

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.7
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.914
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.33	Test Distance [mm]	10.00

Hardware Setup

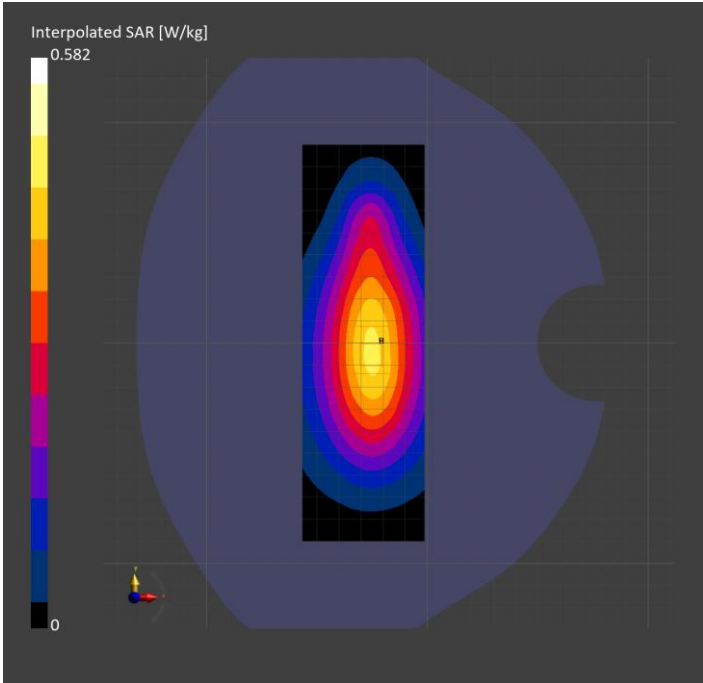
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		88.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.581, -25.5, -5.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.392	0.400
psSAR10g [W/Kg]	0.264	0.277
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.3
Frequency [MHz] Channel Number	824.200 128	TSL Conductivity [S/m]	0.912
Group UID	GSM 10024-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.48	Test Distance [mm]	0.00

Hardware Setup

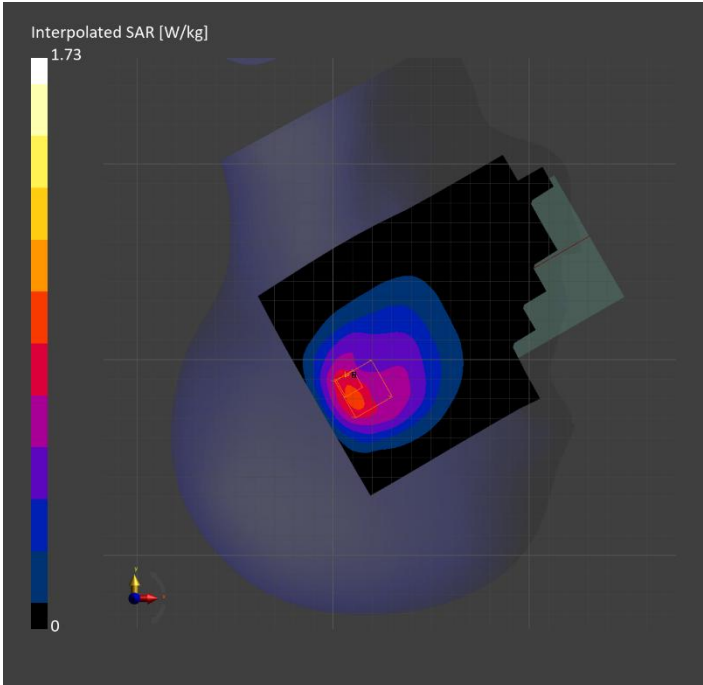
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		72.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.73, 7.6, -312.0, -168.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.771	0.751
psSAR10g [W/Kg]	0.489	0.428
Power Drift [±0.2 dB]	N/A	-0.04



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

Exposure Conditions

Band	GSM 850	TSL Permittivity	41.2
Frequency [MHz] Channel Number	836.600 190	TSL Conductivity [S/m]	0.916
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	5.00

Hardware Setup

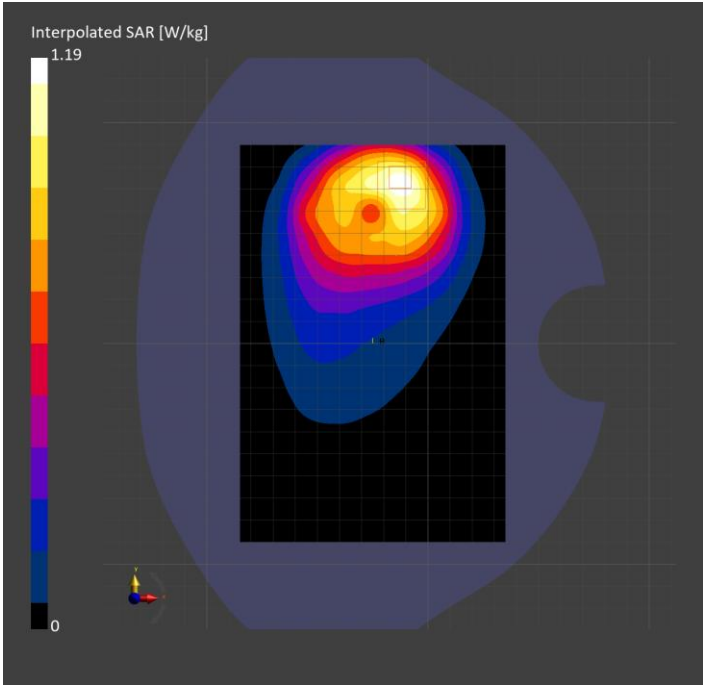
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		74.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		11.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, -12.6, 75.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.723	0.707
psSAR10g [W/Kg]	0.467	0.413
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	40.4
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.38
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	10.00

Hardware Setup

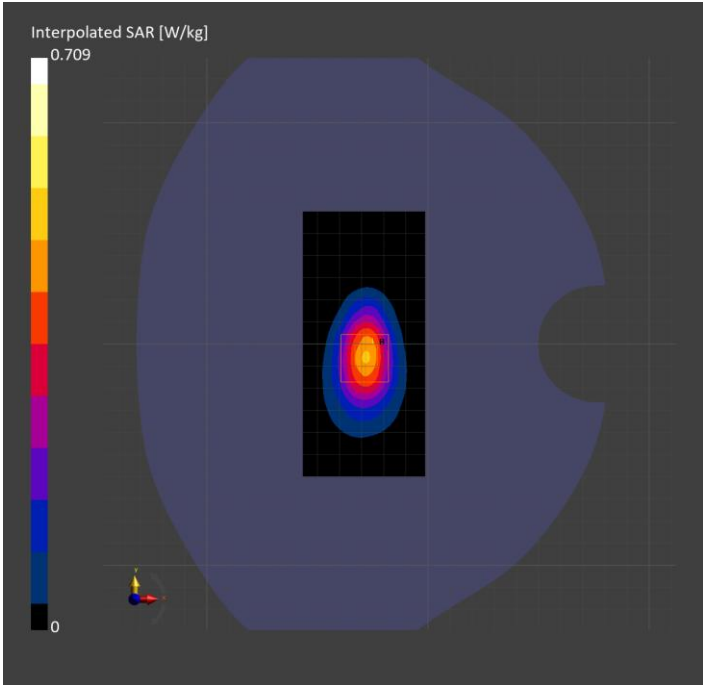
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		85.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.709, -28.0, -5.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.379	0.413
psSAR10g [W/Kg]	0.196	0.221
Power Drift [±0.2 dB]	N/A	-0.00



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	40.6
Frequency [MHz] Channel Number	1850.200 512	TSL Conductivity [S/m]	1.35
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.05	Test Distance [mm]	5.00

Hardware Setup

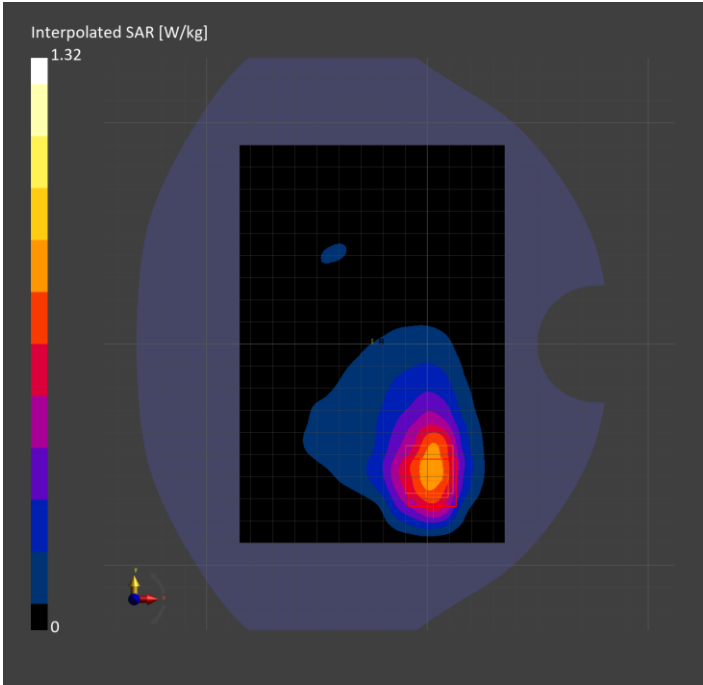
Probe Calibration Date	EX3DV4 - SN7335 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2025-05-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		80.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.32, 4.5, -64.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.707	0.684
psSAR10g [W/Kg]	0.404	0.383
Power Drift [±0.2 dB]	0.01	0.01



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.32
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.8	Test Distance [mm]	0.00

Hardware Setup

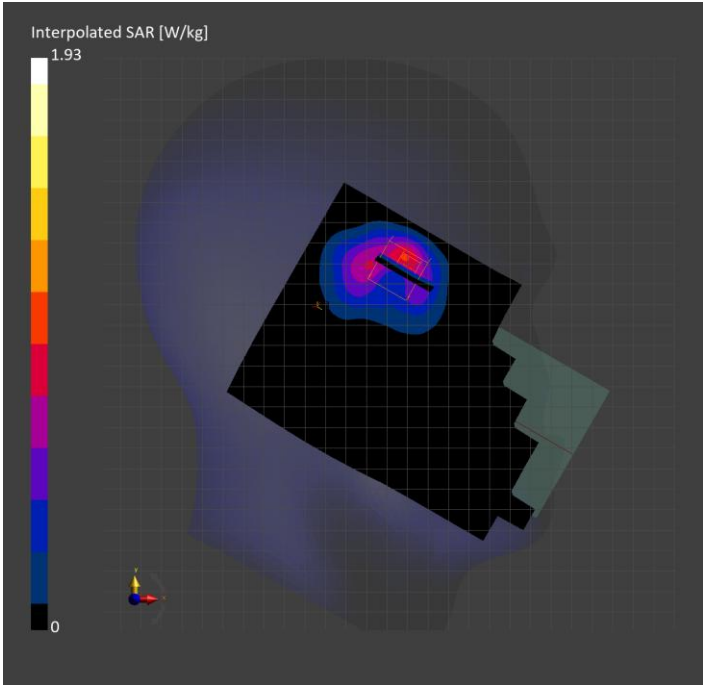
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		80.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.97, 50.3, 329.3, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.714	0.909
psSAR10g [W/Kg]	0.379	0.442
Power Drift [±0.2 dB]	N/A	-0.01



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

Exposure Conditions

Band	Band 2	TSL Permittivity	40.4
Frequency [MHz] Channel Number	1880.000 9400	TSL Conductivity [S/m]	1.38
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	10.00

Hardware Setup

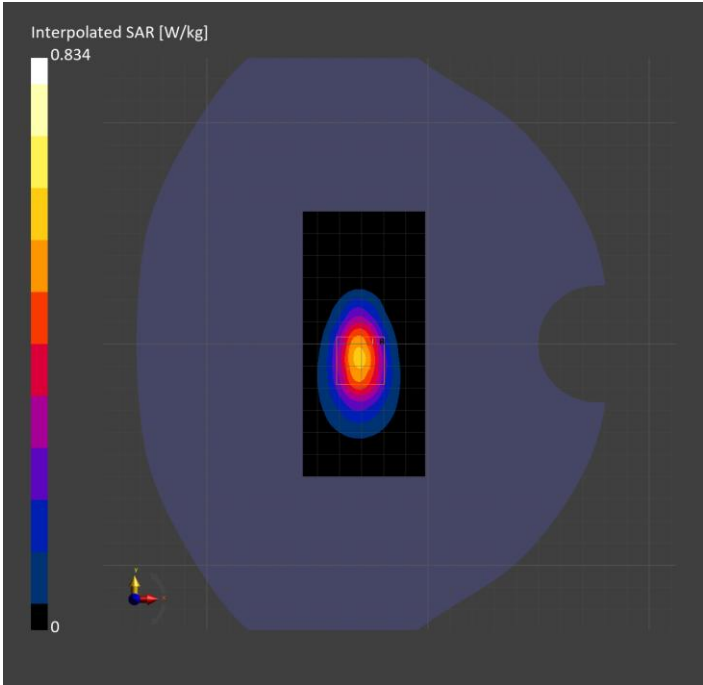
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.834, -31.1, -6.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.460	0.469
psSAR10g [W/Kg]	0.236	0.245
Power Drift [±0.2 dB]	N/A	0.00



Band 2: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 2	TSL Permittivity	42.5
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.81	Test Distance [mm]	5.00

Hardware Setup

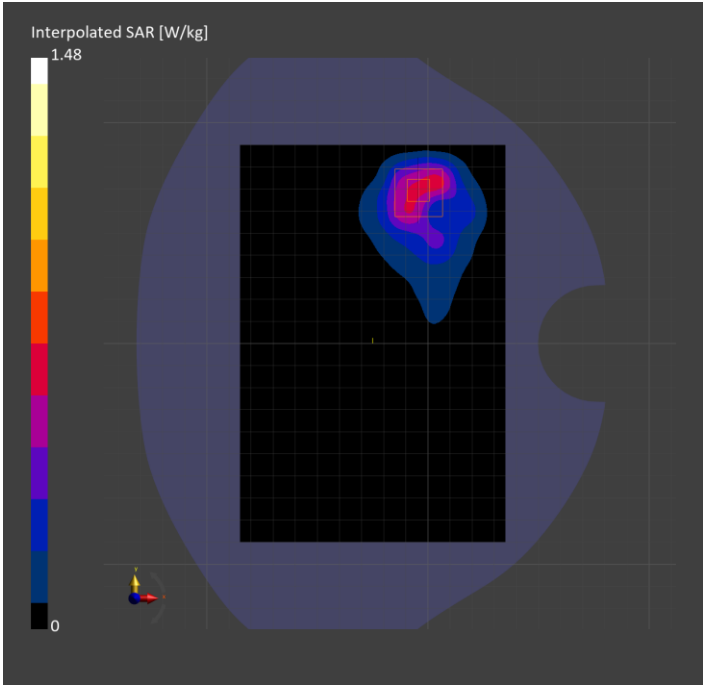
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		80.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.48, -4.3, 69.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.542	0.718
psSAR10g [W/Kg]	0.302	0.335
Power Drift [±0.2 dB]	N/A	-0.02



Band 2: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 2	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1907.600 9538	TSL Conductivity [S/m]	1.35
Group UID	WCDMA 10011-CAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.8	Test Distance [mm]	0.00

Hardware Setup

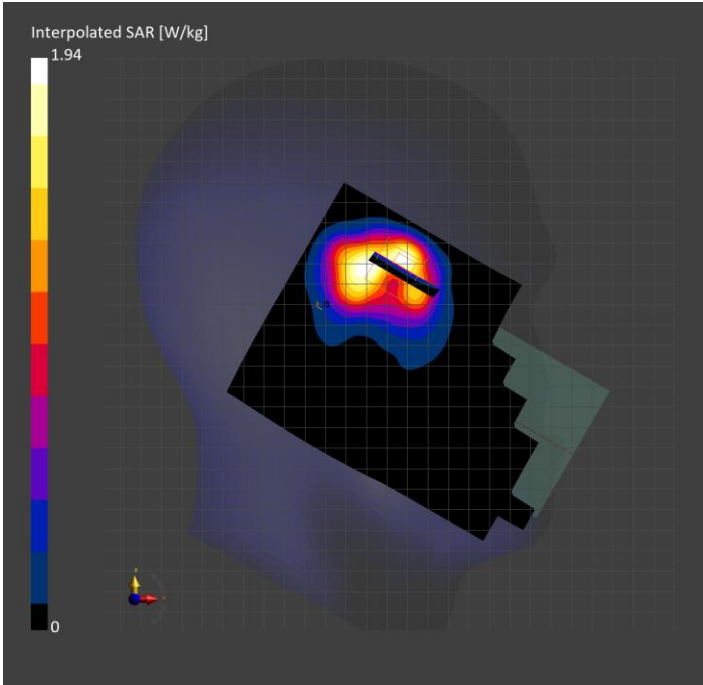
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		78.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.80, 47.0, 328.8, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.557	0.805
psSAR10g [W/Kg]	0.309	0.374
Power Drift [±0.2 dB]	N/A	-0.03



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.5
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.25
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

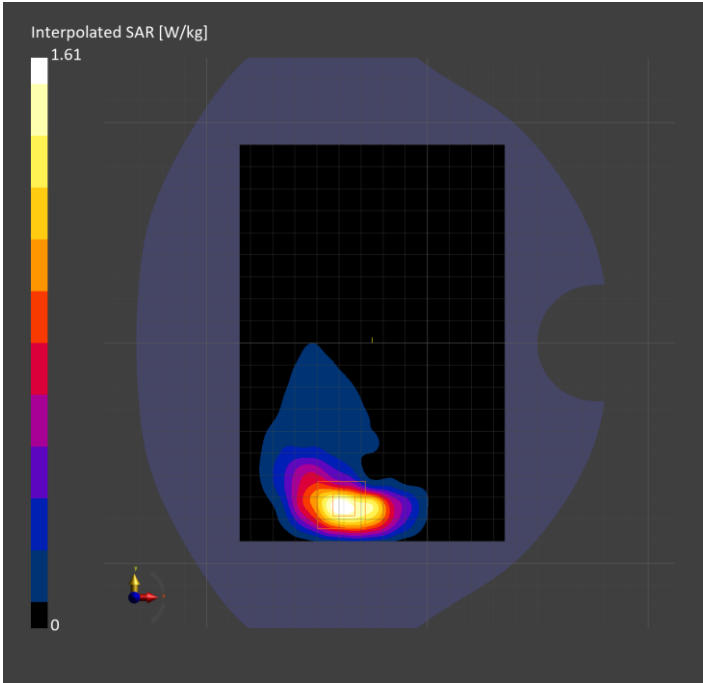
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		81.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.61, -37.8, -73.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.804	0.867
psSAR10g [W/Kg]	0.419	0.455
Power Drift [±0.2 dB]	N/A	0.01



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

Exposure Conditions

Band	Band 4	TSL Permittivity	40.7
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	8.67	Test Distance [mm]	10.00

Hardware Setup

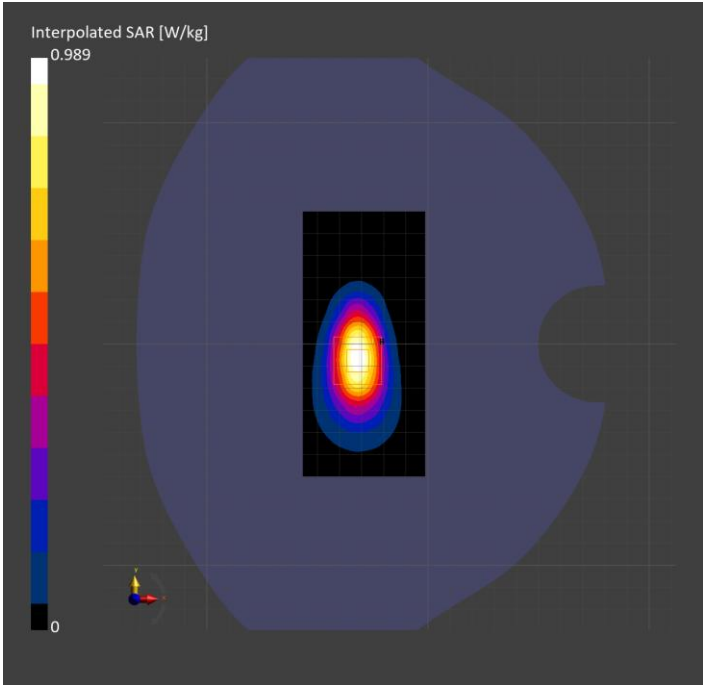
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.989, -31.8, -7.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.544	0.560
psSAR10g [W/Kg]	0.281	0.296
Power Drift [±0.2 dB]	N/A	-0.03



Band 4: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 4	TSL Permittivity	41.8
Frequency [MHz] Channel Number	1712.400 1312	TSL Conductivity [S/m]	1.26
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

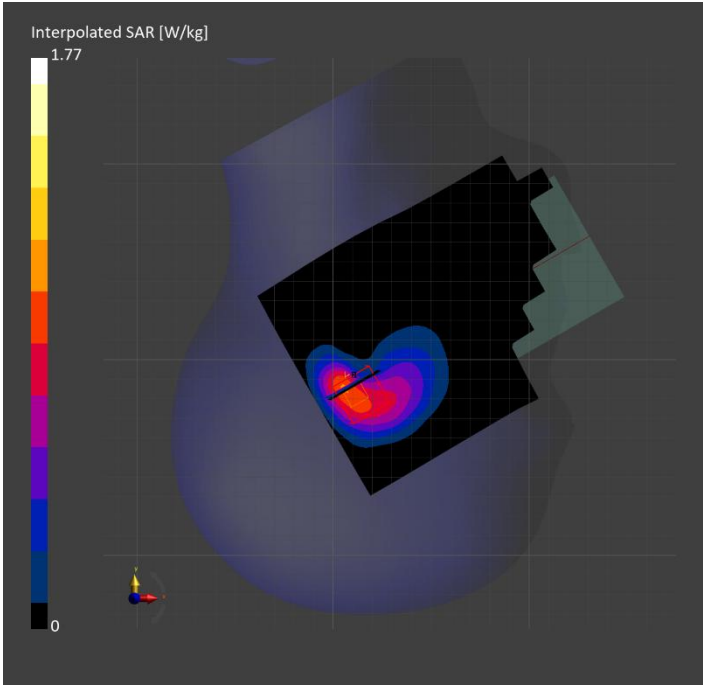
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		81.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.77, 10.8, -317.4, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.836	0.905
psSAR10g [W/Kg]	0.465	0.485
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	Band 5	TSL Permittivity	41.7
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.914
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.33	Test Distance [mm]	10.00

Hardware Setup

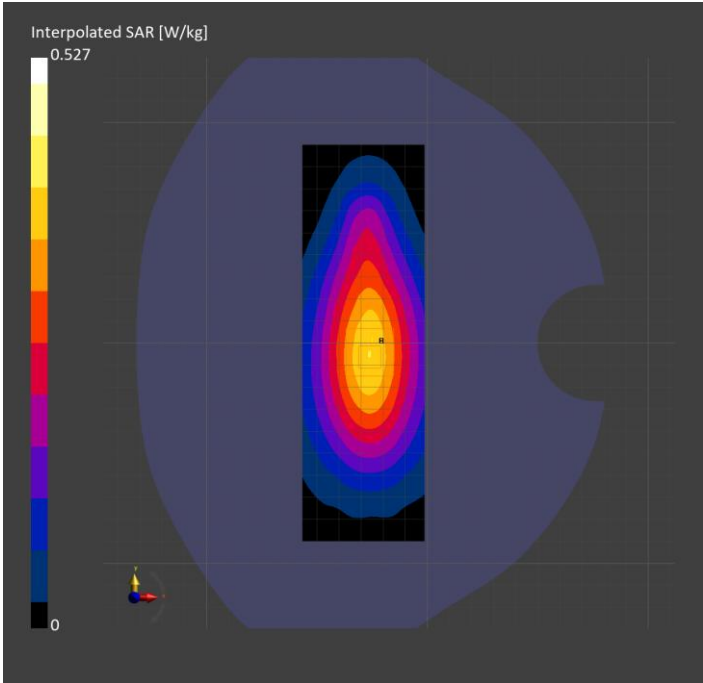
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		88.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.527, -26.1, -6.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.343	0.358
psSAR10g [W/Kg]	0.231	0.246
Power Drift [±0.2 dB]	N/A	-0.03



Band 5: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

Band	Band 5	TSL Permittivity	39.2
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.923
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.48	Test Distance [mm]	0.00

Hardware Setup

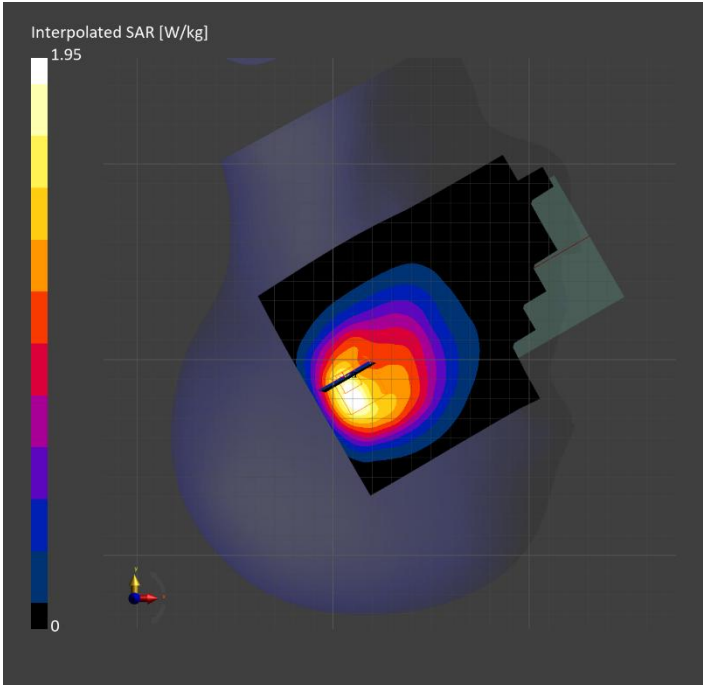
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		72.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.95, 7.4, -310.2, -168.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.836	0.835
psSAR10g [W/Kg]	0.526	0.461
Power Drift [±0.2 dB]	N/A	-0.01



Band 5: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	39.2
Frequency [MHz] Channel Number	836.600 4183	TSL Conductivity [S/m]	0.923
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	5.00

Hardware Setup

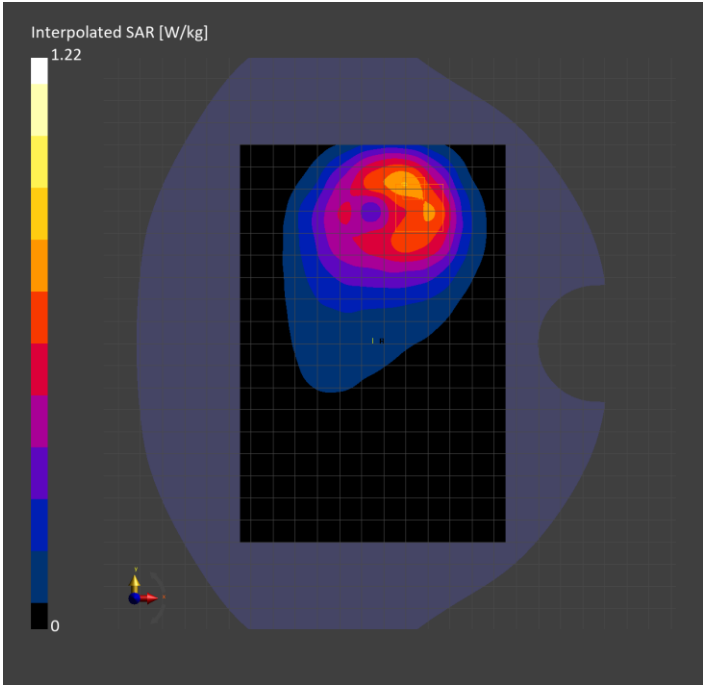
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		80.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.22, -6.4, 70.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.676	0.661
psSAR10g [W/Kg]	0.436	0.395
Power Drift [±0.2 dB]	N/A	-0.19



