

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

FCC ID A3LSMA185G	RF EXPOSURE TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX B

ELEMENT

DUT: Dipole 13.000 MHz; Type: CLA-13 - SN1002

Communication System: UID: 0, CW; Frequency: 13.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 13.000 MHz; cond = 0.768 S/m; perm = 57.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 07/28/2026; Ambient Temp: 22.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7570; ConvF:(19.27,21.05,18.22); Calibrated: 2026-02-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; Calibrated: 2026-02-09
Phantom: ELI V8.0; Serial: 2077
Measurement SW: DASY Module SAR V16.4.0.5005

13.0 MHz System Verification at 30.0 dBm (1000 mW)

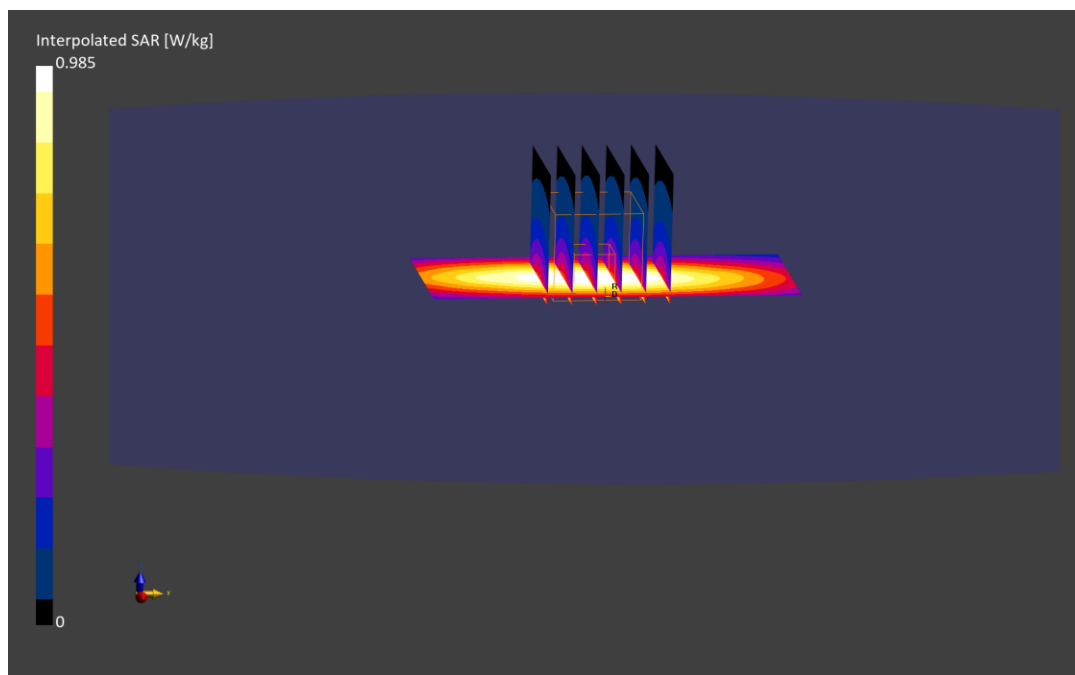
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.312 W/kg

Deviation (1 g) = -0.40%; Deviation (10 g) = -1.27%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1003

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 750.000 MHz; cond = 0.874 S/m; perm = 41.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/08/2026; Ambient Temp: 22.0°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7546; ConvF:(10.16,9.54,9.78); Calibrated: 2026-04-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2026-04-21
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V18.0.0.7250

750.0 MHz System Verification at 23.0 dBm (200 mW)

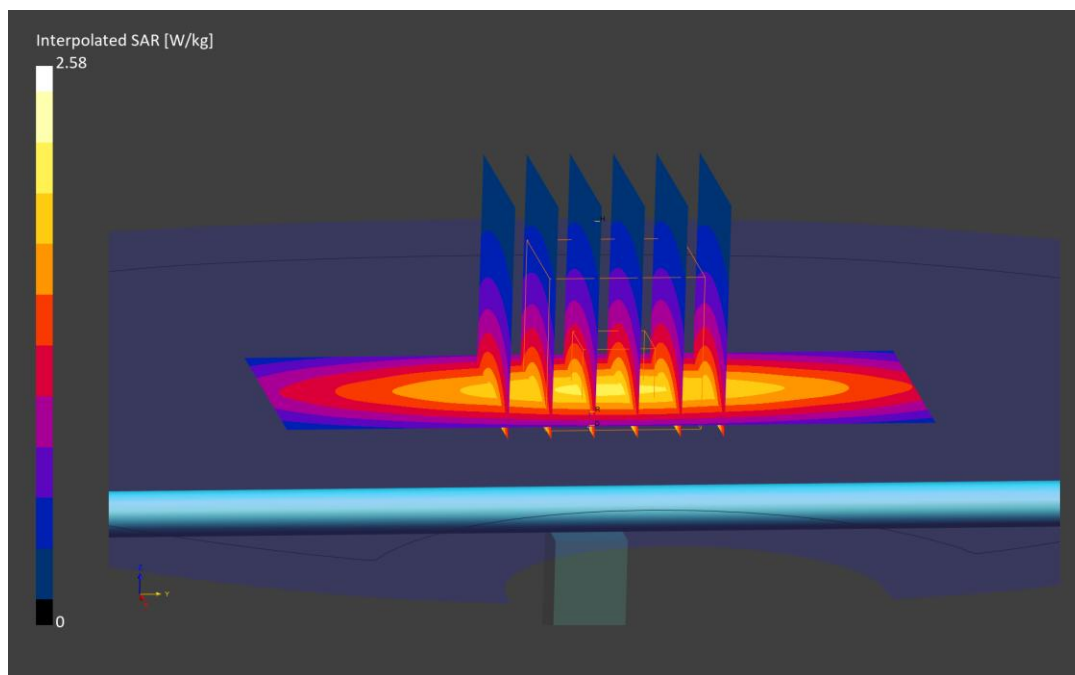
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 3.08%; Deviation (10 g) = 5.79%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.872$ S/m; $\text{perm} = 43.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 07/13/2026; Ambient Temp: 21.8°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7803; ConvF:(9.58,9.58,9.92); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1583; Calibrated: 2025-10-13

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V18.0.0.7250

750.0 MHz System Verification at 23.0 dBm (200 mW)

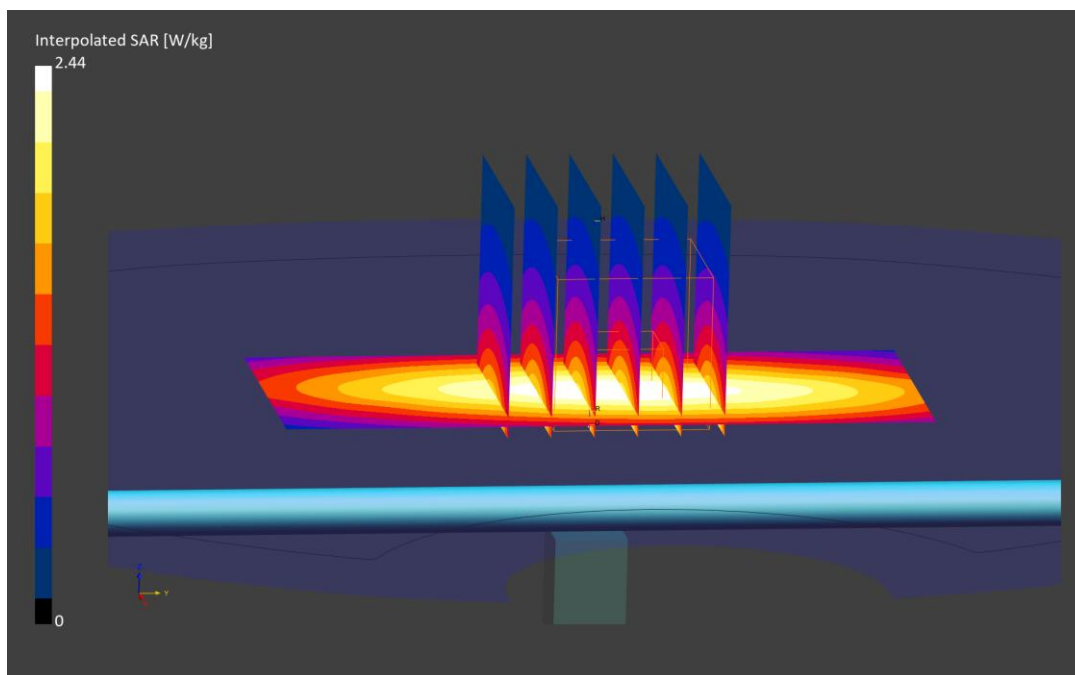
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 1.68 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = -2.33%; Deviation (10 g) = 1.60%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1003

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 750.000 MHz; cond = 0.865 S/m; perm = 43.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/20/2026; Ambient Temp: 21.5°C; Tissue Temp: 23.6°C

Probe: EX3DV4 - SN7803; ConvF:(9.58,9.58,9.92); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V18.0.0.7250

750.0 MHz System Verification at 23.0 dBm (200 mW)

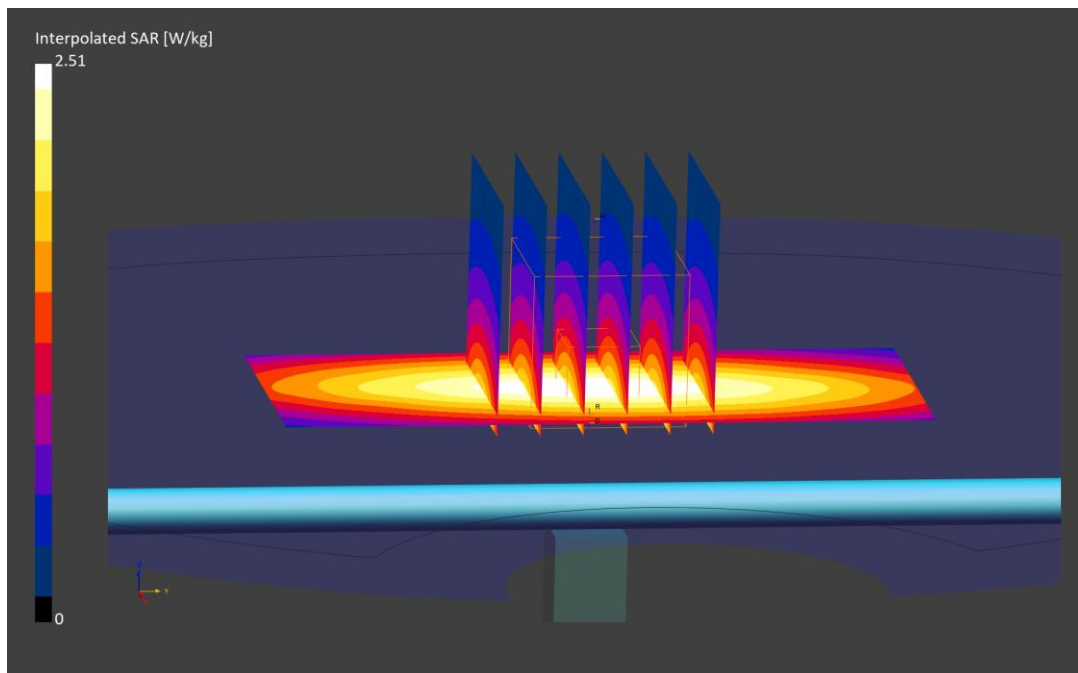
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.18 W/kg

