

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; $\text{cond} = 0.762$ S/m; $\text{perm} = 52.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0 mm

Test Date: 06/09/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7527; ConvF:(17.78,17.78,17.78); Calibrated: 2022-03-21

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

Electronics: DAE4 Sn1272; Calibrated: 2022-03-16

Phantom: ELI V8.0; Serial: 2077

Measurement SW: DASY Module SAR V16.0.2.136

13.0 MHz System Verification at 30.0 dBm (1000 mW)

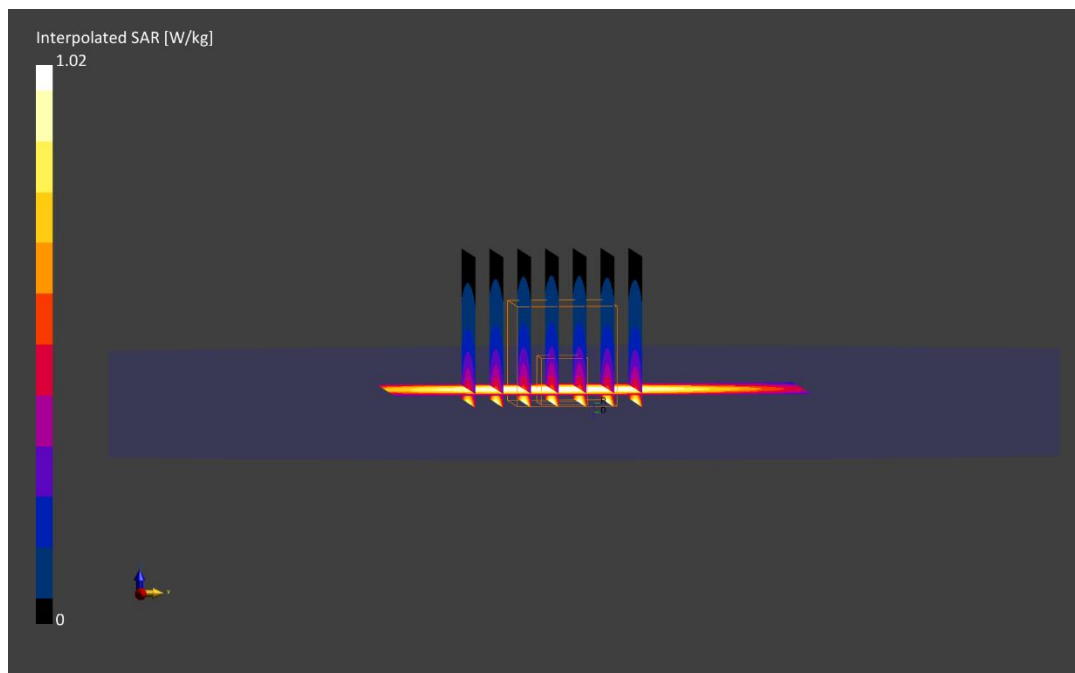
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 1.02 W/kg

SAR(10 g) = 0.317 W/kg

Deviation (10 g) = -7.85%



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; $\text{cond} = 0.904$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 04/28/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

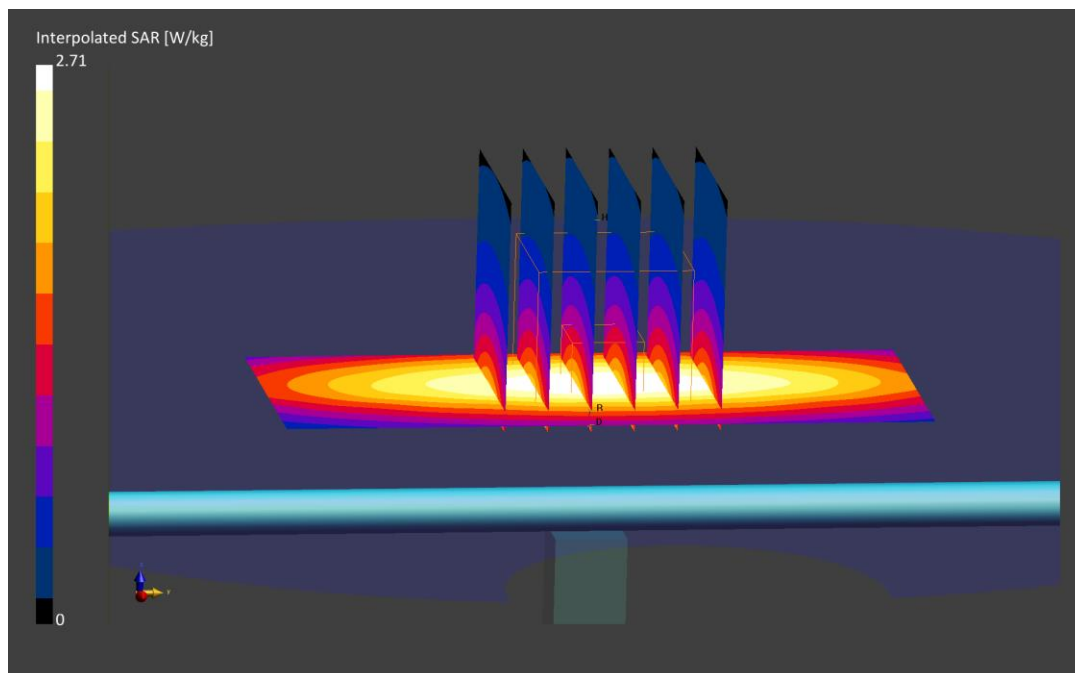
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.71 W/kg

SAR(1 g) = 1.75 W/kg

Deviation (1 g) = 2.46%



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; $\text{cond} = 0.902$ S/m; $\text{perm} = 40.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/03/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

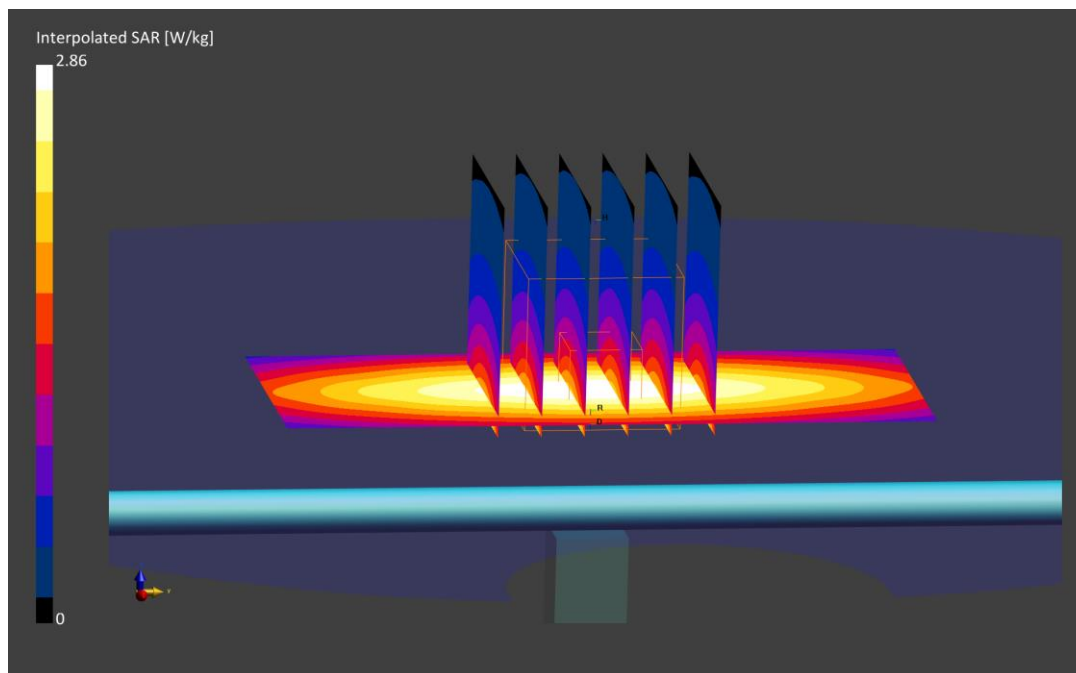
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.86 W/kg

SAR(1 g) = 1.77 W/kg

Deviation (1 g) = 3.63%



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; $\text{cond} = 0.917$ S/m; $\text{perm} = 41.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/10/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

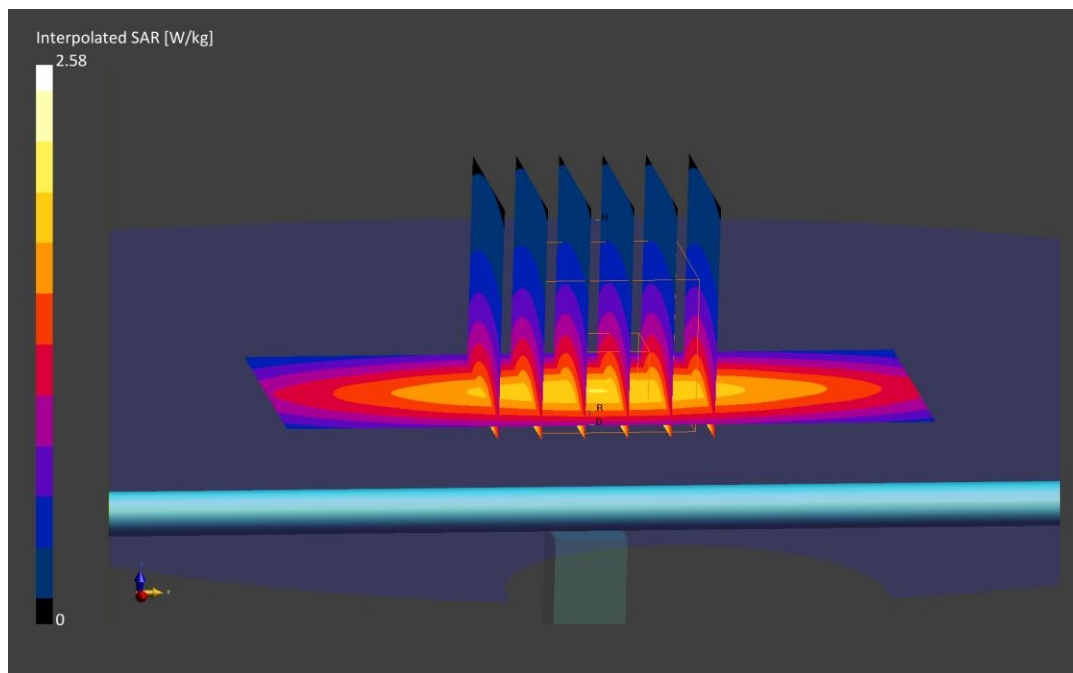
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.57 W/kg

SAR(1 g) = 1.67 W/kg

Deviation (1 g) = -2.22%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.910$ S/m; $\text{perm} = 42.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/31/2022; Ambient Temp: 24.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7670; ConvF:(9.86,9.86,9.86); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