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 5	TSL Permittivity	45.5
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.880
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	10.00

Hardware Setup

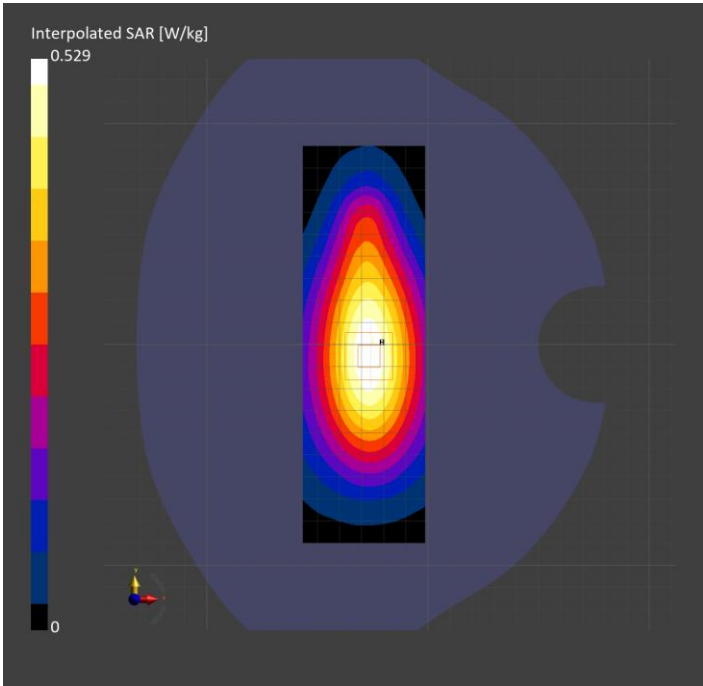
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		88.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.529, -26.7, -5.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.348	0.362
psSAR10g [W/Kg]	0.235	0.250
Power Drift [±0.2 dB]	N/A	0.02



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

Exposure Conditions

Band	Band 5	TSL Permittivity	42.8
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.879
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.48	Test Distance [mm]	0.00

Hardware Setup

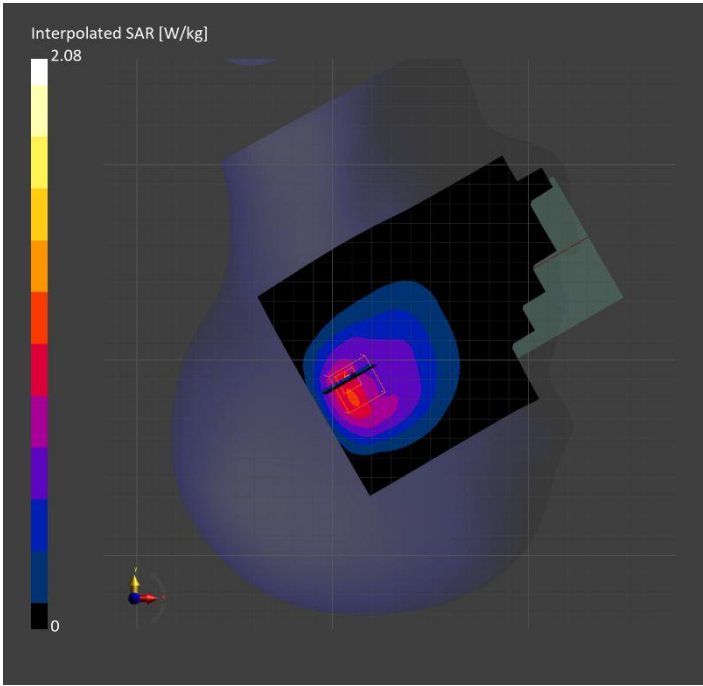
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		72.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.08, 7.4, -310.2, -168.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.896	0.882
psSAR10g [W/Kg]	0.567	0.483
Power Drift [±0.2 dB]	N/A	0.01



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 5	TSL Permittivity	42.8
Frequency [MHz] Channel Number	836.500 20525	TSL Conductivity [S/m]	0.879
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	5.00

Hardware Setup

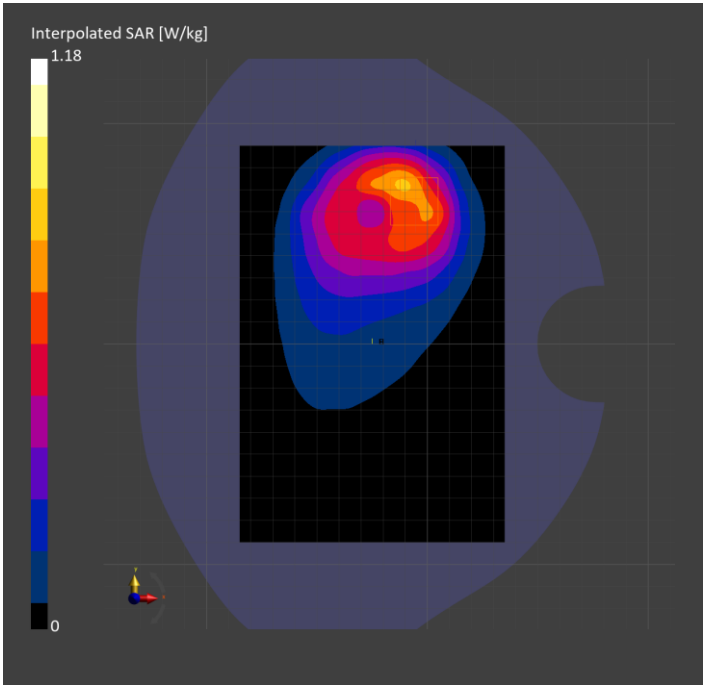
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		82.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.18, -7.4, 70.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.677	0.645
psSAR10g [W/Kg]	0.438	0.385
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 7	TSL Permittivity	41.2
Frequency [MHz] Channel Number	2510.000 20850	TSL Conductivity [S/m]	1.74
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

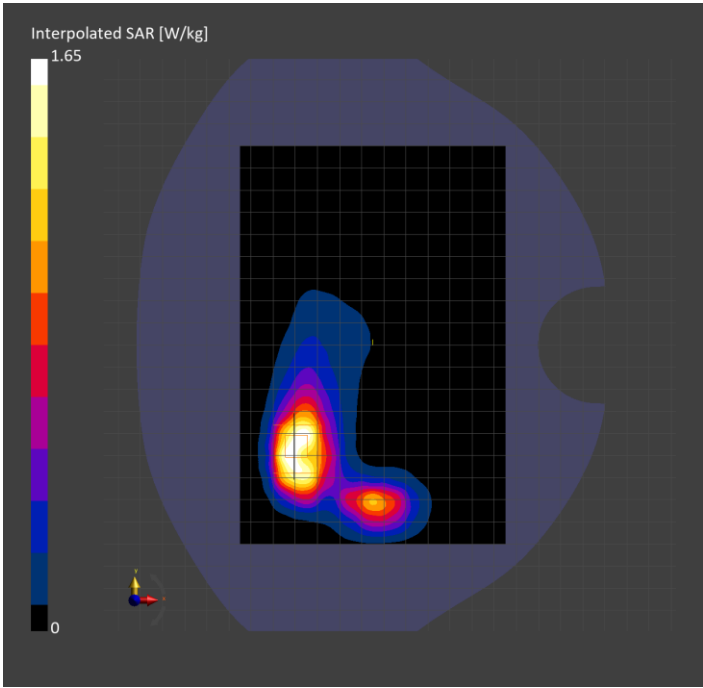
Probe Calibration Date	EX3DV4 - SN7810 2025-05-08	Phantom	Twin-SAM V4.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1434 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		82.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.65, -59.5, -45.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.712	0.798
psSAR10g [W/Kg]	0.371	0.366
Power Drift [±0.2 dB]	N/A	0.00



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 7	TSL Permittivity	42.3
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.79
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.84	Test Distance [mm]	0.00

Hardware Setup

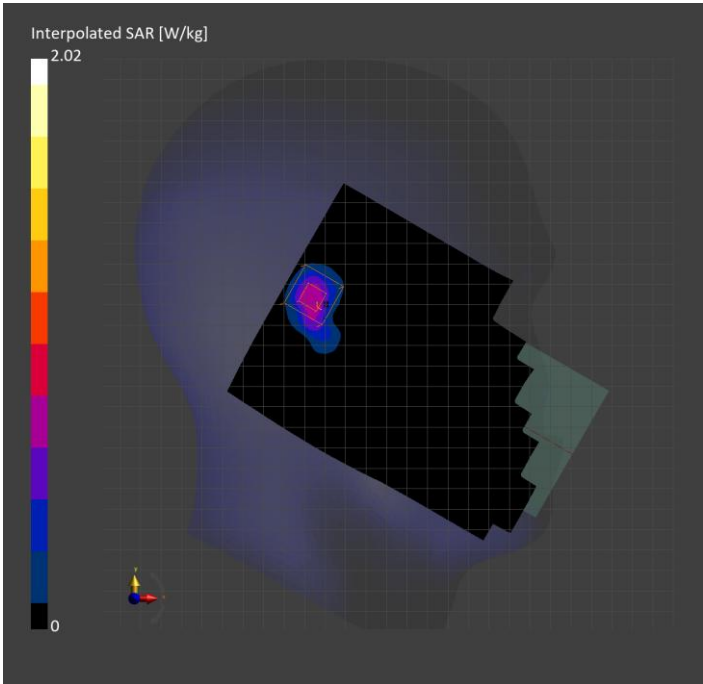
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		75.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.01, 3.2, 313.4, -167.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.634	0.804
psSAR10g [W/Kg]	0.283	0.287
Power Drift [±0.2 dB]	N/A	-0.02



Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 7	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2535.000 21100	TSL Conductivity [S/m]	1.79
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	10.00

Hardware Setup

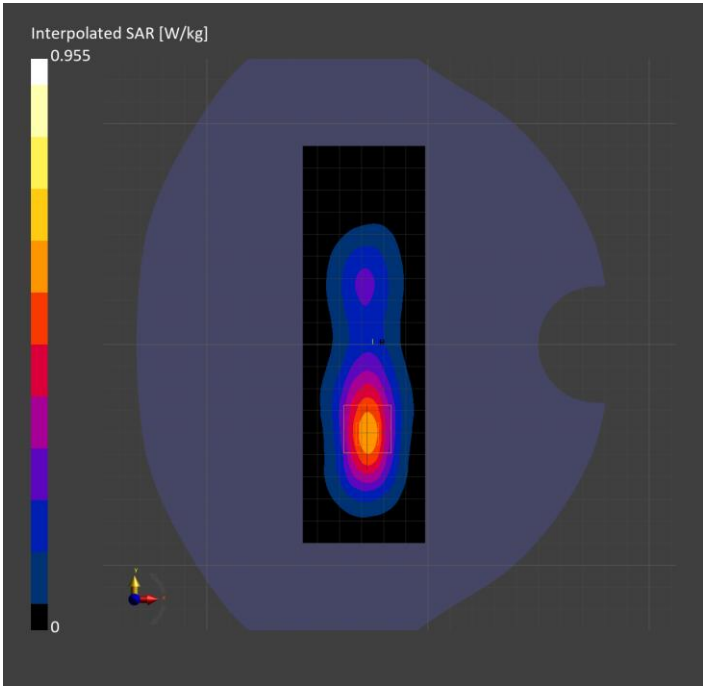
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.955, -27.4, -40.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.486	0.506
psSAR10g [W/Kg]	0.241	0.254
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 12	TSL Permittivity	43.7
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.812
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

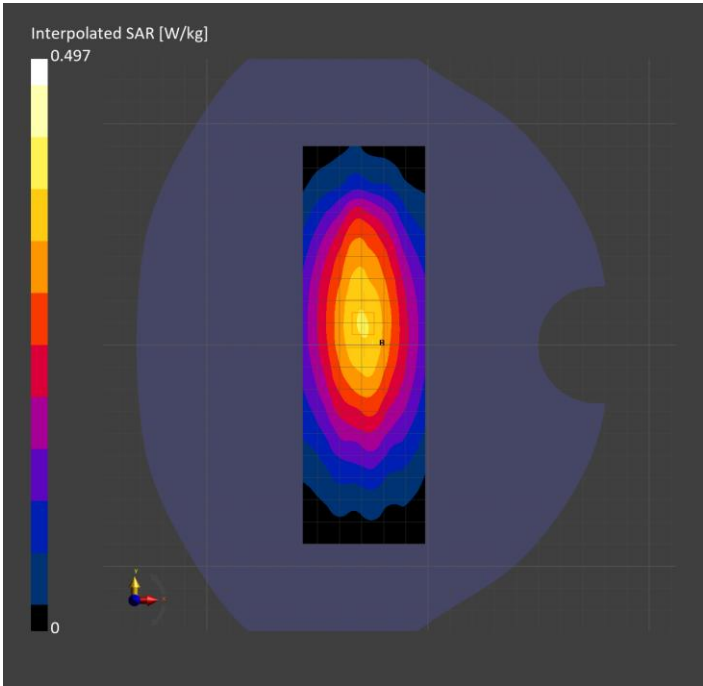
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		89.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.497, -29.3, 9.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.330	0.344
psSAR10g [W/Kg]	0.228	0.248
Power Drift [±0.2 dB]	N/A	-0.02



Exposure Conditions

Band	Band 12	TSL Permittivity	42.9
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.837
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

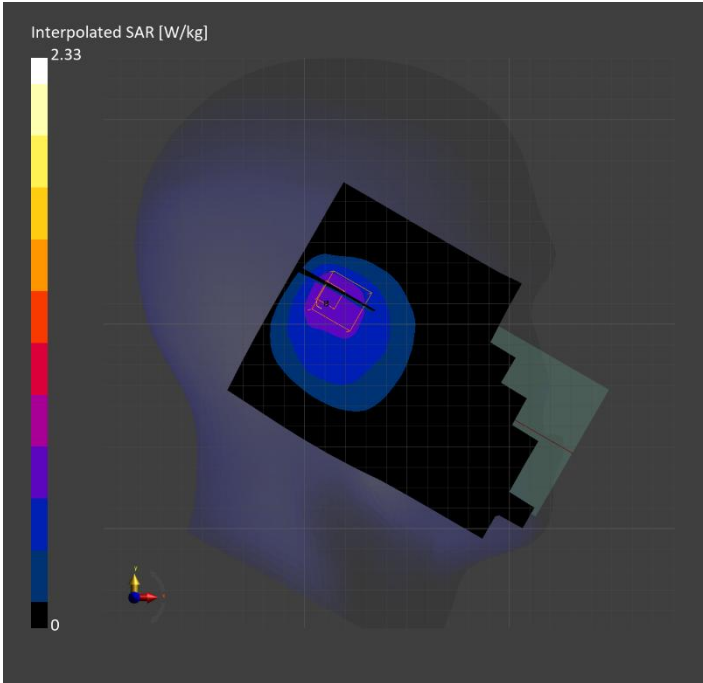
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		64.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.33, 12.1, 314.1, -169.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.650	0.826
psSAR10g [W/Kg]	0.440	0.439
Power Drift [±0.2 dB]	N/A	0.01



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 12	TSL Permittivity	42.6
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.821
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.81	Test Distance [mm]	5.00

Hardware Setup

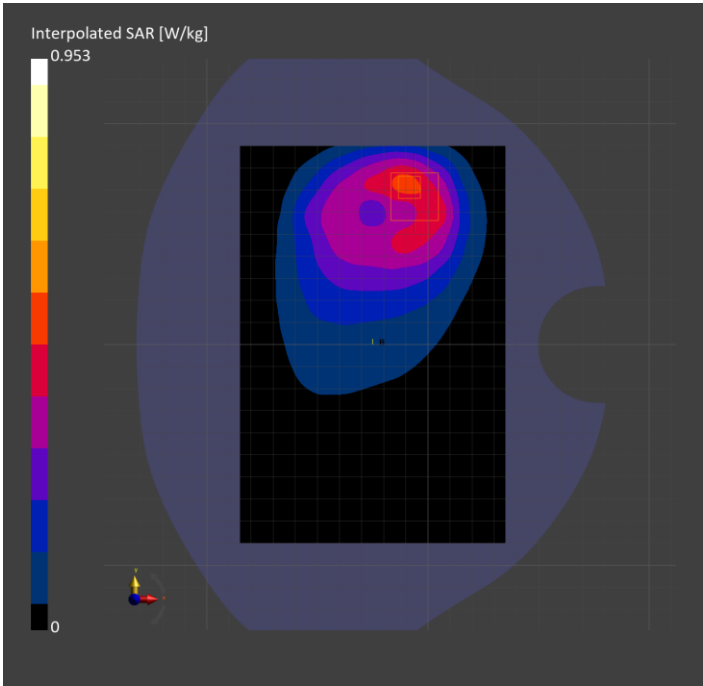
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 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%]		75.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		11.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.953, -8.4, 71.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.433	0.452
psSAR10g [W/Kg]	0.283	0.253
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 13	TSL Permittivity	41.6
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.924
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

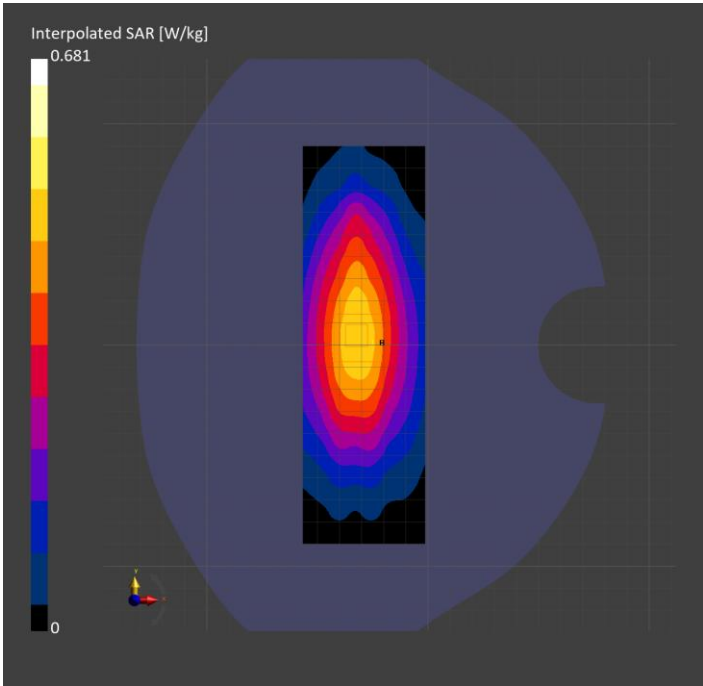
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		90.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.681, -32.3, 4.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.445	0.463
psSAR10g [W/Kg]	0.303	0.323
Power Drift [±0.2 dB]	N/A	0.03



Band 13: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 13	TSL Permittivity	41.9
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.914
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

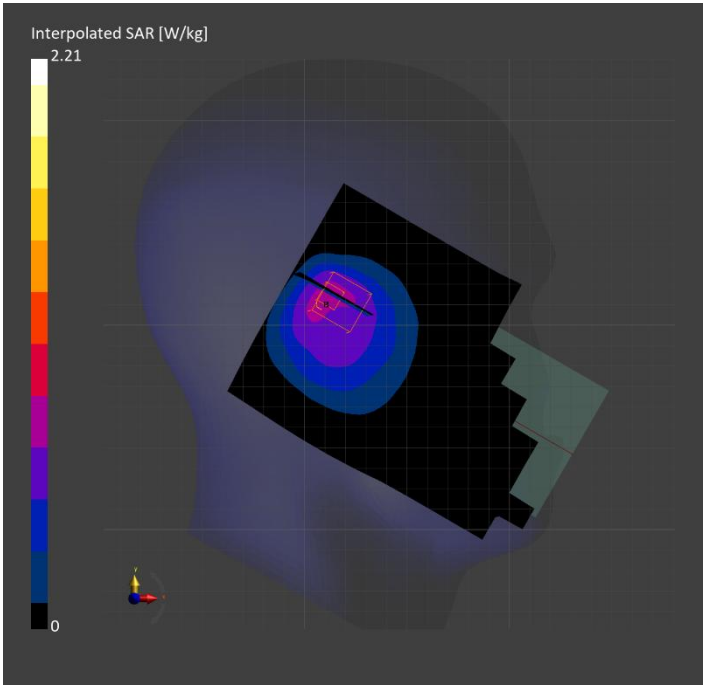
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		67.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.21, 12.1, 314.1, -169.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.717	0.856
psSAR10g [W/Kg]	0.482	0.469
Power Drift [±0.2 dB]	N/A	-0.01



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

AntennaCfg:SISO, FRONT

Exposure Conditions

Band	Band 13	TSL Permittivity	44.4
Frequency [MHz] Channel Number	782.000 23230	TSL Conductivity [S/m]	0.842
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.81	Test Distance [mm]	5.00

Hardware Setup

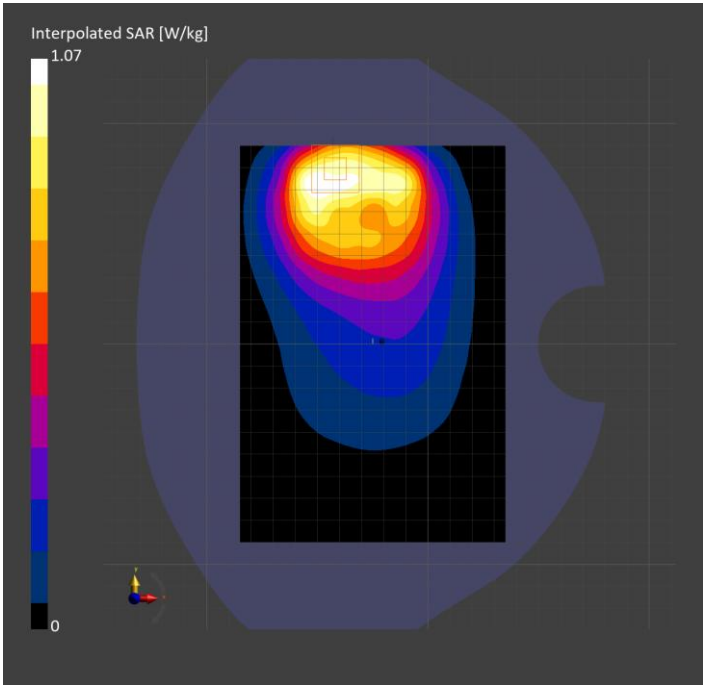
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	48.0 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%]		81.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.05, -41.9, 79.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.538	0.549
psSAR10g [W/Kg]	0.360	0.303
Power Drift [±0.2 dB]	N/A	-0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 14	TSL Permittivity	43.4
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.875
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

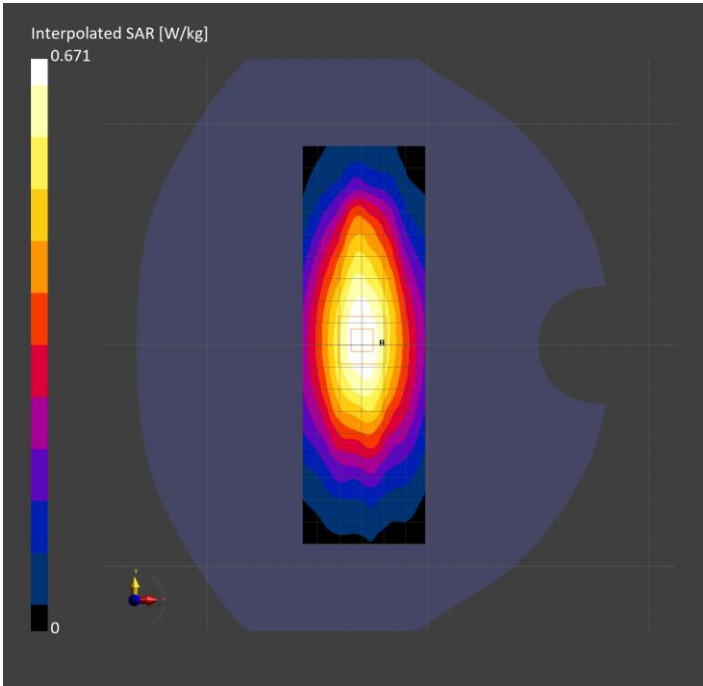
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		90.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.671, -29.8, 2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.447	0.465
psSAR10g [W/Kg]	0.304	0.329
Power Drift [±0.2 dB]	N/A	-0.05



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 14	TSL Permittivity	42.5
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.863
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

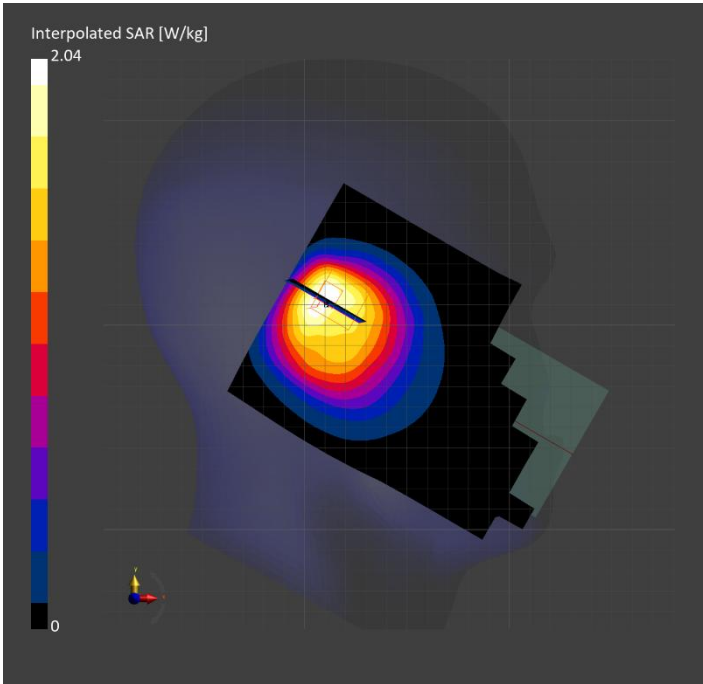
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		70.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.04, 11.3, 314.8, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.820	0.889
psSAR10g [W/Kg]	0.545	0.511
Power Drift [±0.2 dB]	N/A	0.00



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 14	TSL Permittivity	44.3
Frequency [MHz] Channel Number	793.000 23330	TSL Conductivity [S/m]	0.846
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.81	Test Distance [mm]	5.00