Deviation (1 g) = 3.67%; Deviation (10 g) = 6.69%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d180

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.903$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 07/08/2026; Ambient Temp: 22.0°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7546; ConvF:(9.64,9.06,9.29); Calibrated: 2026-04-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1368; Calibrated: 2026-04-21

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V18.0.0.7250

835.0 MHz System Verification at 23.0 dBm (200 mW)

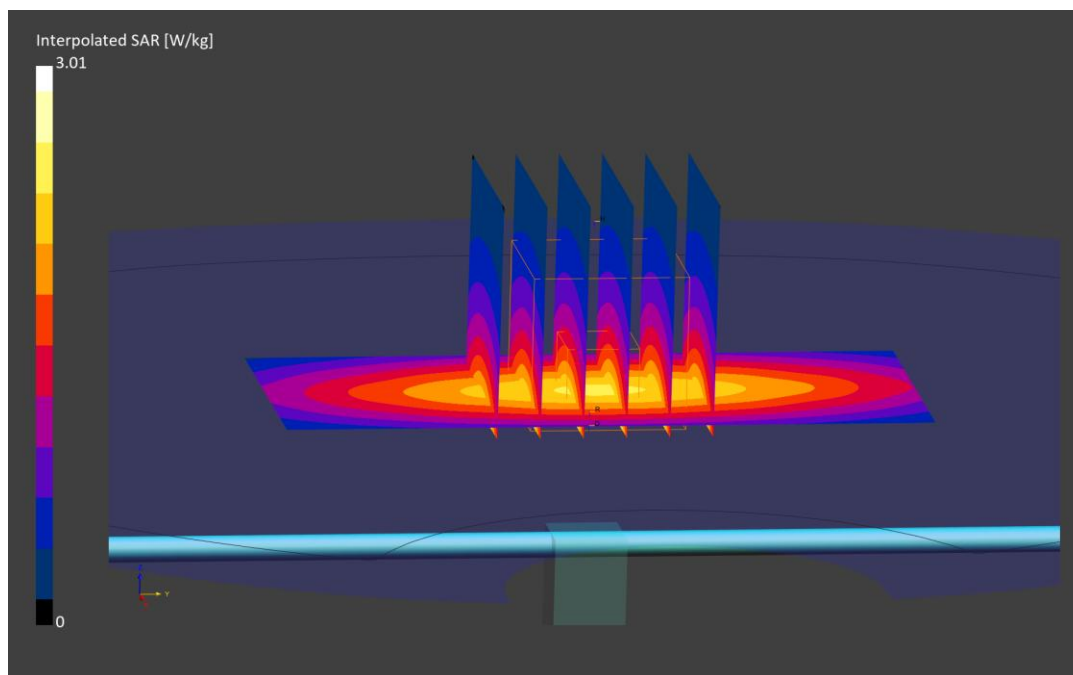
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.34 W/kg

Deviation (1 g) = 2.24%; Deviation (10 g) = 3.88%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.867 S/m; perm = 42.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 07/13/2026; Ambient Temp: 21.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7546; ConvF:(9.64,9.06,9.29); Calibrated: 2026-04-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1368; Calibrated: 2026-04-21

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V18.0.0.7250

835.0 MHz System Verification at 23.0 dBm (200 mW)

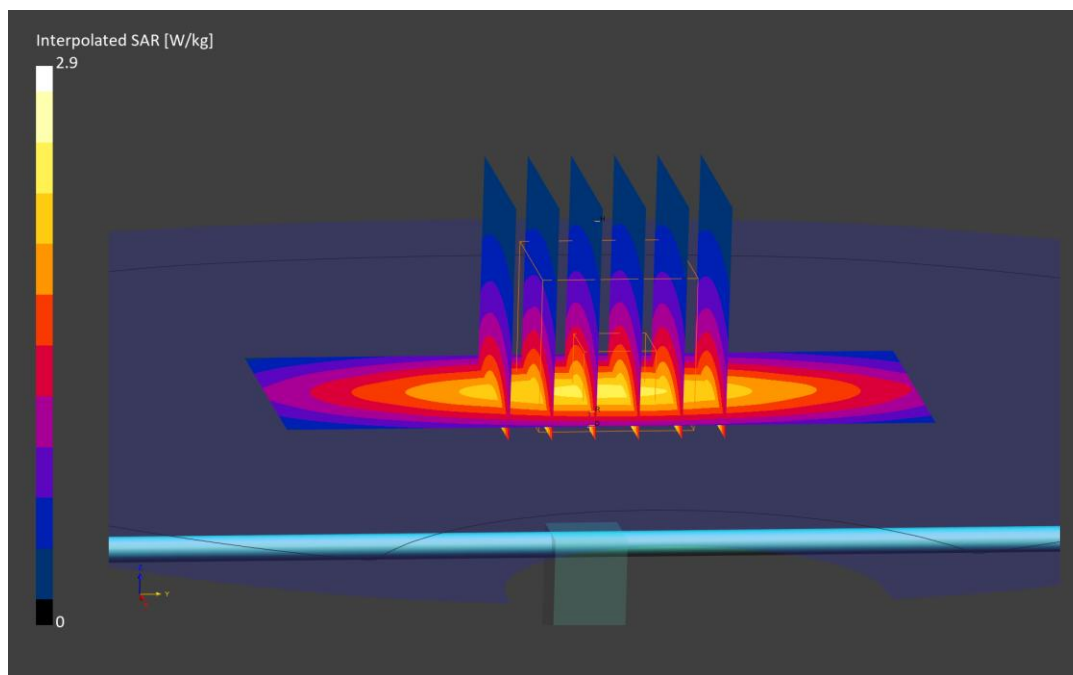
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.31 W/kg

Deviation (1 g) = 1.34%; Deviation (10 g) = 2.83%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.869$ S/m; $\text{perm} = 42.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 07/20/2026; Ambient Temp: 22.0°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7546; ConvF:(9.64,9.06,9.29); Calibrated: 2026-04-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1368; Calibrated: 2026-04-21

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V18.0.0.7250

835.0 MHz System Verification at 23.0 dBm (200 mW)

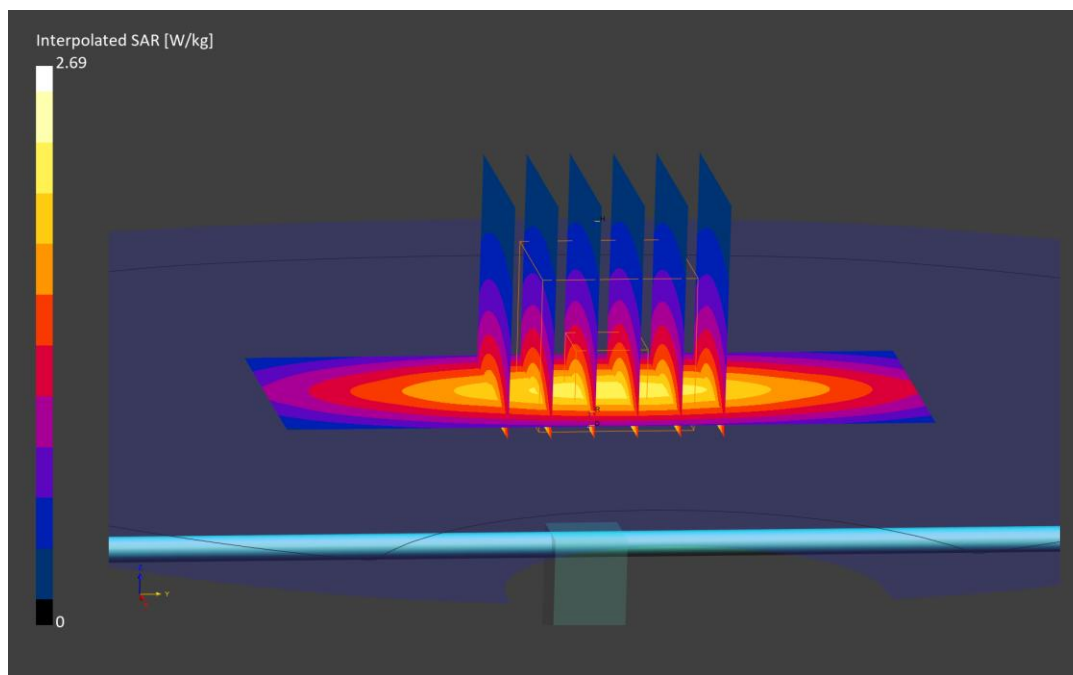
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 1.82 W/kg; SAR(10 g) = 1.22 W/kg

Deviation (1 g) = -5.89%; Deviation (10 g) = -4.24%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1051

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.32 S/m; perm = 38.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2026; Ambient Temp: 20.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7803; ConvF:(7.91,7.91,8.19); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V18.0.0.7250

1750.0 MHz System Verification at 20.0 dBm (100 mW)

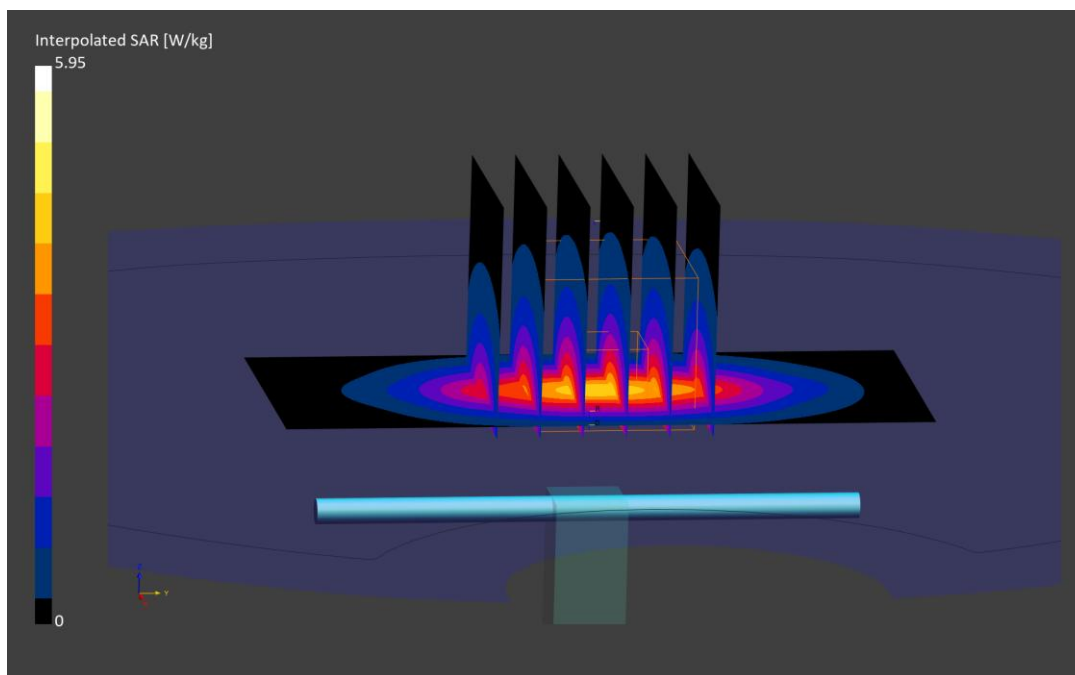
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 5.95 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 1.89 W/kg

