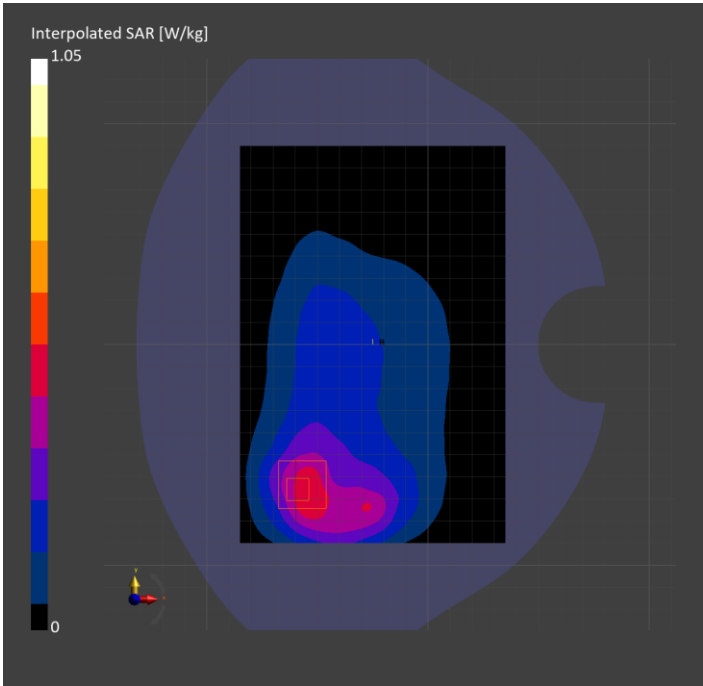
Probe Calibration Date	EX3DV4 - SN7909 2025-02-05	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		75.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.05, -58.9, -65.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.438	0.480
psSAR10g [W/Kg]	0.287	0.263
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n14	TSL Permittivity	41.9
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.865
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.48	Test Distance [mm]	5.00

Hardware Setup

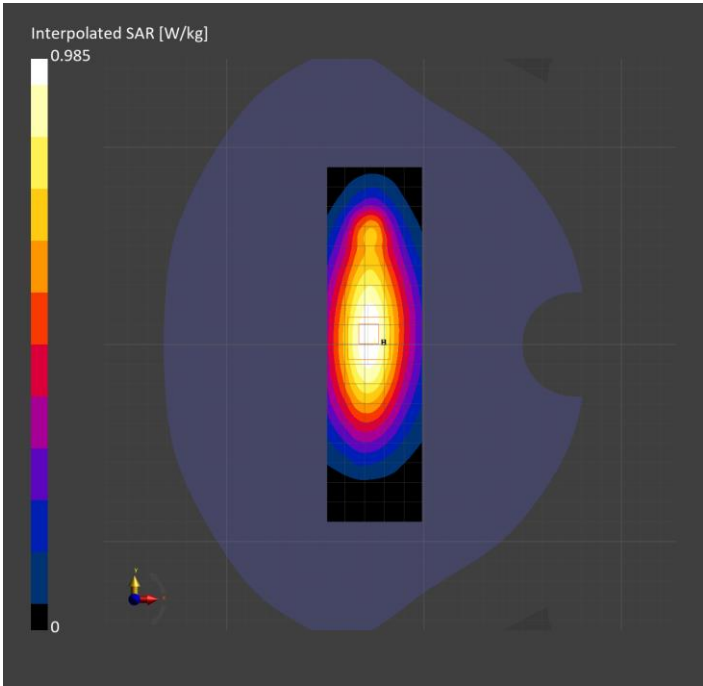
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		18.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.985, -28.0, 5.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.572	0.620
psSAR10g [W/Kg]	0.379	0.404
Power Drift [±0.2 dB]	N/A	0.01



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n14	TSL Permittivity	42.8
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.861
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

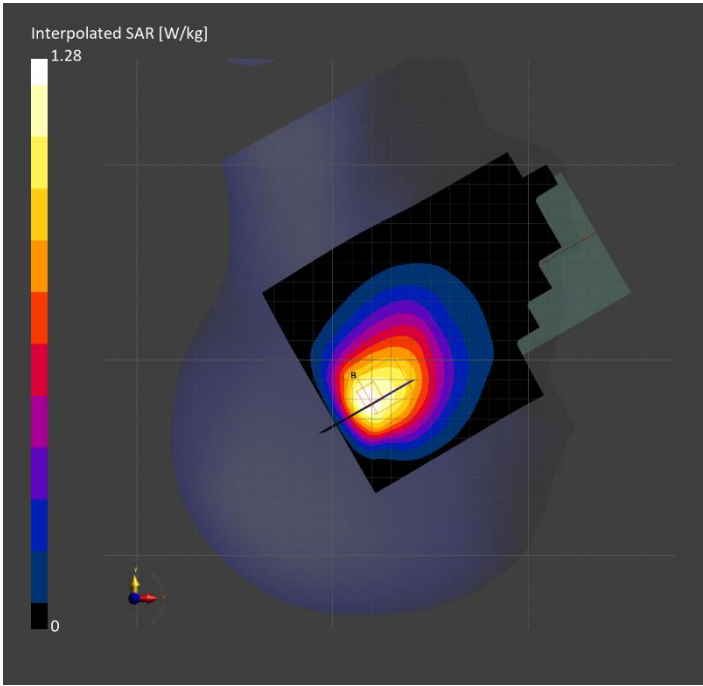
Probe Calibration Date	EX3DV4 - SN7910 2025-02-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	54.0 x 54.0 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%]		70.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.28, 18.7, -317.9, -169.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.625	0.637
psSAR10g [W/Kg]	0.414	0.427
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n25	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.38
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	7.81	Test Distance [mm]	0.00

Hardware Setup

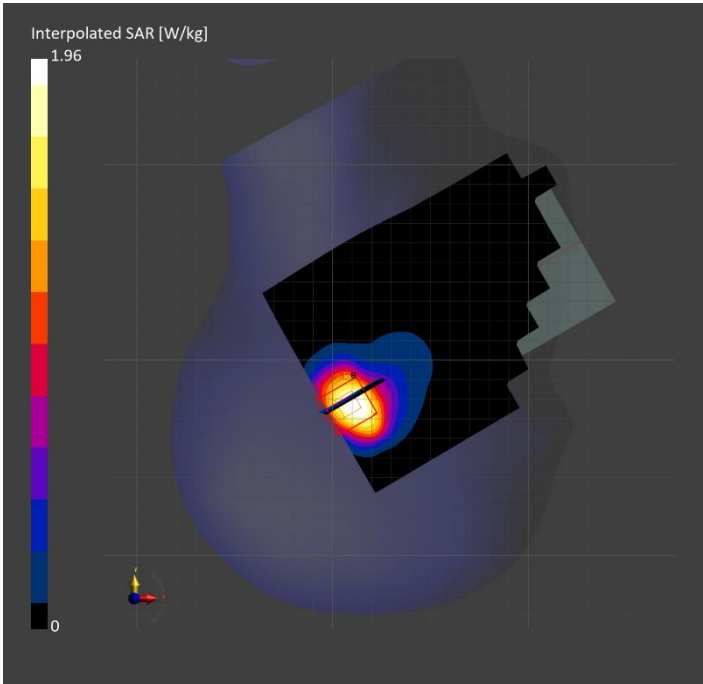
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		79.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.96, 7.3, -322.6, -168.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.816	0.934
psSAR10g [W/Kg]	0.446	0.447
Power Drift [±0.2 dB]	N/A	0.04



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

AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band n25	TSL Permittivity	41.0
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.38
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.81	Test Distance [mm]	5.00

Hardware Setup

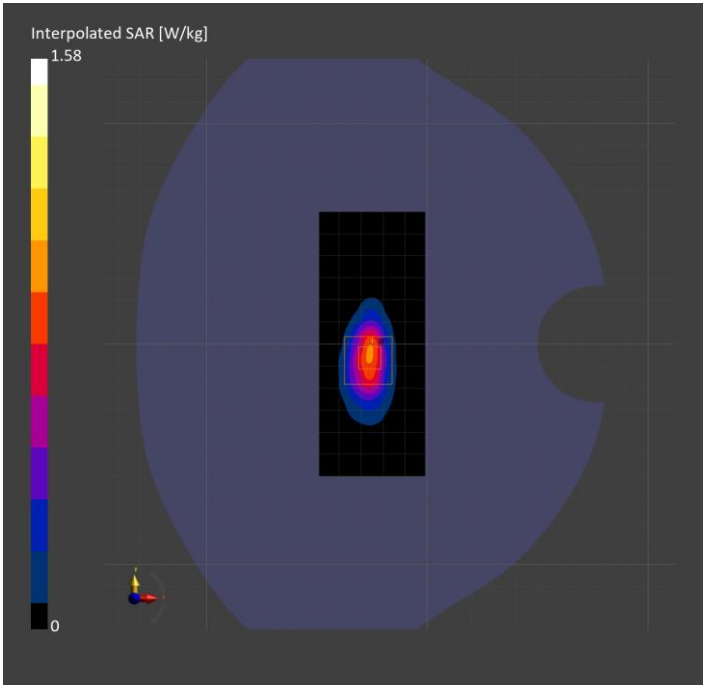
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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 [> 30%]		80.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.58, -26.1, -6.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.720	0.751
psSAR10g [W/Kg]	0.324	0.343
Power Drift [±0.2 dB]	N/A	0.05



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n25	TSL Permittivity	41.1
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.48
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.05	Test Distance [mm]	5.00

Hardware Setup

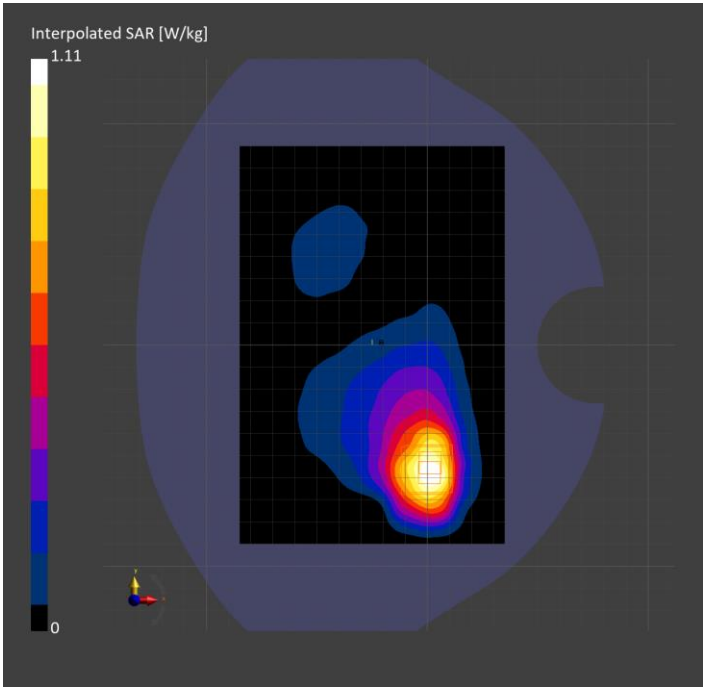
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DAE Calibration Date	DAE4ip Sn1892 2025-03-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 48.0 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%]		82.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.11, 1.3, -53.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.655	0.608
psSAR10g [W/Kg]	0.362	0.344
Power Drift [±0.2 dB]	-0.23	0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n26	TSL Permittivity	42.5
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.874
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.59	Test Distance [mm]	5.00

Hardware Setup

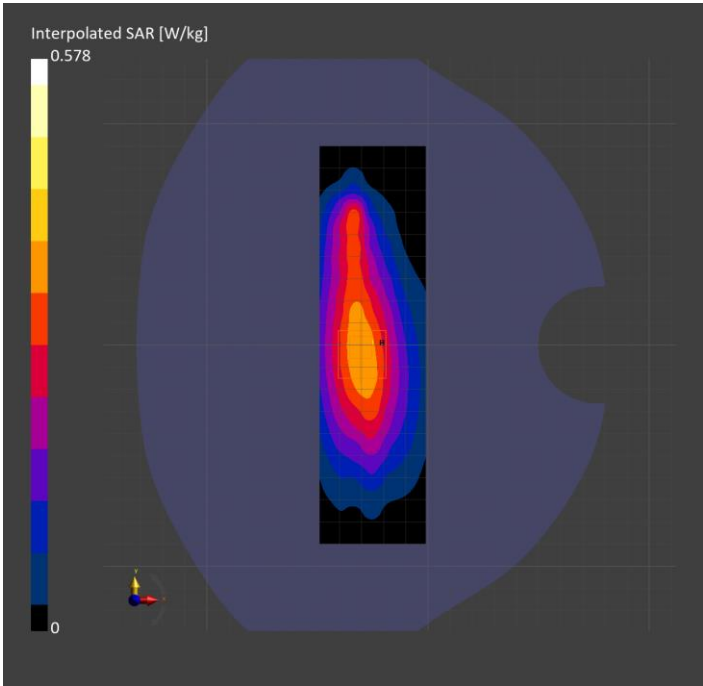
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DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		14.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.578, -30.4, -1.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.330	0.353
psSAR10g [W/Kg]	0.217	0.234
Power Drift [±0.2 dB]	N/A	-0.18



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	41.6
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.877
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.09	Test Distance [mm]	0.00

Hardware Setup

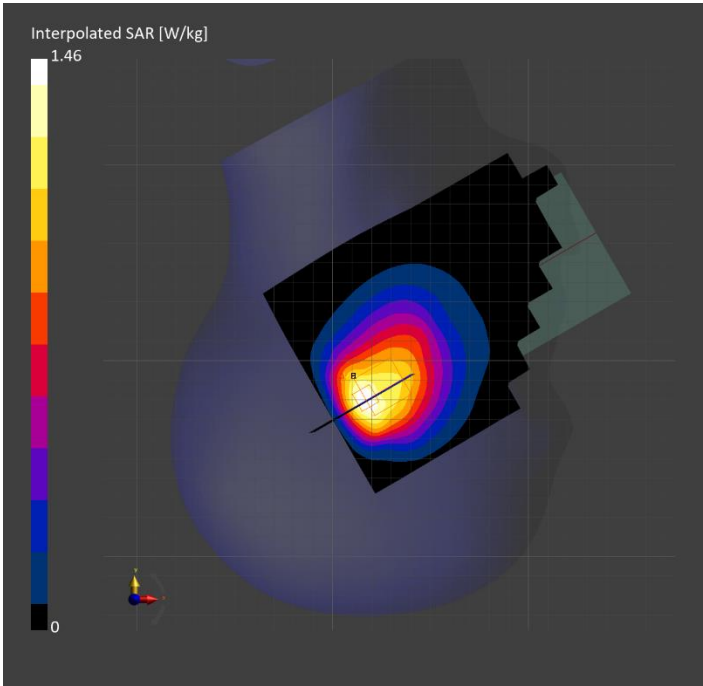
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	60.0 x 60.0 x 33.4
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.46, 16.5, -319.1, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.760	0.735
psSAR10g [W/Kg]	0.494	0.494
Power Drift [±0.2 dB]	N/A	-0.12



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	41.6
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.877
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.09	Test Distance [mm]	5.00

Hardware Setup

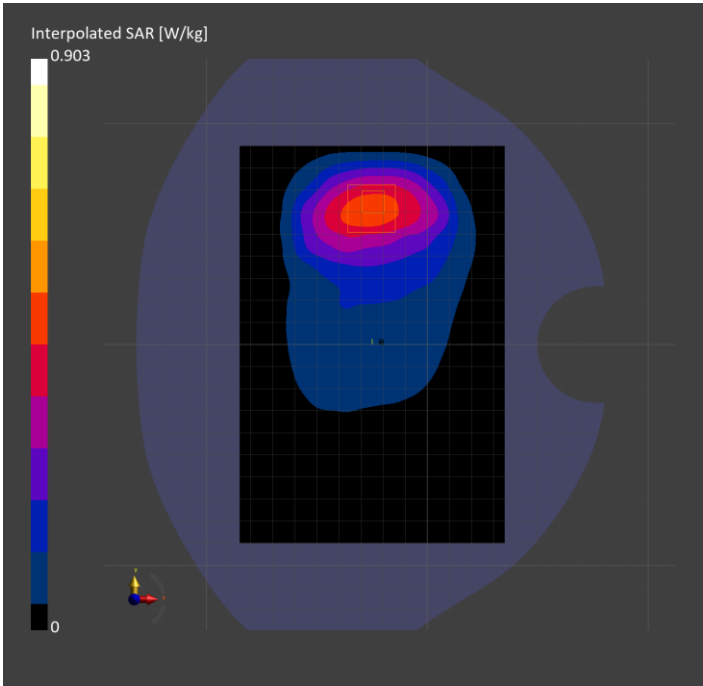
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DAE Calibration Date	DAE4ip Sn1883 2025-02-17	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		85.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.904, -24.5, 64.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.447	0.507
psSAR10g [W/Kg]	0.294	0.317
Power Drift [±0.2 dB]	N/A	-0.06



