

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

ELEMENT

DUT: Dipole 13.0 MHz; Type: CLA-13 - SN1004

Communication System: UID: 0, CW; Frequency: 13.0 MHz
Medium: 30 Head; Medium parameters used:
 $f = 13.0$ MHz; $\text{cond} = 0.757$ S/m; $\text{perm} = 54.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 07/11/2025; Ambient Temp: 20.2°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3746; ConvF:(15.27,15.58,17.13); Calibrated: 2024-10-15
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1237; Calibrated: 2024-10-10
Phantom: ELI V6.0; Serial: 2003
Measurement SW: DASY Module SAR V16.4.0.5005

13.0 MHz System Verification at 30.0 dBm (1000 mW)

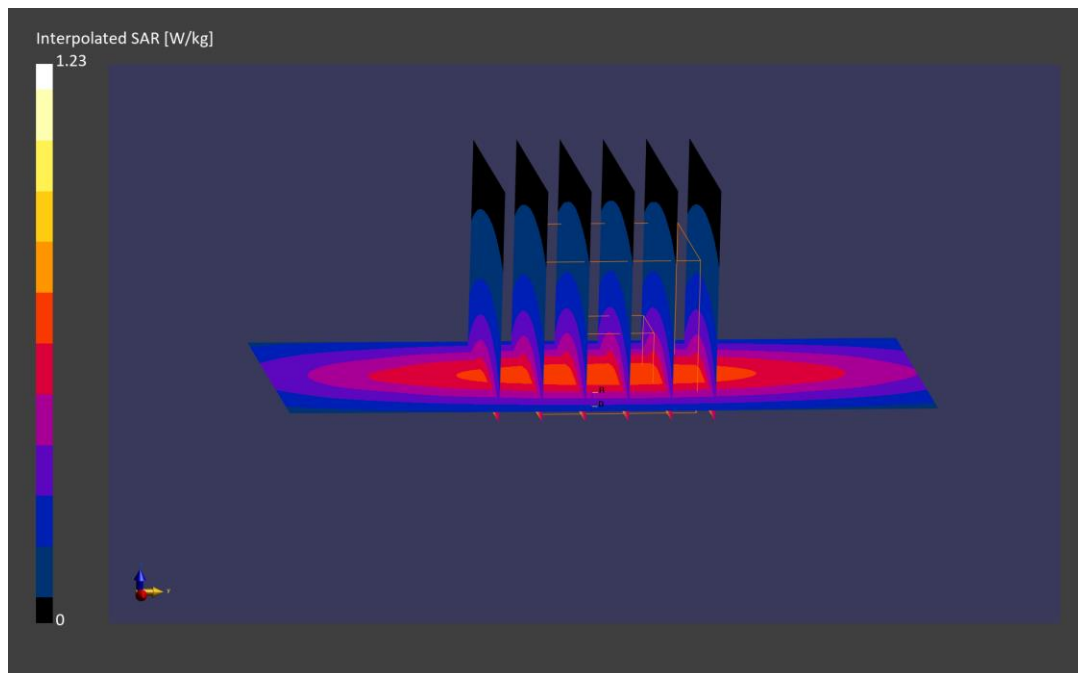
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 1.23 W/kg

SAR(10 g) = 0.372 W/kg

Deviation (10 g) = 4.79%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.900$ S/m; $\text{perm} = 41.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 7/7/2025; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3837; ConvF:(9.29,8.68,8.73); Calibrated: 2024-09-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2024-09-03
Phantom: Twin-SAM V8.0; Serial: 2029
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

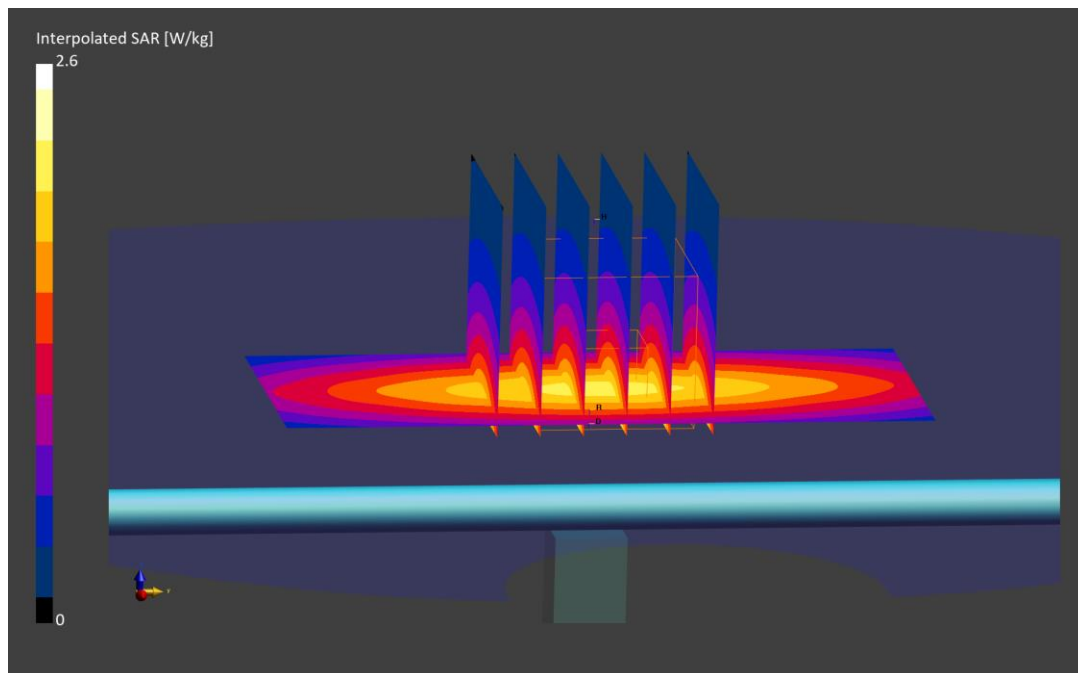
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.60 W/kg

SAR(10 g) = 1.16 W/kg

Deviation (10 g) = 1.22%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.893$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 7/7/2025; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.41,8.38,9.96); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

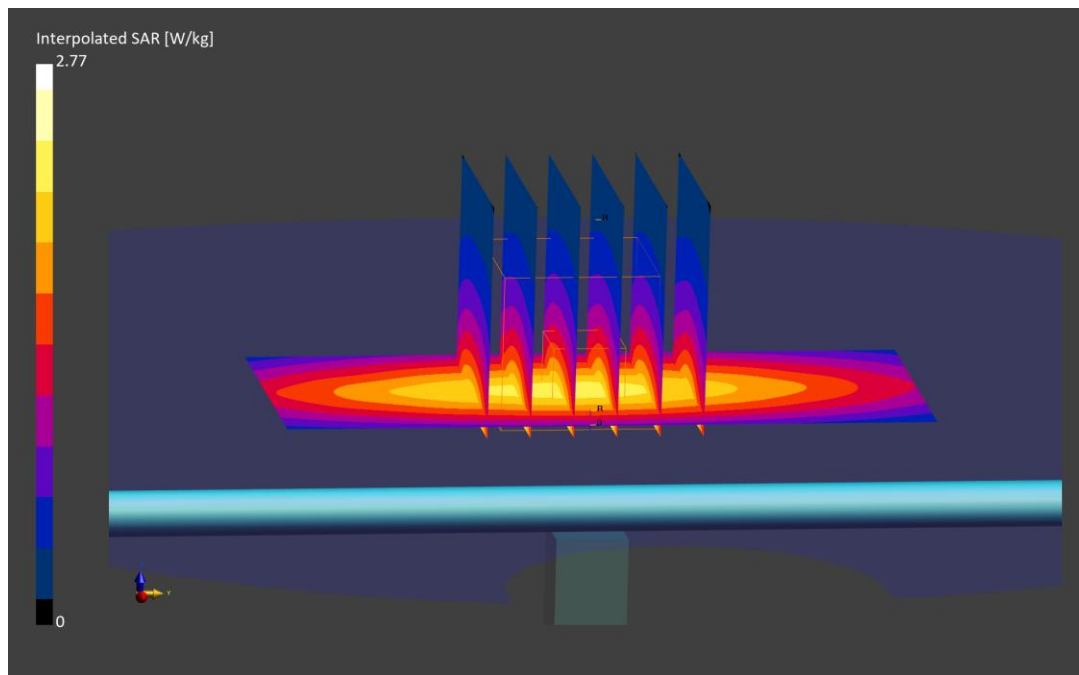
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.77 W/kg

SAR(10 g) = 1.23 W/kg

Deviation (10 g) = 7.33%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.915$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/11/2025; Ambient Temp: 22.0°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7357; ConvF:(9.41,8.38,9.96); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

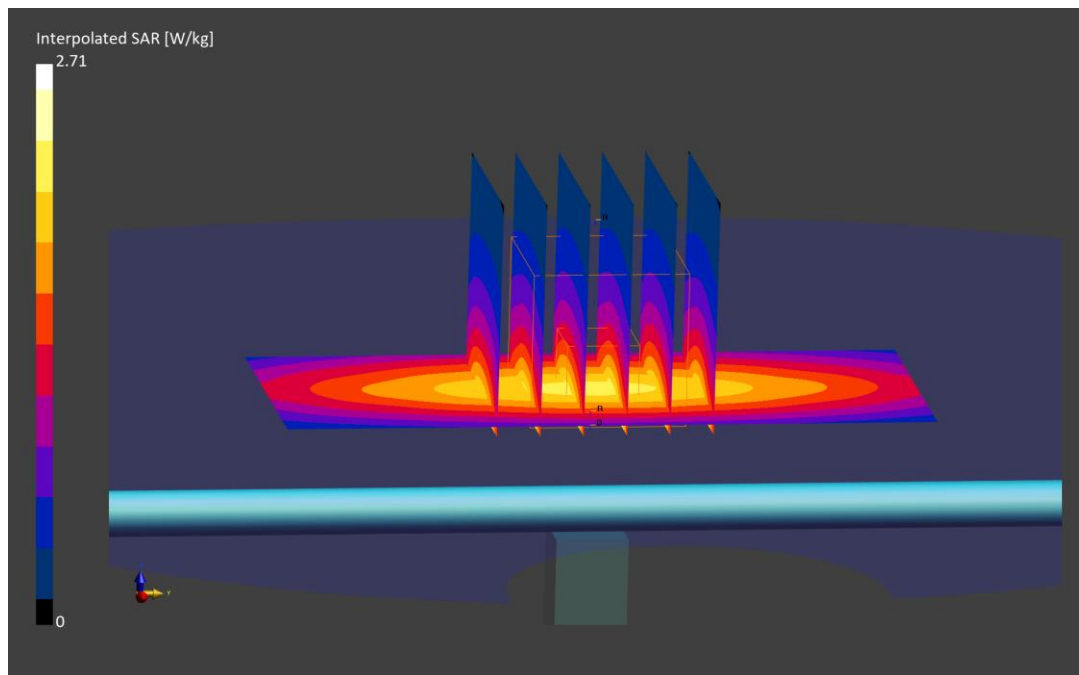
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.71 W/kg