Deviation (1 g) = -5.69%; Deviation (10 g) = -4.06%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1092

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.31 S/m; perm = 41.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/09/2026; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7402; ConvF:(7.73,8.56,8.06); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

1750.0 MHz System Verification at 20.0 dBm (100 mW)

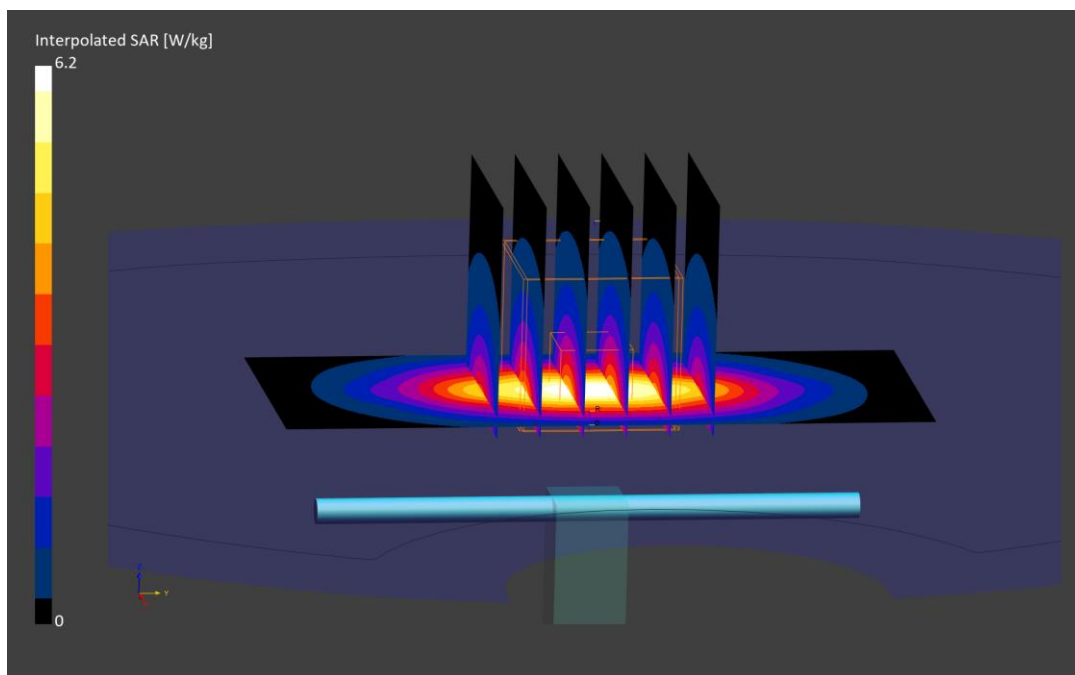
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.20 W/kg

SAR(1 g) = 3.58 W/kg; SAR(10 g) = 1.97 W/kg

Deviation (1 g) = -2.45%; Deviation (10 g) = 1.03%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1051

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 41.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/13/2026; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7402; ConvF:(7.73,8.56,8.06); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

1750.0 MHz System Verification at 20.0 dBm (100 mW)

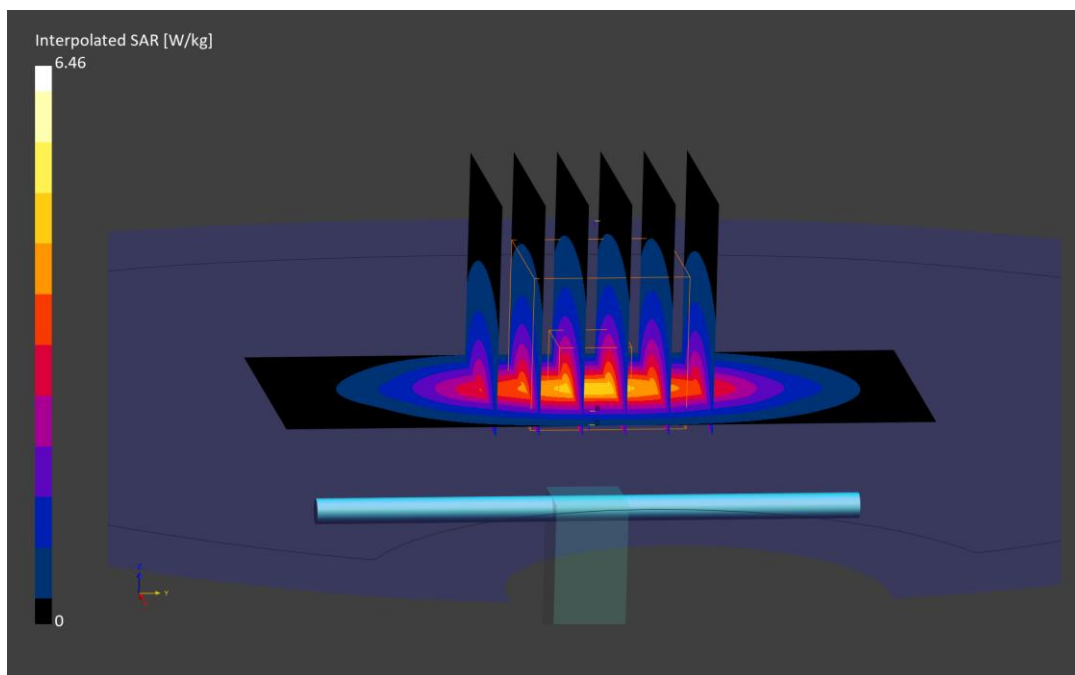
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.46 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 2.02 W/kg

Deviation (1 g) = 0.81%; Deviation (10 g) = 2.54%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1051

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.31 S/m; perm = 40.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/31/2026, Ambient Temp: 21.3°C, Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7402; ConvF:(7.73,8.56,8.06); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

1750.0 MHz System Verification at 20.0 dBm (100 mW)

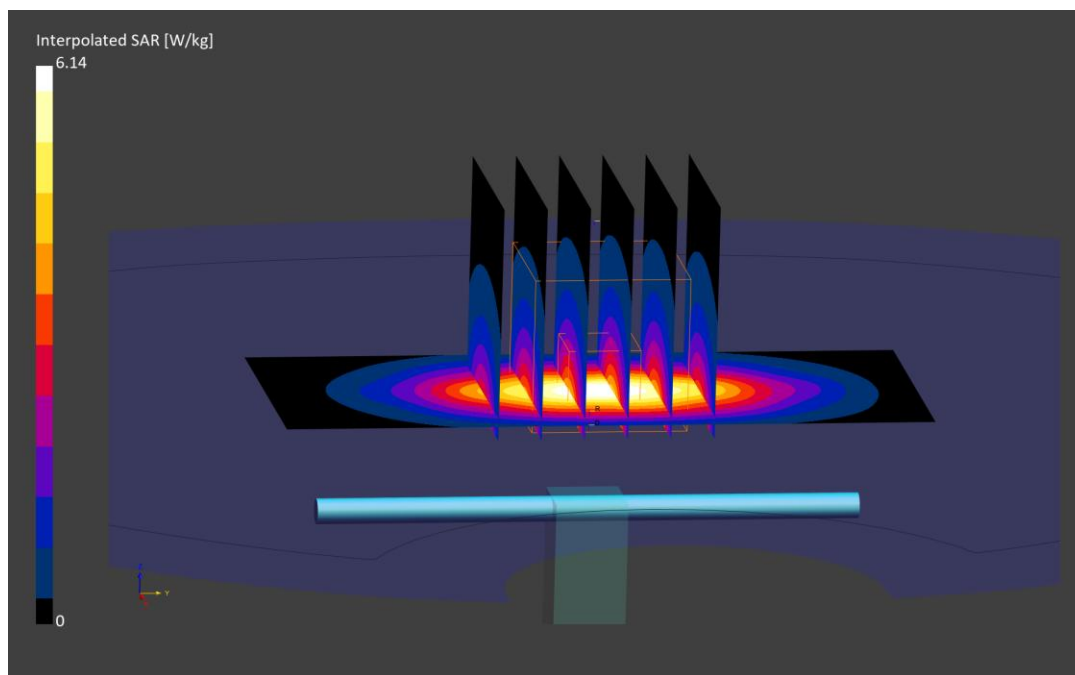
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 3.55 W/kg; SAR(10 g) = 1.94 W/kg

Deviation (1 g) = -3.79%; Deviation (10 g) = -1.52%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d026

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 1900.000$ MHz; $\text{cond} = 1.38$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/09/2026; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7402; ConvF:(7.63,8.44,7.96); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

1900.0 MHz System Verification at 20.0 dBm (100 mW)

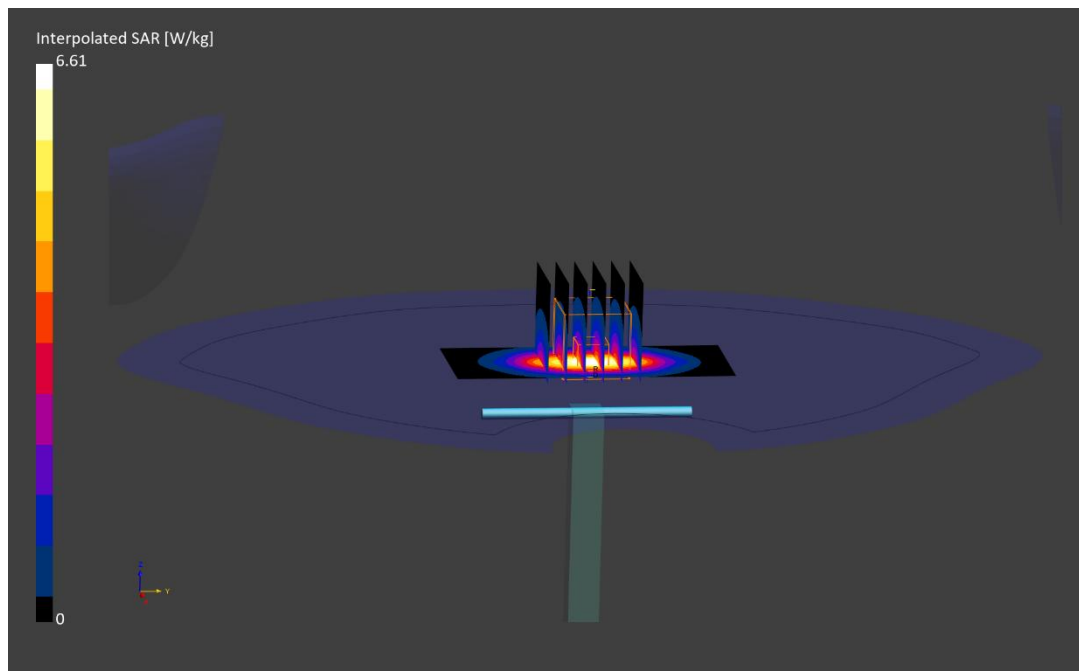
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.61 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.04 W/kg