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n30	TSL Permittivity	41.2
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.62
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

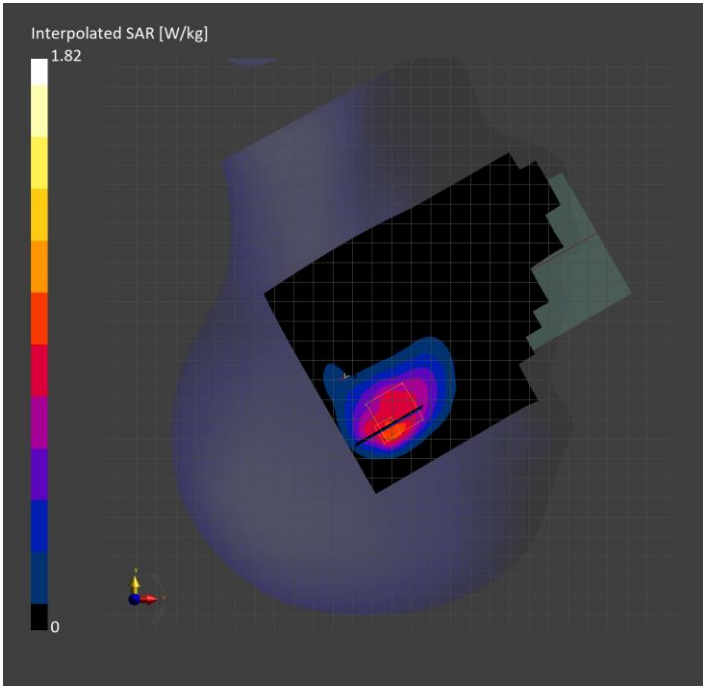
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DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	45.0 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%]		80.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.82, 31.2, -326.9, -164.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.780	0.838
psSAR10g [W/Kg]	0.434	0.435
Power Drift [±0.2 dB]	N/A	-0.18



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

AntennaCfg:SISO, EDGE LEFT

Exposure Conditions

Band	Band n30	TSL Permittivity	38.4
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.70
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.63	Test Distance [mm]	5.00

Hardware Setup

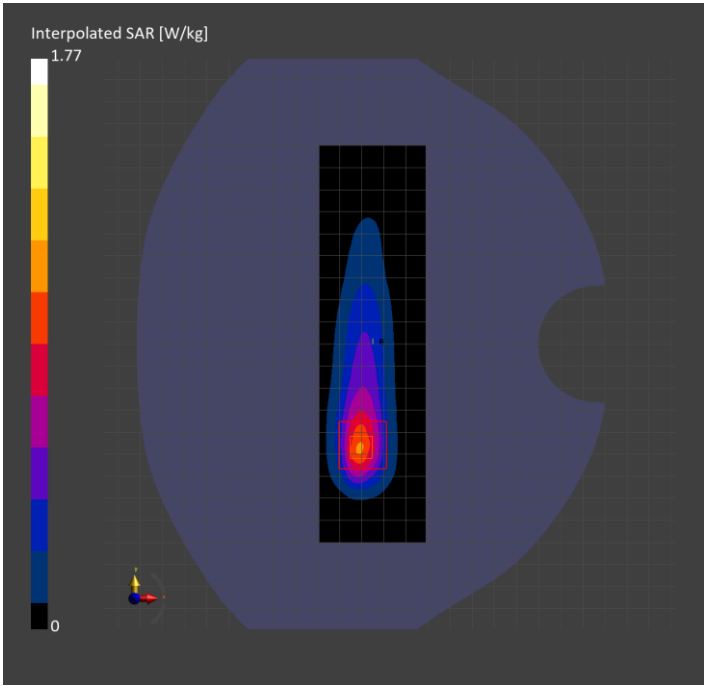
Probe Calibration Date	EX3DV4 - SN7569 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1547 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.77, -30.2, -47.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.833
psSAR10g [W/Kg]	0.371	0.375
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n30	TSL Permittivity	37.6
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.67
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.63	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		

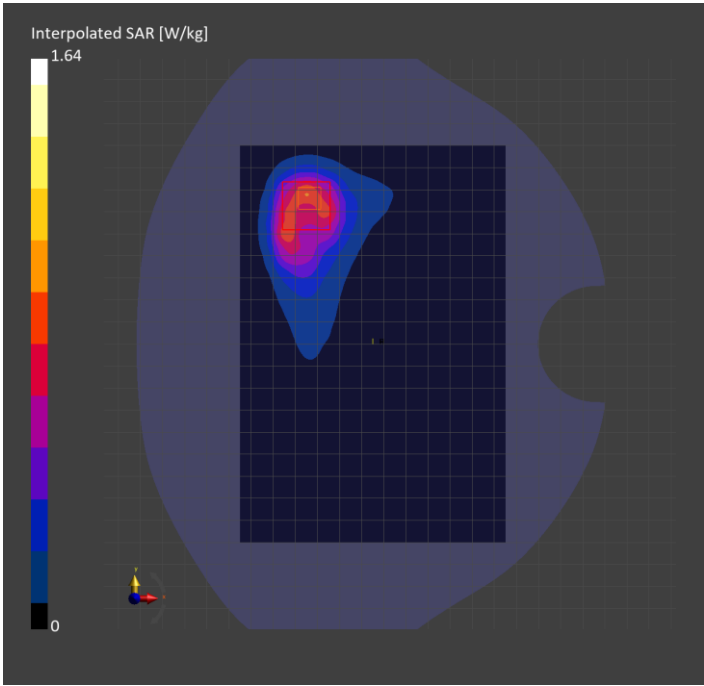
Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		77.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.64, -53.6, 66.1, -207.0

s

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.728	0.778
psSAR10g [W/Kg]	0.411	0.398
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, TILT

Exposure Conditions

Band	Band n41	TSL Permittivity	40.1
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.92
Group UID	5G NR FR1 TDD 10973-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

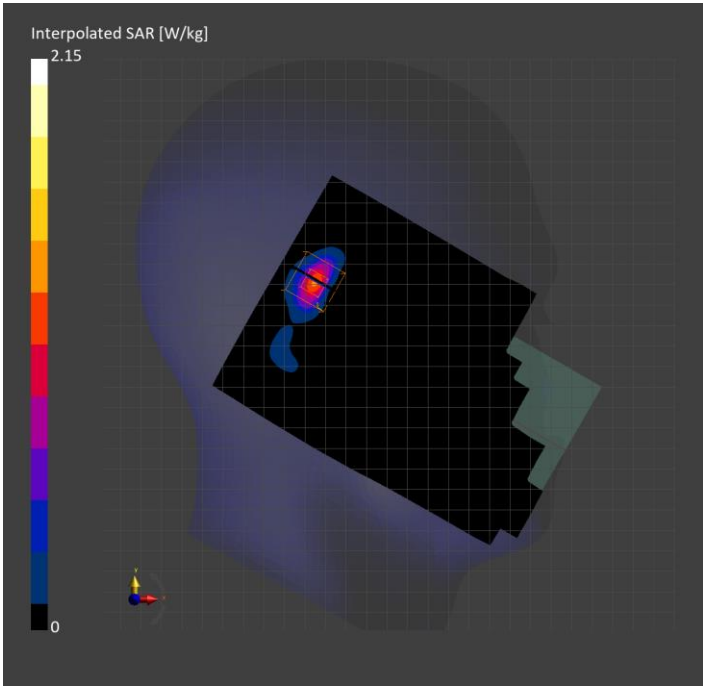
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	38.4 x 38.4 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.15, 4.0, 320.7, -168.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.852	0.941
psSAR10g [W/Kg]	0.304	0.354
Power Drift [±0.2 dB]	N/A	-0.08



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

AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band n41	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.88
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.17	Test Distance [mm]	5.00

Hardware Setup

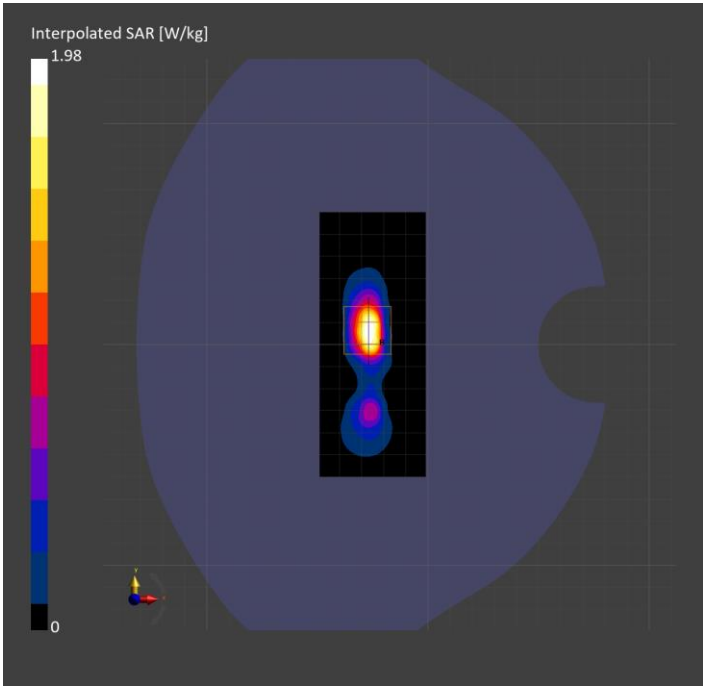
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DAE Calibration Date	DAE4 Sn1357 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.8 x 30.8 x 31.2
Grid Steps [mm]	8.0 x 10.0	4.4 x 4.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, -26.7, 5.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.783	0.823
psSAR10g [W/Kg]	0.274	0.290
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, BACK

Exposure Conditions

Band	Band n41	TSL Permittivity	39.6
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.88
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

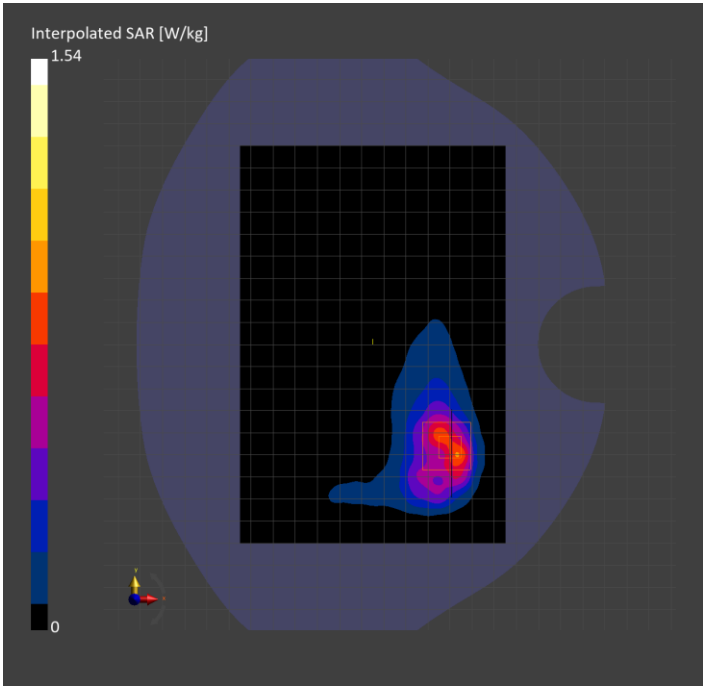
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DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		80.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.54, 10.0, -46.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.737
psSAR10g [W/Kg]	0.329	0.330
Power Drift [±0.2 dB]	N/A	-0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n48	TSL Permittivity	38.5
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.83
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.73	Test Distance [mm]	0.00

Hardware Setup

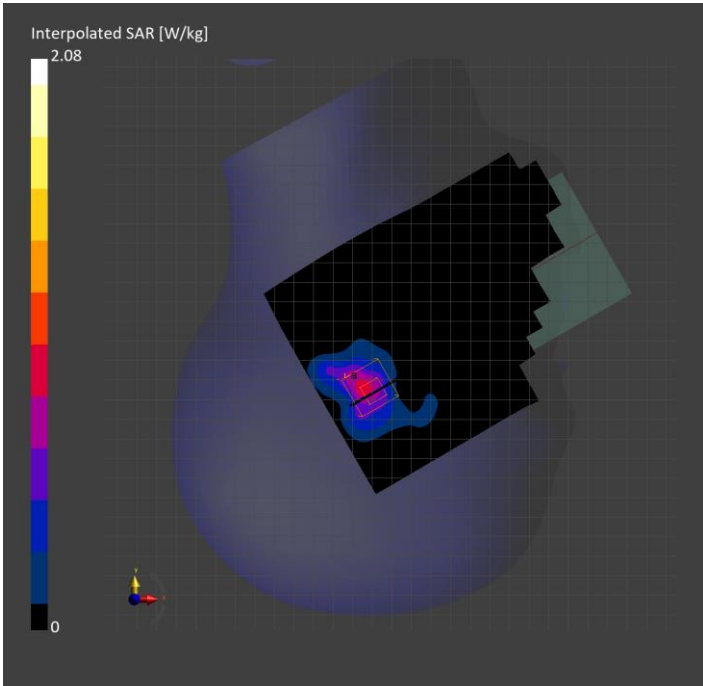
Probe Calibration Date	EX3DV4 - SN3749 2025-01-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.8 x 32.8 x 33.4
Grid Steps [mm]	10.0 x 10.0	4.1 x 4.1 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.08, 20.1, -315.6, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.689	0.809
psSAR10g [W/Kg]	0.289	0.301
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	35.5
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.83
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.73	Test Distance [mm]	5.00

Hardware Setup

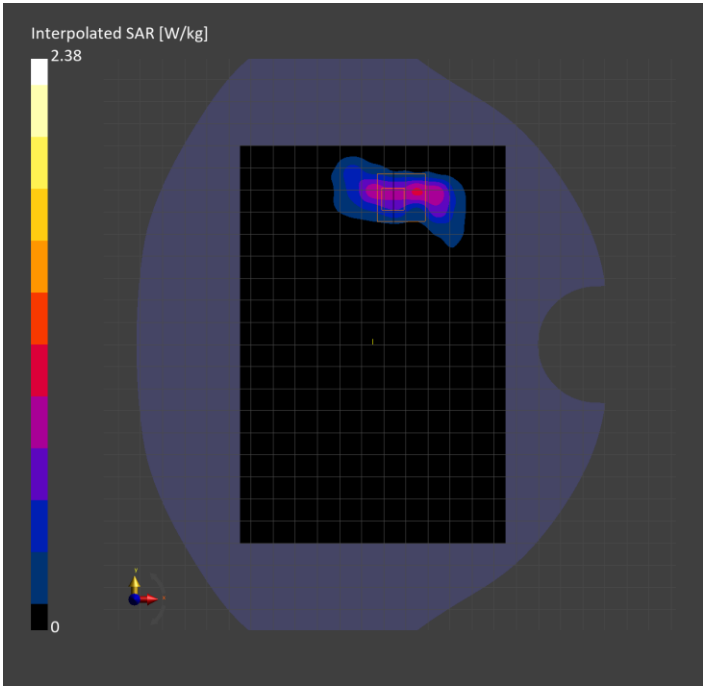
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DAE Calibration Date	DAE4 Sn1380 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	37.0 x 37.0 x 29.1
Grid Steps [mm]	10.0 x 10.0	3.7 x 3.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.39, -15.8, 65.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.704	0.799
psSAR10g [W/Kg]	0.277	0.264
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n48	TSL Permittivity	41.1
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.84
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.46	Test Distance [mm]	5.00