Hardware Setup

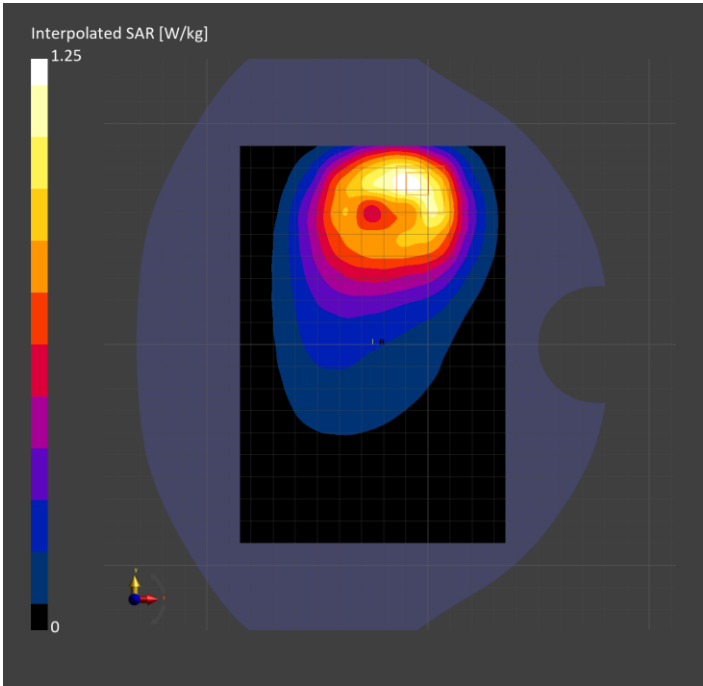
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.30, -3.6, 71.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.639	0.658
psSAR10g [W/Kg]	0.408	0.372
Power Drift [±0.2 dB]	N/A	-0.05



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 25	TSL Permittivity	40.4
Frequency [MHz] Channel Number	1882.500 26365	TSL Conductivity [S/m]	1.38
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	10.00

Hardware Setup

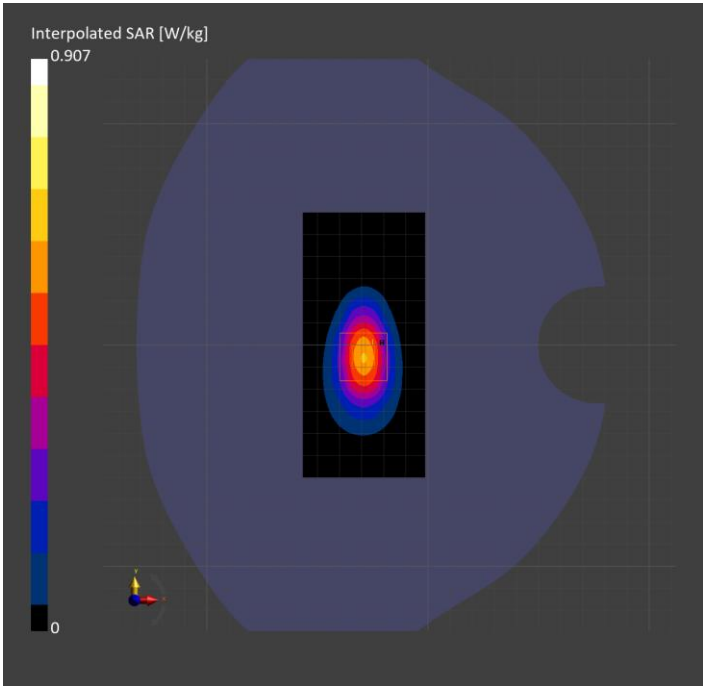
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.907, -29.2, -5.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.480	0.512
psSAR10g [W/Kg]	0.246	0.272
Power Drift [±0.2 dB]	N/A	0.02



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 25	TSL Permittivity	42.5
Frequency [MHz] Channel Number	1905.000 26590	TSL Conductivity [S/m]	1.36
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	RightHead HSL
Conversion Factor	7.81	Test Distance [mm]	0.00

Hardware Setup

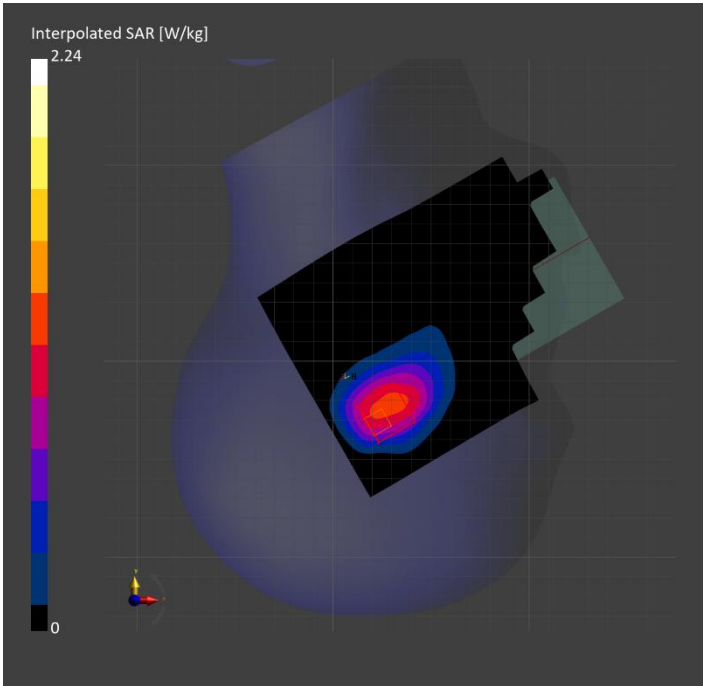
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 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%]		74.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.24, 22.6, -331.5, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.00	0.939
psSAR10g [W/Kg]	0.590	0.550
Power Drift [±0.2 dB]	N/A	-0.03



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 25	TSL Permittivity	42.6
Frequency [MHz] Channel Number	1860.000 26140	TSL Conductivity [S/m]	1.32
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	7.81	Test Distance [mm]	5.00

Hardware Setup

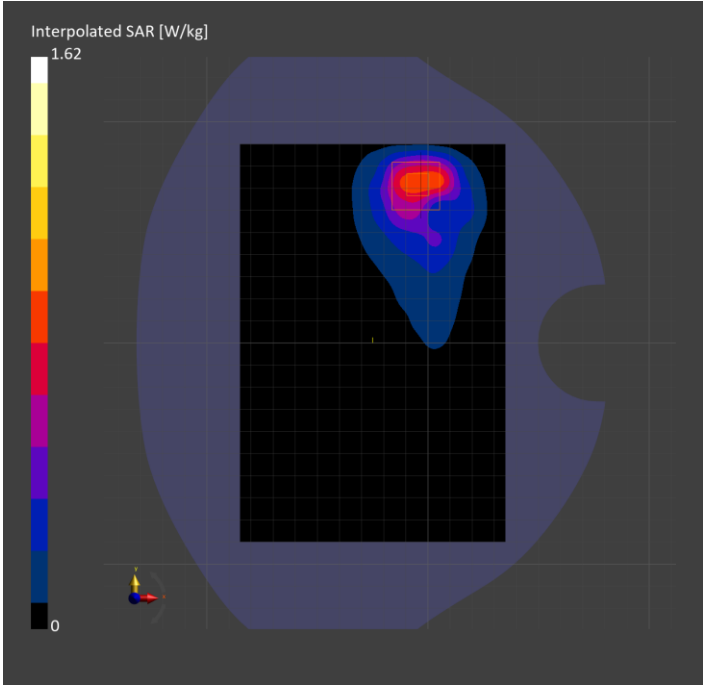
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		81.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.62, -4.6, 71.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.744	0.837
psSAR10g [W/Kg]	0.403	0.411
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 26	TSL Permittivity	39.2
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.922
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	10.00

Hardware Setup

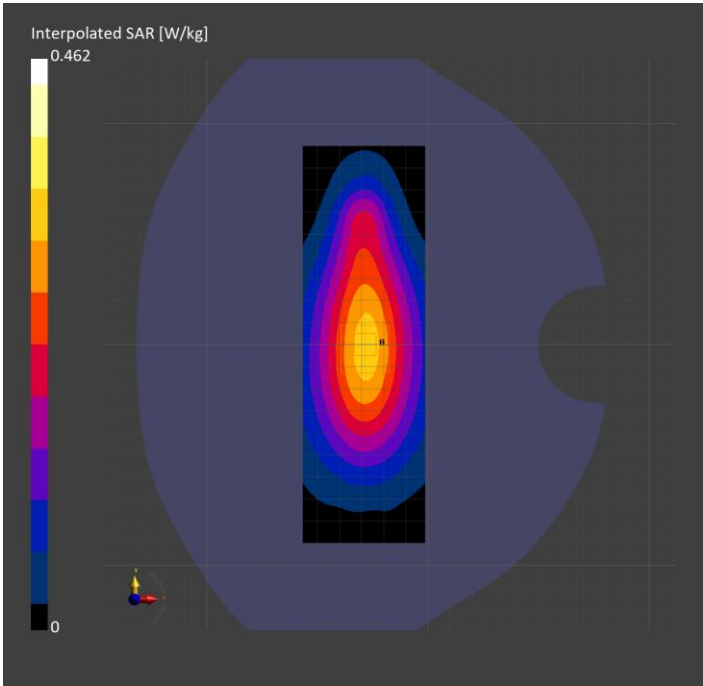
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		87.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.462, -28.4, 0.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.286	0.310
psSAR10g [W/Kg]	0.193	0.212
Power Drift [±0.2 dB]	N/A	-0.06



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 26	TSL Permittivity	45.5
Frequency [MHz] Channel Number	844.000 26990	TSL Conductivity [S/m]	0.883
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	8.48	Test Distance [mm]	0.00

Hardware Setup

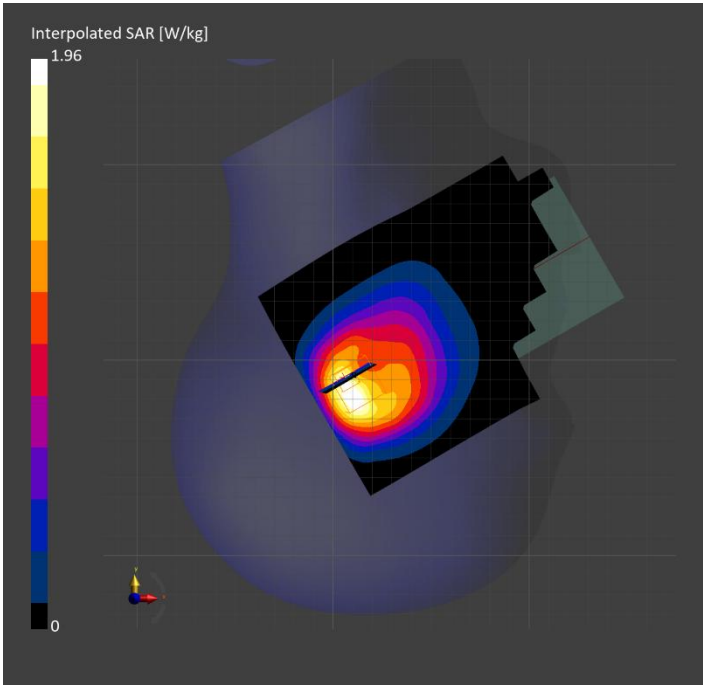
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		71.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.96, 6.3, -309.2, -168.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.876	0.844
psSAR10g [W/Kg]	0.551	0.472
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 26	TSL Permittivity	39.2
Frequency [MHz] Channel Number	831.500 26865	TSL Conductivity [S/m]	0.922
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	5.00

Hardware Setup

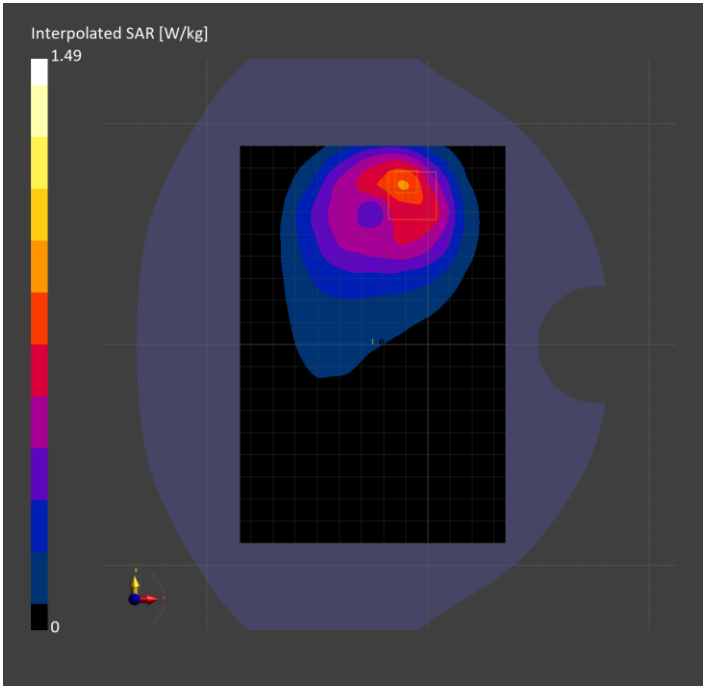
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	48.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		11.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, -9.8, 73.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.739	0.733
psSAR10g [W/Kg]	0.474	0.421
Power Drift [±0.2 dB]	N/A	-0.10



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

Exposure Conditions

Band	Band 30	TSL Permittivity	42.8
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.64
Group UID	LTE-FDD 10108-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

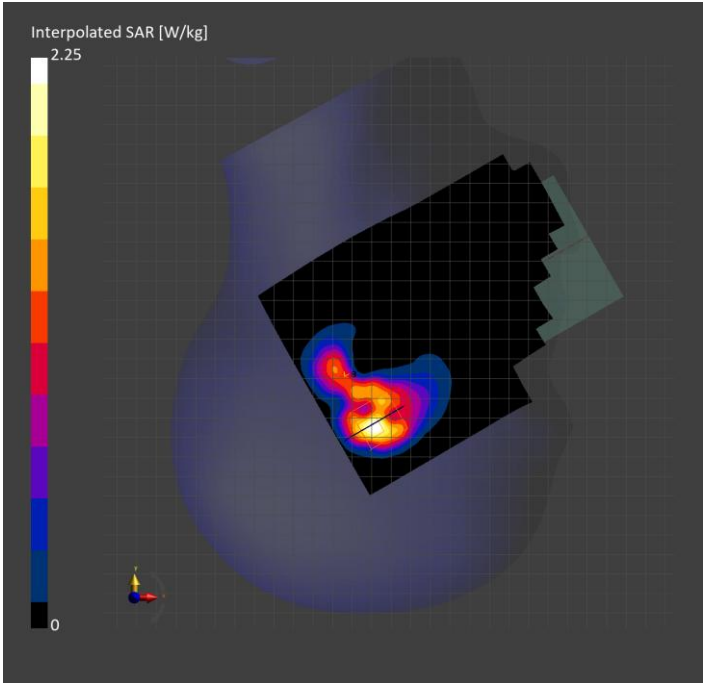
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.4 x 34.4 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.25, 19.2, -335.4, -169.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.796	0.866
psSAR10g [W/Kg]	0.380	0.362
Power Drift [±0.2 dB]	N/A	0.06



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 30	TSL Permittivity	42.7
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.62
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	5.00

Hardware Setup

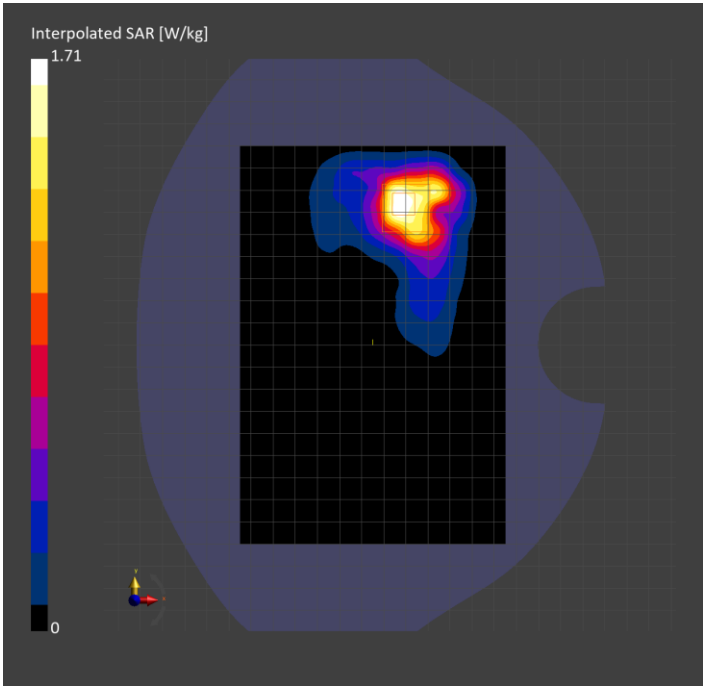
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		78.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.71, -11.0, 63.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.675	0.772
psSAR10g [W/Kg]	0.352	0.347
Power Drift [±0.2 dB]	N/A	0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 30	TSL Permittivity	38.1
Frequency [MHz] Channel Number	2310.000 27710	TSL Conductivity [S/m]	1.62
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	6.75	Test Distance [mm]	10.00

Hardware Setup

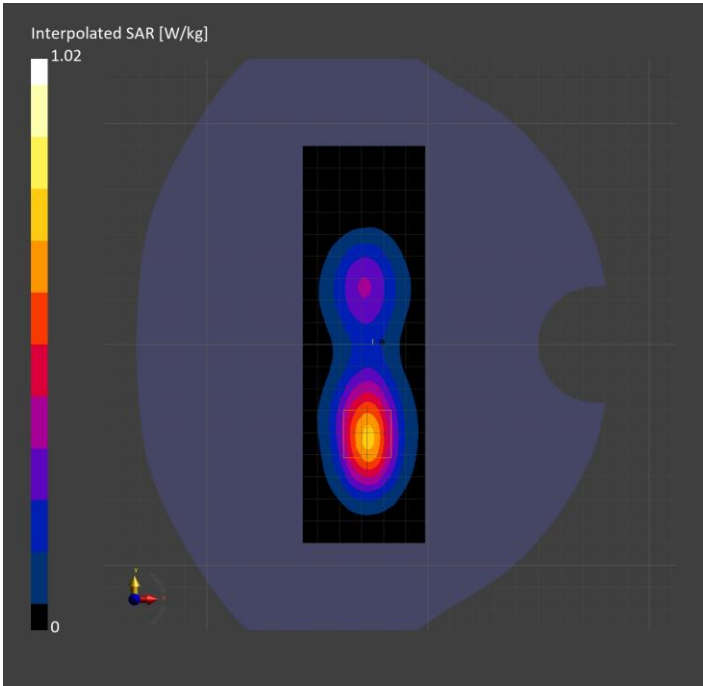
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.02, -27.6, -42.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.563	0.575
psSAR10g [W/Kg]	0.290	0.302
Power Drift [±0.2 dB]	N/A	-0.00



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

RBPosition:Mid AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 41	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.88
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.58	Test Distance [mm]	0.00

Hardware Setup

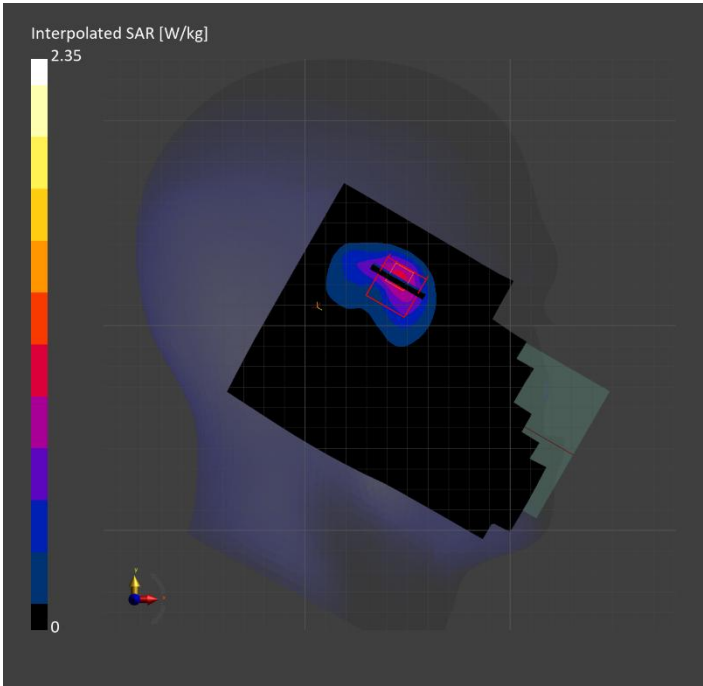
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		72.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.35, 46.5, 324.4, -170.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.814	0.901
psSAR10g [W/Kg]	0.385	0.409
Power Drift [±0.2 dB]	N/A	-0.02



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

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 41	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.84
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	5.00

Hardware Setup

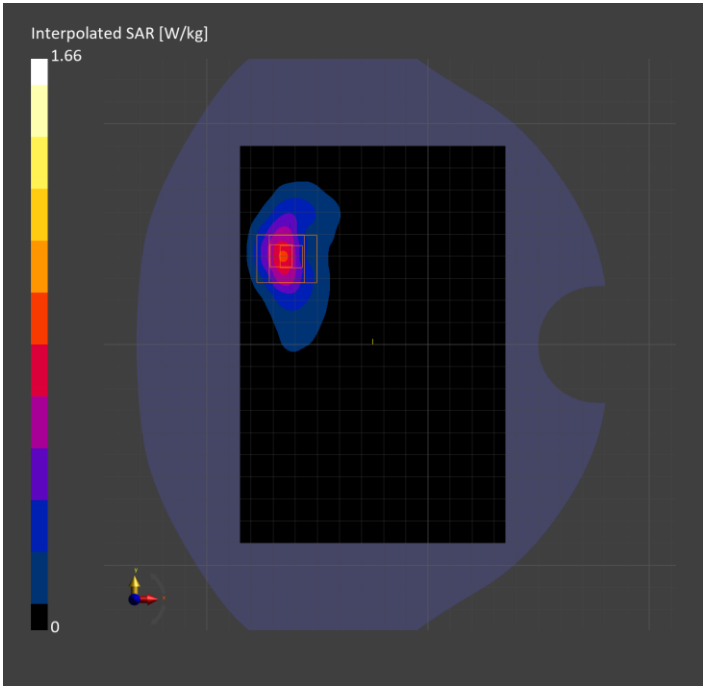
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		80.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.66, -61.8, 39.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.698	0.766
psSAR10g [W/Kg]	0.322	0.347
Power Drift [±0.2 dB]	N/A	-0.08



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

RBPosition:Mid AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band 41	TSL Permittivity	40.9
Frequency [MHz] Channel Number	2593.000 40620	TSL Conductivity [S/m]	1.84
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	10.00

Hardware Setup

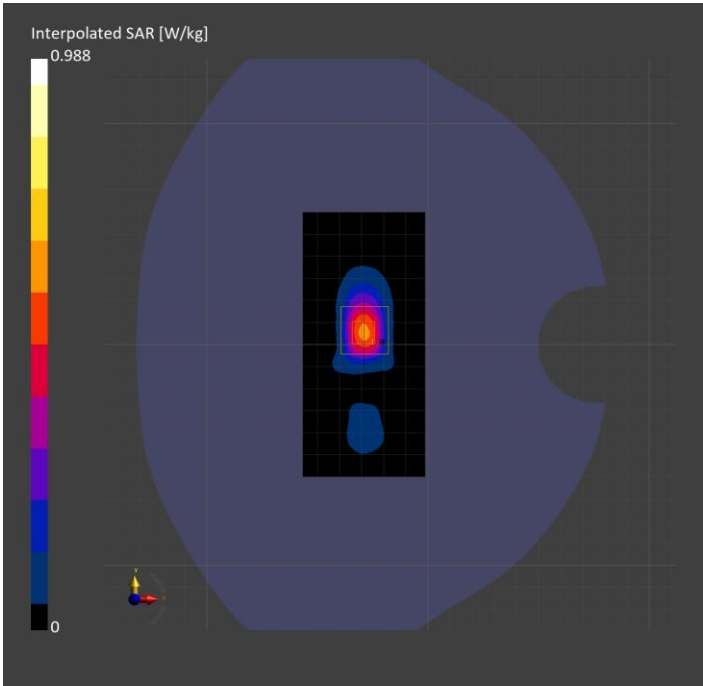
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.988, -29.2, 5.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.453	0.484
psSAR10g [W/Kg]	0.186	0.198
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:Low AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 48	TSL Permittivity	40.8
Frequency [MHz] Channel Number	3690.000 56640	TSL Conductivity [S/m]	2.90
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	5.92	Test Distance [mm]	5.00

Hardware Setup

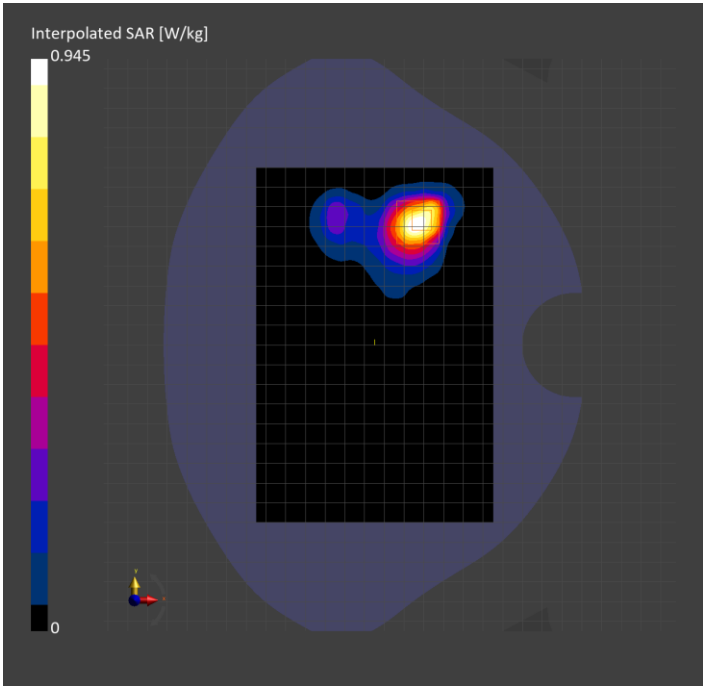
Probe Calibration Date	EX3DV4 - SN3686 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		75.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.10, -1.1, 63.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.697	0.778
psSAR10g [W/Kg]	0.292	0.305
Power Drift [±0.2 dB]	N/A	-0.02



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

RBPosition:Low AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 48	TSL Permittivity	38.3
Frequency [MHz] Channel Number	3560.000 55340	TSL Conductivity [S/m]	2.79
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.52	Test Distance [mm]	0.00

Hardware Setup

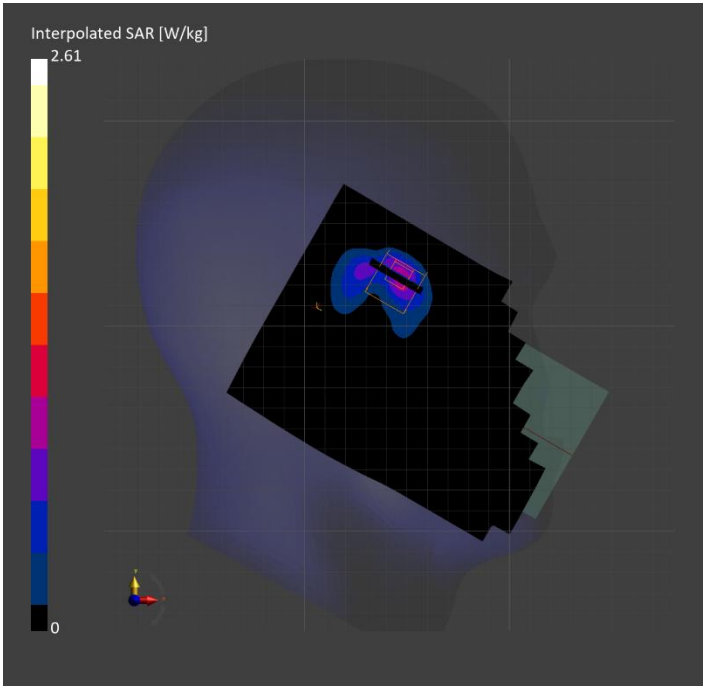
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	29.4 x 29.4 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%]		72.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.61, 46.4, 325.3, -169.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	0.846
psSAR10g [W/Kg]	0.284	0.309
Power Drift [±0.2 dB]	N/A	-0.01