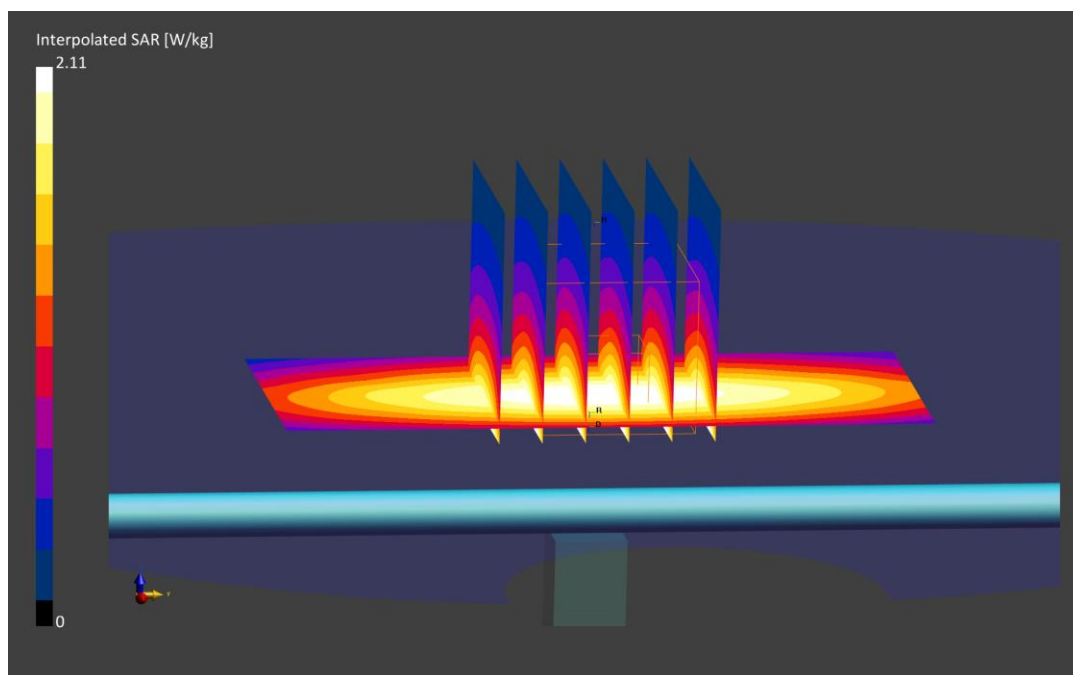
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.77 W/kg

SAR(1 g) = 1.80 W/kg

Deviation (1 g) = 5.63%



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; $\text{cond} = 0.944$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 04/27/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

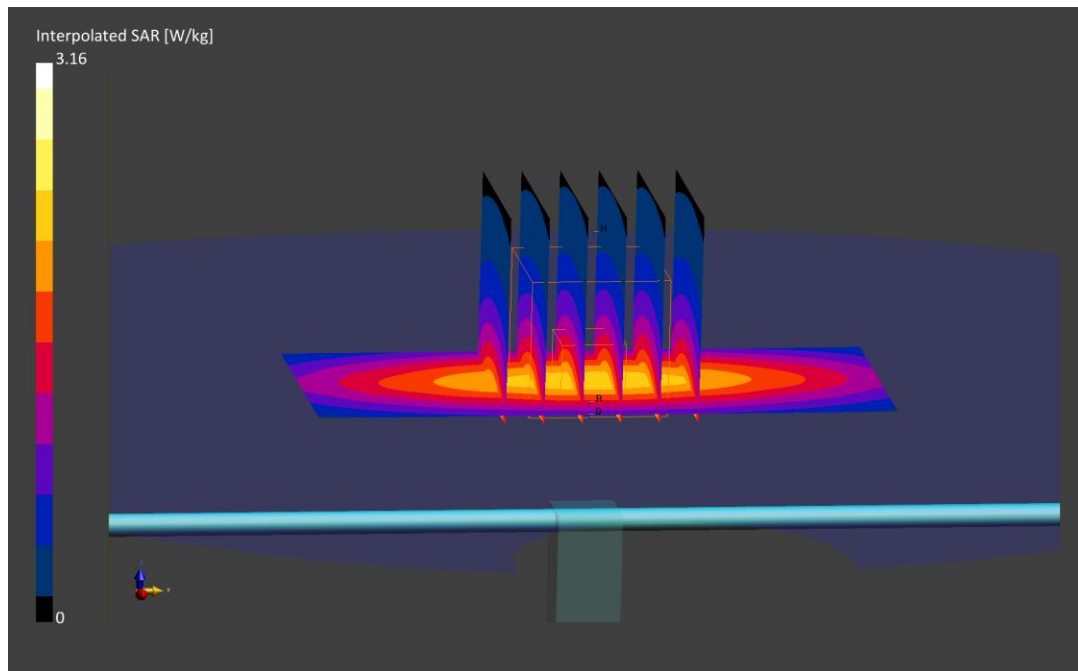
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.16 W/kg

SAR(1 g) = 1.98 W/kg

Deviation (1 g) = 4.76%



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; $\text{cond} = 0.944$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/02/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

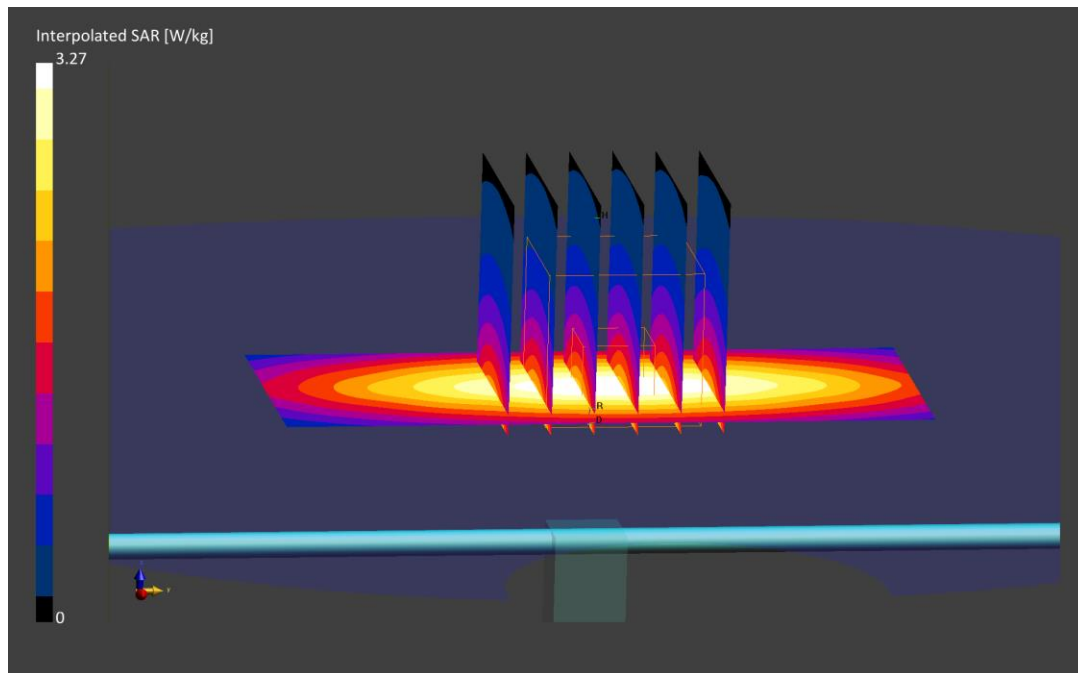
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.27 W/kg

SAR(1 g) = 2.04 W/kg

Deviation (1 g) = 7.94%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Head; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.942$ S/m; $\text{perm} = 40.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/16/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

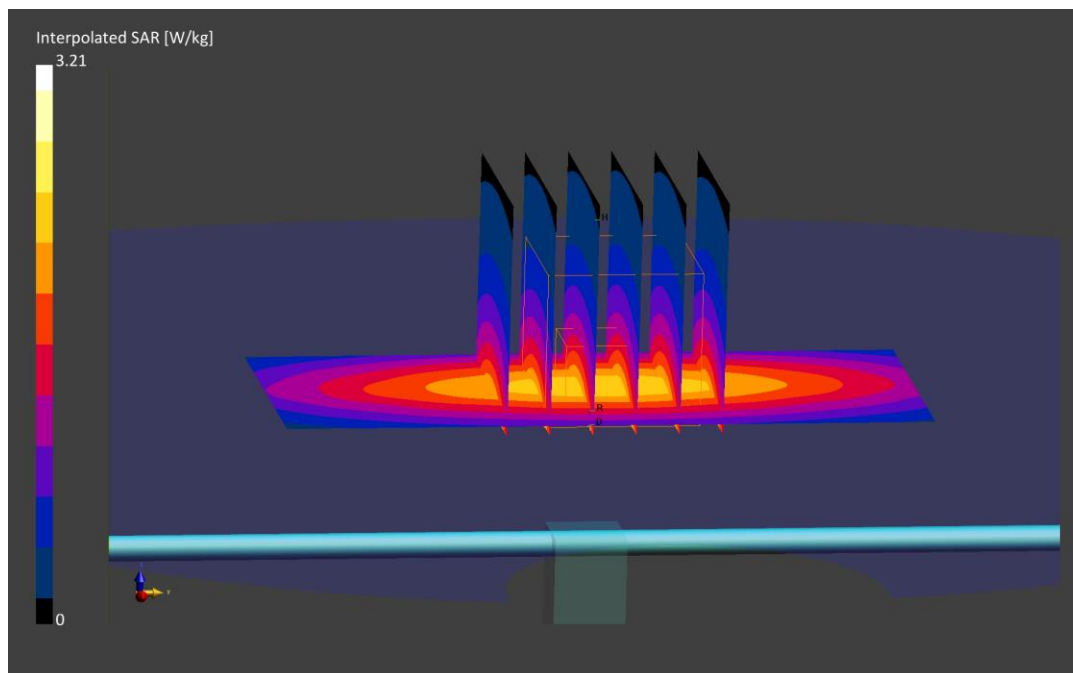
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.01 W/kg

Deviation (1 g) = 4.04%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Head; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.944$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/18/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

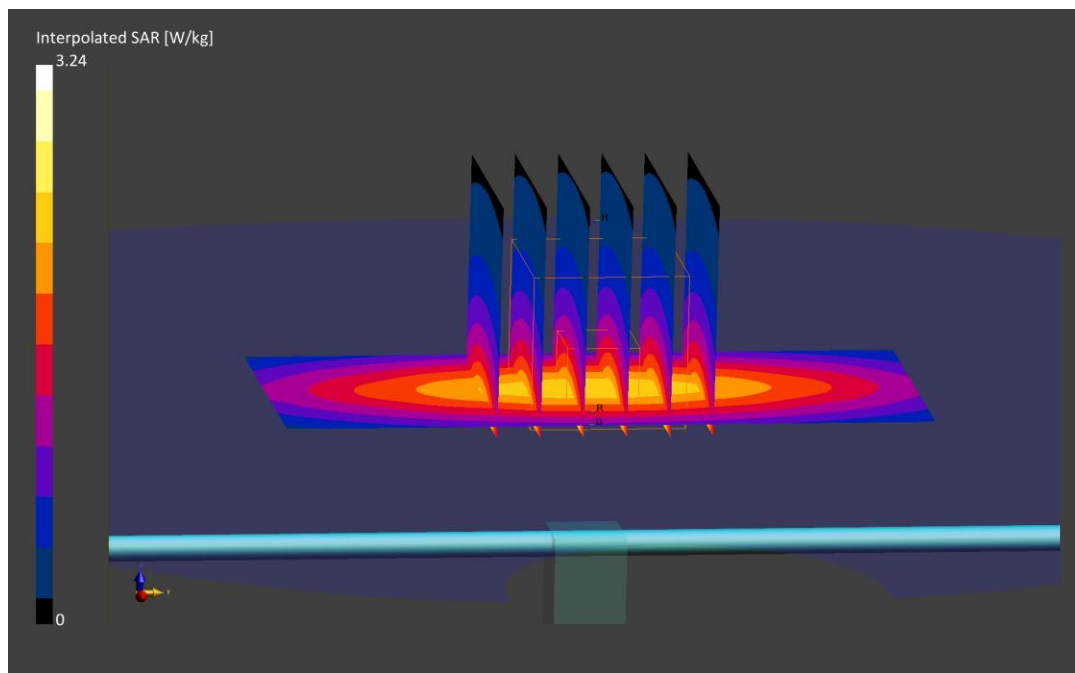
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.24 W/kg

SAR(1 g) = 2.04 W/kg

Deviation (1 g) = 6.11%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d132

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

Medium: 835 Head; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.940$ S/m; $\text{perm} = 43.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/02/2022; Ambient Temp: 24.6°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7670; ConvF:(9.64,9.64,9.64); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