SAR(10 g) = 1.22 W/kg

Deviation (10 g) = 6.46%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.875$ S/m; $\text{perm} = 40.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/13/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.41,8.38,9.96); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

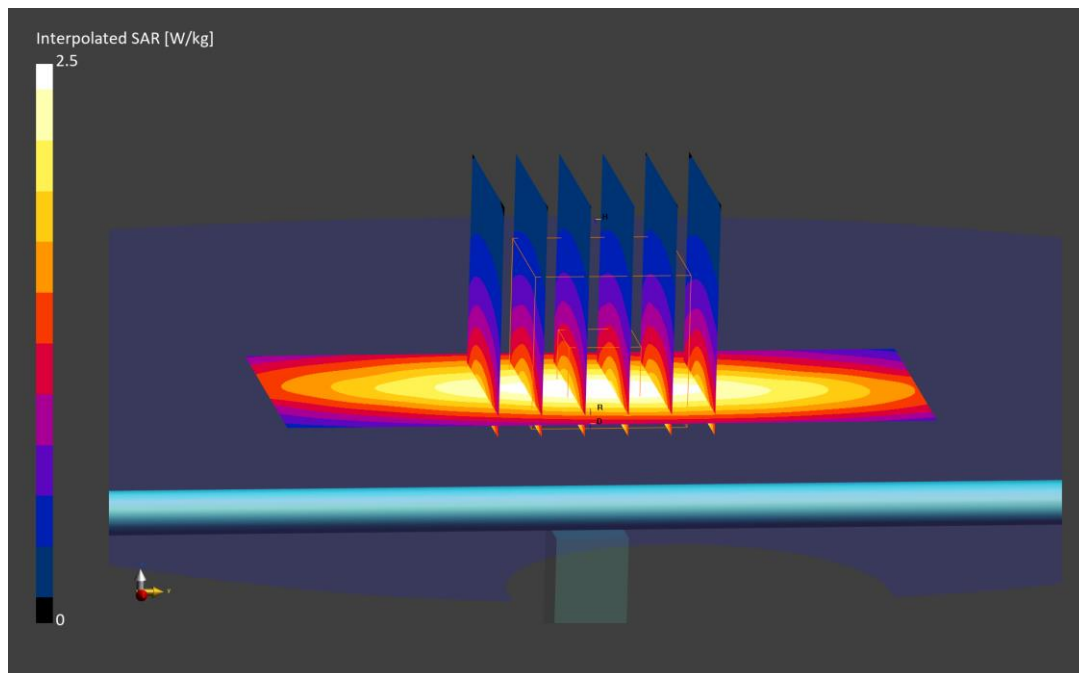
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.50 W/kg

SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = 2.18%; Deviation (10 g) = 4.09%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.895$ S/m; $\text{perm} = 41.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/15/2025; Ambient Temp: 21.7°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.41,8.38,9.96); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

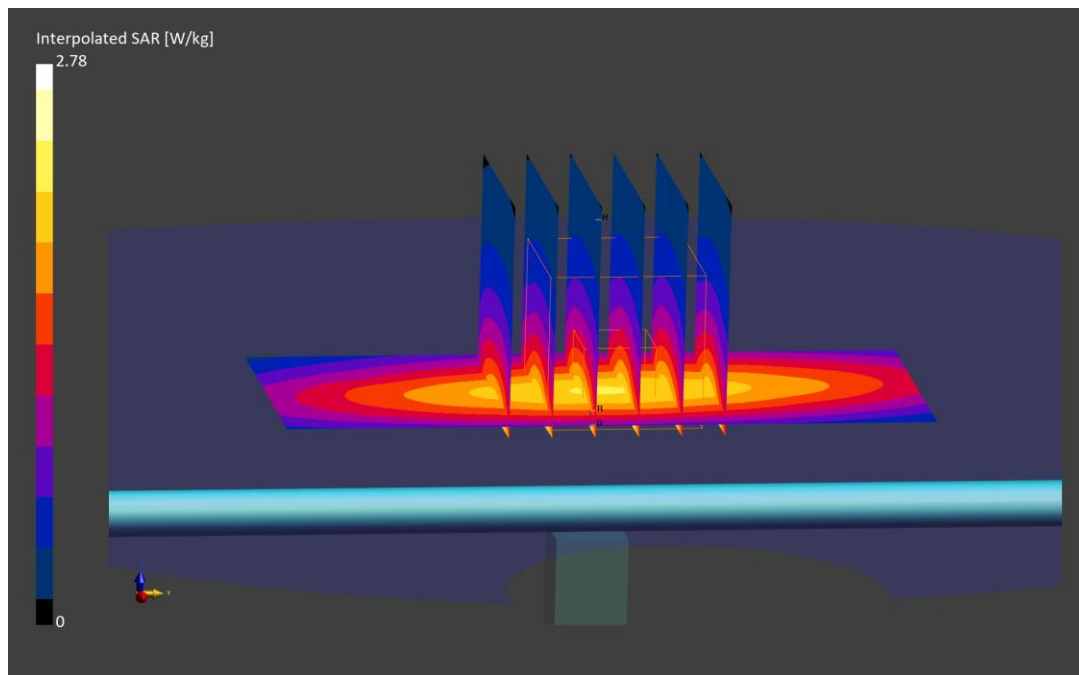
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.78 W/kg

SAR(1 g) = 1.83 W/kg

Deviation (1 g) = 3.98%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.873$ S/m; $\text{perm} = 40.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/17/2025; Ambient Temp: 20.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3837; ConvF:(9.29,8.68,8.73); Calibrated: 2024-09-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2024-09-03
Phantom: Twin-SAM V8.0; Serial: 2029
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

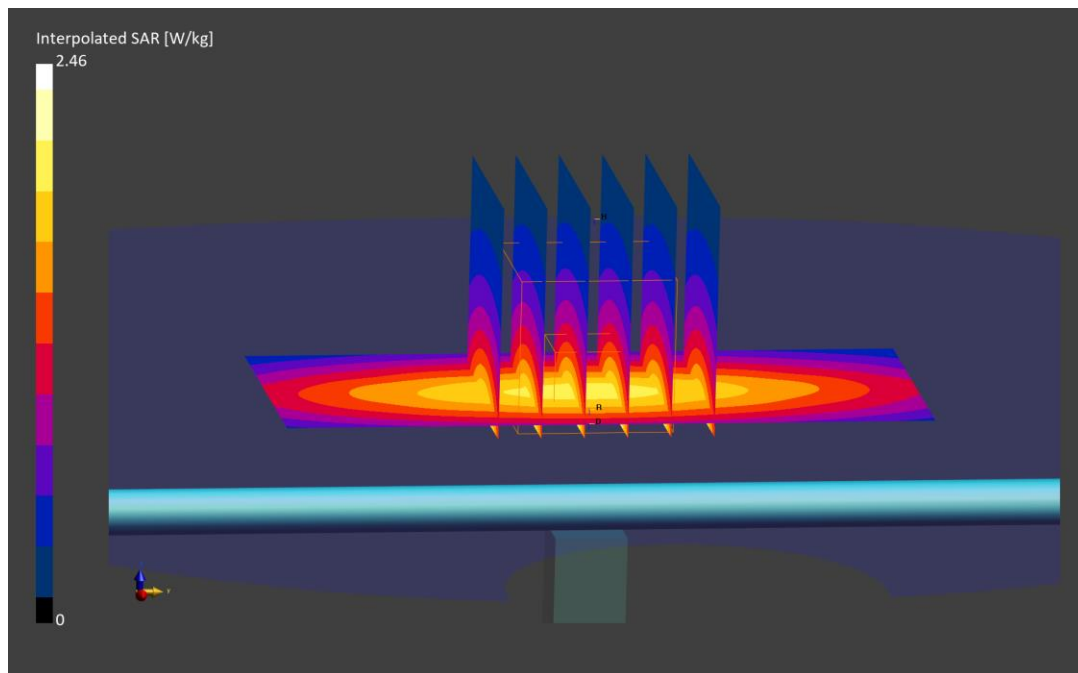
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.46 W/kg

SAR(1 g) = 1.70 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = -3.41%; Deviation (10 g) = -0.52%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.869$ S/m; $\text{perm} = 41.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/17/2025; Ambient Temp: 23°C; Tissue Temp: 21°C

Probe: EX3DV4 - SN7357; ConvF:(9.41,8.38,9.96); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

