

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

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 = 0.718 S/m; perm = 53.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 05/06/2025; Ambient Temp: 23.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7539; ConvF:(18.32,18.43,20.5); 2024-11-11
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1415; 2025-03-11
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)

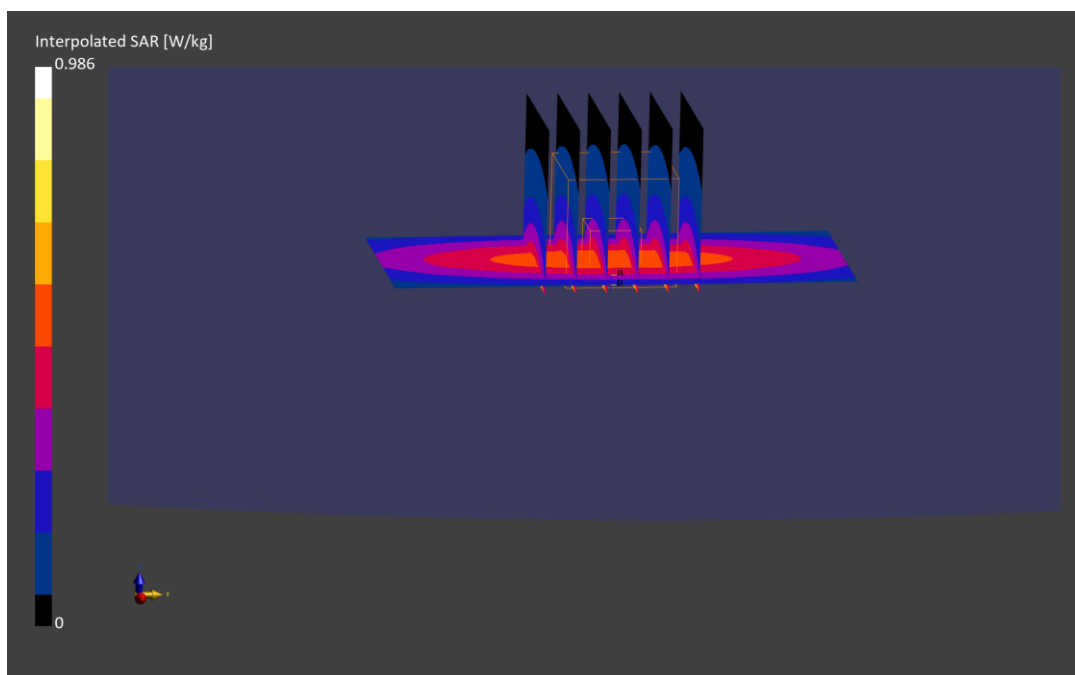
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 0.986 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.314 W/kg

Deviation (1 g) = -3.08%; Deviation (10 g) = -3.38%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.870$ S/m; $\text{perm} = 40.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/03/2025; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7661; ConvF:(9.46,10.16,10.43); 2024-06-17

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

Electronics: DAE4 Sn1558; 2024-06-11

Phantom: Twin-SAM V8.0; Serial: 1964

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

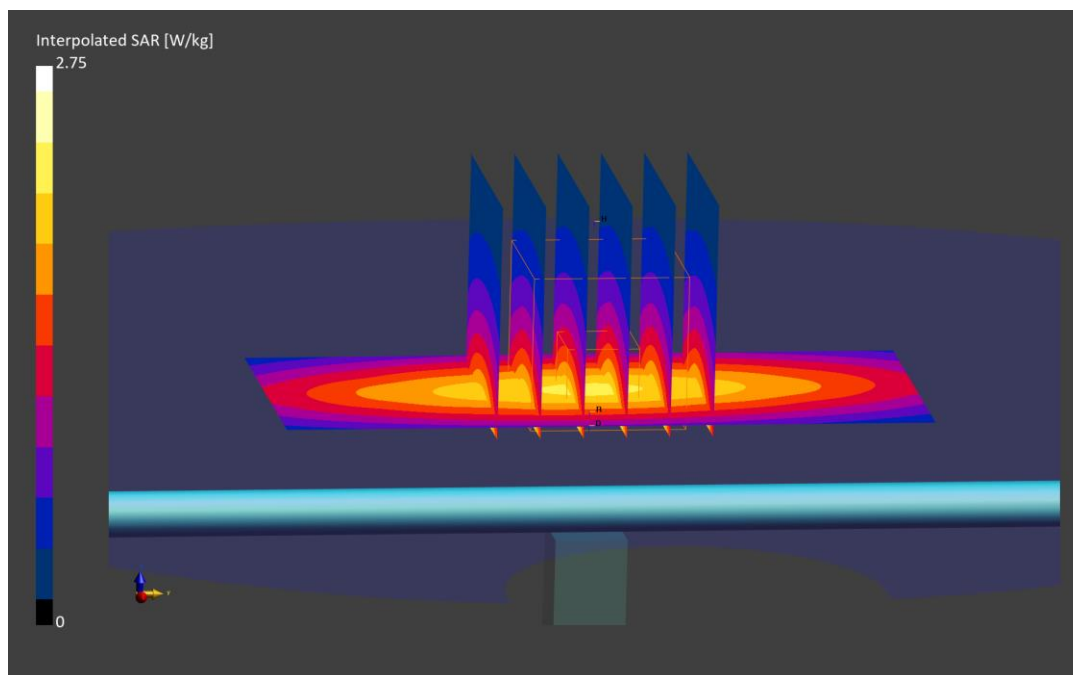
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.75 W/kg

SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.22 W/kg

Deviation (1 g) = 5.41%; Deviation (10 g) = 8.73%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.891$ S/m; $\text{perm} = 41.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/09/2025; Ambient Temp: 24.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7713; ConvF:(10.6,9.87,9.6); 2025-01-07

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

Electronics: DAE4 Sn1530; 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

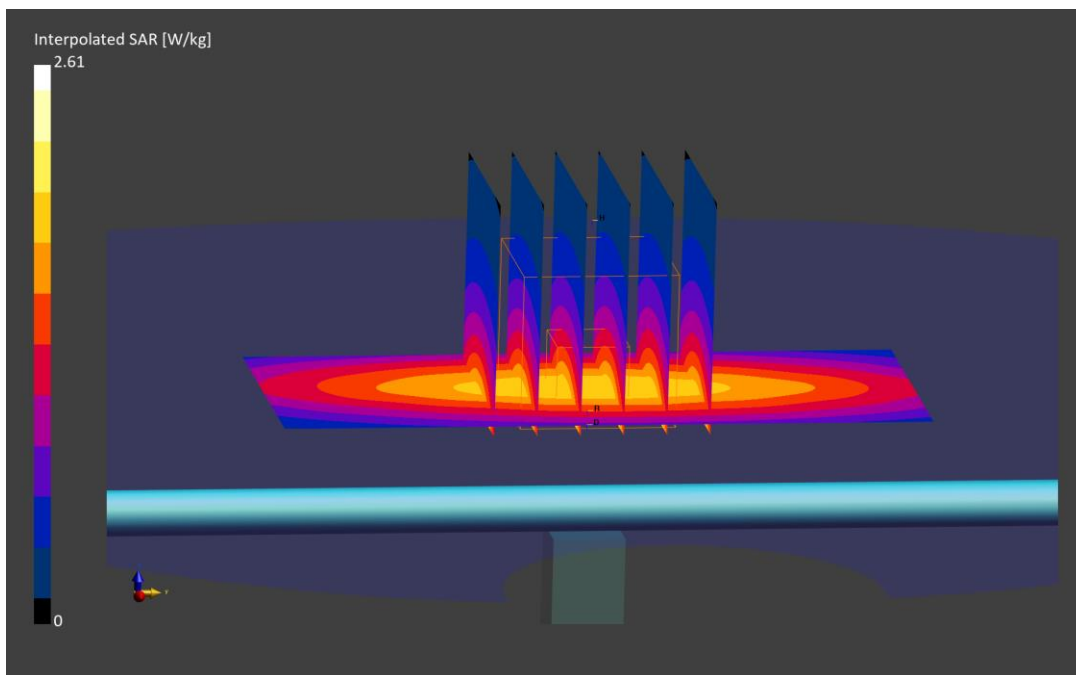
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.61 W/kg

SAR(1 g) = 1.70 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -2.07%; Deviation (10 g) = -0.18%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.890$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/12/2025; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7659; ConvF:(10.15,9.74,9.87); 2025-04-07

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

Electronics: DAE4 Sn1272; 2025-04-10

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

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

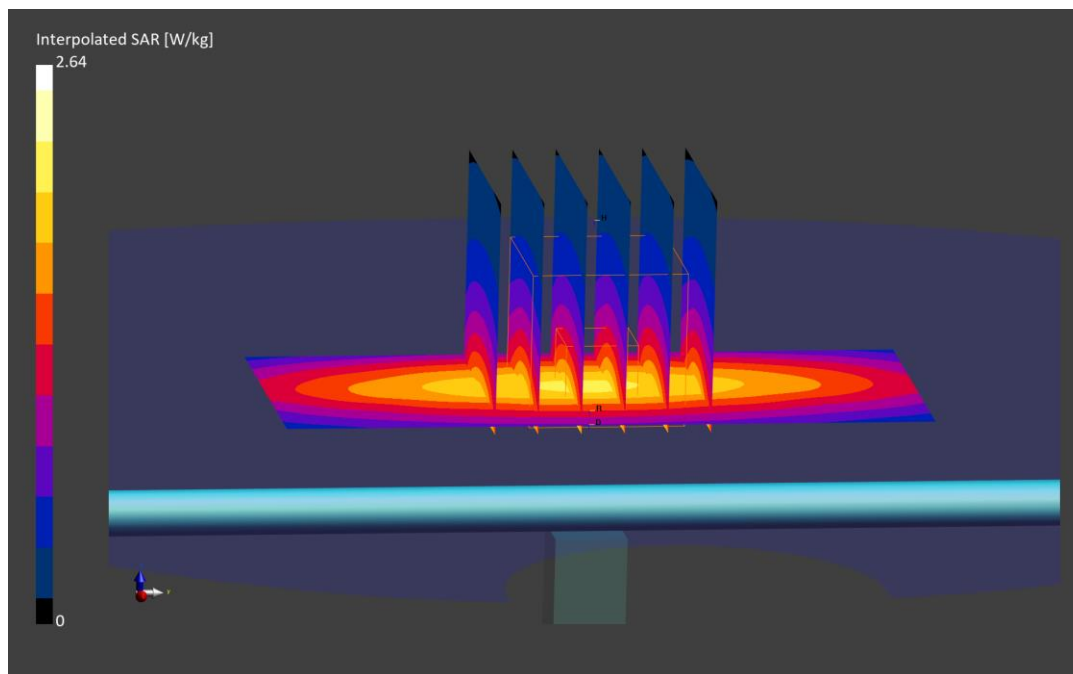
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.64 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 0.23%; Deviation (10 g) = 2.50%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.883$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/16/2025; Ambient Temp: 23.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7659; ConvF:(10.15,9.74,9.87); 2025-04-07

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

Electronics: DAE4 Sn1272; 2025-04-10

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

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

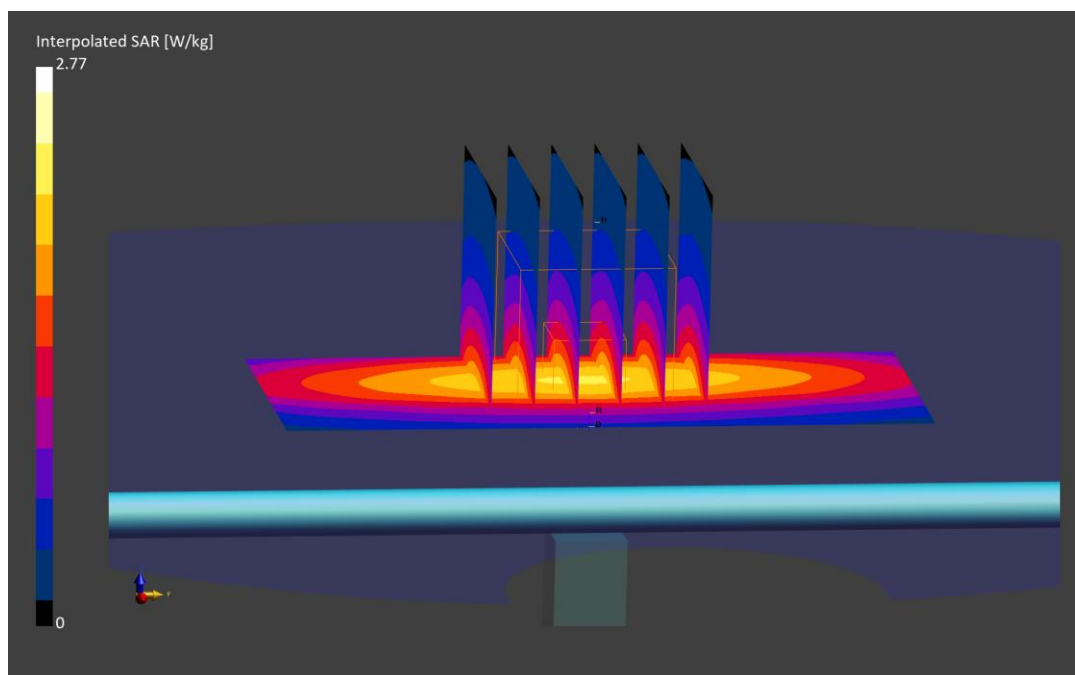
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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(1 g) = 1.81 W/kg; SAR(10 g) = 1.19 W/kg

Deviation (1 g) = 4.26%; Deviation (10 g) = 6.06%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

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

Medium: 750 Head; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.871$ S/m; $\text{perm} = 43.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/21/2025; Ambient Temp: 21.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7670; ConvF:(8.99,9.54,9.94); 2024-09-09

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

Electronics: DAE4 Sn1450; 2024-12-10

Phantom: Twin-SAM V8.0; Serial: 1980

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

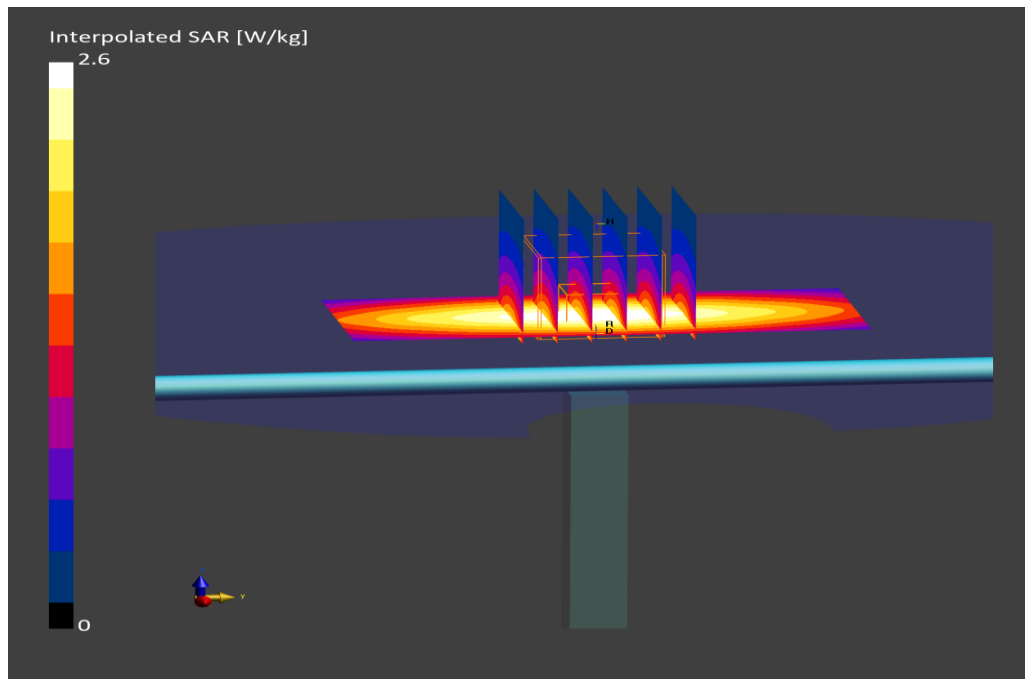
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): 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(1 g) = 1.73 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = 3.47%; Deviation (10 g) = 7.21%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

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

Medium: 750 Head; Medium parameters used:

$f = 750.000$ MHz; $\text{cond} = 0.871$ S/m; $\text{perm} = 43.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/27/2025; Ambient Temp: 22.5°C; Tissue Temp: 23.6°C

Probe: EX3DV4 - SN7670; ConvF:(8.99,9.54,9.94); 2024-09-09

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

Electronics: DAE4 Sn1450; 2024-12-10

Phantom: Twin-SAM V8.0; Serial: 1980

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

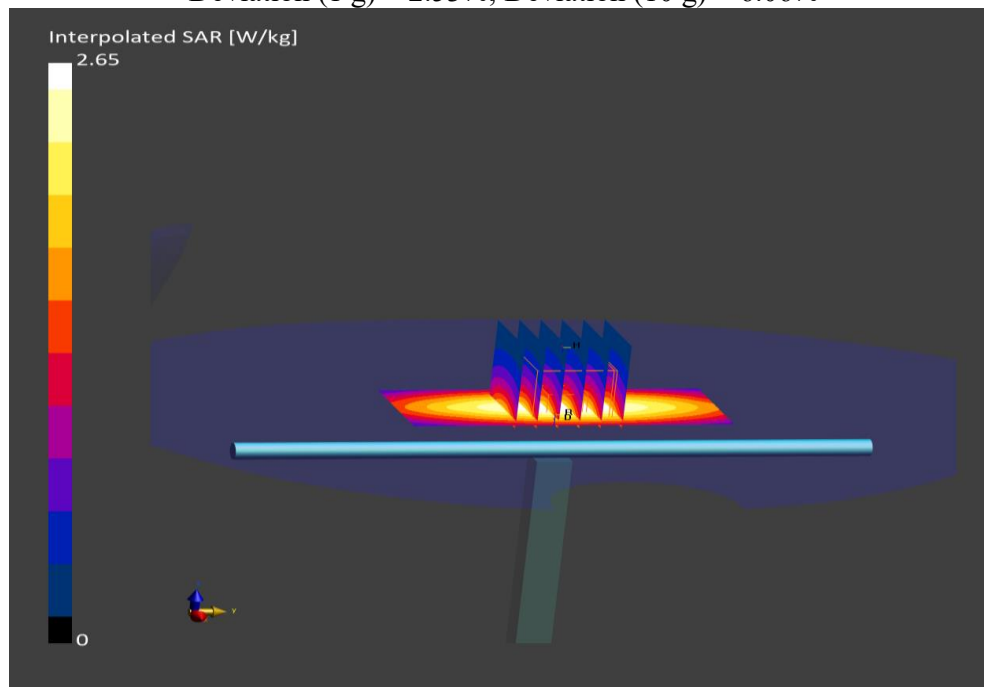
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.19 W/kg

Deviation (1 g) = 2.53%; Deviation (10 g) = 6.06%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d047

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

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.921 S/m; perm = 43.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 04/16/2025; Ambient Temp: 23°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN3914; ConvF:(9.48,8.48,8.69); 2024-05-10

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

Electronics: DAE4 Sn728; 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

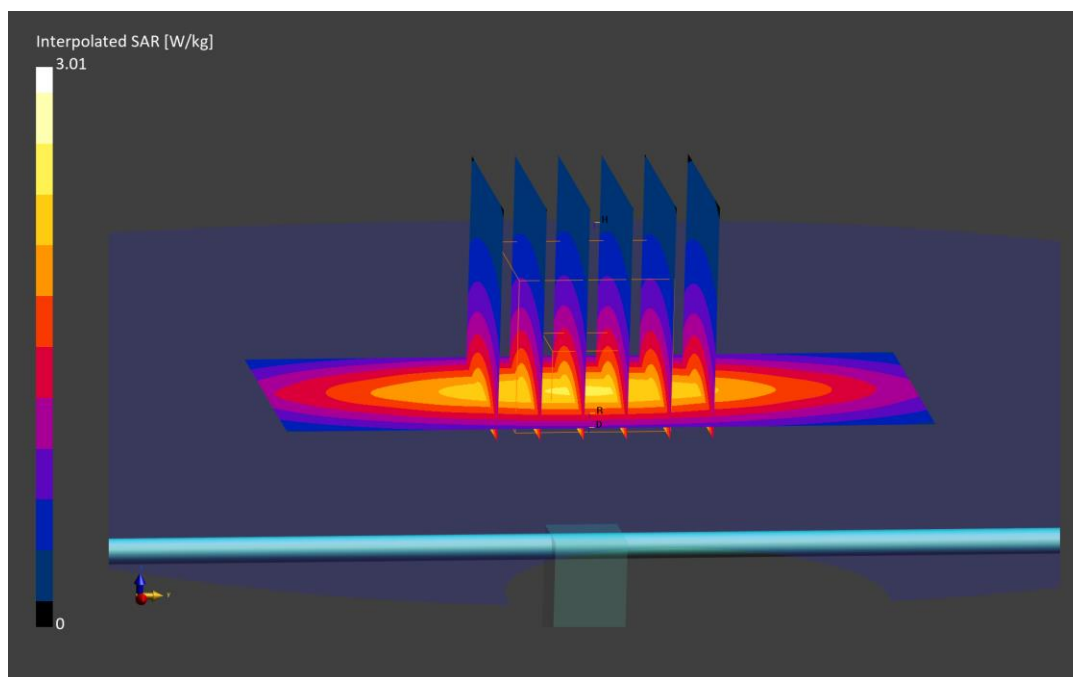
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.01 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.33 W/kg

Deviation (1 g) = 6.46%; Deviation (10 g) = 9.20%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.898$ S/m; $\text{perm} = 42.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 04/21/2025; Ambient Temp: 21.9°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3914; ConvF:(9.48,8.48,8.69); 2024-05-10