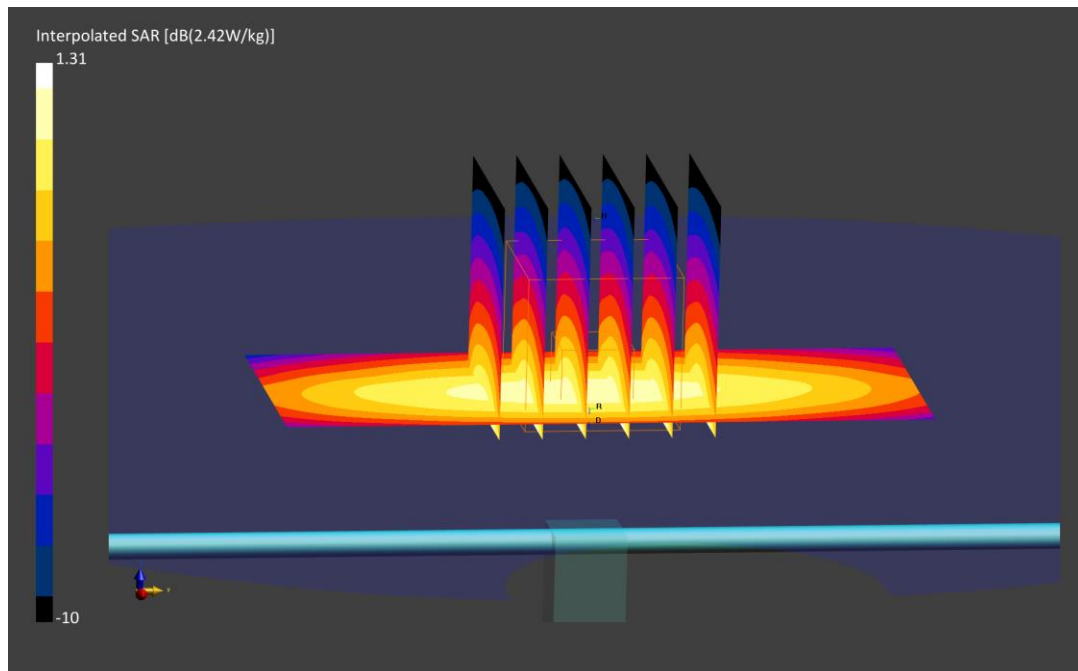
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.27 W/kg

SAR(1 g) = 2.07 W/kg

Deviation (1 g) = 7.25%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

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

Medium: 1750 Head; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.33$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/20/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3914; ConvF:(8.27,8.27,8.27); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0; Serial: 1873

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

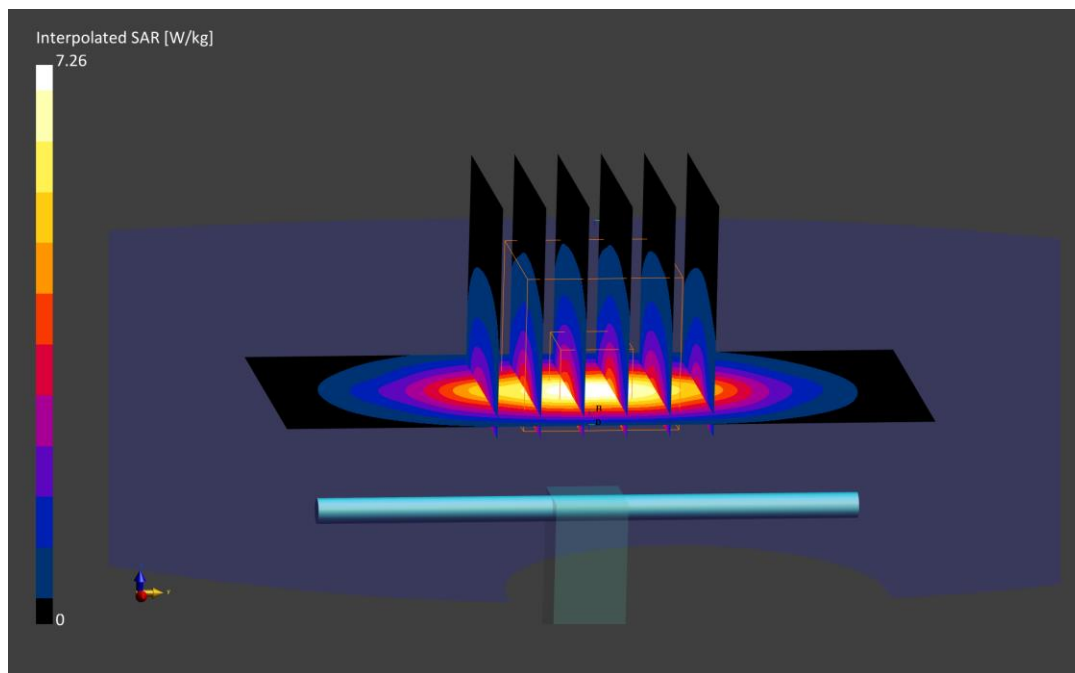
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.26 W/kg

SAR(1 g) = 3.86 W/kg

Deviation (1 g) = 3.21%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

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

Medium: 1750 Head; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.33$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/09/2022; Ambient Temp: 24.4°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.53,8.53,8.53); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

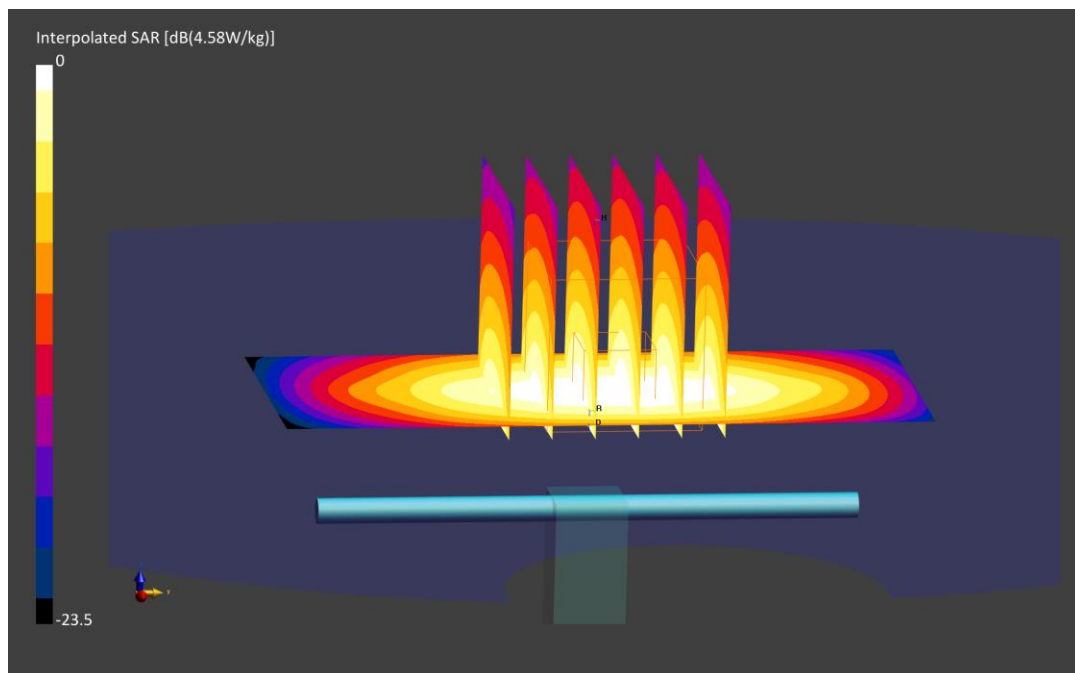
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.93 W/kg

SAR(1 g) = 3.68 W/kg

Deviation (1 g) = -1.60%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.45$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/24/2022; Ambient Temp: 21.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7527; ConvF:(7.77,7.77,7.77); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

1900 MHz System Verification at 20 dBm (100 mW)

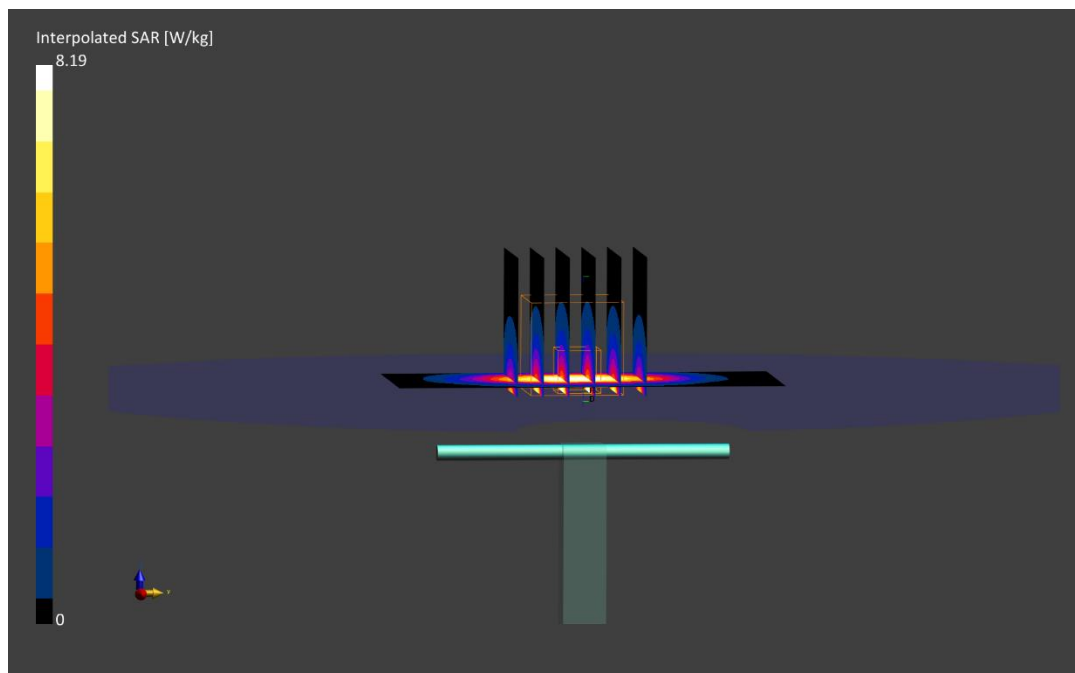
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 8.18 W/kg

SAR(1 g) = 4.23 W/kg

Deviation (1 g) = 4.44%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.41 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/12/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7670; ConvF:(8.27,8.27,8.27); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

