

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

ELEMENT

DUT: Dipole 13.0 MHz; Type: CLA-13 - SN1002

Communication System: UID: 0, CW; Frequency: 13.0 MHz
Medium: 30 Head; Medium parameters used:
f = 13.0 MHz; cond = 0.725 S/m; perm = 53.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 10/14/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7417; ConvF:(18.67,18.67,18.67); 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2023-02-15
Phantom: ELI V8.0 (20deg probe tilt); Serial: 2077
Measurement SW: DASY Module SAR V16.2.0.1425

13.0 MHz System Verification at 30.0 dBm (1000 mW)

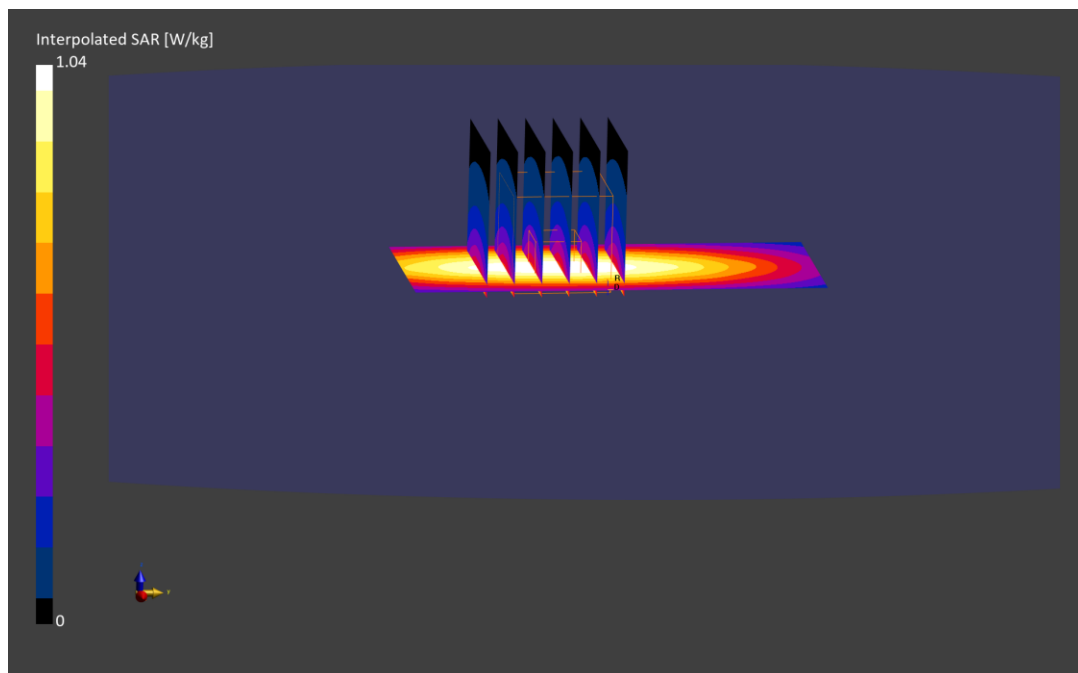
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.314 W/kg

Deviation (1 g) = -2.87%; Deviation (10 g) = -3.98%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1003

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; cond = 0.906 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/12/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

750.0 MHz System Verification at 23.0 dBm (200 mW)

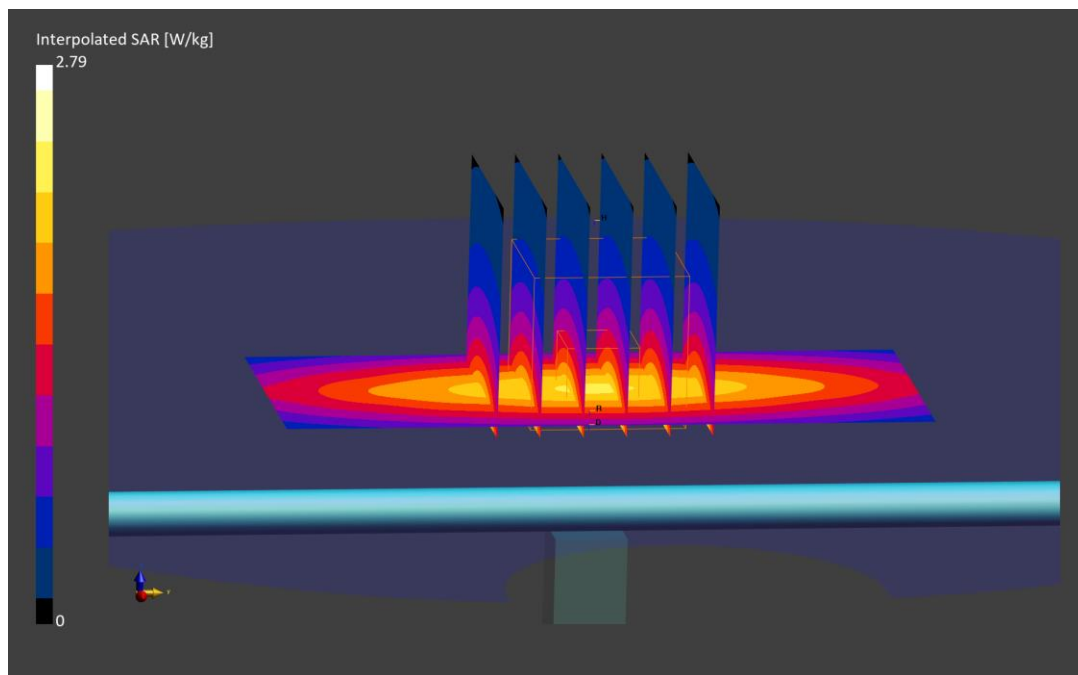
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.79 W/kg

SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.20 W/kg

Deviation (1 g) = 7.90%; Deviation (10 g) = 7.91%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; cond = 0.883 S/m; perm = 43.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/12/2023; Ambient Temp: 20.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7547; ConvF:(9.81,9.81,9.81); 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

750.0 MHz System Verification at 23.0 dBm (200 mW)

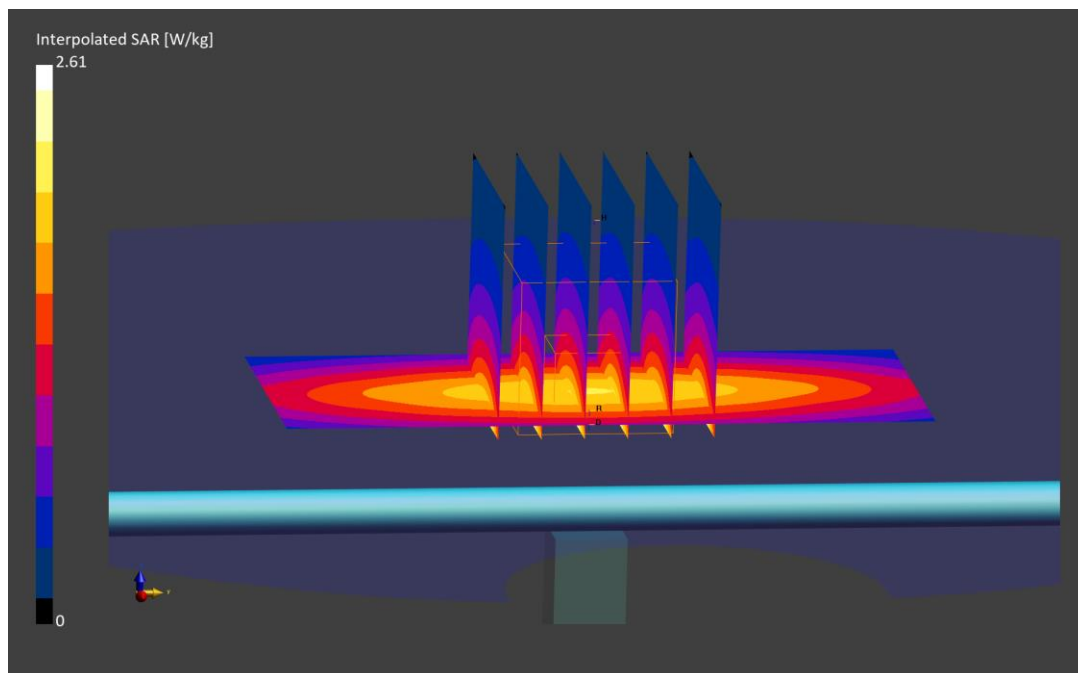
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.61 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = -0.46%; Deviation (10 g) = 0.88%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; cond = 0.918 S/m; perm = 40.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/20/2023; Ambient Temp: 19.8°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7547; ConvF:(9.81,9.81,9.81); 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

750.0 MHz System Verification at 23.0 dBm (200 mW)

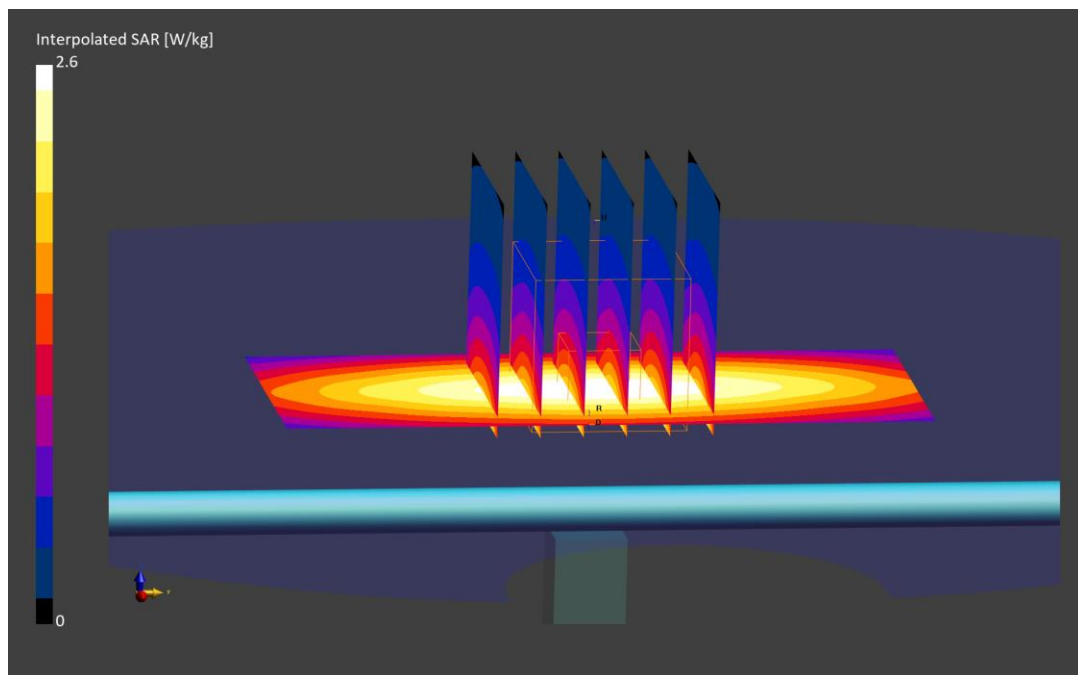
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 1.71 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -1.61%; Deviation (10 g) = -1.75%



ELEMENT

DUT: D750V3 - SN1003; Type: D750V3; Serial: SN1003

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 Head Medium parameters used:

$f = 750 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 41.447$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/02/2023; Ambient Temp: 21.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 750 MHz; Calibrated: 5/10/2023

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 6/27/2023

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

750 MHz System Verification at 23.0 dBm (200 mW)

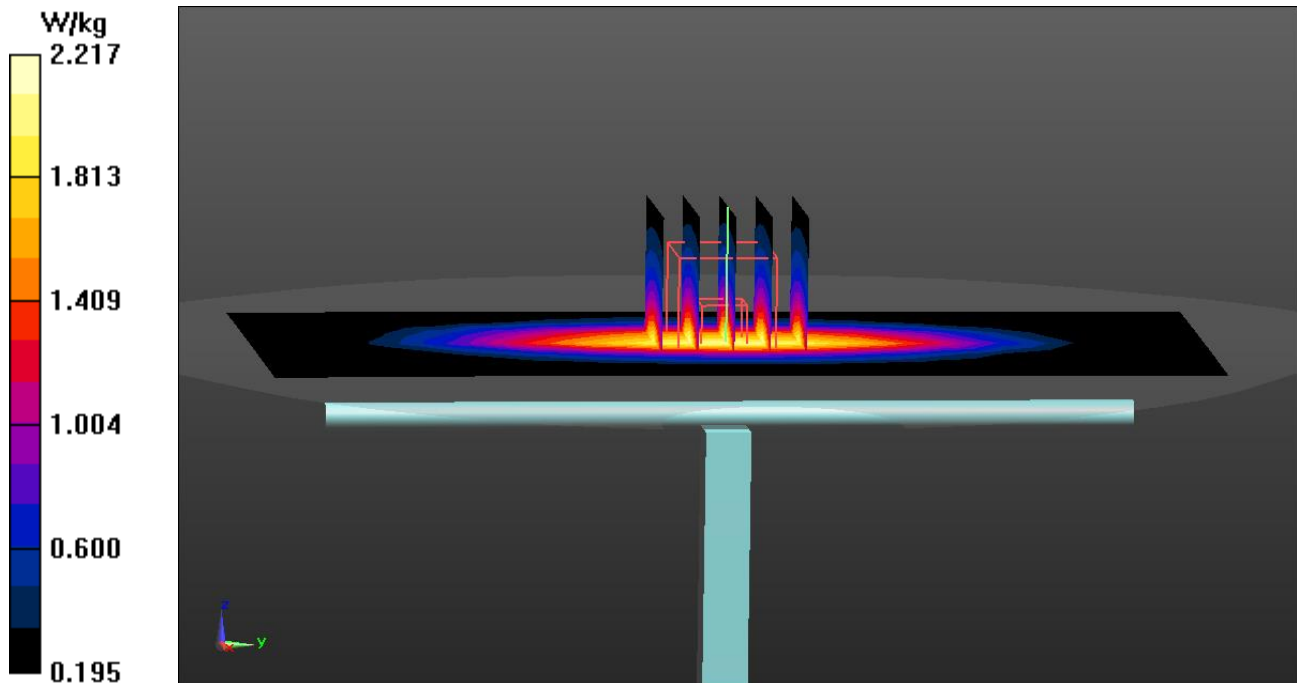
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.65 W/kg; SAR(10 g) = 1.09 W/kg

Deviation(1 g) = -2.71%; Deviation(10 g) = -1.98%



ELEMENT

DUT: D750V3 - SN1003; Type: D750V3; Serial: SN1003

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 Head Medium parameters used:

$f = 750 \text{ MHz}$; $\sigma = 0.878 \text{ S/m}$; $\epsilon_r = 41.891$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/04/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 750 MHz; Calibrated: 5/10/2023

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 6/27/2023

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

750 MHz System Verification at 23.0 dBm (200 mW)

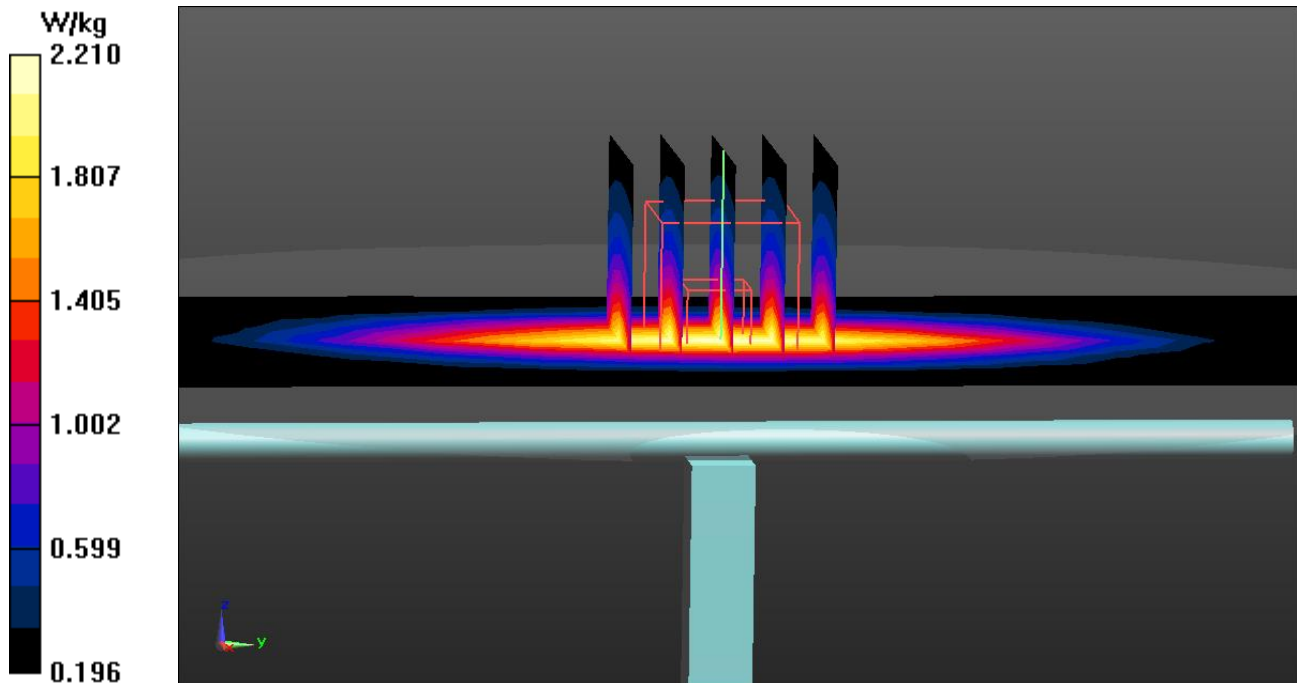
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.65 W/kg; SAR(10 g) = 1.08 W/kg

Deviation(1 g) = -2.71%; Deviation(10 g) = -2.88%



ELEMENT

DUT: D835V2 - SN4d180; Type: D835V2; Serial: SN4d180

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: 835 Head Medium parameters used:

$f = 835 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.169$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/13/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7402; ConvF(9.84, 9.84, 9.84) @ 835 MHz; Calibrated: 5/10/2023