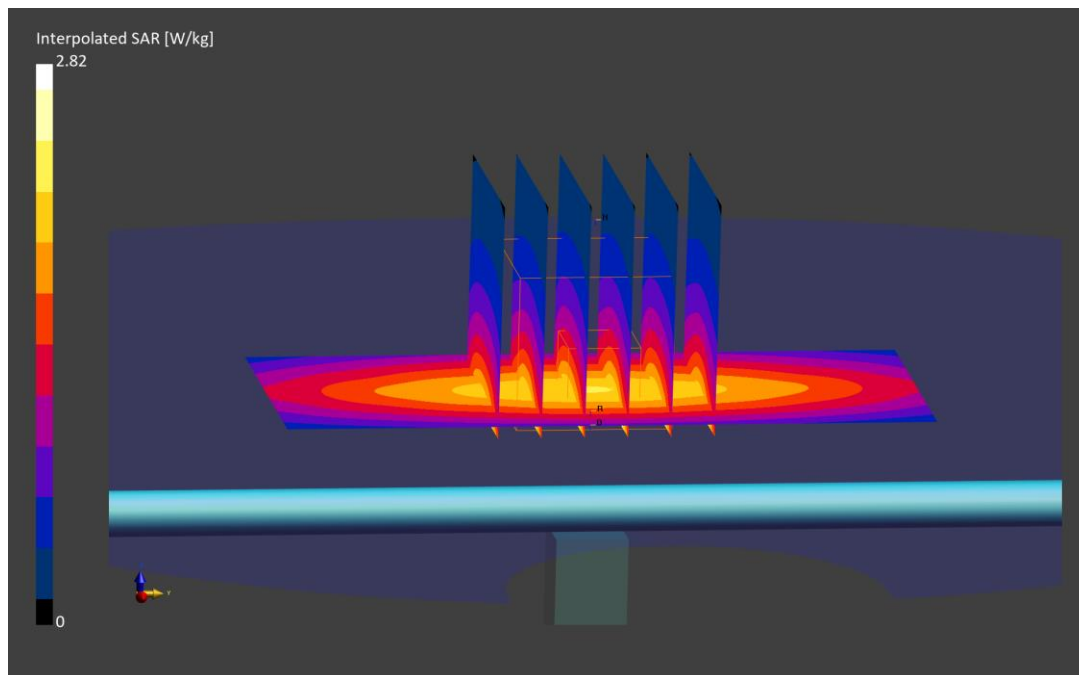
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.82 W/kg

SAR(10 g) = 1.22 W/kg

Deviation (10 g) = 6.46%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.868$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/21/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7357; ConvF:(9.41,8.38,9.96); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

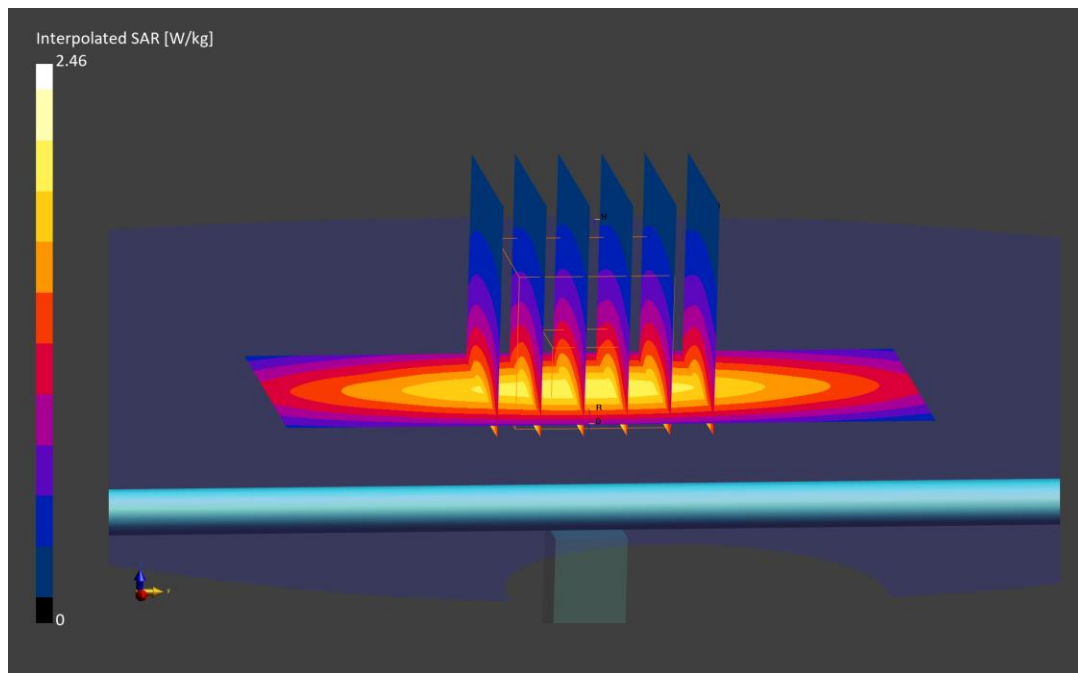
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.46 W/kg

SAR(1 g) = 1.69 W/kg

Deviation (1 g) = -3.98%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d108

Communication System: UID: 0, CW; Frequency: 835.0 MHz

Medium: 835 Head; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.912$ S/m; $\text{perm} = 41.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 7/6/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7427; ConvF:(8.46,9.11,9.12); Calibrated: 2025-02-10

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

Electronics: DAE4 Sn1408; Calibrated: 2024-10-10

Phantom: Twin-SAM V5.0; Serial: 1866

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

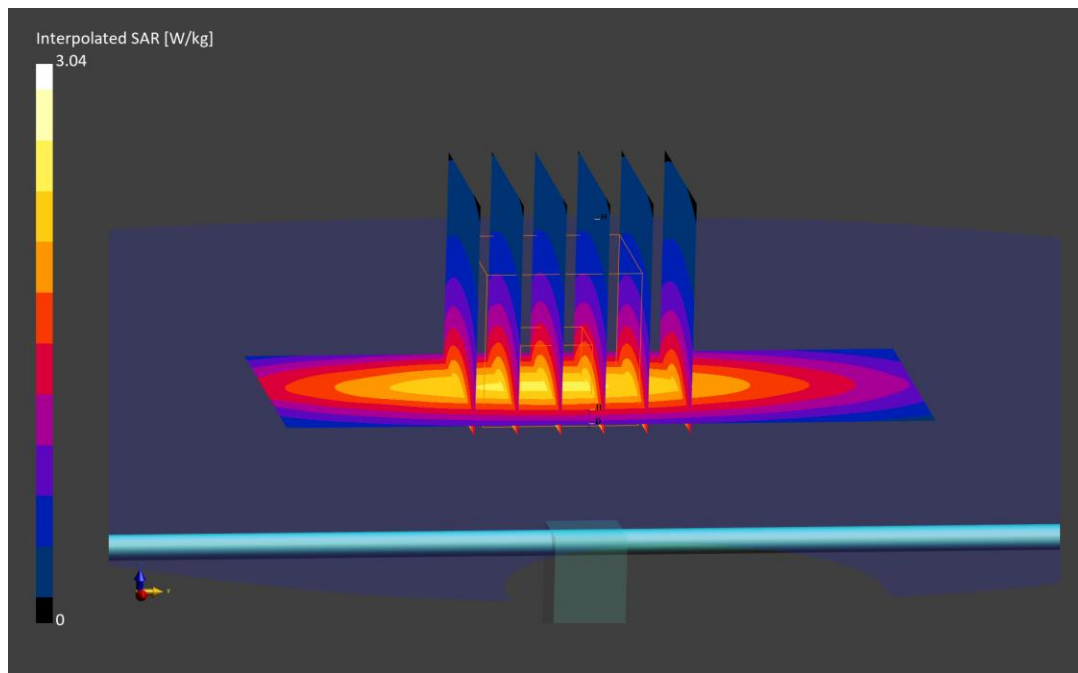
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.04 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.33 W/kg

Deviation (1 g) = 3.57%; Deviation (10 g) = 4.89%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d108

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
 $f = 835.0$ MHz; $\text{cond} = 0.906$ S/m; $\text{perm} = 42.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 7/9/2025; Ambient Temp: 21.9°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7427; ConvF:(8.46,9.11,9.12); Calibrated: 2025-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2024-10-10
Phantom: Twin-SAM V5.0; Serial: 1866
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

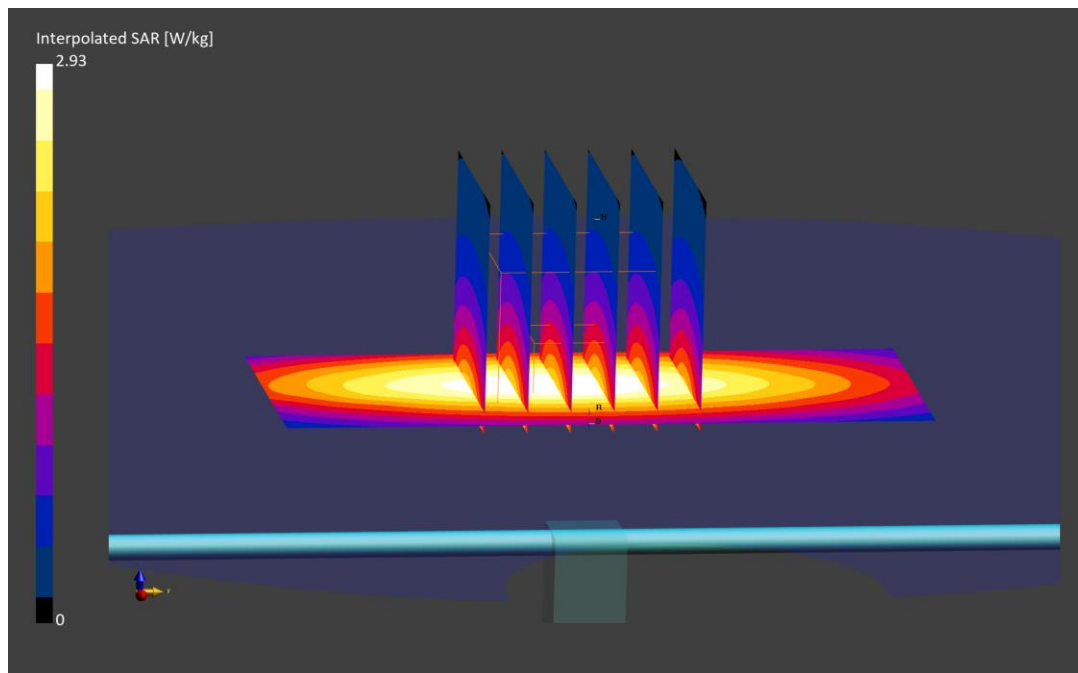
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.93 W/kg

SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.28 W/kg

Deviation (1 g) = -0.51%; Deviation (10 g) = 0.95%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1040

Communication System: UID: 0, CW; Frequency: 1750.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.40$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/03/2025; Ambient Temp: 22.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN3746; ConvF:(7.75,7.42,8.04); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

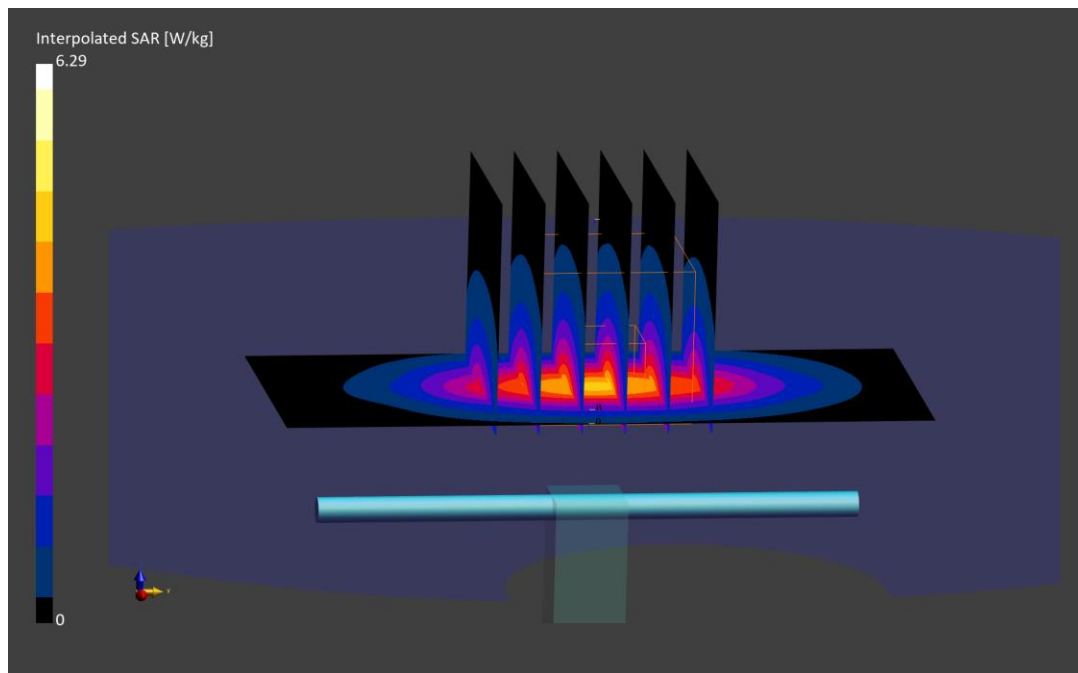
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.29 W/kg

SAR(1 g) = 3.48 W/kg

Deviation (1 g) = -4.40%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1040

Communication System: UID: 0, CW; Frequency: 1750.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.33$ S/m; $\text{perm} = 41.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 7/6/2025; Ambient Temp: 22.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7551; ConvF:(8.04,7.95,8.17); Calibrated: 2025-04-16

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

Electronics: DAE4 Sn1323; Calibrated: 2025-04-15

Phantom: Twin-SAM V5.0; Serial: 1647

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

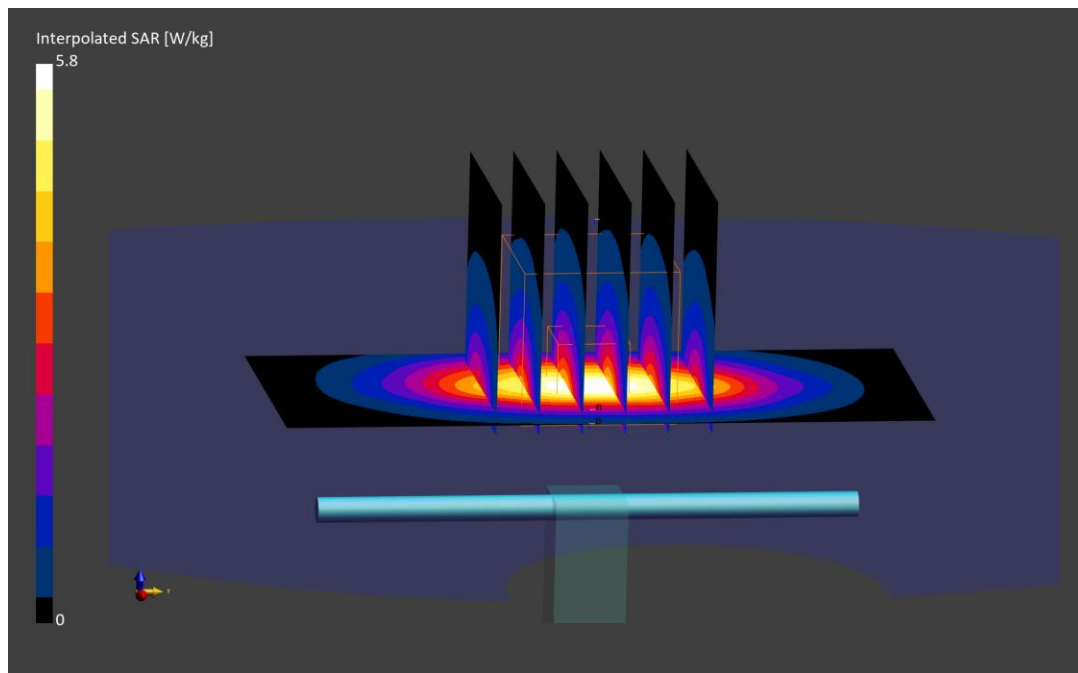
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 5.80 W/kg

SAR(10 g) = 1.82 W/kg

Deviation (10 g) = -4.71%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1104

Communication System: UID: 0, CW; Frequency: 1750.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.32$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/20/2025; Ambient Temp: 21.3°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7490; ConvF:(8.2,8.29,7.97); Calibrated: 2024-12-09

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

Electronics: DAE4 Sn1644; Calibrated: 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

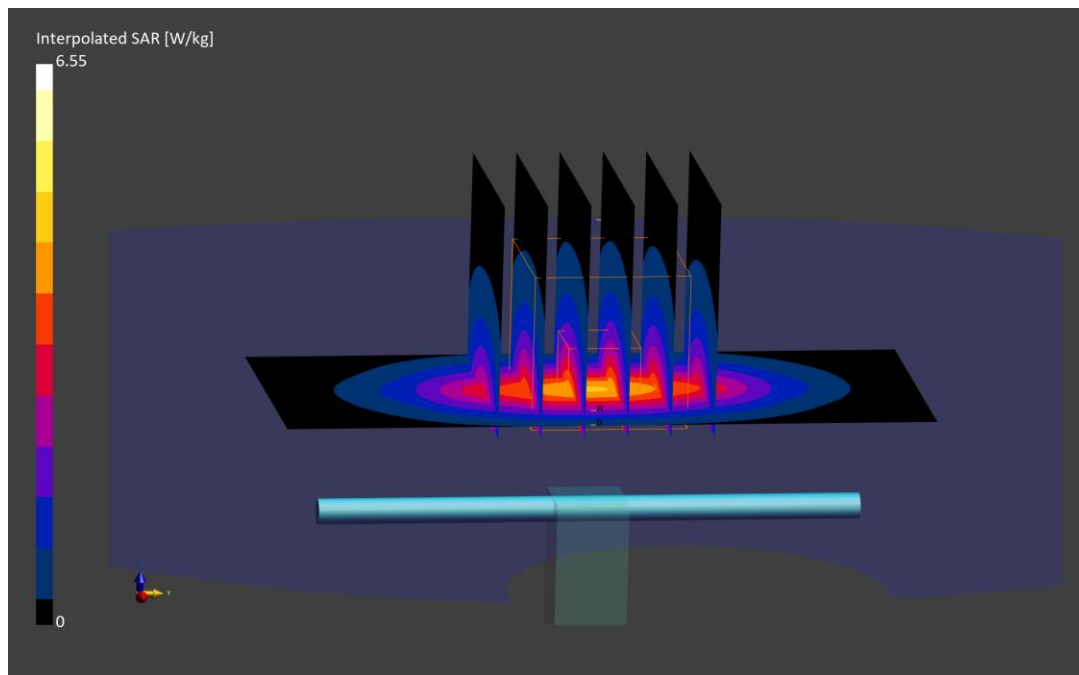
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.55 W/kg

SAR(1 g) = 3.57 W/kg

Deviation (1 g) = 0.28%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d180

Communication System: UID: 0, CW; Frequency: 1900.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1900.0$ MHz; $\text{cond} = 1.41$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/27/2025; Ambient Temp: 22.7°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7638; ConvF:(7.94,8.13,8.2); Calibrated: 2025-03-06