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

Electronics: DAE4 Sn728; 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

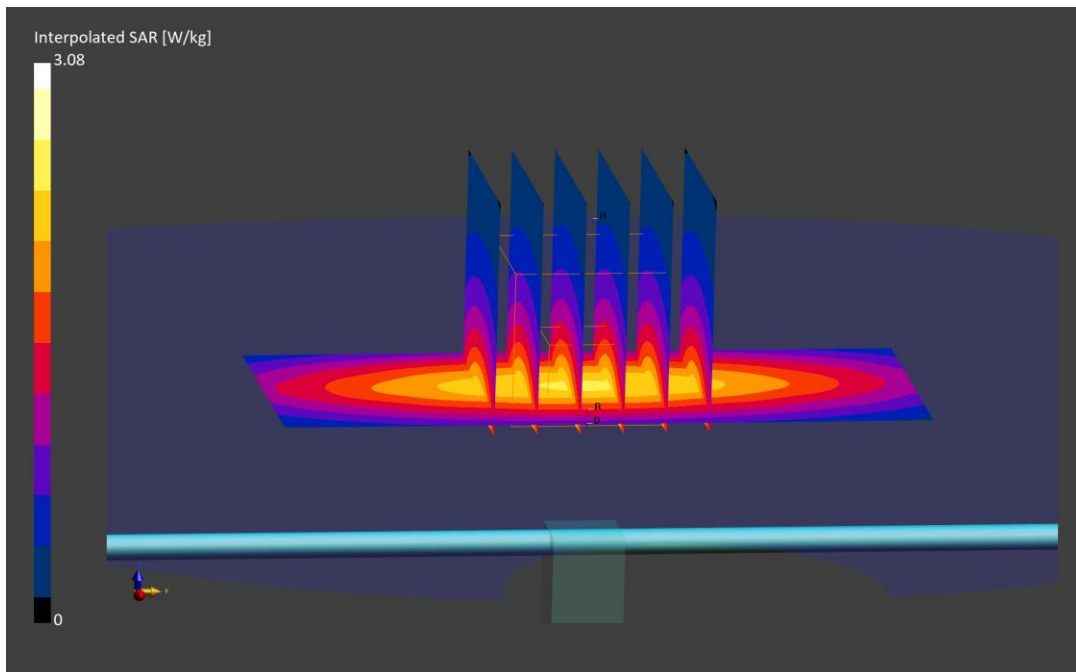
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.08 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.37 W/kg

Deviation (1 g) = 4.12%; Deviation (10 g) = 5.55%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.895$ S/m; $\text{perm} = 42.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 04/28/2025; Ambient Temp: 25.0°C; Tissue Temp: 24.7°C

Probe: EX3DV4 - SN7803; ConvF:(9.1,9.3,9.46); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

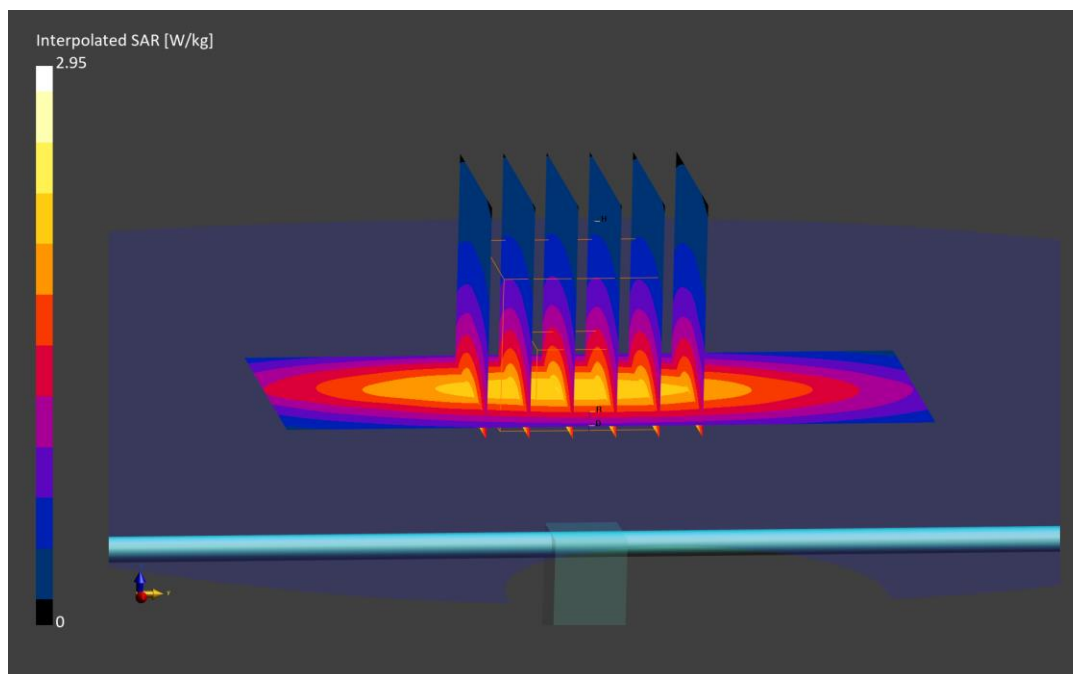
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.95 W/kg

SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.29 W/kg

Deviation (1 g) = -0.91%; Deviation (10 g) = 0.78%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.918$ S/m; $\text{perm} = 40.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 04/28/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(9.59,9.45,10.32); 2024-05-08

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

Electronics: DAE4 Sn1678; 2024-05-08

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

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

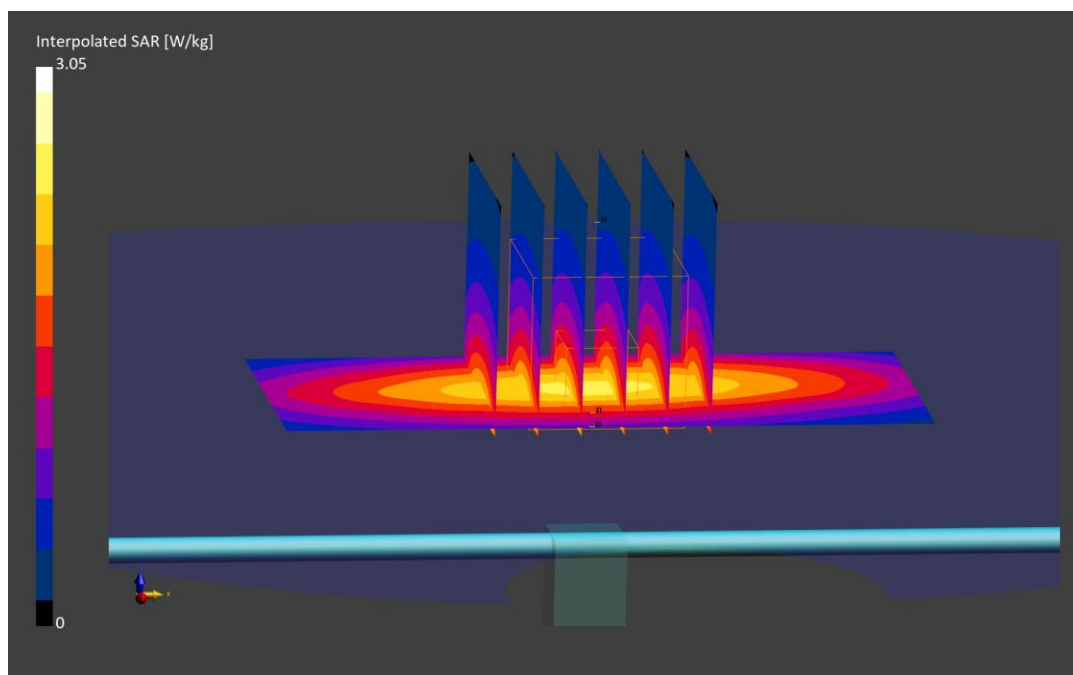
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.05 W/kg

SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.35 W/kg

Deviation (1 g) = 4.17%; Deviation (10 g) = 5.47%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

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

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.896 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/03/2025; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7661; ConvF:(9.22,9.91,10.16); 2024-06-17

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

Electronics: DAE4 Sn1558; 2024-06-11

Phantom: Twin-SAM V8.0; Serial: 1964

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

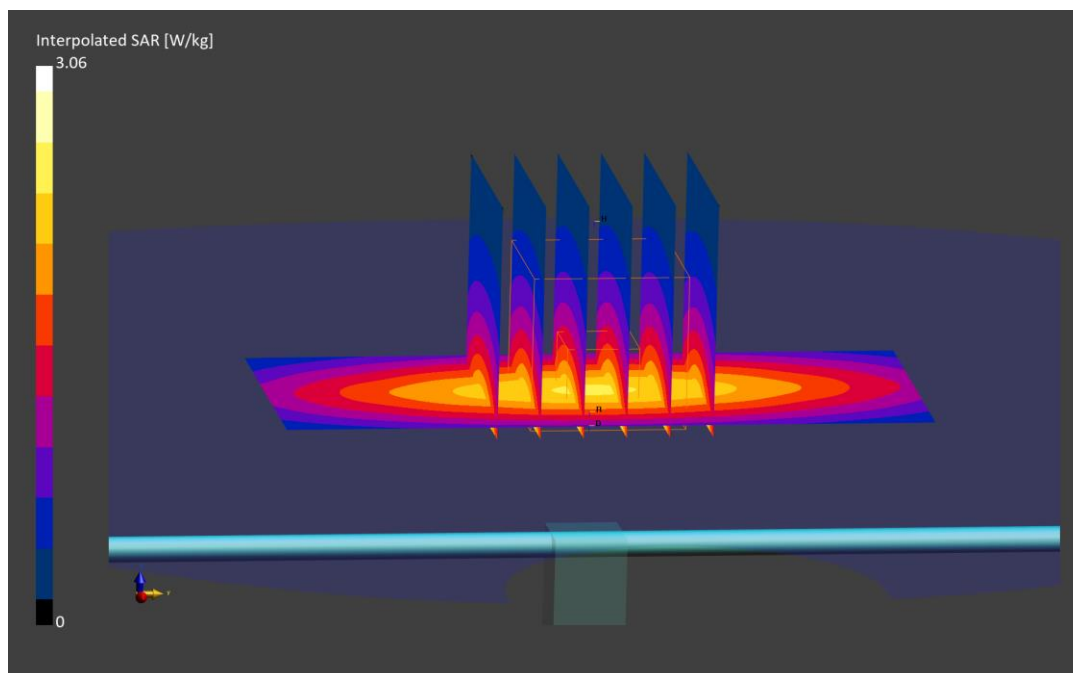
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.06 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.36 W/kg

Deviation (1 g) = 3.66%; Deviation (10 g) = 6.25%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 835.000 MHz; cond = 0.920 S/m; perm = 40.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 05/12/2025; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7659; ConvF:(9.99,9.58,9.71); 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

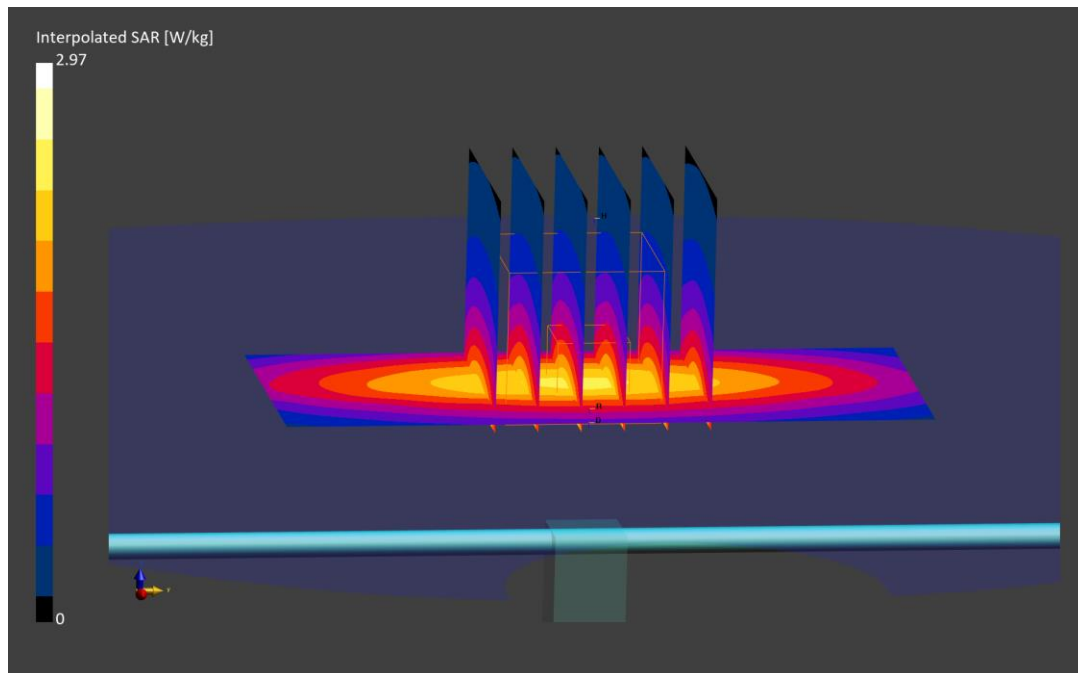
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.97 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.29 W/kg

Deviation (1 g) = -0.91%; Deviation (10 g) = -0.62%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

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

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.916 S/m; perm = 39.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/14/2025; Ambient Temp: 19.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7659; ConvF:(9.99,9.58,9.71); 2025-04-07

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

Electronics: DAE4 Sn1272; 2025-04-10

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

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

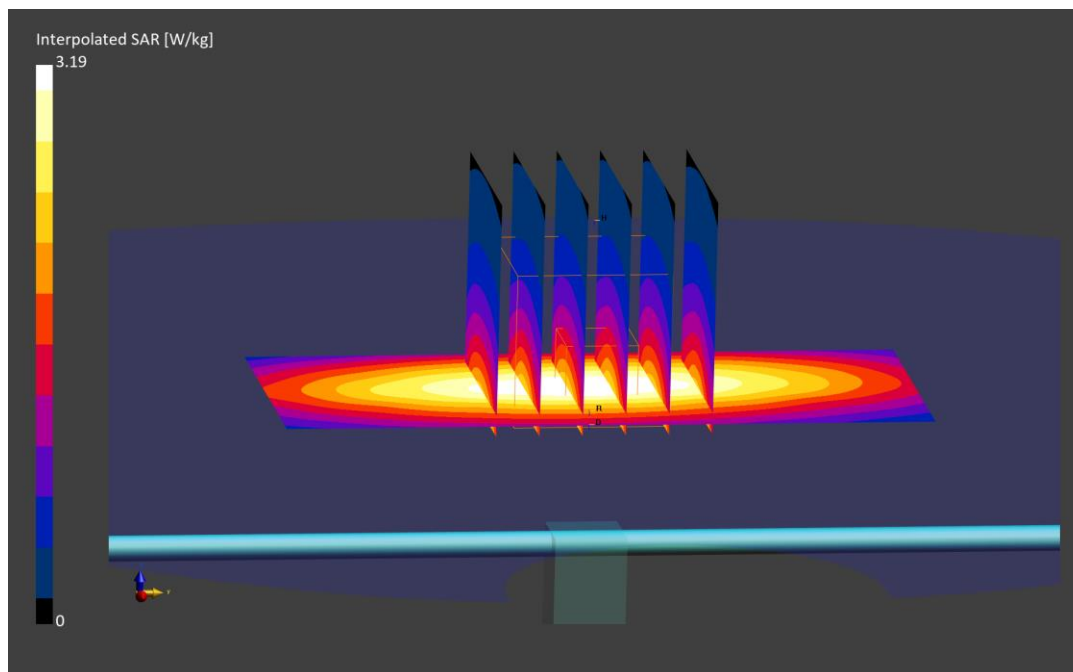
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.19 W/kg

SAR(1 g) = 2.10 W/kg; SAR(10 g) = 1.37 W/kg

Deviation (1 g) = 5.63%; Deviation (10 g) = 5.55%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

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

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.911 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/16/2025; Ambient Temp: 23.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7659; ConvF:(9.99,9.58,9.71); 2025-04-07

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

Electronics: DAE4 Sn1272; 2025-04-10

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

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

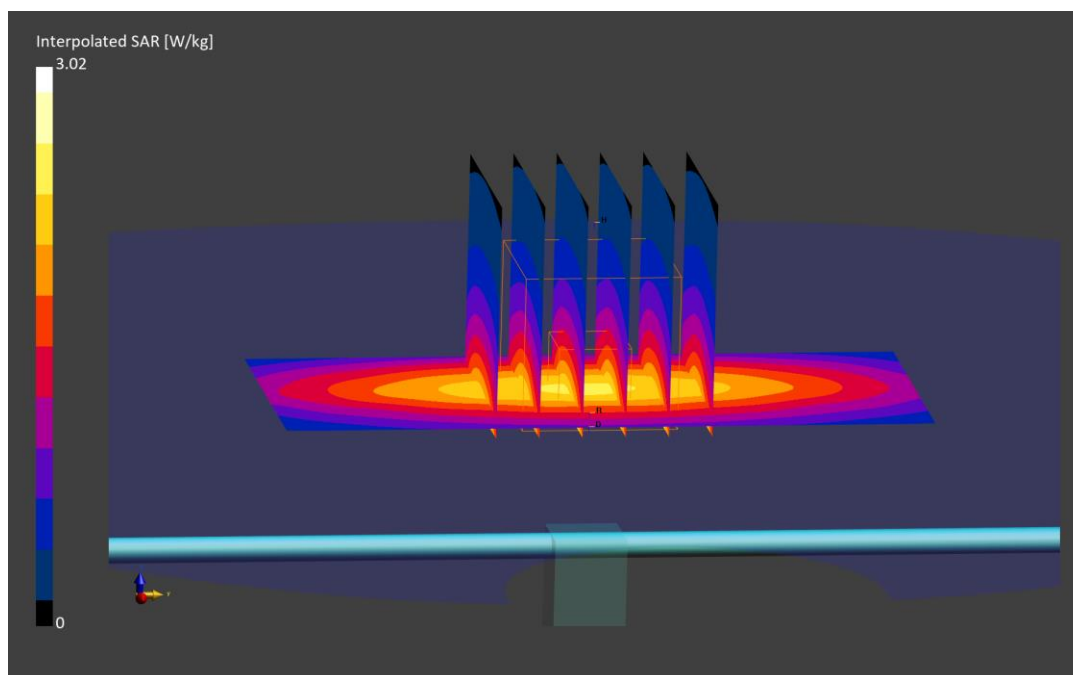
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.02 W/kg

SAR(1 g) = 2.00 W/kg; SAR(10 g) = 1.31 W/kg

Deviation (1 g) = 0.60%; Deviation (10 g) = 0.92%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.901$ S/m; $\text{perm} = 43.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/16/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7570; ConvF:(9.34,9.88,9.24); 2025-02-10

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

Electronics: DAE4ip Sn1638; 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

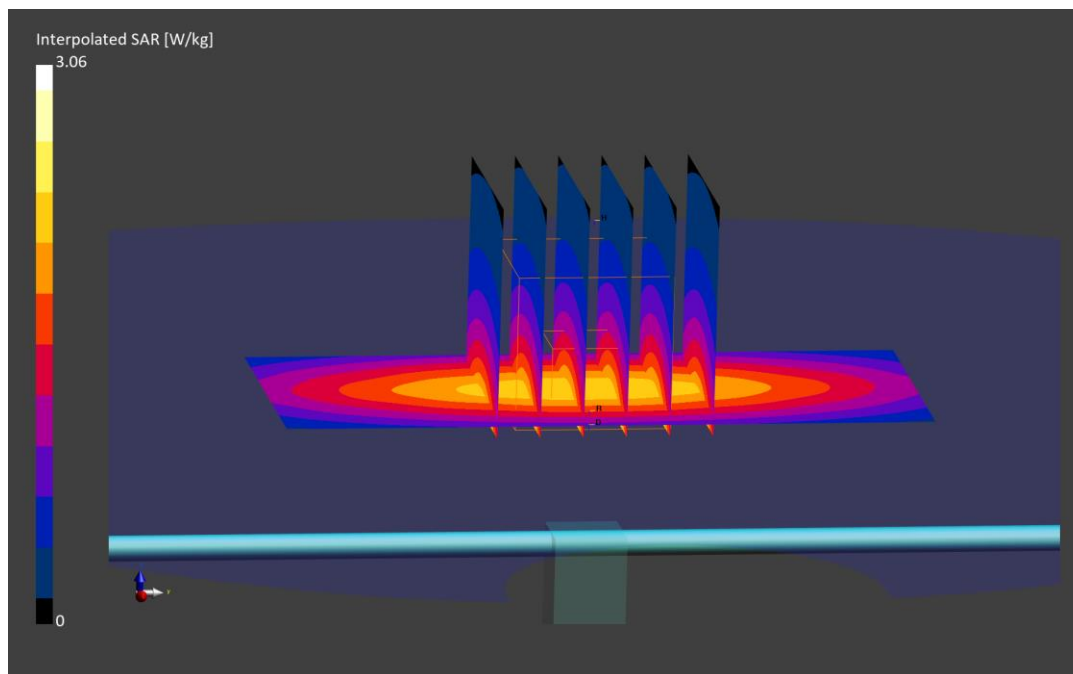
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.06 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.27 W/kg

Deviation (1 g) = -2.41%; Deviation (10 g) = -2.16%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 750 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.900 S/m; perm = 43.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 05/19/2025; Ambient Temp: 20.7°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.71,9.24,9.62); 2024-09-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; 2024-12-10
Phantom: Twin-SAM V8.0; Serial: 1980
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