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 6/27/2023

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

835 MHz System Verification at 23.0 dBm (200 mW)

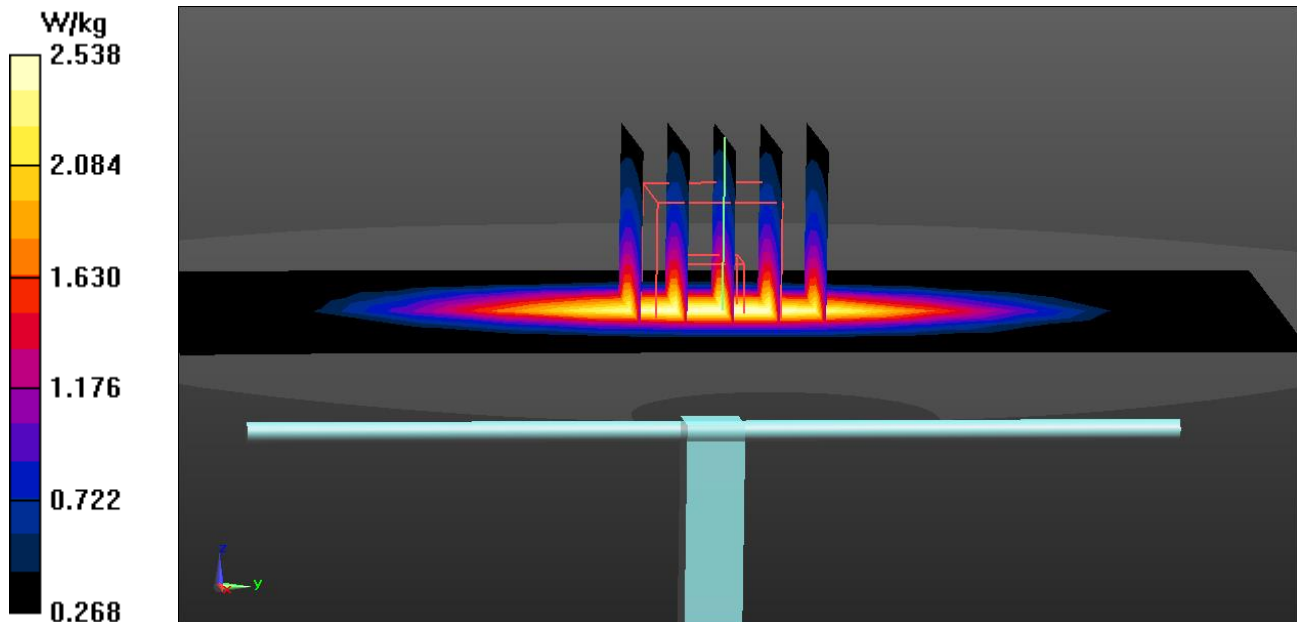
Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.3 W/kg

Deviation(1 g) = 0.21%; Deviation(10 g) = 3.67%



ELEMENT

DUT: Diploe 835 MHz; Type: D835V2; Serial: SN4d119

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: 835 Head Medium parameters used:

$f = 835 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 39.994$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/25/2023; Ambient Temp: 22.2°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 835 MHz; Calibrated: 3/16/2023

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1652; Calibrated: 3/16/2023

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835 MHz System Verification at 23.0 dBm (200 mW)

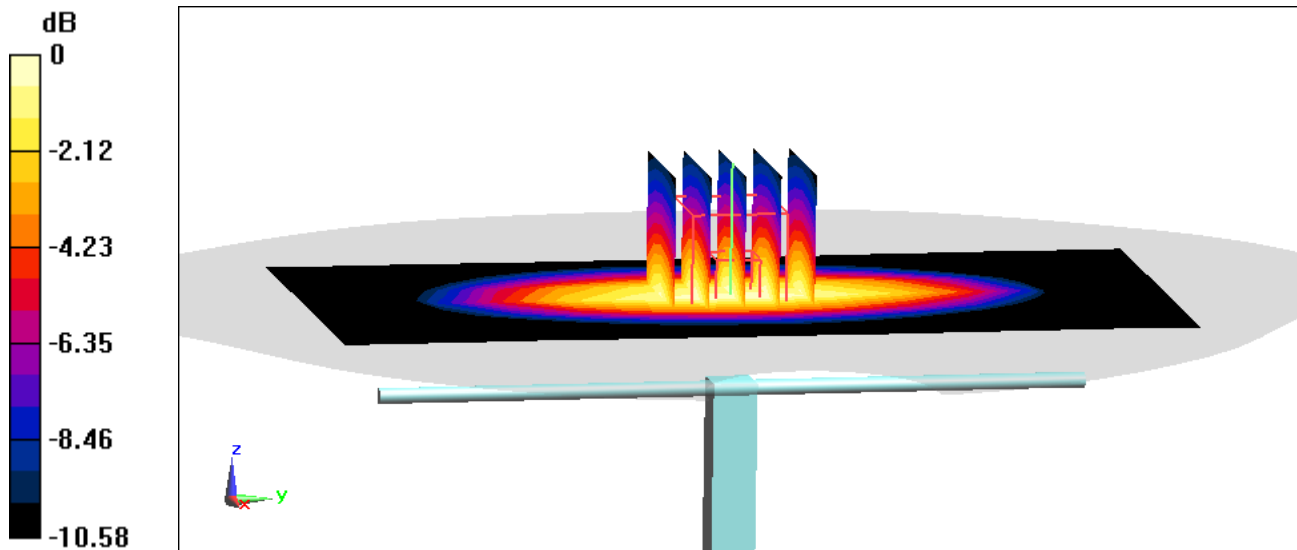
Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 1.25 W/kg

Deviation(1 g) = -2.78%; Deviation(10 g) = -2.04%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d180

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; cond = 0.925 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15 mm

Test Date: 10/04/2023; Ambient Temp: 23.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7565; ConvF:(9.16,9.16,9.16); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

835.0 MHz System Verification at 23.0 dBm (200 mW)

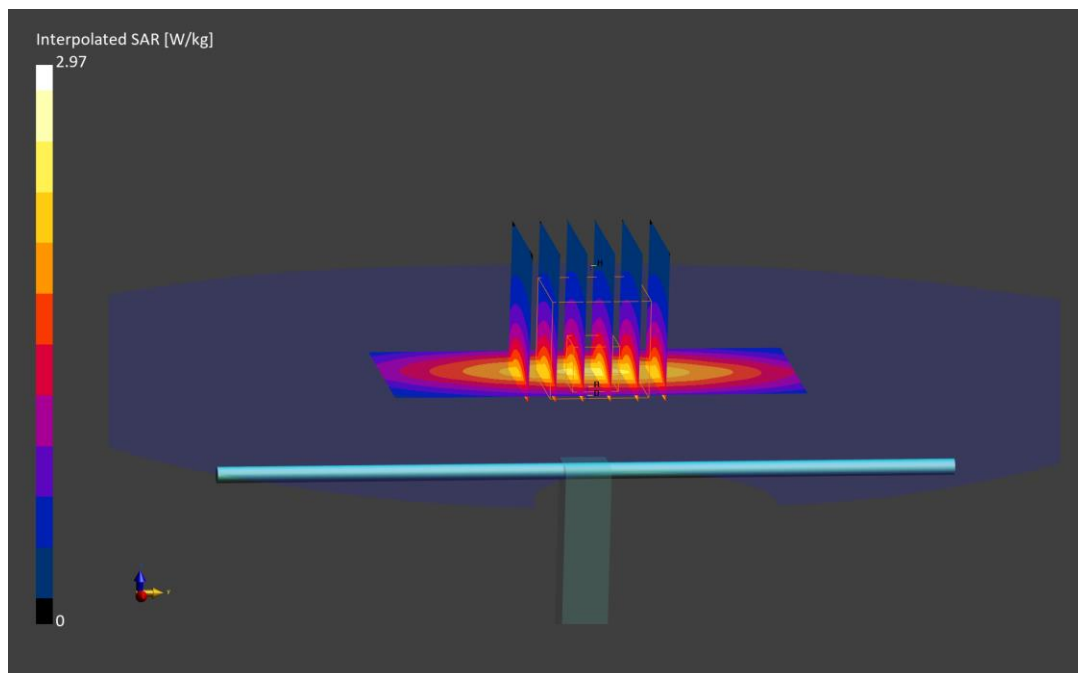
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.97 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.31 W/kg

Deviation (1 g) = 2.80%; Deviation (10 g) = 4.47%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; cond = 0.903 S/m; perm = 41.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 10/18/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7661; ConvF:(10.09,10.09,10.09); 2023-06-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; 2023-05-11
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

835.0 MHz System Verification at 23.0 dBm (200 mW)

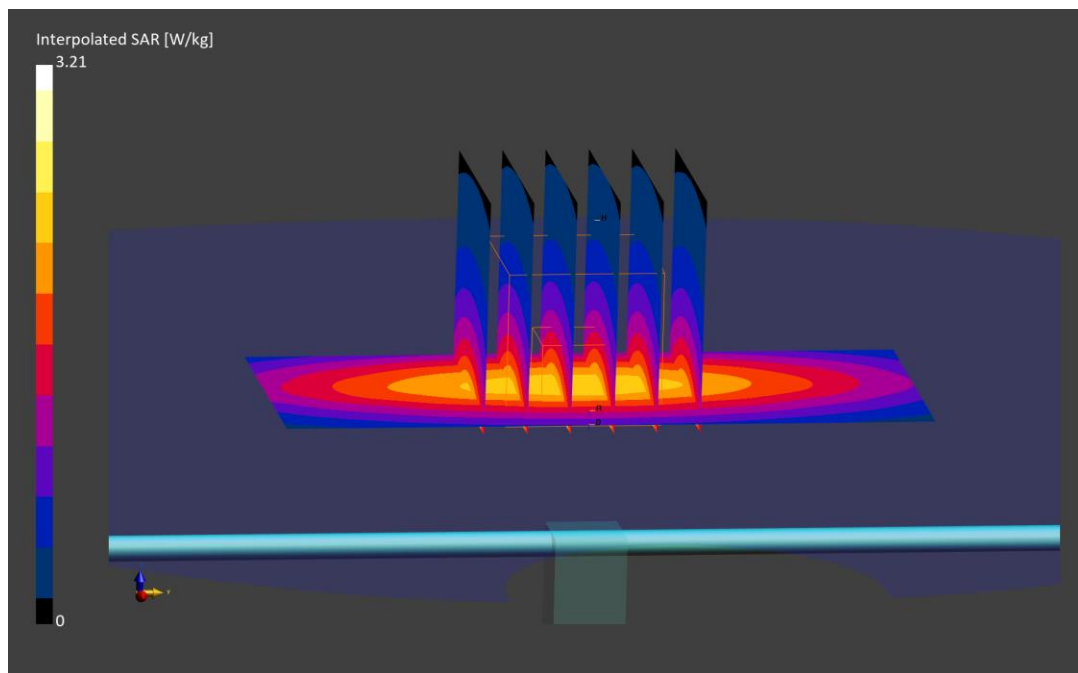
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.02 W/kg; SAR(10 g) = 1.31 W/kg

Deviation (1 g) = 3.48%; Deviation (10 g) = 2.83%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1051

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.41 S/m; perm = 38.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/02/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); 2023-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; 2023-02-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

1750.0 MHz System Verification at 20.0 dBm (100 mW)

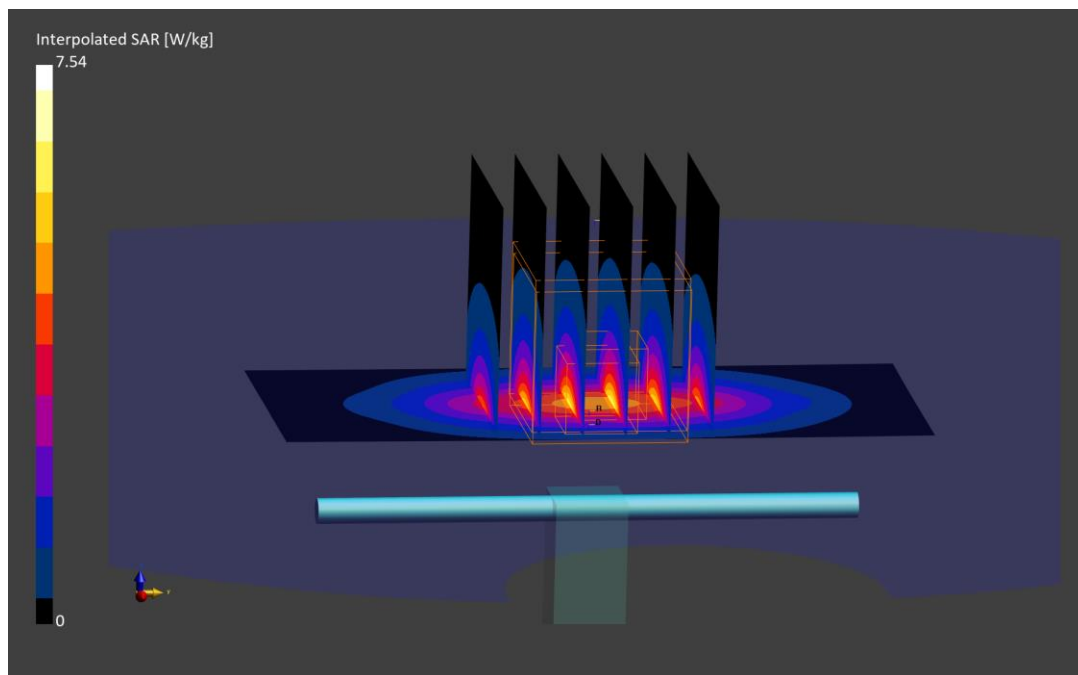
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.54 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.99 W/kg

Deviation (1 g) = 6.09%; Deviation (10 g) = 4.74%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.38 S/m; perm = 41.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/18/2023; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7417; ConvF:(8.32,8.32,8.32); 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2023-02-15
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.2.0.1425

1750.0 MHz System Verification at 20.0 dBm (100 mW)

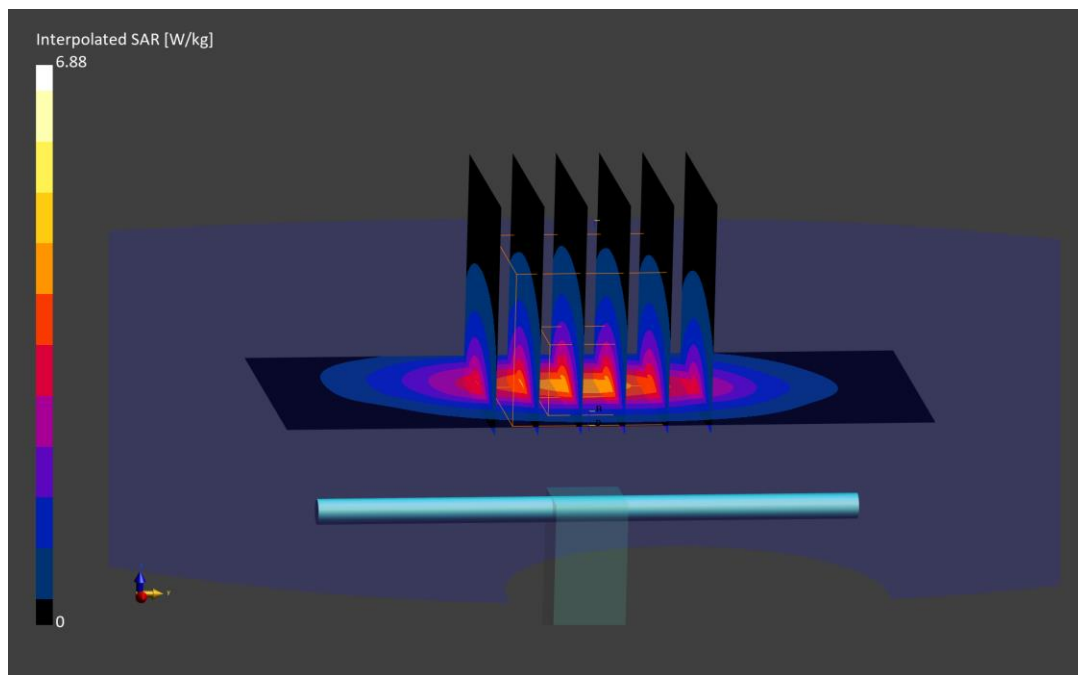
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 6.88 W/kg

SAR(1 g) = 3.61 W/kg; SAR(10 g) = 1.90 W/kg

Deviation (1 g) = -2.17%; Deviation (10 g) = -2.06%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.40 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/20/2023; Ambient Temp: 23.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); 2023-06-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2023-06-15
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

1750.0 MHz System Verification at 20.0 dBm (100 mW)

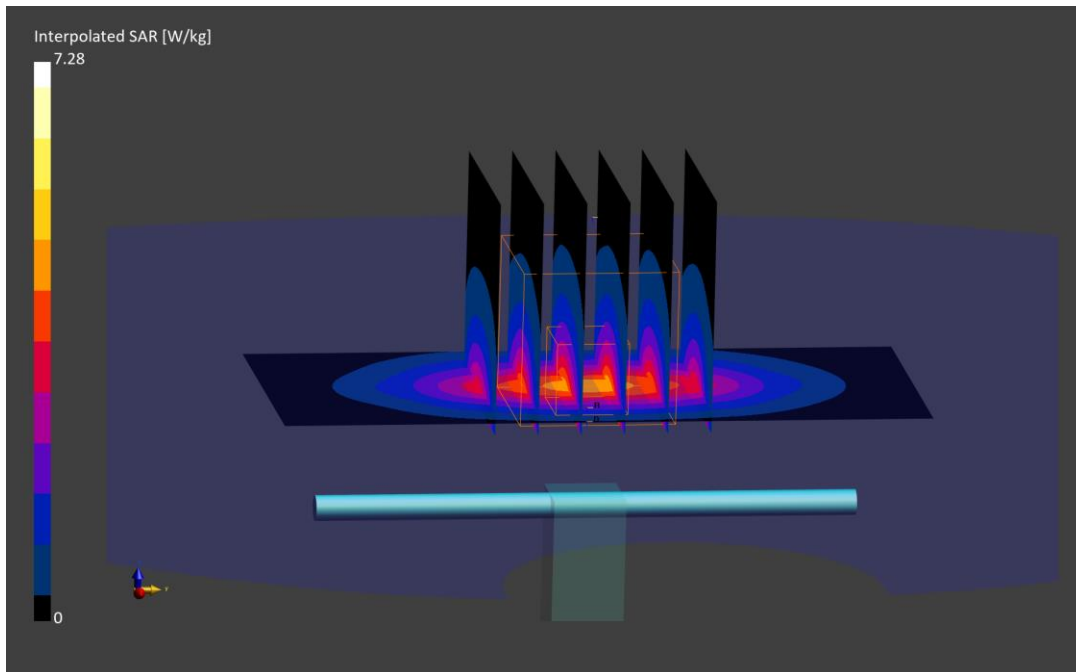
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.28 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.03 W/kg

Deviation (1 g) = 3.52%; Deviation (10 g) = 4.64%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1051

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.41 S/m; perm = 39.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); 2023-02-10
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1645; 2023-02-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