Hardware Setup

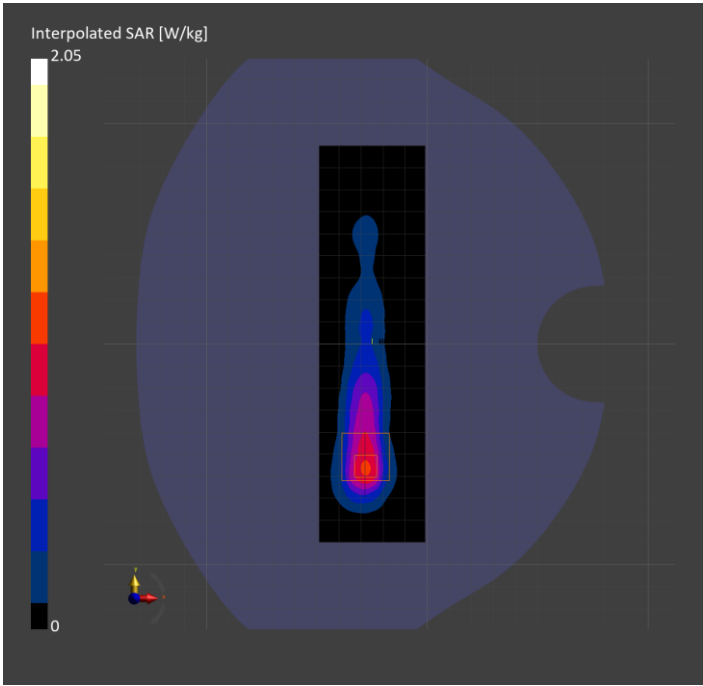
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.05, -28.0, -55.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.767	0.778
psSAR10g [W/Kg]	0.306	0.312
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n53	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.71
Group UID	5G NR FR1 TDD 10908-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.47	Test Distance [mm]	5.00

Hardware Setup

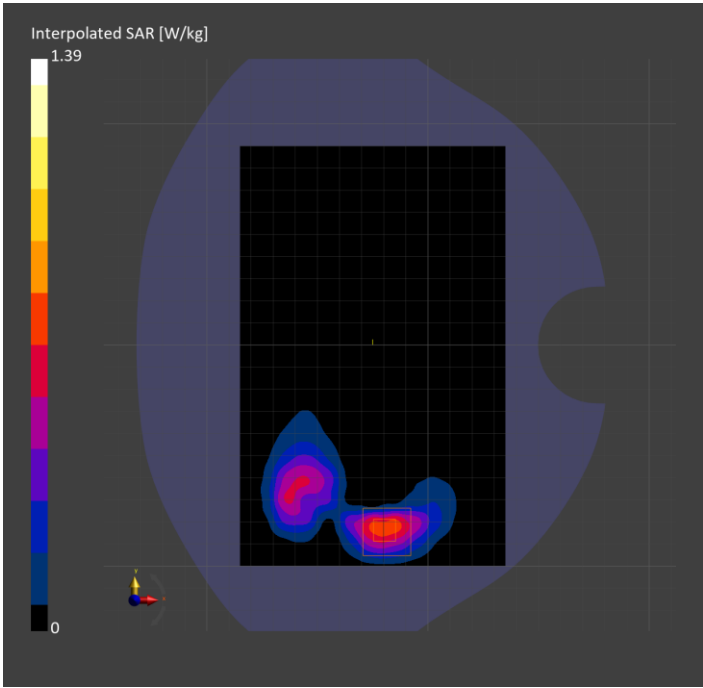
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DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		82.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.39, -19.7, -83.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.602	0.680
psSAR10g [W/Kg]	0.269	0.289
Power Drift [±0.2 dB]	N/A	-0.11



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n53	TSL Permittivity	39.4
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.71
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.47	Test Distance [mm]	5.00

Hardware Setup

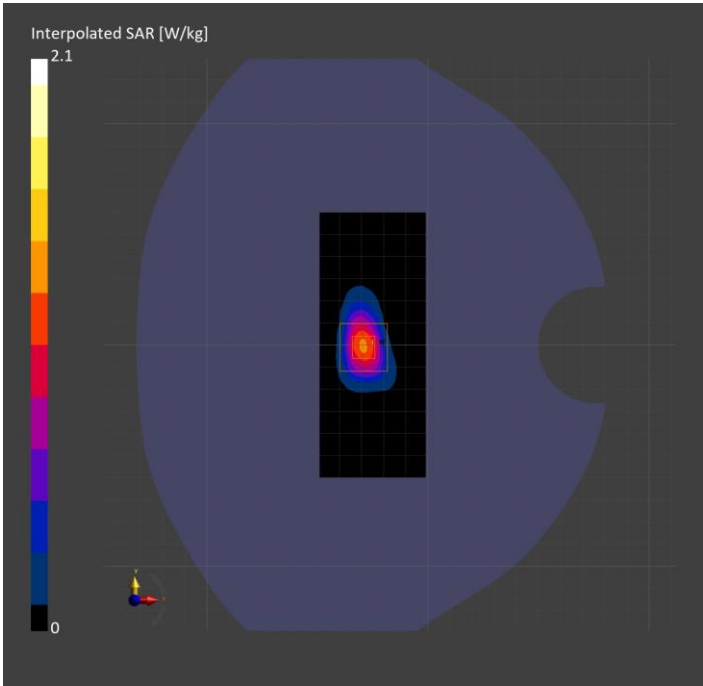
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DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.10, -29.1, -1.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.936	0.973
psSAR10g [W/Kg]	0.381	0.391
Power Drift [±0.2 dB]	N/A	0.03



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	41.3
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.73
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.17	Test Distance [mm]	0.00

Hardware Setup

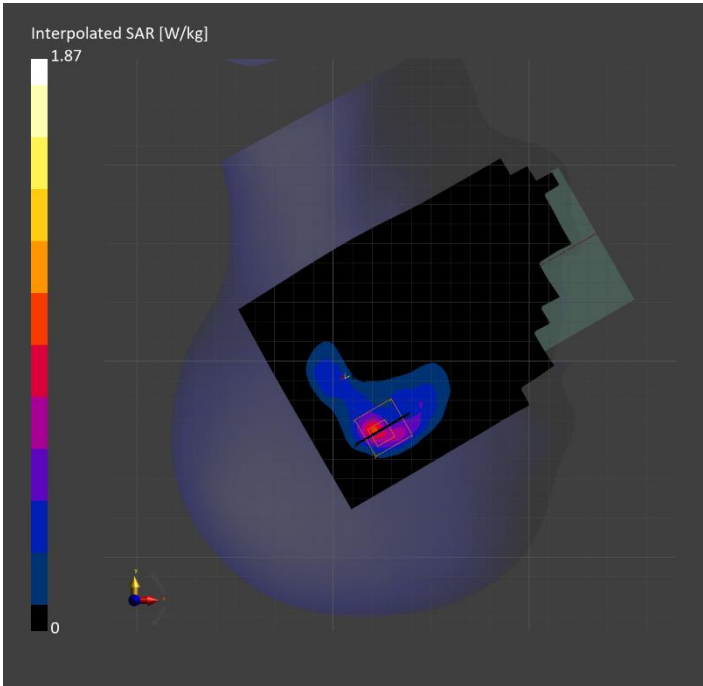
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DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	32.0 x 32.0 x 33.4
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%]		76.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.87, 24.4, -337.0, -169.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.662	0.740
psSAR10g [W/Kg]	0.291	0.301
Power Drift [±0.2 dB]	N/A	0.06



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	43.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.25
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.6	Test Distance [mm]	0.00

Hardware Setup

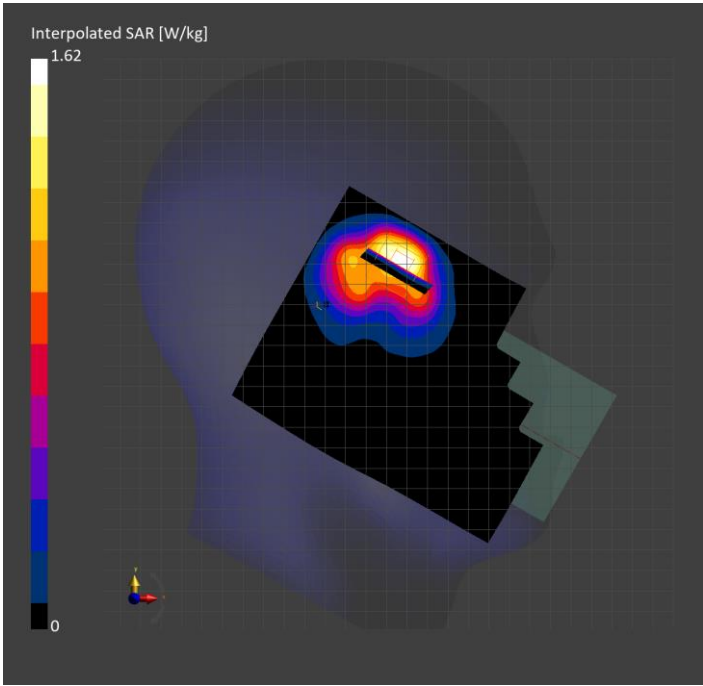
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DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.8 x 36.8 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.62, 47.0, 330.5, -169.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.574	0.763
psSAR10g [W/Kg]	0.322	0.363
Power Drift [±0.2 dB]	N/A	-0.10



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	43.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.25
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.6	Test Distance [mm]	5.00

Hardware Setup

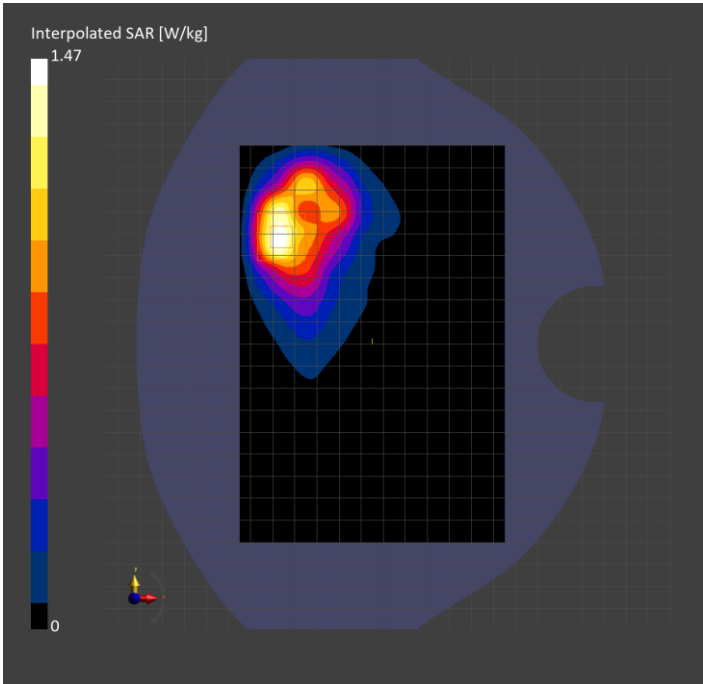
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DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	33.0 x 33.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.47, -66.1, 48.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.568	0.724
psSAR10g [W/Kg]	0.316	0.353
Power Drift [±0.2 dB]	N/A	0.00



Band n66: 5G NR (DFT-s-OFDM, 1 RB, 45 MHz, QPSK, 15 kHz) RBPosition:Low

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n66	TSL Permittivity	43.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.25
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.6	Test Distance [mm]	5.00

Hardware Setup

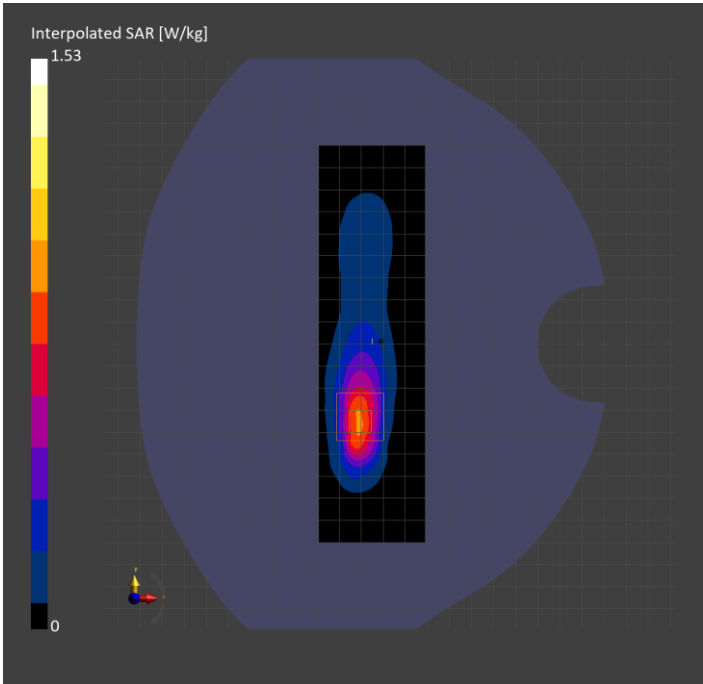
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DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	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 [> 30%]		82.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.53, -30.4, -35.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.734	0.779
psSAR10g [W/Kg]	0.359	0.372
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, TILT

Exposure Conditions

Band	Band n70	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

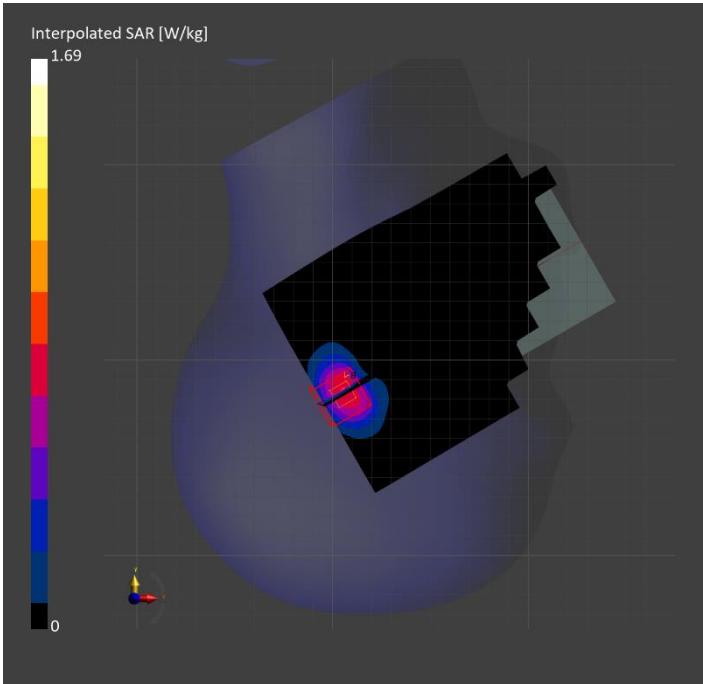
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.69, 4.7, -317.3, -168.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.686	0.756
psSAR10g [W/Kg]	0.365	0.349
Power Drift [±0.2 dB]	N/A	-0.10



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

AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band n70	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10930-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

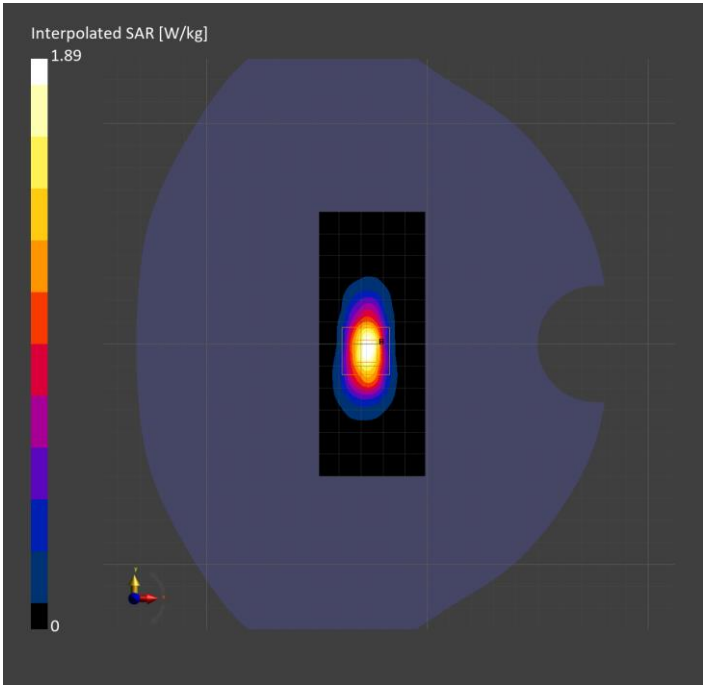
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DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	33.0 x 33.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.89, -27.9, -3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.840	0.884
psSAR10g [W/Kg]	0.379	0.390
Power Drift [±0.2 dB]	N/A	-0.01