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

Electronics: DAE4 Sn467; Calibrated: 2025-02-06

Phantom: Twin-SAM V8.0; Serial: 1692

Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

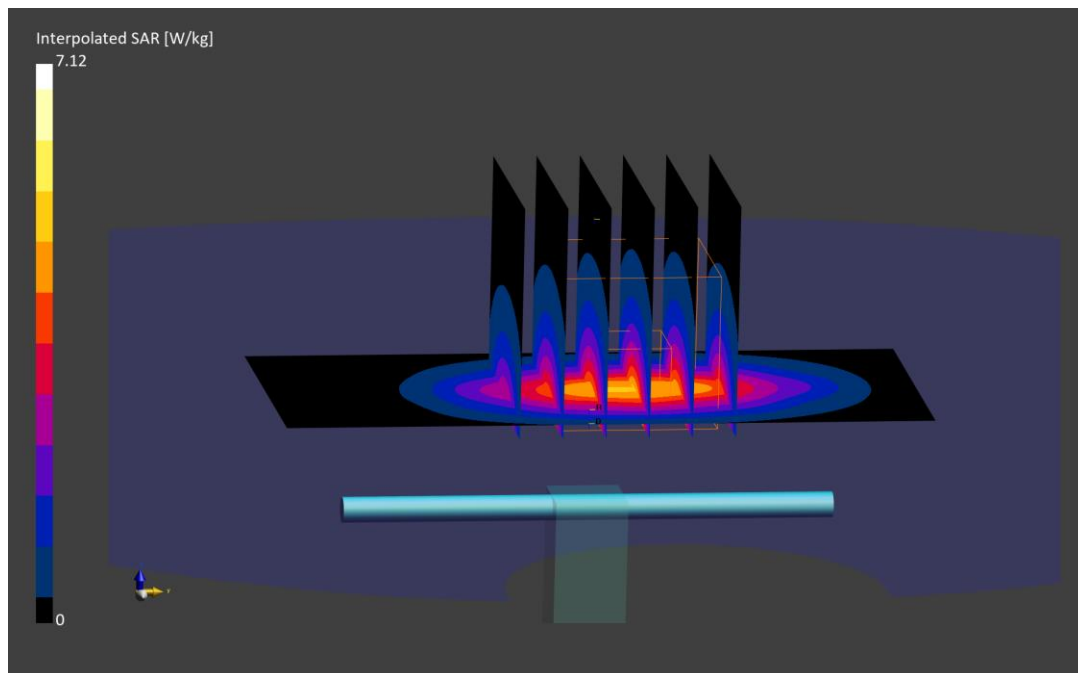
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.12 W/kg

SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.04 W/kg

Deviation (1 g) = -0.26%; Deviation (10 g) = -0.97%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.83$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/23/2025; Ambient Temp: 21.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN3746; ConvF:(6.85,6.56,7.1); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

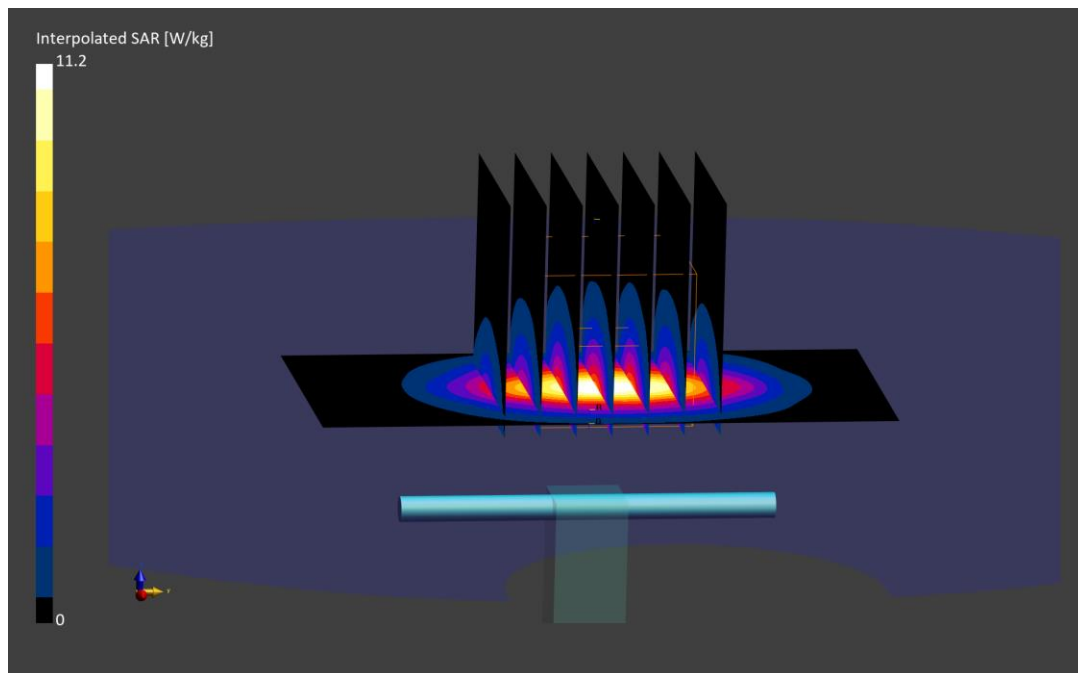
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.1 W/kg

SAR(1 g) = 5.30 W/kg

Deviation (1 g) = 0.76%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 37.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/24/2025; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7357; ConvF:(7.36,6.55,7.78); Calibrated: 2025-04-11

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

Electronics: DAE4 Sn1582; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

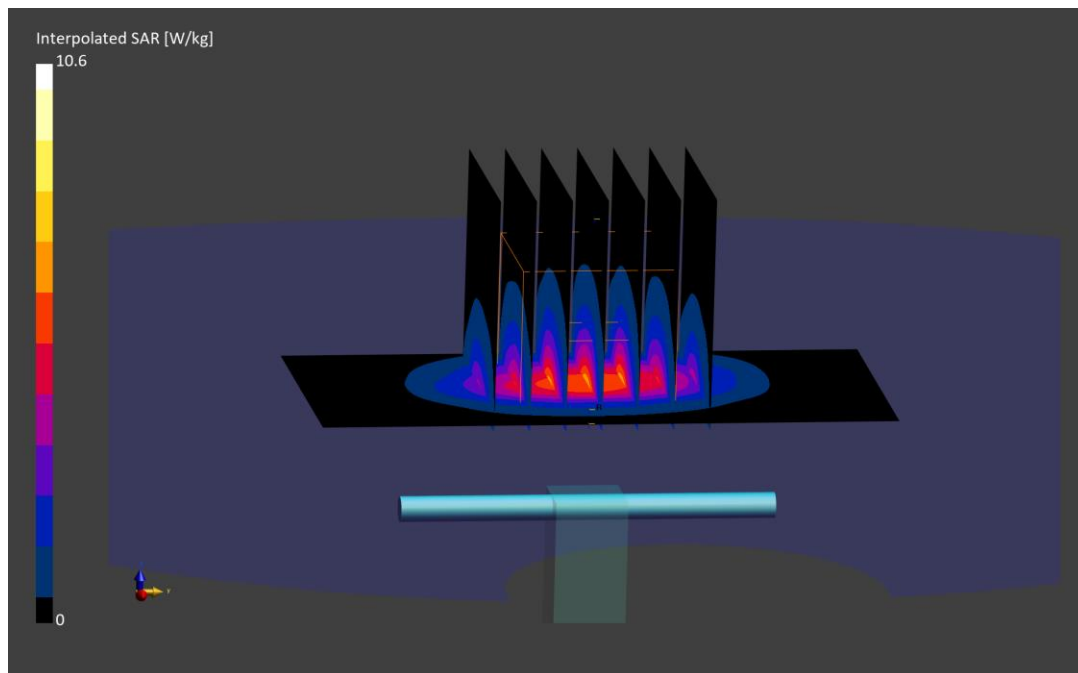
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.6 W/kg

SAR(1 g) = 5.32 W/kg

Deviation (1 g) = -0.19%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN855

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 38.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/25/2025; Ambient Temp: 22.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3746; ConvF:(6.85,6.56,7.1); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

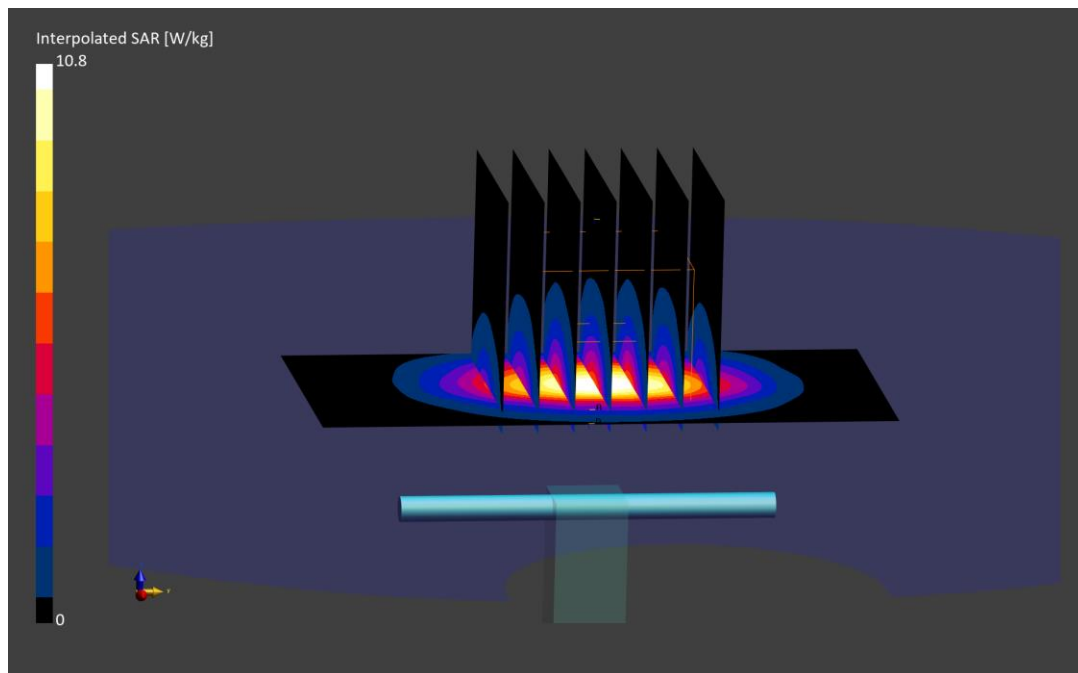
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.8 W/kg

SAR(1 g) = 5.06 W/kg

Deviation (1 g) = -3.44%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.83$ S/m; $\text{perm} = 38.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/26/2025; Ambient Temp: 23.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(7.36,6.55,7.78); Calibrated: 2025-04-11