1750.0 MHz System Verification at 20.0 dBm (100 mW)

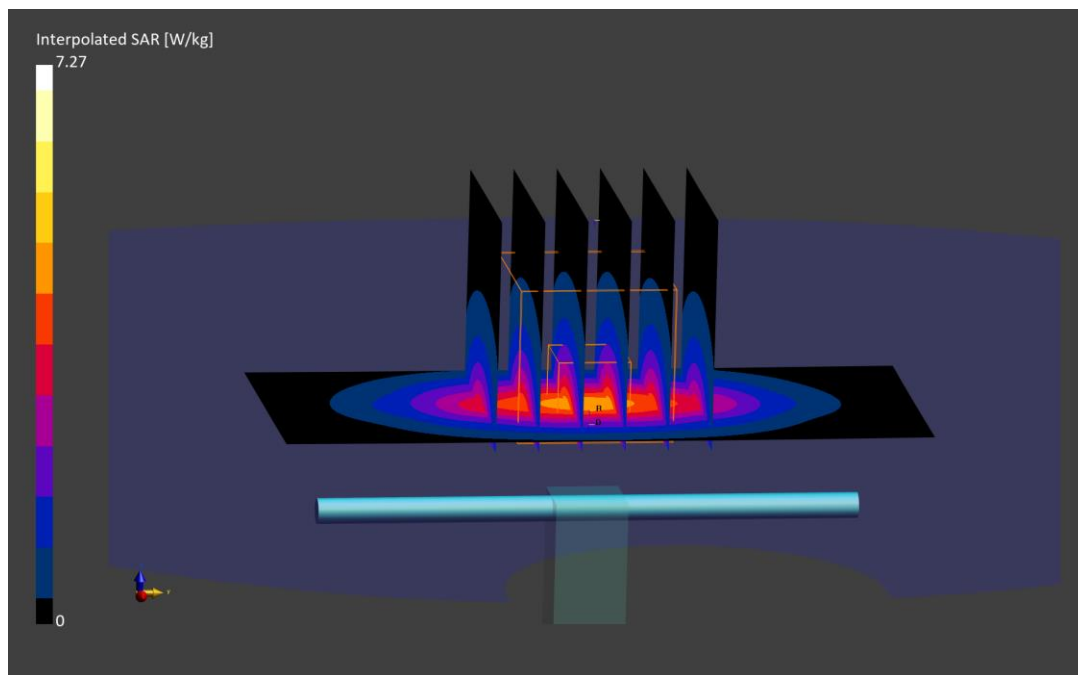
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.27 W/kg

SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.95 W/kg

Deviation (1 g) = 3.32%; Deviation (10 g) = 2.63%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.34 S/m; perm = 39.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); 2023-06-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2023-06-15
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

1750.0 MHz System Verification at 20.0 dBm (100 mW)

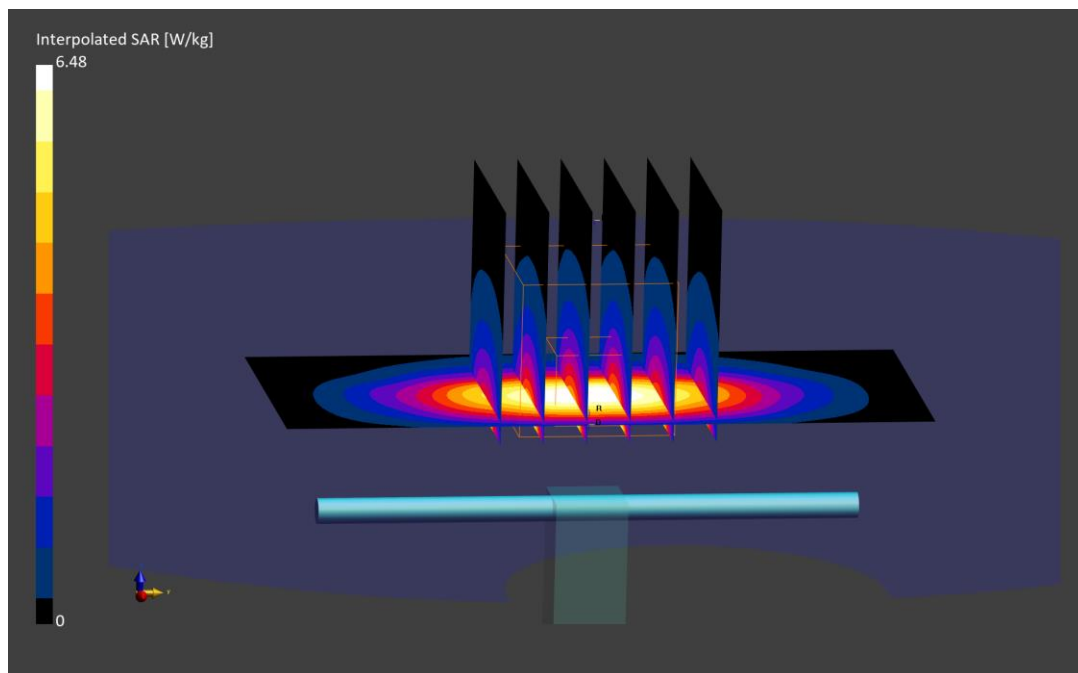
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 6.48 W/kg

SAR(1 g) = 3.54 W/kg; SAR(10 g) = 1.90 W/kg

Deviation (1 g) = -4.07%; Deviation (10 g) = -2.06%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.32 S/m; perm = 39.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/23/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7661; ConvF:(8.97,8.97,8.97); 2023-06-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; 2023-05-11
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

1750.0 MHz System Verification at 20.0 dBm (100 mW)

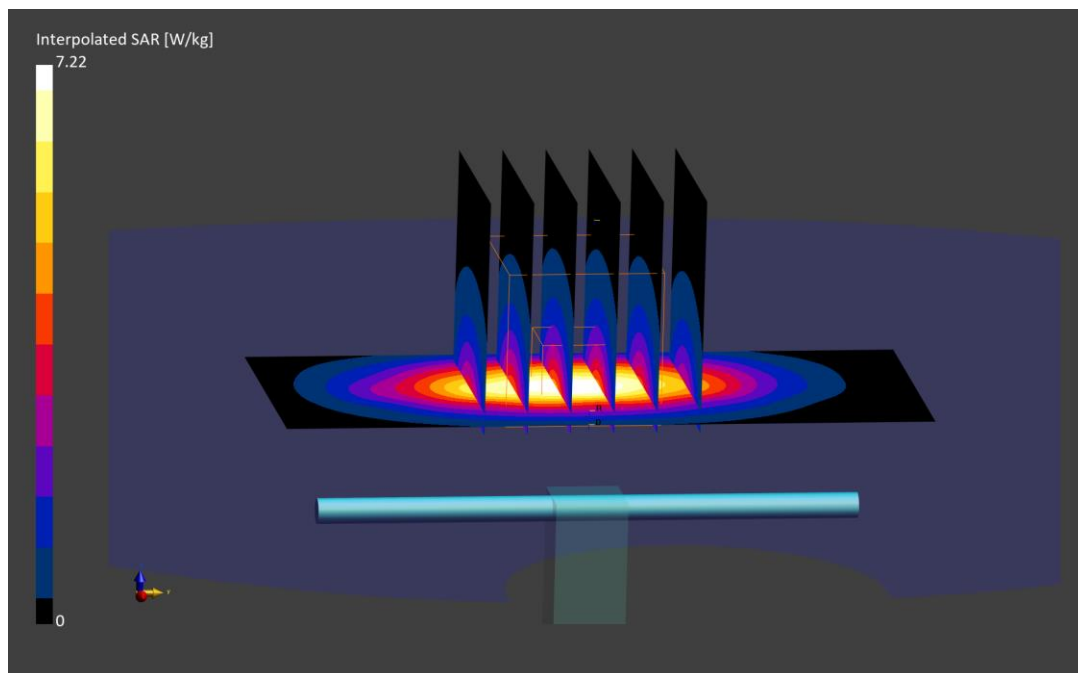
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.22 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.96 W/kg

Deviation (1 g) = -0.27%; Deviation (10 g) = 1.03%



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; $\text{cond} = 1.37$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 09/11/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7638; ConvF:(8.8,8.8,8.8); 2023-03-16

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

Electronics: DAE4 Sn1408; 2023-03-13

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

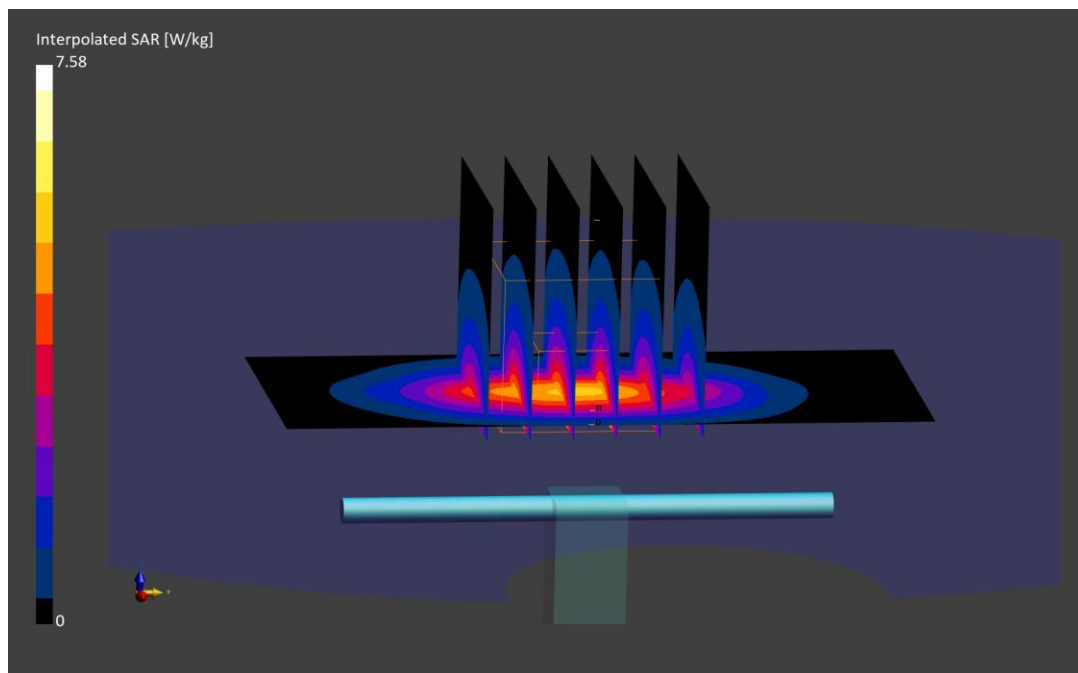
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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

Peak SAR (extrapolated) = 7.58 W/kg

SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.17 W/kg

Deviation (1 g) = 5.10%; Deviation (10 g) = 5.34%



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; cond = 1.44 S/m; perm = 40.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/11/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; 2023-03-15
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

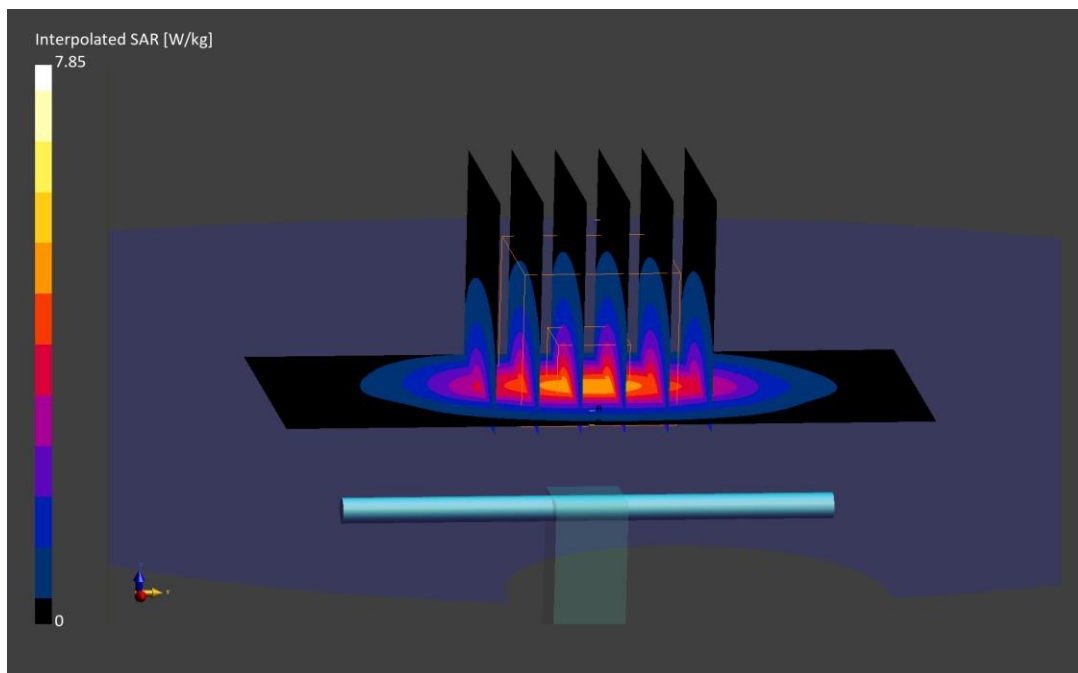
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.85 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.13 W/kg

Deviation (1 g) = 5.87%; Deviation (10 g) = 3.40%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.44 S/m; perm = 41.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/18/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

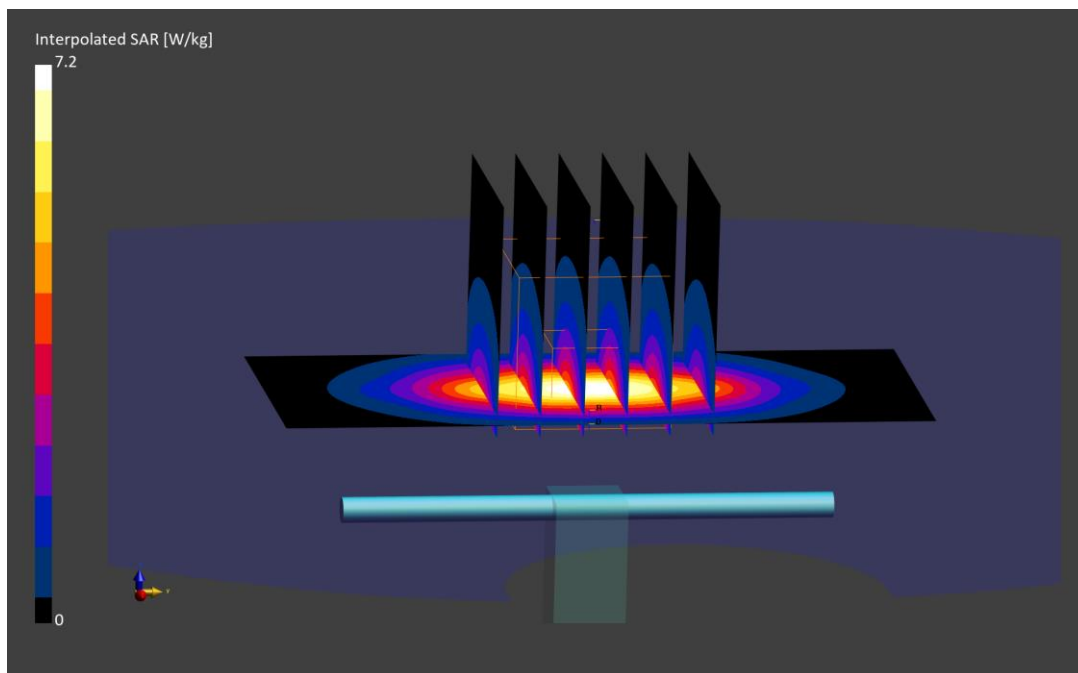
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.20 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.95 W/kg

Deviation (1 g) = -5.74%; Deviation (10 g) = -7.14%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.45 S/m; perm = 41.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 09/20/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

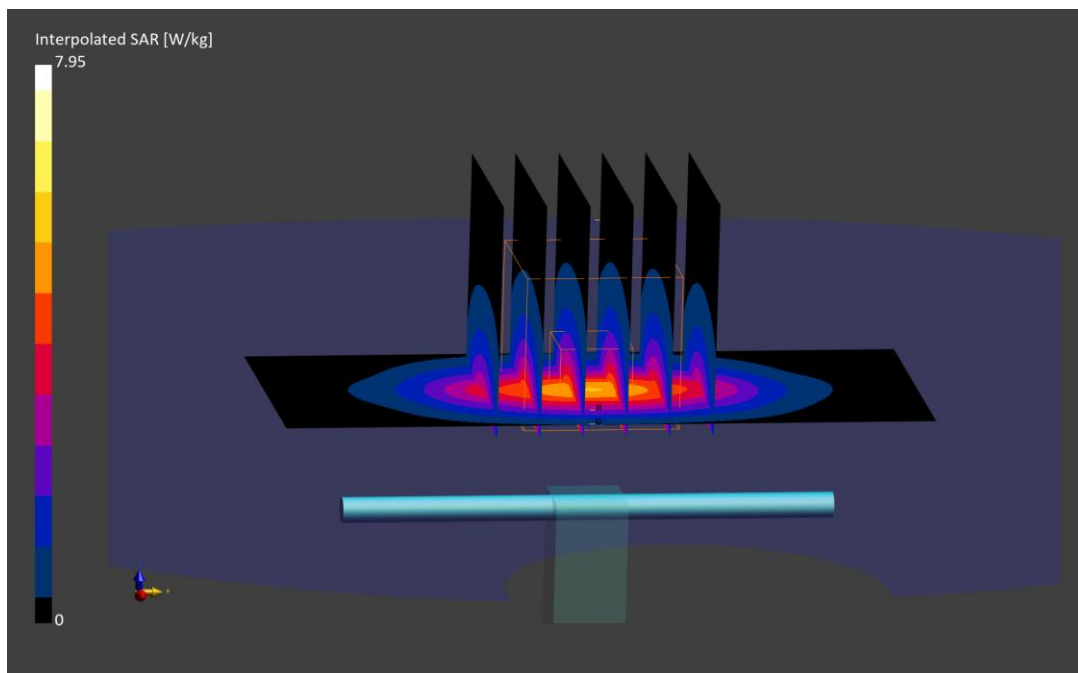
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.95 W/kg

SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.08 W/kg

Deviation (1 g) = 1.50%; Deviation (10 g) = -0.95%



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; cond = 1.41 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 10/02/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); 2023-03-16