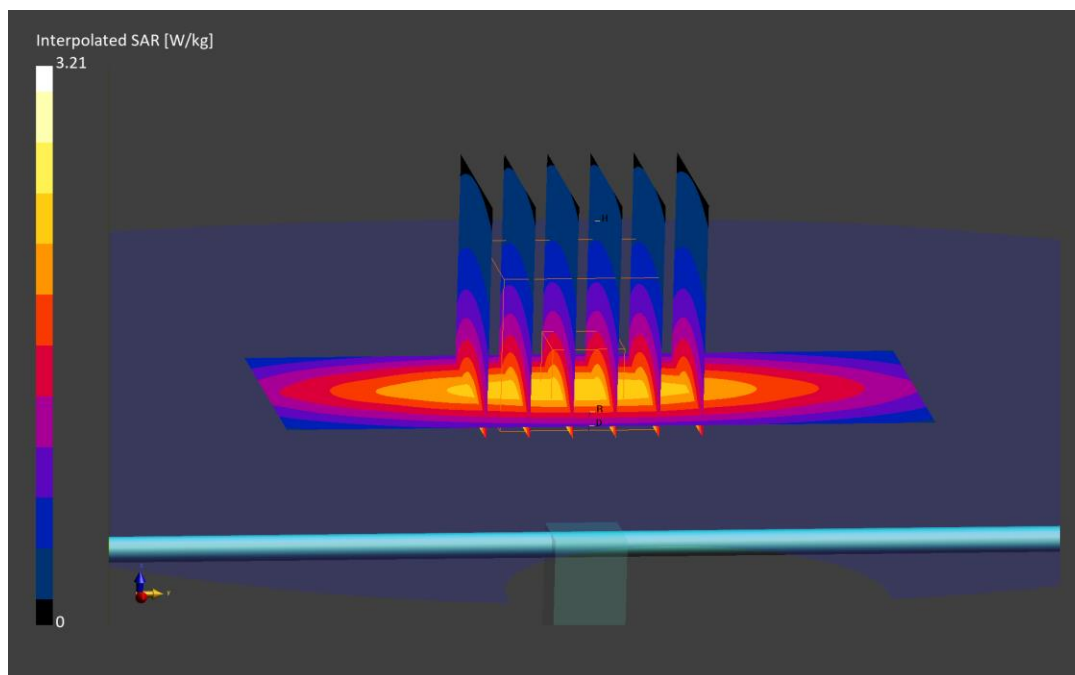
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.35 W/kg

Deviation (1 g) = 5.18%; Deviation (10 g) = 5.47%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 750 Head; Medium parameters used:
 $f = 835.000$ MHz; $\text{cond} = 0.900$ S/m; $\text{perm} = 43.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 05/27/2025; Ambient Temp: 22.5°C; Tissue Temp: 23.6°C

Probe: EX3DV4 - SN7670; ConvF:(8.71,9.24,9.62); 2024-09-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; 2024-12-10
Phantom: Twin-SAM V8.0; Serial: 1980
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

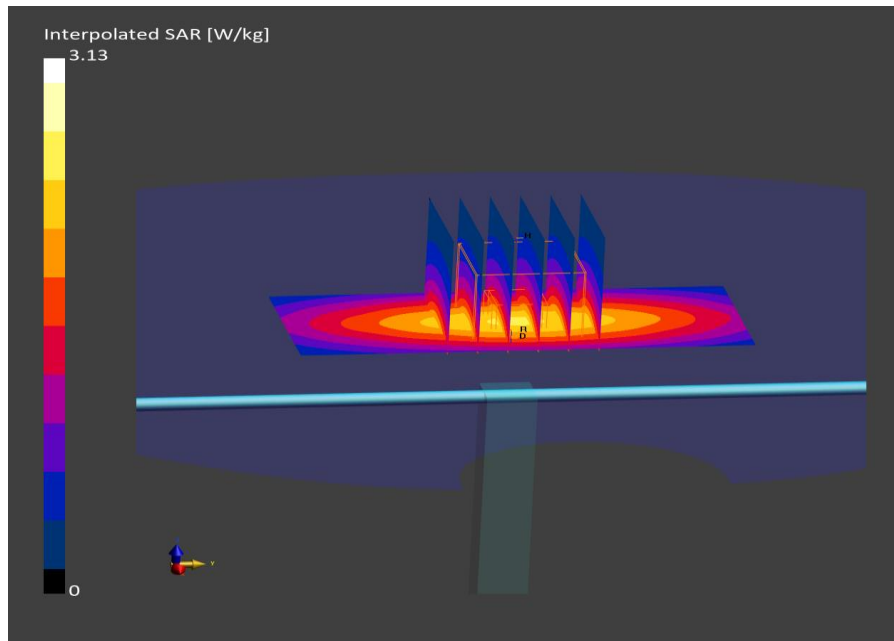
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.40 W/kg

Deviation (1 g) = 6.20%; Deviation (10 g) = 9.38%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.36 S/m; perm = 38.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/14/2025; Ambient Temp: 23.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7488; ConvF:(8.62,8.4,8.38); 2025-03-07

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

Electronics: DAE4 Sn1415; 2025-03-11

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

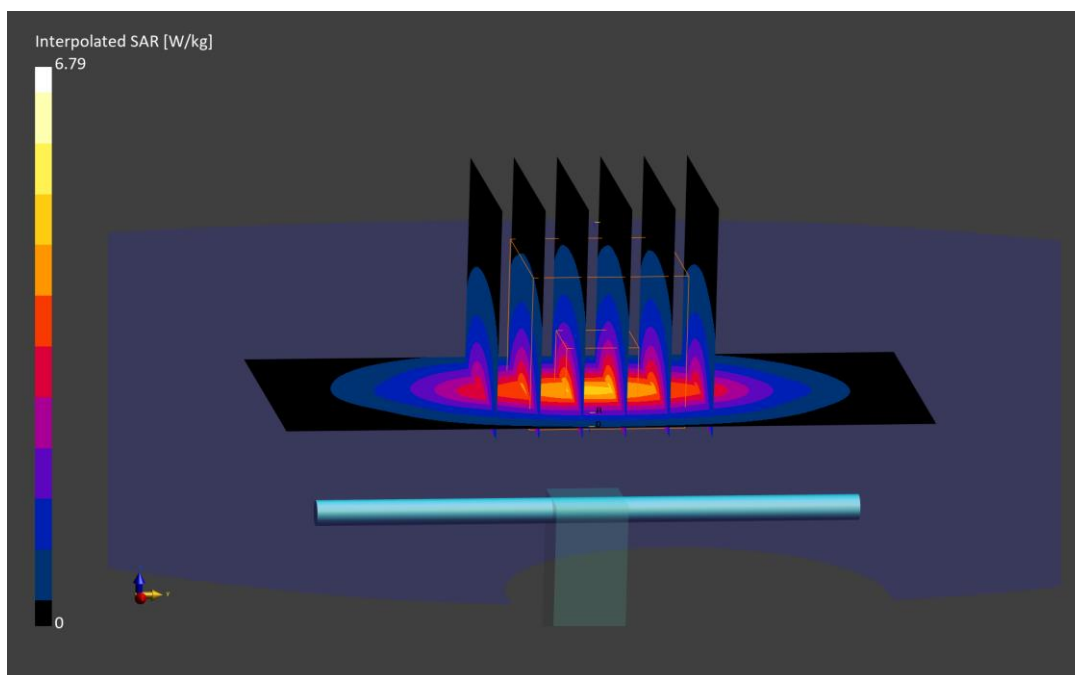
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.79 W/kg

SAR(1 g) = 3.77 W/kg; SAR(10 g) = 2.00 W/kg

Deviation (1 g) = 3.57%; Deviation (10 g) = 3.09%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.35 S/m; perm = 38.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/16/2025; Ambient Temp: 23.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7488; ConvF:(8.62,8.4,8.38); 2025-03-07

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

Electronics: DAE4 Sn1415; 2025-03-11

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

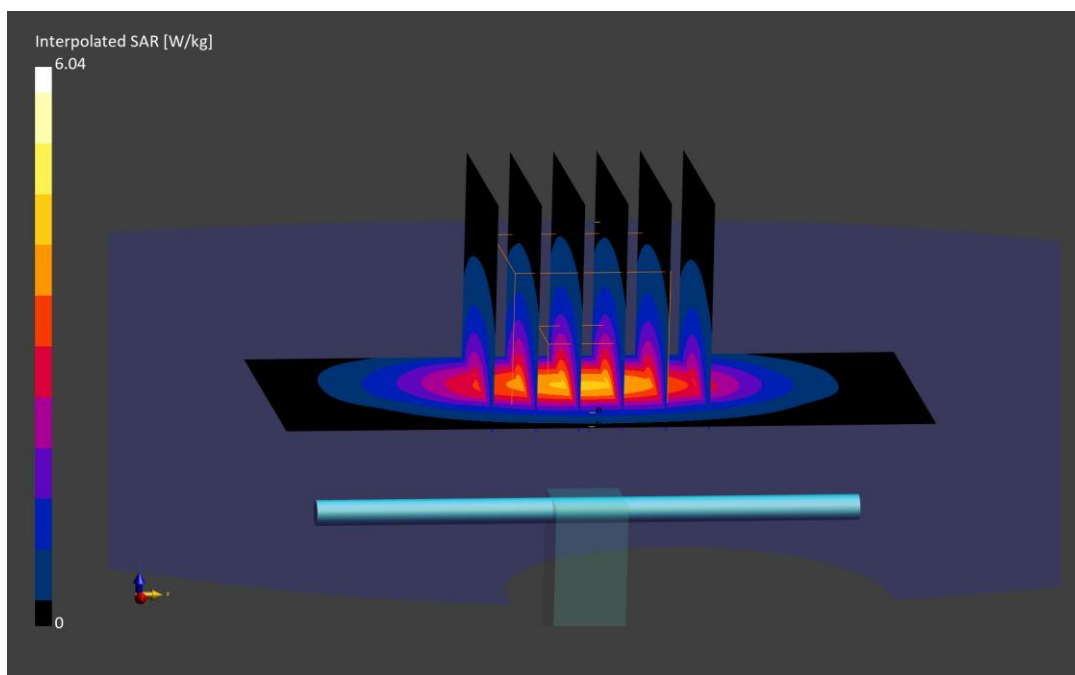
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.04 W/kg

SAR(1 g) = 3.42 W/kg; SAR(10 g) = 1.83 W/kg

Deviation (1 g) = -7.32%; Deviation (10 g) = -6.63%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

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 = 38.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/16/2025; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7406; ConvF:(7.91,7.48,8.34); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

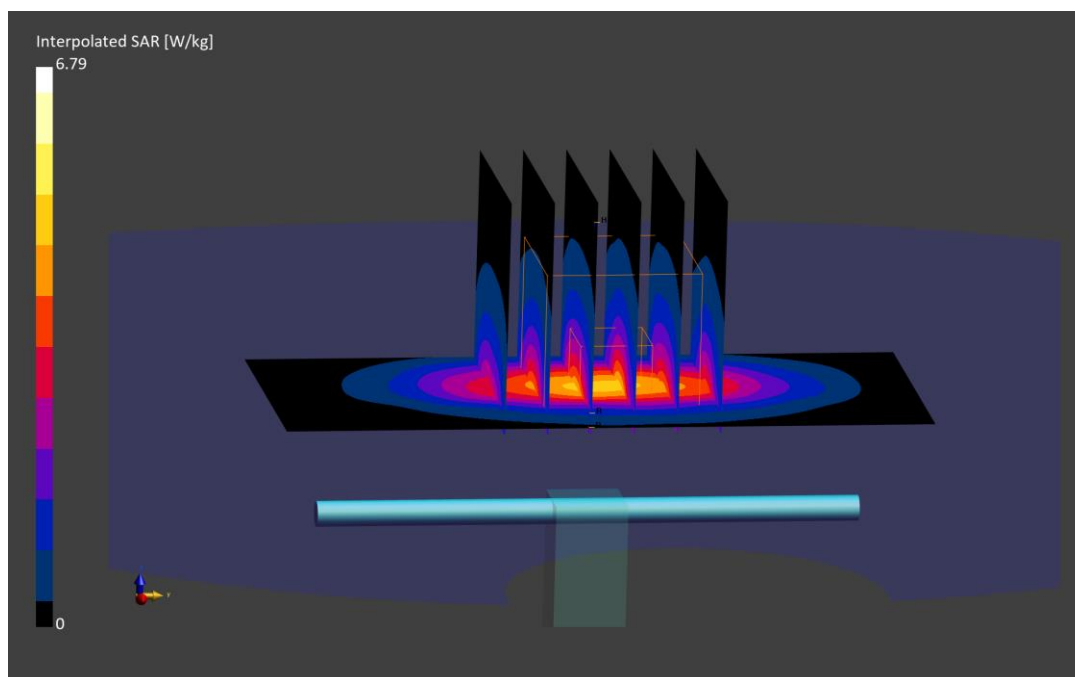
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.79 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 2.01 W/kg

Deviation (1 g) = 2.71%; Deviation (10 g) = 2.55%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1750.000$ MHz; $\text{cond} = 1.34$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/03/2025; Ambient Temp: 21.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.88,8.27,8.04); 2025-01-07

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

Electronics: DAE4 Sn1530; 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

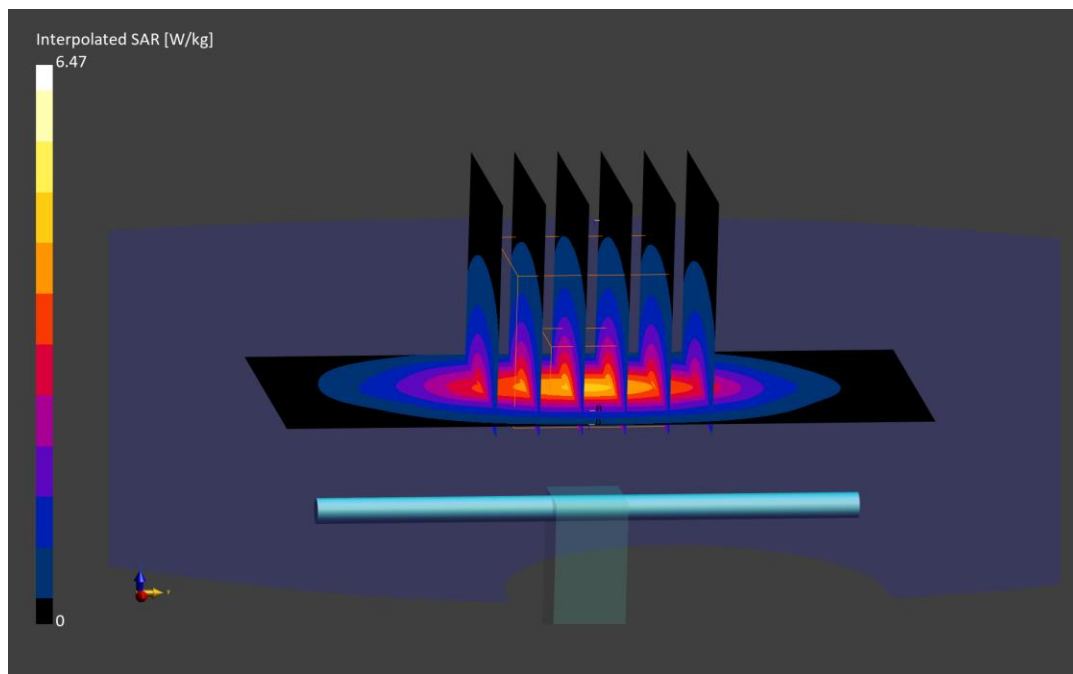
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.47 W/kg

SAR(1 g) = 3.61 W/kg; SAR(10 g) = 1.95 W/kg

Deviation (1 g) = -0.82%; Deviation (10 g) = 0.52%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.36 S/m; perm = 39.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/09/2025; Ambient Temp: 21.6°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7406; ConvF:(7.91,7.48,8.34); 2024-07-05

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

Electronics: DAE4 Sn1677; 2024-07-08

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

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

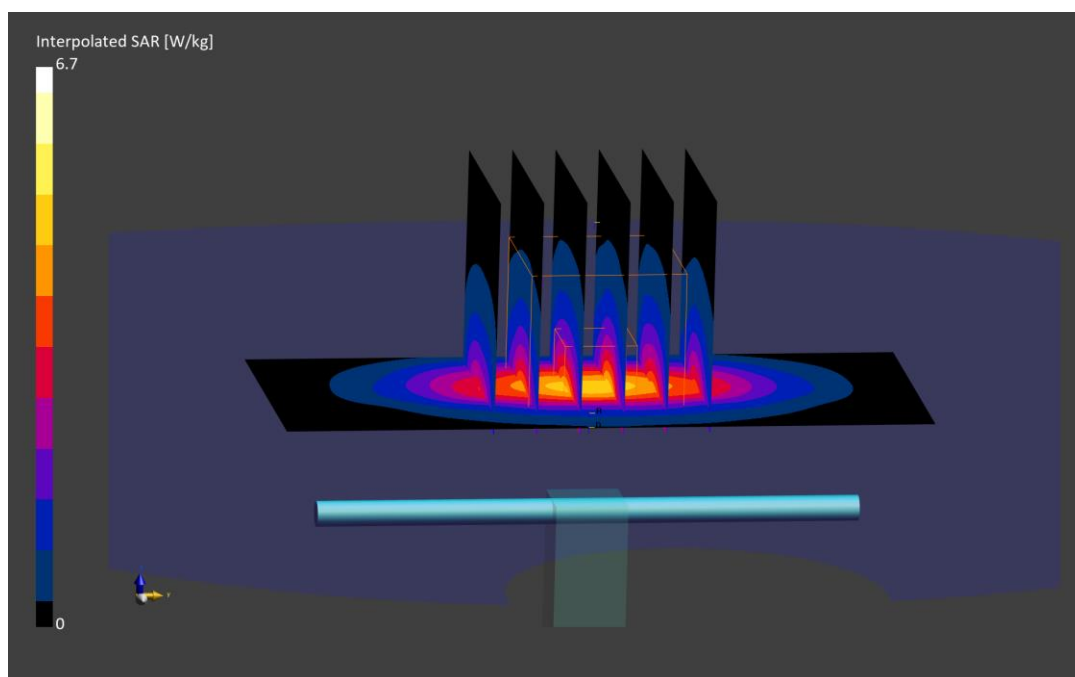
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.70 W/kg

SAR(1 g) = 3.77 W/kg; SAR(10 g) = 2.00 W/kg

Deviation (1 g) = 2.17%; Deviation (10 g) = 2.04%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

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 = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/14/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7406; ConvF:(7.91,7.48,8.34); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

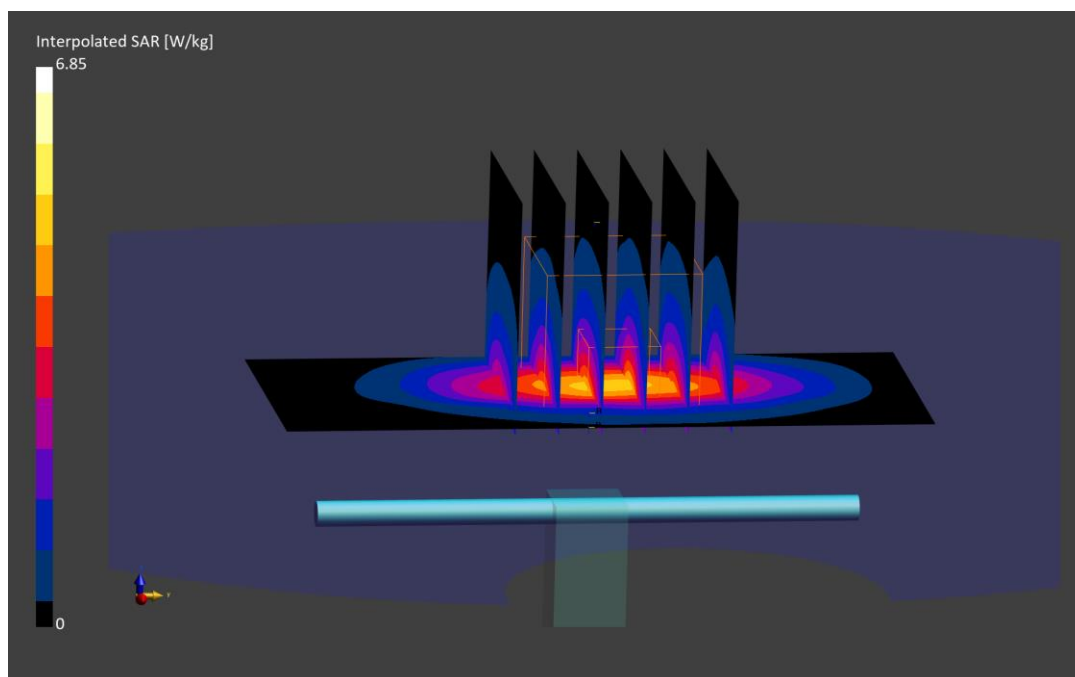
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.85 W/kg

SAR(1 g) = 3.80 W/kg; SAR(10 g) = 2.02 W/kg

Deviation (1 g) = 2.98%; Deviation (10 g) = 3.06%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

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 = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/14/2025; Ambient Temp: 23.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7488; ConvF:(8.16,7.95,7.93); 2025-03-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2025-03-11
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

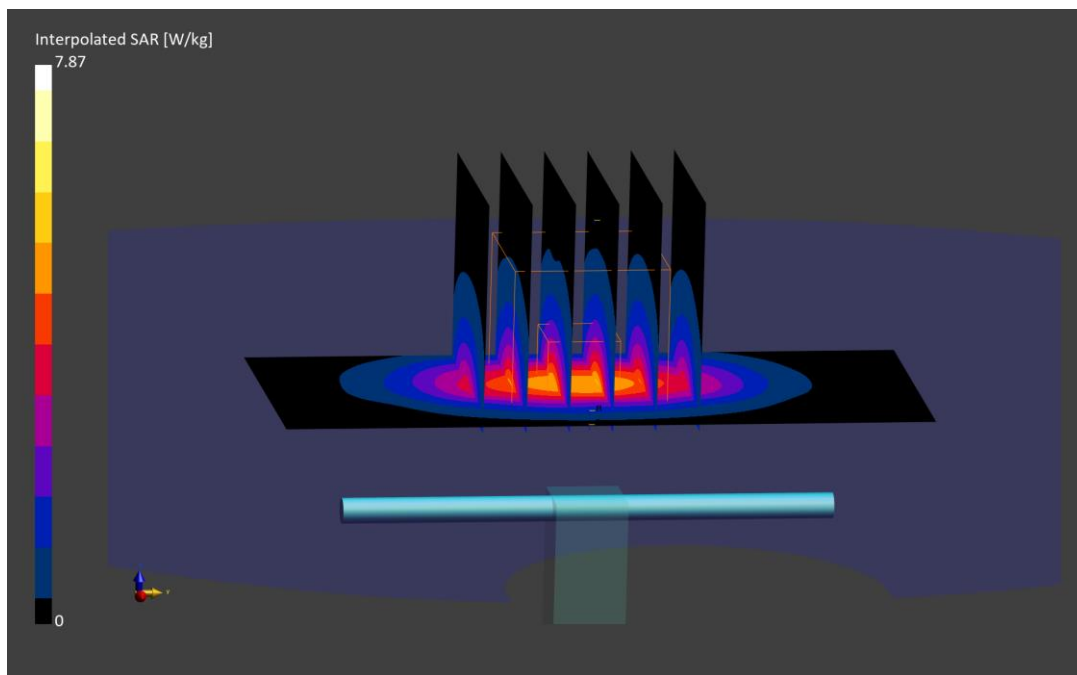
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.87 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 2.18 W/kg