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

Electronics: DAE4 Sn1582; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

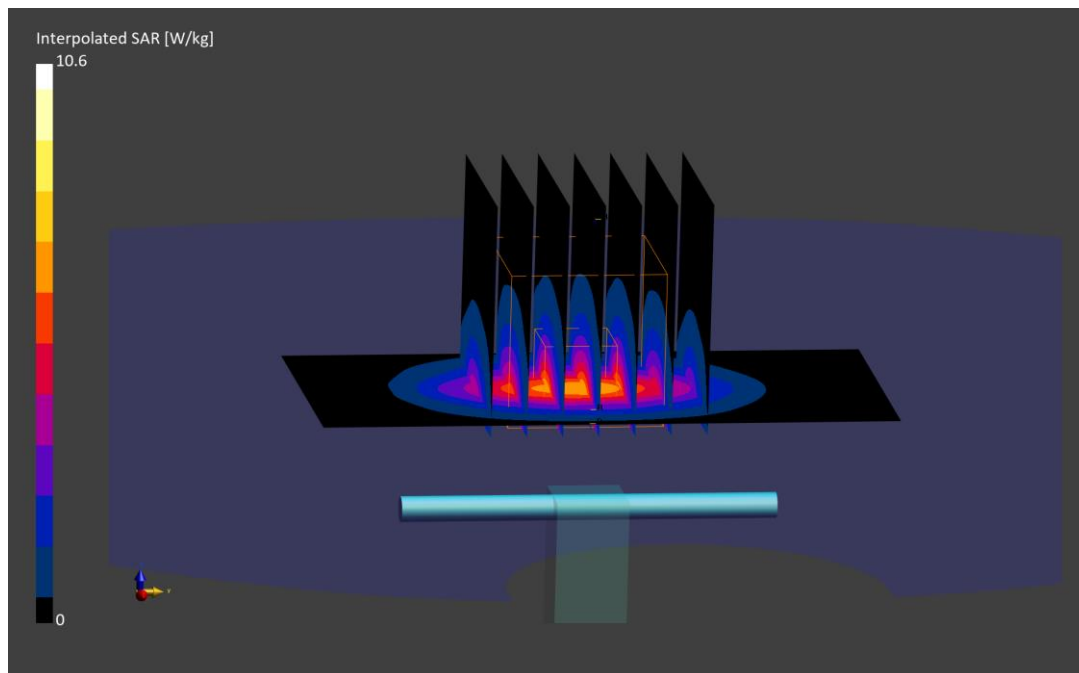
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.6 W/kg

SAR(1 g) = 5.29 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = -0.75%; Deviation (10 g) = -1.99%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.88$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/30/2025; Ambient Temp: 21.8°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN3746; ConvF:(6.85,6.56,7.1); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

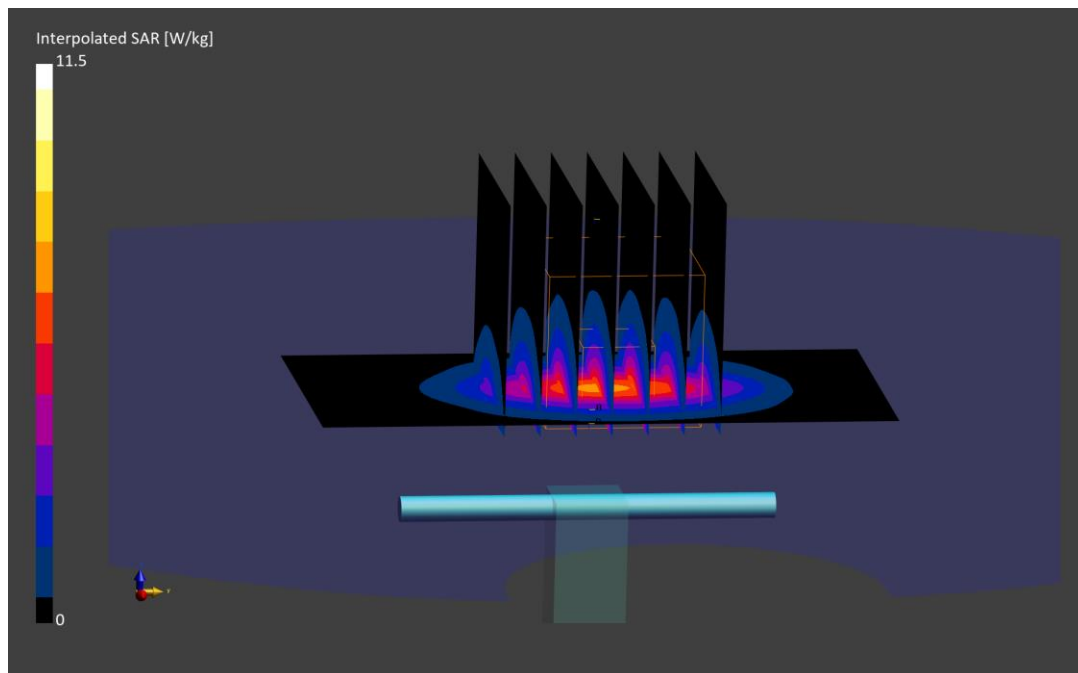
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.5 W/kg

SAR(1 g) = 5.29 W/kg; SAR(10 g) = 2.38 W/kg

Deviation (1 g) = -0.75%; Deviation (10 g) = -5.18%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2450.0 MHz; cond = 1.78 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/02/2025; Ambient Temp: 19.6°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7551; ConvF:(6.98,6.91,7.1); Calibrated: 2025-04-16

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

Electronics: DAE4 Sn1323; Calibrated: 2025-04-15

Phantom: Twin-SAM V5.0; Serial: 1647

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

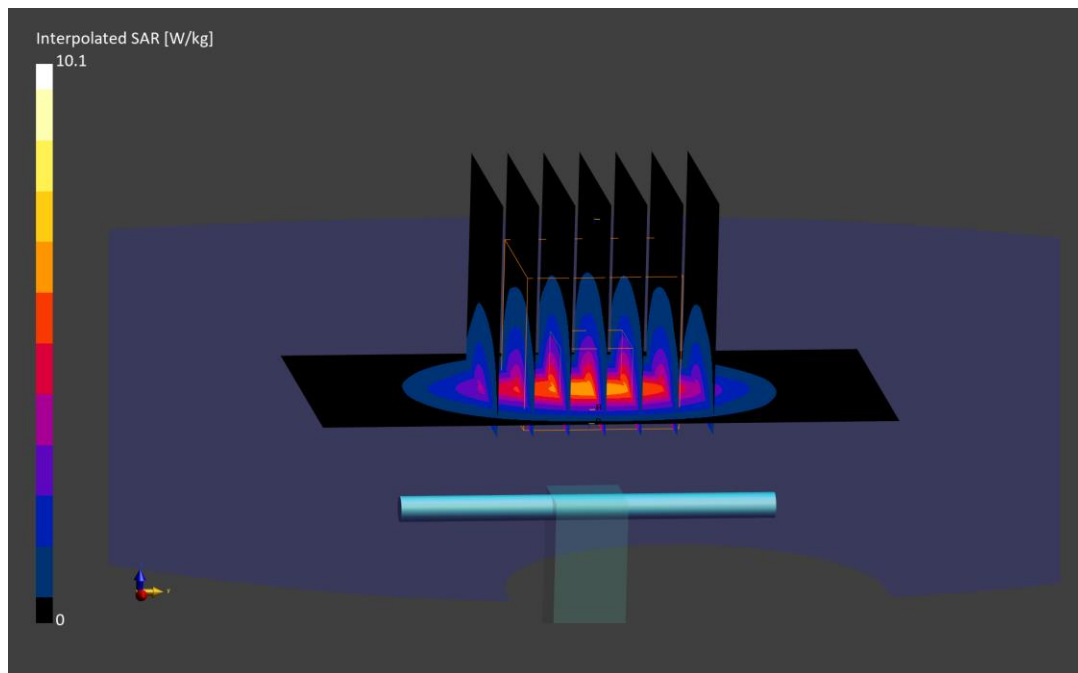
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.1 W/kg

SAR(10 g) = 2.36 W/kg

Deviation (10 g) = -5.98%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/22/2025; Ambient Temp: 22.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3837; ConvF:(7.25,6.87,7.06); Calibrated: 2024-09-09

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

Electronics: DAE4 Sn793; Calibrated: 2024-09-03

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

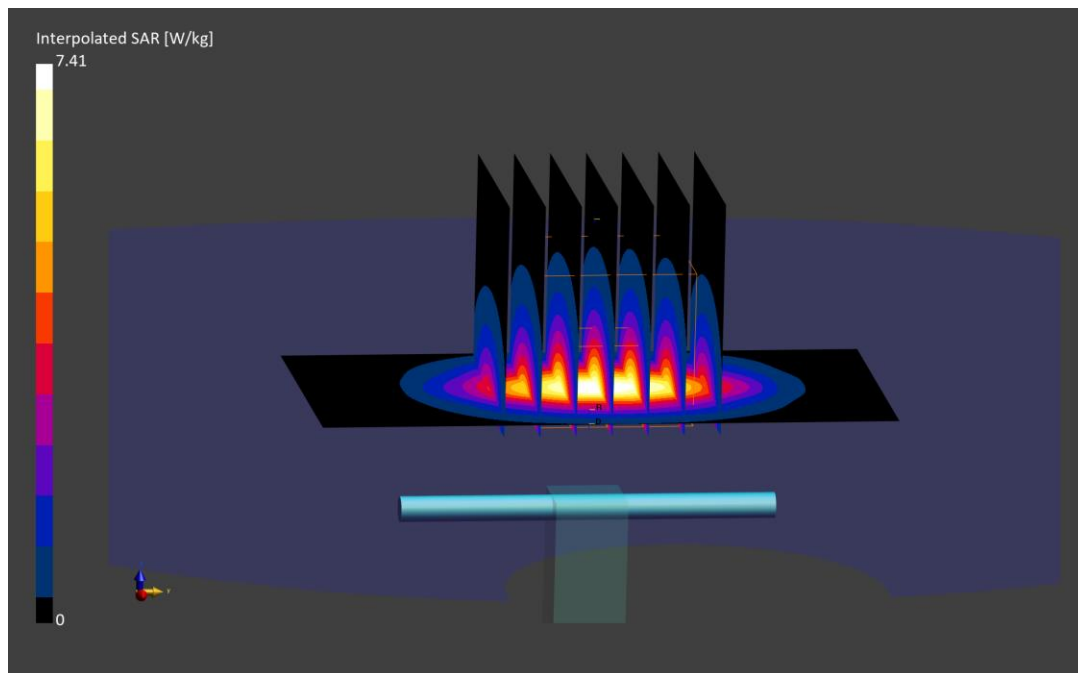
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.7 W/kg