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

Electronics: DAE4 Sn604; 2023-03-15

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

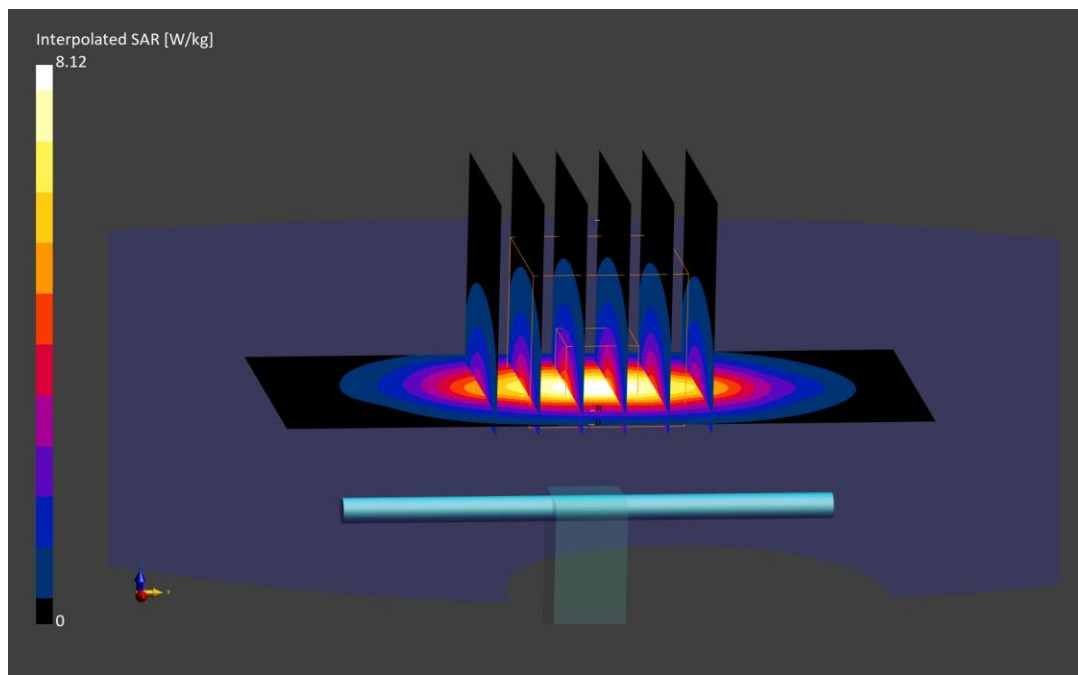
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 8.12 W/kg

SAR(1 g) = 4.22 W/kg; SAR(10 g) = 2.15 W/kg

Deviation (1 g) = 7.65%; Deviation (10 g) = 4.37%



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; cond = 1.44 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); 2023-03-16

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

Electronics: DAE4 Sn604; 2023-03-15

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

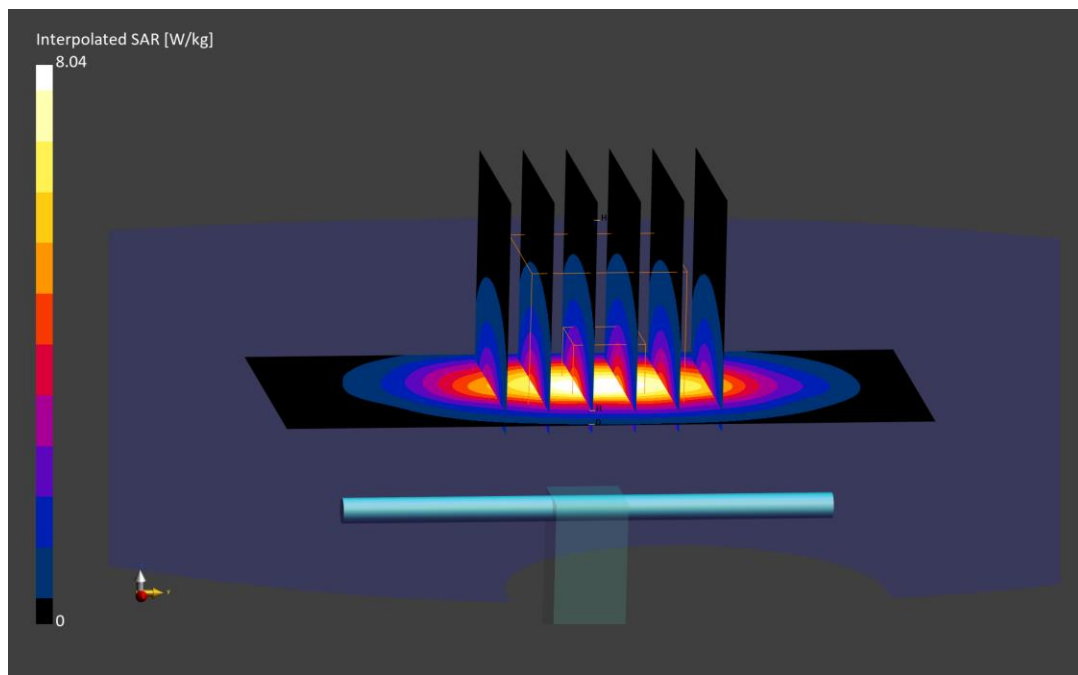
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 8.04 W/kg

SAR(1 g) = 4.20 W/kg; SAR(10 g) = 2.15 W/kg

Deviation (1 g) = 7.14%; Deviation (10 g) = 4.37%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.43 S/m; perm = 39.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 10/09/2023; Ambient Temp: 19.9C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

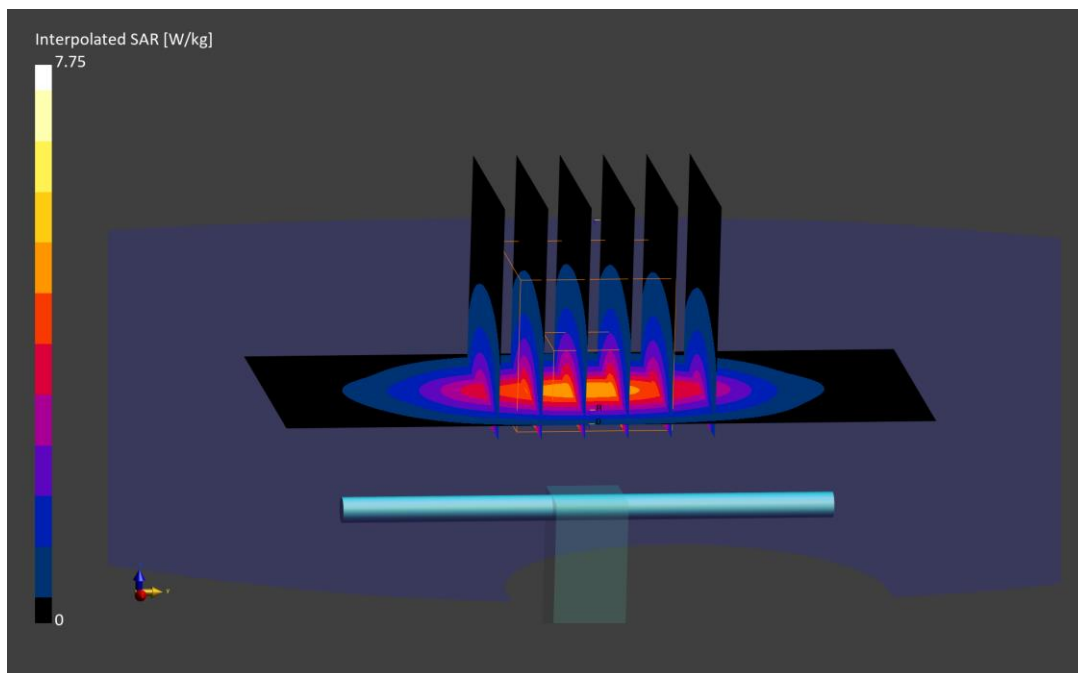
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.75 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.03 W/kg

Deviation (1 g) = -0.75%; Deviation (10 g) = -3.33%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.39 S/m; perm = 39.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/11/2023; Ambient Temp: 21.1°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

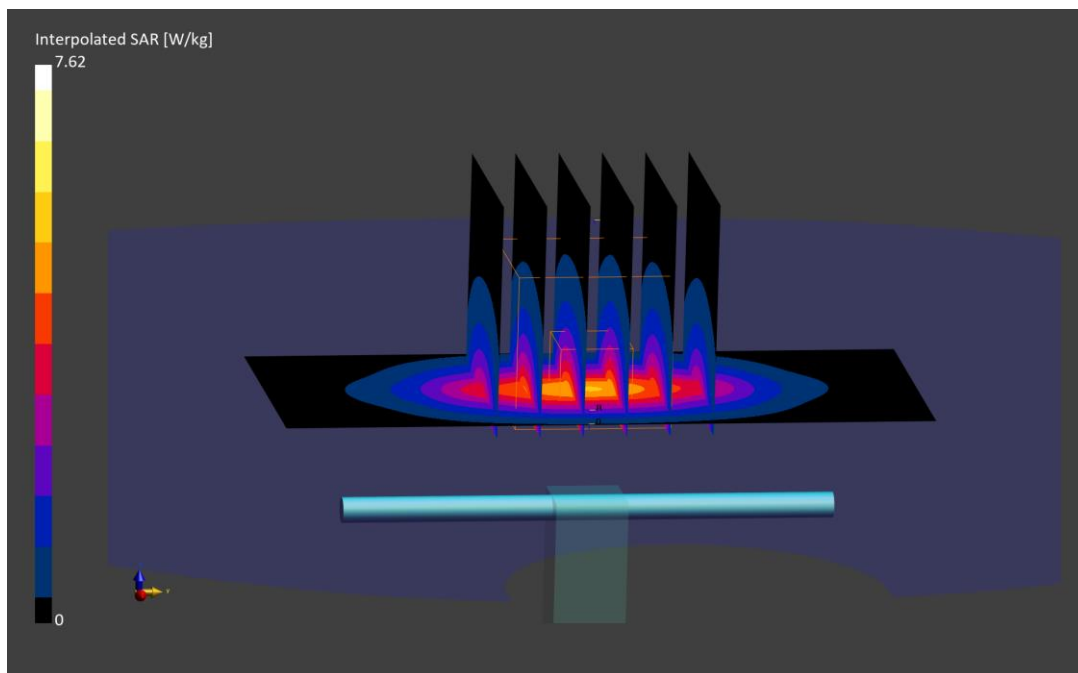
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.62 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.08 W/kg

Deviation (1 g) = 0.25%; Deviation (10 g) = -0.95%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.43 S/m; perm = 40.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 10/18/2023; Ambient Temp: 21.3°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

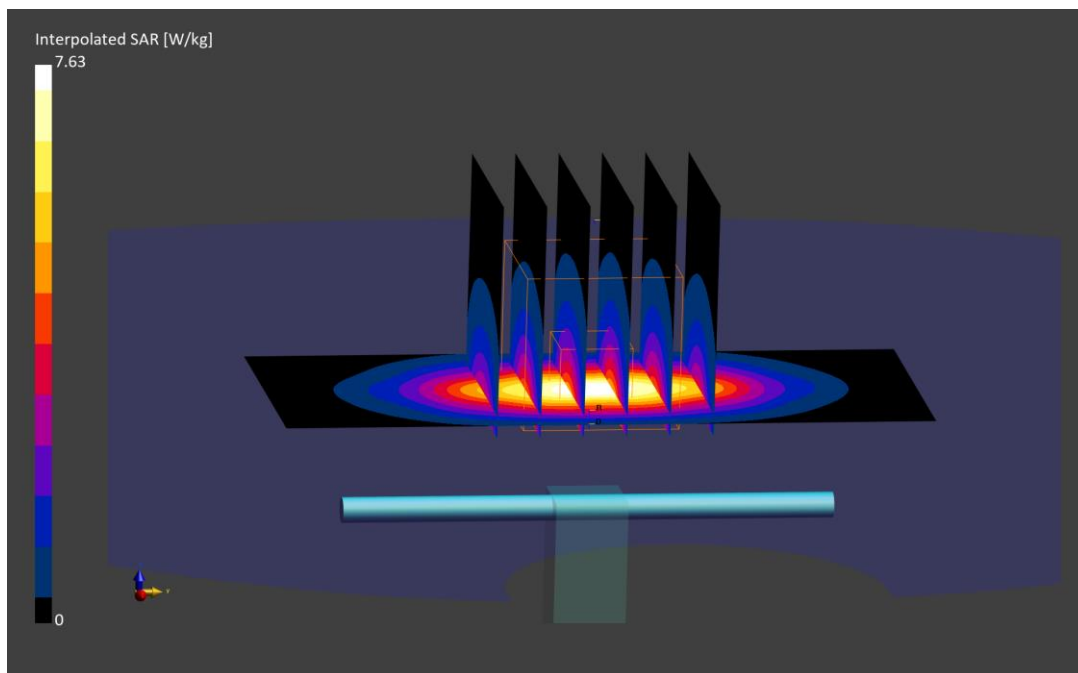
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.63 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.09 W/kg

Deviation (1 g) = 0.25%; Deviation (10 g) = -0.48%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d026

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.42 S/m; perm = 38.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 10/25/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7565; ConvF:(7.89,7.89,7.89); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

1900.0 MHz System Verification at 20.0 dBm (100 mW)

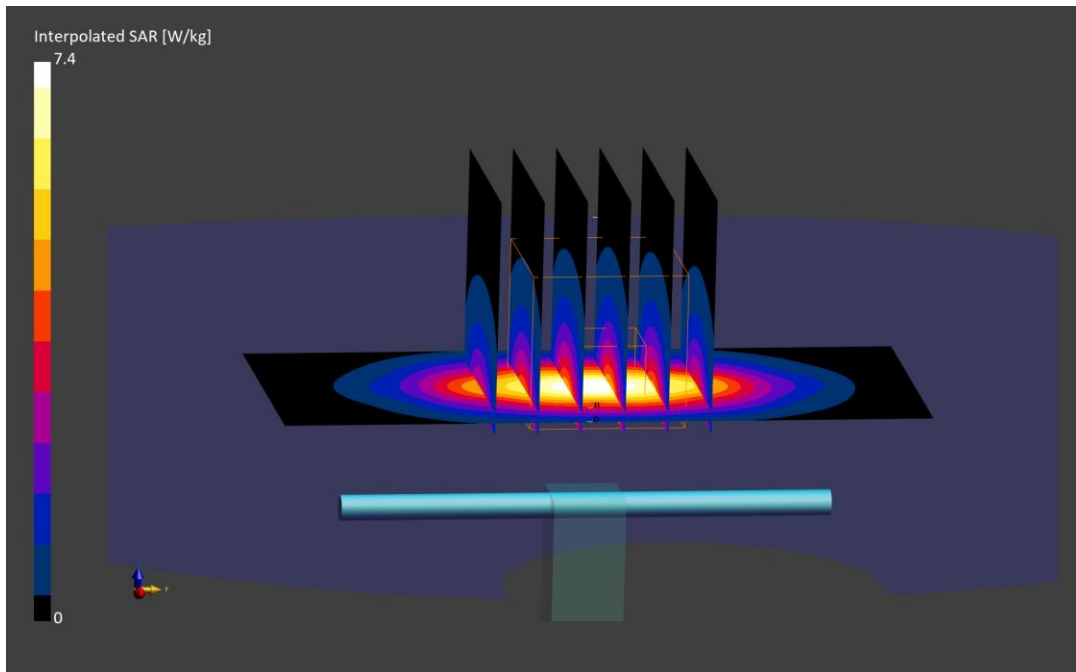
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 7.40 W/kg

SAR(1 g) = 4.05 W/kg; SAR(10 g) = 2.11 W/kg

Deviation (1 g) = 4.11%; Deviation (10 g) = 2.93%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.0 MHz; cond = 1.68 S/m; perm = 41.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2023; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.57,7.57,7.57); 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1403; 2023-02-15
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.2.0.1425

2300.0 MHz System Verification at 20.0 dBm (100 mW)

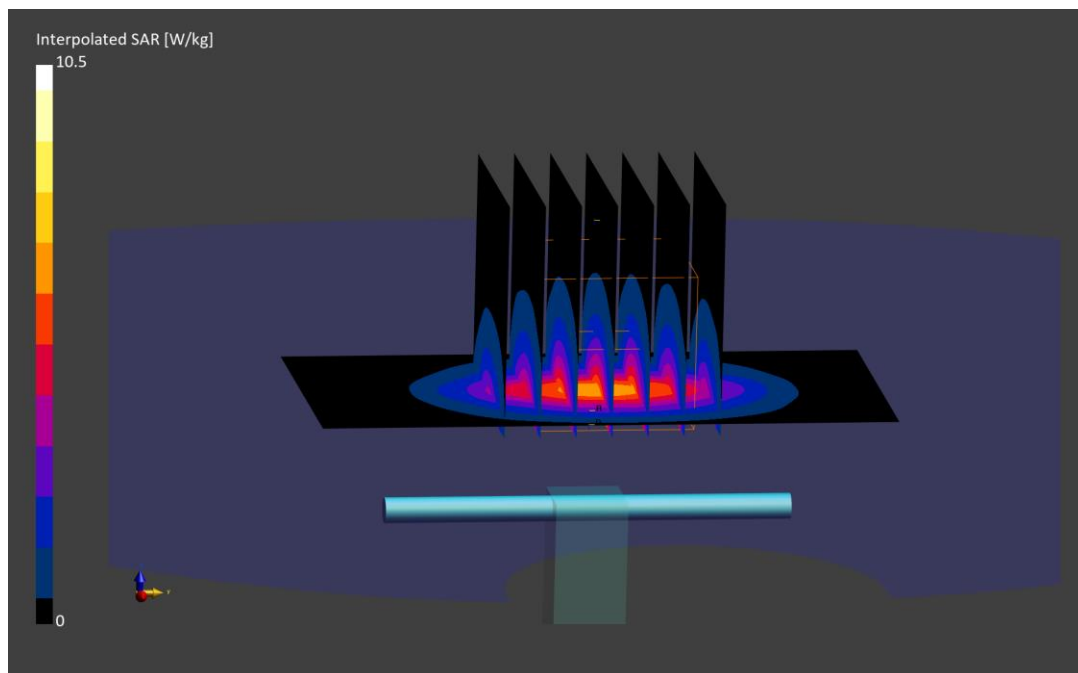
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 5.19 W/kg; SAR(10 g) = 2.47 W/kg

Deviation (1 g) = 6.13%; Deviation (10 g) = 5.56%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1116

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.0 MHz; cond = 1.75 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2023; Ambient Temp: 23.3°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.53,8.53,8.53); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