Deviation (1 g) = 7.07%; Deviation (10 g) = 5.31%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1900.000 MHz; cond = 1.44 S/m; perm = 38.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/16/2025; Ambient Temp: 23.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7488; ConvF:(8.16,7.95,7.93); 2025-03-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2025-03-11
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

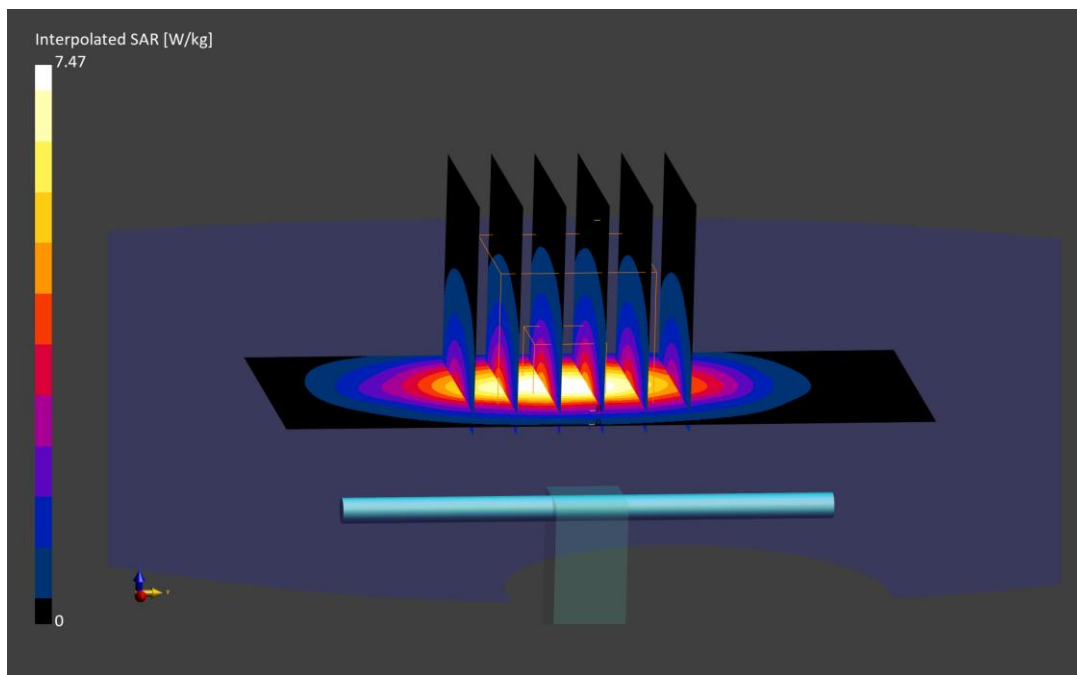
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.47 W/kg

SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.11 W/kg

Deviation (1 g) = 3.28%; Deviation (10 g) = 1.93%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1900.000 MHz; cond = 1.46 S/m; perm = 40.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/23/2025; Ambient Temp: 23.7°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(7.71,7.29,8.12); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

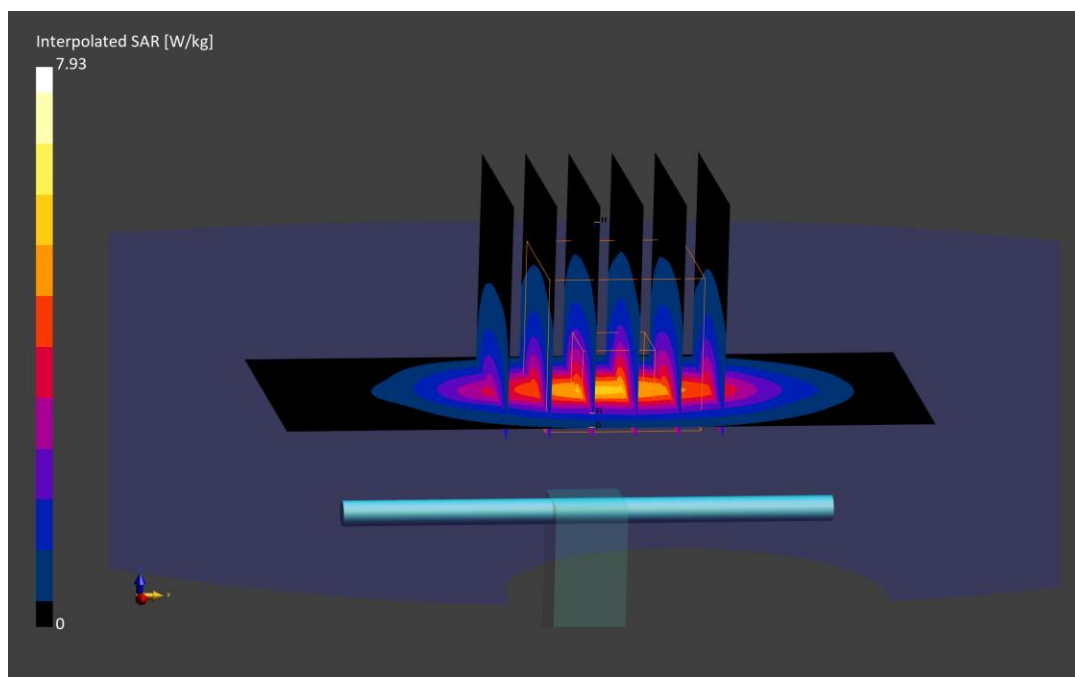
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.93 W/kg

SAR(1 g) = 4.32 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = 9.09%; Deviation (10 g) = 7.73%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1900.000 MHz; cond = 1.44 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/30/2025; Ambient Temp: 21.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.71,7.29,8.12); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

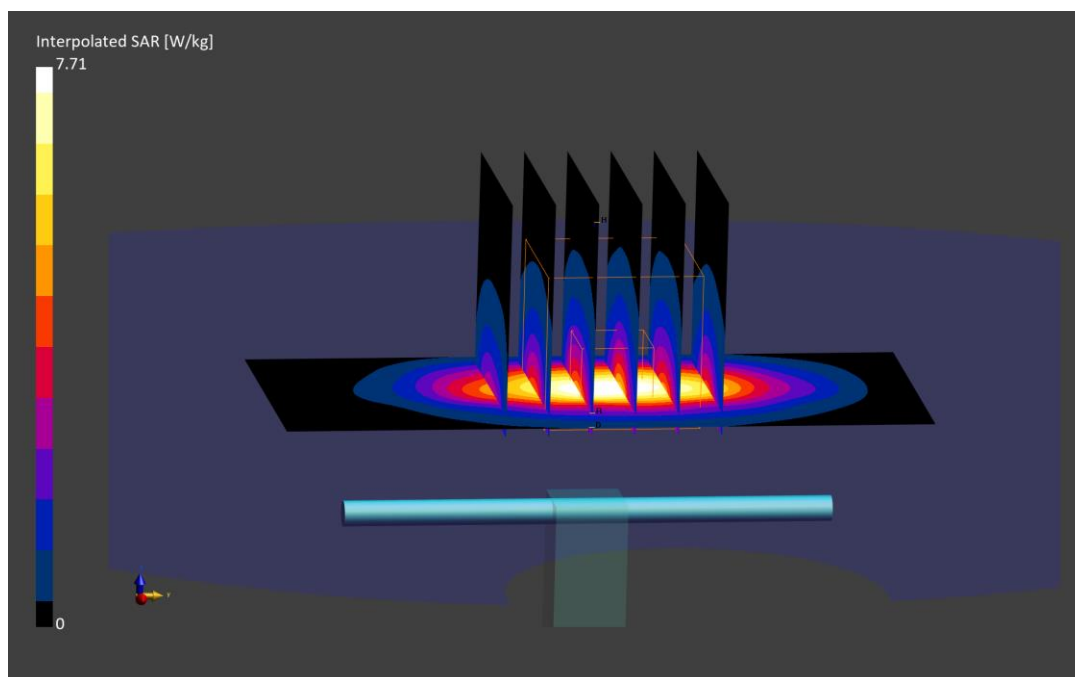
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.71 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 2.19 W/kg

Deviation (1 g) = 7.07%; Deviation (10 g) = 4.78%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1900.000 MHz; cond = 1.42 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/03/2025; Ambient Temp: 21.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.56,7.97,7.75); 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

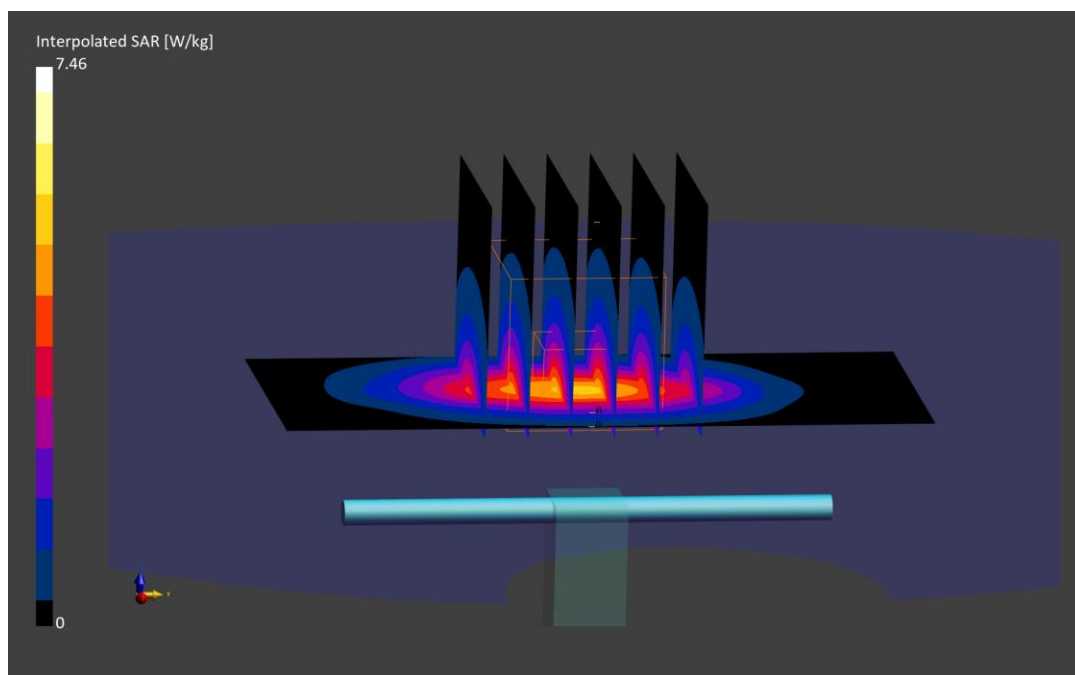
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.46 W/kg

SAR(1 g) = 4.10 W/kg; SAR(10 g) = 2.14 W/kg

Deviation (1 g) = 3.54%; Deviation (10 g) = 2.39%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.83$ S/m; $\text{perm} = 37.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/17/2025; Ambient Temp: 19.5°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7660; ConvF:(7.7,7.5,8.17); 2024-05-08

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

Electronics: DAE4 Sn1678; 2024-05-08

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)

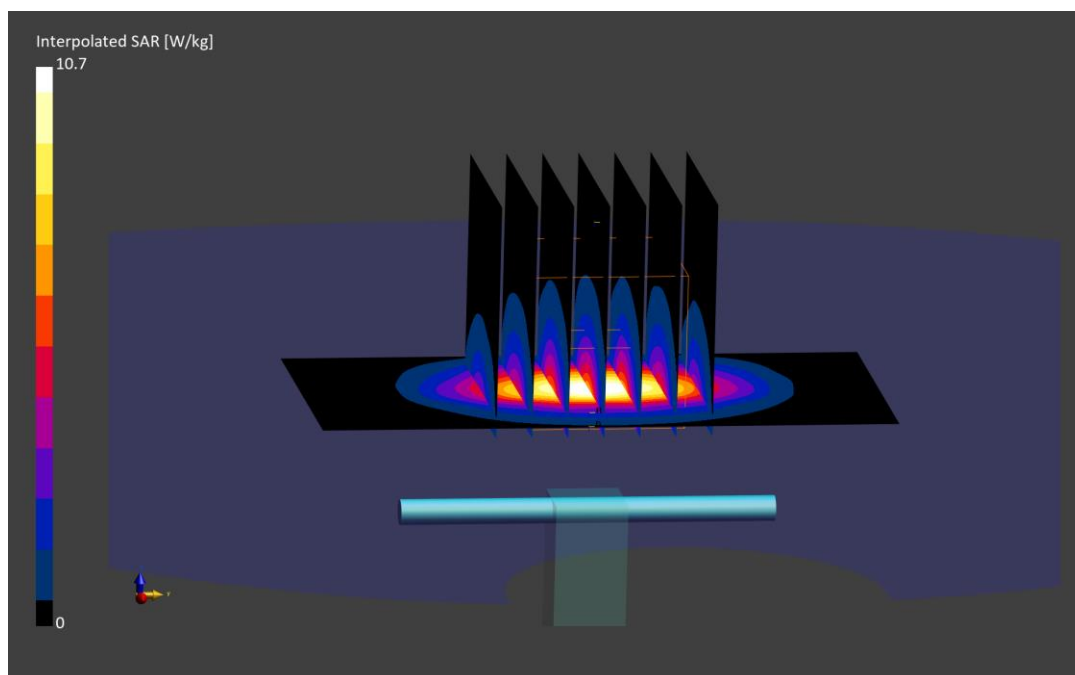
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.7 W/kg

SAR(1 g) = 5.34 W/kg; SAR(10 g) = 2.49 W/kg

Deviation (1 g) = 2.69%; Deviation (10 g) = 2.05%



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; $\text{cond} = 1.83$ S/m; $\text{perm} = 37.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/23/2025; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7571; ConvF:(6.49,7.88,6.95); 2025-01-08

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

Electronics: DAE4 Sn859; 2025-01-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

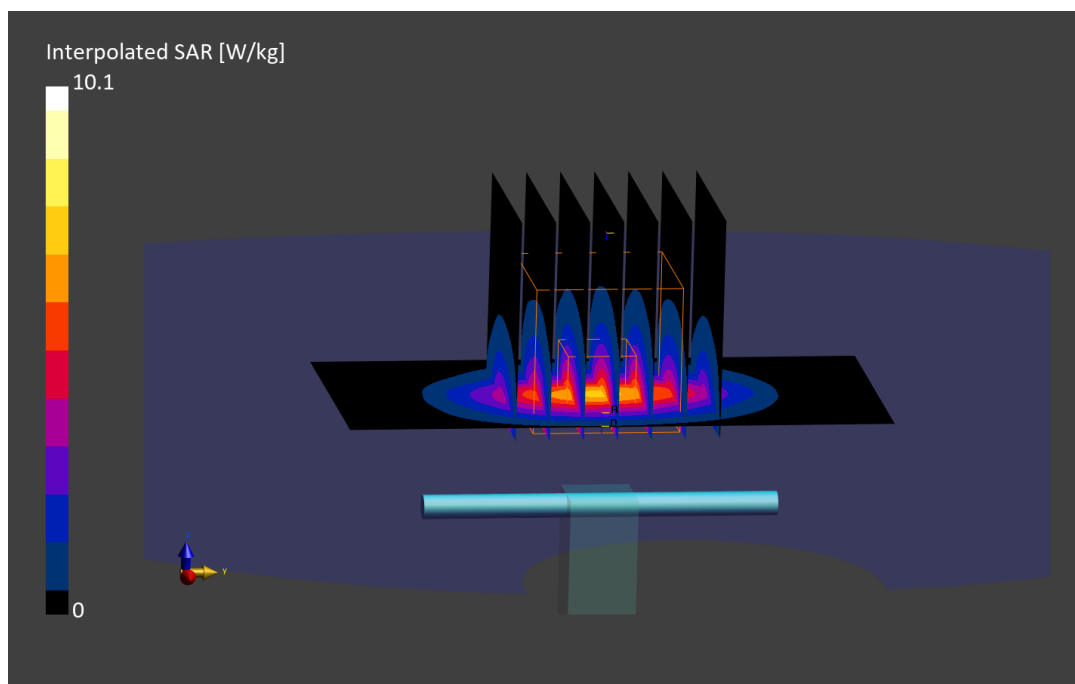
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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(1 g) = 5.15 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -1.34%; Deviation (10 g) = -1.63%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.84$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/28/2025; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7571; ConvF:(6.49,7.88,6.95); 2025-01-08

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

Electronics: DAE4 Sn859; 2025-01-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

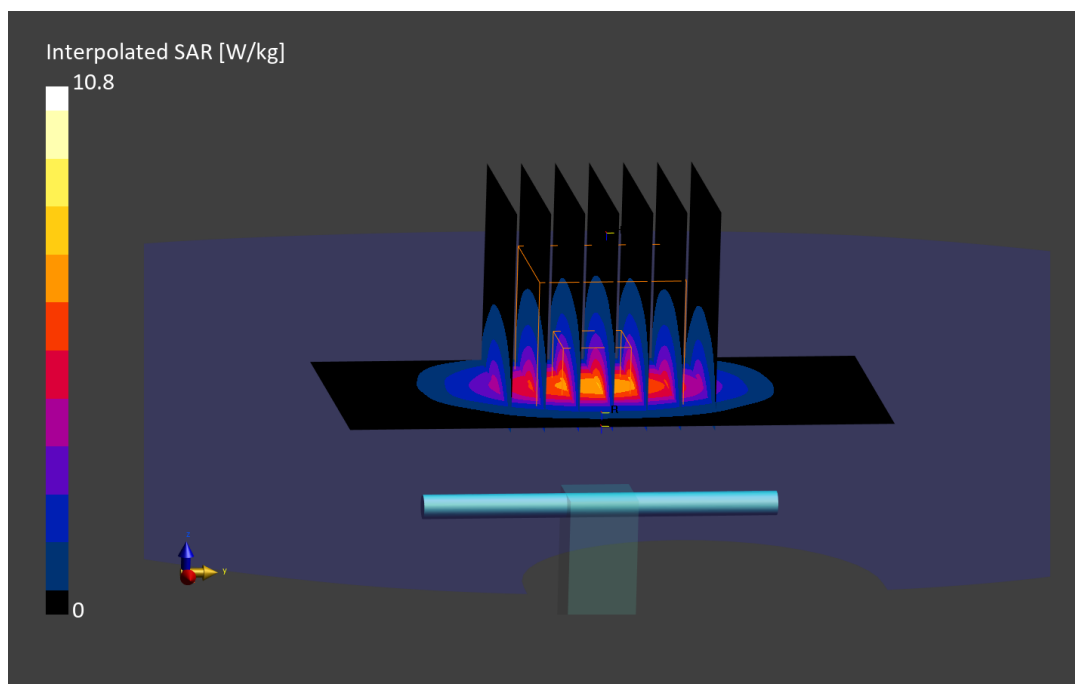
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.61 W/kg; SAR(10 g) = 2.64 W/kg

Deviation (1 g) = 7.88%; Deviation (10 g) = 8.20%



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; $\text{cond} = 1.82$ S/m; $\text{perm} = 37.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/30/2025; Ambient Temp: 19.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7571; ConvF:(6.49,7.88,6.95); 2025-01-08

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

Electronics: DAE4 Sn859; 2025-01-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

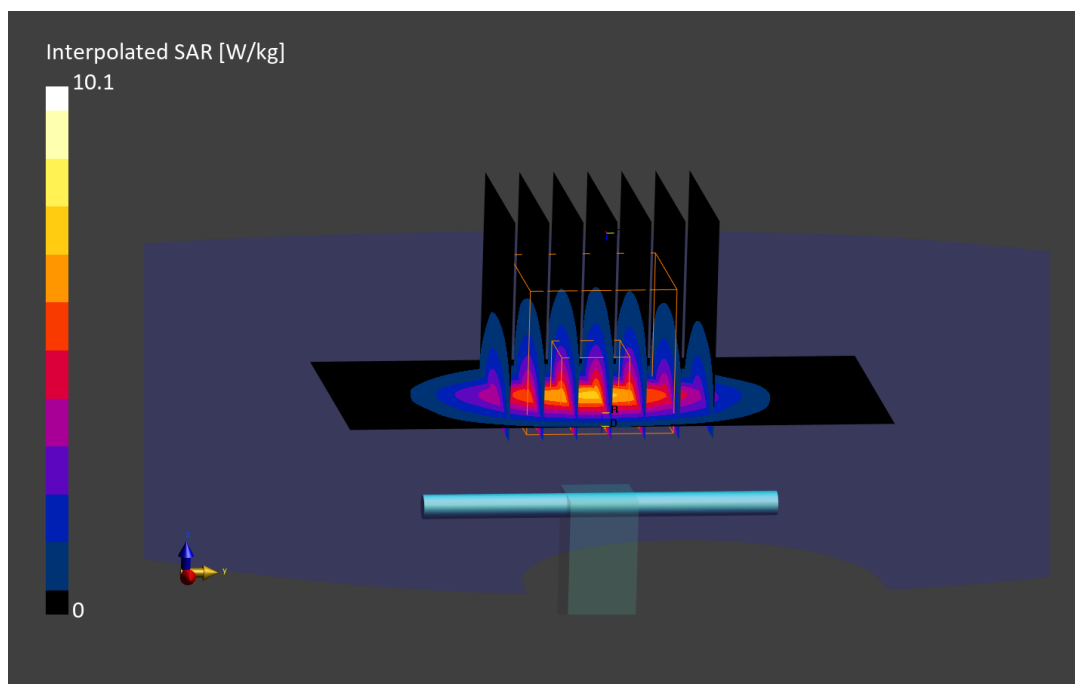
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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(1 g) = 5.20 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = -0.38%; Deviation (10 g) = -0.81%