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

RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 48	TSL Permittivity	40.5
Frequency [MHz] Channel Number	3646.700 56207	TSL Conductivity [S/m]	2.81
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.45	Test Distance [mm]	10.00

Hardware Setup

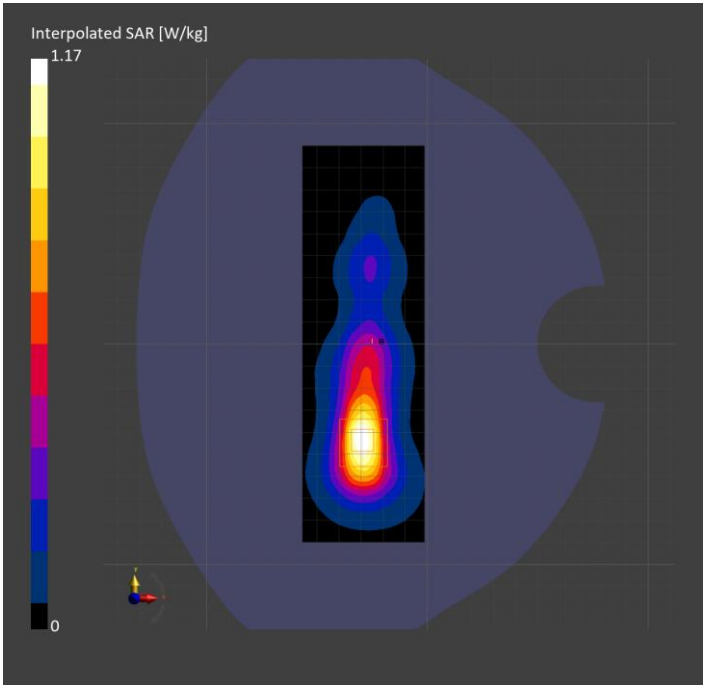
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.17, -29.4, -43.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.461	0.473
psSAR10g [W/Kg]	0.197	0.196
Power Drift [±0.2 dB]	N/A	-0.06



Band 53: LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)
AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 53	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.71
Group UID	LTE-TDD 10506-AAG	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.87	Test Distance [mm]	0.00

Hardware Setup

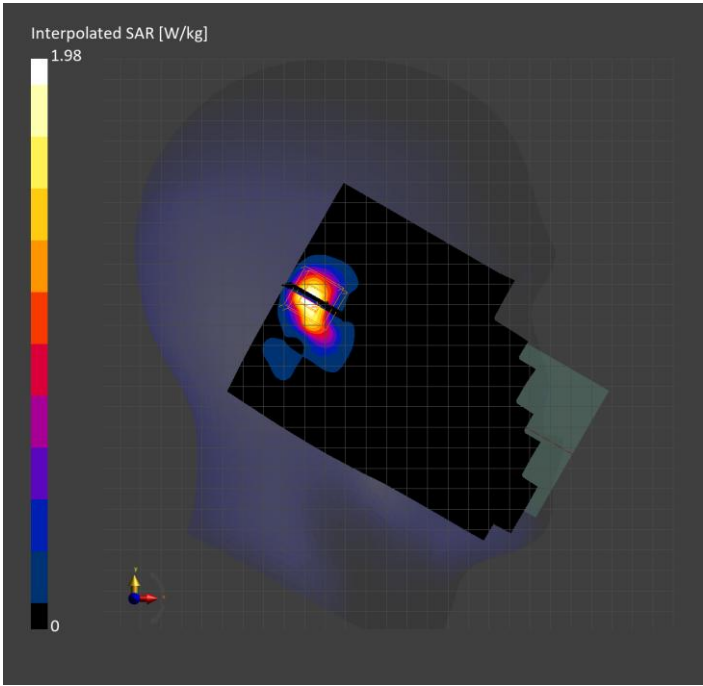
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.3 x 34.3 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.9 x 4.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, 3.2, 313.4, -167.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.686	0.838
psSAR10g [W/Kg]	0.303	0.306
Power Drift [±0.2 dB]	N/A	-0.05



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

RBPosition:Mid AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 53	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.79
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

Hardware Setup

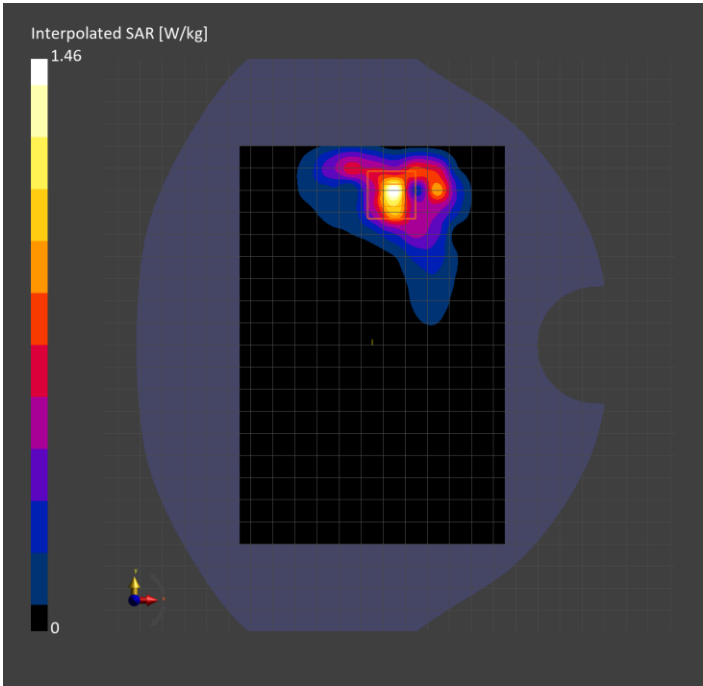
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		82.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.46, -16.4, 67.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.640	0.677
psSAR10g [W/Kg]	0.274	0.273
Power Drift [±0.2 dB]	N/A	0.03



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

RBPosition:Mid AntennaCfg:SISO, EDGE TOP

Exposure Conditions

Band	Band 53	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2489.200 60197	TSL Conductivity [S/m]	1.72
Group UID	LTE-TDD 10470-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	10.00

Hardware Setup

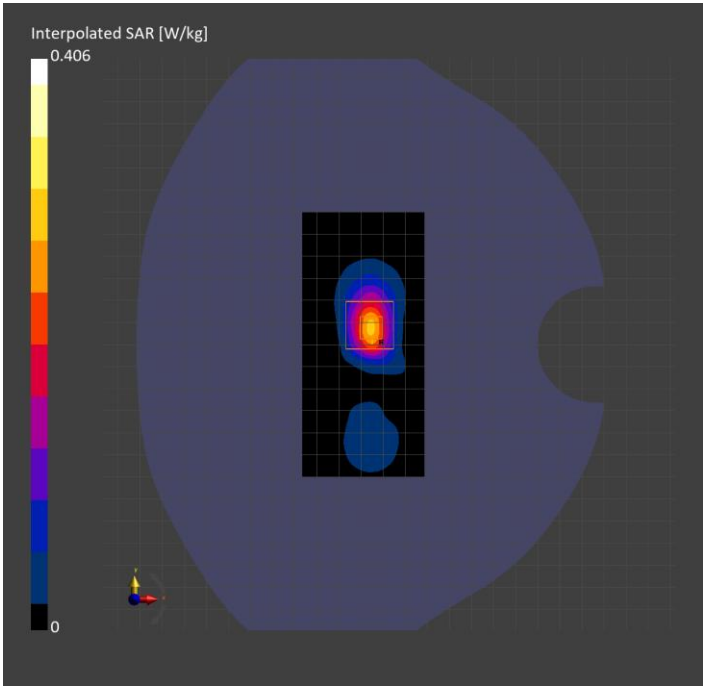
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.406, -25.5, 7.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.208	0.215
psSAR10g [W/Kg]	0.090	0.098
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band 66	TSL Permittivity	40.7
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.31
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	10.00

Hardware Setup

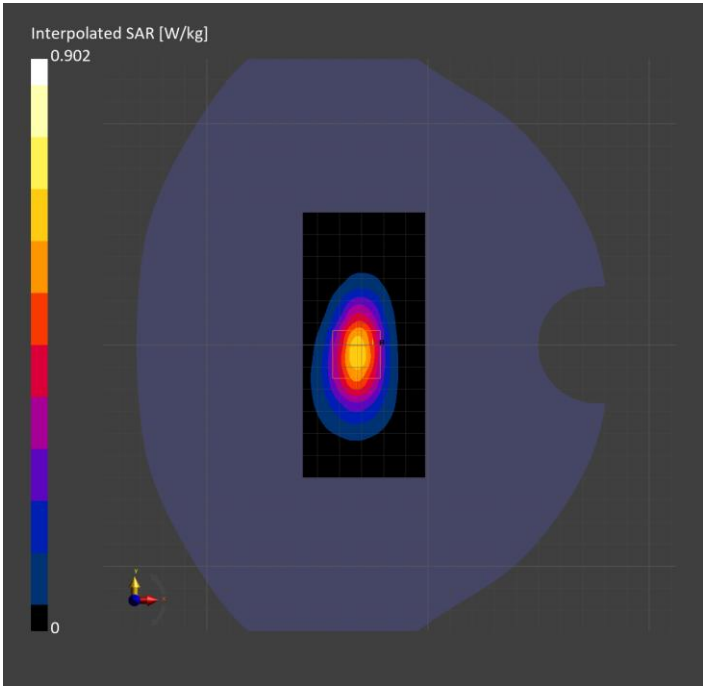
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.902, -31.7, -5.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.526	0.547
psSAR10g [W/Kg]	0.278	0.306
Power Drift [±0.2 dB]	N/A	0.00



Band 66: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 66	TSL Permittivity	42.2
Frequency [MHz] Channel Number	1745.000 132322	TSL Conductivity [S/m]	1.28
Group UID	LTE-FDD 10100-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

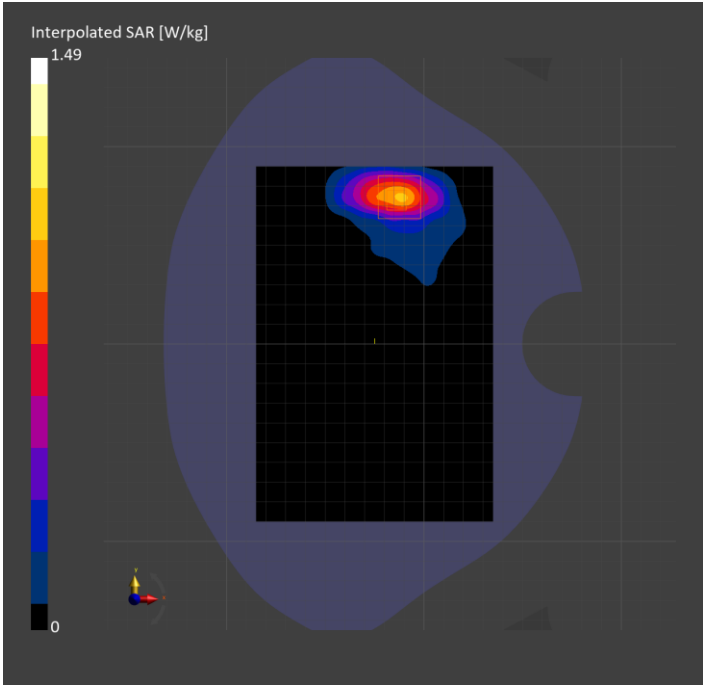
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		84.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.49, -13.8, 72.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.812	0.858
psSAR10g [W/Kg]	0.430	0.443
Power Drift [±0.2 dB]	N/A	-0.02



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 66	TSL Permittivity	39.3
Frequency [MHz] Channel Number	1770.000 132572	TSL Conductivity [S/m]	1.27
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.23	Test Distance [mm]	0.00

Hardware Setup

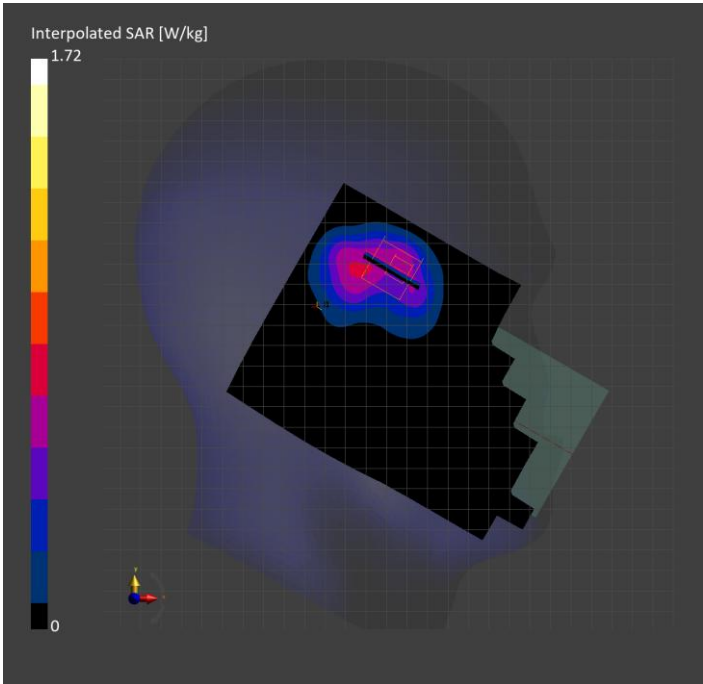
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.5 x 31.5 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.5 x 4.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.72, 46.5, 327.8, -169.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.618	0.844
psSAR10g [W/Kg]	0.366	0.423
Power Drift [±0.2 dB]	N/A	-0.05



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band 71	TSL Permittivity	43.8
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.842
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

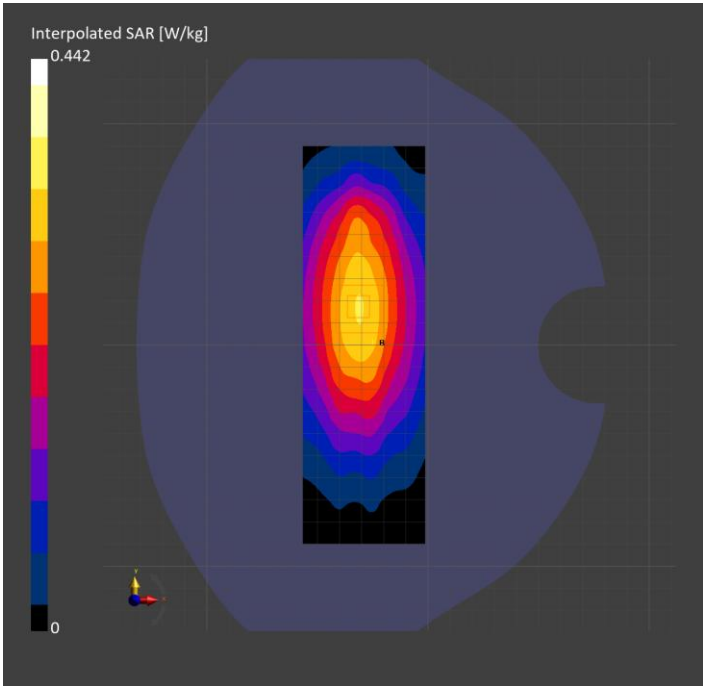
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		89.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.442, -31.4, 17.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.293	0.307
psSAR10g [W/Kg]	0.203	0.223
Power Drift [±0.2 dB]	N/A	0.01



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band 71	TSL Permittivity	40.6
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.861
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

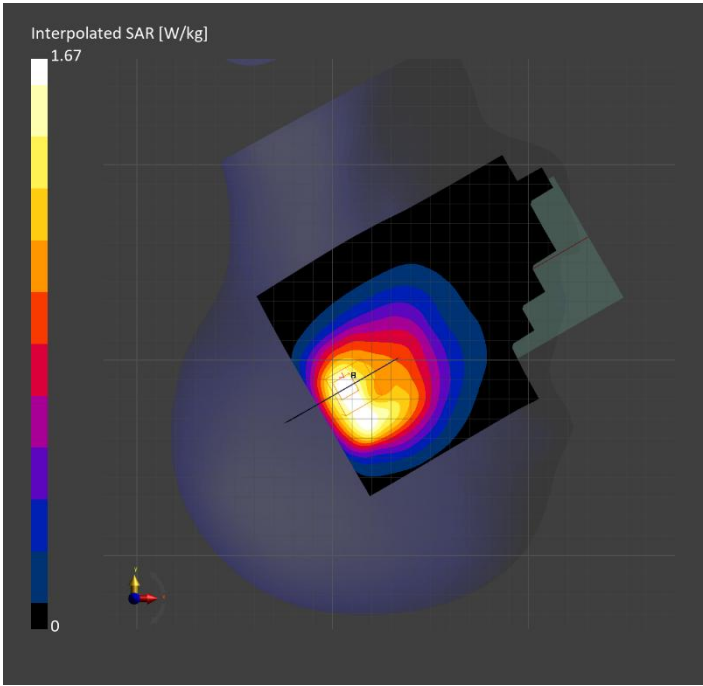
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	66.0 x 66.0 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]		10.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.67, 6.0, -313.3, -168.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.771	0.752
psSAR10g [W/Kg]	0.518	0.433
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band 71	TSL Permittivity	44.2
Frequency [MHz] Channel Number	680.500 133297	TSL Conductivity [S/m]	0.817
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	9.81	Test Distance [mm]	5.00

Hardware Setup

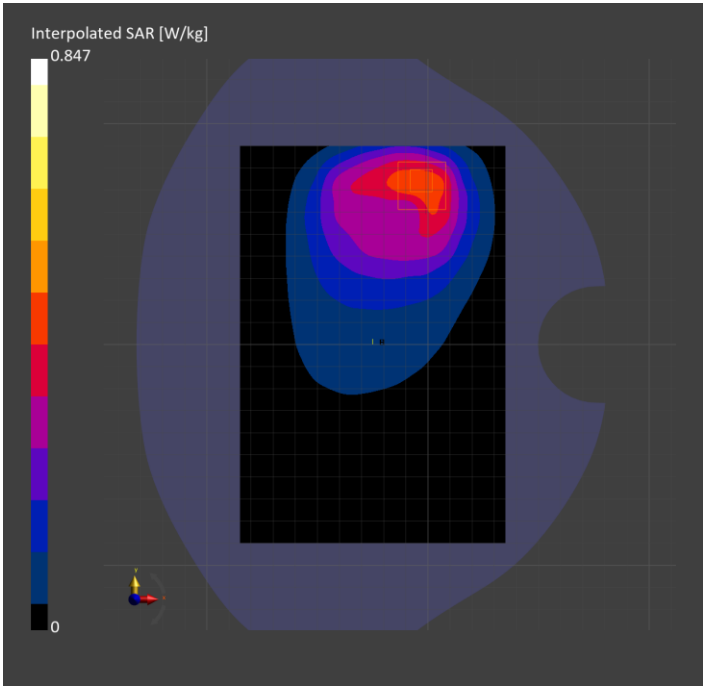
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.847, -3.0, 74.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.418	0.400
psSAR10g [W/Kg]	0.276	0.217
Power Drift [±0.2 dB]	N/A	0.05



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	44.4
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.879
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	10.00

Hardware Setup

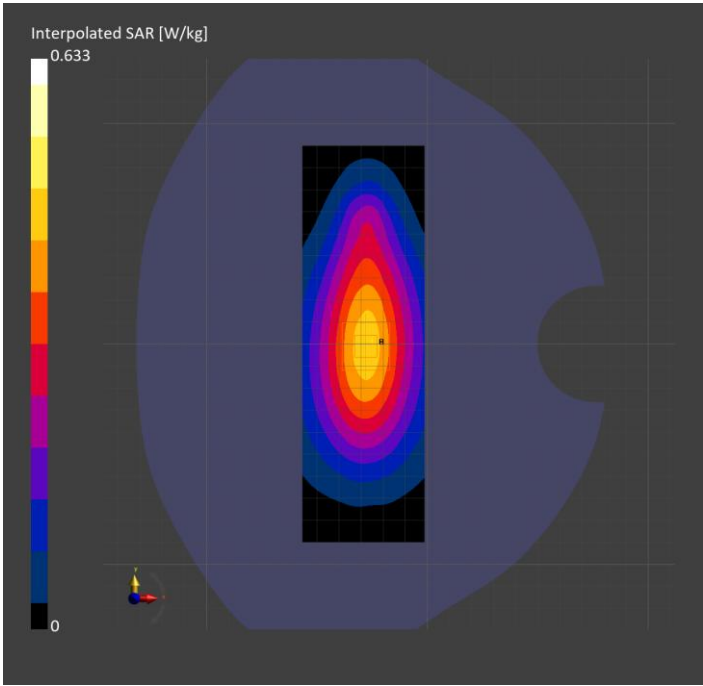
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		87.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.633, -27.8, -1.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.395	0.425
psSAR10g [W/Kg]	0.266	0.292
Power Drift [±0.2 dB]	N/A	-0.12



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	39.2
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.923
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.48	Test Distance [mm]	0.00

Hardware Setup

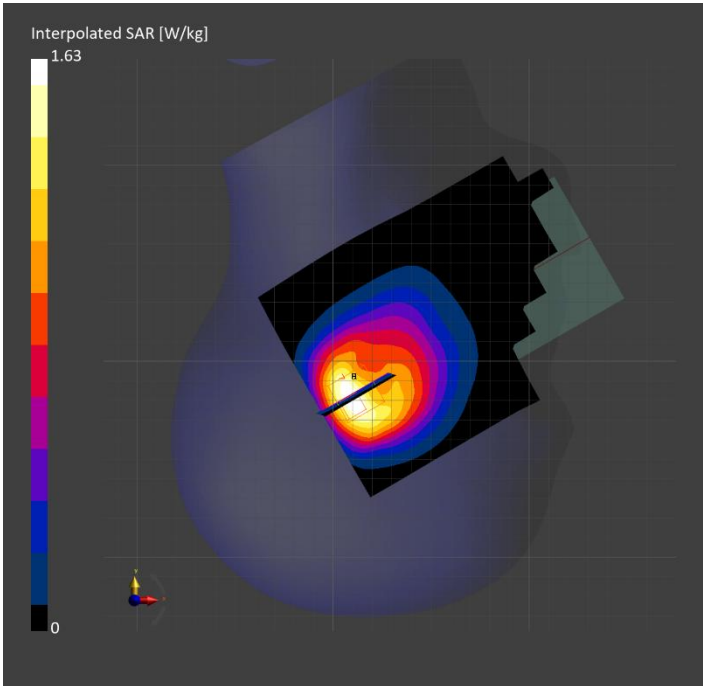
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.63, 9.6, -322.8, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.764	0.741
psSAR10g [W/Kg]	0.489	0.422
Power Drift [±0.2 dB]	N/A	0.05



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n5	TSL Permittivity	42.8
Frequency [MHz] Channel Number	836.500 167300	TSL Conductivity [S/m]	0.879
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	5.00

Hardware Setup

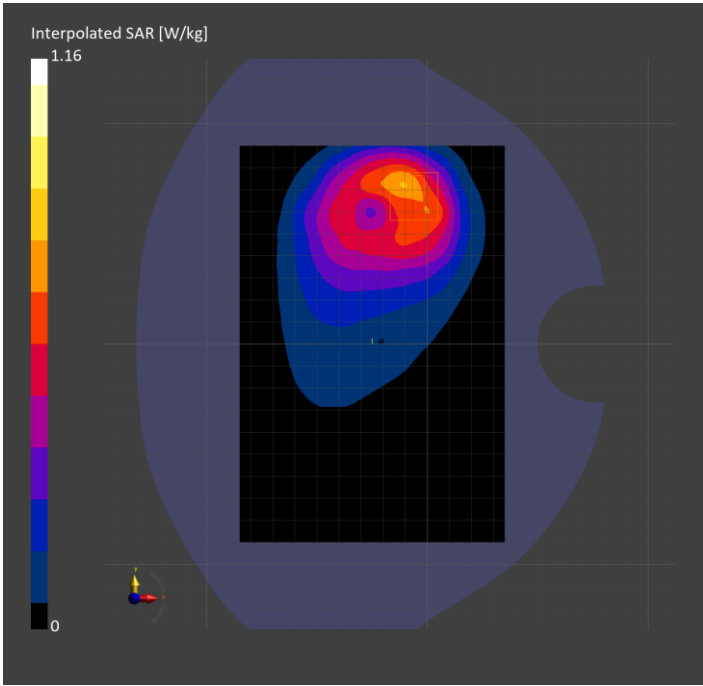
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 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]		11.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.15, -6.5, 71.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.643	0.613
psSAR10g [W/Kg]	0.416	0.361
Power Drift [±0.2 dB]	N/A	-0.01



Band n7: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:High

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n7	TSL Permittivity	42.3
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.84	Test Distance [mm]	5.00

Hardware Setup

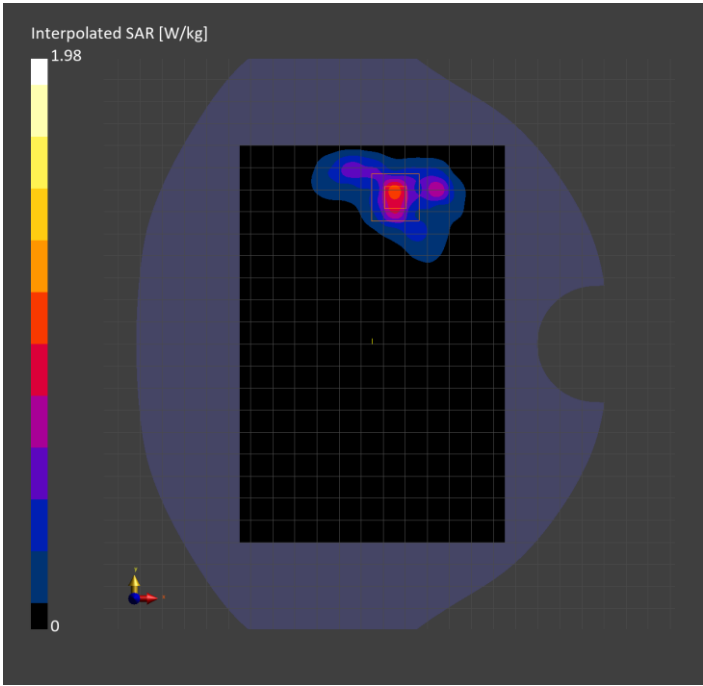
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		78.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, -14.5, 66.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.768	0.824
psSAR10g [W/Kg]	0.320	0.318
Power Drift [±0.2 dB]	N/A	-0.00



Band n7: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:Low

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n7	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.58	Test Distance [mm]	0.00