Deviation (1 g) = -6.16%; Deviation (10 g) = -4.67%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d141

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 1900.000$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/09/2026; Ambient Temp: 21.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7803; ConvF:(7.84,7.84,8.12); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V18.0.0.7250

1900.0 MHz System Verification at 20.0 dBm (100 mW)

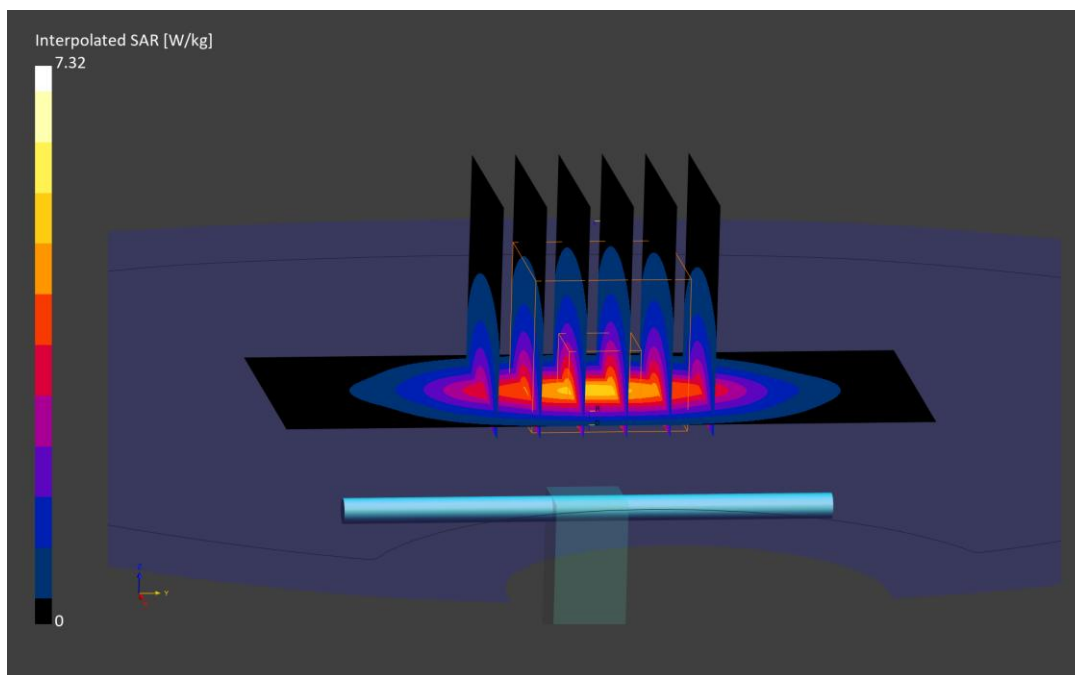
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.32 W/kg

SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.16 W/kg

Deviation (1 g) = 1.48%; Deviation (10 g) = 0.47%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d141

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 1900.000$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 40.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/13/2026, Ambient Temp: 21.5°C, Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7402; ConvF:(7.63,8.44,7.96); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

1900.0 MHz System Verification at 20.0 dBm (100 mW)

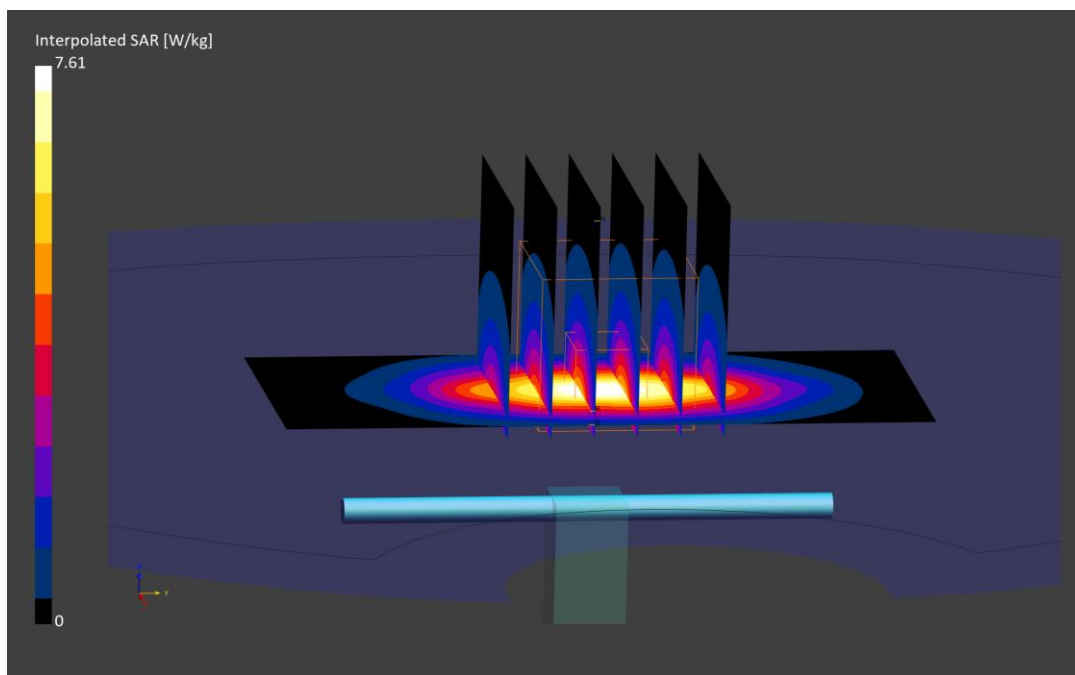
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.61 W/kg

SAR(1 g) = 4.32 W/kg; SAR(10 g) = 2.28 W/kg

Deviation (1 g) = 6.40%; Deviation (10 g) = 6.05%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d141

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1900.000 MHz; cond = 1.45 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/05/2026, Ambient Temp: 22.1°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7402; ConvF:(7.63,8.44,7.96); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

1900.0 MHz System Verification at 20.0 dBm (100 mW)

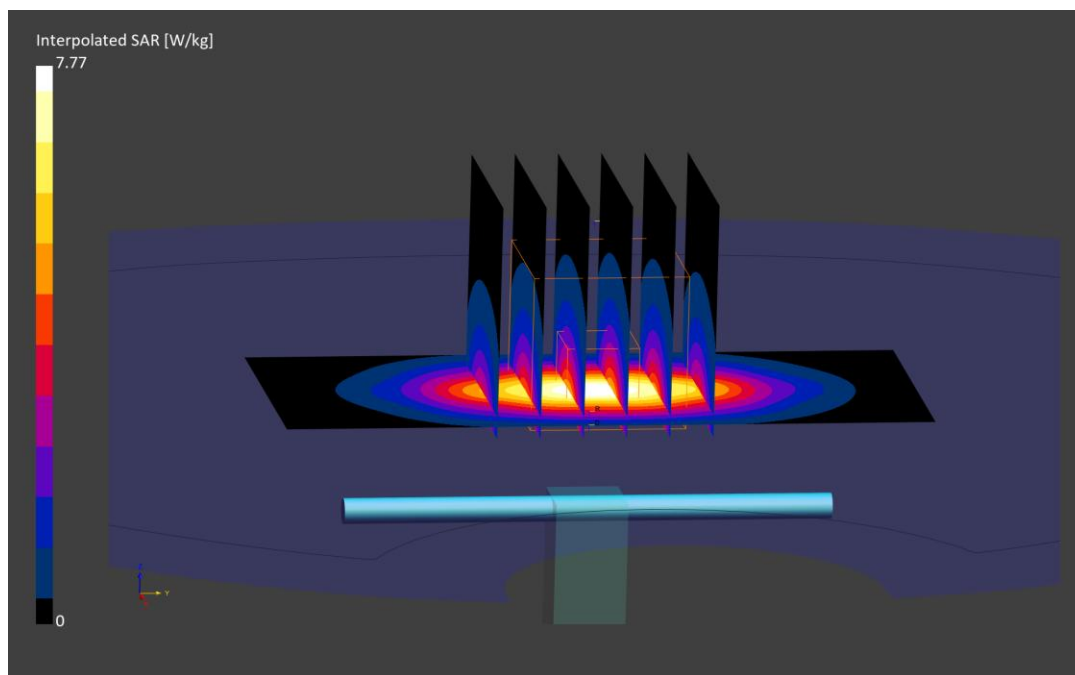
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.77 W/kg

SAR(1 g) = 4.27 W/kg; SAR(10 g) = 2.21 W/kg

Deviation (1 g) = 5.17%; Deviation (10 g) = 2.79%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 39.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2026, Ambient Temp: 22.2°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7402; ConvF:(7.24,8.01,7.55); Calibrated: 2026-05-26

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1502; Calibrated: 2026-05-21

Phantom: Twin-SAM V8.0; Serial: 2063

Measurement SW: DASY Module SAR V18.0.0.7250

2450.0 MHz System Verification at 20.0 dBm (100 mW)

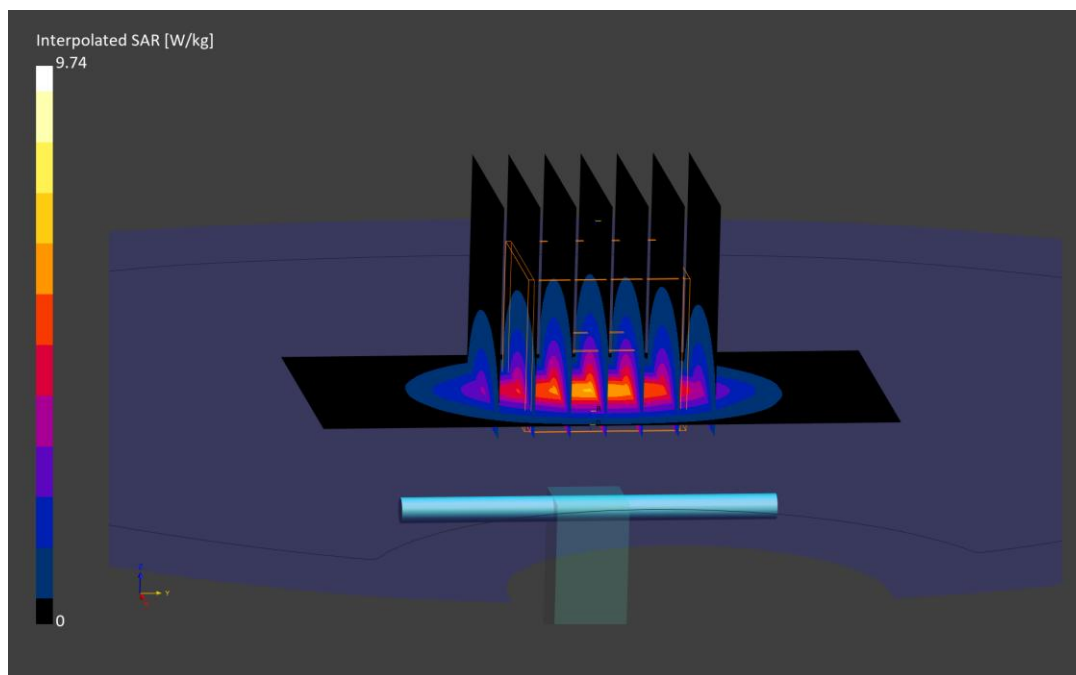
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.74 W/kg