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	41.5
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.37
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.15	Test Distance [mm]	5.00

Hardware Setup

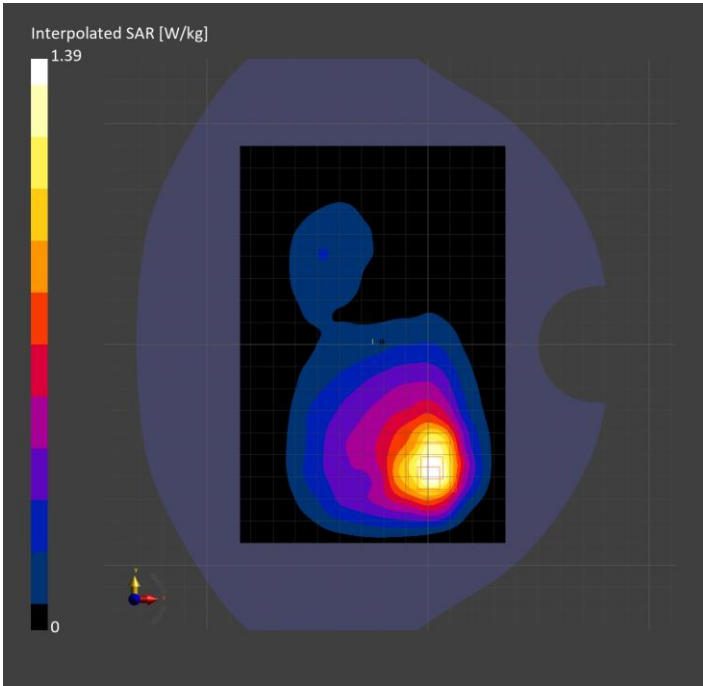
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DAE Calibration Date	DAE4ip Sn1892 2025-03-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		79.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.39, 0.3, -60.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.697	0.679
psSAR10g [W/Kg]	0.397	0.388
Power Drift [±0.2 dB]	-0.10	-0.04



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n71	TSL Permittivity	44.5
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.820
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

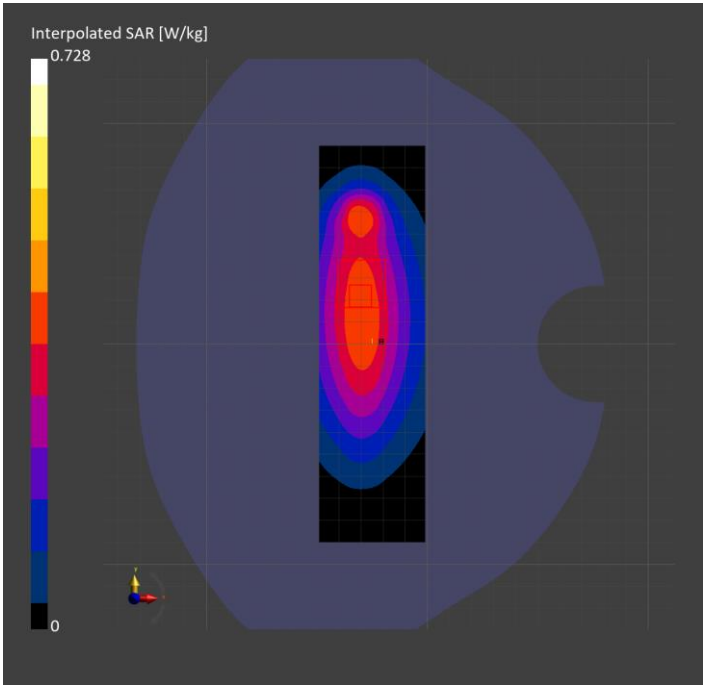
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	42.0 x 66.0 x 31.2
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		72.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.728, -30.3, 21.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.369	0.357
psSAR10g [W/Kg]	0.250	0.236
Power Drift [±0.2 dB]	N/A	-0.08



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	44.5
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.820
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00

Hardware Setup

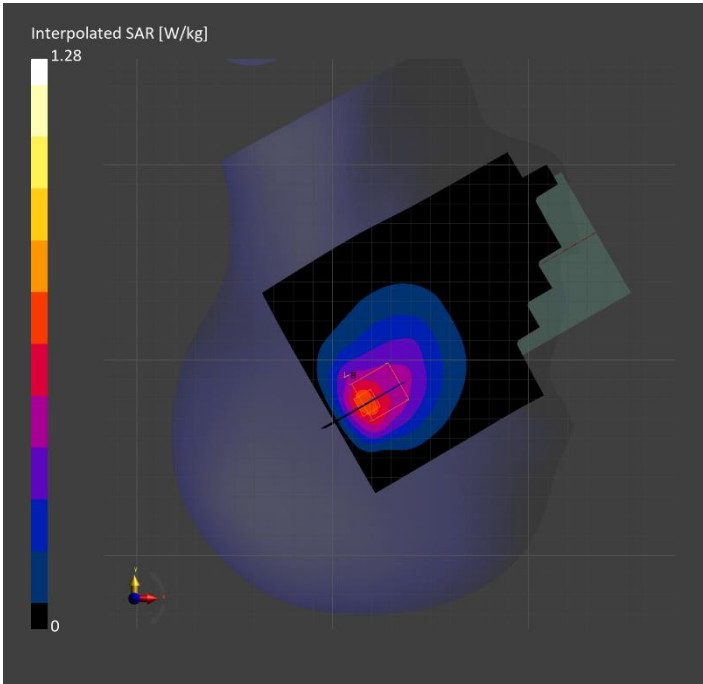
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		74.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.28, 17.2, -321.9, -169.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.589	0.575
psSAR10g [W/Kg]	0.376	0.359
Power Drift [±0.2 dB]	N/A	0.01



Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:High

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n71	TSL Permittivity	44.0
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.818
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	5.00

Hardware Setup

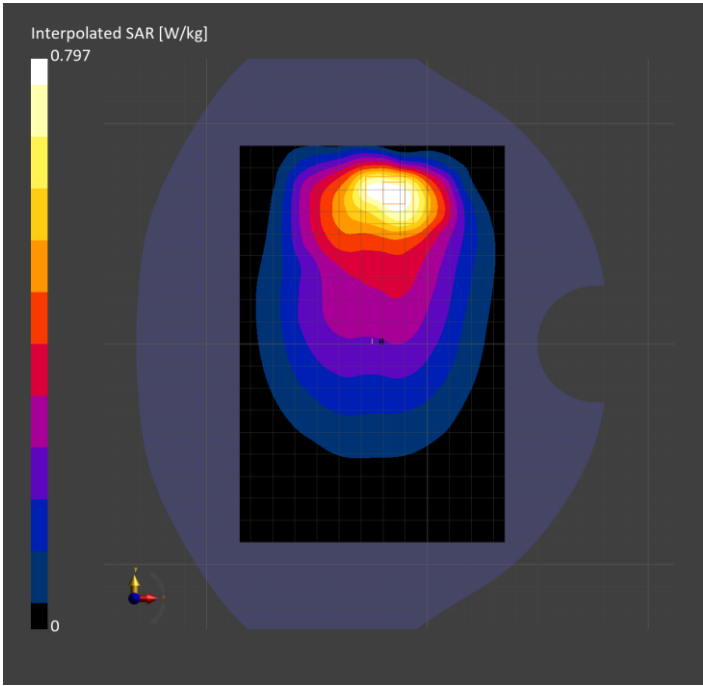
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DAE Calibration Date	DAE4ip Sn1882 2025-02-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		73.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.797, -15.1, 68.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.333	0.382
psSAR10g [W/Kg]	0.220	0.219
Power Drift [±0.2 dB]	N/A	-0.07



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

AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n77	TSL Permittivity	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	LeftHead HSL
Conversion Factor	6.58	Test Distance [mm]	0.00

Hardware Setup

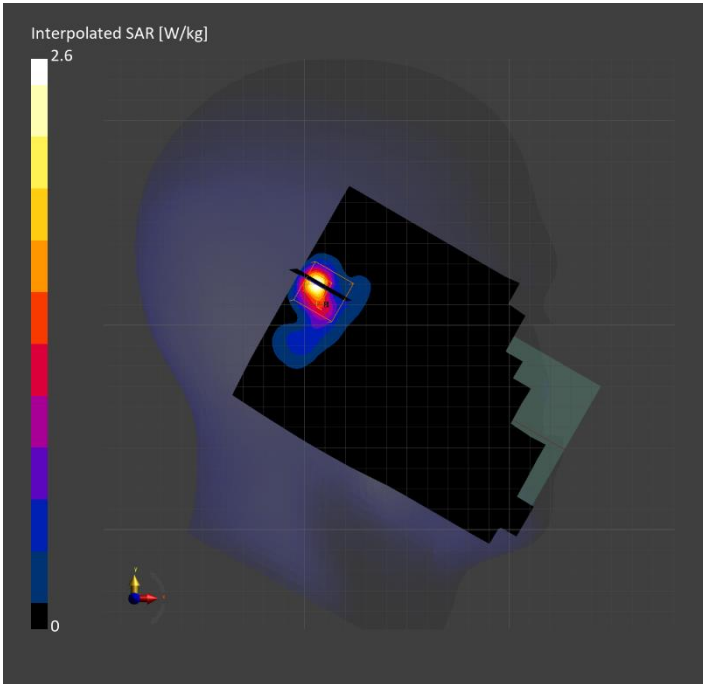
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.64, 6.0, 318.6, -168.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.832	0.879
psSAR10g [W/Kg]	0.280	0.285
Power Drift [±0.2 dB]	N/A	0.08



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

AntennaCfg:SISO, EDGE TOP

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

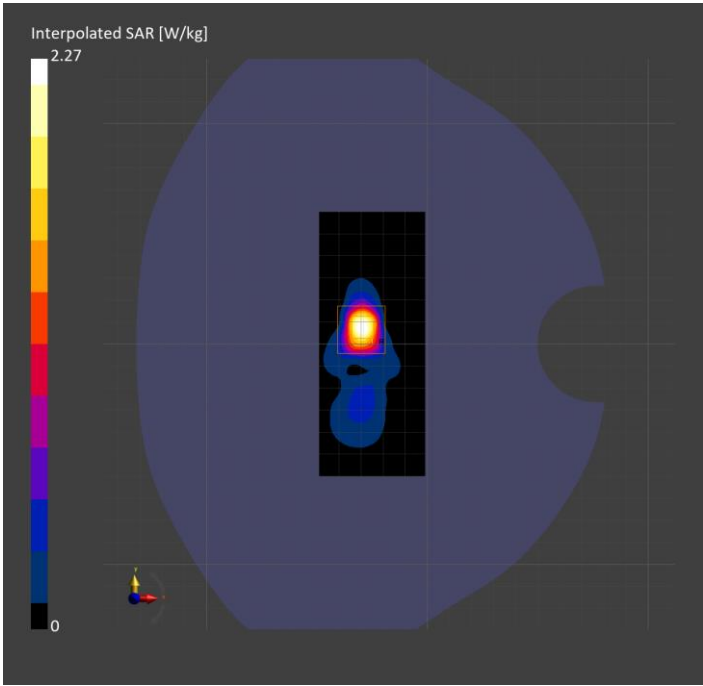
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	28.2 x 28.2 x 29.1
Grid Steps [mm]	8.0 x 10.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		79.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.27, -29.3, 7.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.820
psSAR10g [W/Kg]	0.253	0.251
Power Drift [±0.2 dB]	N/A	0.02



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	41.2
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.77
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	5.00

Hardware Setup

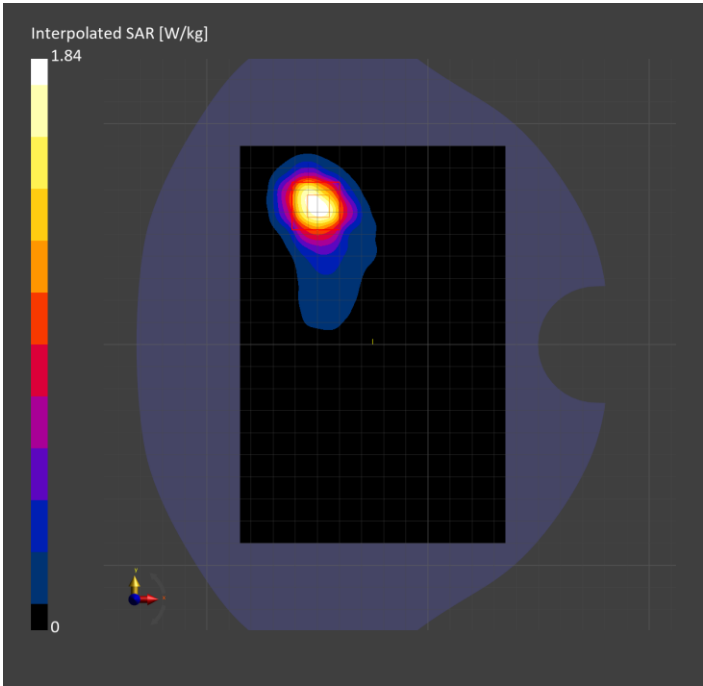
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DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		74.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.84, -49.6, 62.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.782	0.794
psSAR10g [W/Kg]	0.334	0.346
Power Drift [±0.2 dB]	N/A	-0.01



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n77	TSL Permittivity	40.8
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.03
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.32	Test Distance [mm]	5.00

Hardware Setup

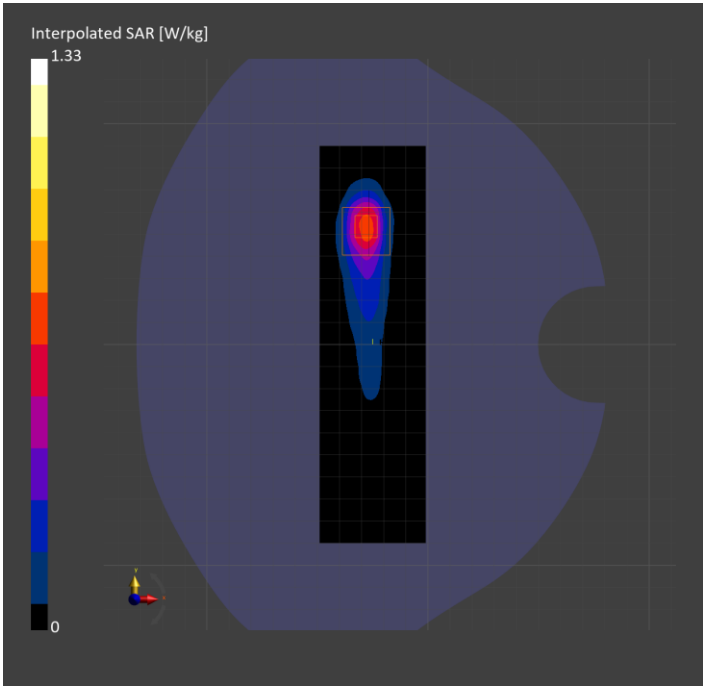
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DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.33, -28.0, 53.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.524	0.496
psSAR10g [W/Kg]	0.193	0.180
Power Drift [±0.2 dB]	N/A	-0.20



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	35.8
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.12
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.2	Test Distance [mm]	0.00

Hardware Setup

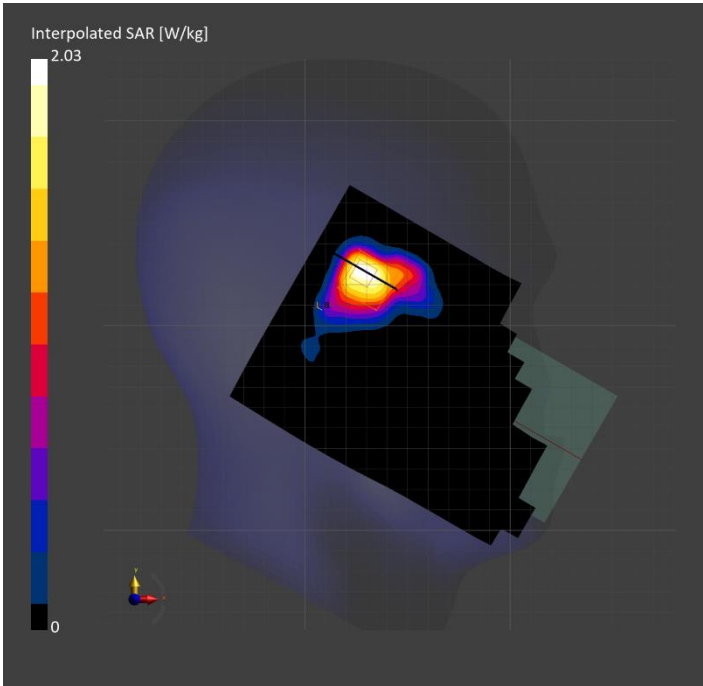
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DAE Calibration Date	DAE4 Sn1798 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		73.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.03, 28.3, 325.9, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.696	0.791
psSAR10g [W/Kg]	0.308	0.332
Power Drift [±0.2 dB]	N/A	-0.18