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; $\text{cond} = 1.83$ S/m; $\text{perm} = 38.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2025; Ambient Temp: 20.8°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7571; ConvF:(6.49,7.88,6.95); 2025-01-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; 2025-01-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

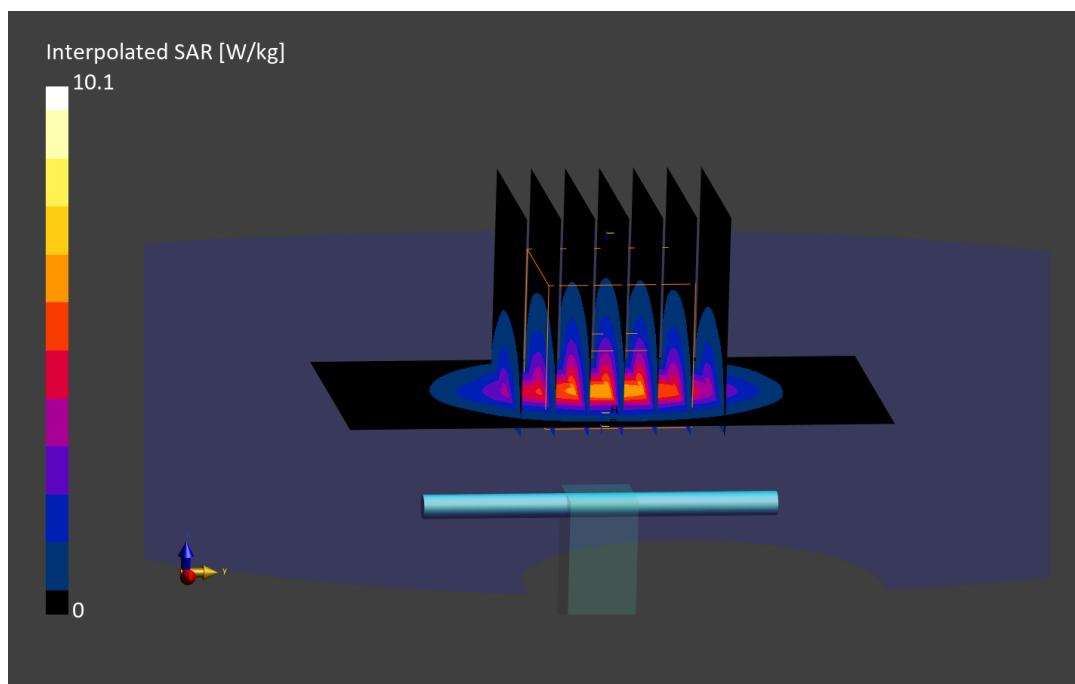
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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(1 g) = 5.15 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -1.34%; Deviation (10 g) = -1.63%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN981

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2025; Ambient Temp: 20.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); 2025-04-08

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

Electronics: DAE4 Sn1407; 2025-04-07

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

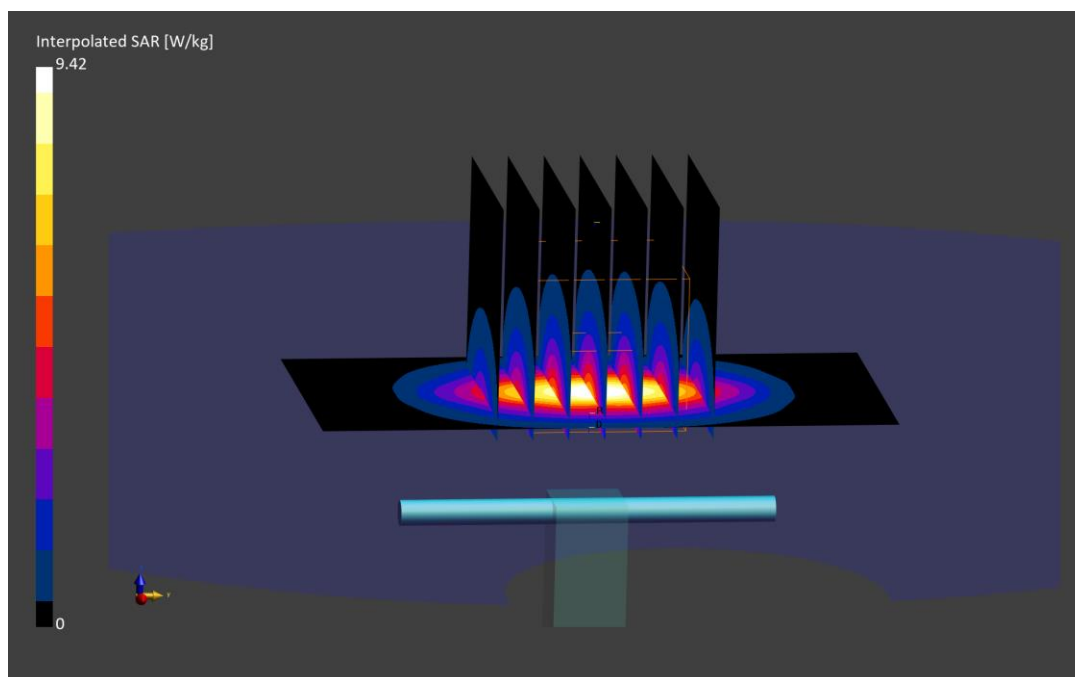
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 9.42 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.34 W/kg

Deviation (1 g) = -5.60%; Deviation (10 g) = -3.70%



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; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/10/2025; Ambient Temp: 21.6°C; Tissue Temp: 21°C

Probe: EX3DV4 - SN7659; ConvF:(7.91,7.59,7.69); 2025-04-07

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

Electronics: DAE4 Sn1272; 2025-04-10

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)

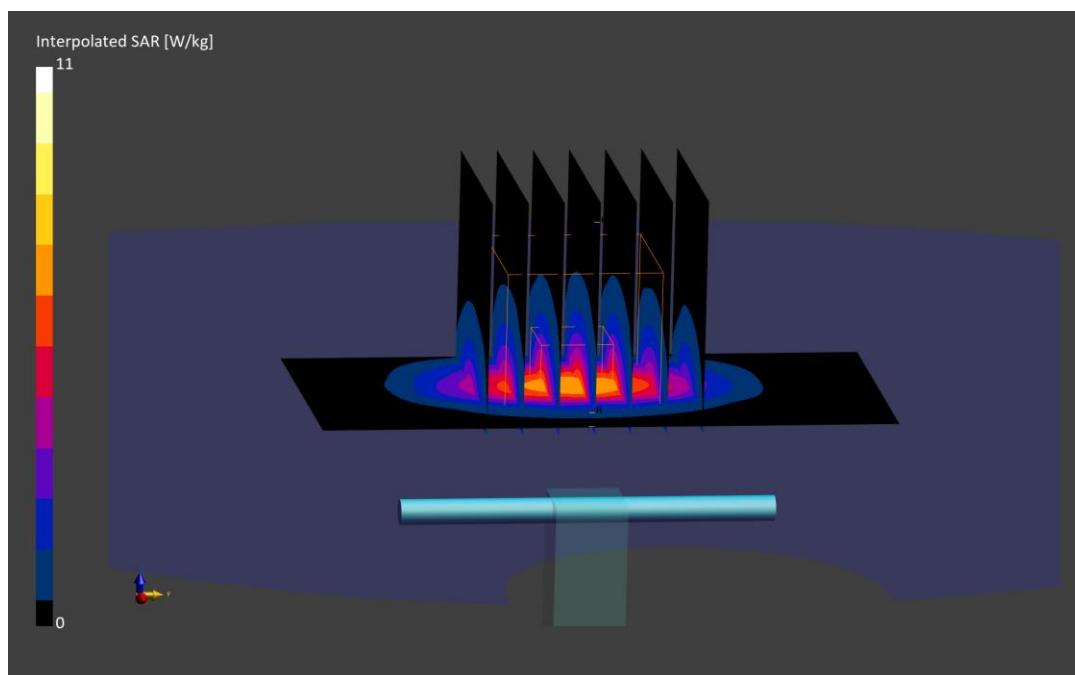
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.53 W/kg; SAR(10 g) = 2.59 W/kg

Deviation (1 g) = 5.94%; Deviation (10 g) = 5.28%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

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; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/19/2025; Ambient Temp: 20.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); 2025-04-08

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

Electronics: DAE4 Sn1407; 2025-04-07

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

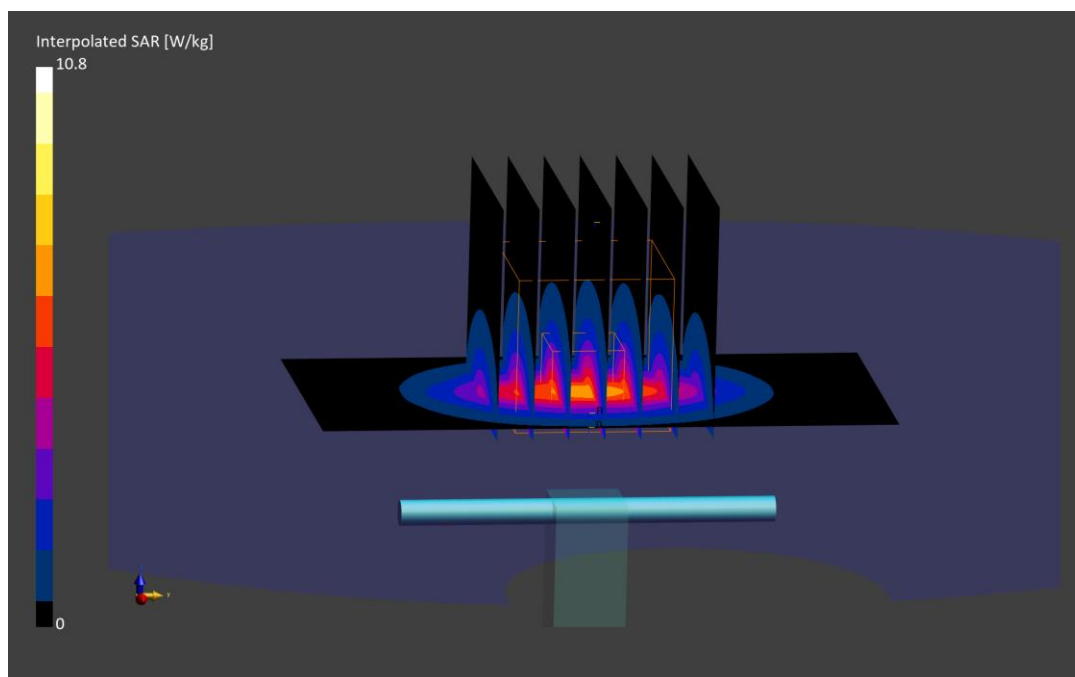
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.30 W/kg; SAR(10 g) = 2.49 W/kg

Deviation (1 g) = 1.92%; Deviation (10 g) = 2.05%



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; $\text{cond} = 1.82$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/21/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); 2025-04-08

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

Electronics: DAE4 Sn1407; 2025-04-07

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

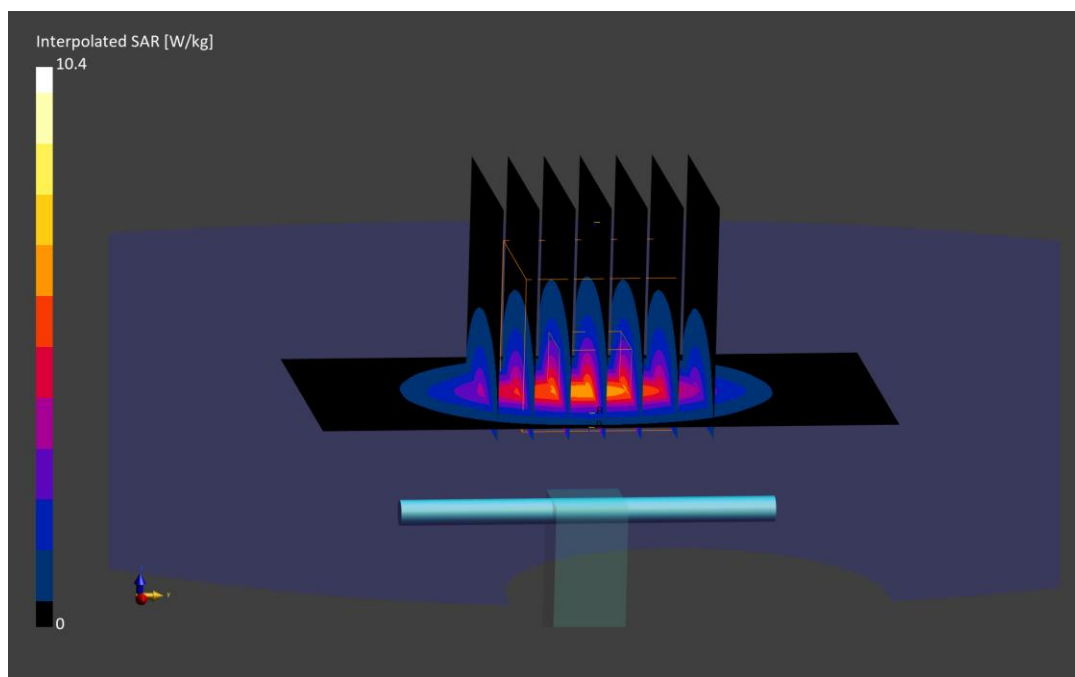
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.4 W/kg

SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.48 W/kg

Deviation (1 g) = 0.96%; Deviation (10 g) = 0.81%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2450.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 5/27/2025; Ambient Temp: 20.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); 2025-04-08

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

Electronics: DAE4 Sn1407; 2025-04-07

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

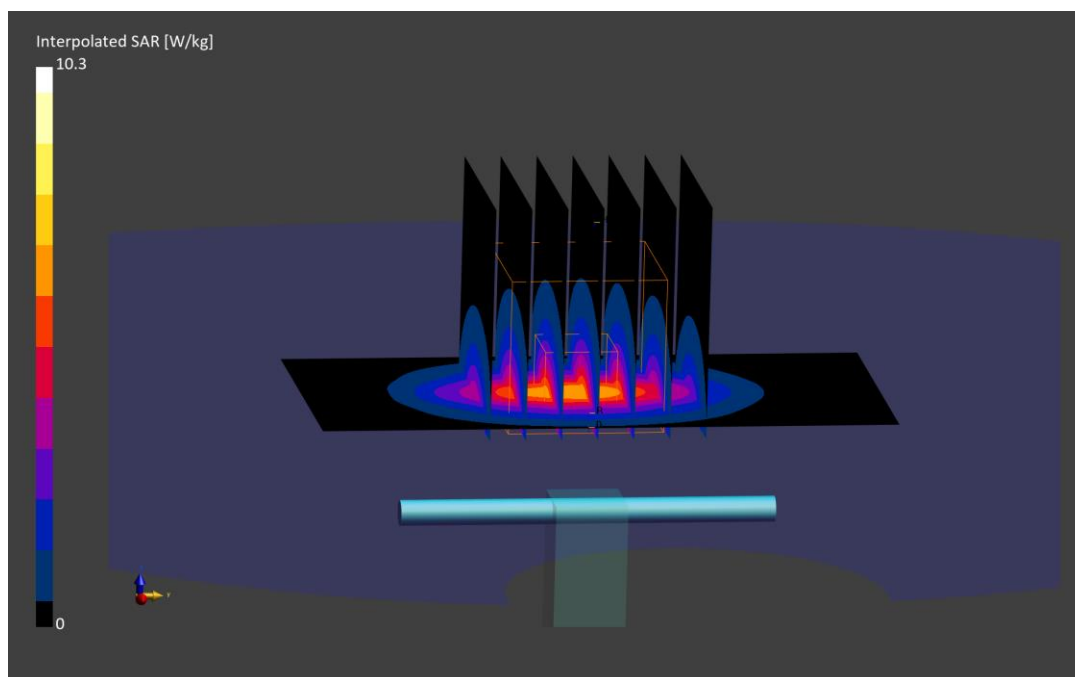
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 5.15 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -0.96%; Deviation (10 g) = -1.23%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/29/2025; Ambient Temp: 20.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); 2025-04-08

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

Electronics: DAE4 Sn1407; 2025-04-07

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

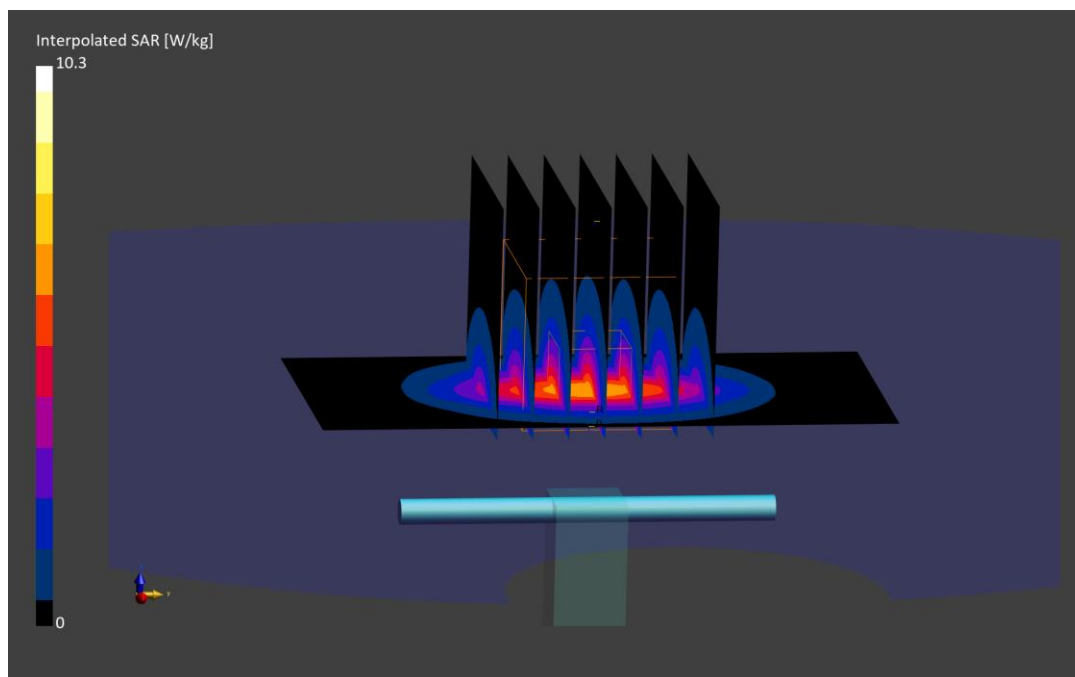
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.3 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -0.58%; Deviation (10 g) = -1.23%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

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

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.82$ S/m; $\text{perm} = 40.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/02/2025; Ambient Temp: 20.5°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); 2025-04-08

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

Electronics: DAE4 Sn1407; 2025-04-07

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

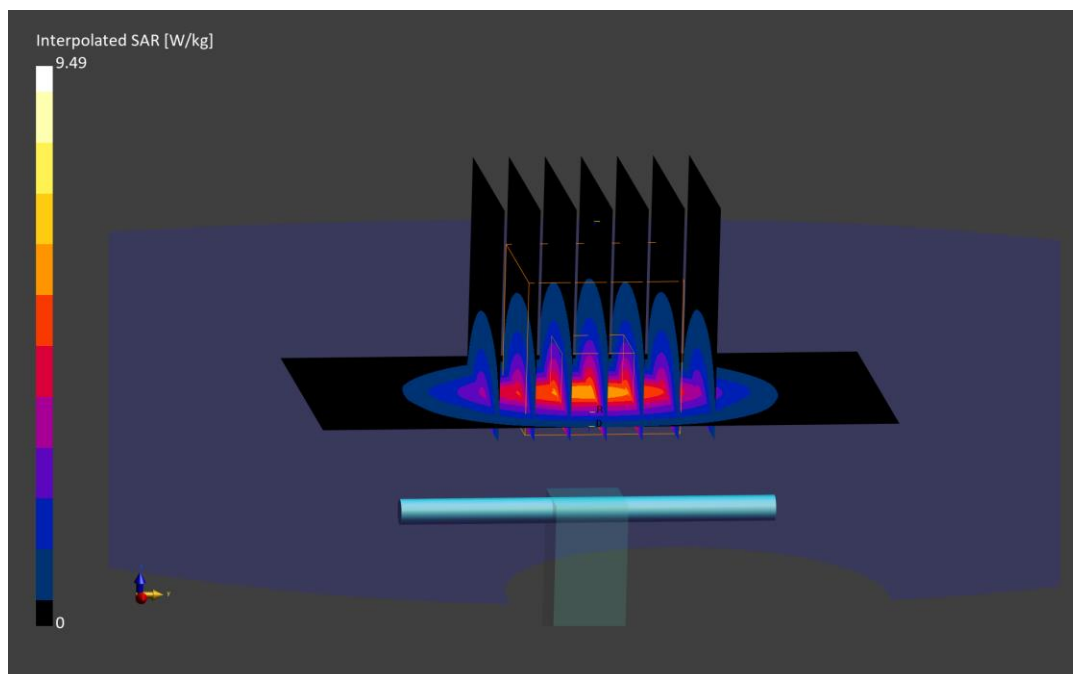
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 9.49 W/kg

SAR(1 g) = 4.73 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = -9.04%; Deviation (10 g) = -8.61%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2600.000 MHz; cond = 1.99 S/m; perm = 38.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/15/2025; Ambient Temp: 19.5°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7660; ConvF:(7.57,7.34,8.03); 2024-05-08