SAR(1 g) = 4.96 W/kg; SAR(10 g) = 2.33 W/kg

Deviation (1 g) = -3.50%; Deviation (10 g) = -2.92%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.77$ S/m; $\text{perm} = 40.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/08/2026, Ambient Temp: 21.4°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7402; ConvF:(7.24,8.01,7.55); Calibrated: 2026-05-26

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1502; Calibrated: 2026-05-21

Phantom: Twin-SAM V8.0; Serial: 2063

Measurement SW: DASY Module SAR V18.0.0.7250

2450.0 MHz System Verification at 20.0 dBm (100 mW)

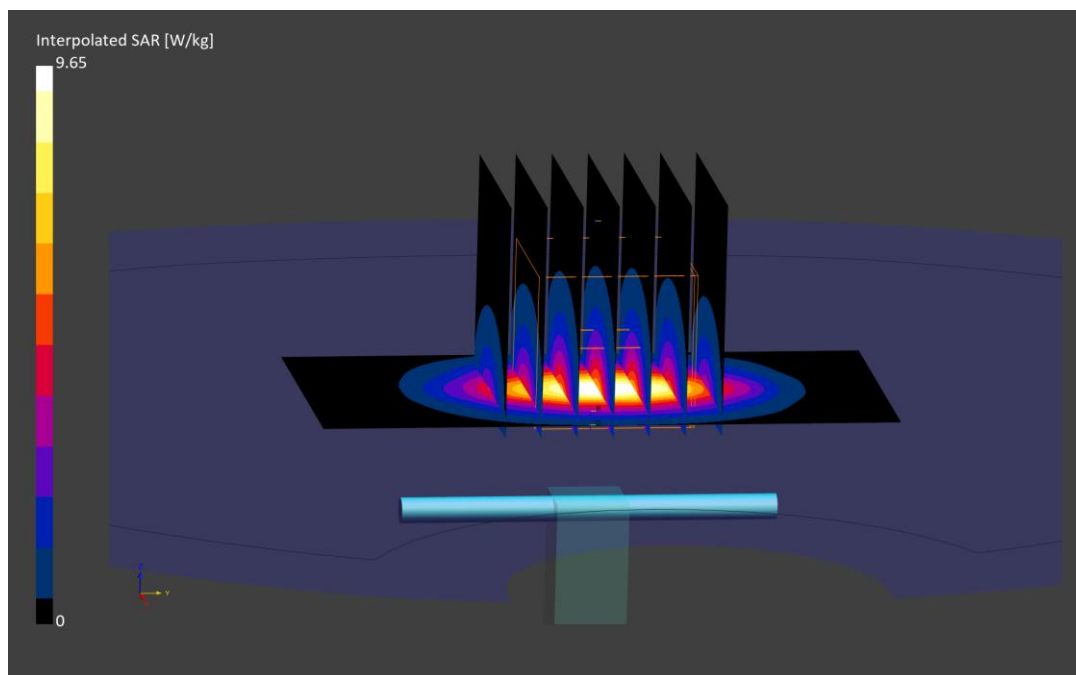
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.65 W/kg

SAR(1 g) = 5.04 W/kg; SAR(10 g) = 2.40 W/kg

Deviation (1 g) = -1.95%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN719

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.74$ S/m; $\text{perm} = 37.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/16/2026; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7539; ConvF:(7.12,6.76,7.63); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1450; Calibrated: 2026-03-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

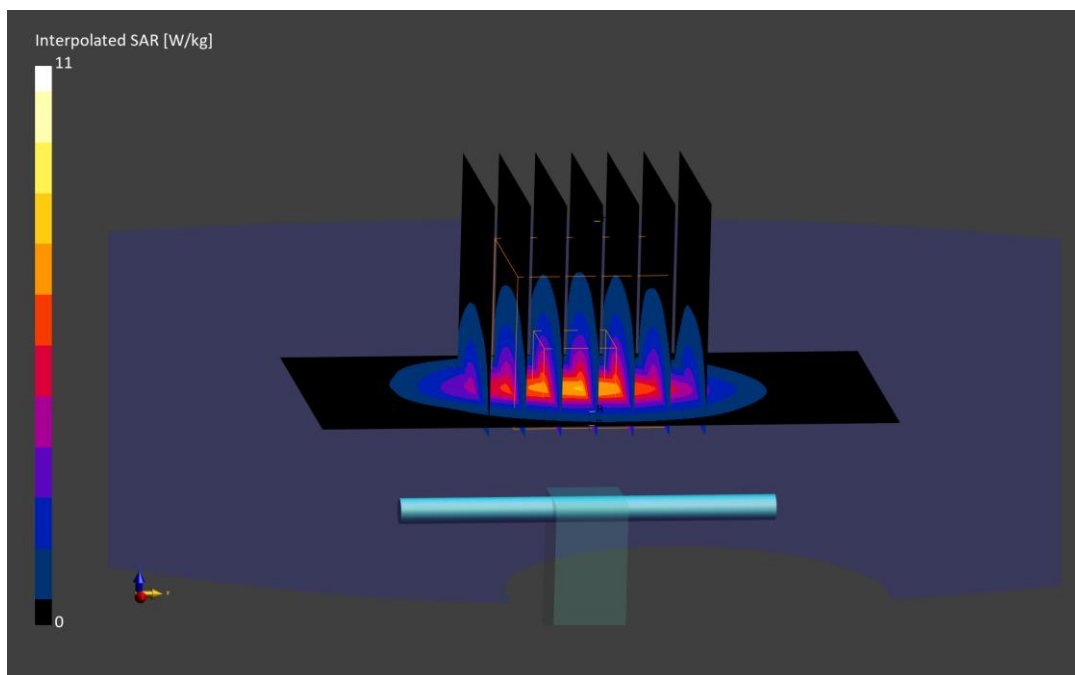
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.61 W/kg

Deviation (1 g) = 6.32%; Deviation (10 g) = 6.10%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN719

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2450.000$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 38.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/20/2026; Ambient Temp: 21.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7539; ConvF:(7.12,6.76,7.63); Calibrated: 2026-03-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2026-03-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

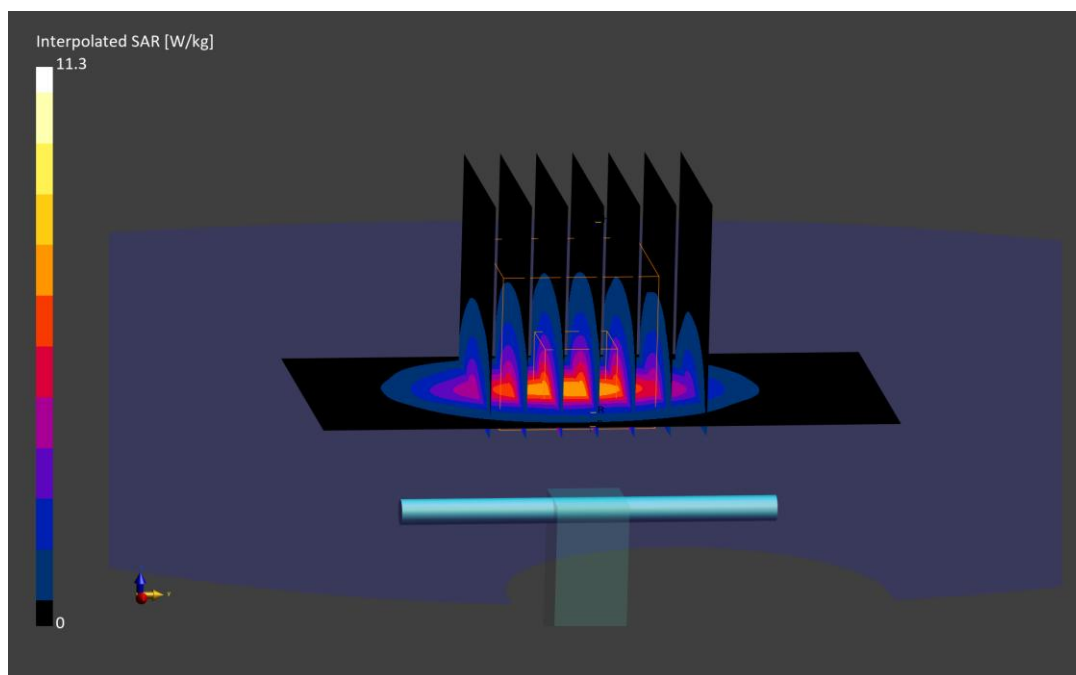
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.70 W/kg

Deviation (1 g) = 9.58%; Deviation (10 g) = 9.76%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.77$ S/m; $\text{perm} = 38.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/23/2026, Ambient Temp: 19.9°C, Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7402; ConvF:(7.24,8.01,7.55); Calibrated: 2026-05-26

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1502; Calibrated: 2026-05-21