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n77	TSL Permittivity	35.8
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.12
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.2	Test Distance [mm]	5.00

Hardware Setup

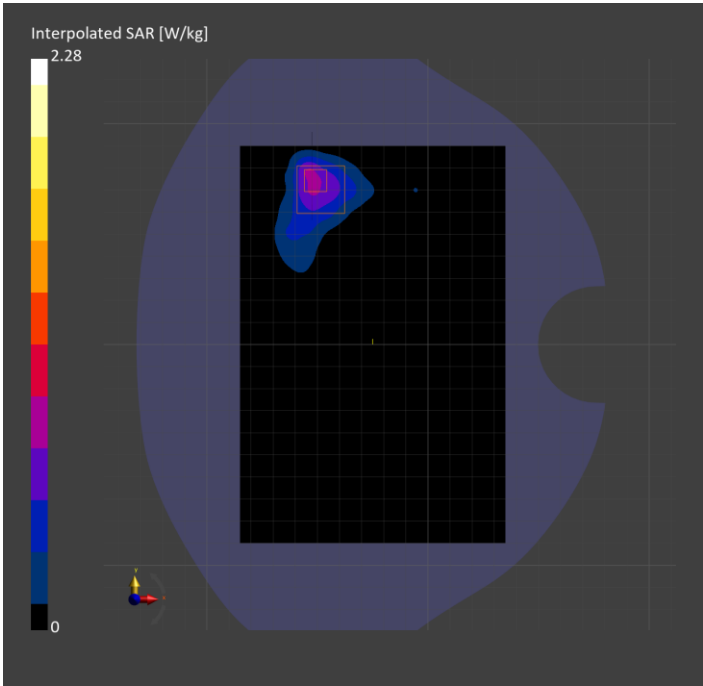
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DAE Calibration Date	DAE4 Sn1798 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		66.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.28, -50.8, 74.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.610	0.689
psSAR10g [W/Kg]	0.261	0.258
Power Drift [±0.2 dB]	N/A	-0.03



Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.6
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.72
Group UID	WLAN 10415-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.17	Test Distance [mm]	0.00

Hardware Setup

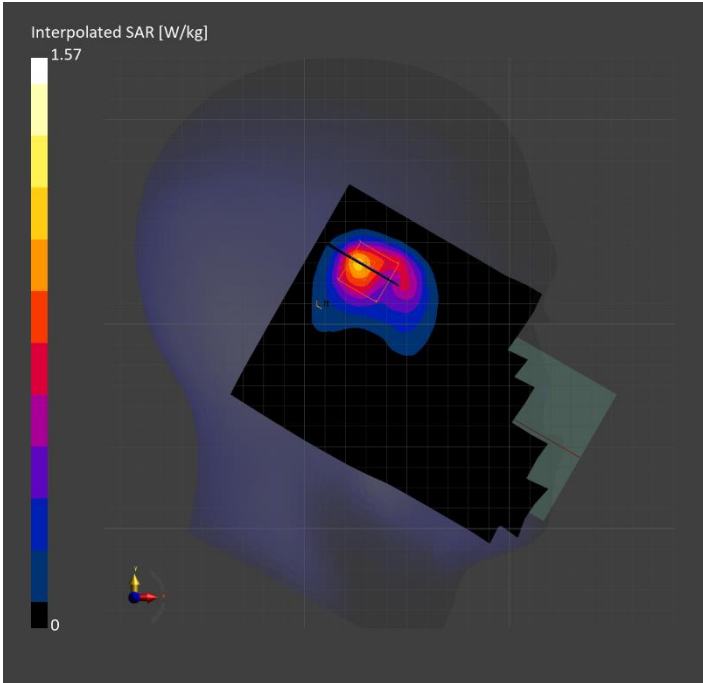
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DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		84.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.59, 27.3, 328.6, -169.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.822	0.867
psSAR10g [W/Kg]	0.407	0.419
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	40.5
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.72
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	8.17	Test Distance [mm]	5.00

Hardware Setup

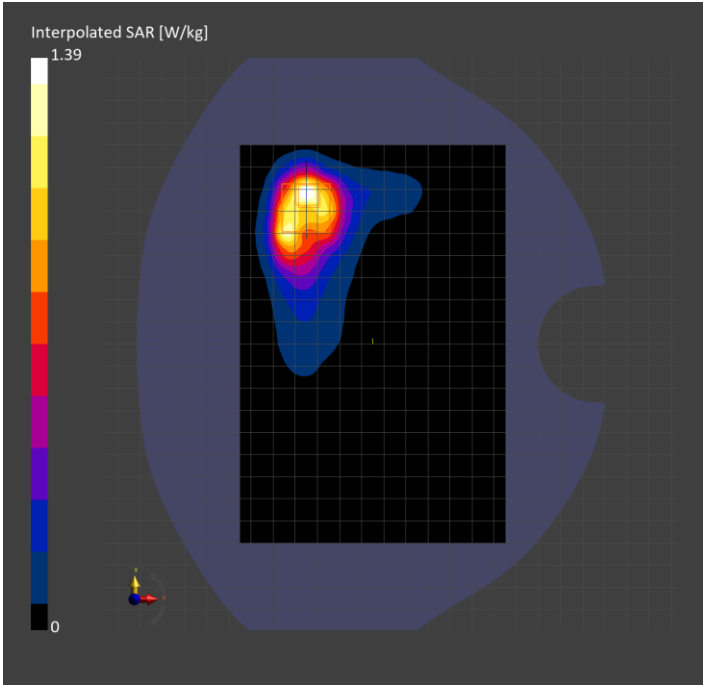
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DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		78.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.39, -53.7, 66.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.620	0.646
psSAR10g [W/Kg]	0.326	0.324
Power Drift [±0.2 dB]	N/A	-0.07



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	36.0
Frequency [MHz] Channel Number	5210.000 42	TSL Conductivity [S/m]	4.55
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.47	Test Distance [mm]	5.00

Hardware Setup

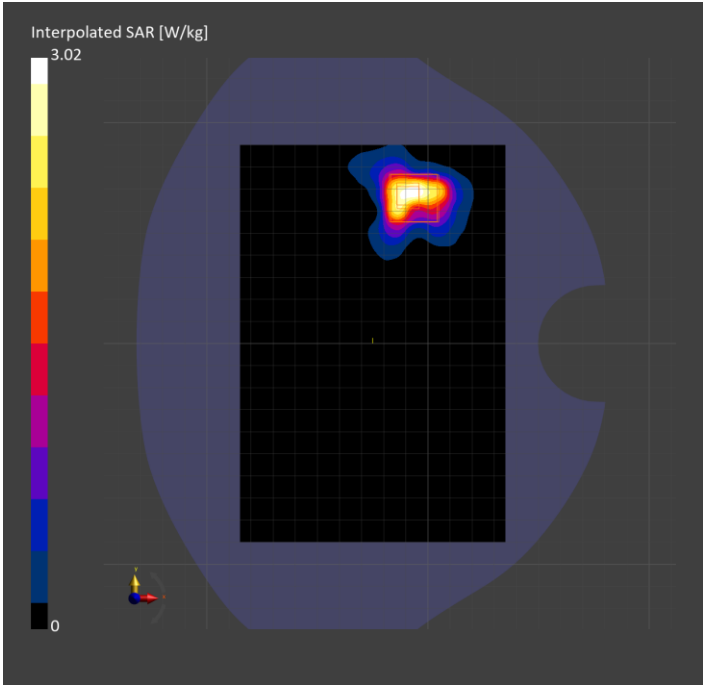
Probe Calibration Date	EX3DV4 - SN7501 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		65.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.02, -9.0, 66.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.538	0.775
psSAR10g [W/Kg]	0.195	0.236
Power Drift [±0.2 dB]	N/A	0.05



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.0
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.59
Group UID	WLAN 10114-CAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.47	Test Distance [mm]	0.00

Hardware Setup

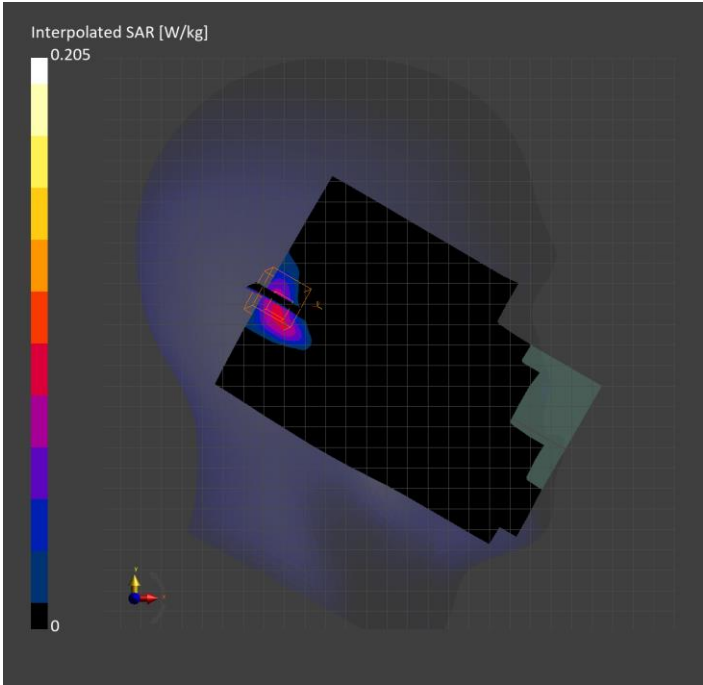
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DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 36.0 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%]		70.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.205, -13.4, 308.9, -164.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.066	0.061
psSAR10g [W/Kg]	0.024	0.019
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	35.5
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.97
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.34	Test Distance [mm]	0.00

Hardware Setup

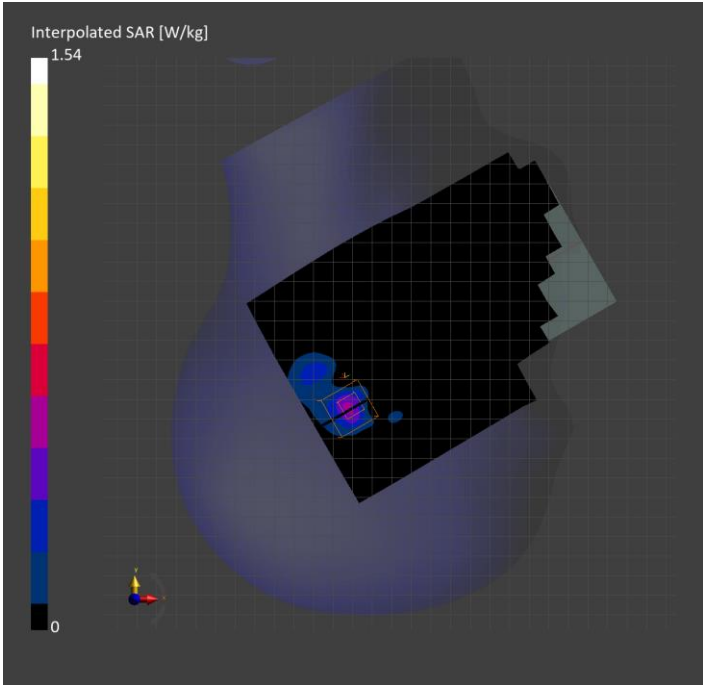
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DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.0 x 36.0 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%]		62.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.55, 8.6, -323.3, -168.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.378	0.399
psSAR10g [W/Kg]	0.117	0.124
Power Drift [±0.2 dB]	N/A	0.06



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

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	34.3
Frequency [MHz] Channel Number	5570.000 114	TSL Conductivity [S/m]	4.78
Group UID	WLAN 10554-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.27	Test Distance [mm]	5.00

Hardware Setup

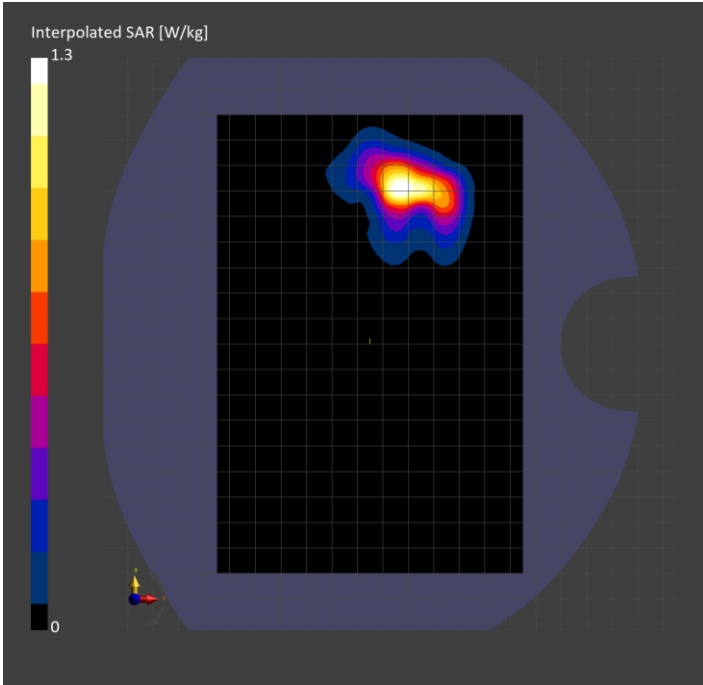
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DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		57.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	4.17, -13.2, 62.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.899	0.915
psSAR10g [W/Kg]	0.304	0.299
Power Drift [±0.2 dB]	N/A	-0.14



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.3
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	4.85
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.73	Test Distance [mm]	0.00

Hardware Setup

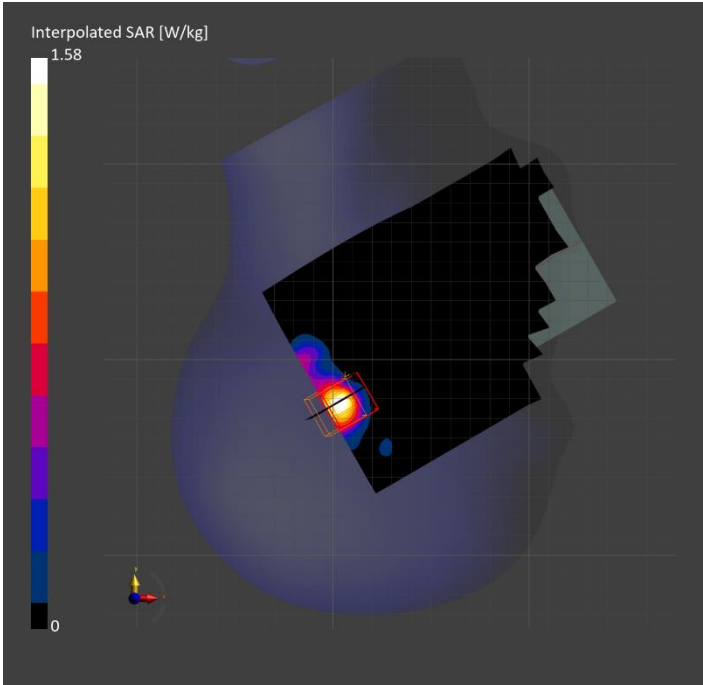
Probe Calibration Date	EX3DV4 - SN3989 Sensor X Disabled 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1257 2024-09-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.0 x 36.0 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]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.58, 3.2, -321.6, -168.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.377	0.416
psSAR10g [W/Kg]	0.109	0.136
Power Drift [±0.2 dB]	N/A	0.13



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.3
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	4.85
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.73	Test Distance [mm]	5.00