Hardware Setup

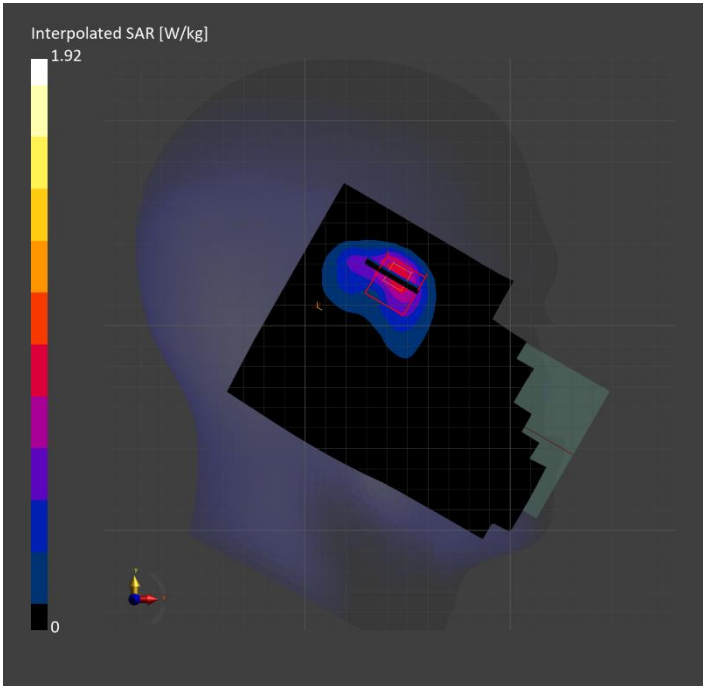
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		74.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.92, 45.3, 324.4, -170.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.708	0.780
psSAR10g [W/Kg]	0.343	0.368
Power Drift [±0.2 dB]	N/A	-0.01



Band n7: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:Low

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n7	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.79
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	10.00

Hardware Setup

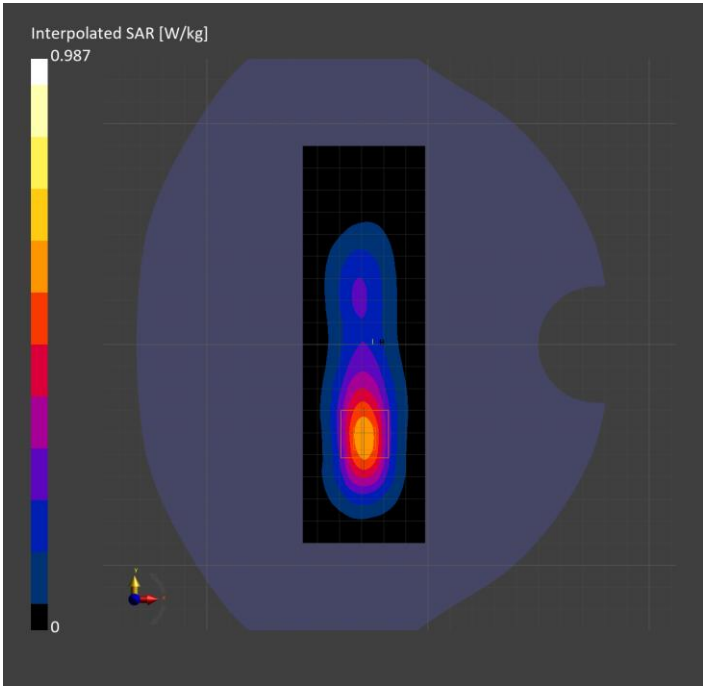
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.987, -28.7, -42.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.506	0.519
psSAR10g [W/Kg]	0.249	0.258
Power Drift [±0.2 dB]	N/A	-0.15



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n12	TSL Permittivity	43.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.850
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

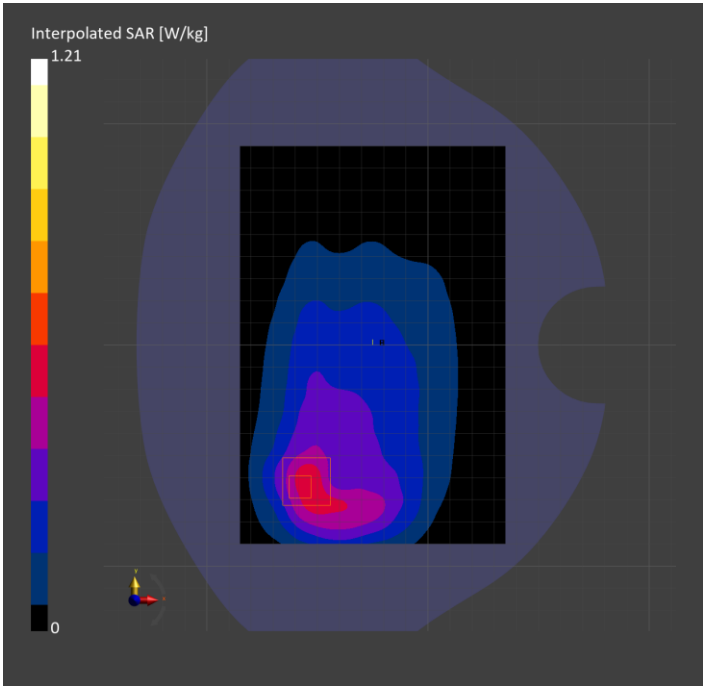
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		75.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.21, -57.8, -64.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.499	0.545
psSAR10g [W/Kg]	0.326	0.311
Power Drift [±0.2 dB]	N/A	-0.05



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	43.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.850
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

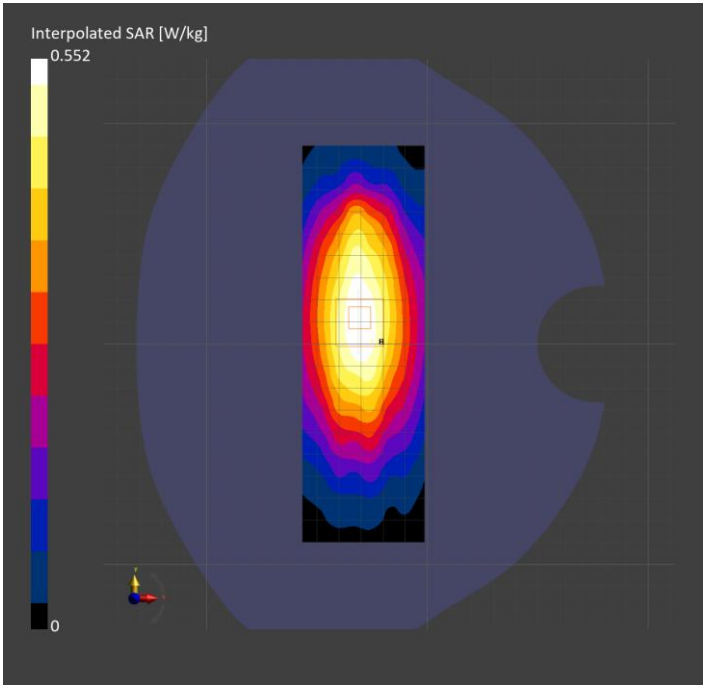
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		90.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.552, -30.7, 11.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.373	0.386
psSAR10g [W/Kg]	0.257	0.277
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n12	TSL Permittivity	43.6
Frequency [MHz] Channel Number	707.500 141500	TSL Conductivity [S/m]	0.827
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

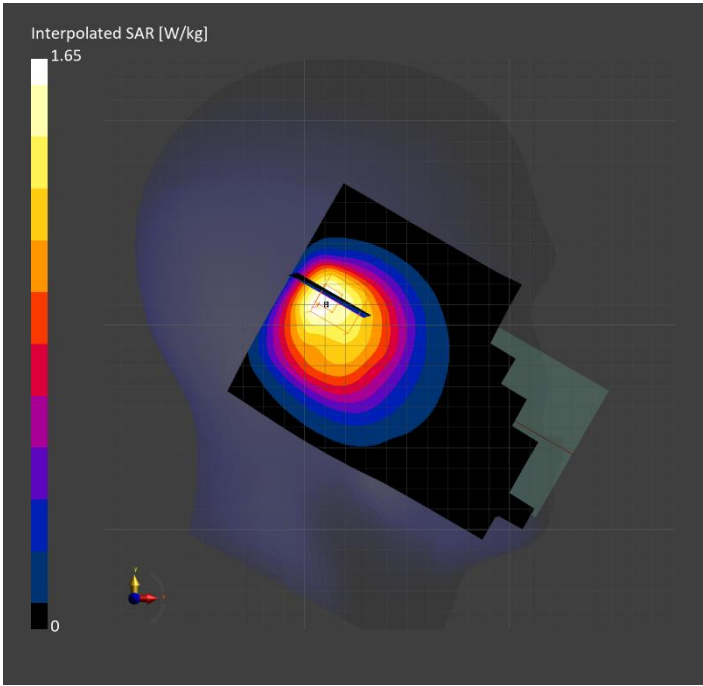
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		68.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.65, 11.2, 313.0, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.571	0.658
psSAR10g [W/Kg]	0.384	0.370
Power Drift [±0.2 dB]	N/A	0.04



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n14	TSL Permittivity	42.6
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.852
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

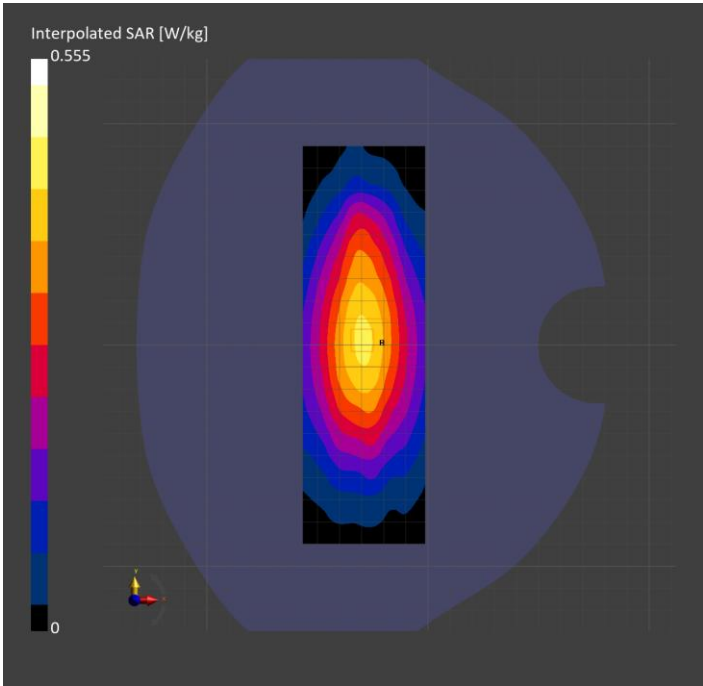
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		90.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.555, -29.8, 2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.374	0.389
psSAR10g [W/Kg]	0.255	0.280
Power Drift [±0.2 dB]	N/A	0.00



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	42.5
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.863
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

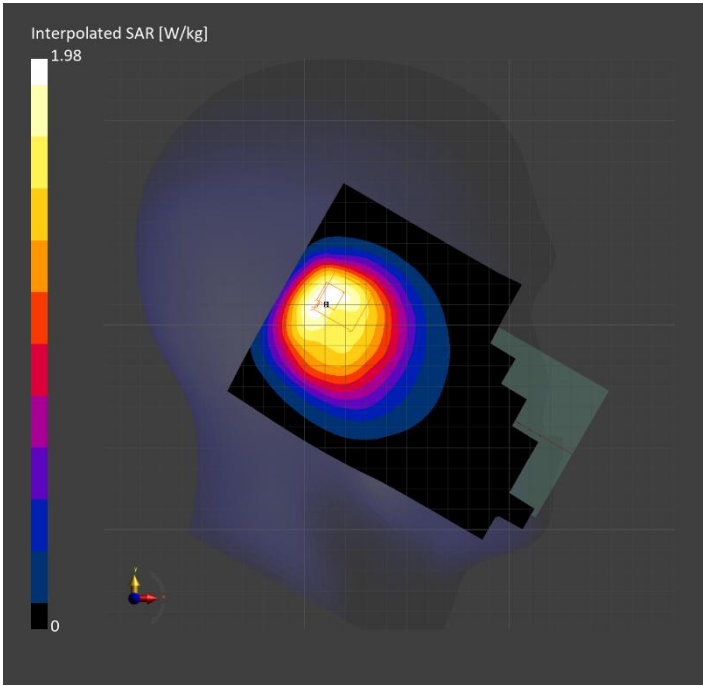
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.0 x 42.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		69.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, 12.1, 314.1, -169.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.749	0.827
psSAR10g [W/Kg]	0.504	0.476
Power Drift [±0.2 dB]	N/A	-0.01



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n14	TSL Permittivity	44.3
Frequency [MHz] Channel Number	793.000 158600	TSL Conductivity [S/m]	0.846
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	9.81	Test Distance [mm]	5.00

Hardware Setup

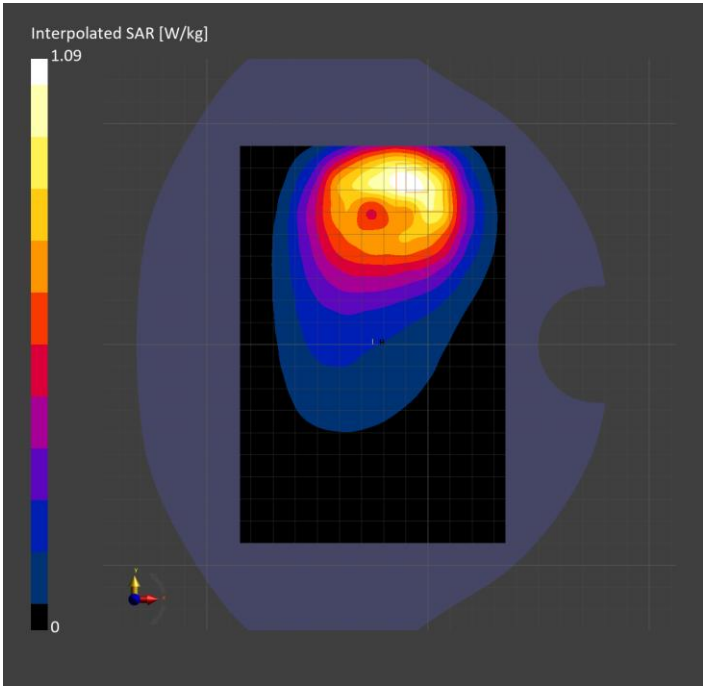
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.09, -4.9, 74.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.599	0.576
psSAR10g [W/Kg]	0.388	0.323
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, BACK

Exposure Conditions

Band	Band n25	TSL Permittivity	42.3
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.32
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	5.00

Hardware Setup

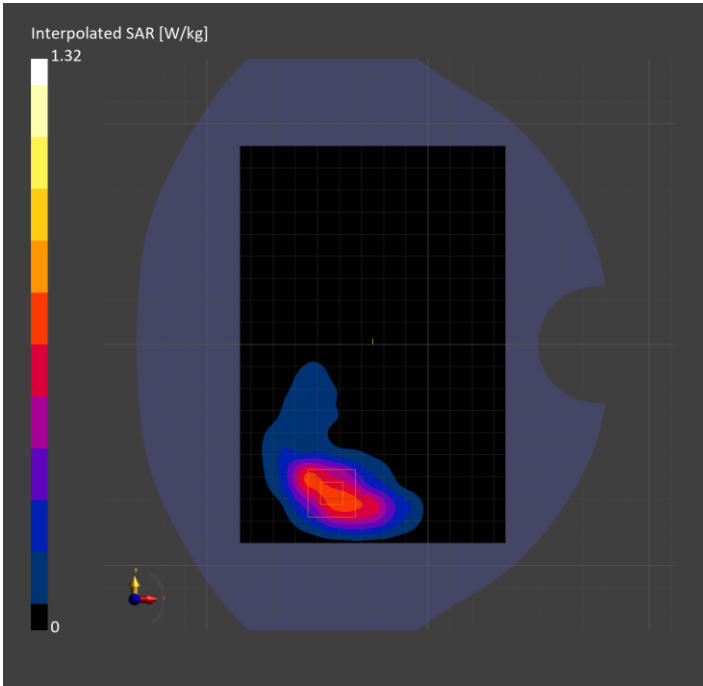
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		83.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.32, -43.6, -67.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.602	0.733
psSAR10g [W/Kg]	0.340	0.395
Power Drift [±0.2 dB]	N/A	-0.00



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n25	TSL Permittivity	40.4
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.38
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	10.00

Hardware Setup

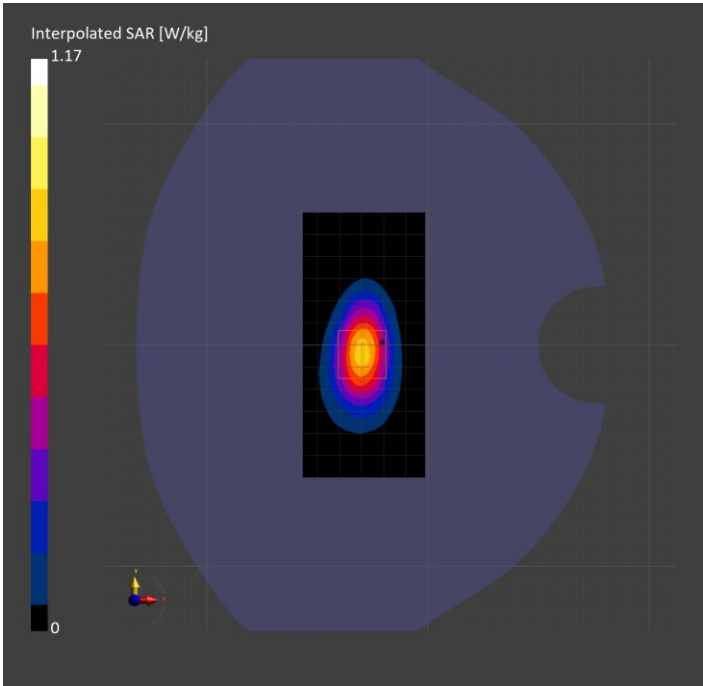
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.17, -29.8, -4.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.668	0.680
psSAR10g [W/Kg]	0.343	0.367
Power Drift [±0.2 dB]	N/A	0.02



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n25	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.33
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.8	Test Distance [mm]	0.00

Hardware Setup

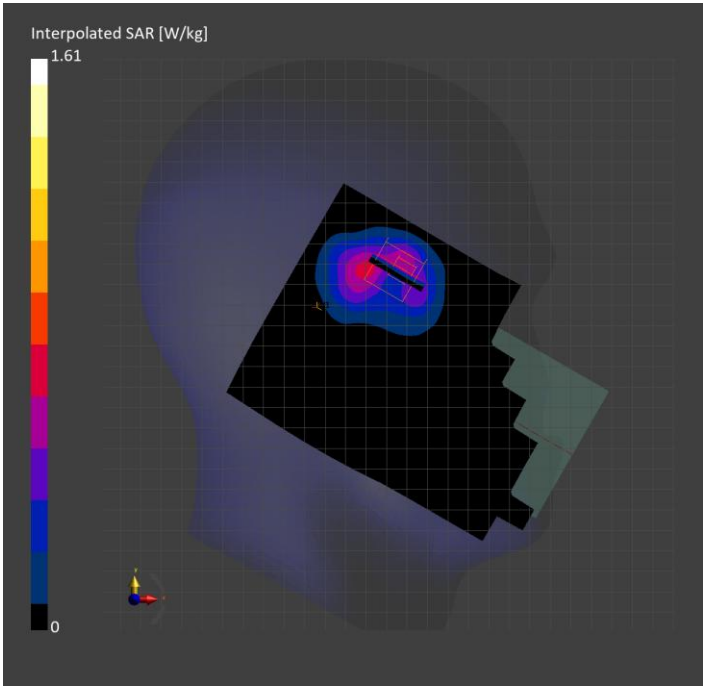
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 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%]		81.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.61, 48.2, 327.3, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.571	0.756
psSAR10g [W/Kg]	0.311	0.374
Power Drift [±0.2 dB]	N/A	0.04



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n26	TSL Permittivity	41.2
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.914
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.48	Test Distance [mm]	5.00

Hardware Setup

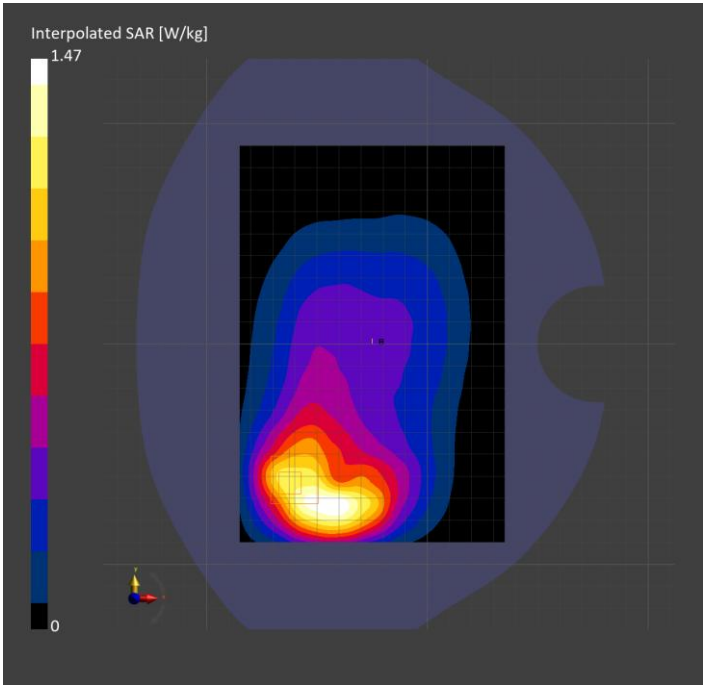
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 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%]		75.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.47, -62.2, -63.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.701	0.694
psSAR10g [W/Kg]	0.454	0.380
Power Drift [±0.2 dB]	N/A	-0.03



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	44.8
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	8.48	Test Distance [mm]	10.00

Hardware Setup

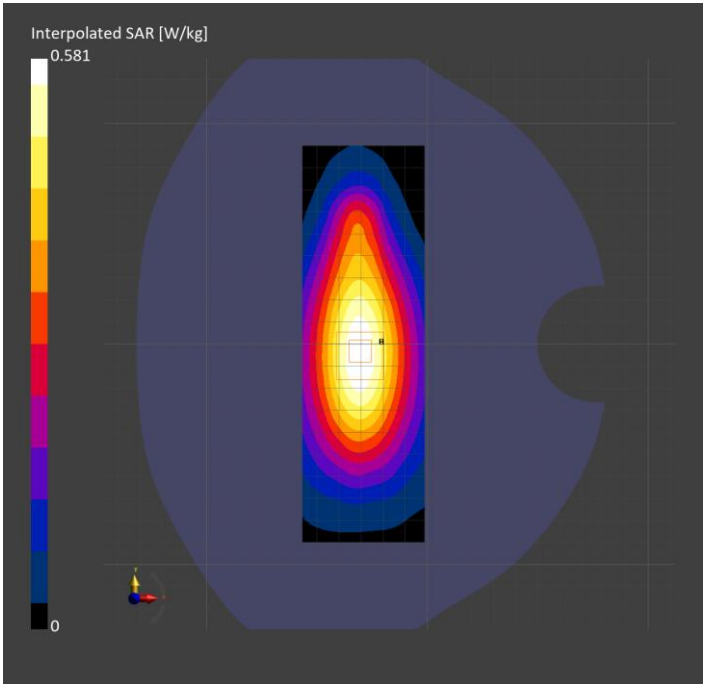
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		86.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.581, -30.4, -3.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.360	0.385
psSAR10g [W/Kg]	0.243	0.261
Power Drift [±0.2 dB]	N/A	-0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n26	TSL Permittivity	44.8
Frequency [MHz] Channel Number	831.500 166300	TSL Conductivity [S/m]	0.874
Group UID	5G NR FR1 FDD 10931-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.48	Test Distance [mm]	0.00

Hardware Setup

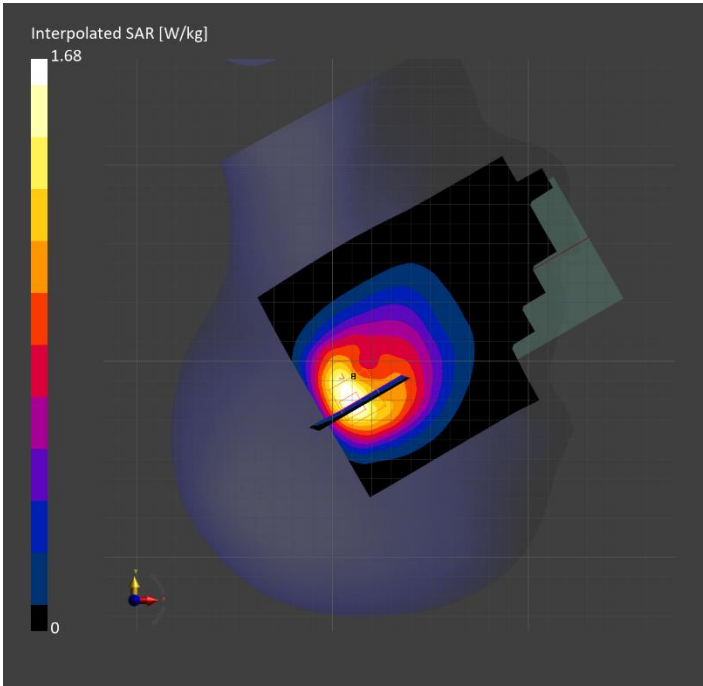
Probe Calibration Date	EX3DV4 - SN7807 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1796 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		75.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.68, 9.6, -322.8, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.833	0.768
psSAR10g [W/Kg]	0.523	0.430
Power Drift [±0.2 dB]	N/A	-0.05



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n30	TSL Permittivity	42.6
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.73
Group UID	5G NR FR1 FDD 10937-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	7.02	Test Distance [mm]	0.00

Hardware Setup

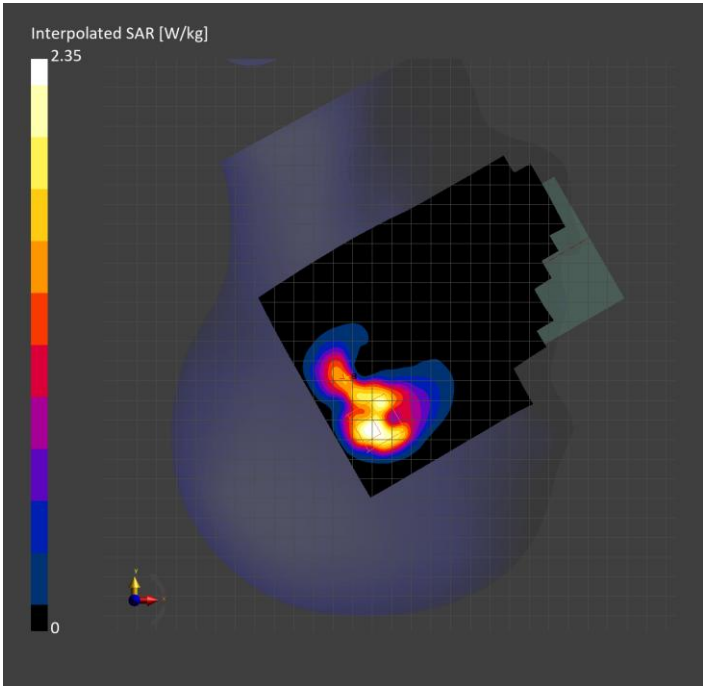
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		76.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.35, 17.3, -335.5, -168.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.762	0.867
psSAR10g [W/Kg]	0.383	0.364
Power Drift [±0.2 dB]	N/A	-0.06



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n30	TSL Permittivity	42.7
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.62
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.02	Test Distance [mm]	5.00