1900 MHz System Verification at 20 dBm (100 mW)

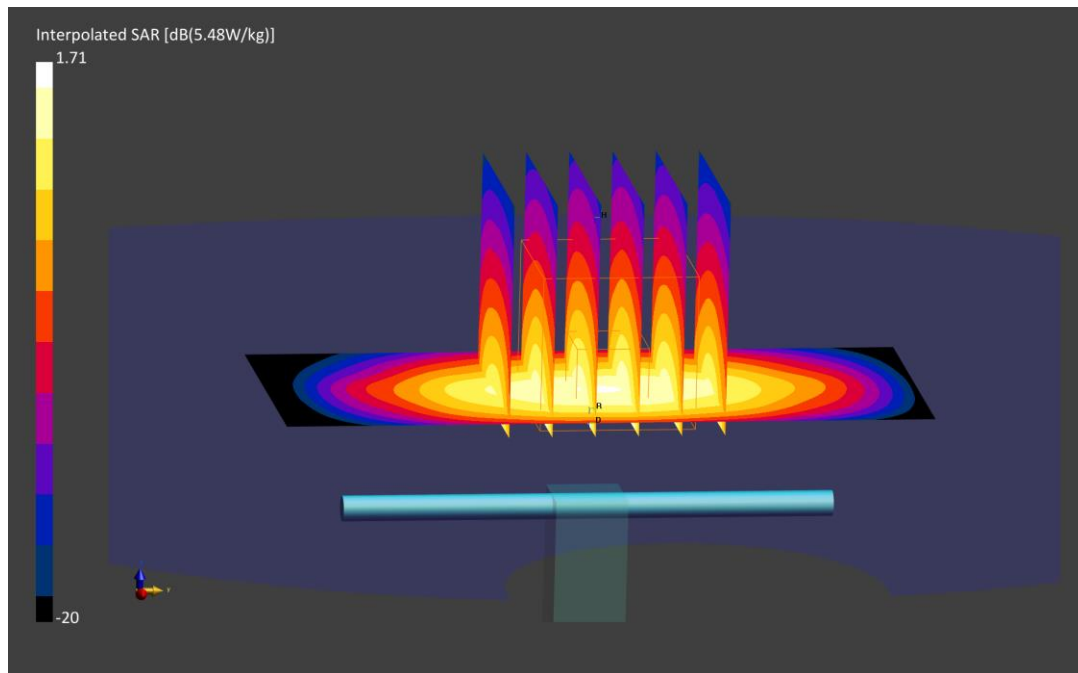
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 4.25 W/kg

Deviation (1 g) = 5.99%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 – SN1073

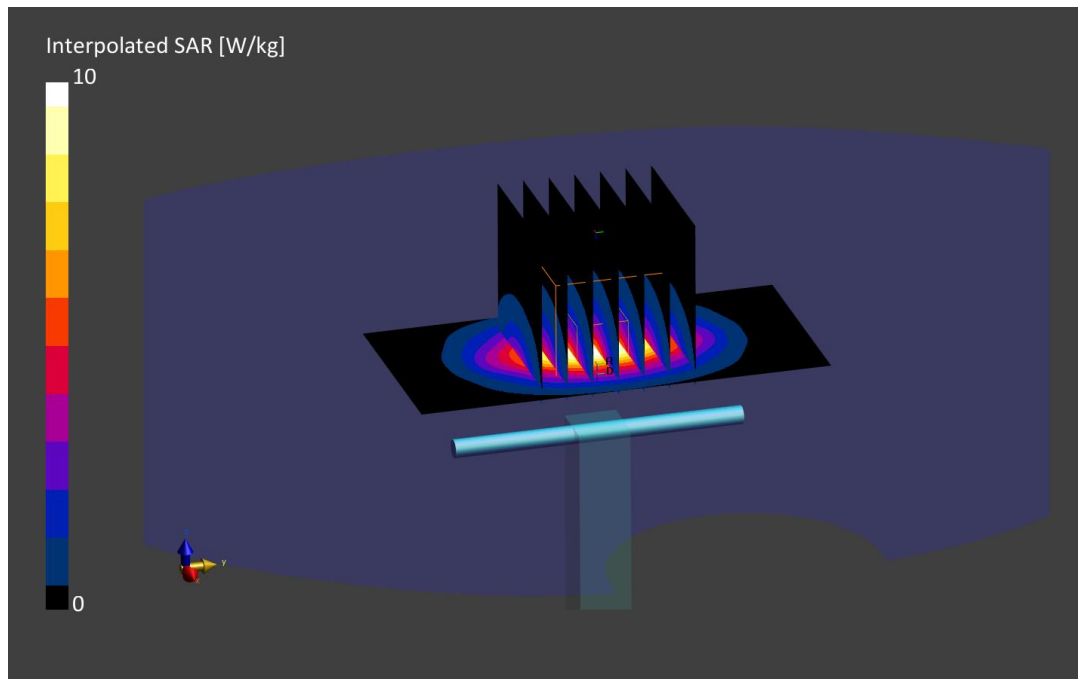
Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2300.0$ MHz; $\text{cond} = 1.70$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/11/2022; Ambient Temp: 24.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.82,7.82,7.82); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

2300 MHz System Verification at 20 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) = 10.0 W/kg
SAR(1 g) = 4.81 W/kg
Deviation (1 g) = -2.83%



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; $\text{cond} = 1.66$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/15/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7410; ConvF:(7.82,7.82,7.82); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

2300 MHz System Verification at 20 dBm (100 mW)

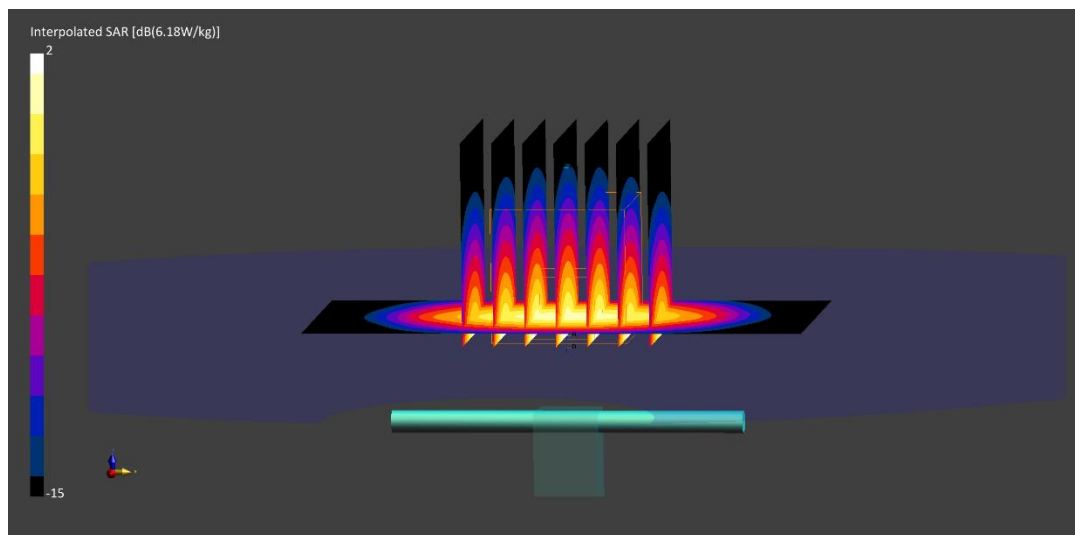
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.1 W/kg

SAR(1 g) = 4.80 W/kg

Deviation (1 g) = -3.23%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN719

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

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 40.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/11/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.58,7.58,7.58); Calibrated: 2022-01-19

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

Electronics: DAE4 Sn1558; Calibrated: 2022-01-14

Phantom: Twin-SAM V8.0; Serial: 20063

Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

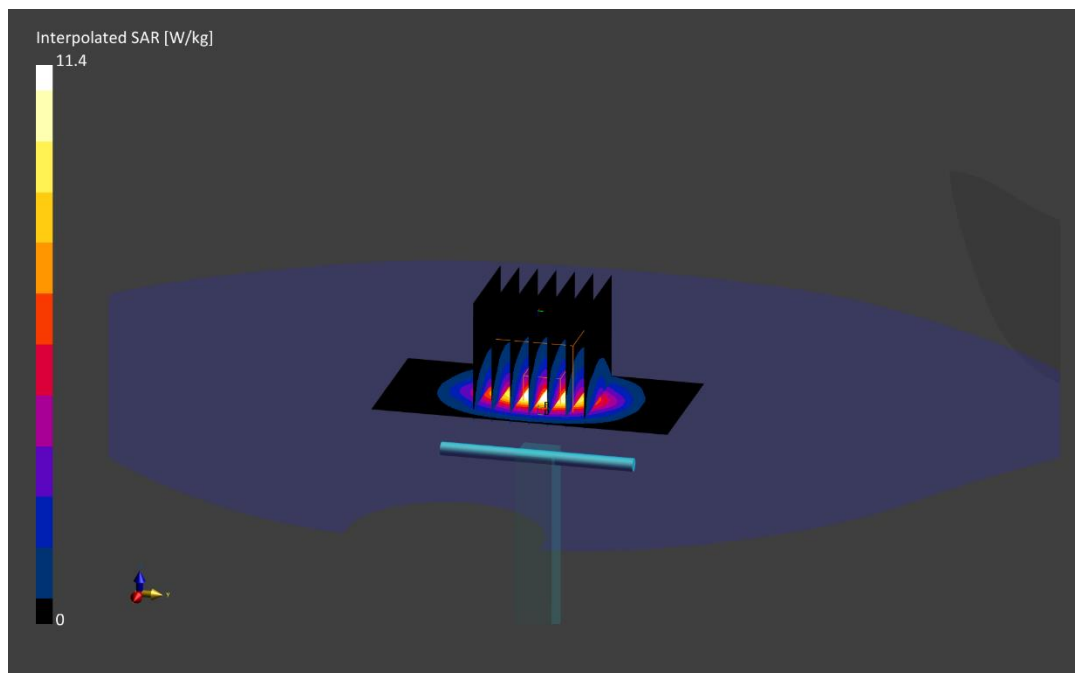
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.4 W/kg

SAR(1 g) = 5.46 W/kg

Deviation (1 g) = -0.73%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN797

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

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.77$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/05/2022; Ambient Temp: 22.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF:(7.46,7.46,7.46); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

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

Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

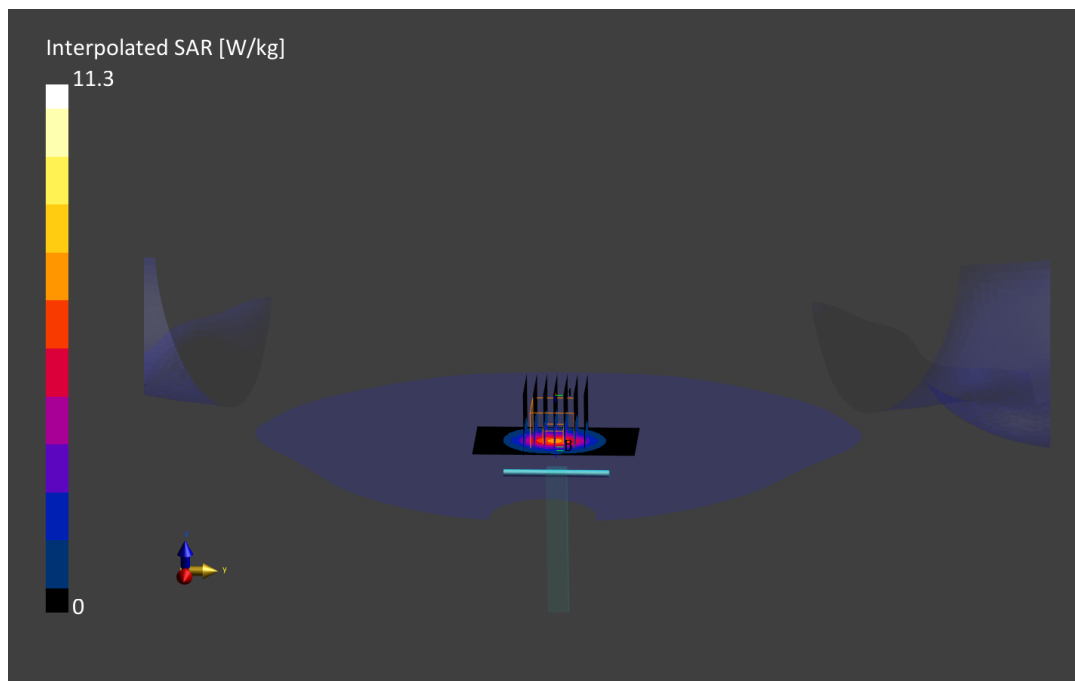
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.3 W/kg

SAR(1 g) = 5.34 W/kg

Deviation (1 g) = 1.91%



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; $\text{cond} = 1.87$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/08/2022; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.46,7.46,7.46); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