Hardware Setup

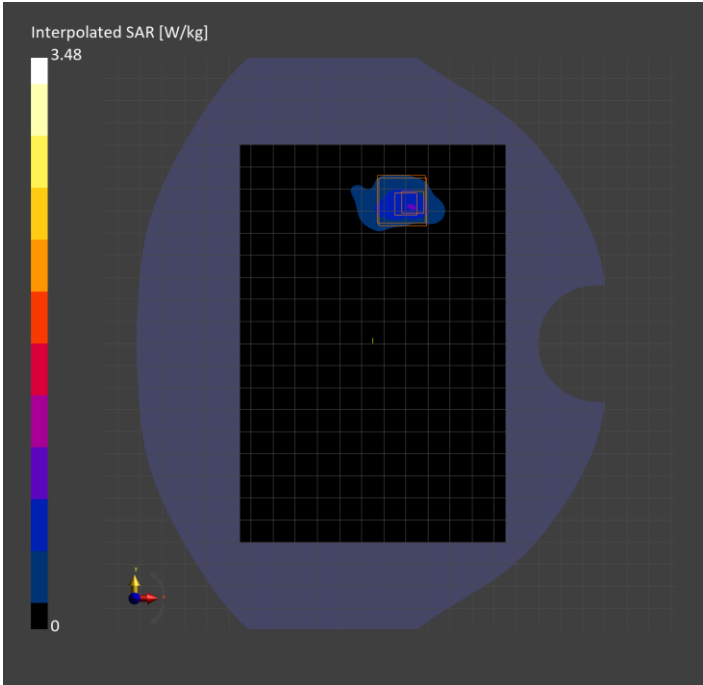
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DAE Calibration Date	DAE4 Sn1257 2024-09-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.4 x 26.6 x 22.9
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		62.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.48, -6.9, 64.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.647	0.786
psSAR10g [W/Kg]	0.228	0.253
Power Drift [±0.2 dB]	N/A	0.11



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	35.1
Frequency [MHz] Channel Number	6185.000 47	TSL Conductivity [S/m]	5.58
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.37	Test Distance [mm]	5.00

Hardware Setup

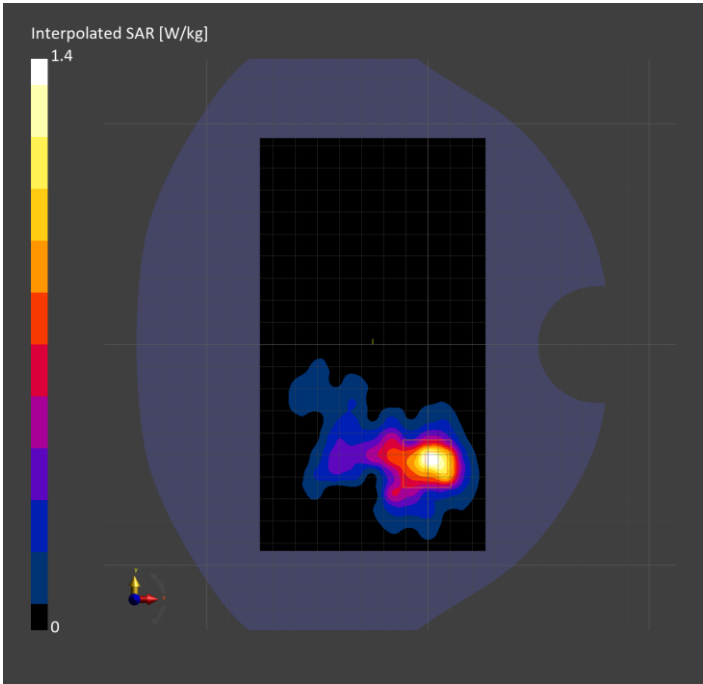
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
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%]		51.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.40, 1.2, -53.9, -197.2

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.253	0.289	N/A
psSAR8g [W/Kg]	0.097	0.101	N/A
psSAR10g [W/Kg]	0.086	0.089	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	2.02
Power Drift [±0.2 dB]	N/A	-0.14	-0.14



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

Exposure Conditions

Band	U-NII-5	TSL Permittivity	35.5
Frequency [MHz] Channel Number	6025.000 15	TSL Conductivity [S/m]	5.28
Group UID	WLAN 10755-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.37	Test Distance [mm]	0.00

Hardware Setup

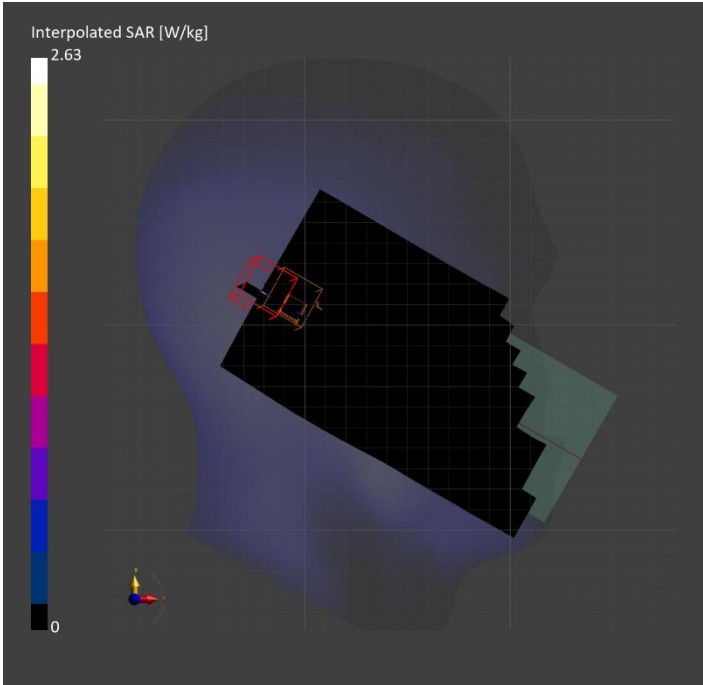
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DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	57.8 x 57.8 x 22.9	30.6 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%]		81.8	54.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		2.1	5.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.63, -18.6, 323.1, -159.4	0.197, -8.0, 312.7, -160.8

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.035	0.013	0.021	N/A	N/A
psSAR8g [W/Kg]	0.013	0.006	0.01	N/A	N/A
psSAR10g [W/Kg]	0.011	0.009	0.008	N/A	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	N/A	0.127	0.193
Power Drift [±0.2 dB]	N/A	N/A	-18.62	N/A	N/A



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	34.3
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.87
Group UID	WLAN 10755-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.78	Test Distance [mm]	0.00

Hardware Setup

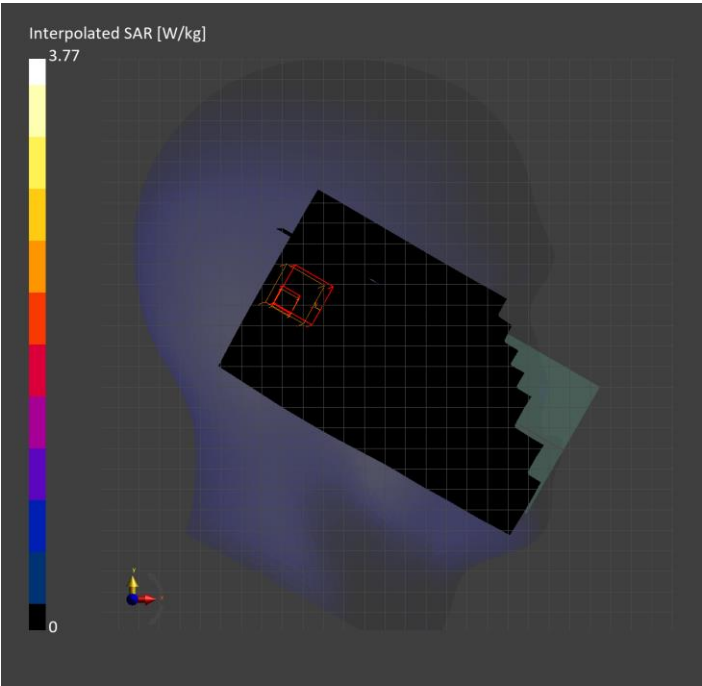
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DAE Calibration Date	DAE4 Sn1544 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 N/A		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	23.4 x 23.4 x 25.0	51.0 x 57.8 x 22.9
Grid Steps [mm]	8.5 x 8.5	2.6 x 2.6 x 1.2	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%]		77.1	66.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.5	4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.096, -3.1, 313.5, -161.7	3.77, -6.0, 314.8, -161.3

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.021	0.020	0.023	N/A	N/A
psSAR8g [W/Kg]	0.009	0.007	0.01	N/A	N/A
psSAR10g [W/Kg]	0.008	0.006	0.009	N/A	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	N/A	0.144	0.199
Power Drift [±0.2 dB]	N/A	-0.97	-0.50	N/A	N/A



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

Exposure Conditions

Band	U-NII-6	TSL Permittivity	35.0
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.97
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.78	Test Distance [mm]	5.00

Hardware Setup

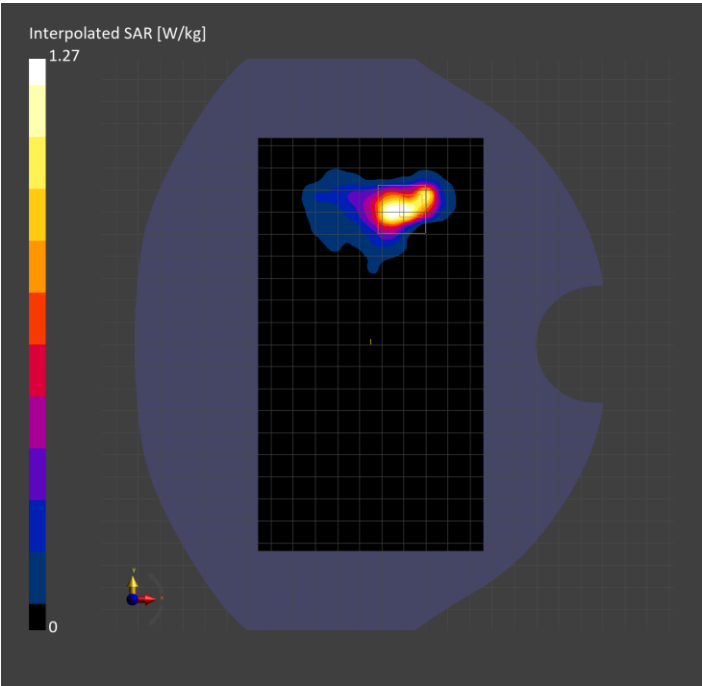
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DAE Calibration Date	DAE4 Sn1544 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

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%]		52.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.27, -9.9, 62.0, -197.0

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.188	0.249	N/A
psSAR8g [W/Kg]	0.068	0.083	N/A
psSAR10g [W/Kg]	0.059	0.072	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	1.66
Power Drift [±0.2 dB]	N/A	-0.15	-0.15



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

Exposure Conditions

Band	U-NII-7	TSL Permittivity	33.3
Frequency [MHz] Channel Number	6665.000 143	TSL Conductivity [S/m]	6.05
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.21	Test Distance [mm]	5.00

Hardware Setup

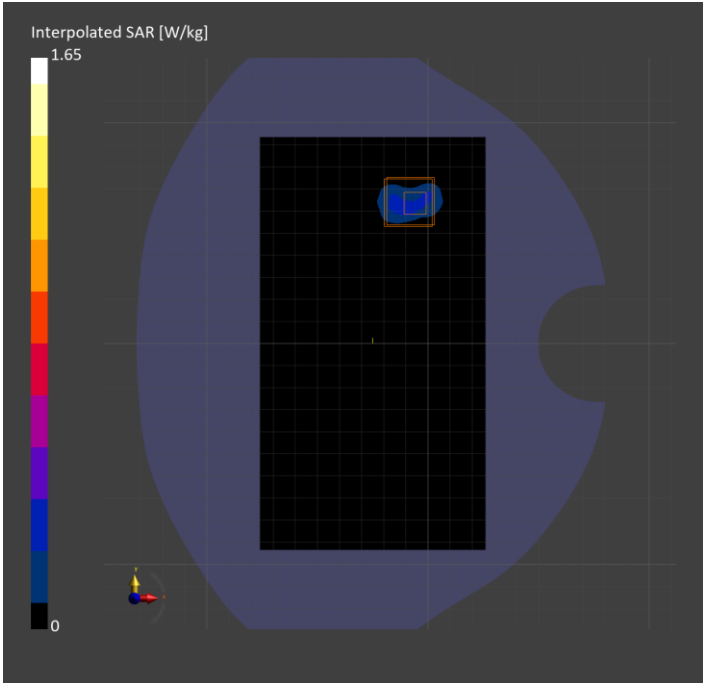
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DAE Calibration Date	DAE4 Sn1472 2025-01-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	30.6 x 30.6 x 22.9	23.8 x 23.8 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%]		54.6	55.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.1	3.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.65, -7.9, 64.5, -197.0	1.65, -7.9, 63.3, -197.0

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.255	0.310	0.301	N/A	N/A
psSAR8g [W/Kg]	0.094	0.094	0.091	N/A	N/A
psSAR10g [W/Kg]	0.082	0.081	0.078	N/A	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	N/A	1.88	1.81
Power Drift [±0.2 dB]	N/A	1.03	-0.41	N/A	N/A



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	33.8
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.86
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.51	Test Distance [mm]	0.00

Hardware Setup

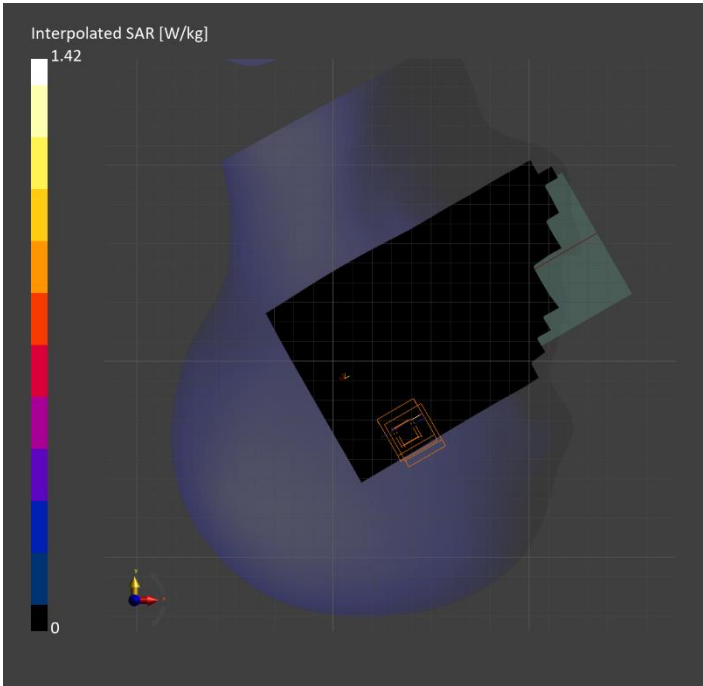
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DAE Calibration Date	DAE4 Sn1258 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	37.4 x 34.0 x 22.9	37.4 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%]		47.4	39.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.1	4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.42, 38.5, -337.1, -163.8	1.00, 38.9, -338.9, -163.5

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.028	0.035	0.037	N/A	N/A
psSAR8g [W/Kg]	0.008	0.014	0.014	N/A	N/A
psSAR10g [W/Kg]	0.007	0.021	0.013	N/A	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	N/A	0.282	0.270
Power Drift [±0.2 dB]	N/A	N/A	N/A	N/A	N/A



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

Exposure Conditions

Band	U-NII-8	TSL Permittivity	34.0
Frequency [MHz] Channel Number	6985.000 207	TSL Conductivity [S/m]	6.44
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.51	Test Distance [mm]	5.00