Hardware Setup

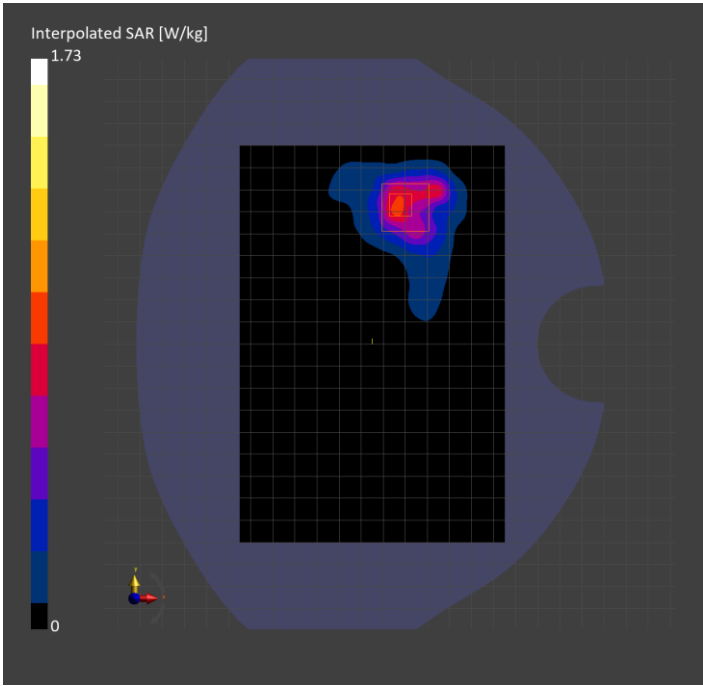
Probe Calibration Date	EX3DV4 - SN7779 2025-05-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		79.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.73, -12.1, 63.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.712	0.785
psSAR10g [W/Kg]	0.366	0.351
Power Drift [±0.2 dB]	N/A	-0.03



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n30	TSL Permittivity	41.5
Frequency [MHz] Channel Number	2310.000 462000	TSL Conductivity [S/m]	1.61
Group UID	5G NR FR1 FDD 10929-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.75	Test Distance [mm]	10.00

Hardware Setup

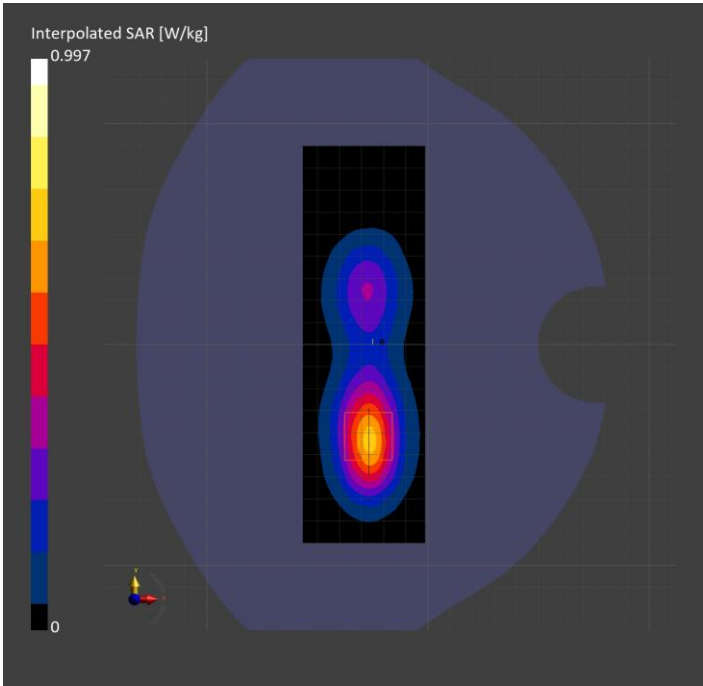
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.997, -27.1, -43.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.551	0.564
psSAR10g [W/Kg]	0.284	0.296
Power Drift [±0.2 dB]	N/A	0.06



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n41	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.88
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.58	Test Distance [mm]	0.00

Hardware Setup

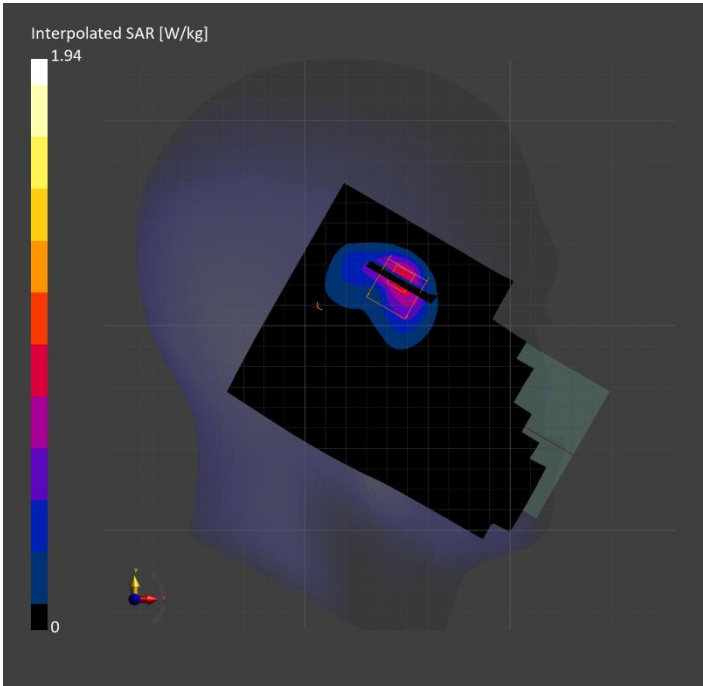
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.8 x 36.8 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.94, 47.1, 323.4, -170.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.701	0.782
psSAR10g [W/Kg]	0.336	0.354
Power Drift [±0.2 dB]	N/A	-0.20



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n41	TSL Permittivity	37.7
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.84
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	5.00

Hardware Setup

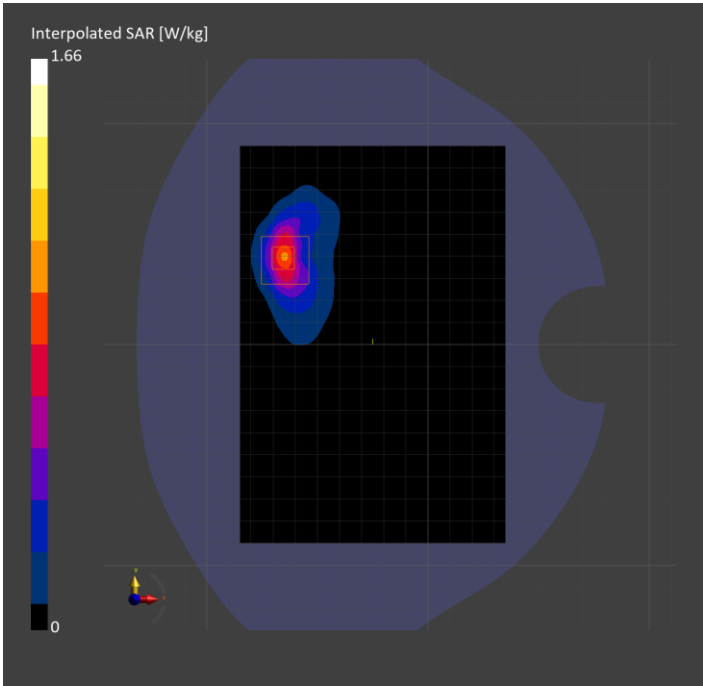
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		77.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.66, -65.4, 39.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.704	0.710
psSAR10g [W/Kg]	0.301	0.305
Power Drift [±0.2 dB]	N/A	-0.02



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n41	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2592.990 518598	TSL Conductivity [S/m]	1.84
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.58	Test Distance [mm]	10.00

Hardware Setup

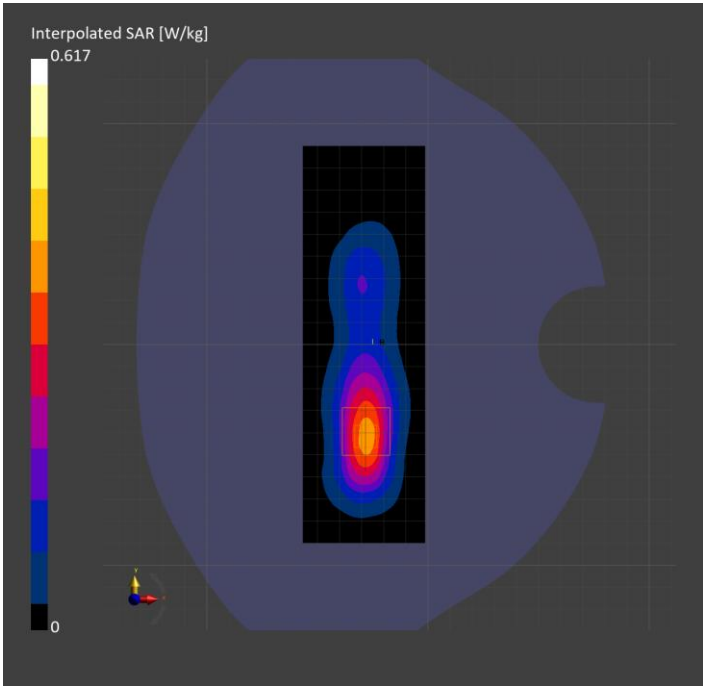
Probe Calibration Date	EX3DV4 - SN7820 2025-05-08	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1439 2025-03-11	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.617, -28.1, -41.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.305	0.310
psSAR10g [W/Kg]	0.150	0.152
Power Drift [±0.2 dB]	N/A	-0.04



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n48	TSL Permittivity	39.6
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.91
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.92	Test Distance [mm]	0.00

Hardware Setup

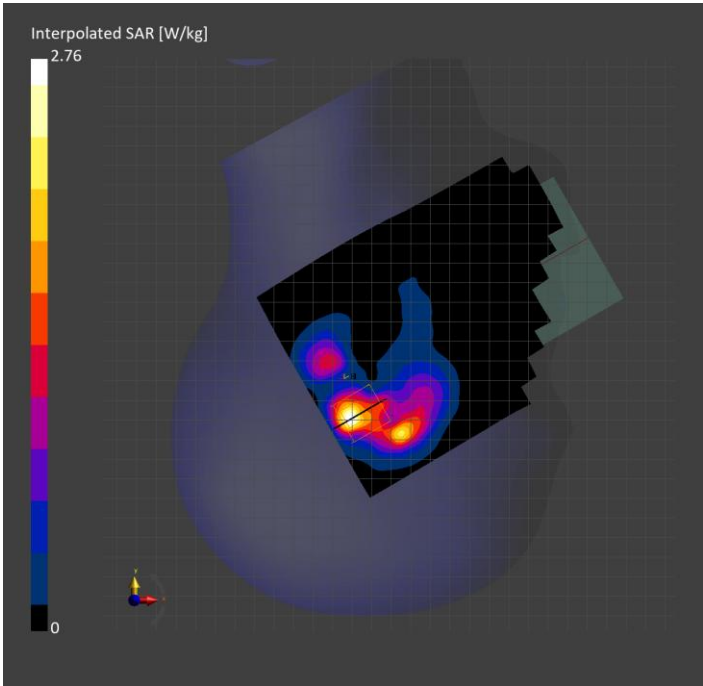
Probe Calibration Date	EX3DV4 - SN3686 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.6 x 30.6 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		73.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.76, 10.0, -327.5, -168.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.568	0.826
psSAR10g [W/Kg]	0.219	0.256
Power Drift [±0.2 dB]	N/A	0.14



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n48	TSL Permittivity	40.9
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.86
Group UID	5G NR FR1 TDD 10903-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.92	Test Distance [mm]	5.00

Hardware Setup

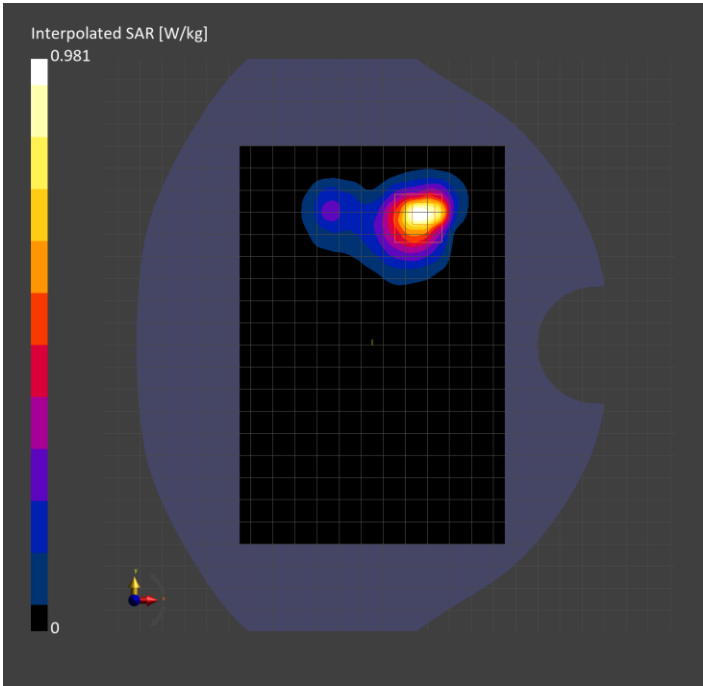
Probe Calibration Date	EX3DV4 - SN3686 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	40.0 x 40.0 x 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%]		74.9
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.98, -1.7, 59.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	0.727
psSAR10g [W/Kg]	0.277	0.285
Power Drift [±0.2 dB]	N/A	-0.02



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	38.2
Frequency [MHz] Channel Number	3643.345 642890	TSL Conductivity [S/m]	2.87
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.45	Test Distance [mm]	10.00

Hardware Setup

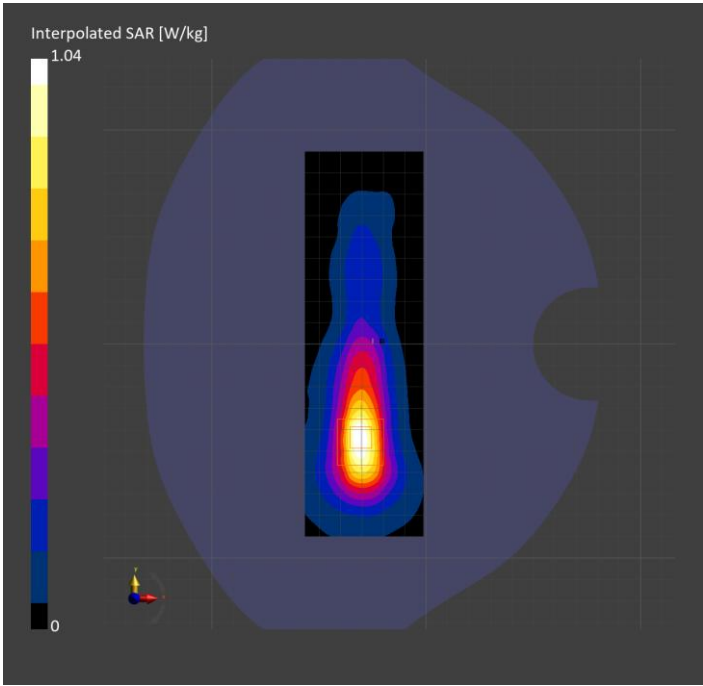
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.04, -30.5, -43.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.424	0.432
psSAR10g [W/Kg]	0.185	0.185
Power Drift [±0.2 dB]	N/A	0.14



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n53	TSL Permittivity	41.7
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.72
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	10.00

Hardware Setup

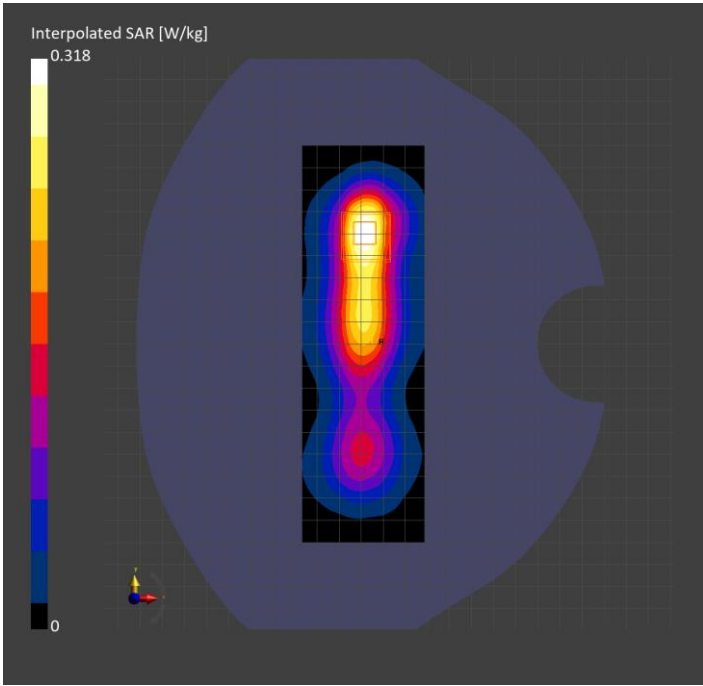
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		11.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.318, -28.5, 50.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.170	0.170
psSAR10g [W/Kg]	0.085	0.086
Power Drift [±0.2 dB]	N/A	-0.03



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

AntennaCfg:SISO, TILT

Exposure Conditions

Band	Band n53	TSL Permittivity	41.1
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.71
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.87	Test Distance [mm]	0.00

Hardware Setup

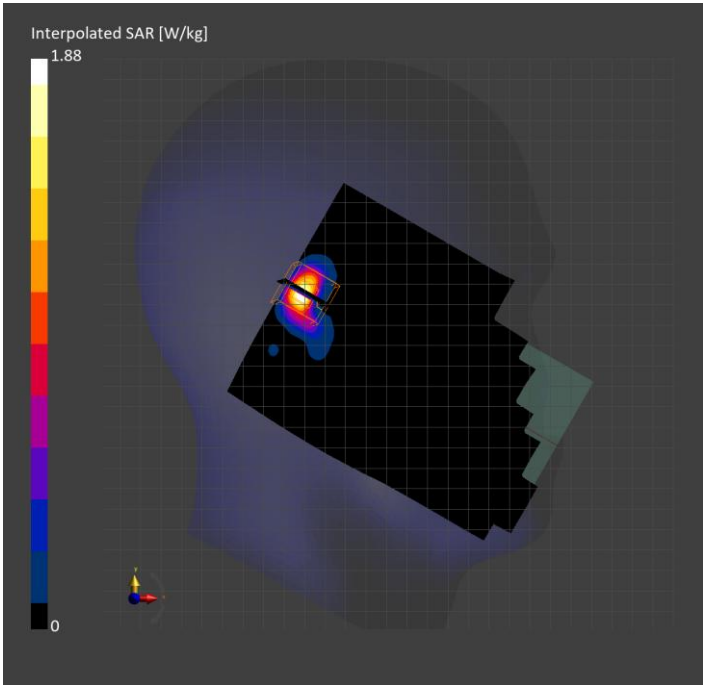
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	36.8 x 36.8 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		83.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.88, -0.4, 314.9, -167.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.788	0.807
psSAR10g [W/Kg]	0.284	0.289
Power Drift [±0.2 dB]	N/A	-0.06



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

Exposure Conditions

Band	Band n53	TSL Permittivity	37.8
Frequency [MHz] Channel Number	2489.300 497860	TSL Conductivity [S/m]	1.70
Group UID	5G NR FR1 TDD 10898-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.16	Test Distance [mm]	5.00

Hardware Setup

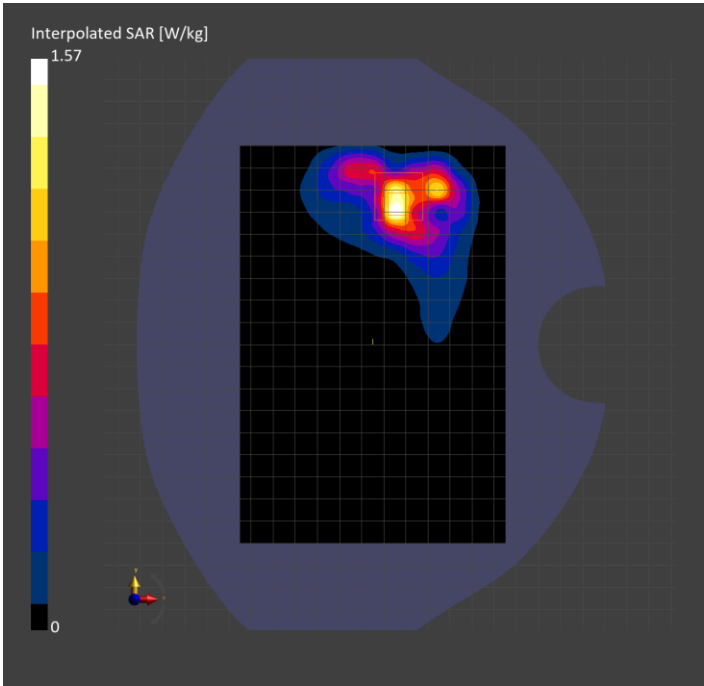
Probe Calibration Date	EX3DV4 - SN7585 2025-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1675 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		82.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.58, -13.2, 63.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.630	0.730
psSAR10g [W/Kg]	0.284	0.279
Power Drift [±0.2 dB]	N/A	0.04



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

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n66	TSL Permittivity	40.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.31
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	10.00

Hardware Setup

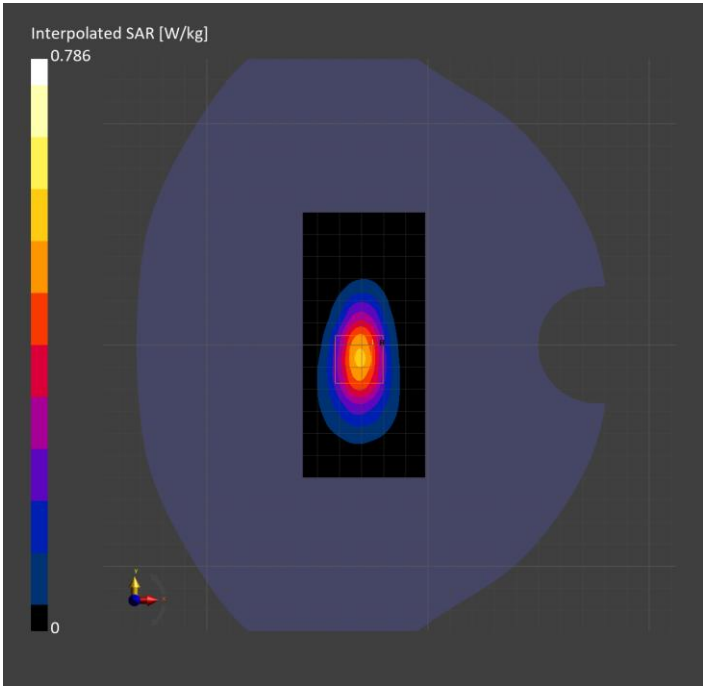
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		85.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.786, -31.1, -6.5, -196.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.430	0.473
psSAR10g [W/Kg]	0.226	0.258
Power Drift [±0.2 dB]	N/A	0.01



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

AntennaCfg:SISO, FRONT

Exposure Conditions

Band	Band n66	TSL Permittivity	42.7
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

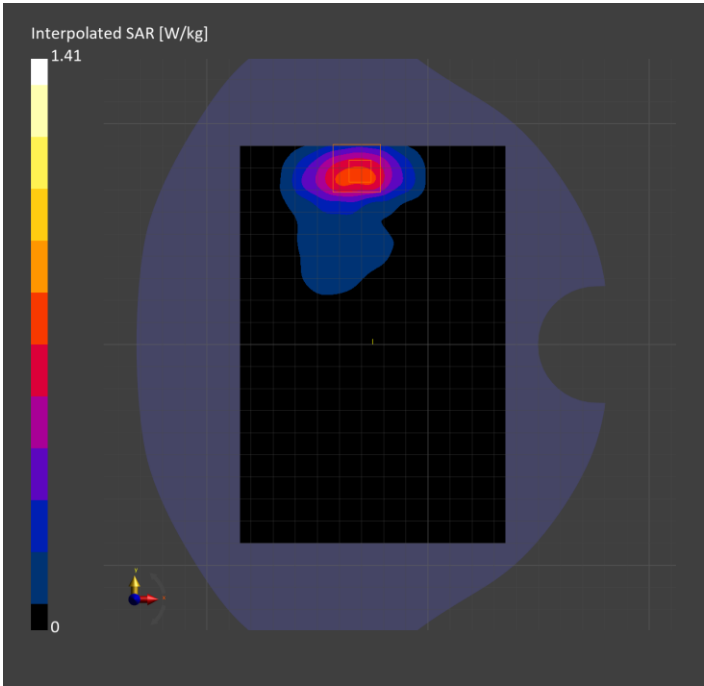
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.2 x 34.2 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.7 x 5.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.41, -30.7, 78.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.633	0.694
psSAR10g [W/Kg]	0.350	0.338
Power Drift [±0.2 dB]	N/A	-0.07



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	41.8
Frequency [MHz] Channel Number	1745.000 349000	TSL Conductivity [S/m]	1.27
Group UID	5G NR FR1 FDD 10942-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	8.23	Test Distance [mm]	0.00

Hardware Setup

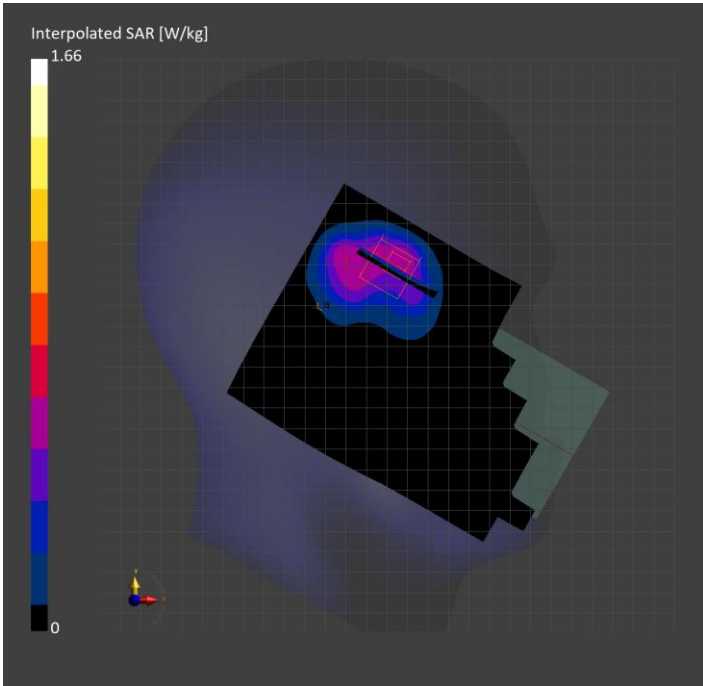
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	44.0 x 44.0 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%]		79.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.66, 45.0, 330.2, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.562	0.776
psSAR10g [W/Kg]	0.340	0.394
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, CHEEK

Exposure Conditions

Band	Band n70	TSL Permittivity	42.8
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.25
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