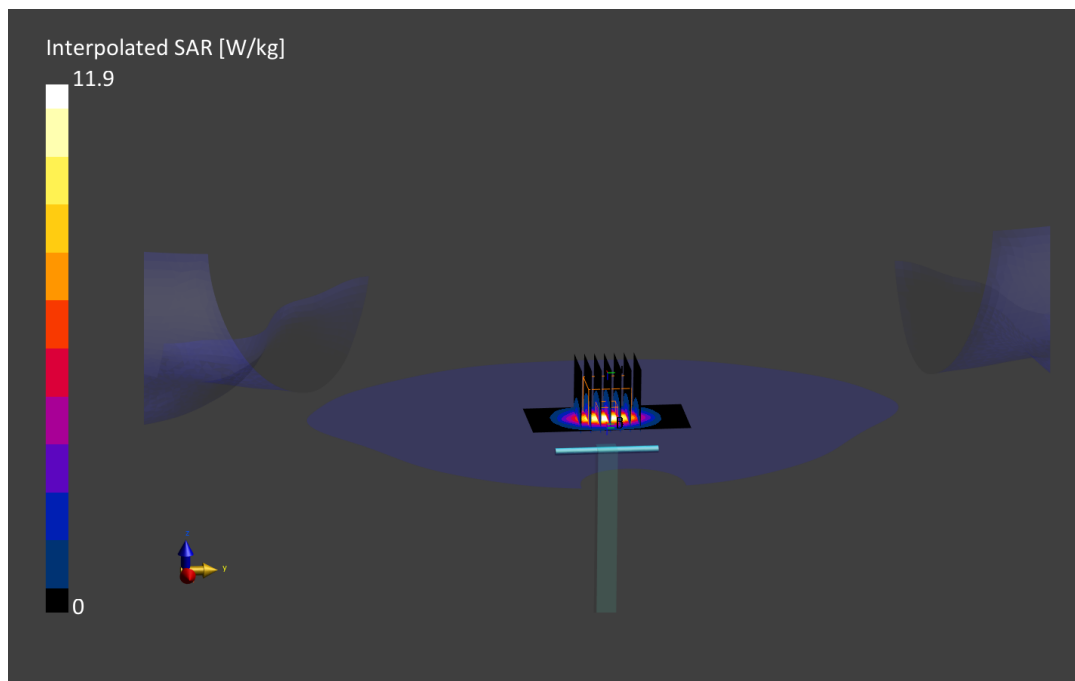
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.51 W/kg

Deviation (1 g) = 2.23%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

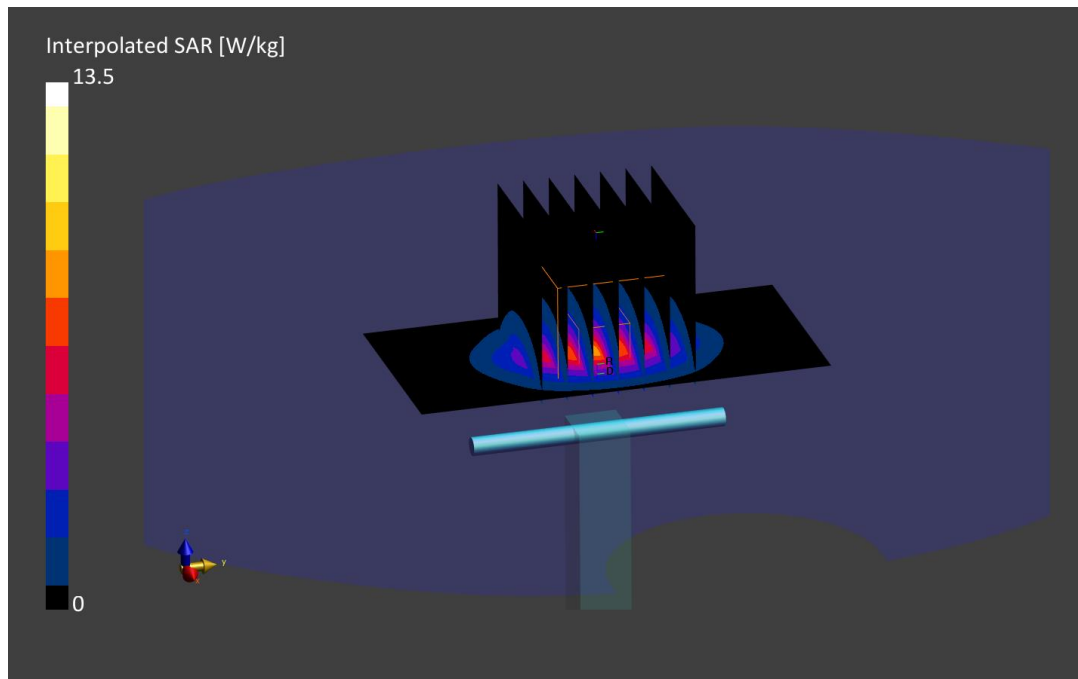
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; cond = 2.02 S/m; perm = 38.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/11/2022; Ambient Temp: 24.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 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) = 13.5 W/kg
SAR(1 g) = 6.08 W/kg
Deviation (1 g) = 4.65%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

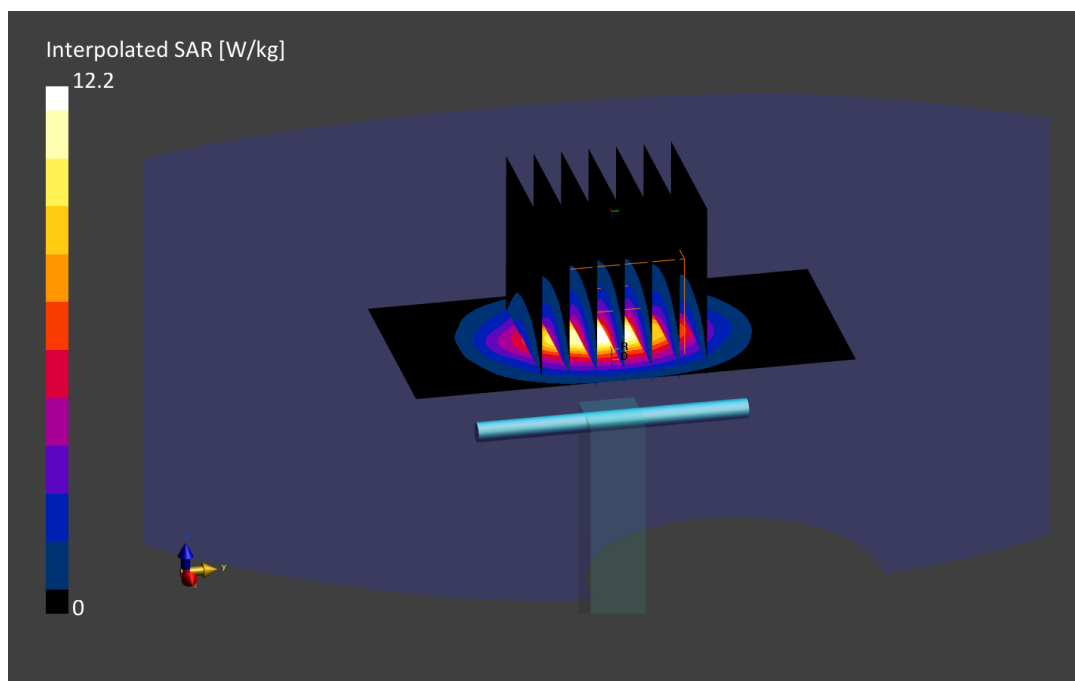
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.02$ S/m; $\text{perm} = 38.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2022; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 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) = 12.2 W/kg
SAR(1 g) = 5.51 W/kg
Deviation (1 g) = -5.16%



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; $\text{cond} = 1.93$ S/m; $\text{perm} = 38.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/05/2022; Ambient Temp: 22.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

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

Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

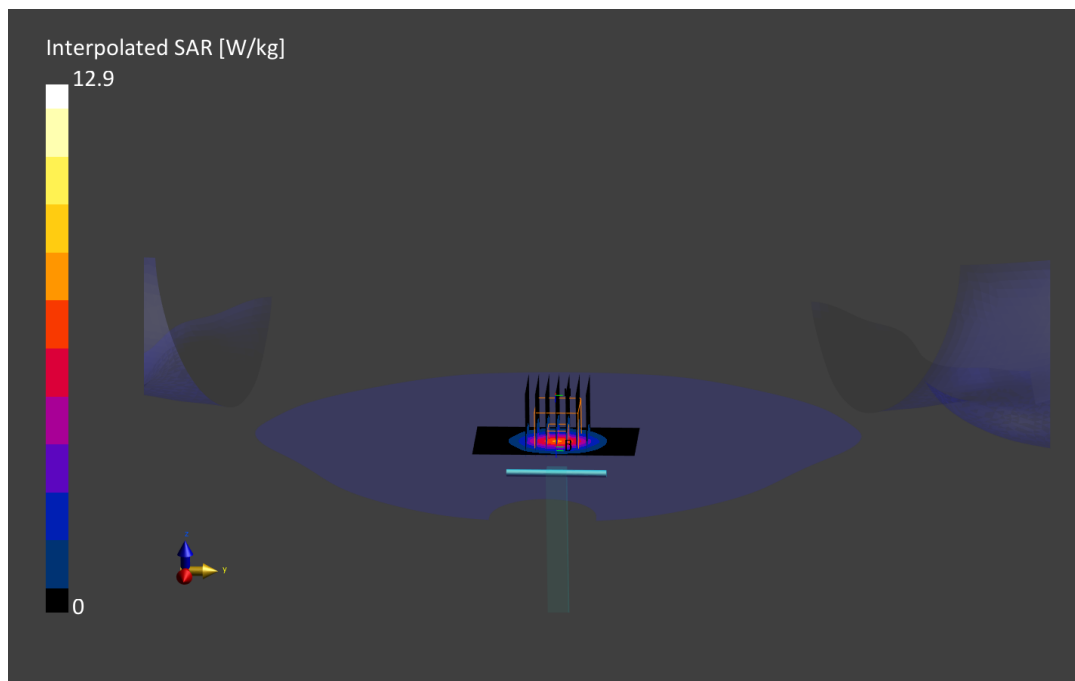
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.9 W/kg

SAR(1 g) = 5.68 W/kg

Deviation (1 g) = -2.24%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.03$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/08/2022; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

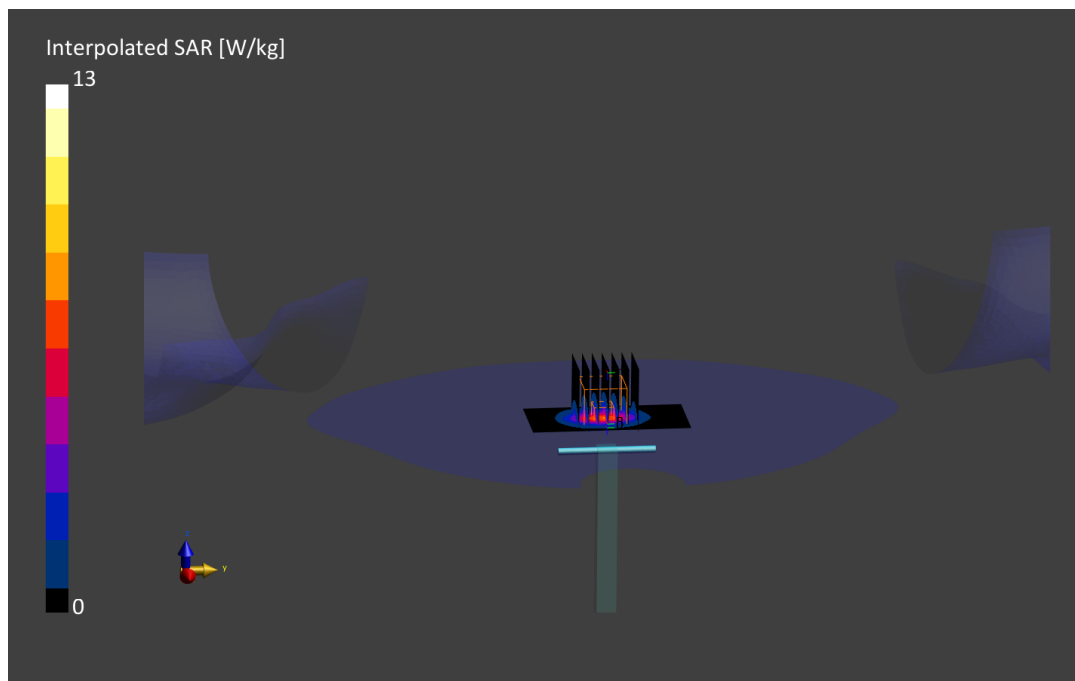
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 13.0 W/kg