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

Electronics: DAE4 Sn1678; 2024-05-08

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

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

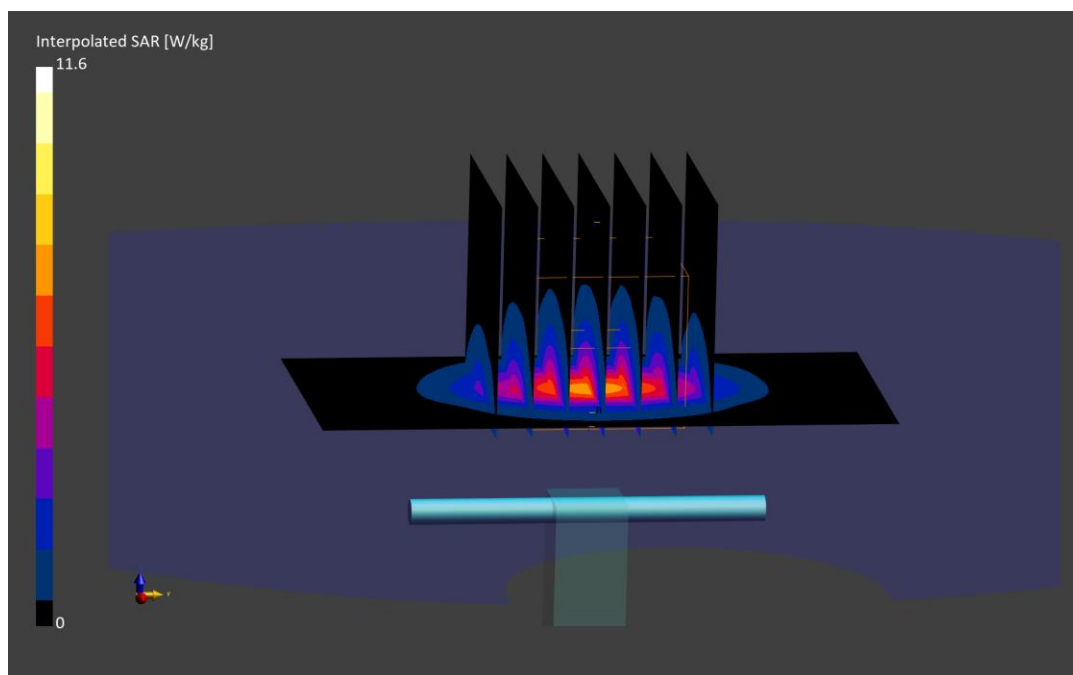
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.6 W/kg

SAR(1 g) = 5.49 W/kg; SAR(10 g) = 2.47 W/kg

Deviation (1 g) = -2.83%; Deviation (10 g) = -2.76%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.94$ S/m; $\text{perm} = 37.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/23/2025; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7571; ConvF:(6.47,7.86,6.93); 2025-01-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; 2025-01-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

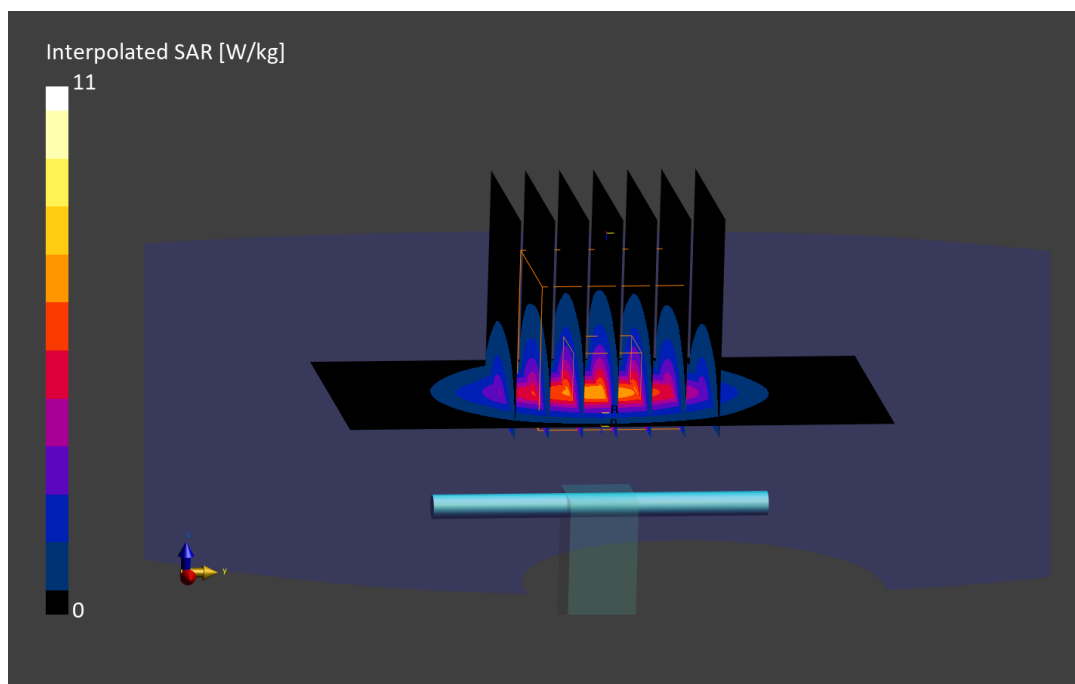
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.43 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = -3.89%; Deviation (10 g) = -3.15%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.97$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/28/2025; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7571; ConvF:(6.47,7.86,6.93); 2025-01-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; 2025-01-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

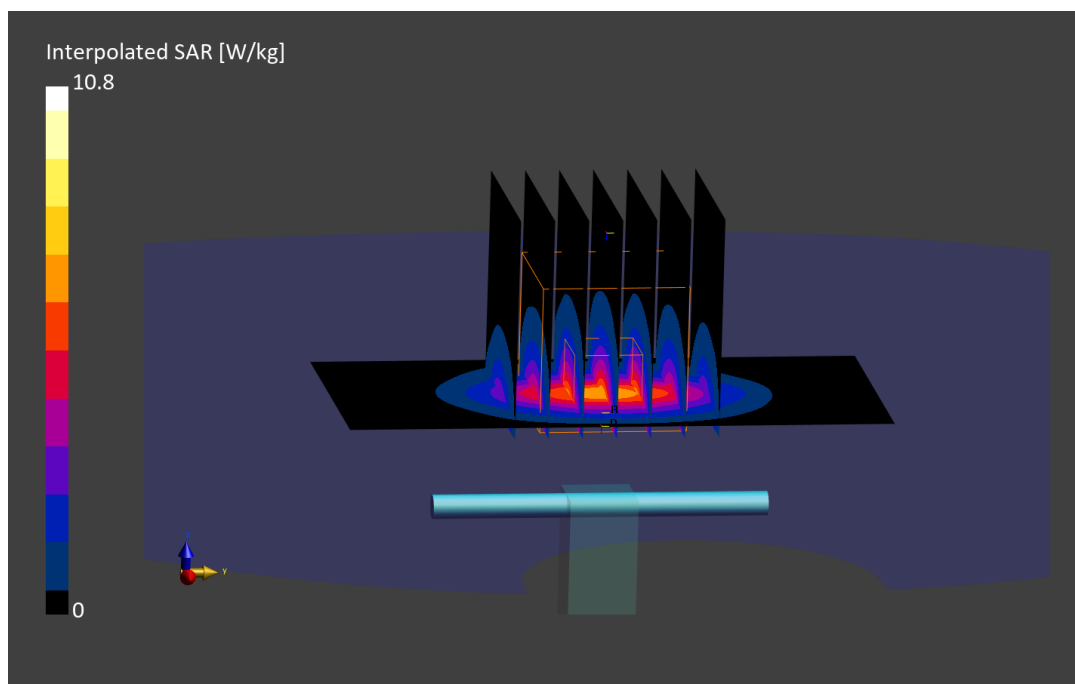
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.36 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = -5.13%; Deviation (10 g) = -3.94%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2600.000$ MHz; $\text{cond} = 1.99$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/29/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7659; ConvF:(7.78,7.47,7.56); 2025-04-07

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

Electronics: DAE4 Sn1272; 2025-04-10

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

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

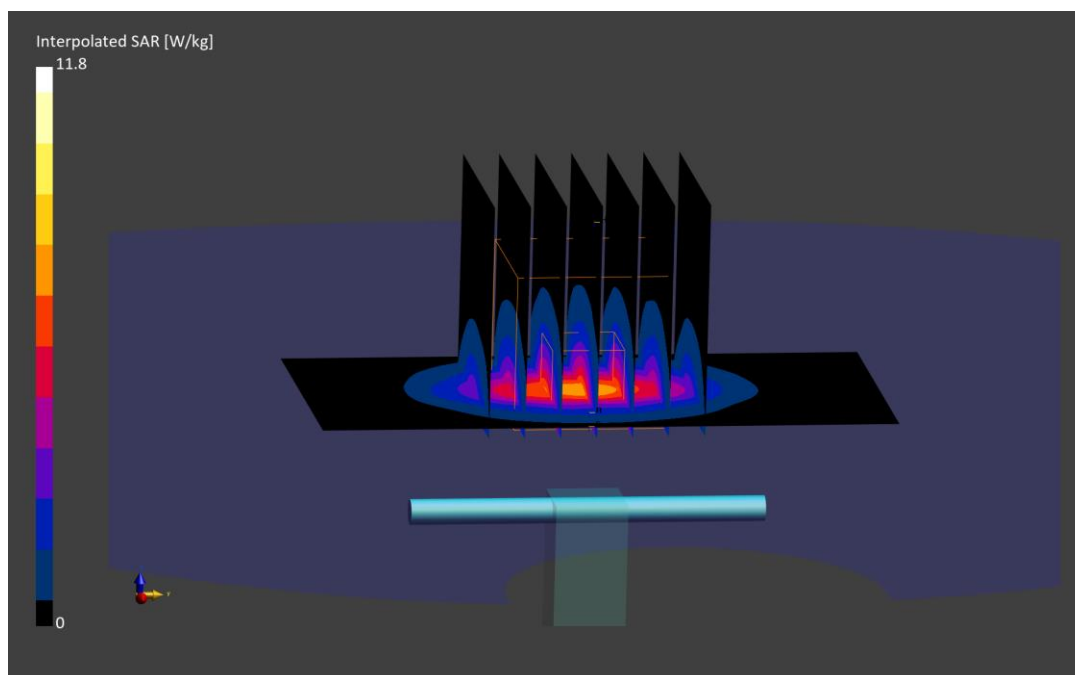
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.8 W/kg

SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.55 W/kg

Deviation (1 g) = 0.18%; Deviation (10 g) = 0.39%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2600.000$ MHz; $\text{cond} = 1.94$ S/m; $\text{perm} = 37.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/30/2025; Ambient Temp: 19.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7571; ConvF:(6.47,7.86,6.93); 2025-01-08

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

Electronics: DAE4 Sn859; 2025-01-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

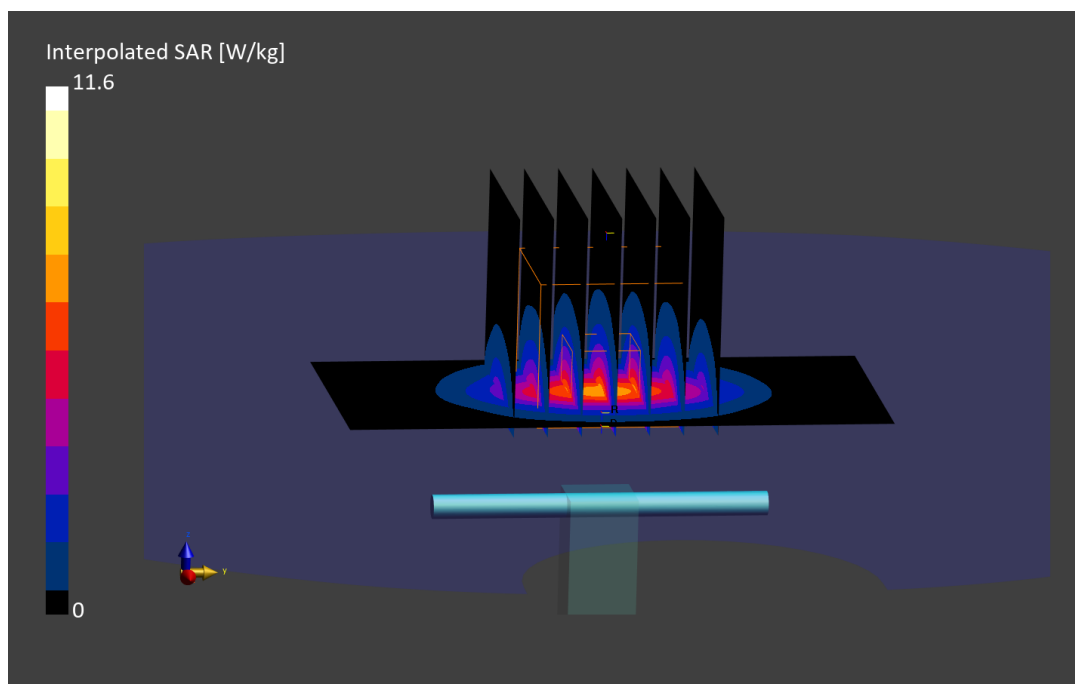
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.6 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 2.54 W/kg

Deviation (1 g) = -0.71%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.95$ S/m; $\text{perm} = 37.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2025; Ambient Temp: 20.8°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7571; ConvF:(6.47,7.86,6.93); 2025-01-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; 2025-01-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

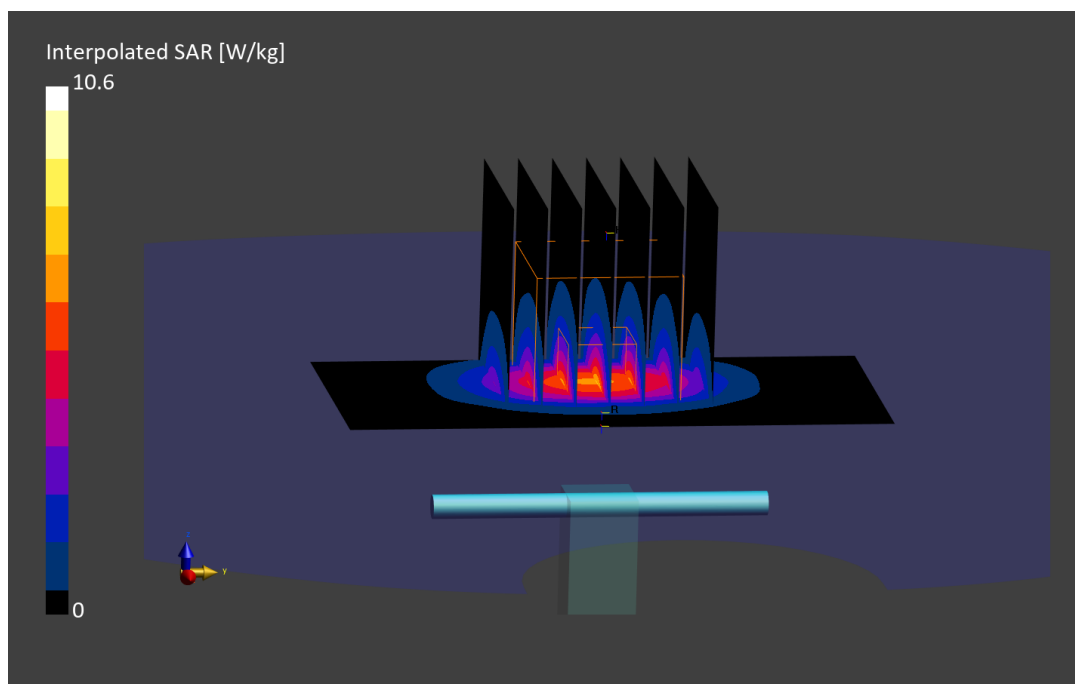
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -5.66%; Deviation (10 g) = -4.72%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.94$ S/m; $\text{perm} = 37.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2025; Ambient Temp: 20.7°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7659; ConvF:(7.78,7.47,7.56); 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

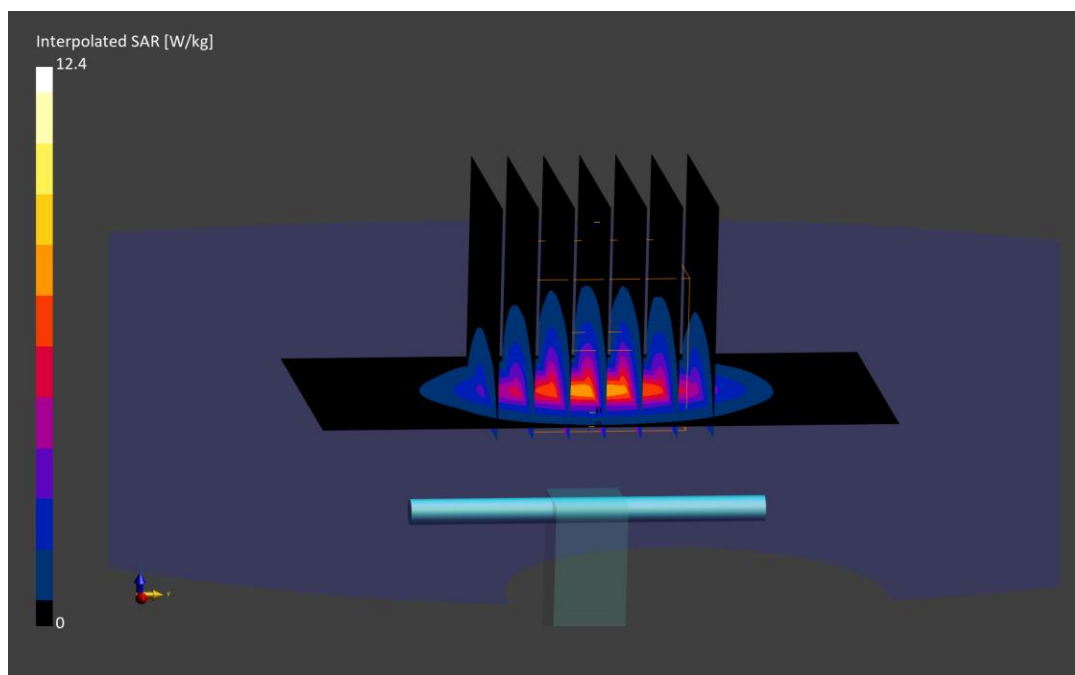
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.4 W/kg

SAR(1 g) = 5.97 W/kg; SAR(10 g) = 2.70 W/kg

Deviation (1 g) = 5.66%; Deviation (10 g) = 6.30%



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 = 4.50 S/m; perm = 37.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2025; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(5.21,5.33,5.42); 2024-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; 2024-07-08
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

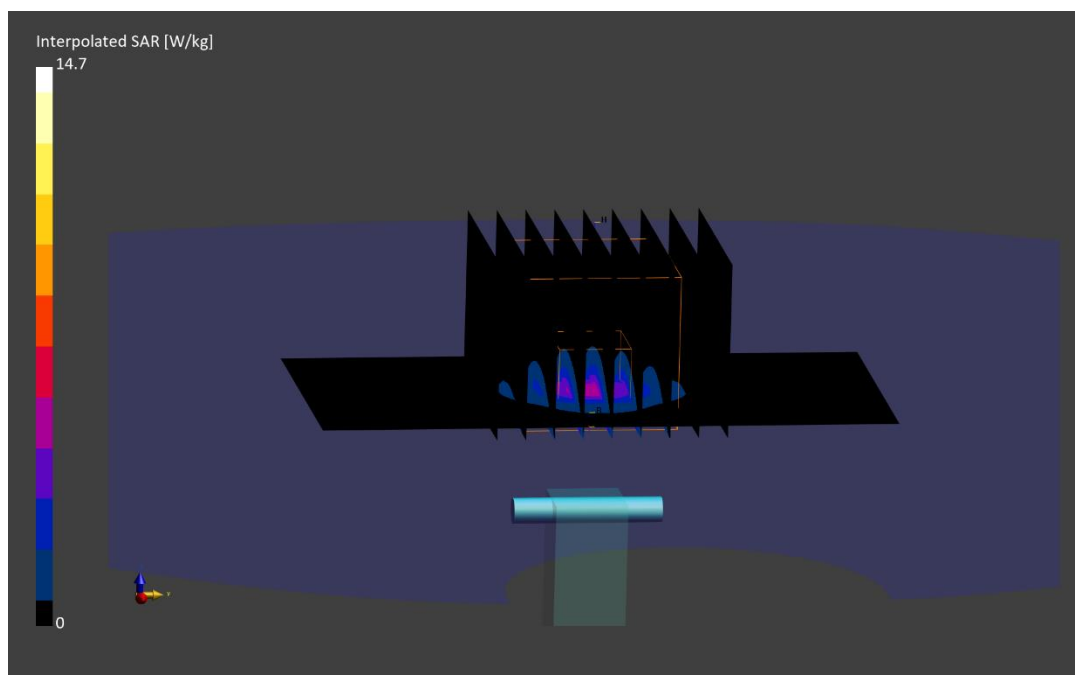
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 14.7 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = -0.13%; Deviation (10 g) = 2.20%



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 = 4.49 S/m; perm = 34.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/27/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7803; ConvF:(5.21,5.33,5.42); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