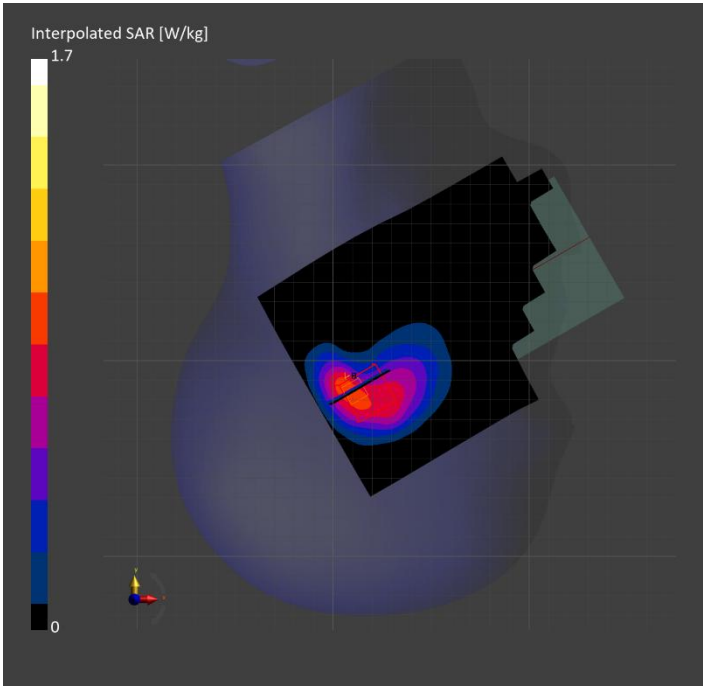
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.4 x 35.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		79.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.70, 10.5, -315.6, -168.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.772	0.856
psSAR10g [W/Kg]	0.445	0.473
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	42.3
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.26
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	5.00

Hardware Setup

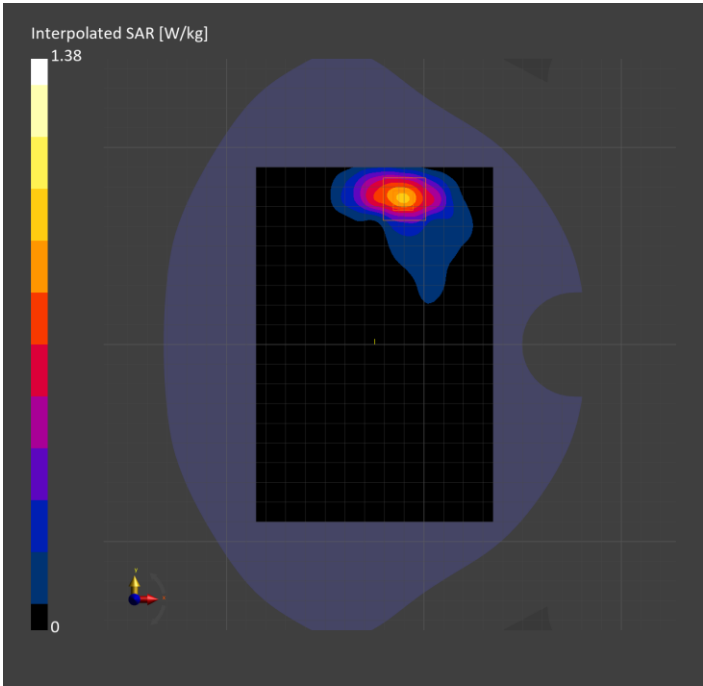
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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%]		82.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.38, -10.5, 73.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.752	0.769
psSAR10g [W/Kg]	0.392	0.386
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, EDGE TOP

Exposure Conditions

Band	Band n70	TSL Permittivity	42.3
Frequency [MHz] Channel Number	1702.500 340500	TSL Conductivity [S/m]	1.26
Group UID	5G NR FR1 FDD 10938-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	10.00

Hardware Setup

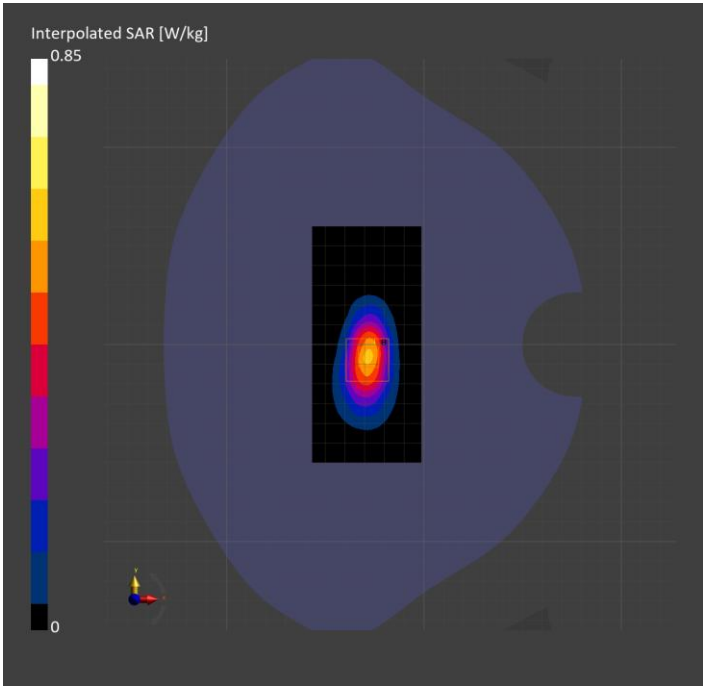
Probe Calibration Date	EX3DV4 - SN7908 2025-03-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1433 2025-02-05	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		84.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.850, -28.1, -6.5, -204.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.460	0.479
psSAR10g [W/Kg]	0.236	0.247
Power Drift [±0.2 dB]	N/A	-0.01



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n71	TSL Permittivity	43.7
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.805
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

Hardware Setup

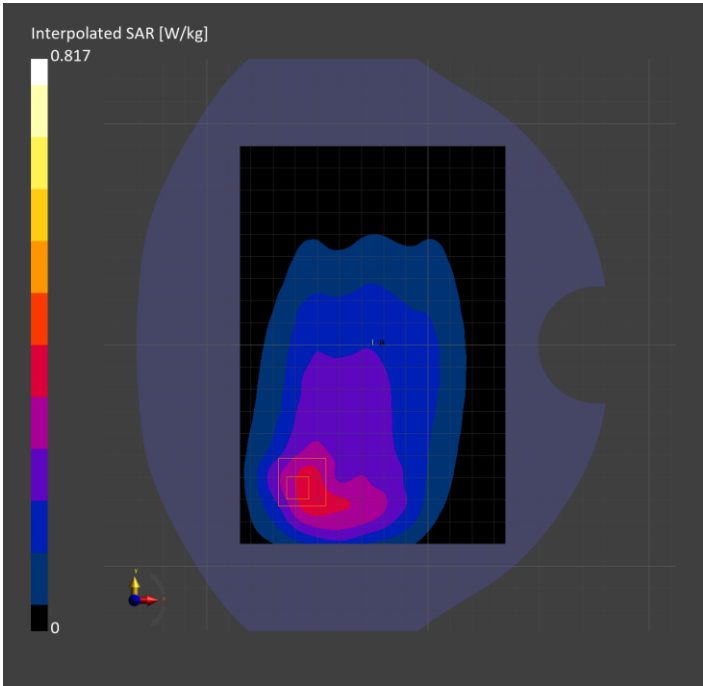
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		73.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.8
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.817, -58.9, -64.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.333	0.367
psSAR10g [W/Kg]	0.225	0.213
Power Drift [±0.2 dB]	N/A	-0.14



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	43.7
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.805
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.98	Test Distance [mm]	10.00

Hardware Setup

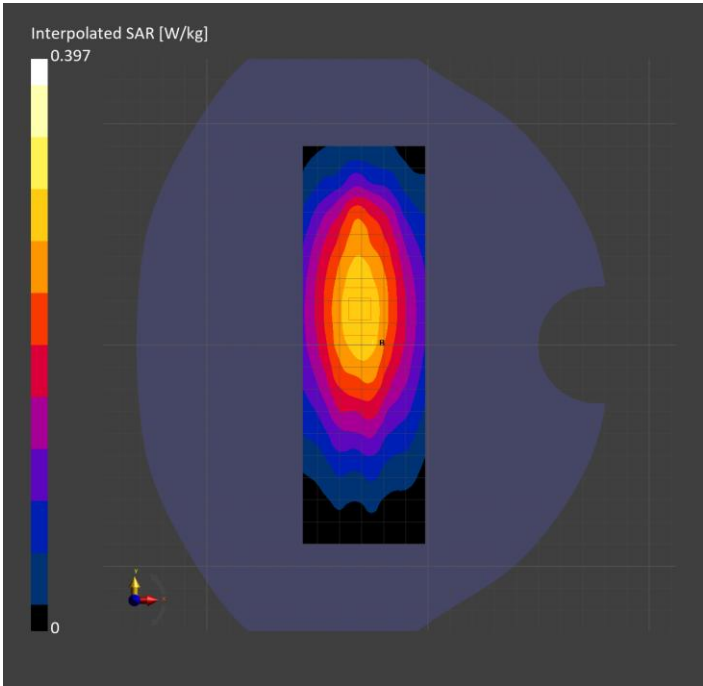
Probe Calibration Date	EX3DV4 - SN7463 2025-04-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1799 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		89.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		> 15.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.397, -30.8, 16.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.262	0.273
psSAR10g [W/Kg]	0.181	0.196
Power Drift [±0.2 dB]	N/A	-0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n71	TSL Permittivity	40.6
Frequency [MHz] Channel Number	680.500 136100	TSL Conductivity [S/m]	0.861
Group UID	5G NR FR1 FDD 10939-AAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	9.81	Test Distance [mm]	0.00

Hardware Setup

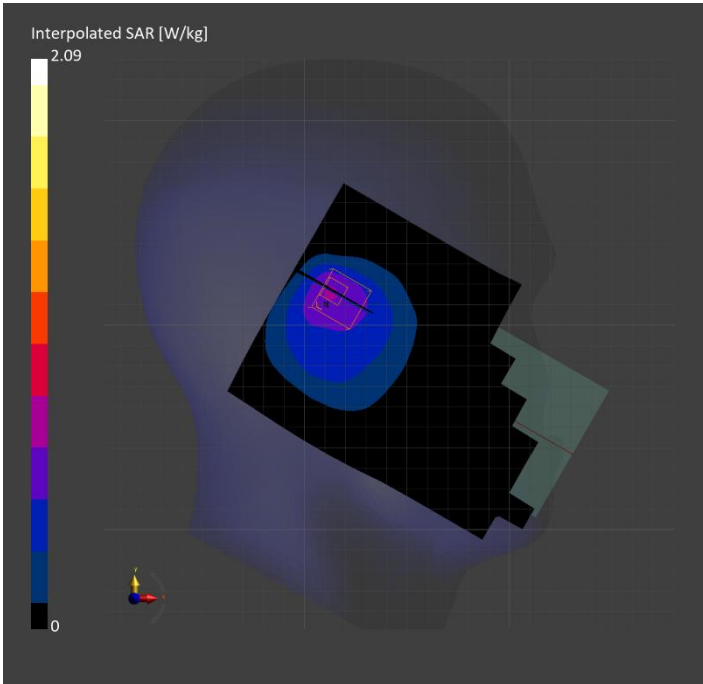
Probe Calibration Date	EX3DV4 - SN7589 2025-04-08	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1619 2025-04-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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%]		65.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.09, 13.8, 316.5, -169.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.608	0.769
psSAR10g [W/Kg]	0.407	0.401
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n77	TSL Permittivity	40.9
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.69
Group UID	5G NR FR1 TDD 10973-AAD	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.52	Test Distance [mm]	0.00

Hardware Setup

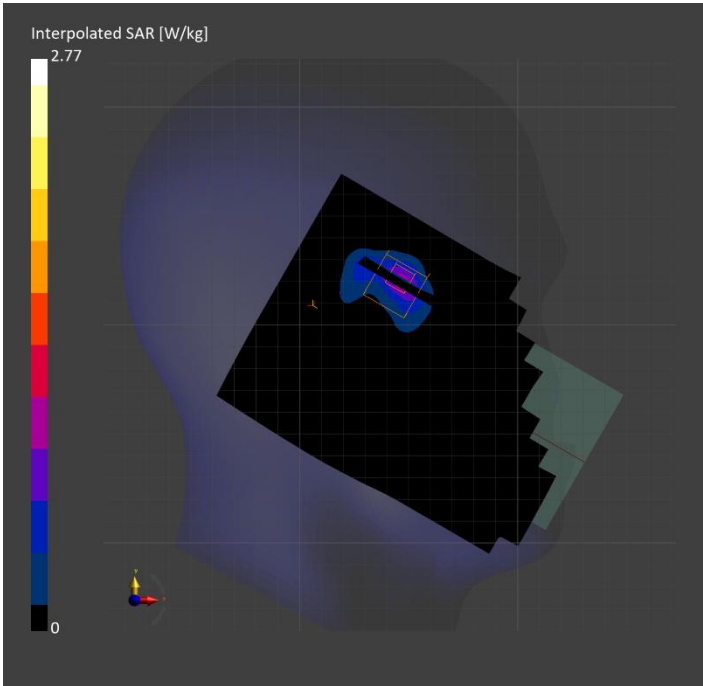
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	38.0 x 38.0 x 33.4
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%]		68.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.78, 46.4, 321.8, -170.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.720	0.809
psSAR10g [W/Kg]	0.277	0.289
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, BACK

Exposure Conditions

Band	Band n77	TSL Permittivity	38.4
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.73
Group UID	5G NR FR1 TDD 10973-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.52	Test Distance [mm]	5.00

Hardware Setup

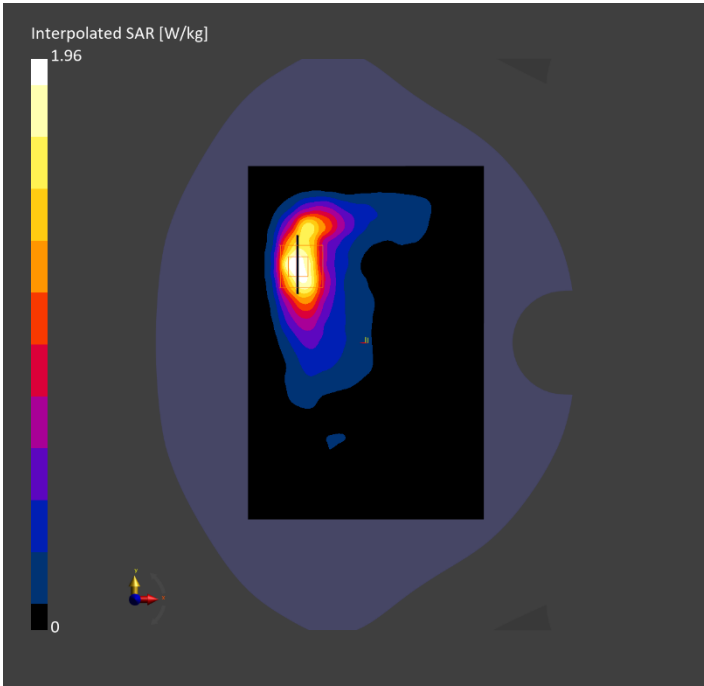
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		75.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.96, -59.7, 38.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.649	0.748
psSAR10g [W/Kg]	0.288	0.298
Power Drift [±0.2 dB]	N/A	-0.03



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	38.4
Frequency [MHz] Channel Number	3500.010 633334	TSL Conductivity [S/m]	2.73
Group UID	5G NR FR1 TDD 10973-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.52	Test Distance [mm]	10.00

Hardware Setup

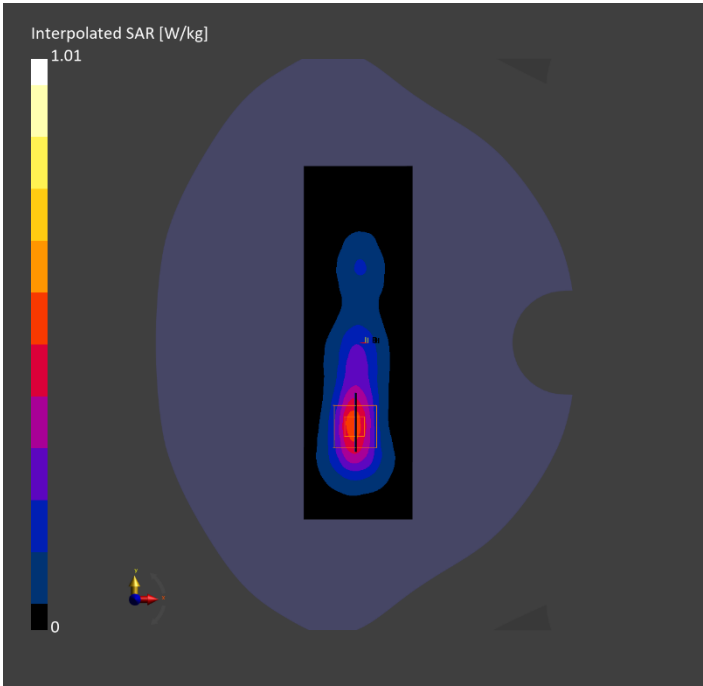
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		77.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.01, -31.0, -42.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.418	0.428
psSAR10g [W/Kg]	0.180	0.182
Power Drift [±0.2 dB]	N/A	0.03



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

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n77	TSL Permittivity	39.2
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.13
Group UID	5G NR FR1 TDD 10973-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.02	Test Distance [mm]	0.00

Hardware Setup

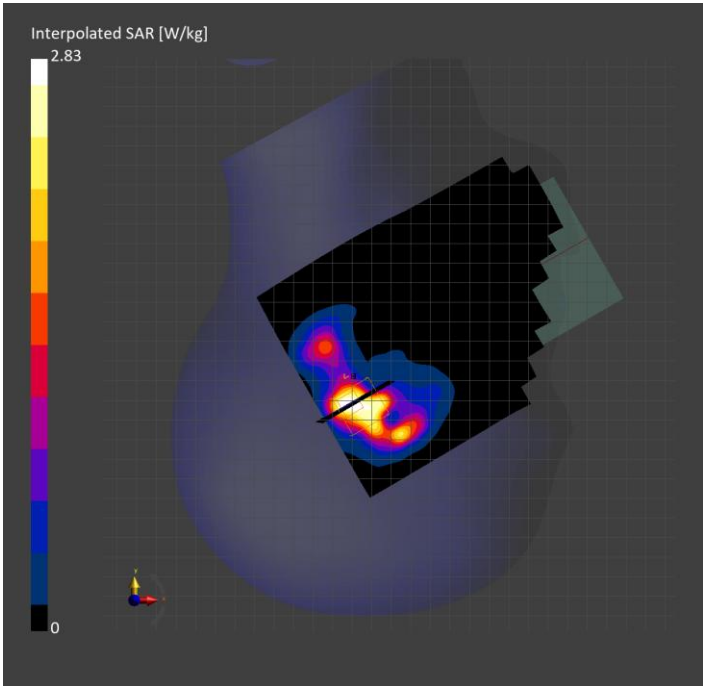
Probe Calibration Date	EX3DV4 - SN3686 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	38.7 x 38.7 x 29.1
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		69.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.7
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.83, 8.3, -321.8, -168.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.642	0.861
psSAR10g [W/Kg]	0.270	0.277
Power Drift [±0.2 dB]	N/A	0.09



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	40.1
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.02
Group UID	5G NR FR1 TDD 10866-AAF	Phantom Section TSL	Flat HSL
Conversion Factor	6.02	Test Distance [mm]	5.00

Hardware Setup

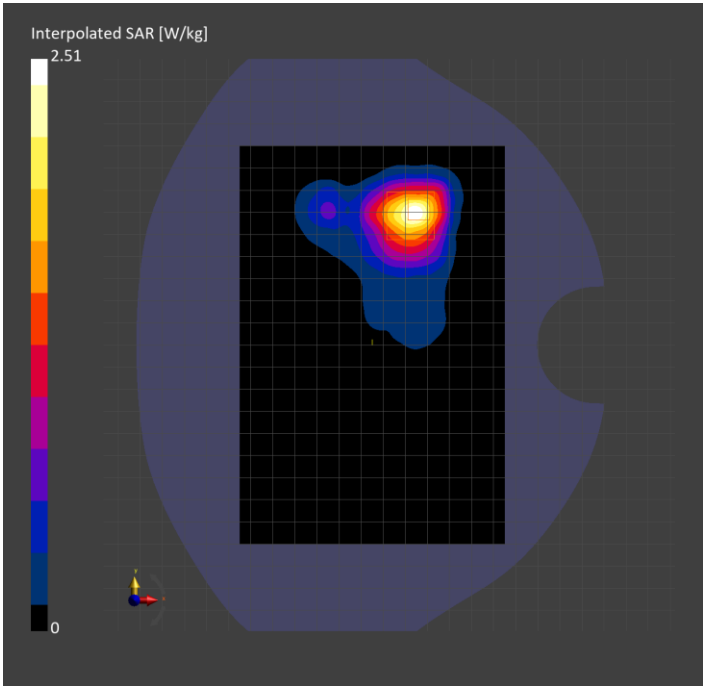
Probe Calibration Date	EX3DV4 - SN3686 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1259 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	40.0 x 40.0 x 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]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.51, -3.8, 61.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.821	0.879
psSAR10g [W/Kg]	0.348	0.365
Power Drift [±0.2 dB]	N/A	-0.01



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

AntennaCfg:SISO, EDGE RIGHT

Exposure Conditions

Band	Band n77	TSL Permittivity	40.2
Frequency [MHz] Channel Number	3858.000 657200	TSL Conductivity [S/m]	3.02
Group UID	5G NR FR1 TDD 10917-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.4	Test Distance [mm]	10.00

Hardware Setup

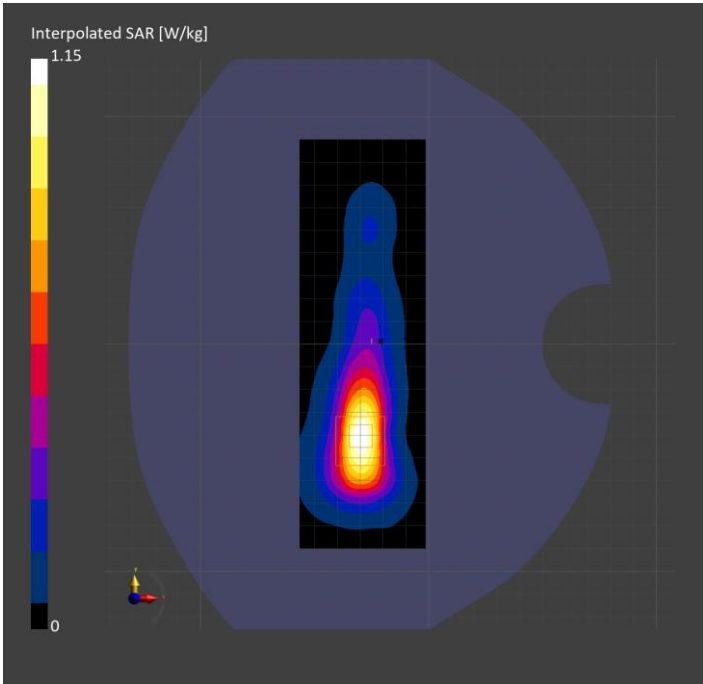
Probe Calibration Date	EX3DV4 - SN7808 2025-03-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2025-02-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 30.0 x 29.1
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		74.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.15, -29.8, -40.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.442	0.447
psSAR10g [W/Kg]	0.186	0.182
Power Drift [±0.2 dB]	N/A	-0.05



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	38.9
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.87
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

Hardware Setup

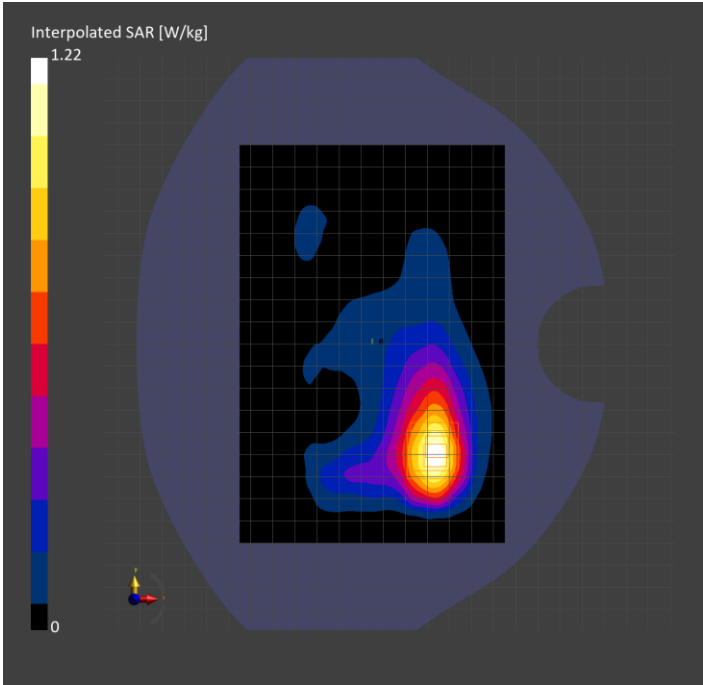
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		85.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.22, 4.4, -46.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.717	0.699
psSAR10g [W/Kg]	0.370	0.367
Power Drift [±0.2 dB]	N/A	-0.06



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.9
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.87
Group UID	WLAN 10415-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.87	Test Distance [mm]	0.00

Hardware Setup

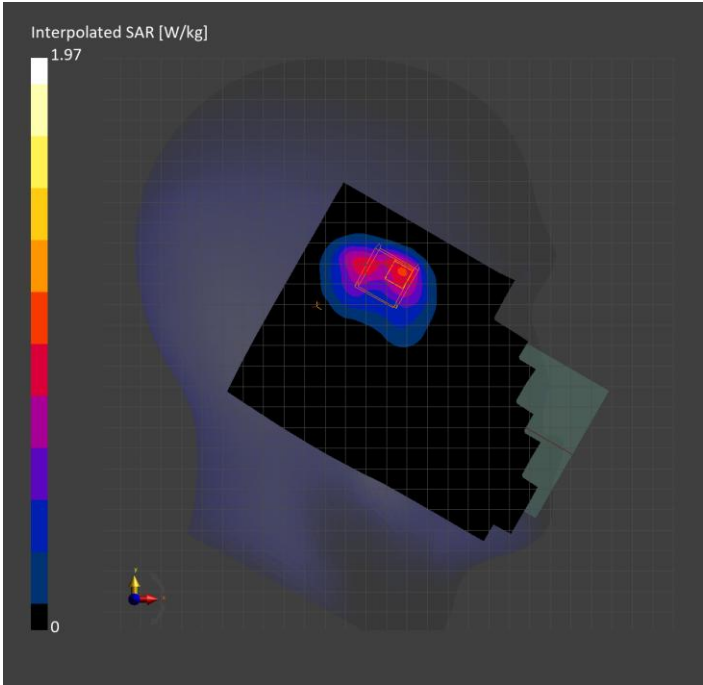
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	46.0 x 46.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		76.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.97, 46.4, 325.3, -169.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.754	0.838
psSAR10g [W/Kg]	0.382	0.402
Power Drift [±0.2 dB]	-0.01	-0.06



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.77
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	10.00