Phantom: Twin-SAM V8.0; Serial: 2063

Measurement SW: DASY Module SAR V18.0.0.7250

2450.0 MHz System Verification at 20.0 dBm (100 mW)

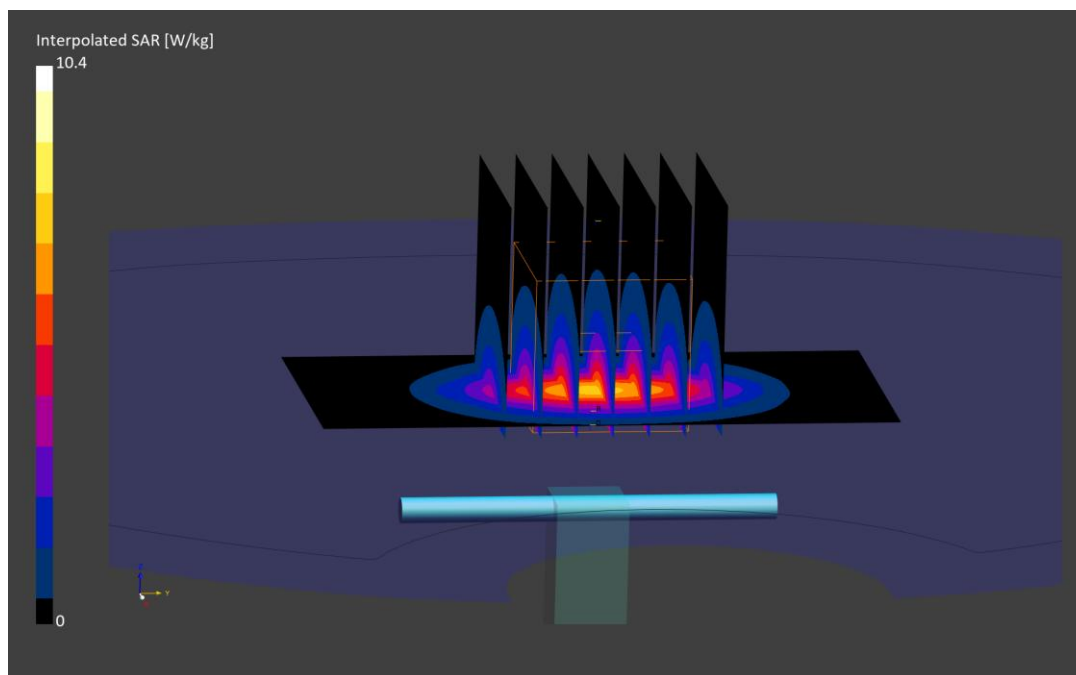
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 5.44 W/kg; SAR(10 g) = 2.59 W/kg

Deviation (1 g) = 5.84%; Deviation (10 g) = 7.92%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.77$ S/m; $\text{perm} = 41.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/29/2026; Ambient Temp: 21.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7402; ConvF:(7.24,8.01,7.55); Calibrated: 2026-05-26

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1502; Calibrated: 2026-05-21

Phantom: Twin-SAM V8.0; Serial: 2063

Measurement SW: DASY Module SAR V18.0.0.7250

2450.0 MHz System Verification at 20.0 dBm (100 mW)

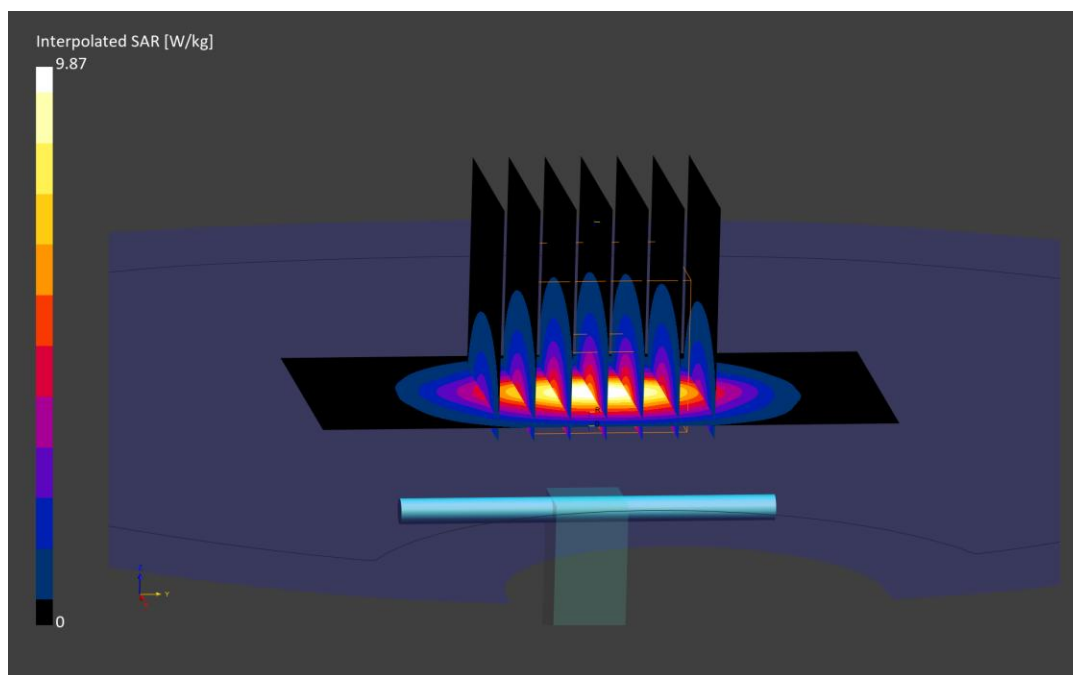
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.87 W/kg

SAR(1 g) = 5.14 W/kg; SAR(10 g) = 2.45 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = 2.08%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1009

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.98$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7402; ConvF:(7.13,7.9,7.44); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

2600.0 MHz System Verification at 20.0 dBm (100 mW)

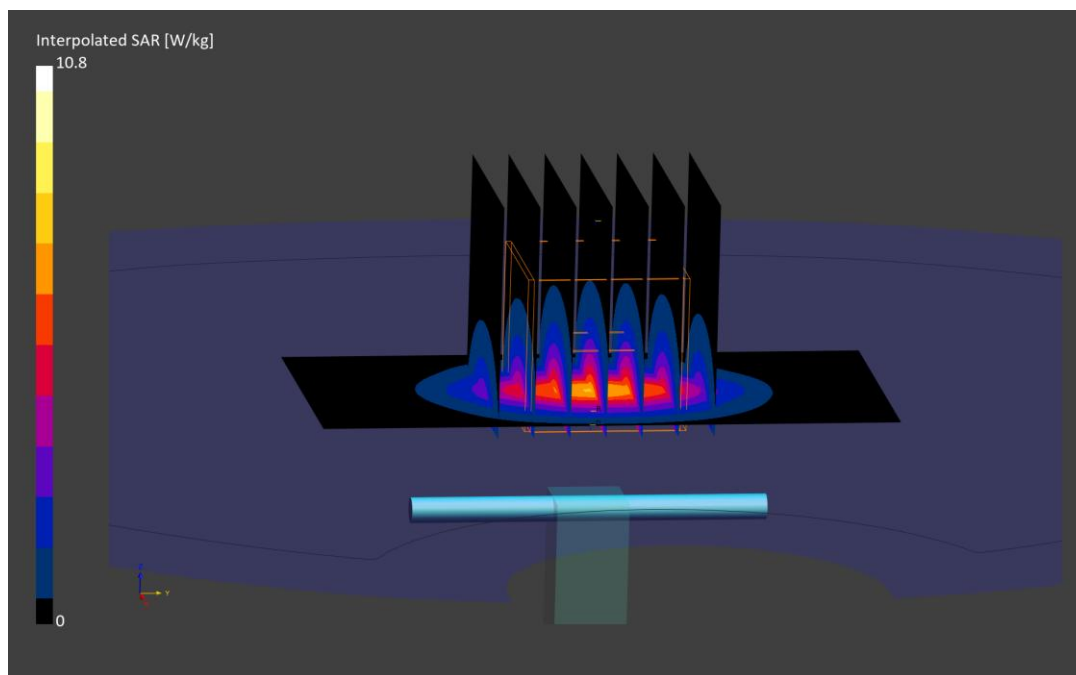
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.41 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = -4.25%; Deviation (10 g) = -3.53%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 2600.000 MHz; cond = 1.89 S/m; perm = 40.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/08/2026; Ambient Temp: 21.4°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7402; ConvF:(7.13,7.9,7.44); Calibrated: 2026-05-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2026-05-21
Phantom: Twin-SAM V8.0; Serial: 2063
Measurement SW: DASY Module SAR V18.0.0.7250

2600.0 MHz System Verification at 20.0 dBm (100 mW)

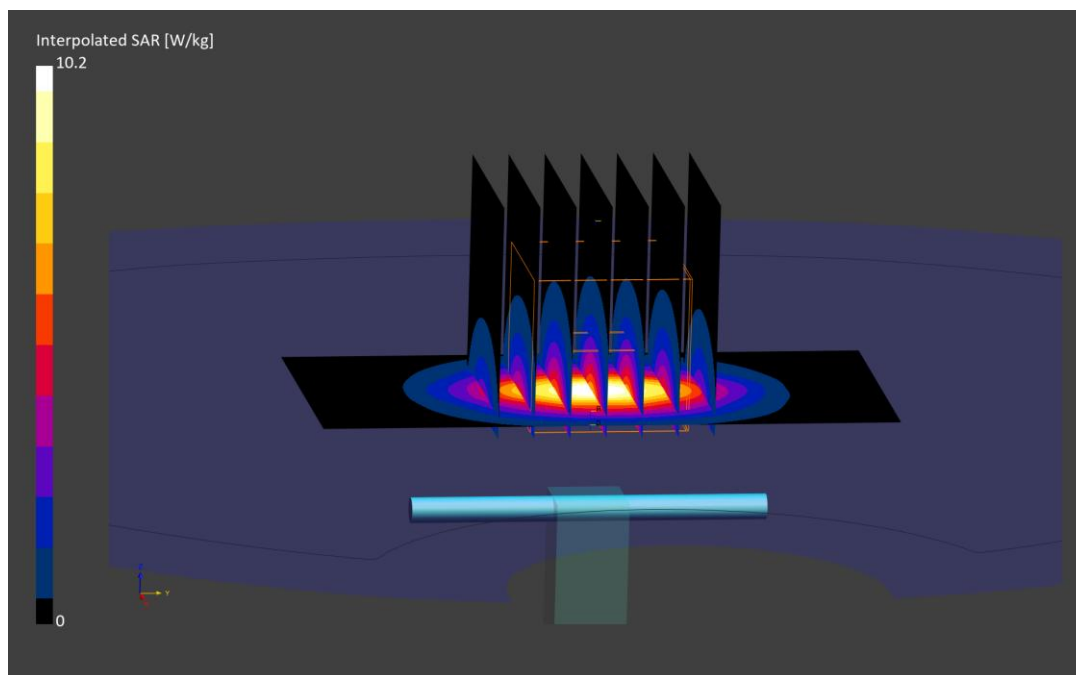
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 5.19 W/kg; SAR(10 g) = 2.40 W/kg

Deviation (1 g) = -6.15%; Deviation (10 g) = -3.23%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 5250.000 MHz; cond = 4.50 S/m; perm = 35.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/05/2026, Ambient Temp: 21.5°C, Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7546; ConvF:(5.59,5.25,5.39); Calibrated: 2026-04-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2026-04-21
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V18.0.0.7250