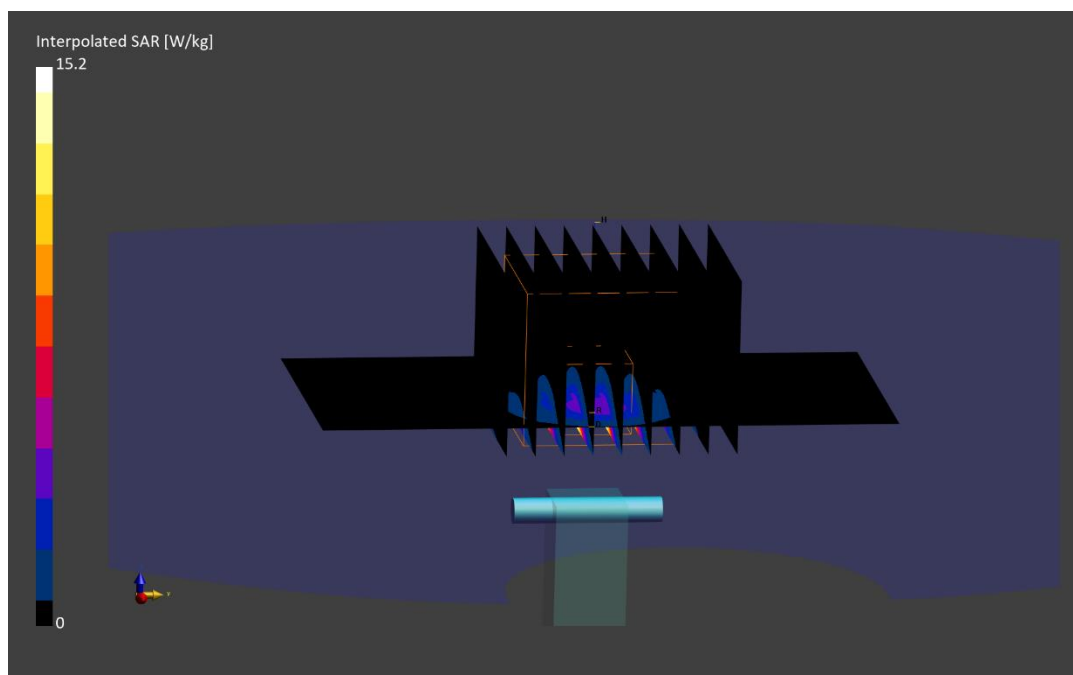
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.2 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -4.69%; Deviation (10 g) = -3.08%



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 = 4.59 S/m; perm = 35.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/02/2025; Ambient Temp: 22.6°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7803; ConvF:(5.21,5.33,5.42); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

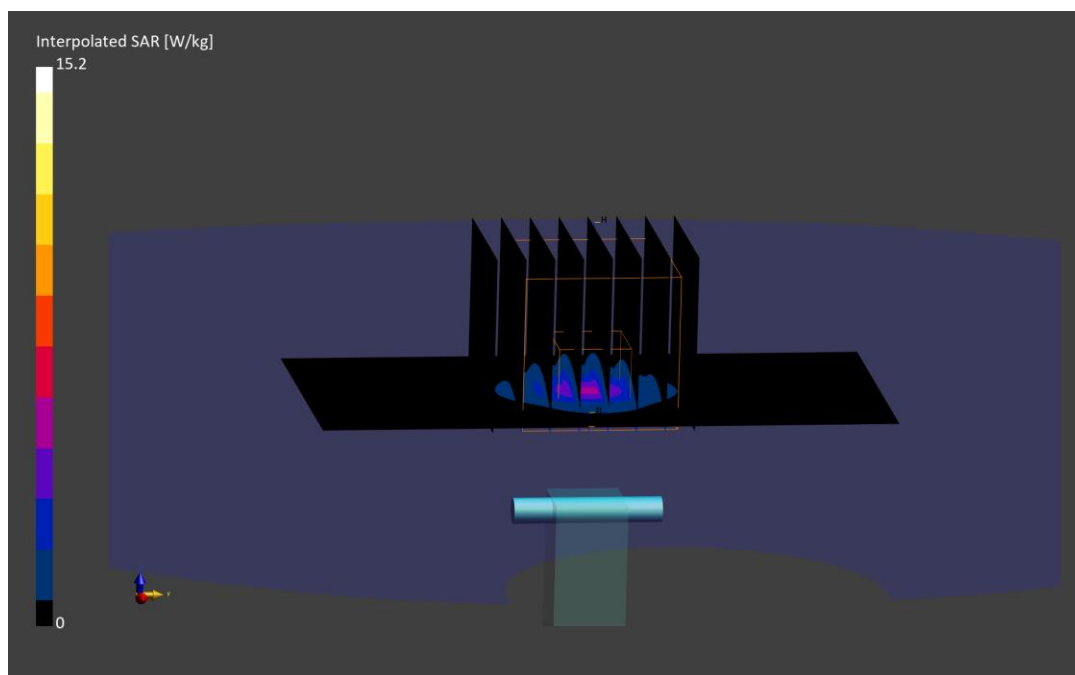
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.2 W/kg

SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.09 W/kg

Deviation (1 g) = -5.45%; Deviation (10 g) = -3.96%



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 = 4.91 S/m; perm = 36.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2025; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(4.82,4.92,5.01); 2024-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; 2024-07-08
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

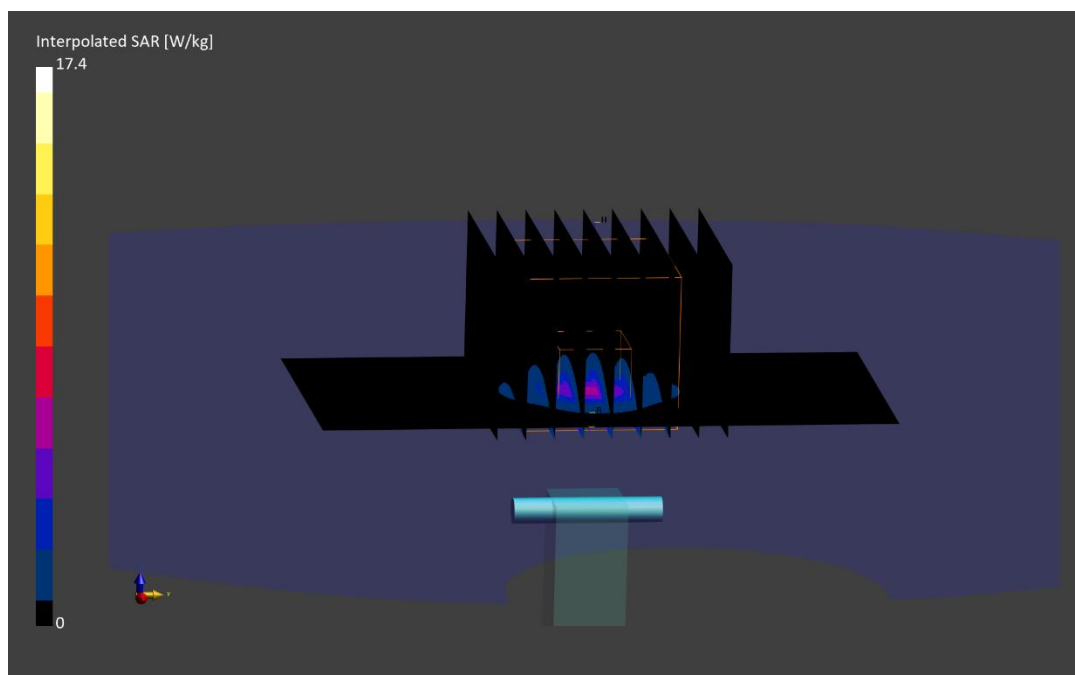
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.4 W/kg

SAR(1 g) = 4.28 W/kg; SAR(10 g) = 1.24 W/kg

Deviation (1 g) = 3.13%; Deviation (10 g) = 3.77%



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; $\text{cond} = 4.87$ S/m; $\text{perm} = 34.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/27/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7803; ConvF:(4.82,4.92,5.01); 2024-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; 2024-07-08
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

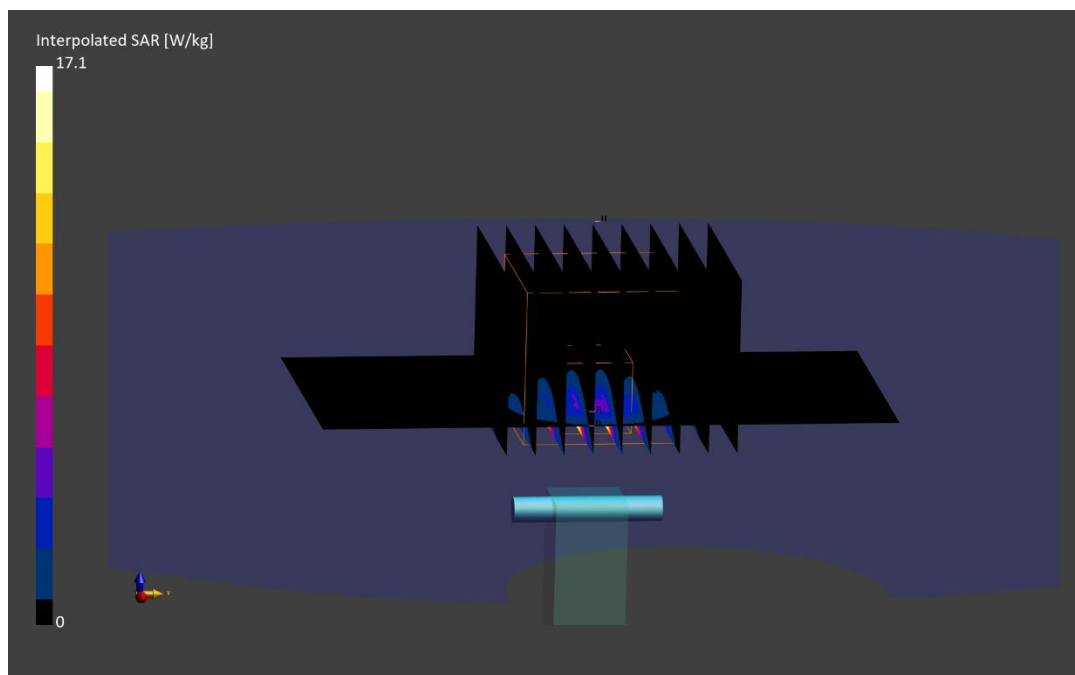
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 3.93 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = -5.30%; Deviation (10 g) = -4.60%



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; $\text{cond} = 5.00$ S/m; $\text{perm} = 34.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/02/2025; Ambient Temp: 22.6°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7803; ConvF:(4.82,4.92,5.01); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

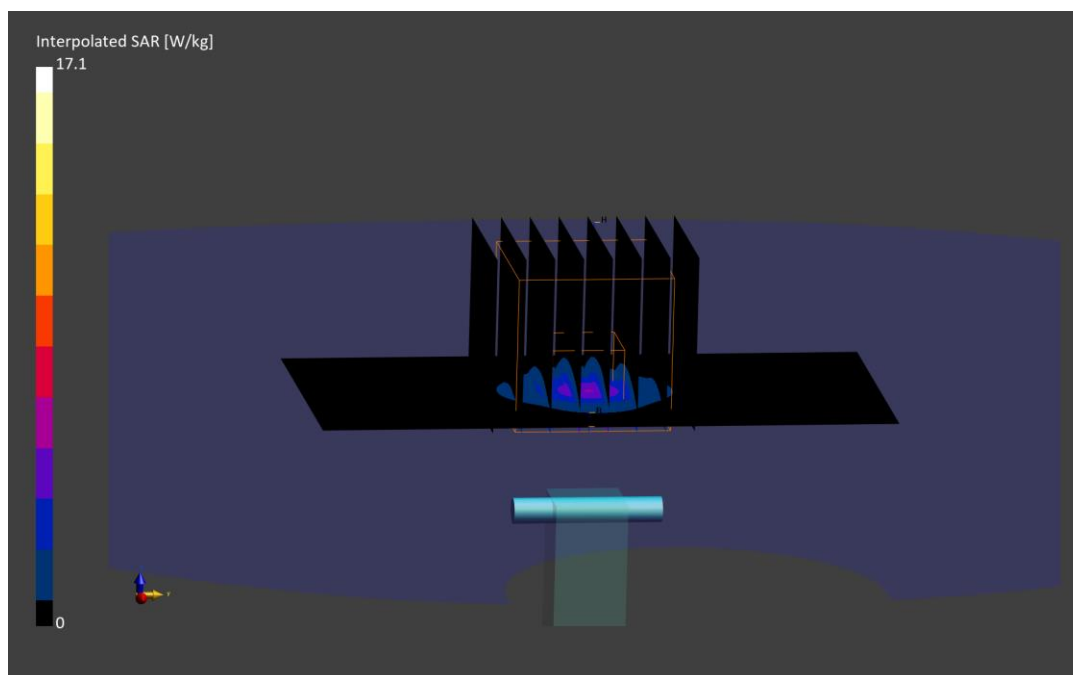
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (24.0 x 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) = 17.1 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = -5.06%; Deviation (10 g) = -4.60%



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; cond = 5.09 S/m; perm = 36.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2025; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(4.79,4.89,4.98); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

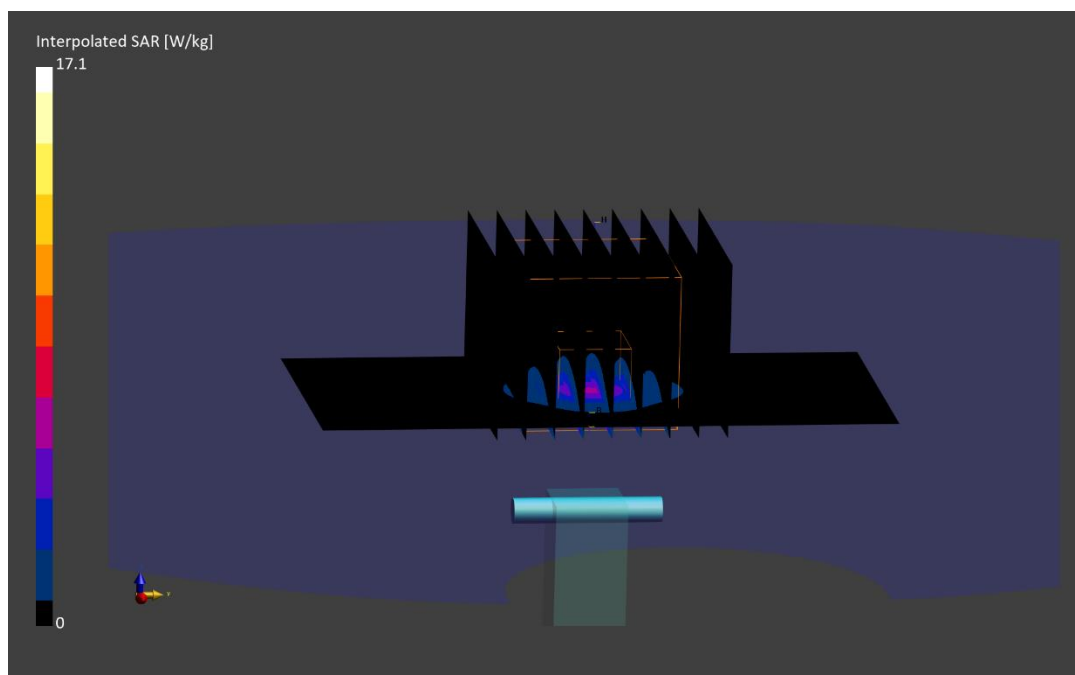
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.1 W/kg

SAR(1 g) = 4.10 W/kg; SAR(10 g) = 1.20 W/kg

Deviation (1 g) = 3.93%; Deviation (10 g) = 7.14%



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 = 4.49 S/m; perm = 34.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/27/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7803; ConvF:(5.21,5.33,5.42); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

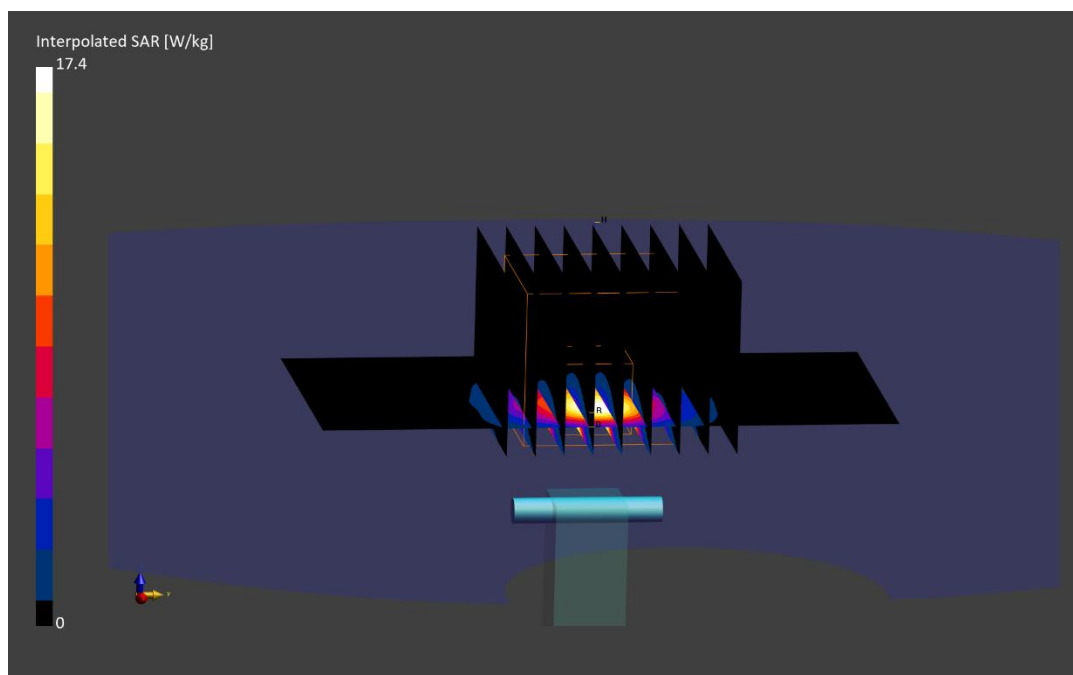
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.2 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -4.69%; Deviation (10 g) = -3.08%



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; cond = 5.15 S/m; perm = 34.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/02/2025; Ambient Temp: 22.6°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7803; ConvF:(4.79,4.89,4.98); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

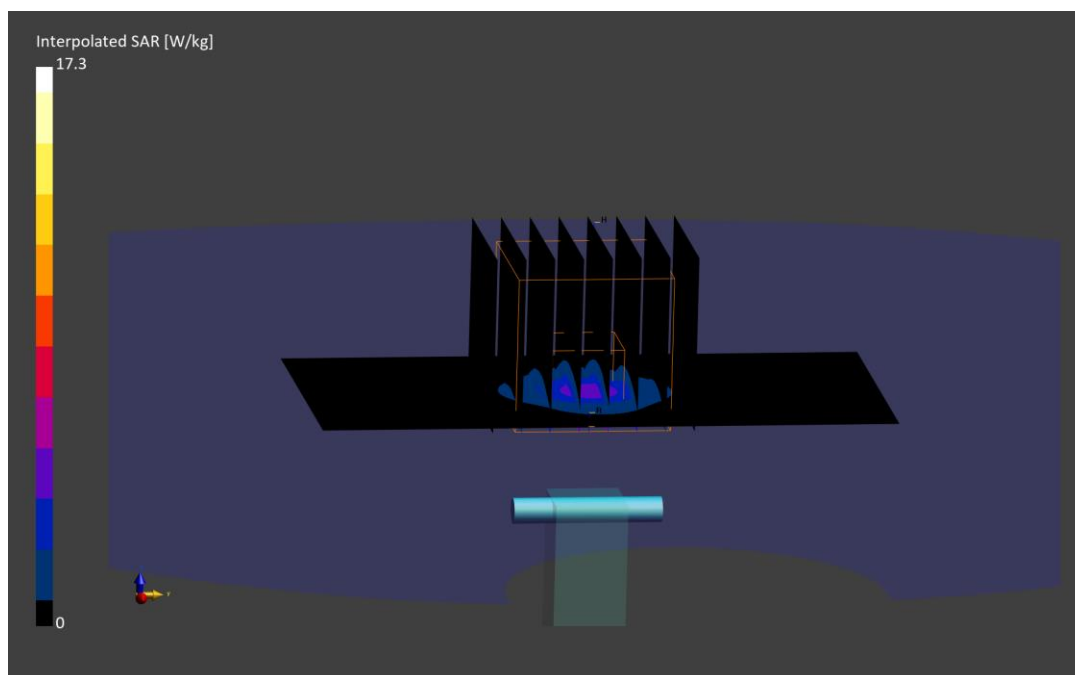
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (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) = 17.3 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -1.90%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 5850.000 MHz; cond = 5.21 S/m; perm = 36.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2025; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(4.78,4.89,4.97); 2024-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; 2024-07-08
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

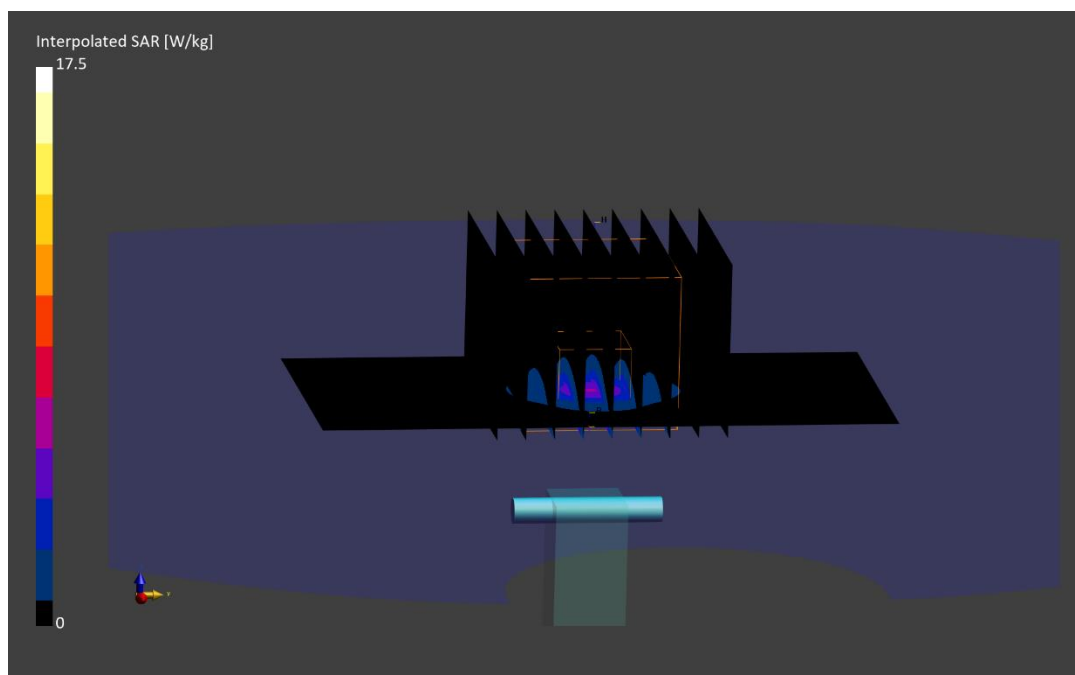
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.5 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 3.55%; Deviation (10 g) = 4.00%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5850.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 5850.000$ MHz; $\text{cond} = 5.15$ S/m; $\text{perm} = 33.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/27/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7803; ConvF:(4.78,4.89,4.97); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