Hardware Setup

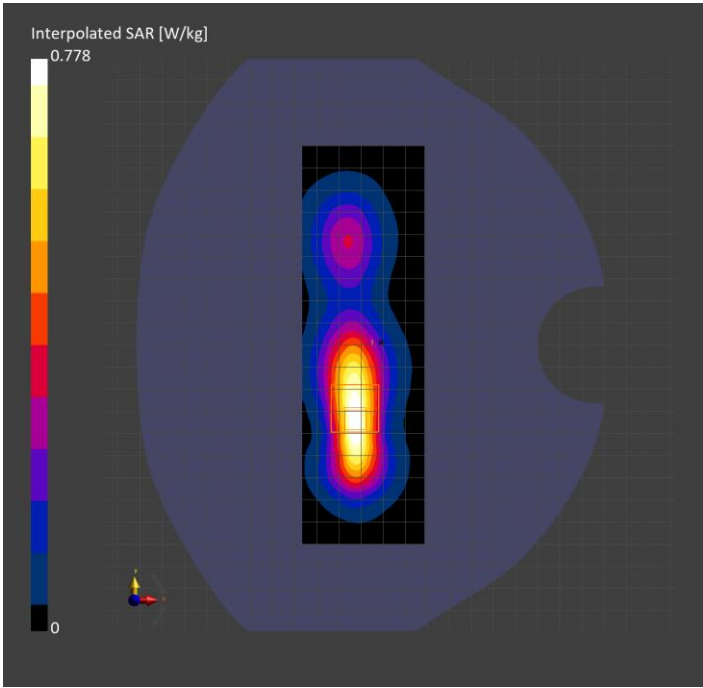
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 35.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		81.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.778, -32.3, -34.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.395	0.404
psSAR10g [W/Kg]	0.196	0.206
Power Drift [±0.2 dB]	0.03	-0.10



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.47
Group UID	WLAN 10114-CAE	Phantom Section TSL	RightHead HSL
Conversion Factor	6.15	Test Distance [mm]	0.00

Hardware Setup

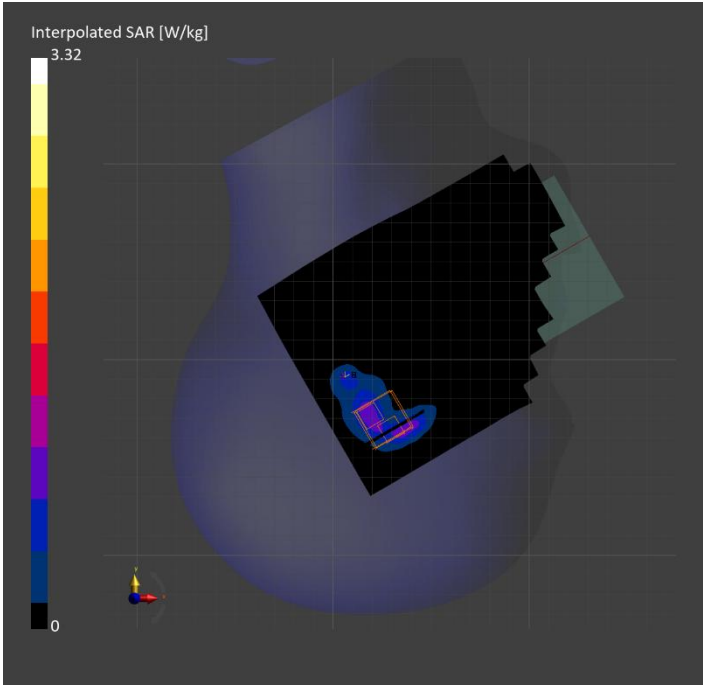
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	37.0 x 37.0 x 22.9
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%]		61.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.32, 29.5, -336.0, -169.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.684	0.748
psSAR10g [W/Kg]	0.250	0.279
Power Drift [±0.2 dB]	N/A	0.11



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.47
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	6.15	Test Distance [mm]	5.00

Hardware Setup

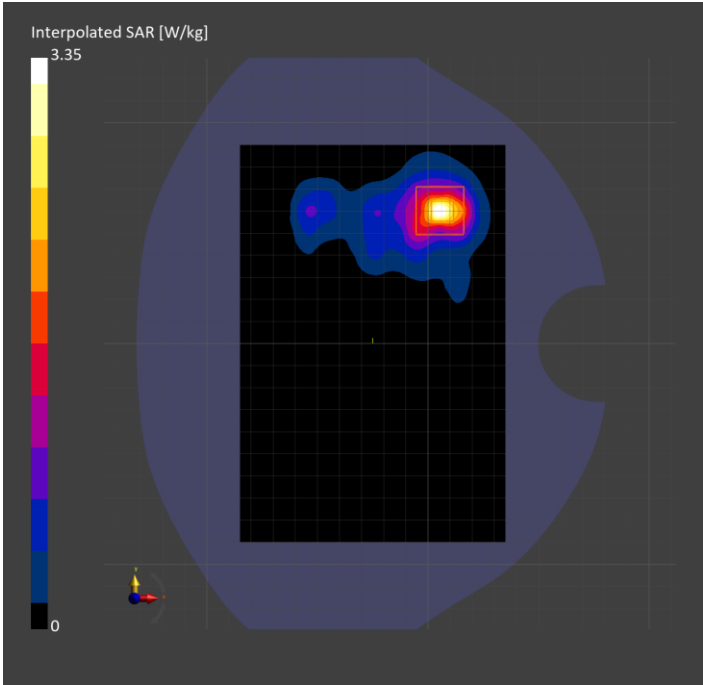
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		62.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.35, 6.7, 59.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.784	0.837
psSAR10g [W/Kg]	0.265	0.281
Power Drift [±0.2 dB]	N/A	-0.07



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.2
Frequency [MHz] Channel Number	5270.000 54	TSL Conductivity [S/m]	4.47
Group UID	WLAN 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	6.15	Test Distance [mm]	10.00

Hardware Setup

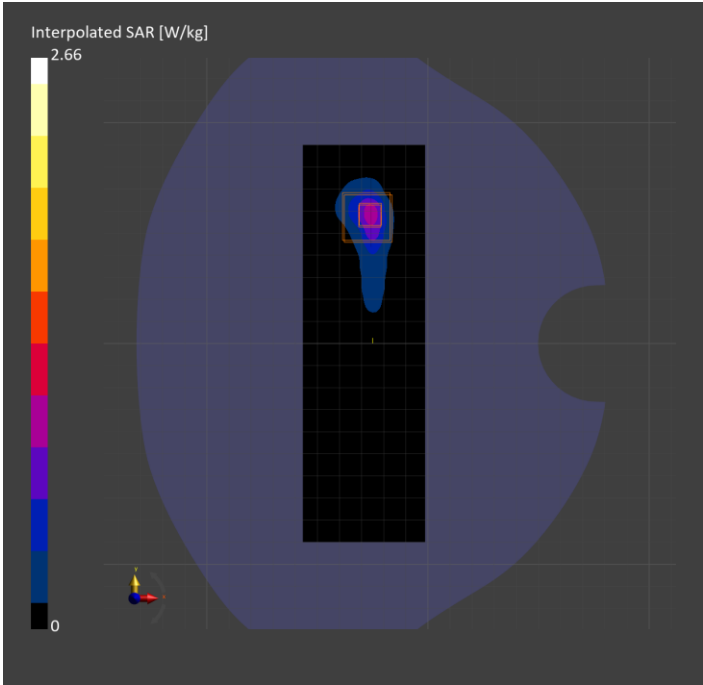
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	32.0 x 32.0 x 22.9
Grid Steps [mm]	7.9 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		62.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.66, -26.1, 58.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.666	0.674
psSAR10g [W/Kg]	0.210	0.213
Power Drift [±0.2 dB]	N/A	-0.02



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.6
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	5.19
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.29	Test Distance [mm]	5.00

Hardware Setup

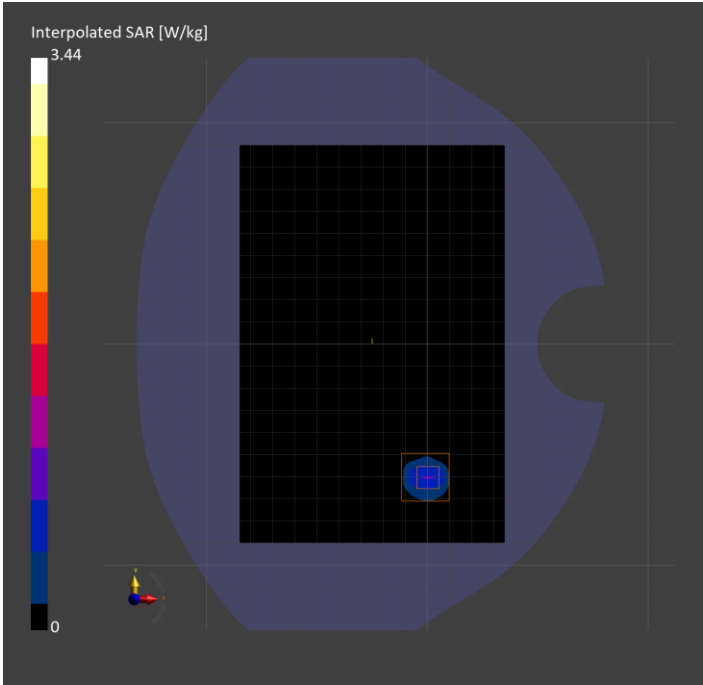
Probe Calibration Date	EX3DV4 - SN7657 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 28.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		60.7
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.44, 0.3, -60.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.619	0.774
psSAR10g [W/Kg]	0.175	0.189
Power Drift [±0.2 dB]	N/A	0.04



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.1
Frequency [MHz] Channel Number	5690.000 138	TSL Conductivity [S/m]	4.93
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.73	Test Distance [mm]	0.00

Hardware Setup

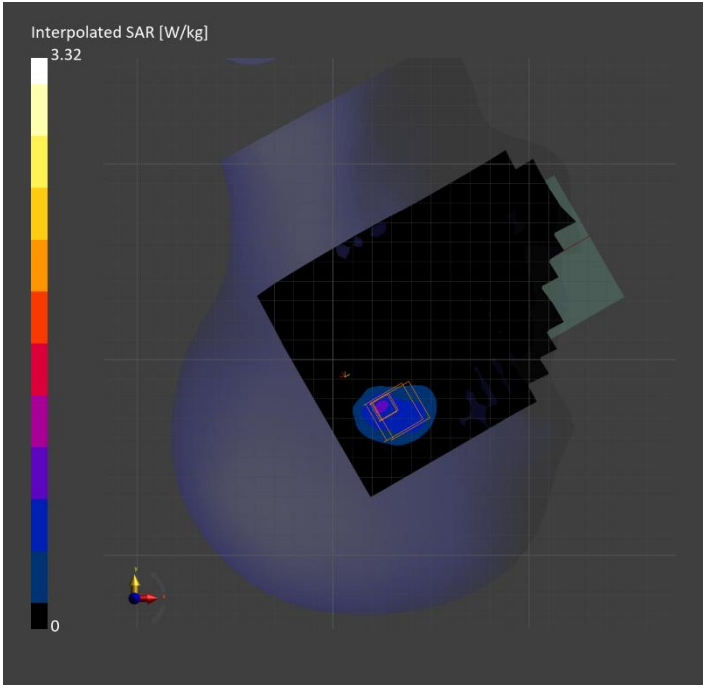
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	42.9 x 39.0 x 22.9
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%]		64.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.5
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.32, 26.0, -324.1, -172.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.623	0.745
psSAR10g [W/Kg]	0.248	0.270
Power Drift [±0.2 dB]	N/A	0.10



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	32.7
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	5.40
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.8	Test Distance [mm]	5.00

Hardware Setup

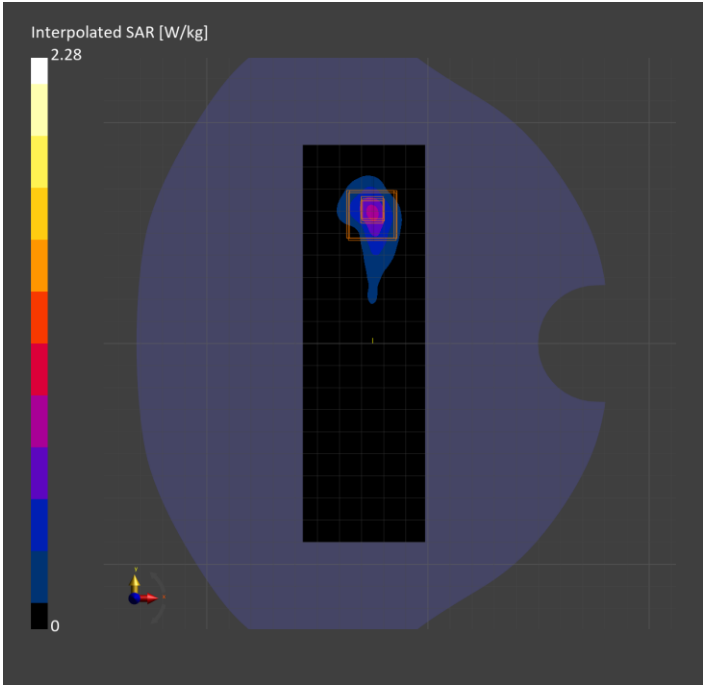
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	47.4 x 180.0	32.0 x 32.0 x 22.9	32.0 x 32.0 x 22.9
Grid Steps [mm]	7.9 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [> 30%]		61.3	57.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.9	7.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.20, -25.3, 61.6, -202.0	2.28, -24.7, 60.5, -202.0

Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.532	0.540	0.531
psSAR10g [W/Kg]	0.171	0.174	0.172
Power Drift [±0.2 dB]	N/A	-0.26	-0.29



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.3
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.09
Group UID	WLAN 10544-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	5.35	Test Distance [mm]	0.00

Hardware Setup

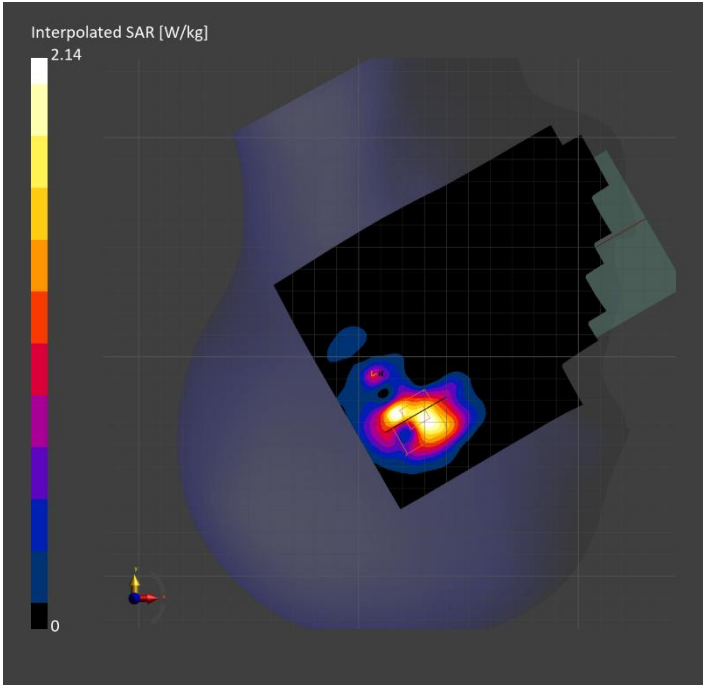
Probe Calibration Date	EX3DV4 - SN7657 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1797 2025-05-09	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.5 x 31.5 x 22.9
Grid Steps [mm]	10.0 x 10.0	3.5 x 3.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		64.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.14, 25.3, -326.4, -169.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.390	0.476
psSAR10g [W/Kg]	0.144	0.159
Power Drift [±0.2 dB]	N/A	-0.03



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.0
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.17
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.73	Test Distance [mm]	5.00

Hardware Setup

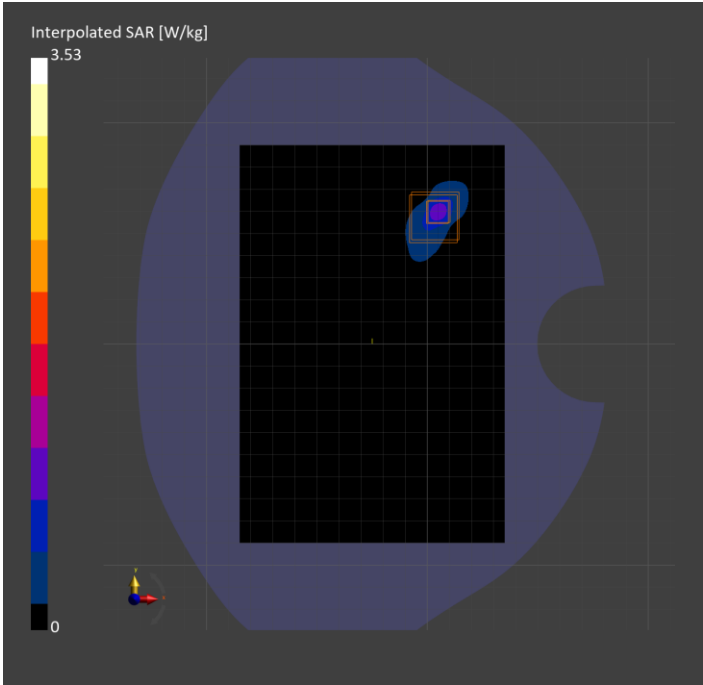
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.2 x 31.2 x 22.9
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%]		57.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	3.53, 5.3, 60.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.694	0.734
psSAR10g [W/Kg]	0.200	0.213
Power Drift [±0.2 dB]	N/A	-0.07



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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	32.5
Frequency [MHz] Channel Number	5775.000 155	TSL Conductivity [S/m]	5.68
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.73	Test Distance [mm]	10.00

Hardware Setup

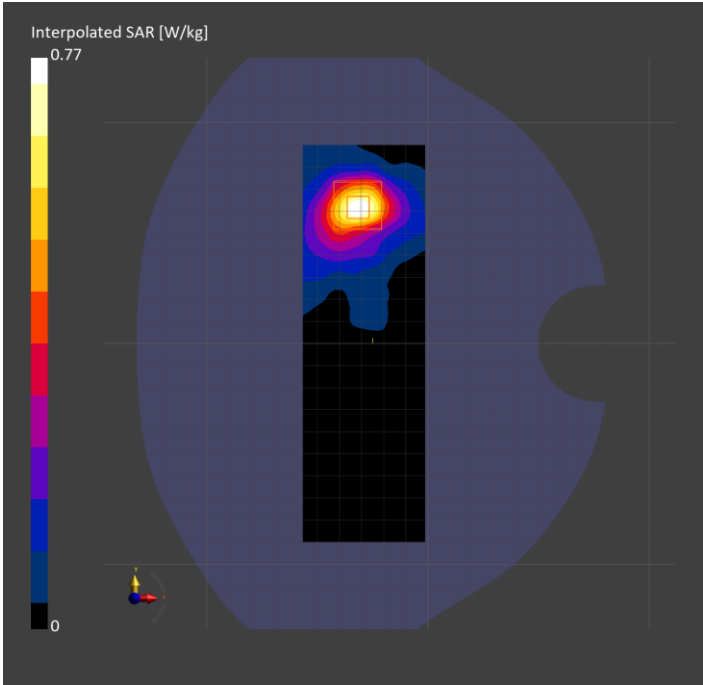
Probe Calibration Date	EX3DV4 - SN3989 2025-01-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1546 2025-03-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	24.0 x 24.0 x 22.9
Grid Steps [mm]	7.9 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		57.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.770, -31.4, 61.8, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.187	0.190
psSAR10g [W/Kg]	0.070	0.063
Power Drift [±0.2 dB]	N/A	-0.03



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	42.3
Frequency [MHz] Channel Number	2444.000 2444000	TSL Conductivity [S/m]	1.64
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

Hardware Setup

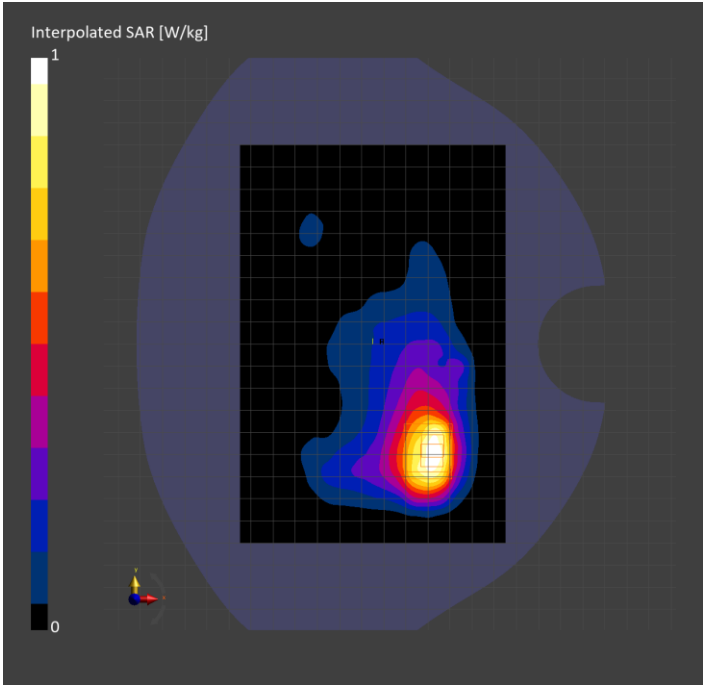
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		84.1
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		10.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.00, 2.0, -46.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.580	0.579
psSAR10g [W/Kg]	0.304	0.313
Power Drift [±0.2 dB]	N/A	-0.02



Custom Band: CW, EDGE LEFT

Exposure Conditions

Band	Custom Band	TSL Permittivity	42.3
Frequency [MHz] Channel Number	2444.000 2444000	TSL Conductivity [S/m]	1.64
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	6.87	Test Distance [mm]	10.00

Hardware Setup

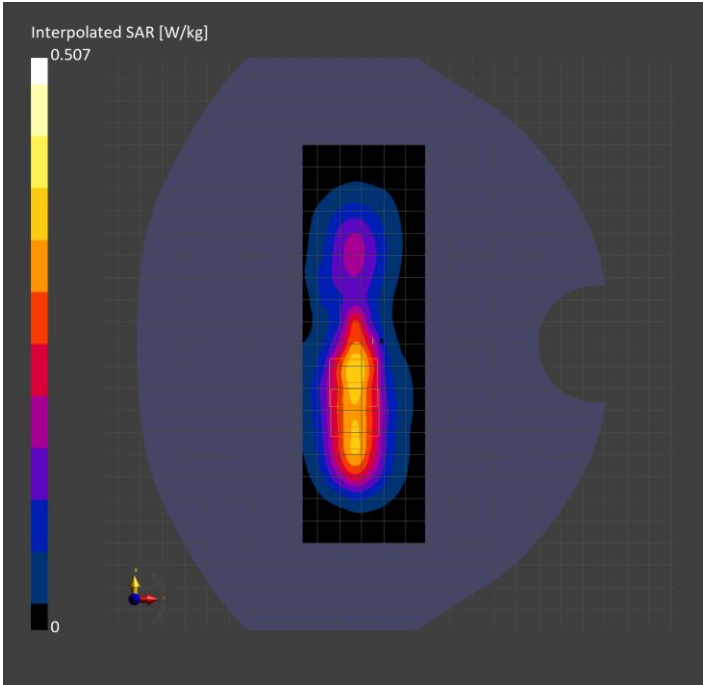
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 180.0	30.0 x 40.0 x 31.2
Grid Steps [mm]	7.9 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		82.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		12.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.507, -33.2, -42.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.294	0.281
psSAR10g [W/Kg]	0.151	0.157
Power Drift [±0.2 dB]	N/A	-0.05



Custom Band: CW, CHEEK

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.6
Frequency [MHz] Channel Number	2444.000 19	TSL Conductivity [S/m]	1.65
Group UID	CW 0--	Phantom Section TSL	LeftHead HSL
Conversion Factor	6.87	Test Distance [mm]	0.00

Hardware Setup

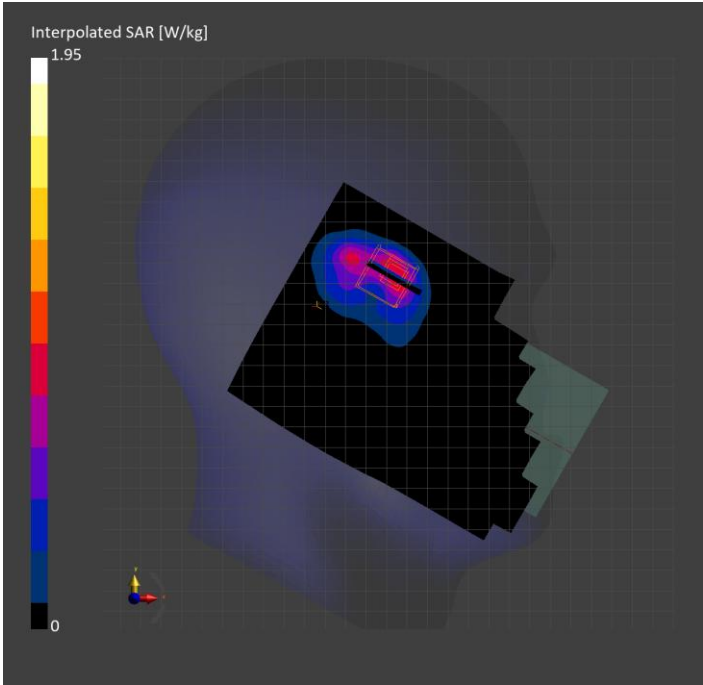
Probe Calibration Date	EX3DV4 - SN7897 2025-10-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4ip Sn1882 2025-10-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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%]		76.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.9
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.95, 43.7, 326.2, -170.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.720	0.827
psSAR10g [W/Kg]	0.360	0.391
Power Drift [±0.2 dB]	N/A	-0.06



Custom Band: CW, FRONT

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.6
Frequency [MHz] Channel Number	1610.200 1610200	TSL Conductivity [S/m]	1.19
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.8	Test Distance [mm]	0.00

Hardware Setup

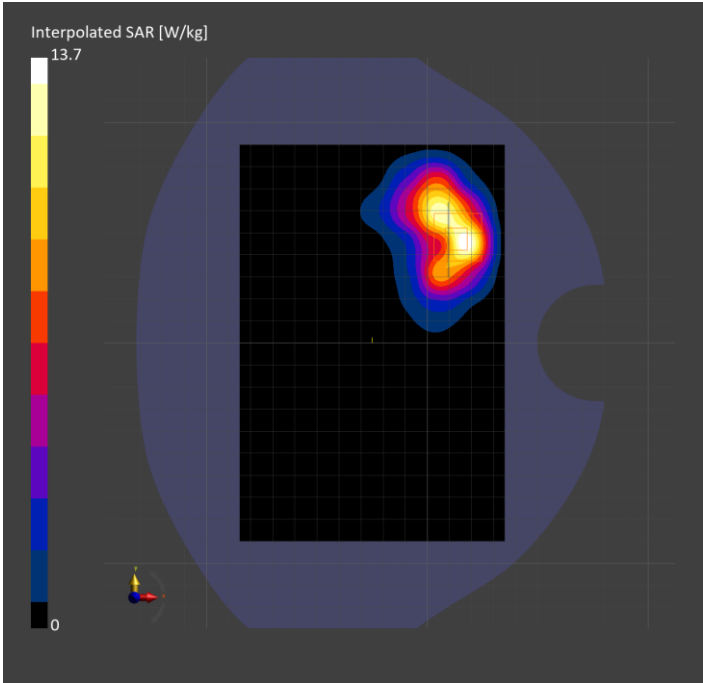
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	34.2 x 34.2 x 33.4
Grid Steps [mm]	15.0 x 15.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		73.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	13.7, 13.8, 48.0, -196.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.64	4.56
psSAR10g [W/Kg]	1.50	2.02
Power Drift [±0.2 dB]	N/A	-0.03



Custom Band: CW, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	55.7
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.687
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	14.73	Test Distance [mm]	0.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN3991 2025-10-16	Phantom	ELI V4.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2025-01-15	TSL Type	HBBL4-250V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	48.0 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%]		4.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		0.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.131, 17.8, 98.1, -179.6

Measurement Results

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