5250.0 MHz System Verification at 17.0 dBm (50 mW)

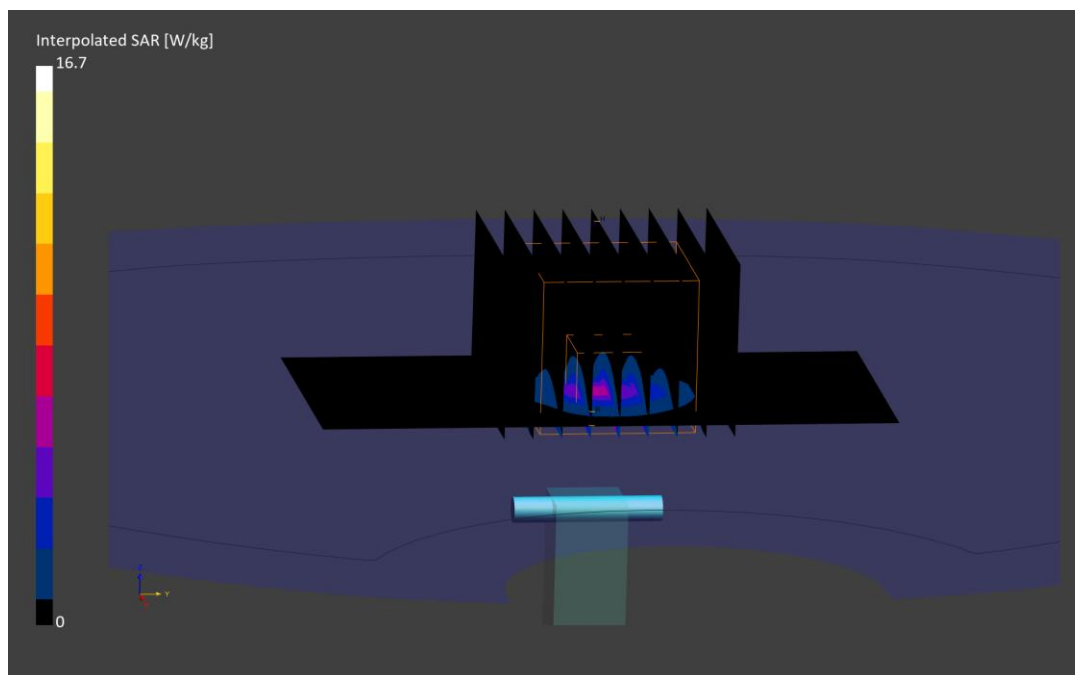
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 1.23 W/kg

Deviation (1 g) = 4.82%; Deviation (10 g) = 6.03%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 5250.000 MHz; cond = 4.53 S/m; perm = 36.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/06/2026; Ambient Temp: 22.2°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7488; ConvF:(5.75,5.75,5.57); Calibrated: 2026-03-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V17.0.2.6775

5250.0 MHz System Verification at 17.0 dBm (50 mW)

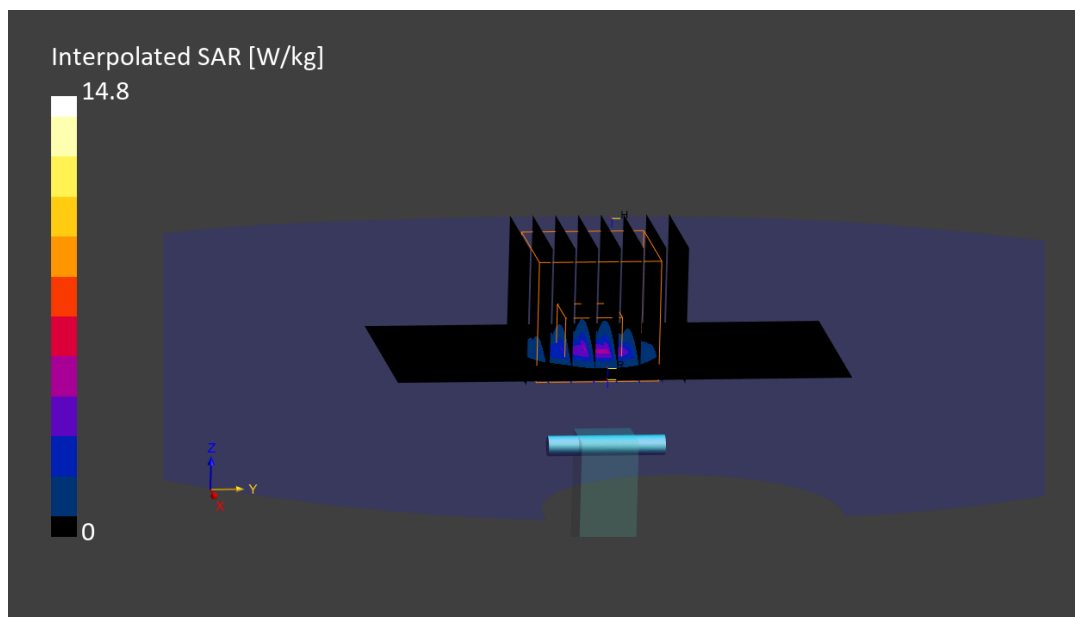
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.07 W/kg

Deviation (1 g) = -5.36%; Deviation (10 g) = -4.89%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5250.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 5250.000$ MHz; $\text{cond} = 4.58$ S/m; $\text{perm} = 34.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 08/18/2026; Ambient Temp: 21.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7637; ConvF:(5.69,5.88,6.11); Calibrated: 2026-06-12

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1652; Calibrated: 2026-06-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V18.0.0.7250

5250.0 MHz System Verification at 17.0 dBm (50 mW)

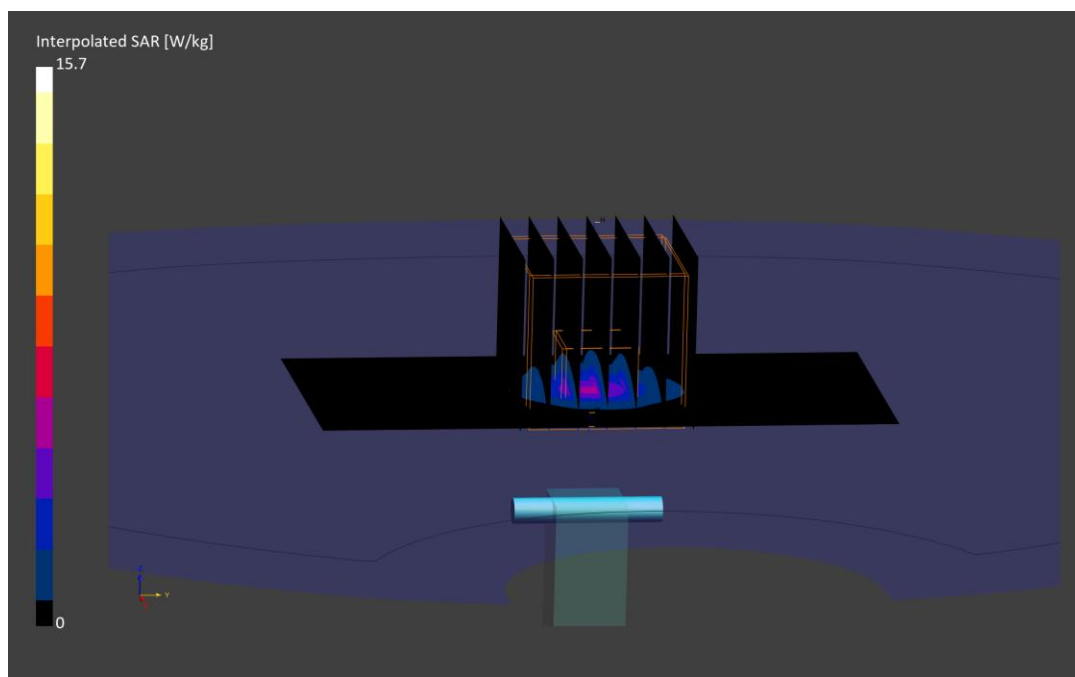
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.09 W/kg

Deviation (1 g) = -5.56%; Deviation (10 g) = -6.03%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 5600.000$ MHz; $\text{cond} = 4.88$ S/m; $\text{perm} = 35.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/05/2026, Ambient Temp: 21.5°C, Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7546; ConvF:(4.9,4.6,4.72); Calibrated: 2026-04-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2026-04-21
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V18.0.0.7250

5600.0 MHz System Verification at 17.0 dBm (50 mW)

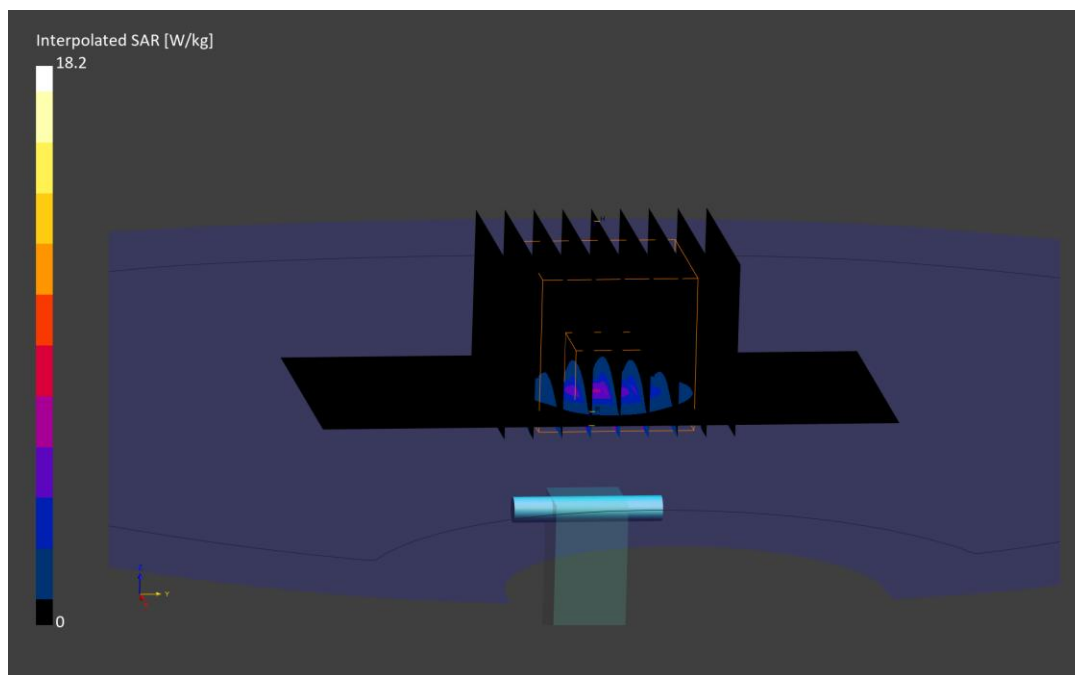
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 4.28 W/kg; SAR(10 g) = 1.22 W/kg

Deviation (1 g) = 5.16%; Deviation (10 g) = 4.27%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 5600.000 MHz; cond = 4.92 S/m; perm = 35.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/06/2026; Ambient Temp: 22.2°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7488; ConvF:(5.24,5.24,5.08); Calibrated: 2026-03-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V17.0.2.6775