2300.0 MHz System Verification at 20.0 dBm (100 mW)

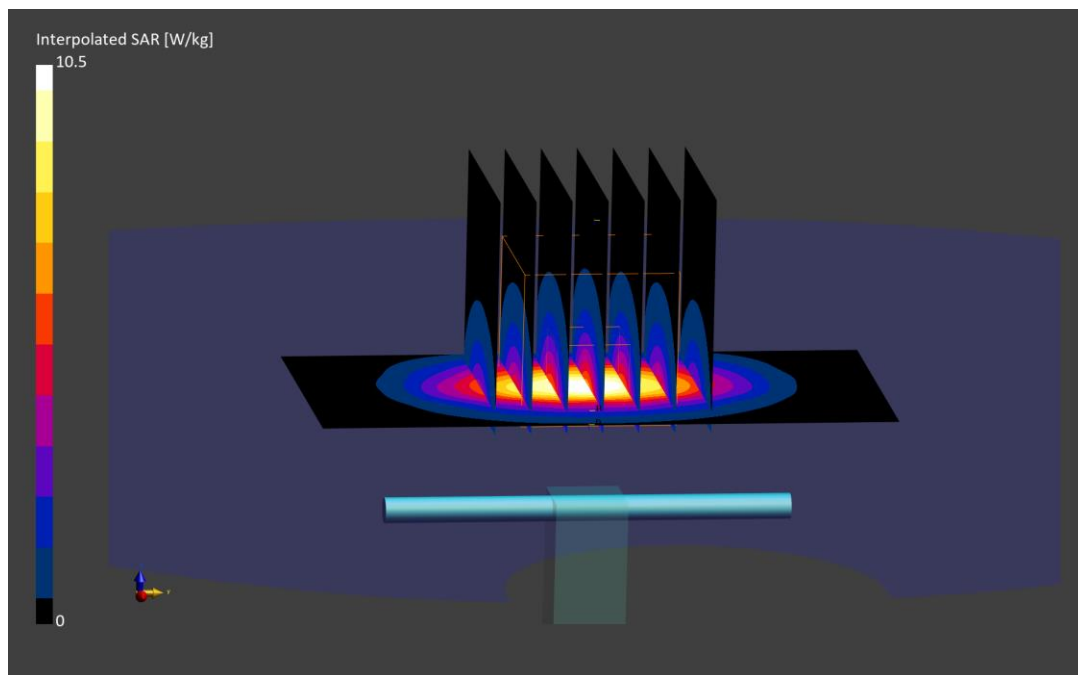
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 5.13 W/kg; SAR(10 g) = 2.45 W/kg

Deviation (1 g) = 3.43%; Deviation (10 g) = 2.94%



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 = 1.85 S/m; perm = 40.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2023; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.42,7.42,7.42); 2023-02-13

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

Electronics: DAE4 Sn1403; 2023-02-15

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.2.0.1425

2450.0 MHz System Verification at 20.0 dBm (100 mW)

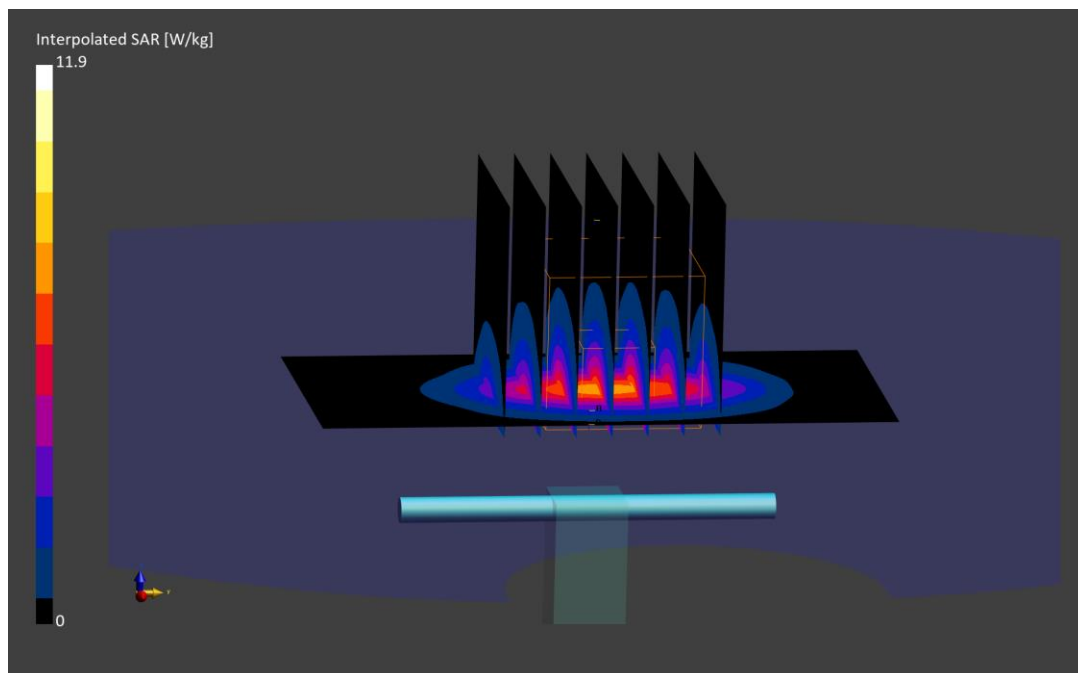
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 5.67 W/kg; SAR(10 g) = 2.60 W/kg

Deviation (1 g) = 7.79%; Deviation (10 g) = 6.12%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; cond = 1.83 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2023; Ambient Temp: 20.7C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

2450.0 MHz System Verification at 20.0 dBm (100 mW)

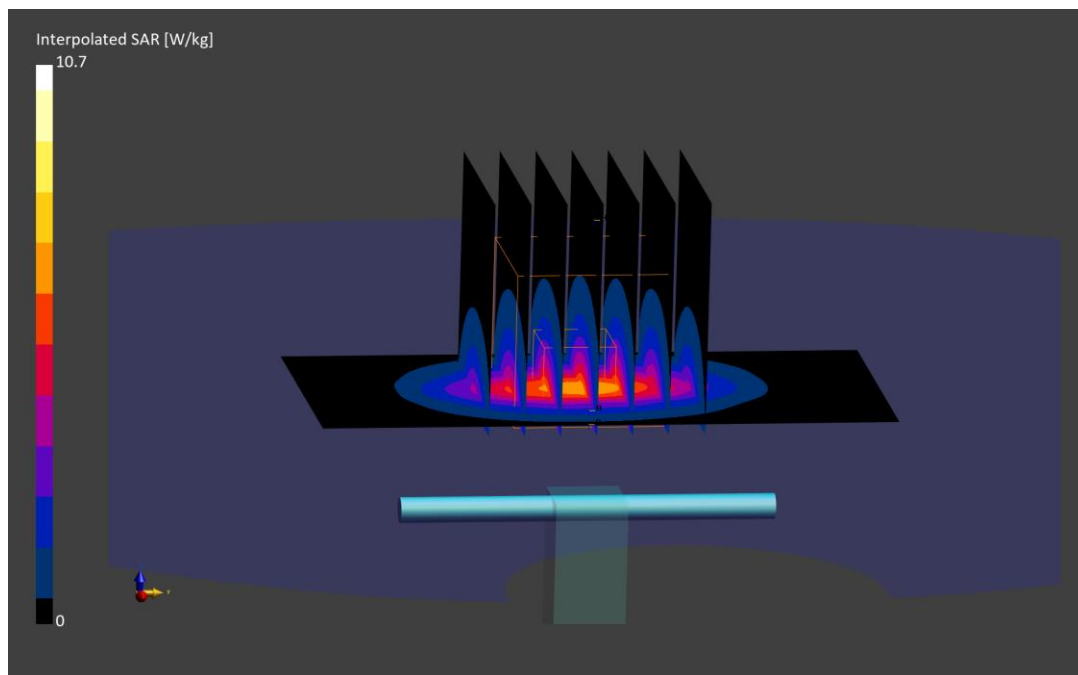
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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) = 5.22 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = -3.15%; Deviation (10 g) = -3.94%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; cond = 1.81 S/m; perm = 39.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/11/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); 2023-06-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2023-06-15
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

2450.0 MHz System Verification at 20.0 dBm (100 mW)

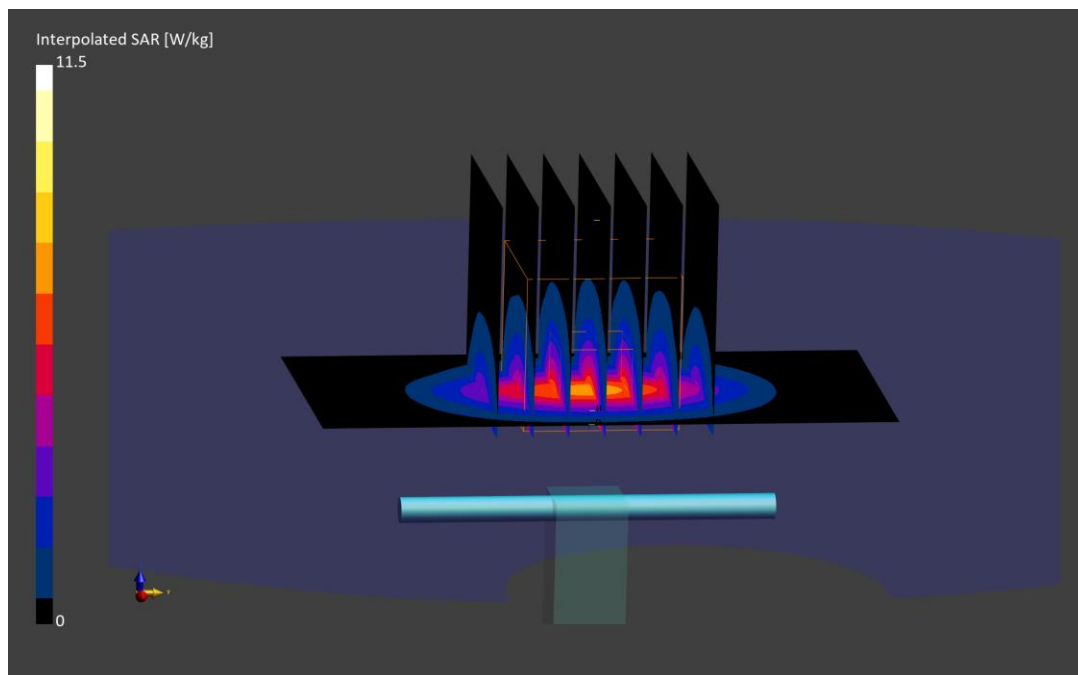
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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) = 5.55 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 2.97%; Deviation (10 g) = 1.57%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; cond = 1.82 S/m; perm = 37.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/18/2023; Ambient Temp: 21.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

2450.0 MHz System Verification at 20.0 dBm (100 mW)

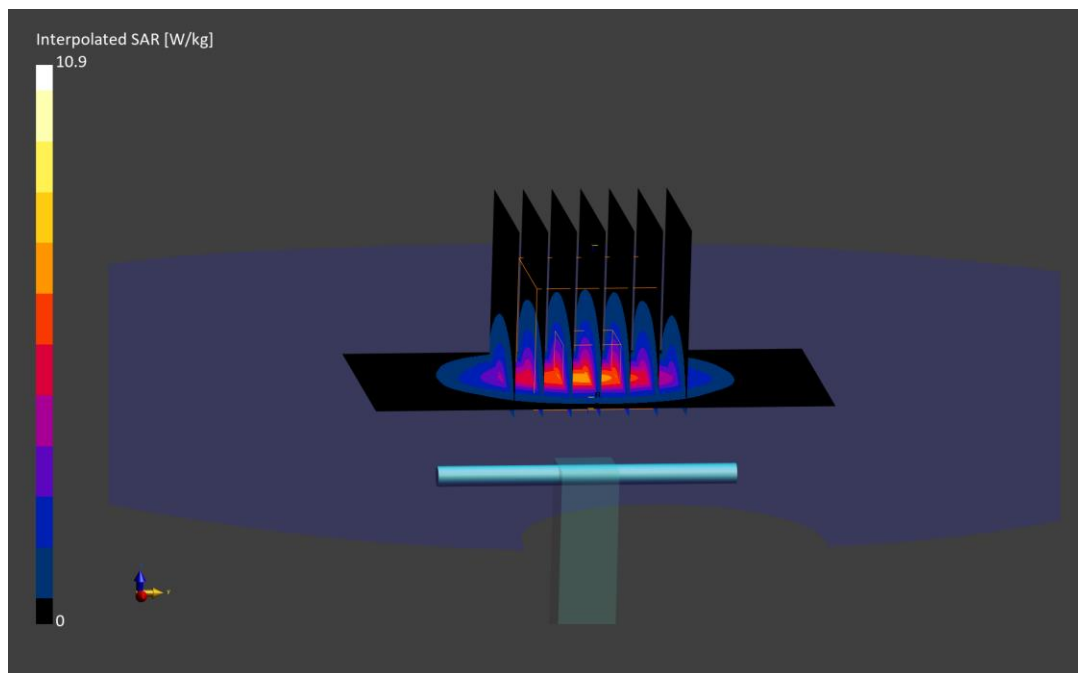
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 10.9 W/kg

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

Deviation (1 g) = 2.32%; Deviation (10 g) = 1.65%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; cond = 1.80 S/m; perm = 37.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/20/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

2450.0 MHz System Verification at 20.0 dBm (100 mW)

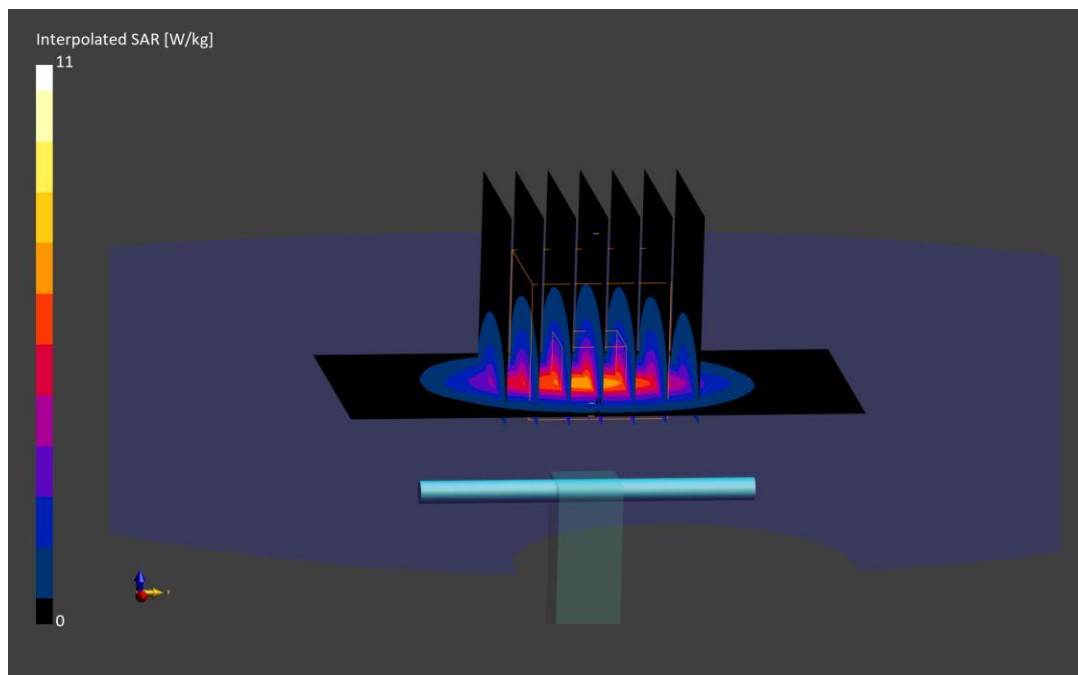
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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) = 5.38 W/kg; SAR(10 g) = 2.50 W/kg

Deviation (1 g) = 4.06%; Deviation (10 g) = 3.31%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; cond = 1.87 S/m; perm = 38.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2023; Ambient Temp: 23.3°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

2450.0 MHz System Verification at 20.0 dBm (100 mW)

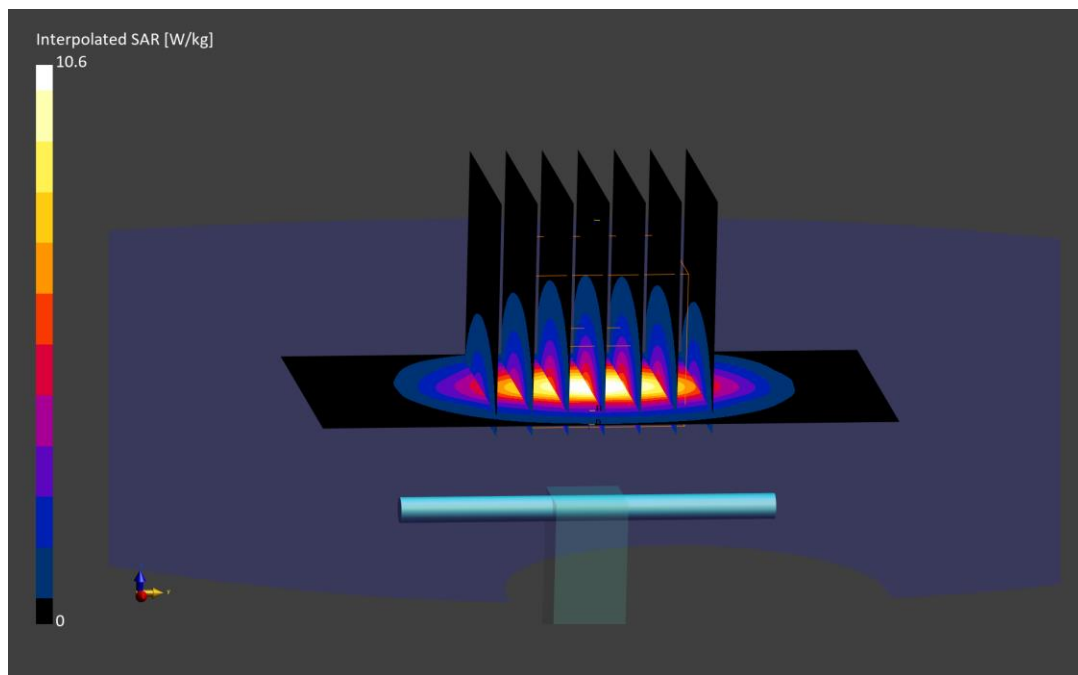
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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) = 5.18 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -3.90%; Deviation (10 g) = -5.12%



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 = 2.04 S/m; perm = 39.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2023; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.1,7.1,7.1); 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1403; 2023-02-15
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.2.0.1425