SAR(1 g) = 5.82 W/kg

Deviation (1 g) = 3.74%



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; $\text{cond} = 2.78$ S/m; $\text{perm} = 39.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/24/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7670; ConvF:(7.14,7.14,7.14); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

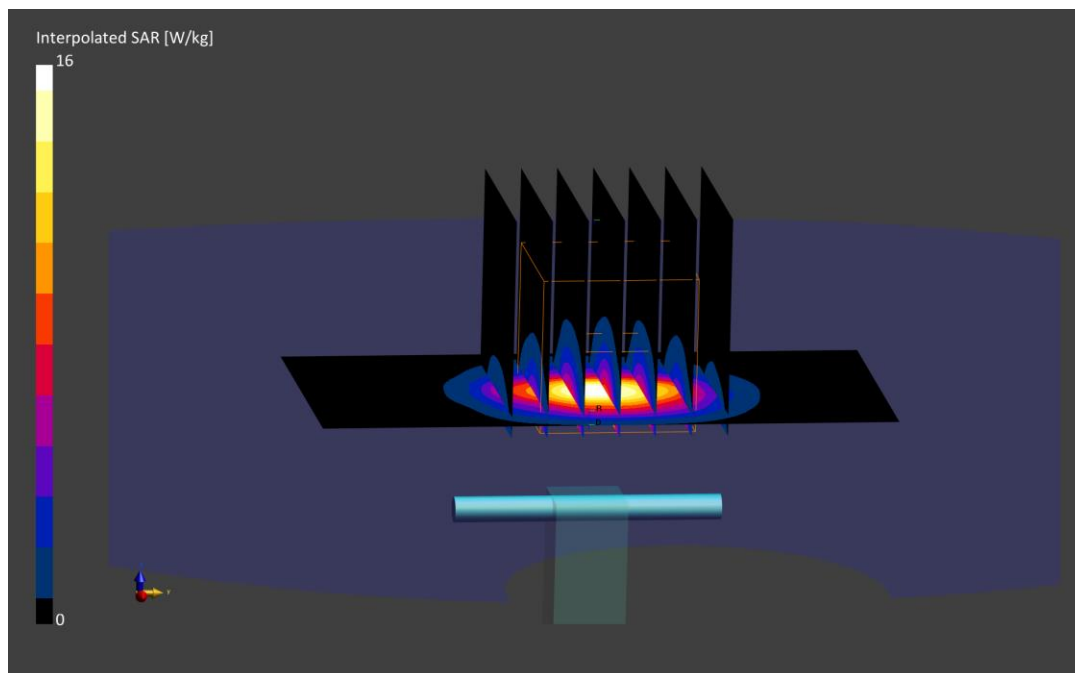
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 16.0 W/kg

SAR(1 g) = 6.41 W/kg

Deviation (1 g) = 0.63%



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; $\text{cond} = 2.81$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7670; ConvF:(7.14,7.14,7.14); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

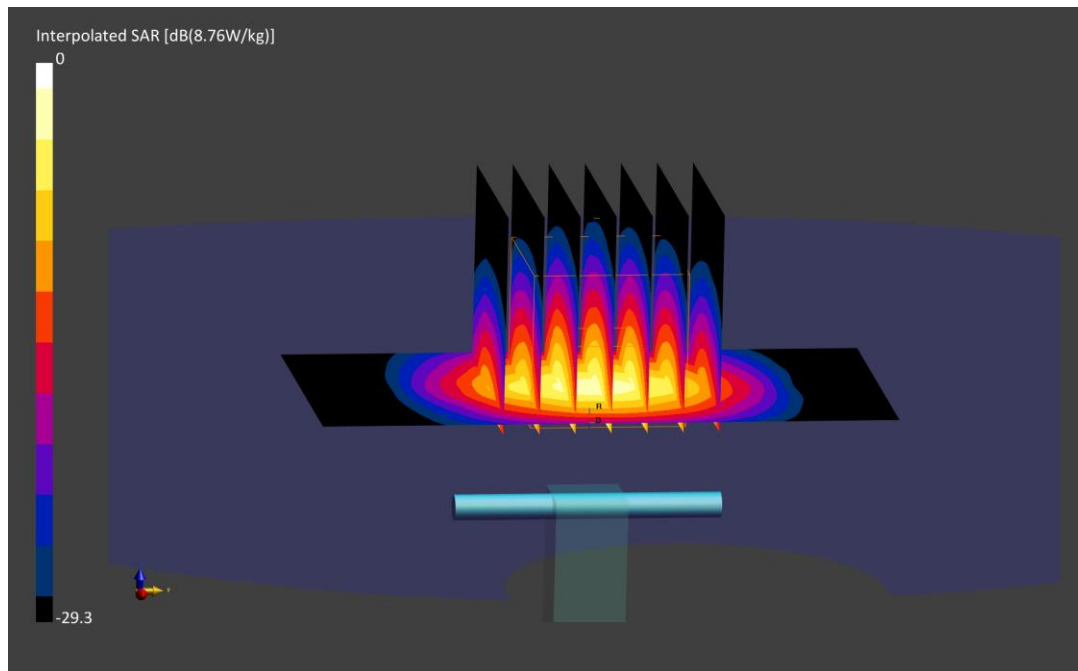
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 16.6 W/kg

SAR(1 g) = 6.43 W/kg

Deviation (1 g) = 0.94%



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; $\text{cond} = 2.82$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 06/05/2022; Ambient Temp: 24.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(7.14,7.14,7.14); Calibrated: 2021-08-05
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
 Phantom: Twin-SAM V8.0; Serial: 1630
 Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

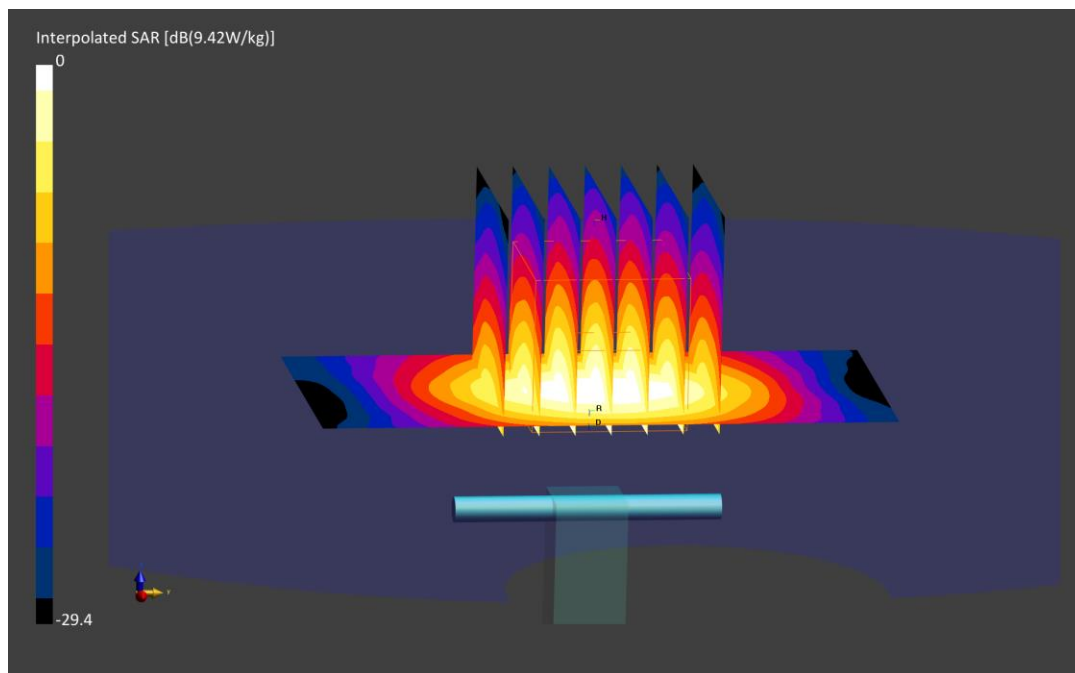
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 6.68 W/kg

Deviation (1 g) = 4.87%



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; $\text{cond} = 2.97$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/24/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

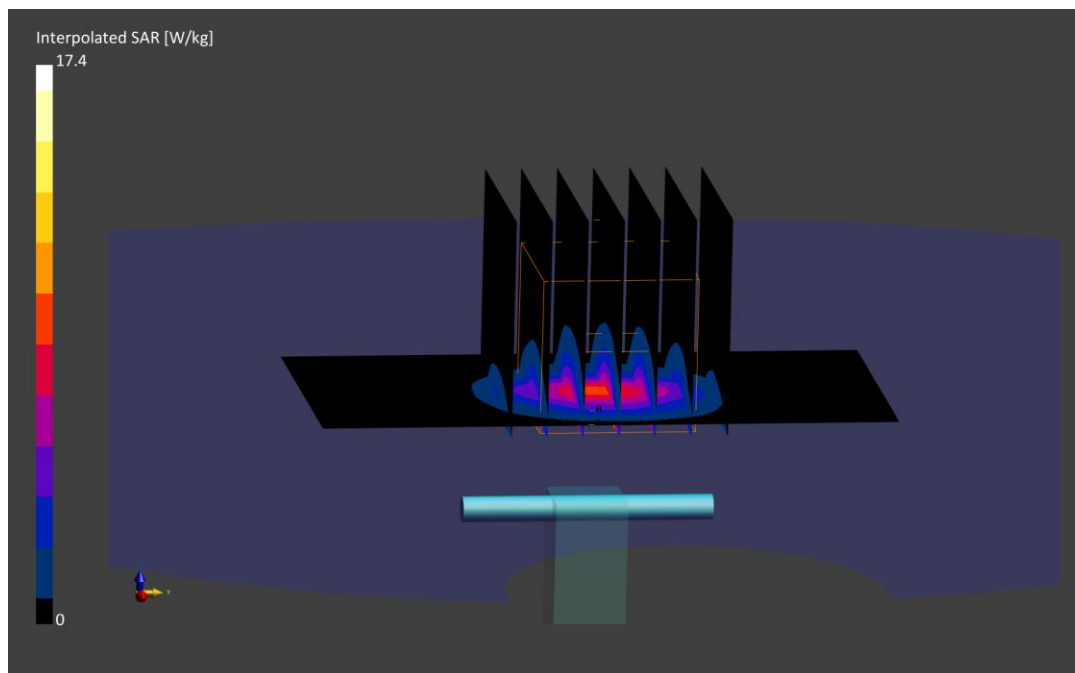
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.4 W/kg

SAR(1 g) = 6.58 W/kg

Deviation (1 g) = -2.08%



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; $\text{cond} = 3.01$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