SAR(10 g) = 2.65 W/kg

Deviation (10 g) = 5.58%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN855

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/28/2025; Ambient Temp: 22.8°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3746; ConvF:(6.85,6.56,7.1); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

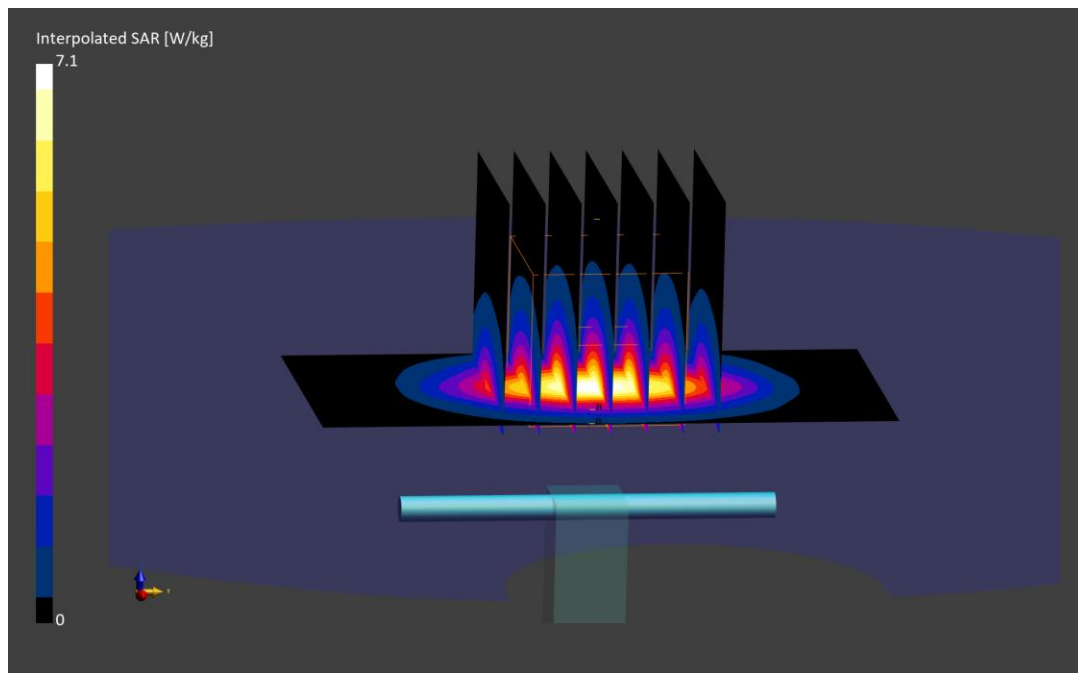
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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(10 g) = 2.37 W/kg

Deviation (10 g) = -3.66%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2600.0$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/23/2025; Ambient Temp: 21.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN3746; ConvF:(6.68,6.4,6.93); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

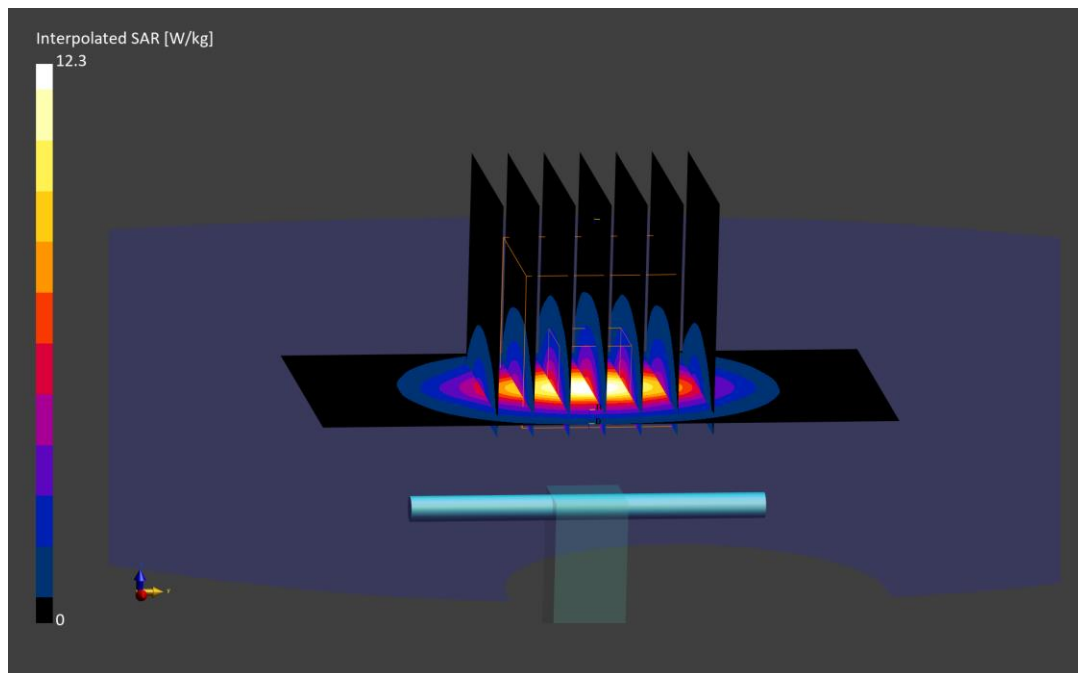
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.3 W/kg

SAR(1 g) = 5.48 W/kg

Deviation (1 g) = -0.18%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2600.0 MHz; cond = 1.97 S/m; perm = 37.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/24/2025; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7357; ConvF:(7.25,6.45,7.66); Calibrated: 2025-04-11

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

Electronics: DAE4 Sn1582; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

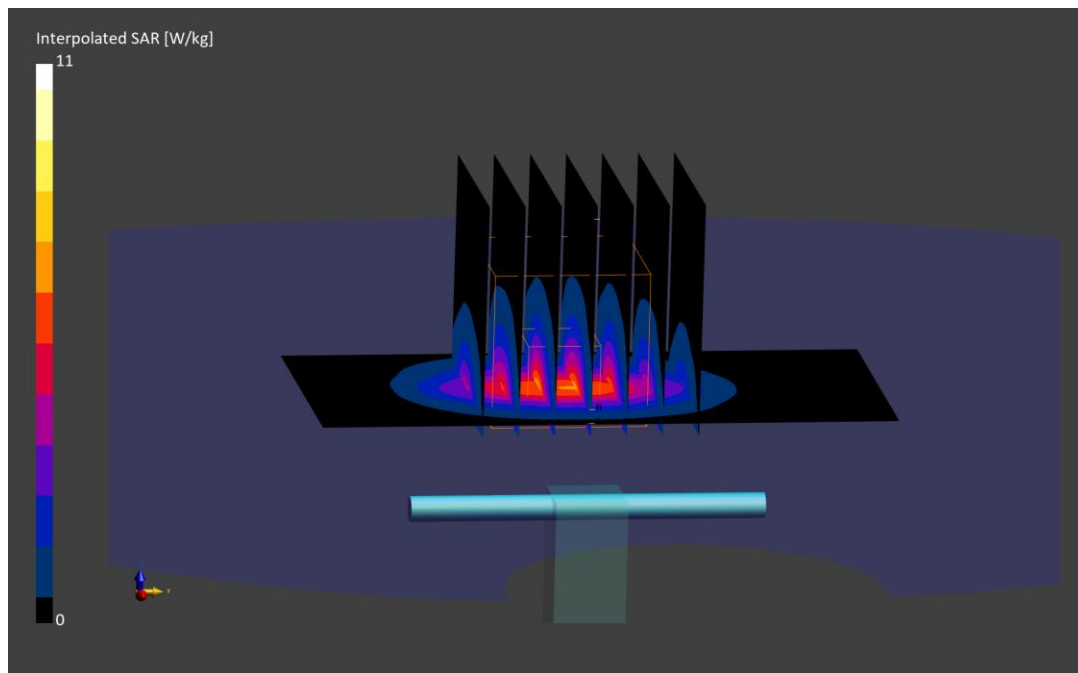
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.0 W/kg

SAR(1 g) = 5.36 W/kg

Deviation (1 g) = -2.37%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1068

Communication System: UID: 0, CW; Frequency: 2600.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2600.0$ MHz; $\text{cond} = 2.05$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/25/2025; Ambient Temp: 22.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3746; ConvF:(6.68,6.4,6.93); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

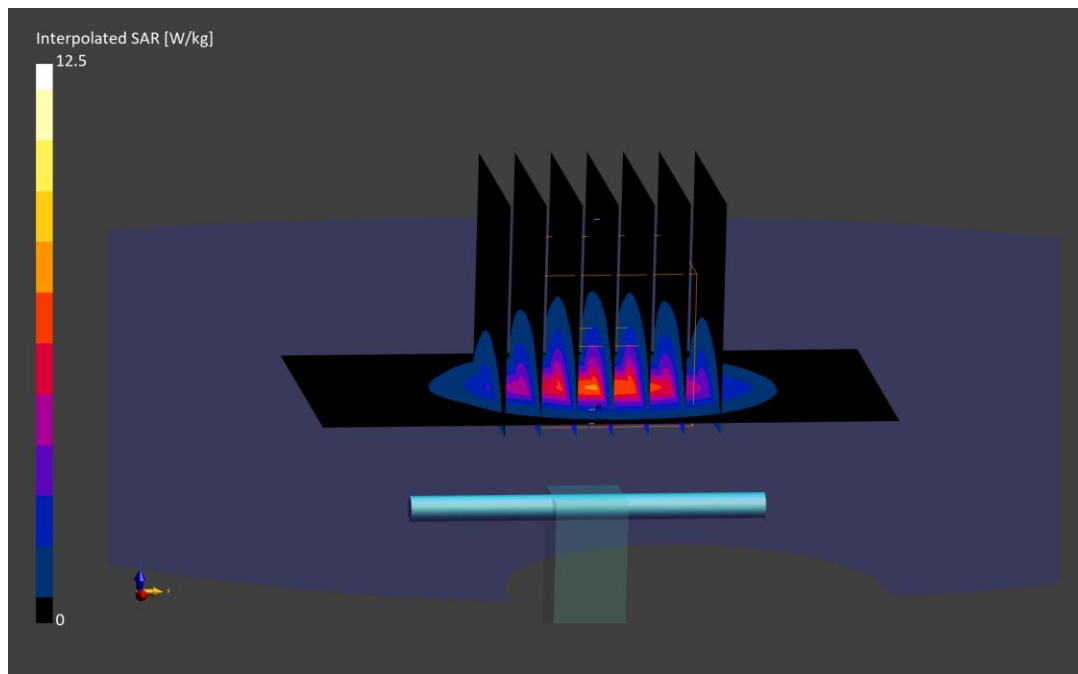
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.5 W/kg