Hardware Setup

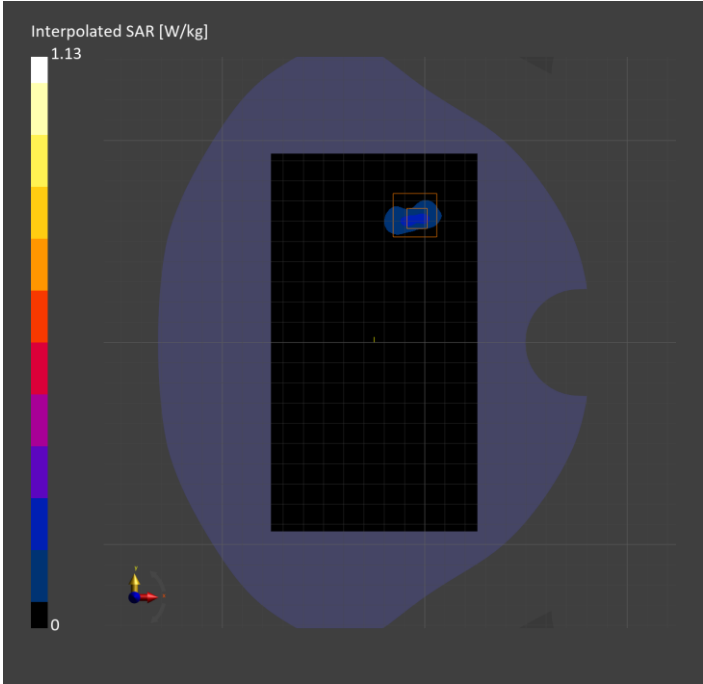
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DAE Calibration Date	DAE4 Sn1258 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 187.0	27.2 x 27.2 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%]		45.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.13, -4.8, 63.0, -197.0

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.162	0.199	N/A
psSAR8g [W/Kg]	0.056	0.064	N/A
psSAR10g [W/Kg]	0.049	0.056	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	1.29
Power Drift [±0.2 dB]	N/A	-0.03	-0.03



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.71
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.17	Test Distance [mm]	0.00

Hardware Setup

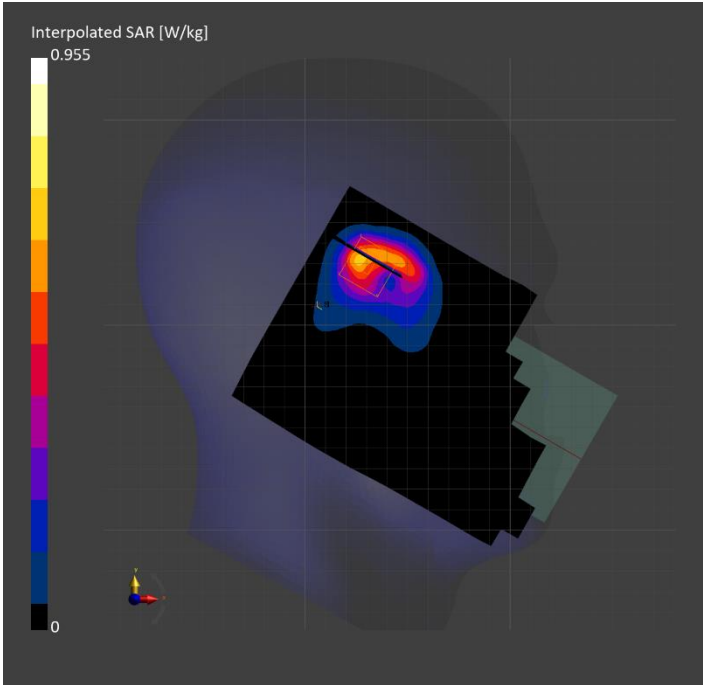
Probe Calibration Date	EX3DV4 - SN3902 2025-03-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		84.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.970, 28.7, 331.8, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.502	0.533
psSAR10g [W/Kg]	0.252	0.258
Power Drift [±0.2 dB]	N/A	0.07



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.71
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	8.17	Test Distance [mm]	5.00

Hardware Setup

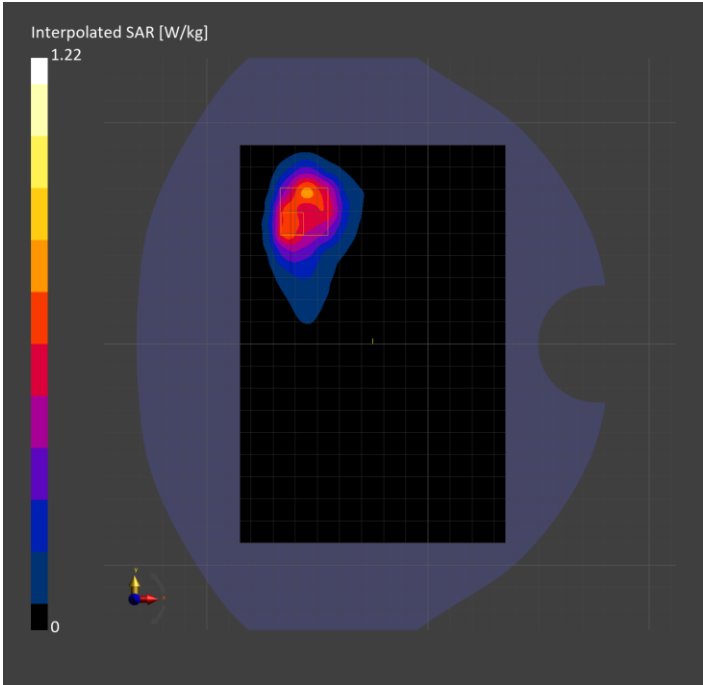
Probe Calibration Date	EX3DV4 - SN3902 2025-03-10	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		81.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.22, -61.3, 54.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.552	0.590
psSAR10g [W/Kg]	0.301	0.304
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.3
Frequency [MHz] Channel Number	5203.000 5203000	TSL Conductivity [S/m]	4.46
Group UID	CW 10035-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	5.47	Test Distance [mm]	0.00

Hardware Setup

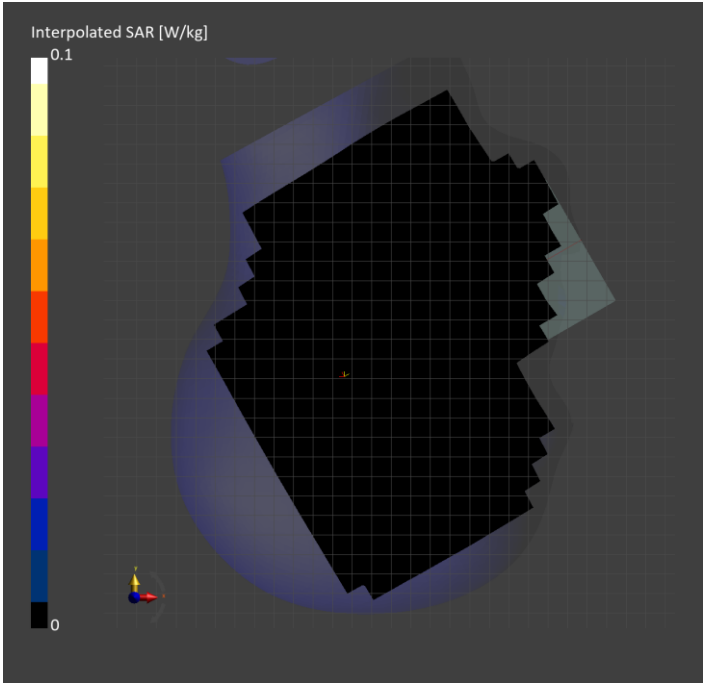
Probe Calibration Date	EX3DV4 - SN7501 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		N/A
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		N/A
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	N/A, N/A

Measurement Results

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



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	37.9
Frequency [MHz] Channel Number	5203.000 5203000	TSL Conductivity [S/m]	4.45
Group UID	CW 10035-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.47	Test Distance [mm]	5.00

Hardware Setup

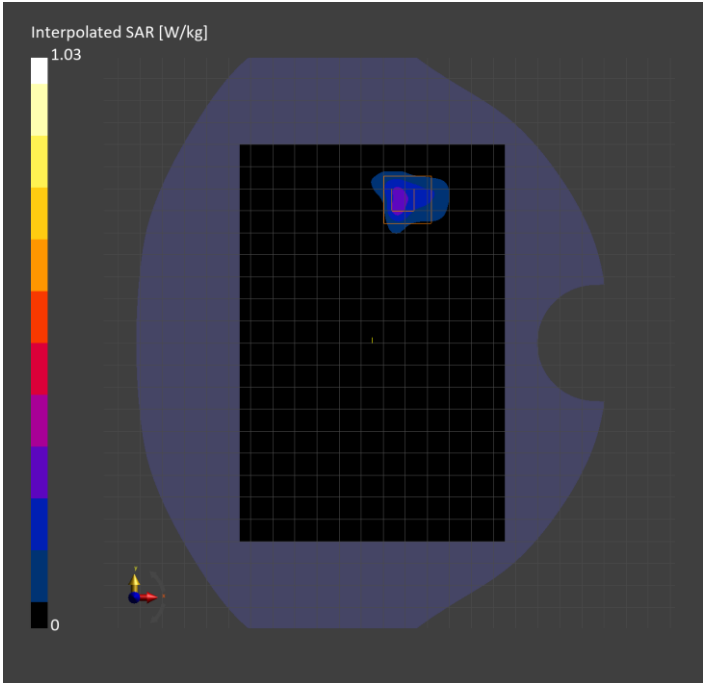
Probe Calibration Date	EX3DV4 - SN7501 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1352 2025-04-14	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		65.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.03, -11.0, 64.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.212	0.260
psSAR10g [W/Kg]	0.072	0.075
Power Drift [±0.2 dB]	N/A	0.15



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.4
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.16
Group UID	CW 10032-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	5.54	Test Distance [mm]	0.00

Hardware Setup

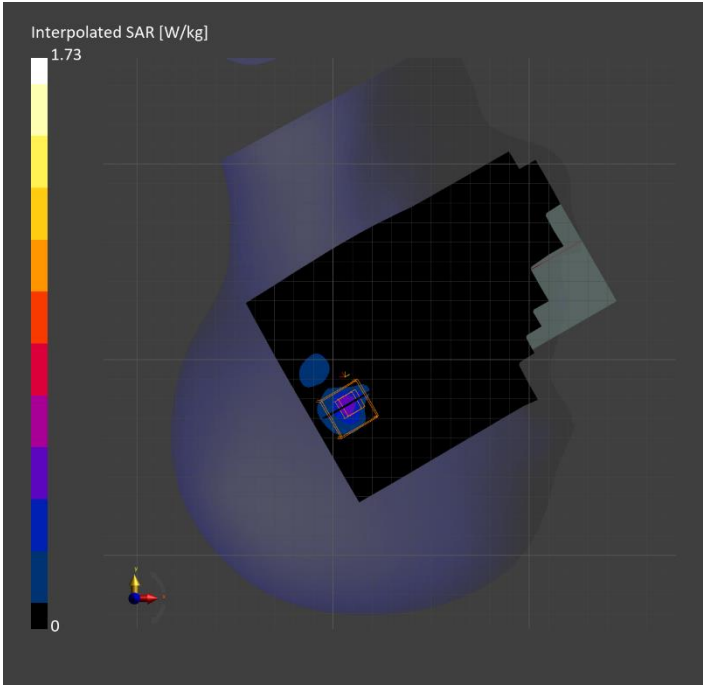
Probe Calibration Date	EX3DV4 - SN7914 2025-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1893 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.0 x 36.0 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%]		55.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.63, 9.0, -322.1, -168.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.361	0.380
psSAR10g [W/Kg]	0.109	0.105
Power Drift [±0.2 dB]	N/A	-0.10



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.6
Frequency [MHz] Channel Number	5788.000 5788000	TSL Conductivity [S/m]	5.03
Group UID	CW 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.52	Test Distance [mm]	5.00

Hardware Setup

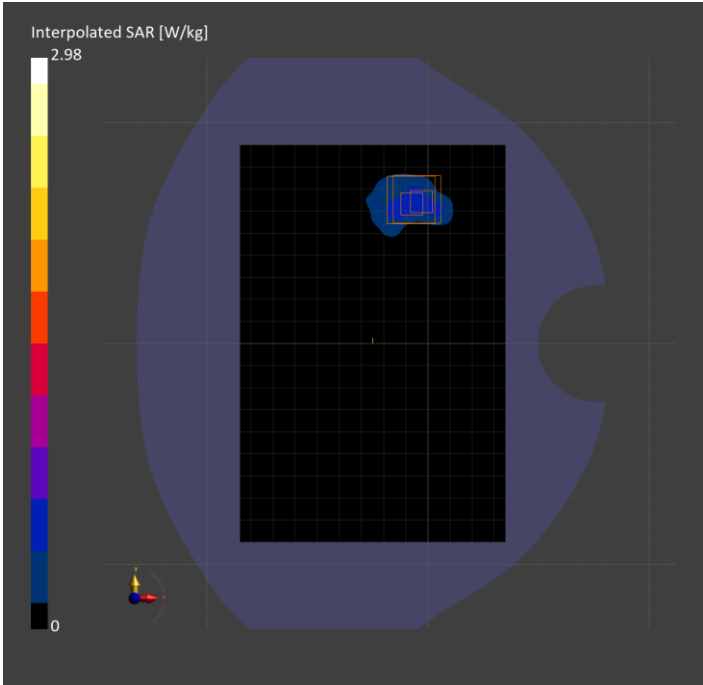
Probe Calibration Date	EX3DV4 - SN7915 2025-03-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		57.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.98, -2.9, 64.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.473	0.610
psSAR10g [W/Kg]	0.175	0.187
Power Drift [±0.2 dB]	N/A	-0.15



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.7
Frequency [MHz] Channel Number	6263.000 6263000	TSL Conductivity [S/m]	5.69
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	5.37	Test Distance [mm]	0.00

Hardware Setup

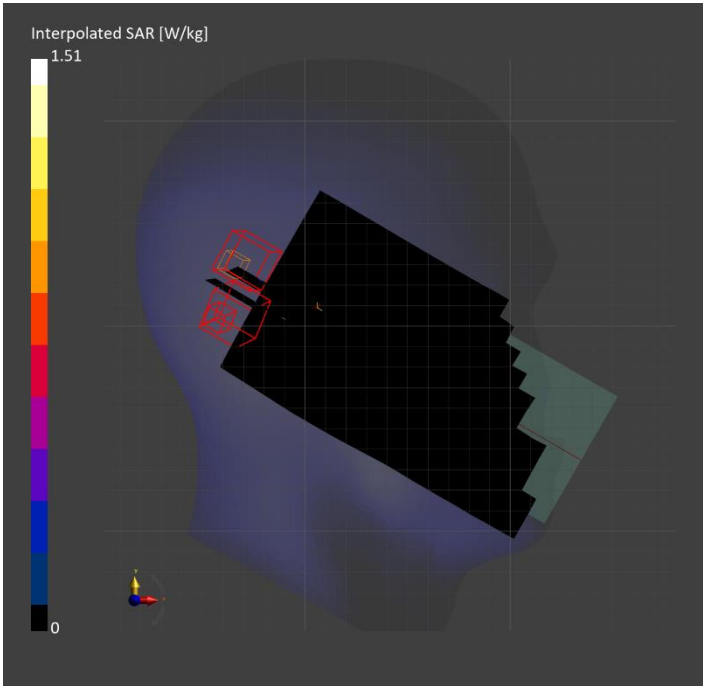
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan 1	Zoom Scan 2
Grid Extents [mm]	102.0 x 187.0	41.6 x 41.6 x 25.0	46.8 x 49.4 x 25.0
Grid Steps [mm]	8.5 x 8.5	2.6 x 2.6 x 1.2	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [> 30%]		59.2	76.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		1.2	2.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.578, -36.3, 306.2, -151.5	1.51, -29.4, 333.5, -156.9

Measurement Results

	Area Scan	Zoom Scan 1	Zoom Scan 2	APD 1	APD 2
psSAR1g [W/Kg]	0.039	0.008	0.010	N/A	N/A
psSAR8g [W/Kg]	0.012	0.004	0.006	N/A	N/A
psSAR10g [W/Kg]	0.010	0.004	0.005	N/A	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	N/A	0.085	0.113
Power Drift [±0.2 dB]	N/A	N/A	-2.64	N/A	N/A



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	35.2
Frequency [MHz] Channel Number	6263.000 6263000	TSL Conductivity [S/m]	5.66
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	5.37	Test Distance [mm]	5.00