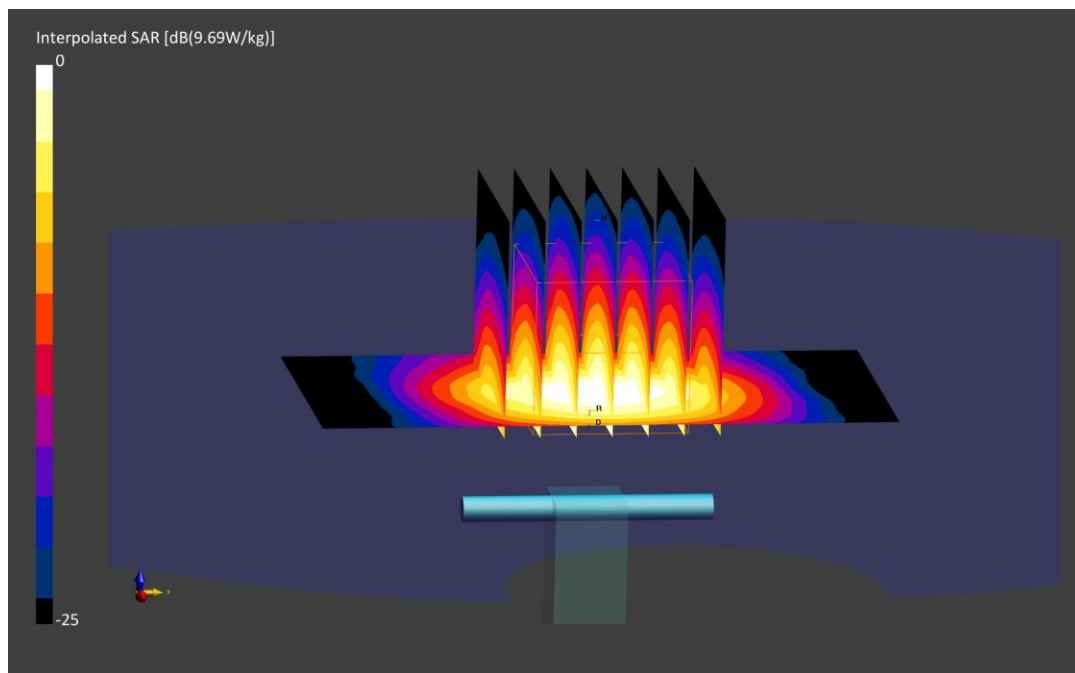
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 18.2 W/kg

SAR(1 g) = 6.91 W/kg

Deviation (1 g) = 2.83%



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; $\text{cond} = 3.02$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/10/2022; Ambient Temp: 22.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

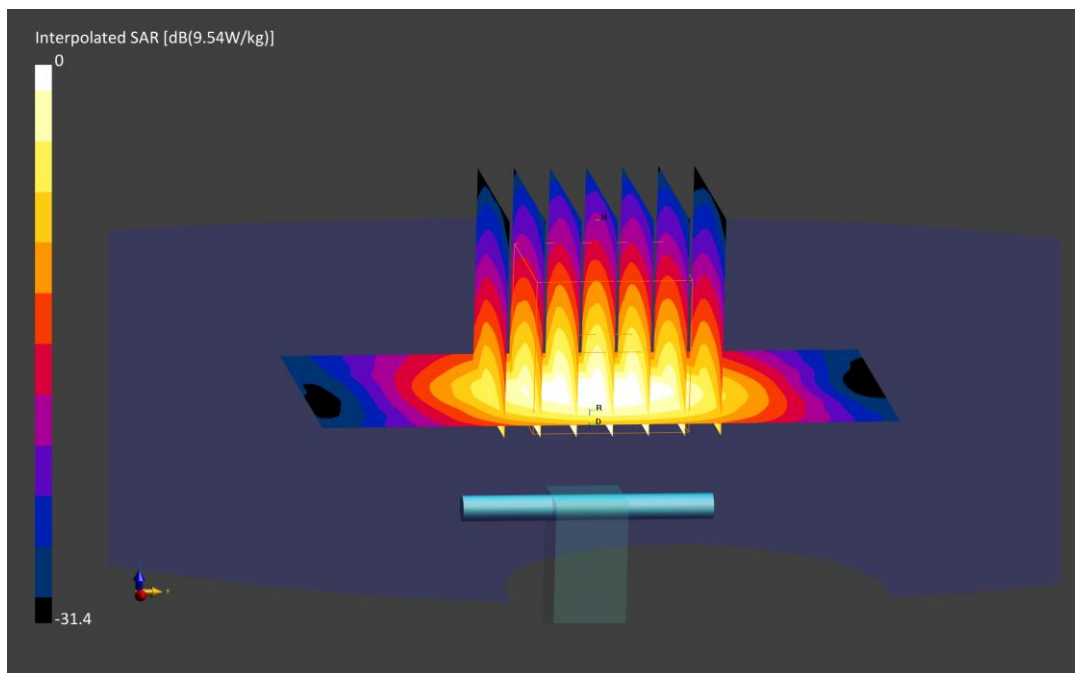
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 6.74 W/kg

Deviation (1 g) = 0.30%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3900.0$ MHz; $\text{cond} = 3.22$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/10/2022; Ambient Temp: 22.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

3900 MHz System Verification at 20 dBm (100 mW)

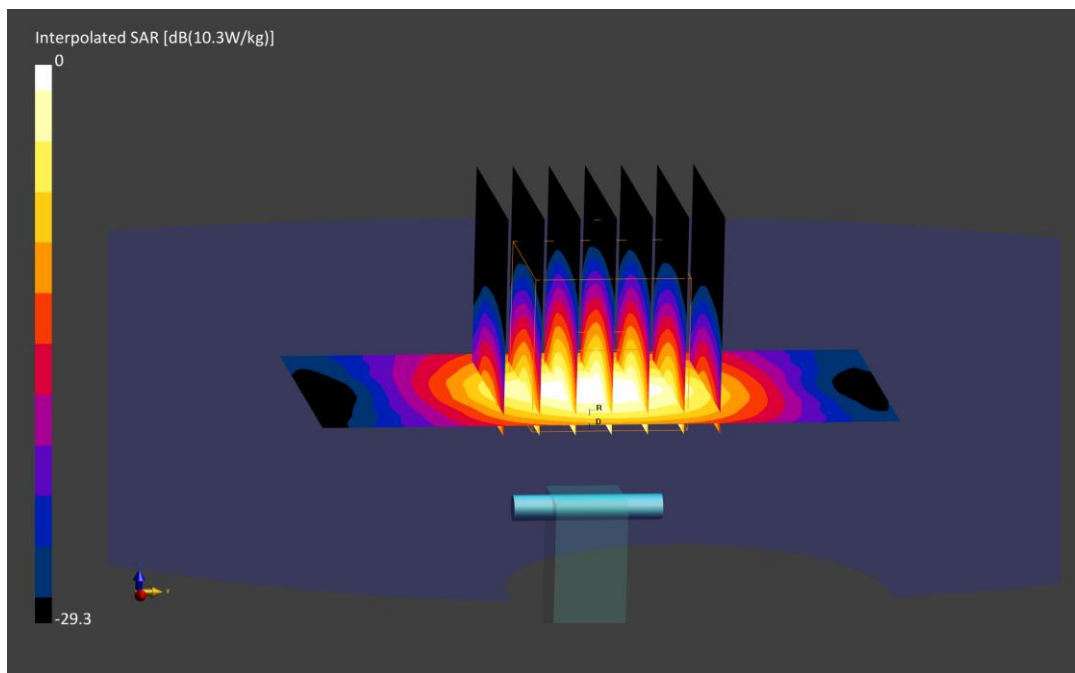
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 7.08 W/kg

Deviation (1 g) = 2.76%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5250.0$ MHz; $\text{cond} = 4.64$ S/m; $\text{perm} = 35.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/19/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7527; ConvF:(5.64,5.64,5.64); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5250 MHz System Verification at 17 dBm (50 mW)

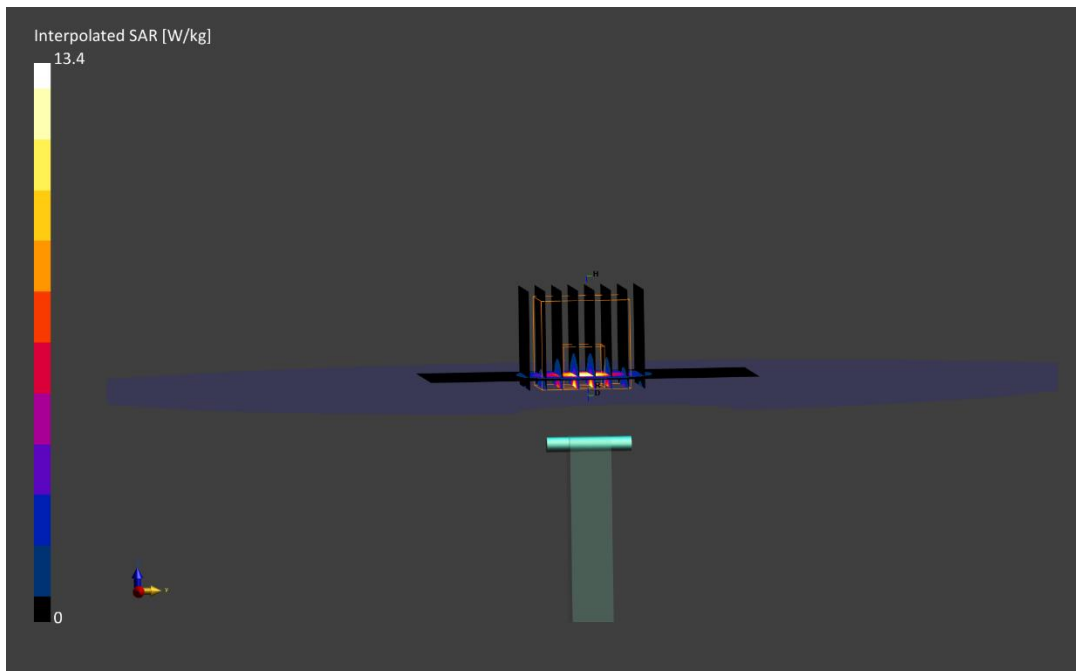
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.1 W/kg

SAR(1 g) = 3.87 W/kg

Deviation (1 g) = -4.68%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5600.0$ MHz; $\text{cond} = 5.06$ S/m; $\text{perm} = 34.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/19/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.77,4.77,4.77); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5600 MHz System Verification at 17 dBm (50 mW)

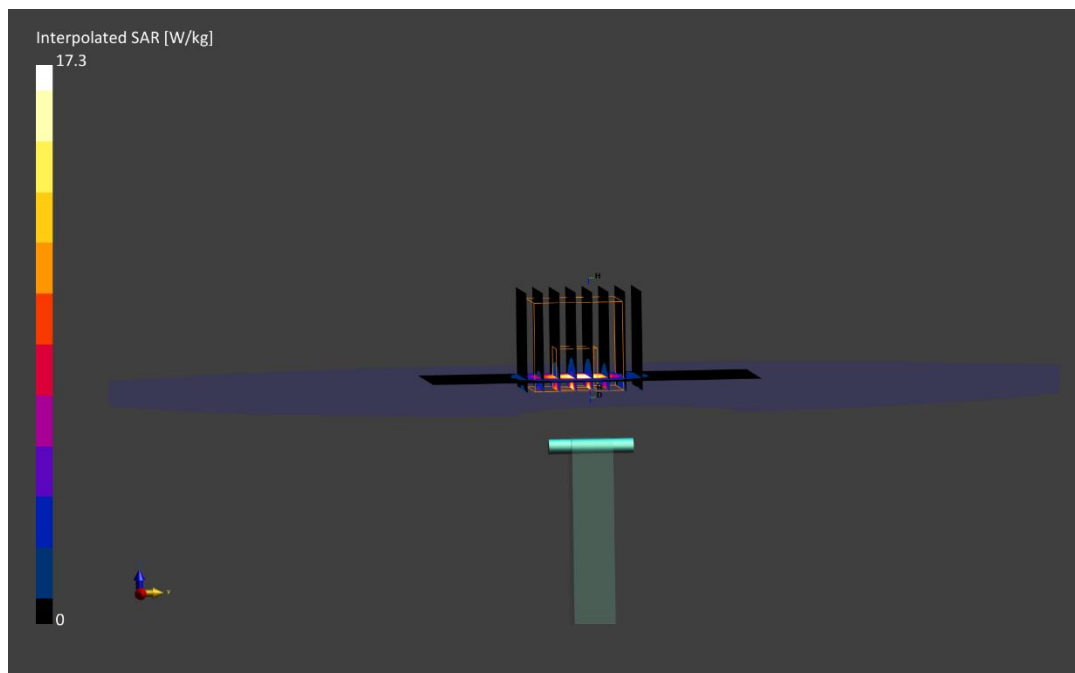
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.3 W/kg