SAR(1 g) = 5.62 W/kg

Deviation (1 g) = -0.53%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2600.0$ MHz; $\text{cond} = 1.95$ S/m; $\text{perm} = 38.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/26/2025; Ambient Temp: 23.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(7.25,6.45,7.66); Calibrated: 2025-04-11

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

Electronics: DAE4 Sn1582; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

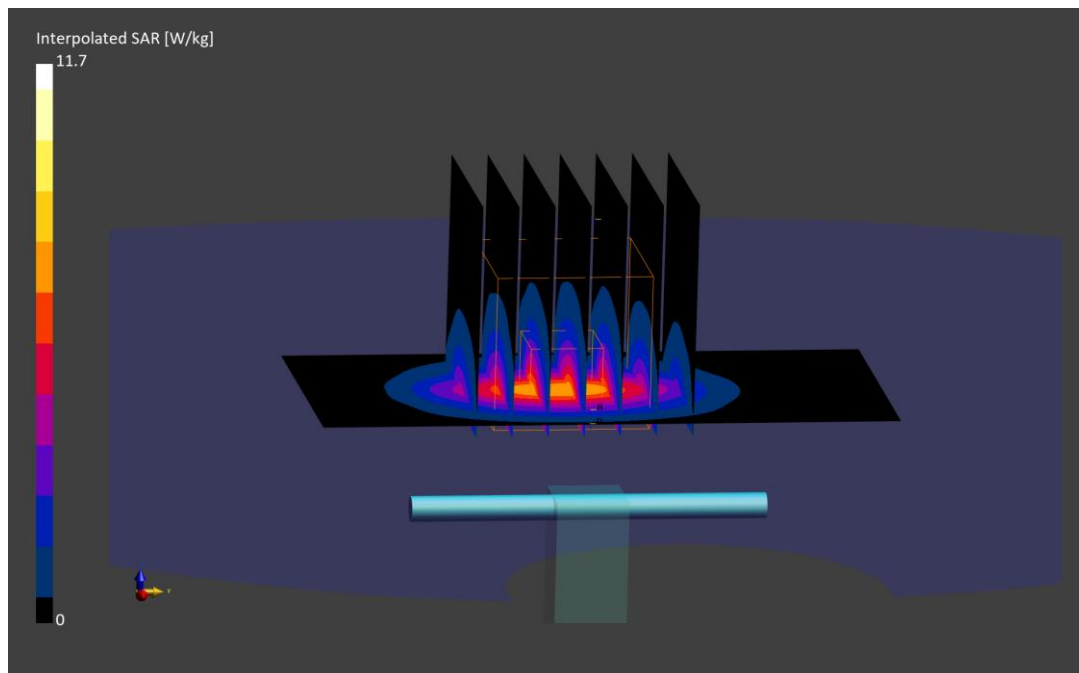
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.7 W/kg

SAR(1 g) = 5.70 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 3.83%; Deviation (10 g) = 5.31%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 1.90$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/02/2025; Ambient Temp: 19.6°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7551; ConvF:(6.87,6.8,6.99); Calibrated: 2025-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2025-04-15
Phantom: Twin-SAM V5.0; Serial: 1647
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

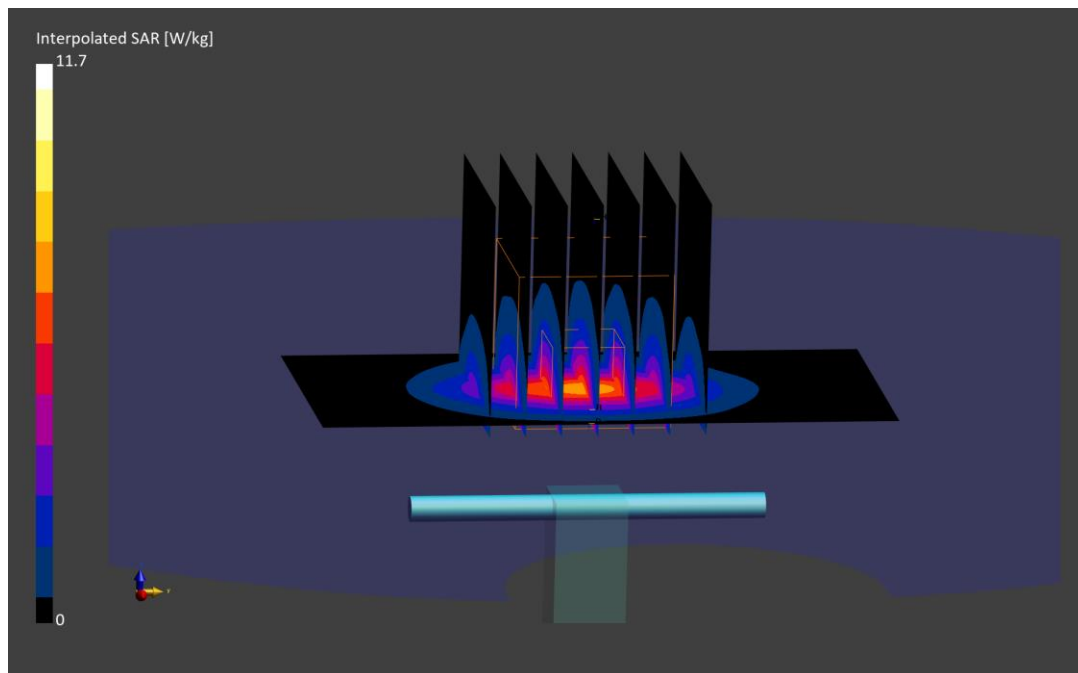
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.7 W/kg

SAR(10 g) = 2.52 W/kg

Deviation (10 g) = 2.86%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1069

Communication System: UID: 0, CW; Frequency: 2600.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2600.0$ MHz; $\text{cond} = 1.92$ S/m; $\text{perm} = 39.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/22/2025; Ambient Temp: 22.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3837; ConvF:(7.51,7.12,7.31); Calibrated: 2024-09-09

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

Electronics: DAE4 Sn793; Calibrated: 2024-09-03

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

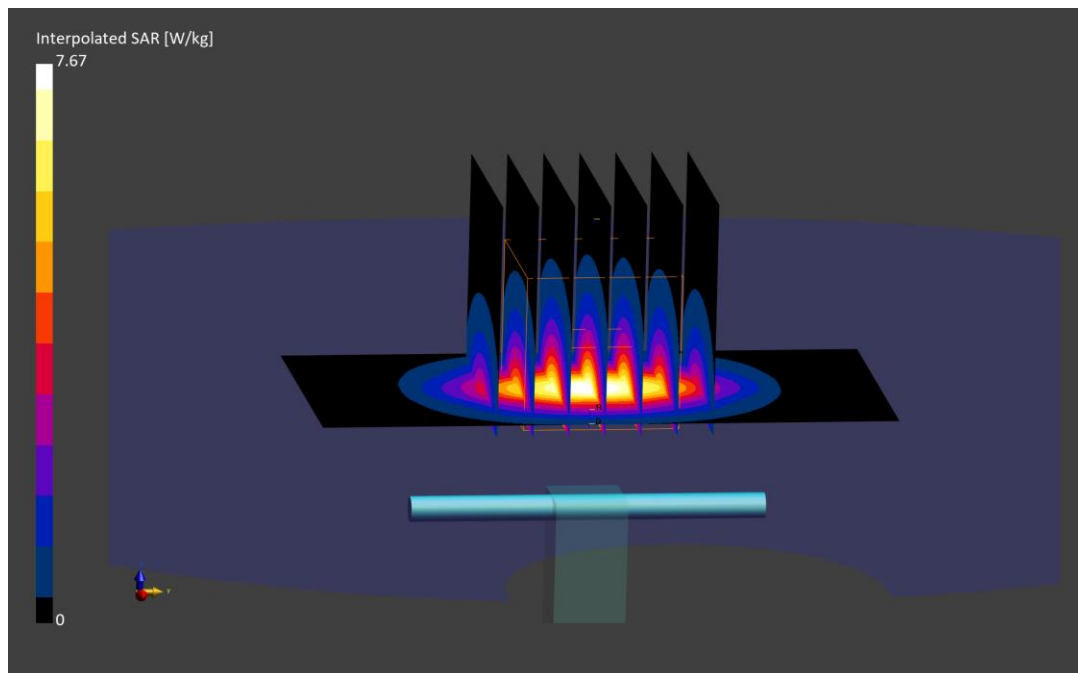
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.0 W/kg

SAR(10 g) = 2.61 W/kg

Deviation (10 g) = 2.35%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1068

Communication System: UID: 0, CW; Frequency: 2600.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2600.0$ MHz; $\text{cond} = 2.02$ S/m; $\text{perm} = 37.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/28/2025; Ambient Temp: 22.8°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3746; ConvF:(6.68,6.4,6.93); Calibrated: 2024-10-15

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

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.4.0.5005

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) = 12.6 W/kg

SAR(10 g) = 2.39 W/kg

Deviation (10 g) = -5.91%