2600.0 MHz System Verification at 20.0 dBm (100 mW)

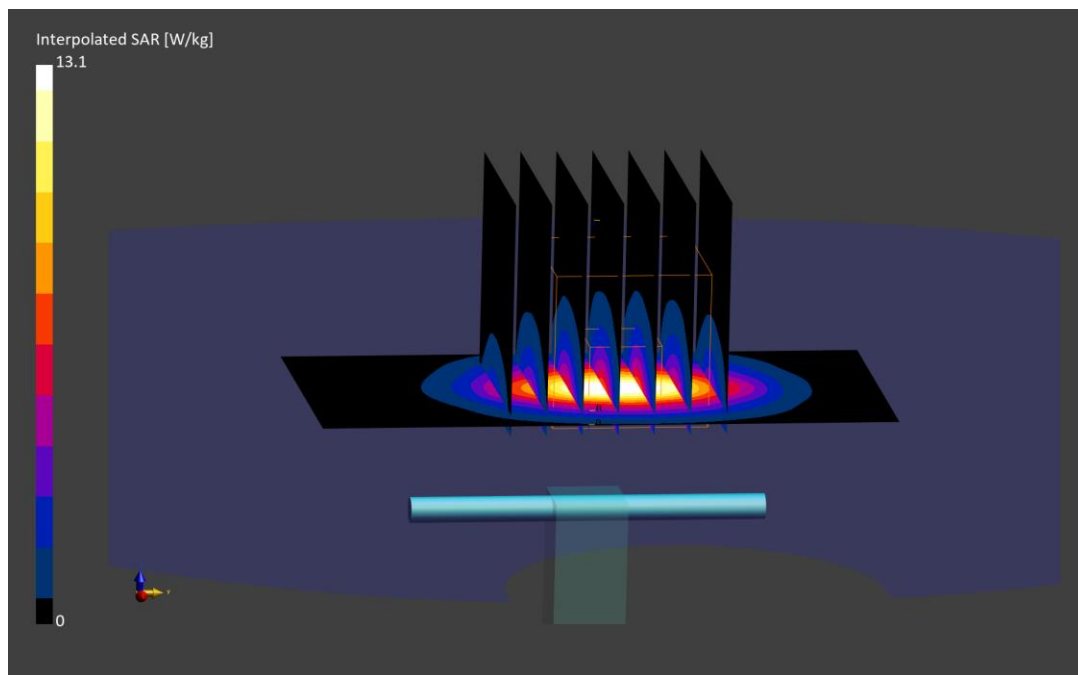
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 5.85 W/kg; SAR(10 g) = 2.57 W/kg

Deviation (1 g) = 4.84%; Deviation (10 g) = 3.21%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; cond = 1.93 S/m; perm = 37.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/18/2023; Ambient Temp: 21.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

2600.0 MHz System Verification at 20.0 dBm (100 mW)

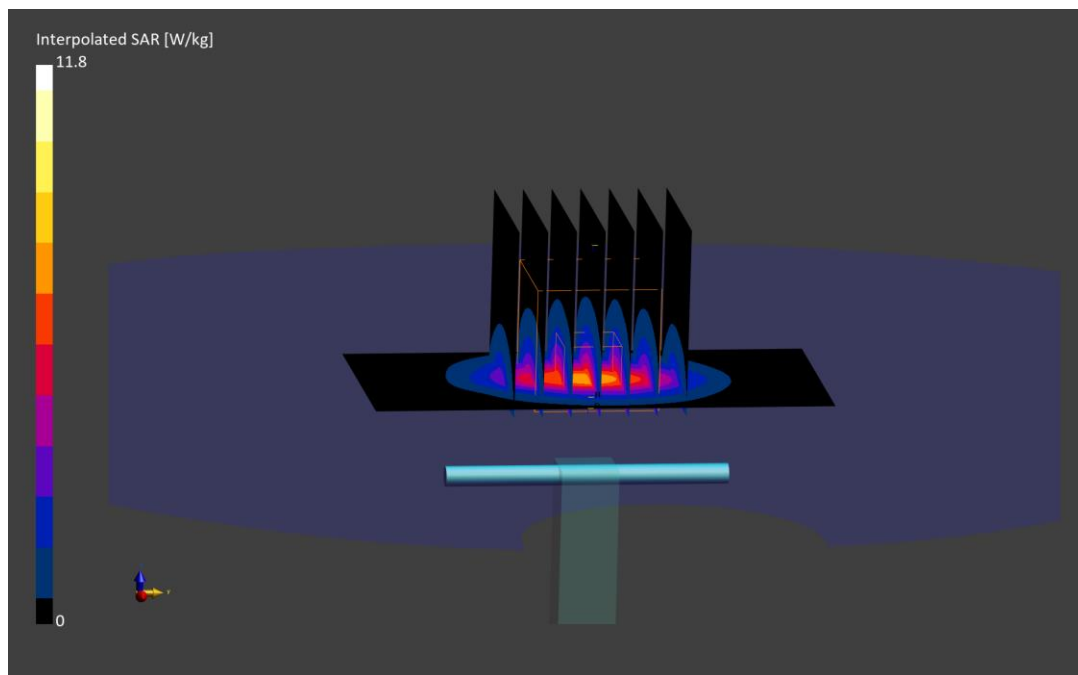
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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) = 5.50 W/kg; SAR(10 g) = 2.49 W/kg

Deviation (1 g) = -1.79%; Deviation (10 g) = -1.58%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; cond = 1.92 S/m; perm = 37.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/20/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

2600.0 MHz System Verification at 20.0 dBm (100 mW)

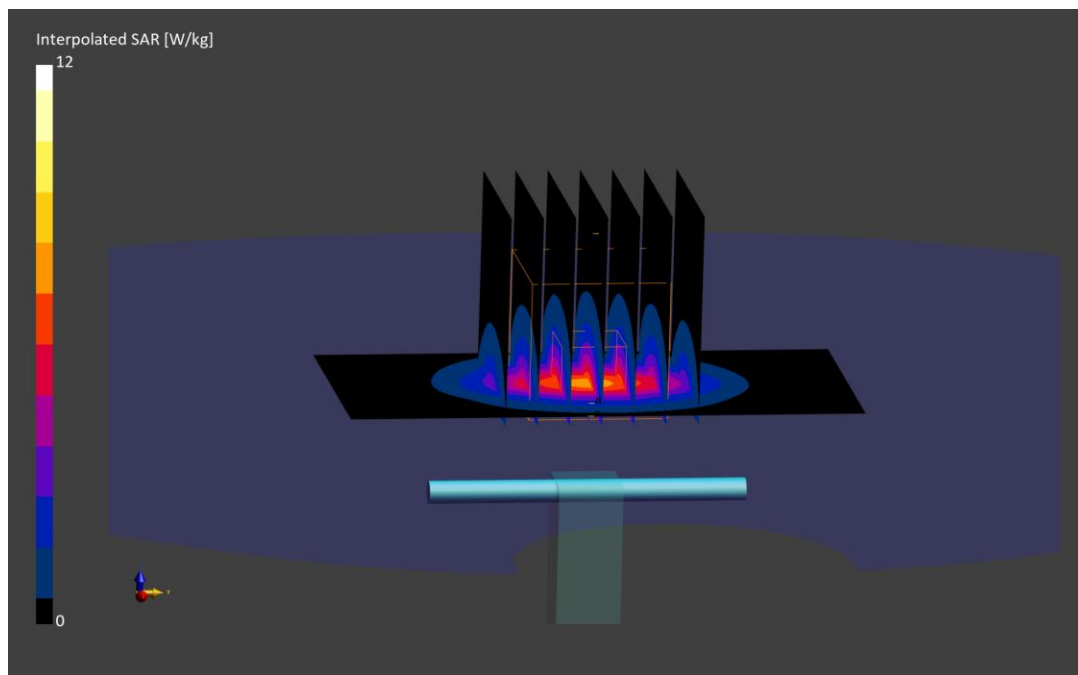
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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(1 g) = 5.63 W/kg; SAR(10 g) = 2.54 W/kg

Deviation (1 g) = 0.54%; Deviation (10 g) = 0.40%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; cond = 1.94 S/m; perm = 38.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/23/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

2600.0 MHz System Verification at 20.0 dBm (100 mW)

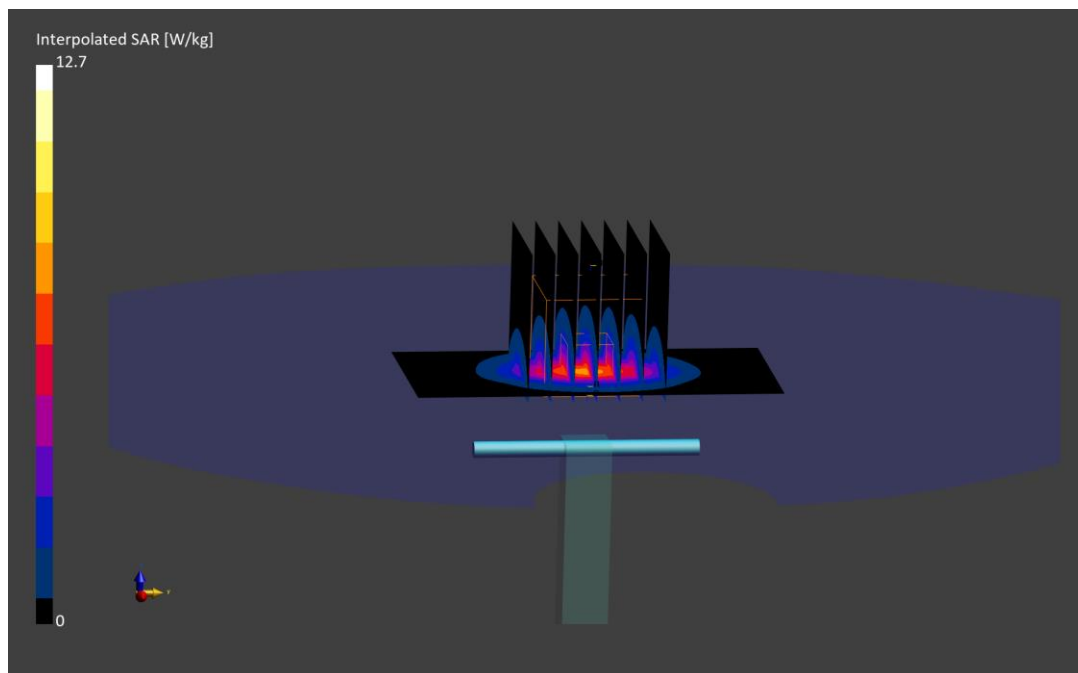
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.93 W/kg; SAR(10 g) = 2.68 W/kg

Deviation (1 g) = 5.89%; Deviation (10 g) = 5.93%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1009

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; cond = 1.98 S/m; perm = 38.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/27/2023; Ambient Temp: 19.2°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7558; ConvF:(7.42,7.42,7.42); 2023-09-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; 2023-09-06
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

2600.0 MHz System Verification at 20.0 dBm (100 mW)

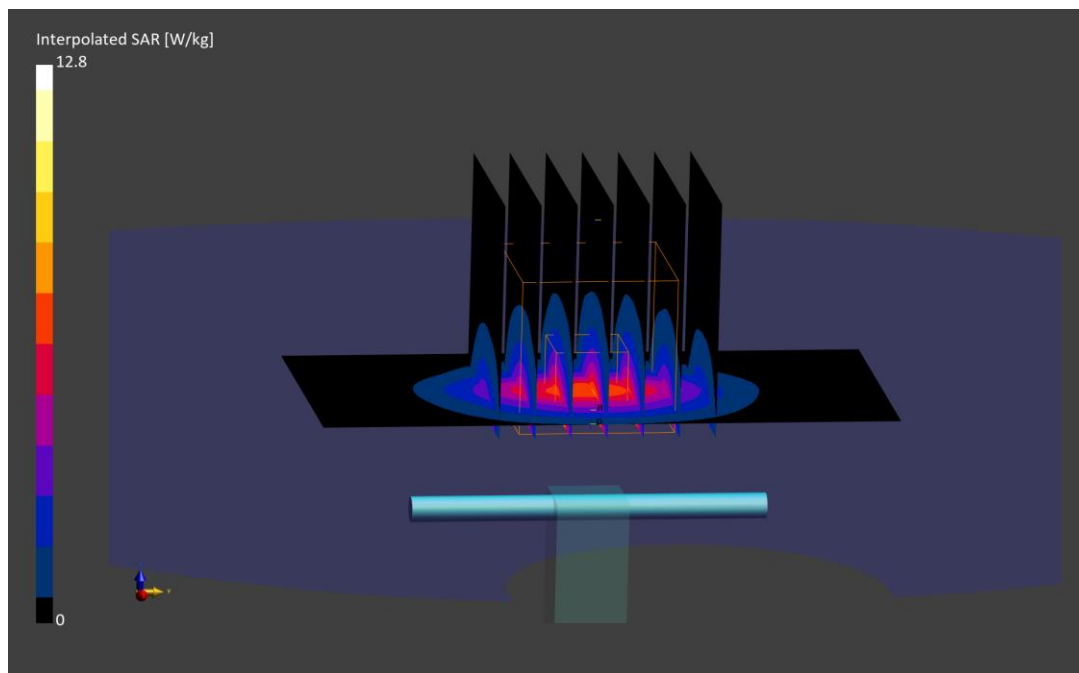
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 5.79 W/kg; SAR(10 g) = 2.59 W/kg

Deviation (1 g) = 1.05%; Deviation (10 g) = 0.39%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; cond = 1.98 S/m; perm = 38.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2023; Ambient Temp: 23.3°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.03,8.03,8.03); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

2600.0 MHz System Verification at 20.0 dBm (100 mW)

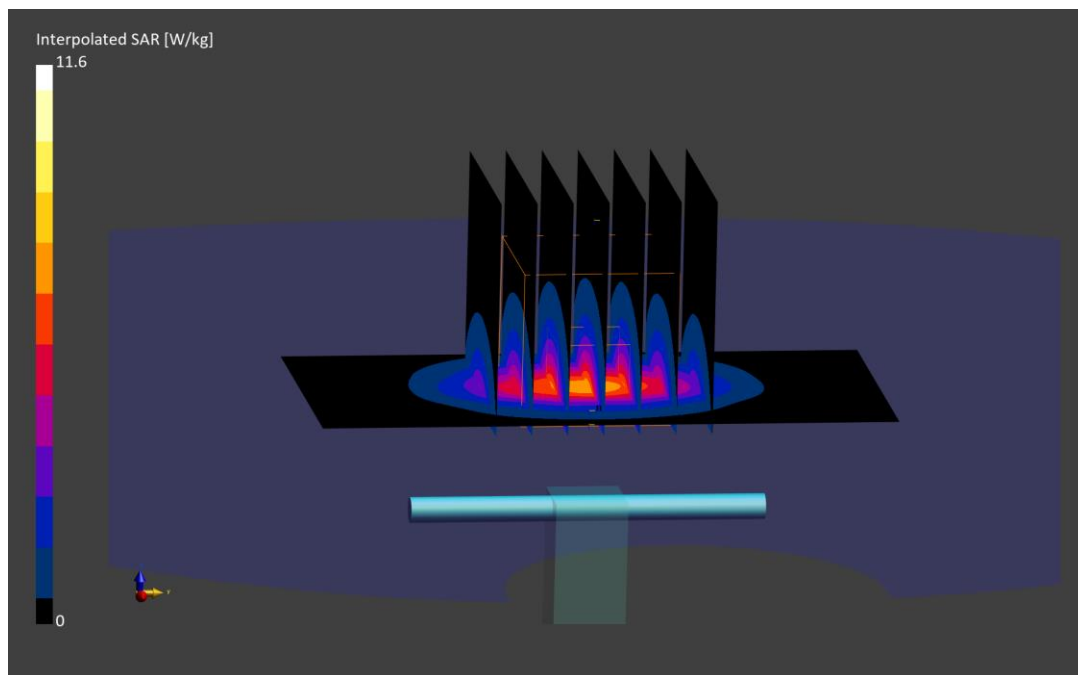
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): 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) = 5.66 W/kg; SAR(10 g) = 2.57 W/kg

Deviation (1 g) = 0.35%; Deviation (10 g) = 1.98%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1126

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.92 S/m; perm = 37.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/05/2023; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7490; ConvF:(6.9,6.9,6.9); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3500.0 MHz System Verification at 20.0 dBm (100 mW)

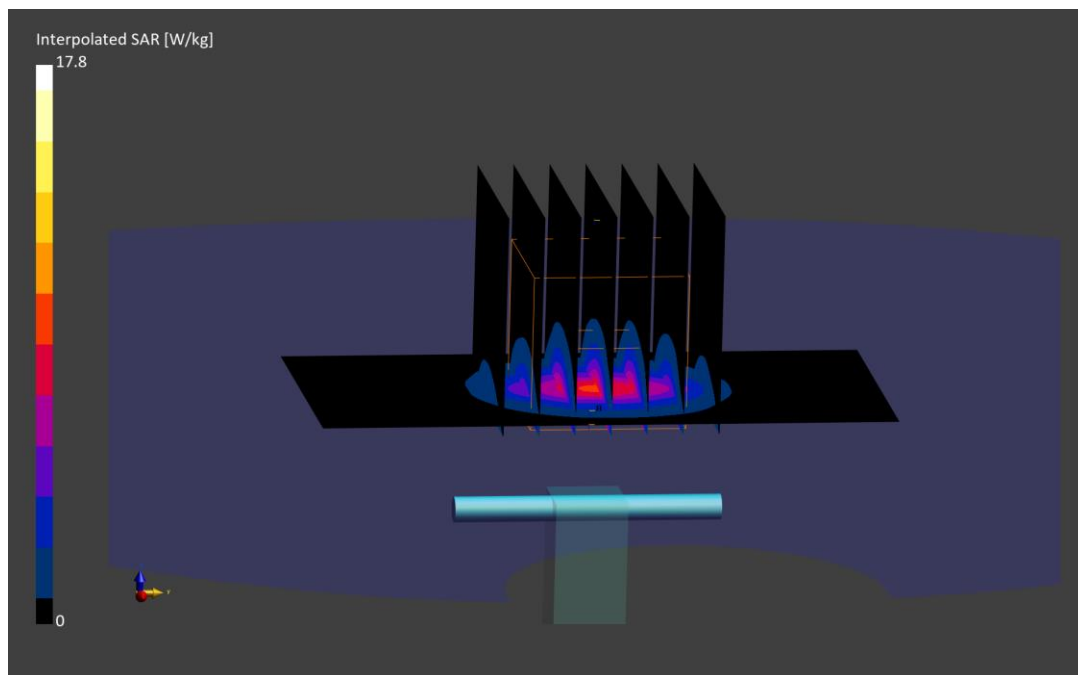
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 6.75 W/kg; SAR(10 g) = 2.55 W/kg

Deviation (1 g) = 0.75%; Deviation (10 g) = 2.00%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1059

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.81 S/m; perm = 38.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(6.96,6.96,6.96); 2023-06-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2023-06-15
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