Hardware Setup

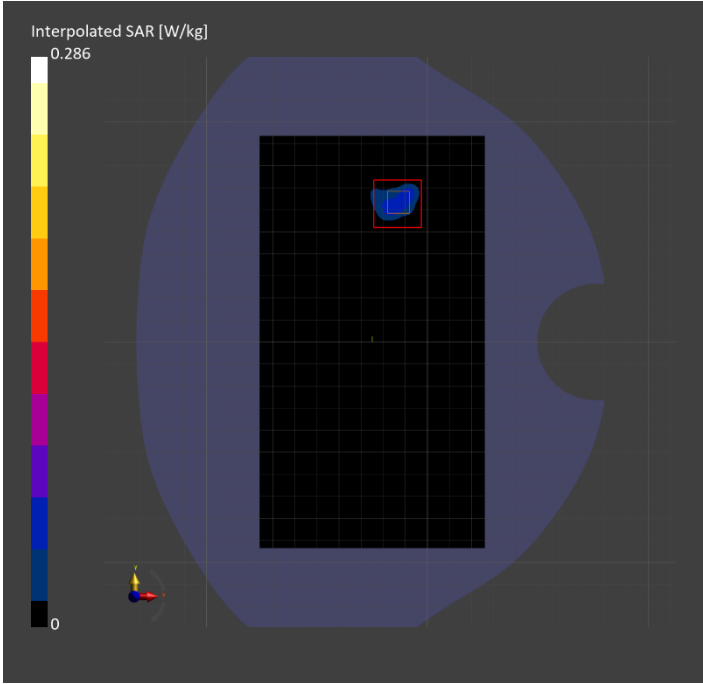
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005 16.4.0.5005 16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
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%]		44.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		3.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.286, -12.7, 62.0, -196.6

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.048	0.047	N/A
psSAR8g [W/Kg]	0.014	0.009	N/A
psSAR10g [W/Kg]	0.012	0.007	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	0.186
Power Drift [±0.2 dB]	N/A	-0.09	-0.09



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2480.000 2480000	TSL Conductivity [S/m]	1.73
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.16	Test Distance [mm]	0.00

Hardware Setup

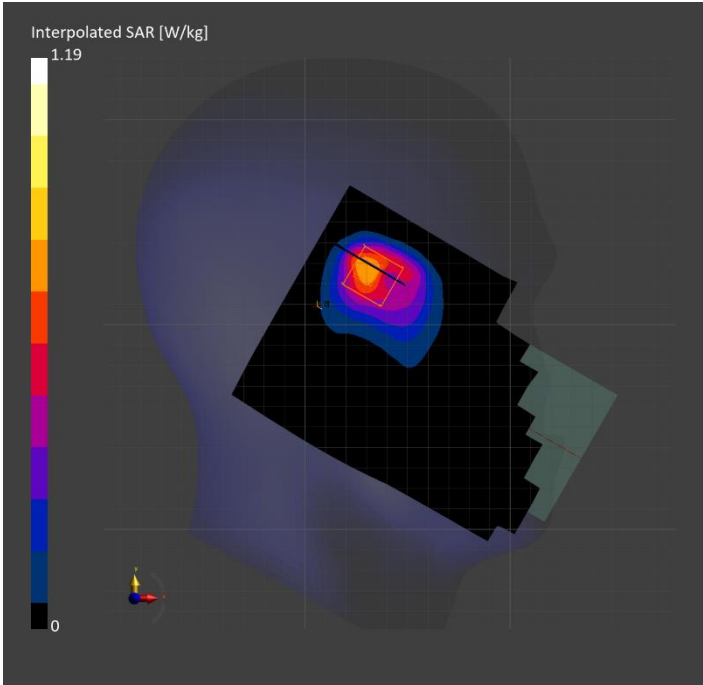
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		85.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.19, 30.1, 325.8, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.613	0.643
psSAR10g [W/Kg]	0.310	0.320
Power Drift [±0.2 dB]	N/A	-0.05



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2440.000 2440000	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

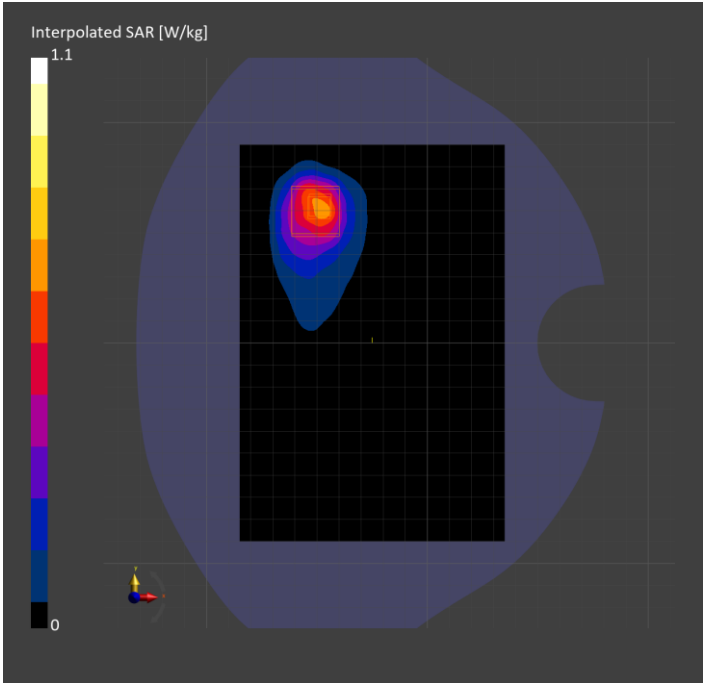
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		81.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.10, -48.6, 62.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.542	0.558
psSAR10g [W/Kg]	0.273	0.274
Power Drift [±0.2 dB]	N/A	-0.04



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.8
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	4.99
Group UID	CW 10658-AAB	Phantom Section TSL	RightHead HSL
Conversion Factor	5.54	Test Distance [mm]	0.00

Hardware Setup

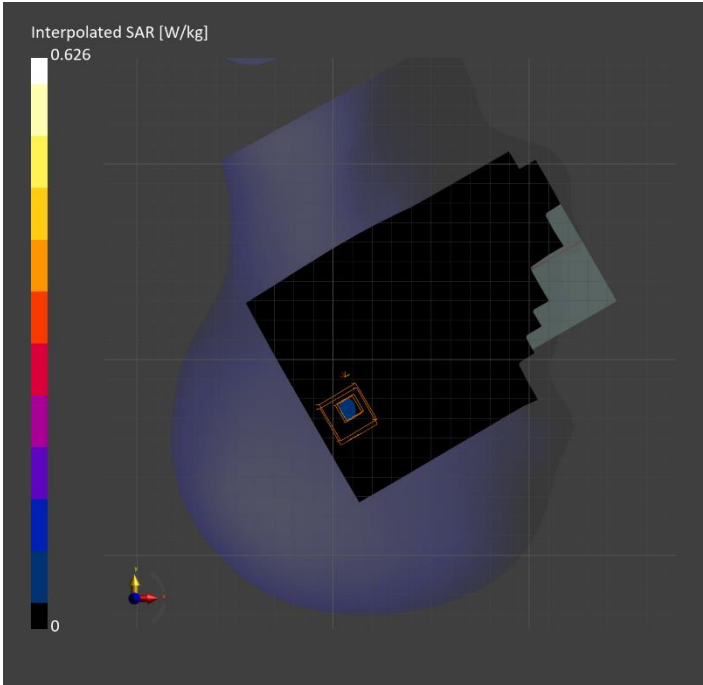
Probe Calibration Date	EX3DV4 - SN7914 2025-03-17	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1893 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.0 x 36.0 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%]		64.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.626, 8.2, -324.4, -168.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.043	0.040
psSAR10g [W/Kg]	0.013	0.008
Power Drift [±0.2 dB]	N/A	0.15



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

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.9
Frequency [MHz] Channel Number	5786.300 5786300	TSL Conductivity [S/m]	4.89
Group UID	CW 10658-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	5.52	Test Distance [mm]	5.00

Hardware Setup

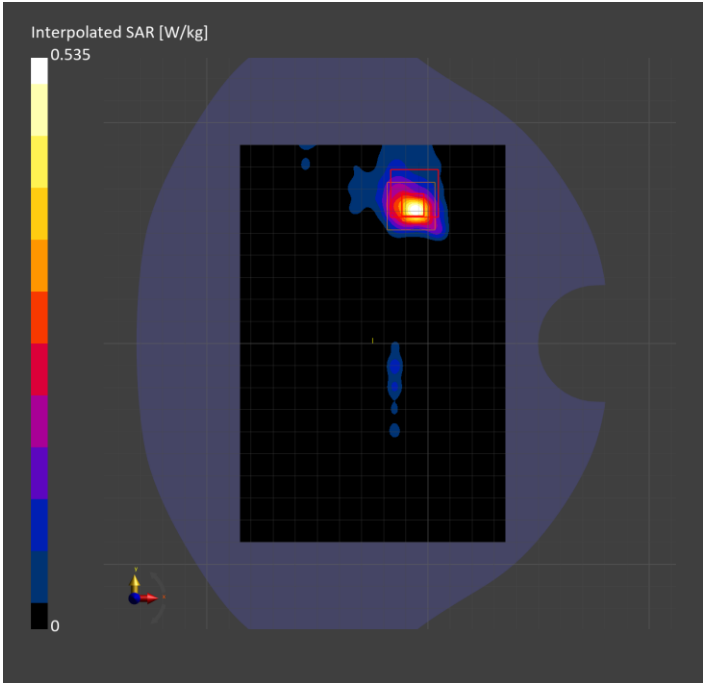
Probe Calibration Date	EX3DV4 - SN7915 2025-03-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1894 2025-03-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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%]		59.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.502, -6.8, 62.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.089	0.077
psSAR10g [W/Kg]	0.026	0.014
Power Drift [±0.2 dB]	N/A	-0.14



Custom Band: CW, FRONT

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.2
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

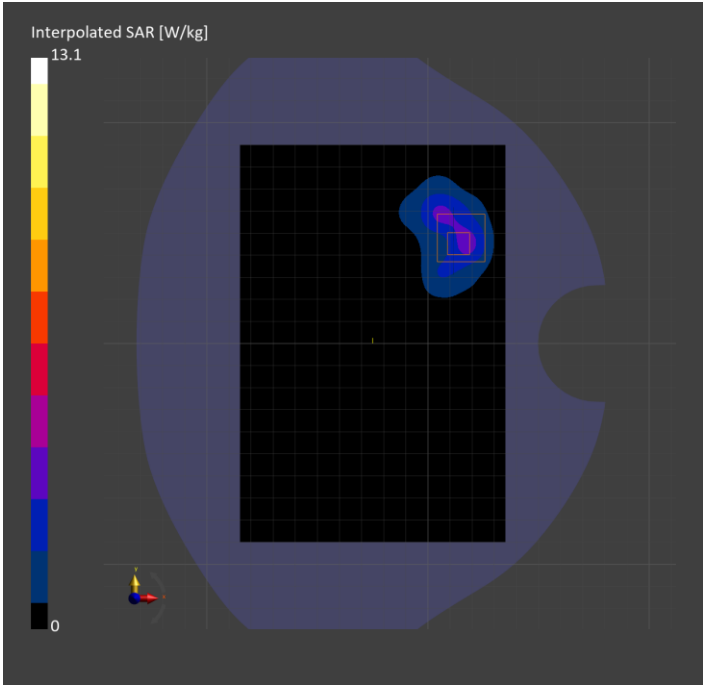
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.6 x 30.6 x 33.4
Grid Steps [mm]	15.0 x 15.0	3.4 x 3.4 x 1.4
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]		4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	13.1, 13.9, 45.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.90	4.73
psSAR10g [W/Kg]	1.65	2.04
Power Drift [±0.2 dB]	N/A	0.02



Custom Band: CW, EDGE TOP

Exposure Conditions

Band	Custom Band	TSL Permittivity	54.7
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.710
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	16.74	Test Distance [mm]	0.00

Hardware Setup

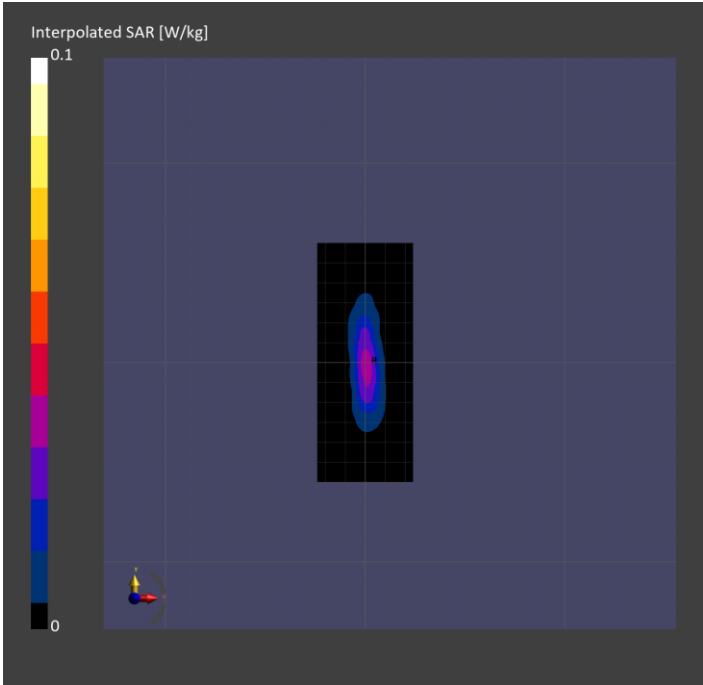
Probe Calibration Date	EX3DV4 - SN7448 2025-02-10	Phantom	ELI V5.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1377 2024-09-04	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan
Grid Extents [mm]	48.0 x 120.0
Grid Steps [mm]	8.0 x 15.0
Sensor Surface [mm]	3.0
Graded Grid	N/A

Measurement Results

	Area Scan
psSAR1g [W/Kg]	0.031
psSAR10g [W/Kg]	0.017
Power Drift [±0.2 dB]	N/A



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

Exposure Conditions

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

Hardware Setup

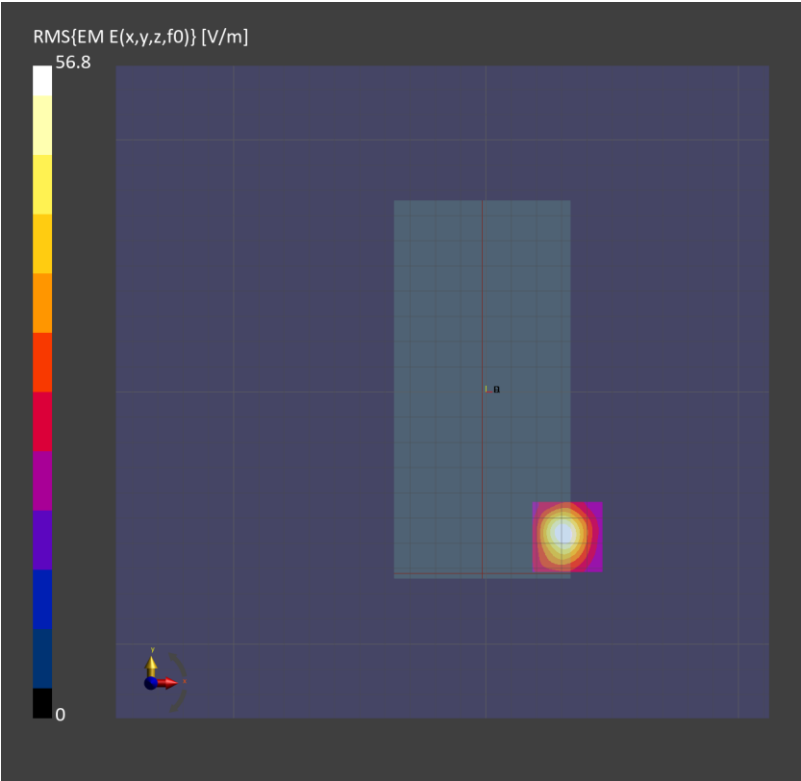
Probe Calibration Date	EUmmWV4 - SN9619_F1-55GHz 2025-03-05	Phantom	mmWave xxxx
DAE Calibration Date	DAE4 Sn1540 2025-01-08	Medium	Air -
Software Version	3.2.0.1840		

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 [cm²]	4.00
psPDn+ [W/m²]	2.83
psPDtot+ [W/m²]	3.23
psPDmod+ [W/m²]	3.68
E _{max} [V/m]	56.8
Power Drift [dB]	0.01



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	Phantom Section	5G
Frequency [MHz] Channel Number	6109.0 6109000	Conversion Factor	1.0
Group UID	CW, 0--	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 [cm²]	4.00
psPDn+ [W/m²]	0.157
psPDtot+ [W/m²]	0.170
psPDmod+ [W/m²]	0.196
E _{max} [V/m]	11.8
Power Drift [dB]	0.26