5600.0 MHz System Verification at 17.0 dBm (50 mW)

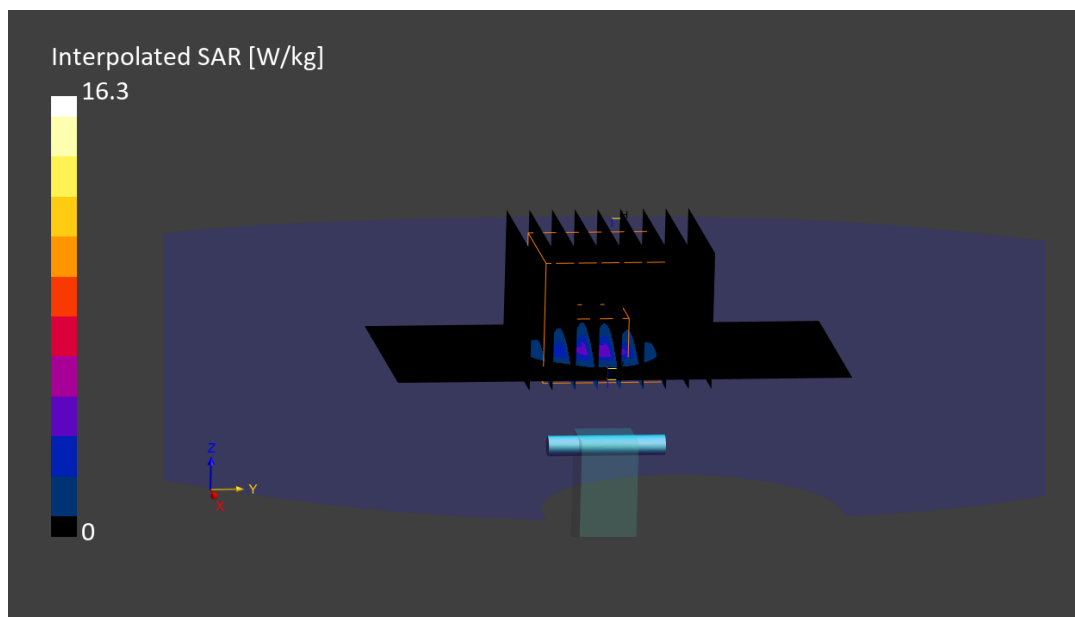
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.09 W/kg

Deviation (1 g) = -1.42%; Deviation (10 g) = -2.24%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 5600.000$ MHz; $\text{cond} = 4.92$ S/m; $\text{perm} = 34.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 08/18/2026; Ambient Temp: 21.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7637; ConvF:(5.1,5.27,5.48); Calibrated: 2026-06-12

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1652; Calibrated: 2026-06-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V18.0.0.7250

5600.0 MHz System Verification at 17.0 dBm (50 mW)

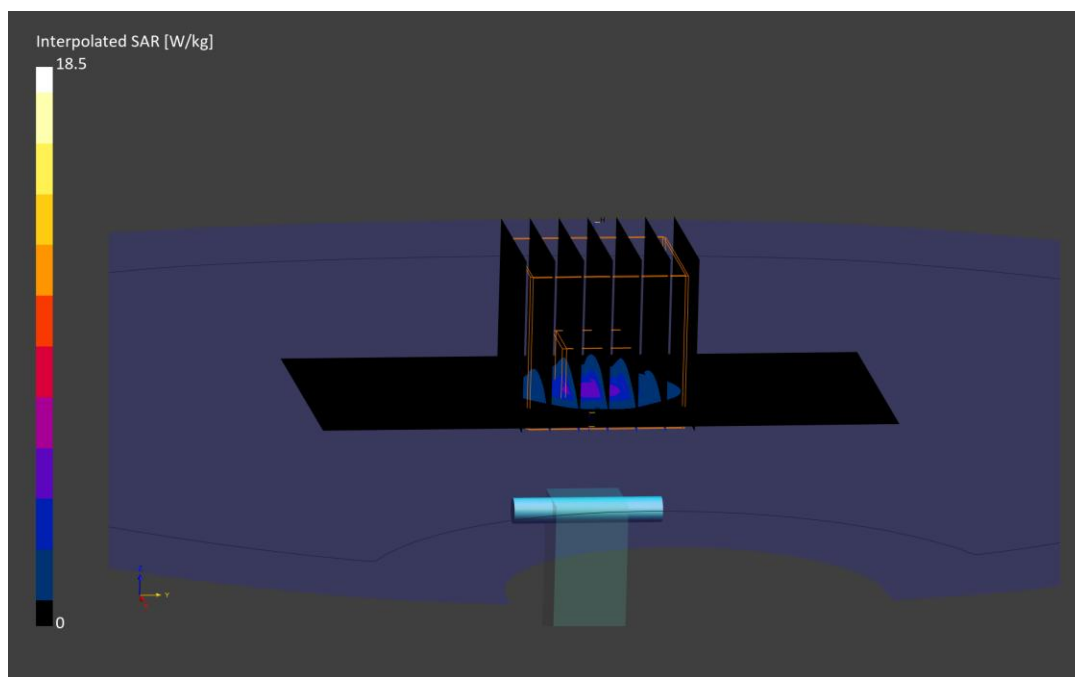
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 1.19 W/kg

Deviation (1 g) = 2.95%; Deviation (10 g) = 1.71%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 5750.000$ MHz; $\text{cond} = 5.04$ S/m; $\text{perm} = 35.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/05/2026, Ambient Temp: 21.5°C, Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7546; ConvF:(5.08,4.77,4.89); Calibrated: 2026-04-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2026-04-21
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V18.0.0.7250

5750.0 MHz System Verification at 17.0 dBm (50 mW)

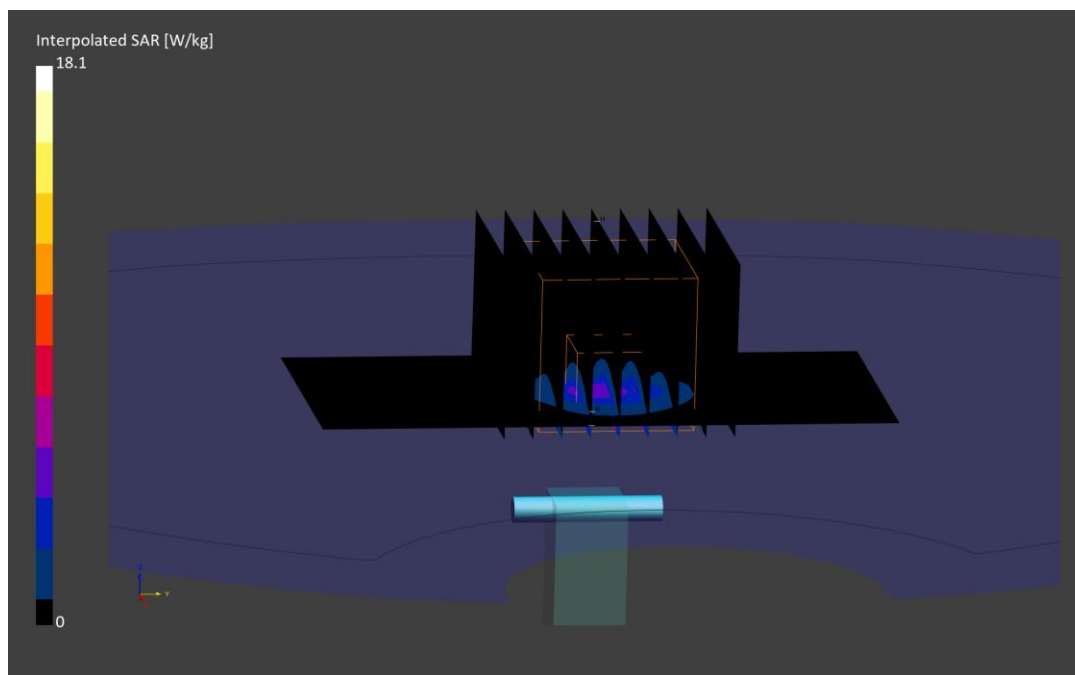
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 4.13 W/kg; SAR(10 g) = 1.19 W/kg

Deviation (1 g) = 4.82%; Deviation (10 g) = 5.78%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 5750.000$ MHz; $\text{cond} = 5.09$ S/m; $\text{perm} = 35.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/06/2026; Ambient Temp: 22.2°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7488; ConvF:(5.27,5.27,5.11); Calibrated: 2026-03-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V17.0.2.6775

5750.0 MHz System Verification at 17.0 dBm (50 mW)

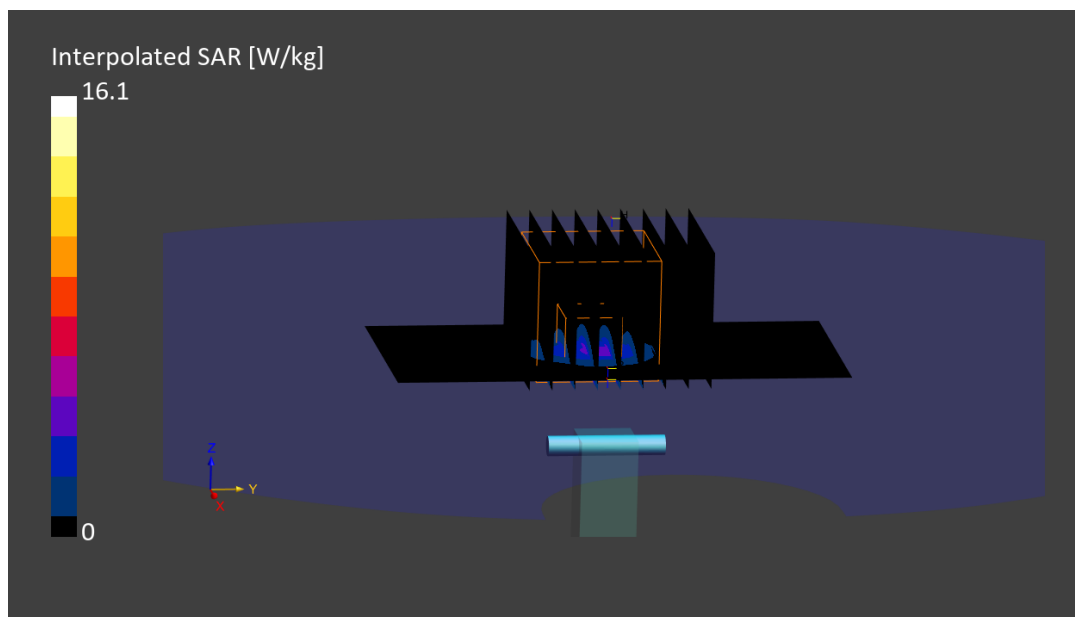
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 3.65 W/kg; SAR(10 g) = 1.04 W/kg

Deviation (1 g) = -3.18%; Deviation (10 g) = -3.26%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 5750.000$ MHz; $\text{cond} = 5.06$ S/m; $\text{perm} = 34.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/18/2026; Ambient Temp: 21.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7637; ConvF:(5.18,5.36,5.57); Calibrated: 2026-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; Calibrated: 2026-06-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V18.0.0.7250

5750.0 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 2.28%; Deviation (10 g) = 2.22%