3500.0 MHz System Verification at 20.0 dBm (100 mW)

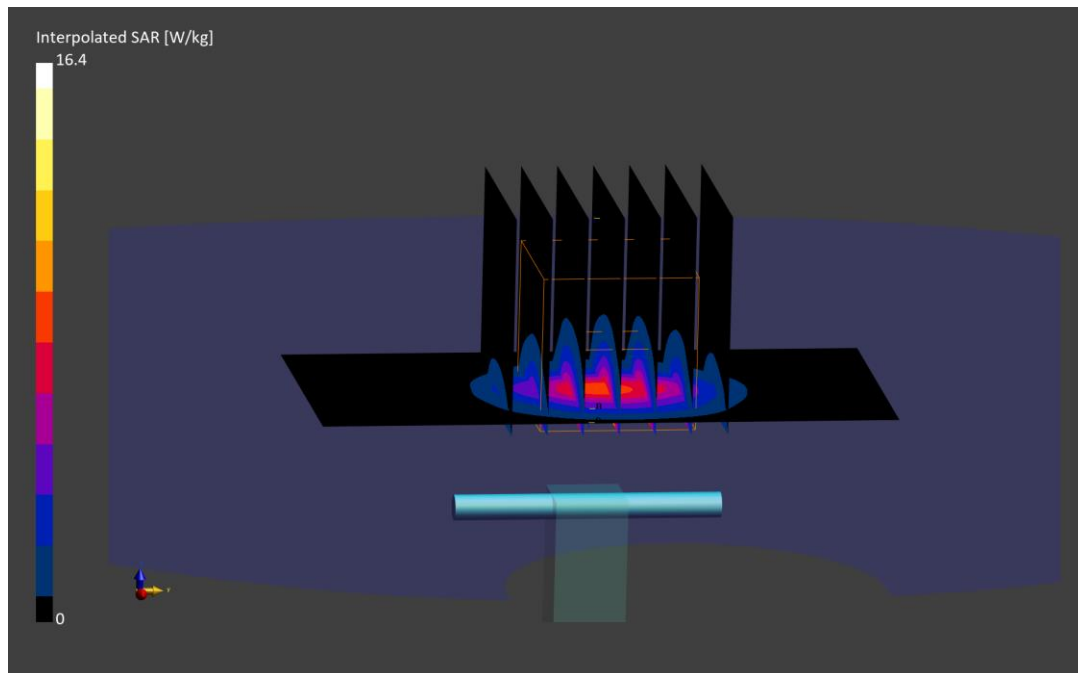
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 6.53 W/kg; SAR(10 g) = 2.52 W/kg

Deviation (1 g) = 2.51%; Deviation (10 g) = 5.44%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1126

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.93 S/m; perm = 36.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/09/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF:(6.9,6.9,6.9); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3500.0 MHz System Verification at 20.0 dBm (100 mW)

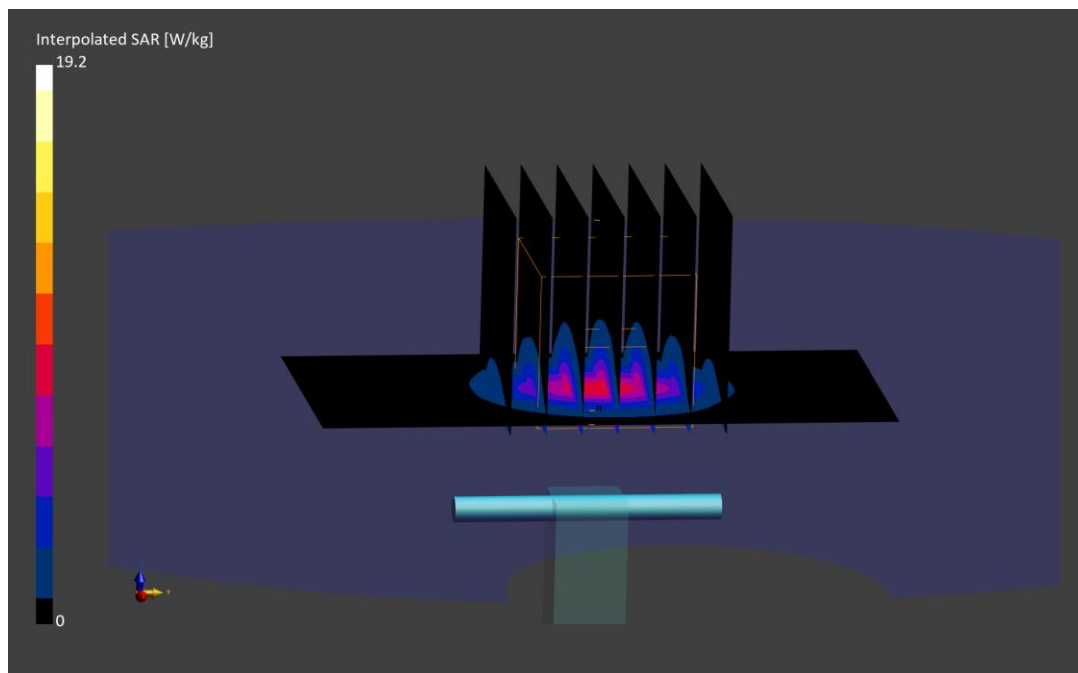
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.2 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.68 W/kg

Deviation (1 g) = 6.27%; Deviation (10 g) = 7.20%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1055

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.89 S/m; perm = 37.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/11/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7490; ConvF:(6.9,6.9,6.9); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3500.0 MHz System Verification at 20.0 dBm (100 mW)

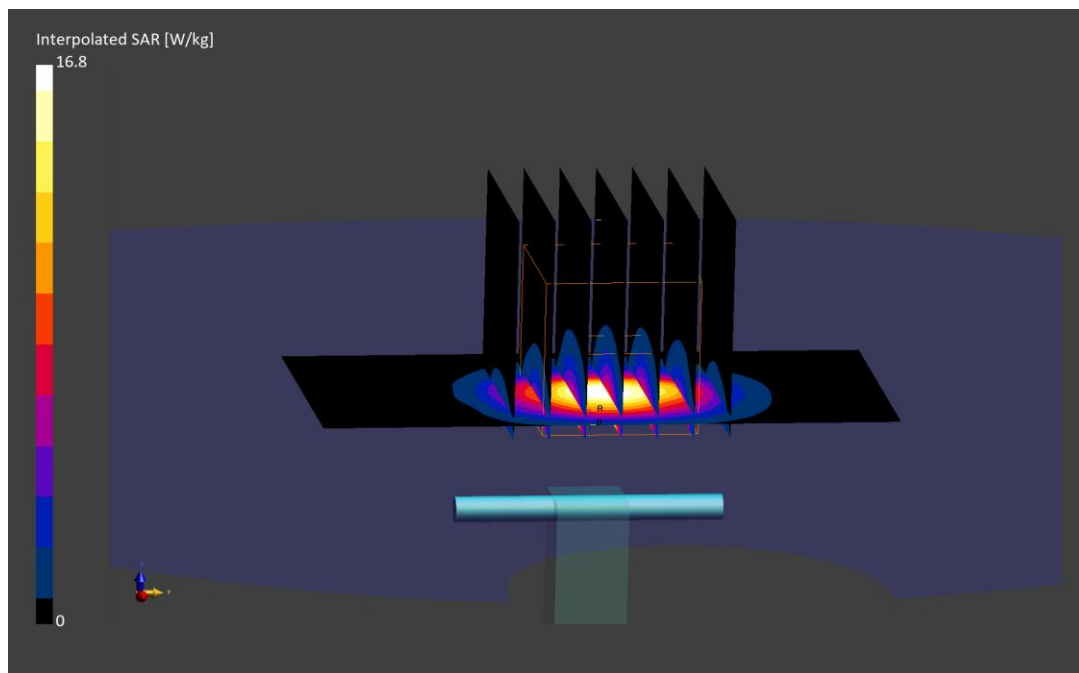
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 6.40 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -3.03%; Deviation (10 g) = -2.81%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1126

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.82 S/m; perm = 38.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/23/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7638; ConvF:(7.02,7.02,7.02); 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; 2023-03-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.2.0.1425

3500.0 MHz System Verification at 20.0 dBm (100 mW)

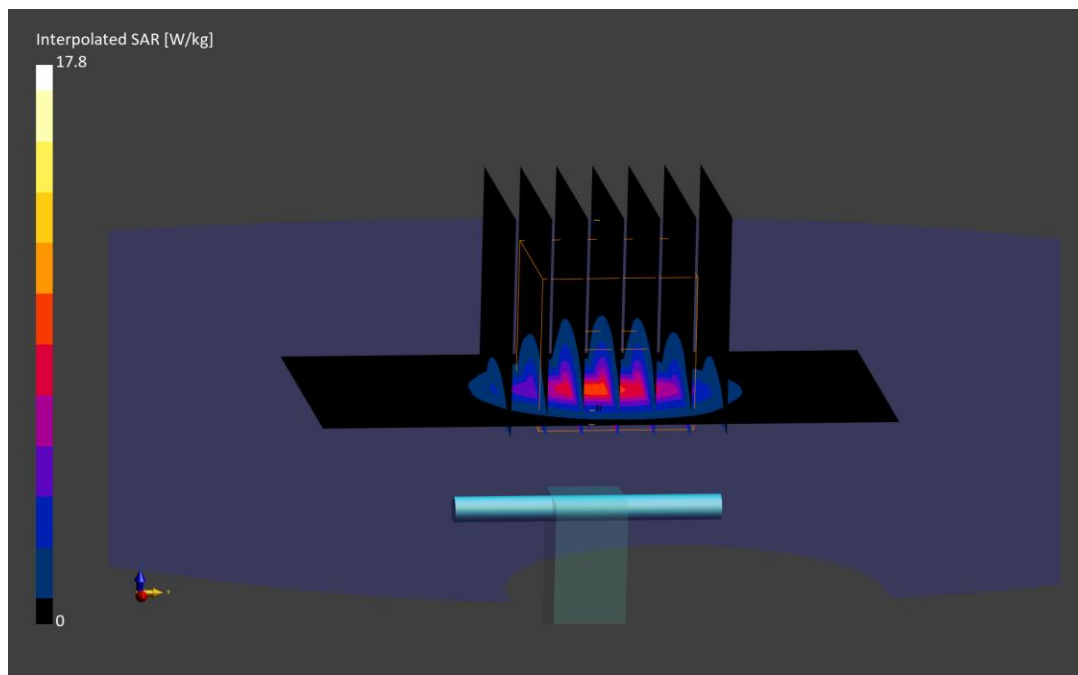
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 6.98 W/kg; SAR(10 g) = 2.66 W/kg

Deviation (1 g) = 4.18%; Deviation (10 g) = 6.40%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; cond = 3.07 S/m; perm = 36.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/05/2023; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7490; ConvF:(6.7,6.7,6.7); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3700.0 MHz System Verification at 20.0 dBm (100 mW)

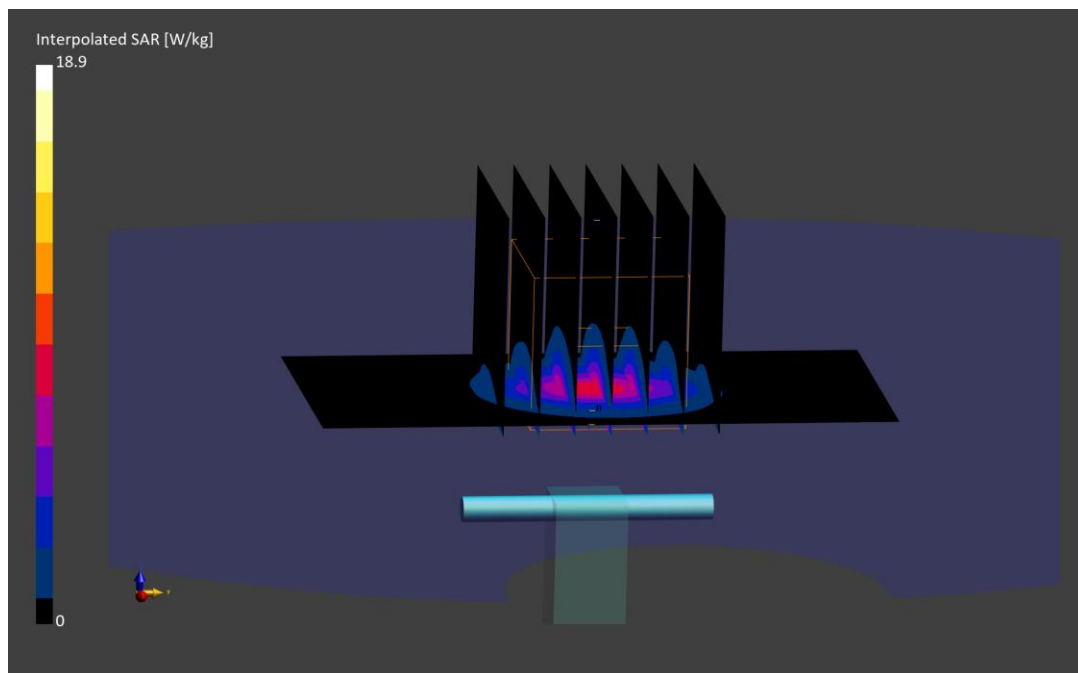
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 6.76 W/kg; SAR(10 g) = 2.49 W/kg

Deviation (1 g) = -0.73%; Deviation (10 g) = 1.63%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; cond = 3.01 S/m; perm = 38.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(6.92,6.92,6.92); 2023-06-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2023-06-15
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

3700.0 MHz System Verification at 20.0 dBm (100 mW)

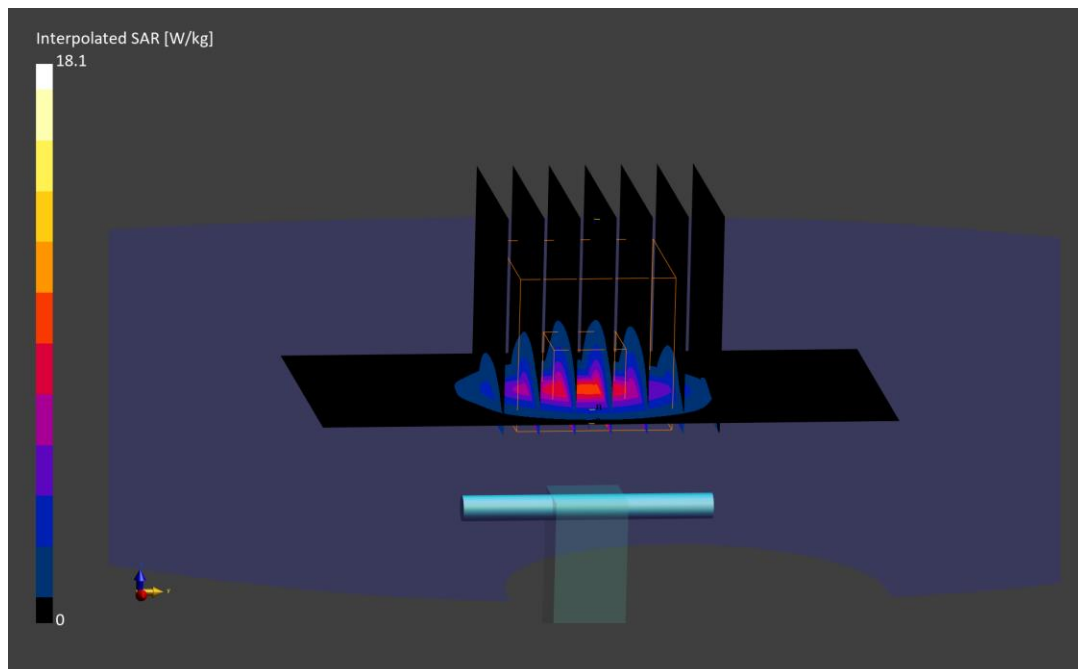
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 6.91 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 3.29%; Deviation (10 g) = 6.17%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; cond = 3.08 S/m; perm = 36.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/09/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF:(6.7,6.7,6.7); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3700.0 MHz System Verification at 20.0 dBm (100 mW)

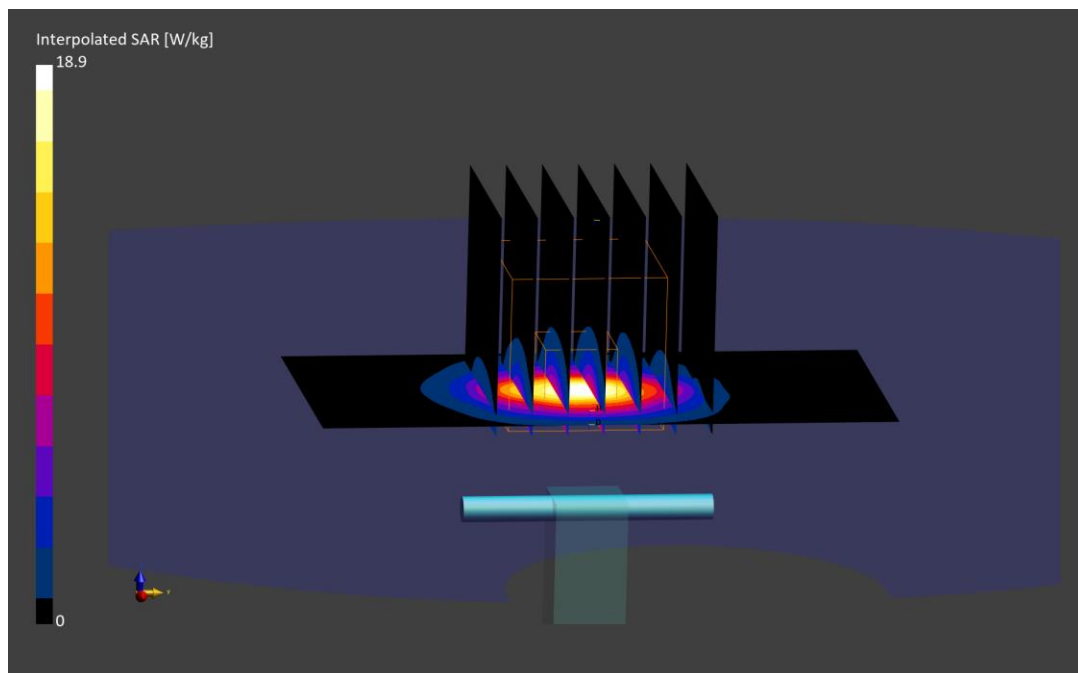
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 6.89 W/kg; SAR(10 g) = 2.54 W/kg

Deviation (1 g) = 1.17%; Deviation (10 g) = 3.67%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1002

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; cond = 3.05 S/m; perm = 37.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/11/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7490; ConvF:(6.7,6.7,6.7); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3700.0 MHz System Verification at 20.0 dBm (100 mW)