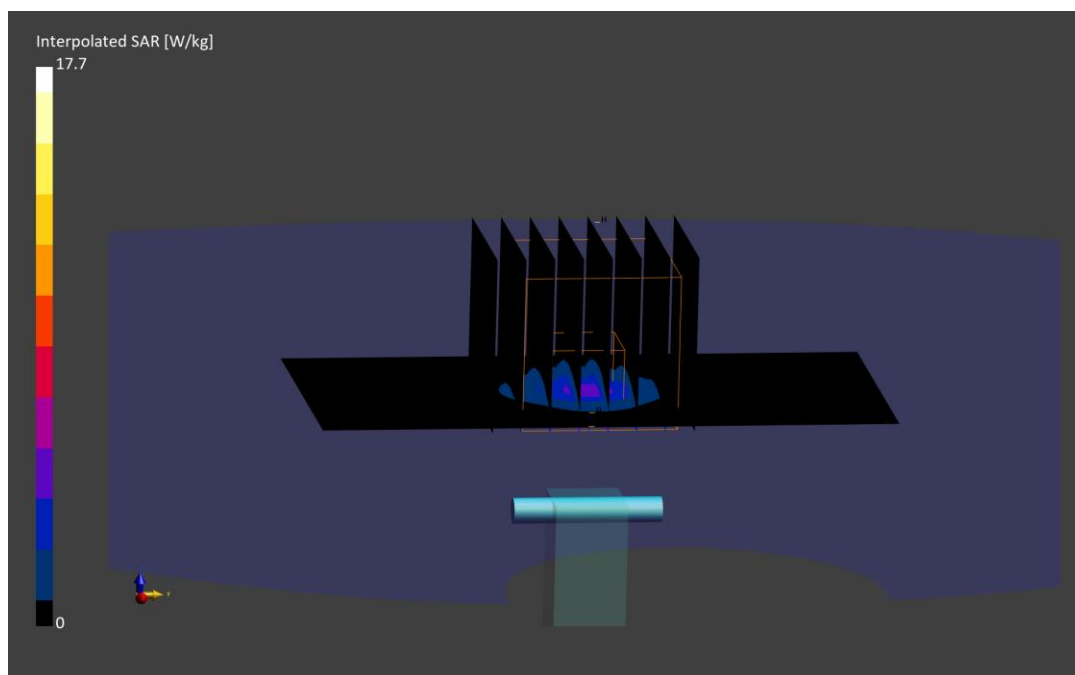
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.7 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -2.03%; Deviation (10 g) = -0.44%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5850.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5850.000 MHz; cond = 5.27 S/m; perm = 34.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/02/2025; Ambient Temp: 22.6°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7803; ConvF:(4.78,4.89,4.97); 2024-06-28

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

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

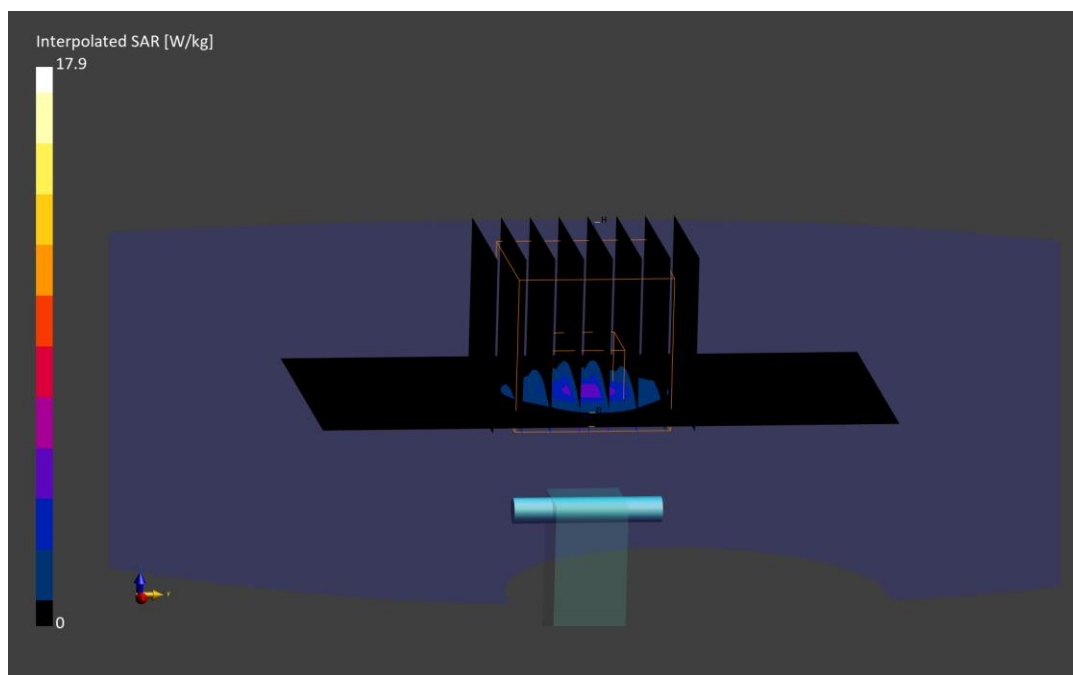
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.9 W/kg

SAR(1 g) = 3.90 W/kg; SAR(10 g) = 1.11 W/kg

Deviation (1 g) = -1.02%; Deviation (10 g) = -1.33%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1111

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 6500.000 MHz; cond = 6.02 S/m; perm = 34.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 04/15/2025; Ambient Temp: 21.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); 2025-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4ip Sn1638; 2025-02-07
Phantom: Twin-SAM V8.0; Serial: 1979
Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

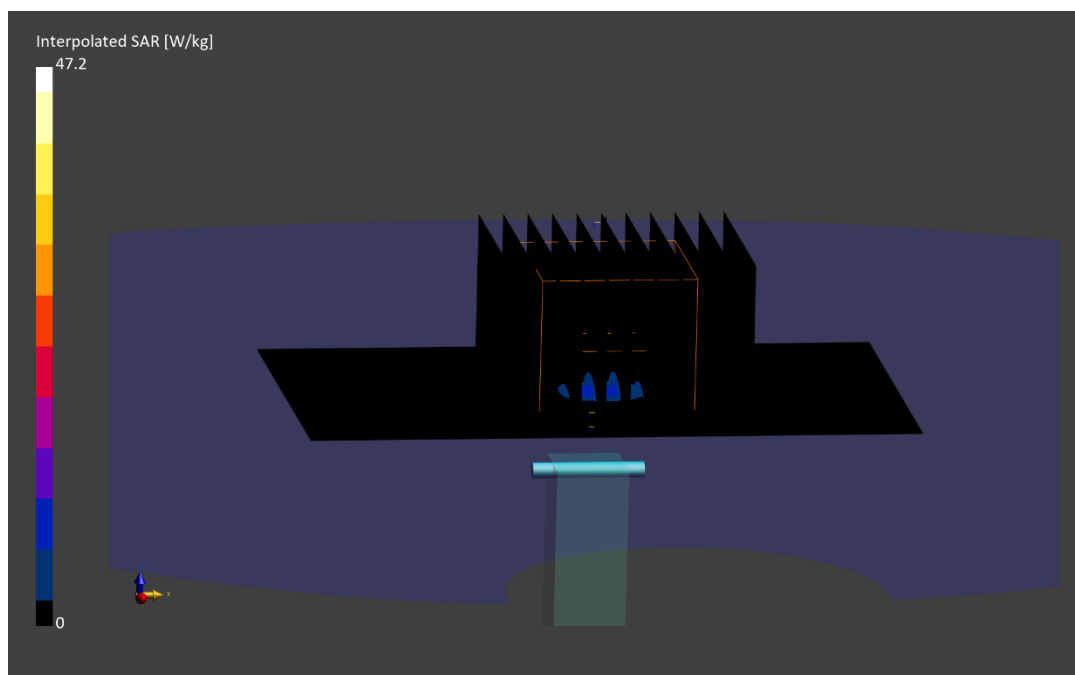
Area Scan (51.0 x 85.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (30.6 x 34.0 x 22.9): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 47.2 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 1.31 W/kg; APD(4.0 cm²) = 31.8 W/m²

Deviation (1 g) = -1.88%; Deviation (10 g) = -5.07%; Deviation (APD) = -5.78%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1018

Communication System: UID: 0, CW; Frequency: 6500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 6500.000$ MHz; $\text{cond} = 6.21$ S/m; $\text{perm} = 34.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5 mm

Test Date: 04/21/2025; Ambient Temp: 21.3°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); 2025-02-10

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

Electronics: DAE4ip Sn1638; 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

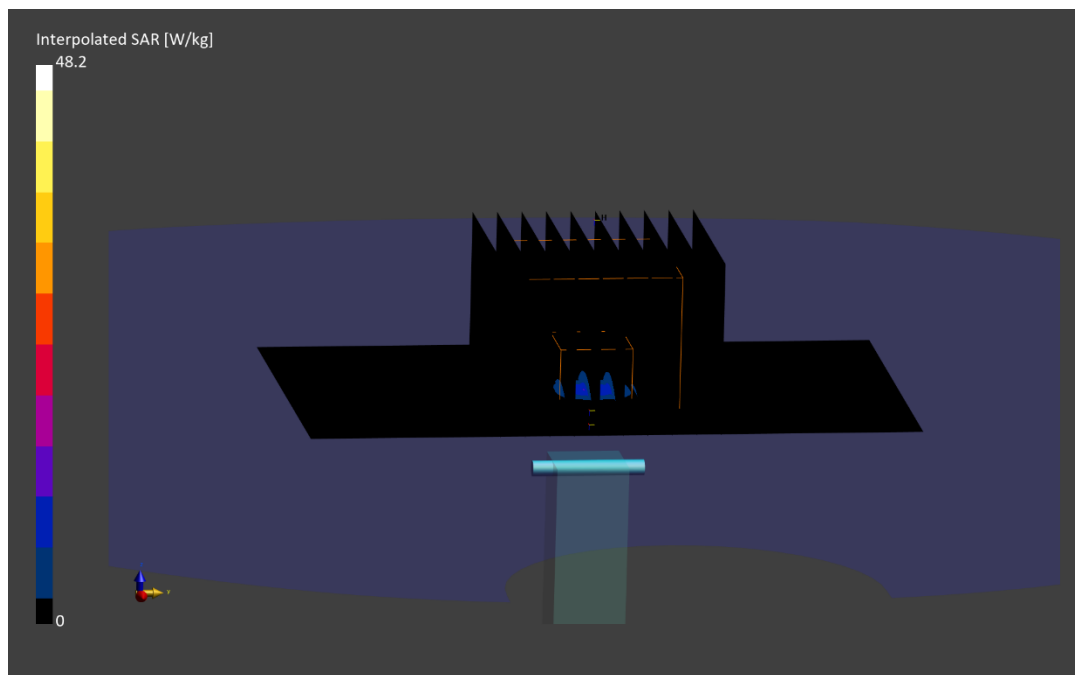
Area Scan (51.0 x 85.0): Measurement grid: $dx=8.5$ mm, $dy=8.5$ mm

Zoom Scan (30.6 x 30.6 x 22.9): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 48.2 W/kg

SAR(1 g) = 7.35 W/kg; SAR(10 g) = 1.32 W/kg; APD(4.0 cm²) = 32.1 W/m²

Deviation (1 g) = 0.68%; Deviation (10 g) = -2.04%; Deviation (APD) = -1.98%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1018

Communication System: UID: 0, CW; Frequency: 6500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 6500.000 MHz; cond = 6.00 S/m; perm = 34.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 5 mm

Test Date: 05/05/2025; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); 2025-02-10

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

Electronics: DAE4ip Sn1638; 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

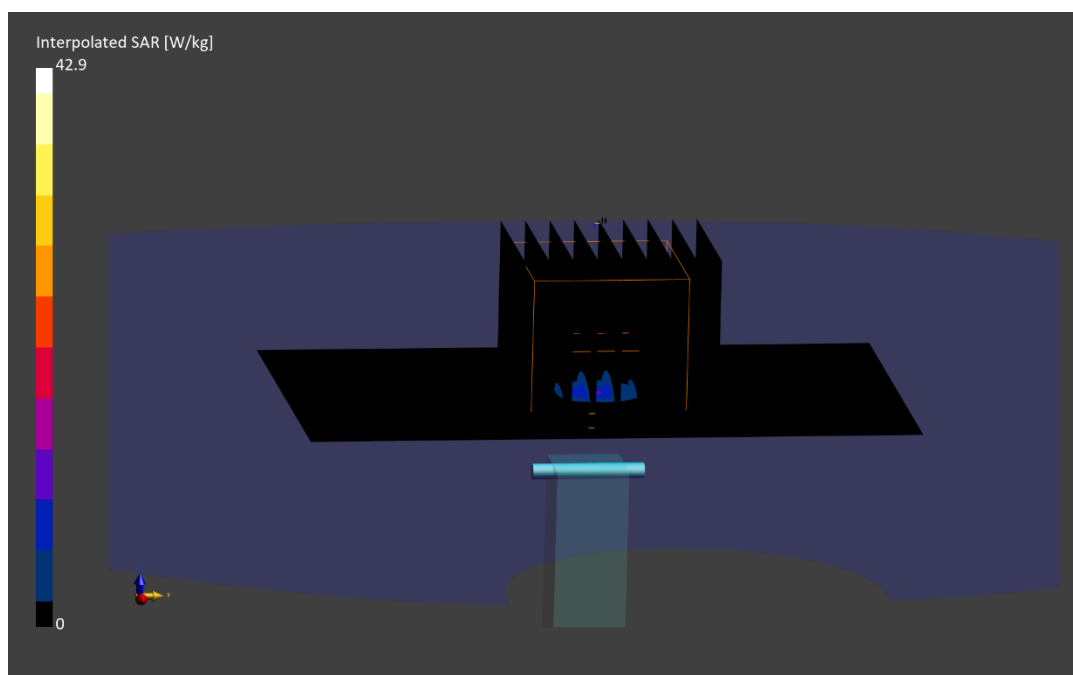
Area Scan (51.0 x 85.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (23.8 x 27.2 x 22.9): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 42.9 W/kg

SAR(1 g) = 6.79 W/kg; SAR(10 g) = 1.25 W/kg; APD(4.0 cm²) = 30.2 W/m²

Deviation (1 g) = -6.99%; Deviation (10 g) = -7.24% Deviation (APD) -7.79%



ELEMENT

DUT: Dipole 8000.000 MHz; Type: D8GHzV2 - SN1007

Communication System: UID: 0, CW; Frequency: 8000.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 8000.000$ MHz; $\text{cond} = 7.90$ S/m; $\text{perm} = 32.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 04/25/2025; Ambient Temp: 23.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7570; ConvF:(5.71,6.04,5.65); 2025-02-10

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

Electronics: DAE4ip Sn1638; 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

8000.0 MHz System Verification at 14.0 dBm (25 mW)

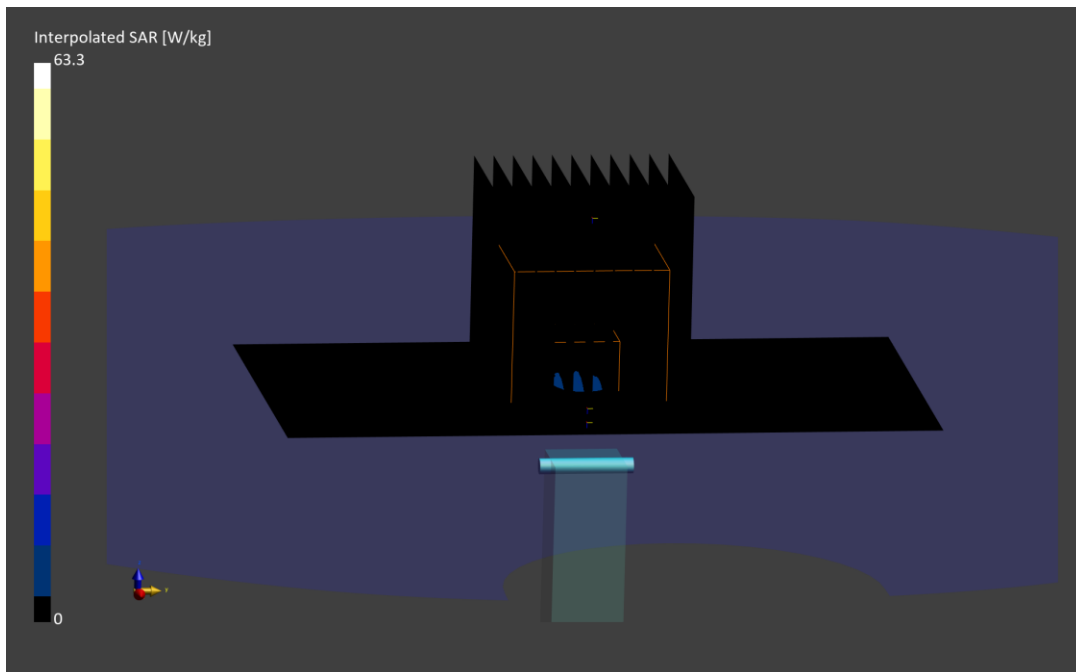
Area Scan (52.0 x 91.0): Measurement grid: $dx=6.5$ mm, $dy=6.5$ mm

Zoom Scan (24.3 x 27.0 x 31.0): Measurement grid: $dx=2.7$ mm, $dy=2.7$ mm, $dz=1.3$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 63.3 W/kg

SAR(1 g) = 7.07 W/kg; SAR(10 g) = 1.19 W/kg; APD(4.0 cm²) = 28.9 W/m²

Deviation (1 g) = 5.13%; Deviation (10 g) = 5.08%; Deviation (APD) 6.06%



Date: 2025-04-24

Measurement Group

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4 – SN1449, 2024-09-10

Software Setup

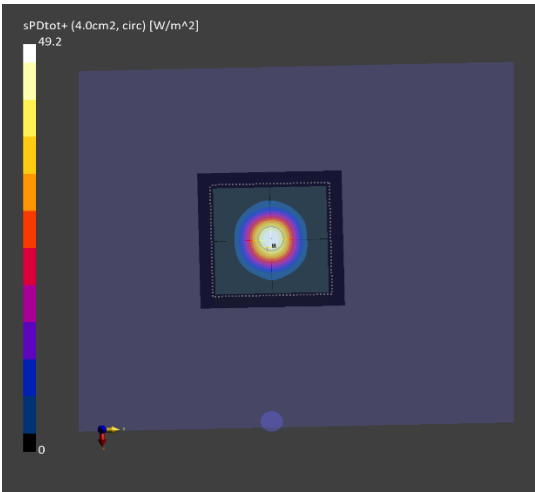
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	49.2
pS _n avg [W/m²]	48.8
E _{peak} [V/m]	142
Deviation [dB] pS _{tot}	-0.40
Deviation [dB] pS _n	-0.42



Date: 04-27-2025

Measurement Group

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1 002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4 – SN1449, 2024-09-10

Software Setup

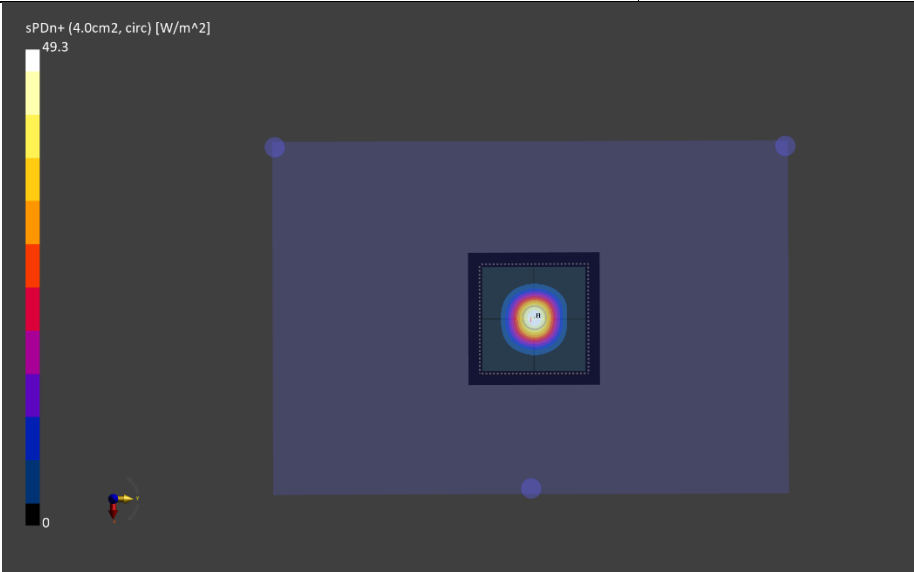
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	49.5
pS _n avg [W/m²]	49.3
E _{peak} [V/m]	143
Deviation [dB] pS _{tot}	-0.38
Deviation [dB] pS _n	-0.38



Date: 2025-06-03

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1 002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	1 0000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4 – SN1449, 2024-09-10

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	47.3
pS _n avg [W/m²]	47.1
E _{peak} [V/m]	146
Deviation [dB] pS _{tot}	-0.58
Deviation [dB] pS _n	-0.58