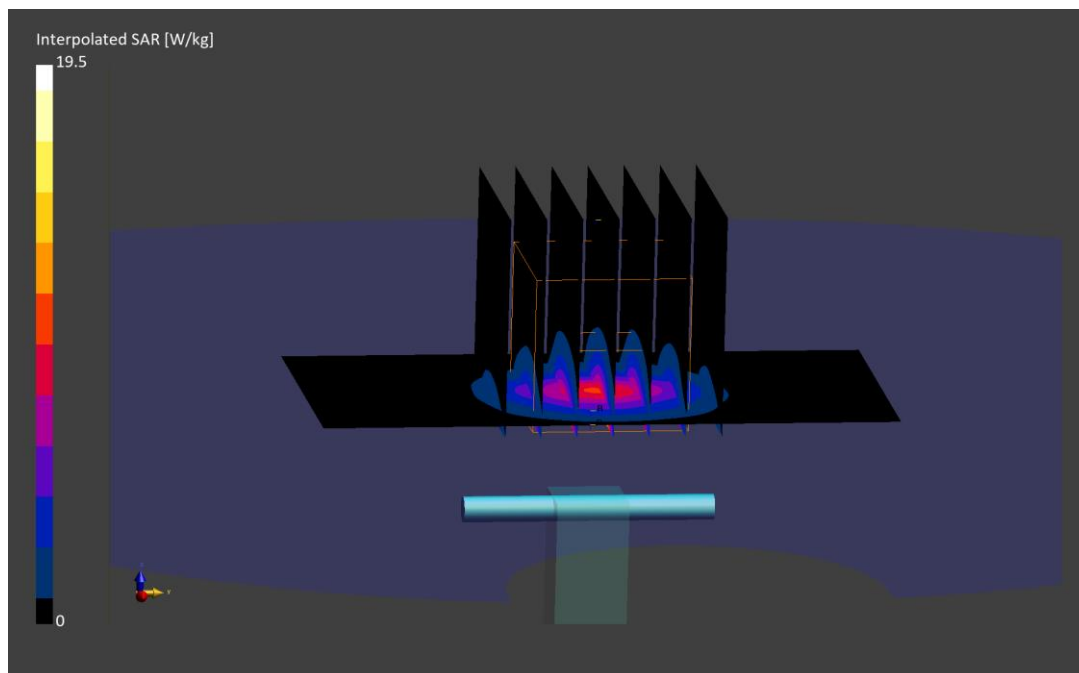
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.62 W/kg

Deviation (1 g) = 4.86%; Deviation (10 g) = 6.07%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; cond = 3.02 S/m; perm = 38.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/23/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7638; ConvF:(6.99,6.99,6.99); 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; 2023-03-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.2.0.1425

3700.0 MHz System Verification at 20.0 dBm (100 mW)

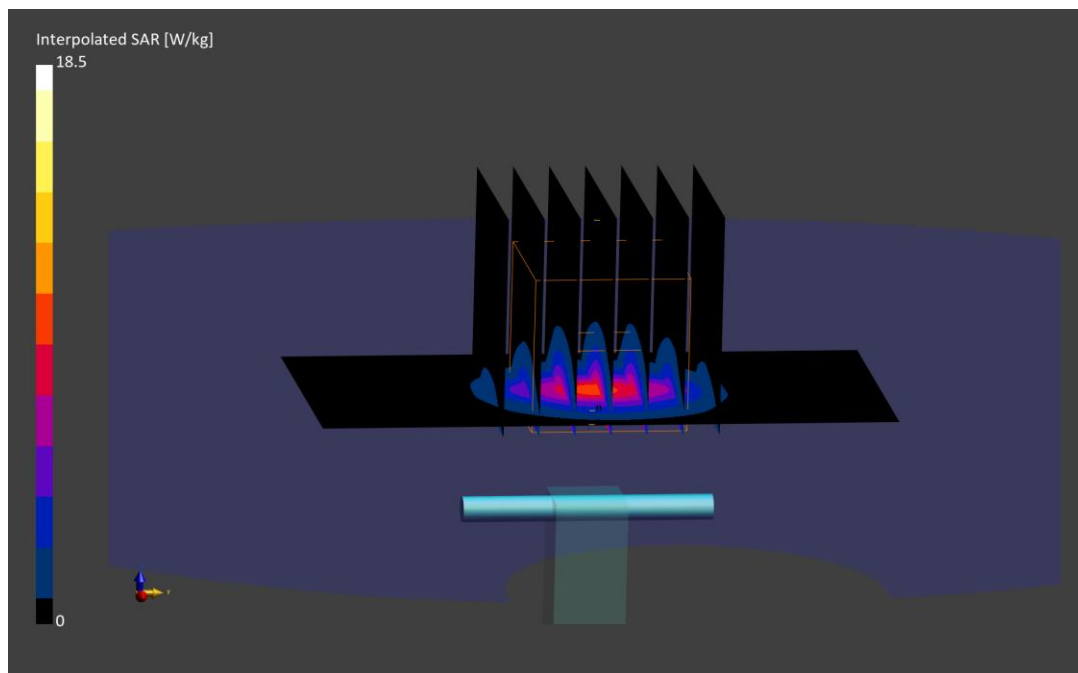
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 6.98 W/kg; SAR(10 g) = 2.57 W/kg

Deviation (1 g) = 2.50%; Deviation (10 g) = 4.90%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1062

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.0 MHz; cond = 3.21 S/m; perm = 36.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/11/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7490; ConvF:(6.6,6.6,6.6); 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

3900.0 MHz System Verification at 20.0 dBm (100 mW)

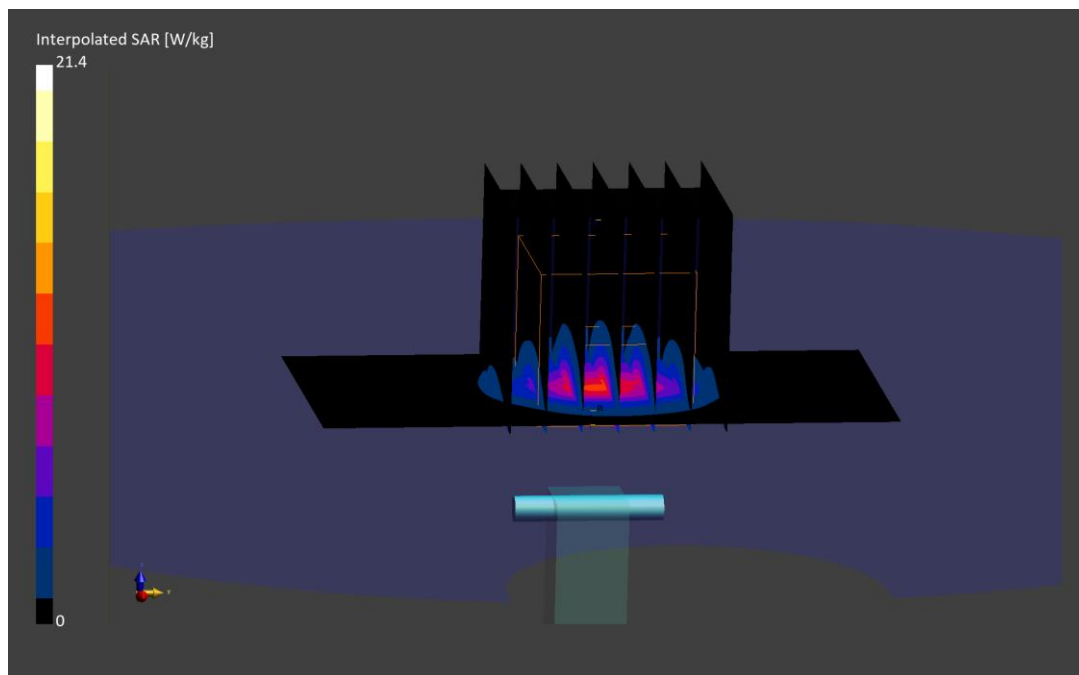
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 7.10 W/kg; SAR(10 g) = 2.50 W/kg

Deviation (1 g) = 3.50%; Deviation (10 g) = 5.04%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.0 MHz; cond = 4.60 S/m; perm = 35.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/07/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(5.61,5.61,5.61); 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2023-02-15
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.2.0.1425

5250.0 MHz System Verification at 17.0 dBm (50 mW)

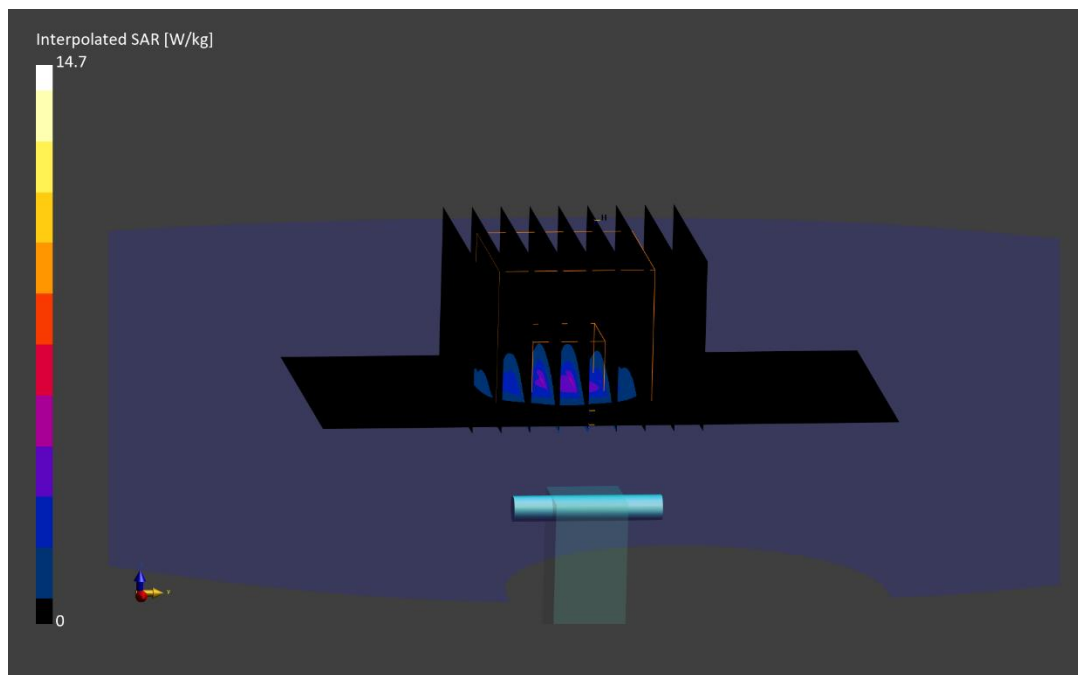
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (22.0 x 22.0 x 22.0): 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) = 3.72 W/kg; SAR(10 g) = 1.05 W/kg

Deviation (1 g) = -7.46%; Deviation (10 g) = -9.09%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.0 MHz; cond = 4.50 S/m; perm = 35.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/10/2023; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(5.52,5.52,5.52); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

5250.0 MHz System Verification at 17.0 dBm (50 mW)

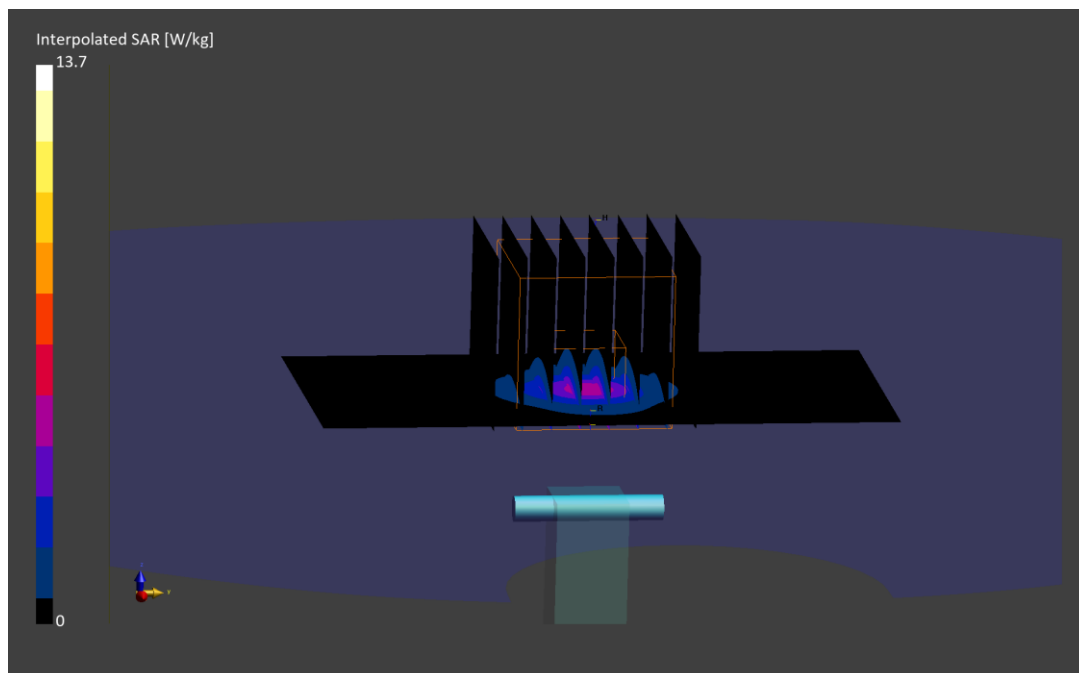
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.06 W/kg

Deviation (1 g) = -9.45%; Deviation (10 g) = -8.23%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.0 MHz; cond = 5.00 S/m; perm = 34.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 10/07/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(4.99,4.99,4.99); 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2023-02-15
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.2.0.1425

5600.0 MHz System Verification at 17.0 dBm (50 mW)

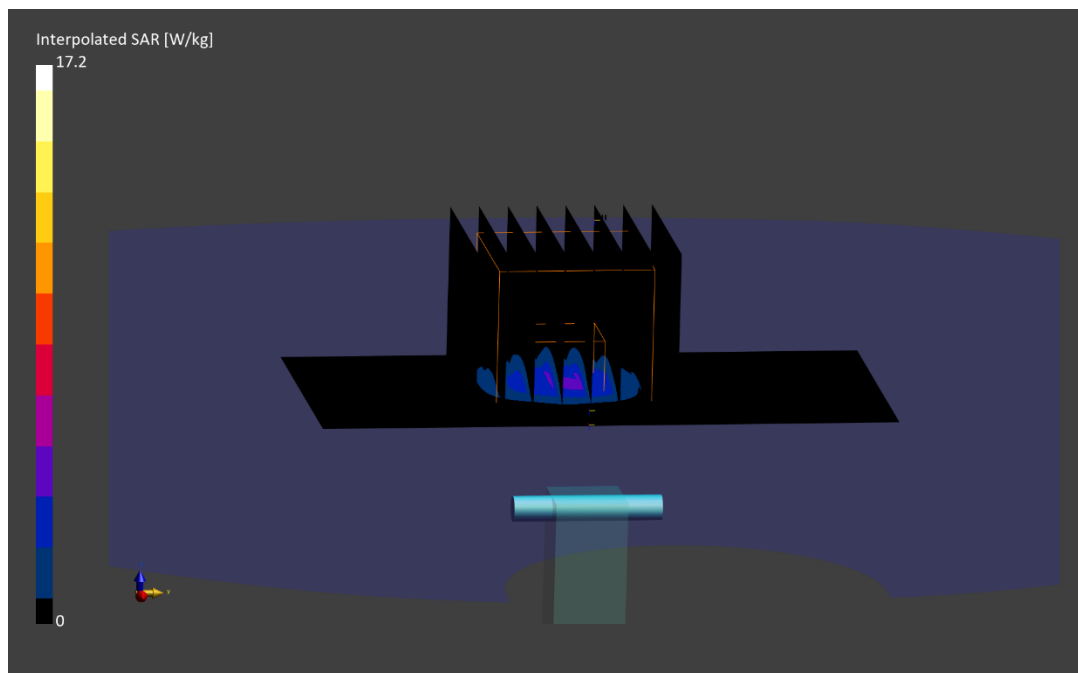
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 4.06 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = -0.85%; Deviation (10 g) = -2.15%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.0 MHz; cond = 4.91 S/m; perm = 34.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/10/2023; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(4.84,4.84,4.84); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

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 (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = -0.61%; Deviation (10 g) = 0.43%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.0 MHz; cond = 5.17 S/m; perm = 34.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/07/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(5.13,5.13,5.13); 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2023-02-15
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.2.0.1425

5750.0 MHz System Verification at 17.0 dBm (50 mW)

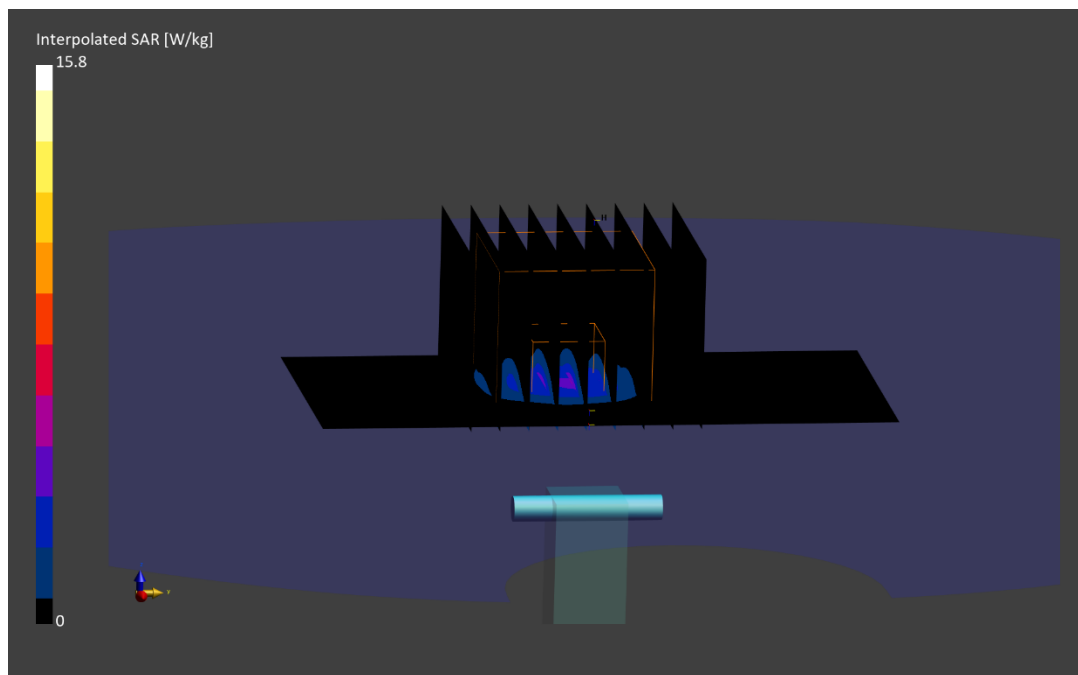
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 3.69 W/kg; SAR(10 g) = 1.05 W/kg

Deviation (1 g) = -5.87%; Deviation (10 g) = -5.83%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.0 MHz; cond = 5.08 S/m; perm = 34.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/10/2023; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(4.92,4.92,4.92); 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

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 (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 1.09 W/kg

Deviation (1 g) = -2.81%; Deviation (10 g) = -2.24%