SAR(1 g) = 4.14 W/kg

Deviation (1 g) = -1.66%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5750.0$ MHz; $\text{cond} = 5.22$ S/m; $\text{perm} = 34.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/19/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.88,4.88,4.88); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5750 MHz System Verification at 17 dBm (50 mW)

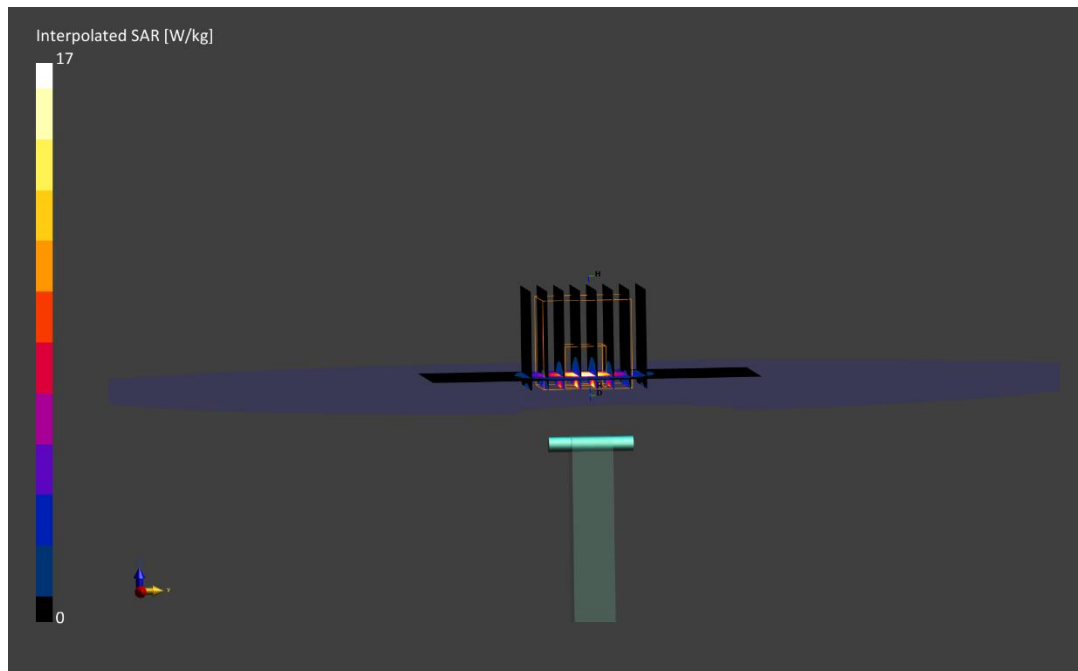
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.0 W/kg

SAR(1 g) = 3.97 W/kg

Deviation (1 g) = -1.73%



ELEMENT

DUT: Dipole 5800.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5800.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5800.0$ MHz; $\text{cond} = 5.28$ S/m; $\text{perm} = 34.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

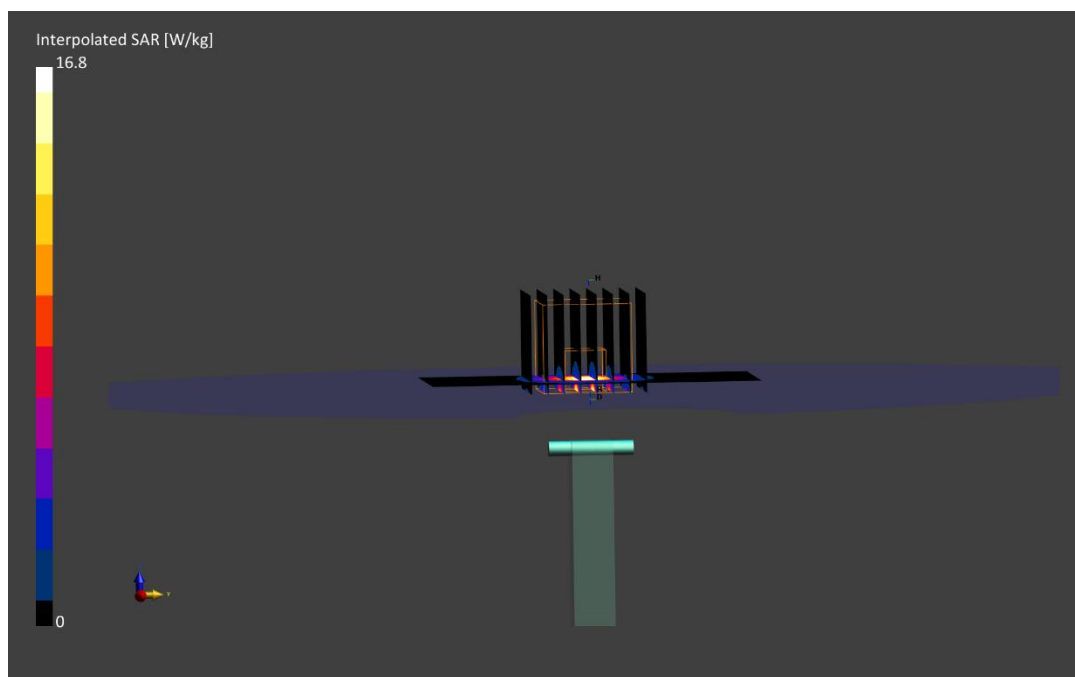
Test Date: 05/19/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.88,4.88,4.88); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5800 MHz System Verification at 17 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) = 16.8 W/kg
SAR(1 g) = 3.88 W/kg
Deviation (1 g) = -5.48%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1034

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.937$ S/m; $\text{perm} = 54.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 04/27/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

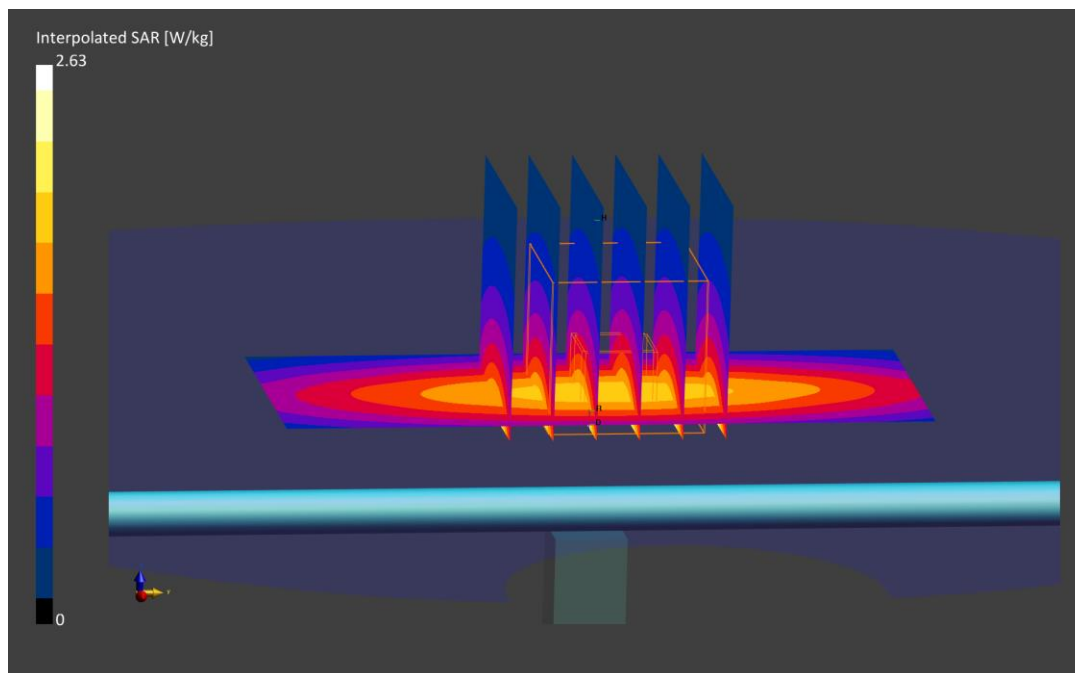
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.63 W/kg

SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.13 W/kg

Deviation (1 g) = -5.16%; Deviation (10 g) = -3.91%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1034

Communication System: UID: 0, CW; Frequency: 750.0 MHz
 Medium: 750 Body; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.973$ S/m; $\text{perm} = 54.5$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 15 mm

Test Date: 05/02/2022; Ambient Temp: 22.0°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
 Phantom: Twin-SAM V8.0; Serial: 1934
 Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

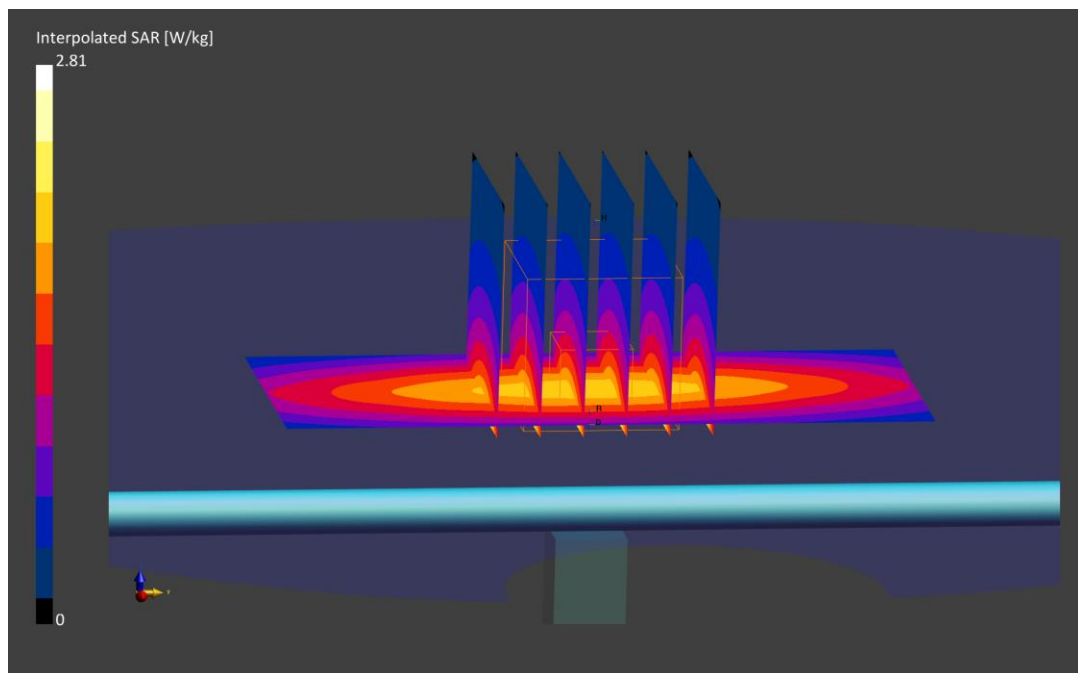
Area Scan (40.0 x 90.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=15.0$ mm

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

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.18 W/kg

Deviation (1 g) = -0.11%; Deviation (10 g) = 0.34%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.963$ S/m; $\text{perm} = 54.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/04/2022; Ambient Temp: 21.9°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

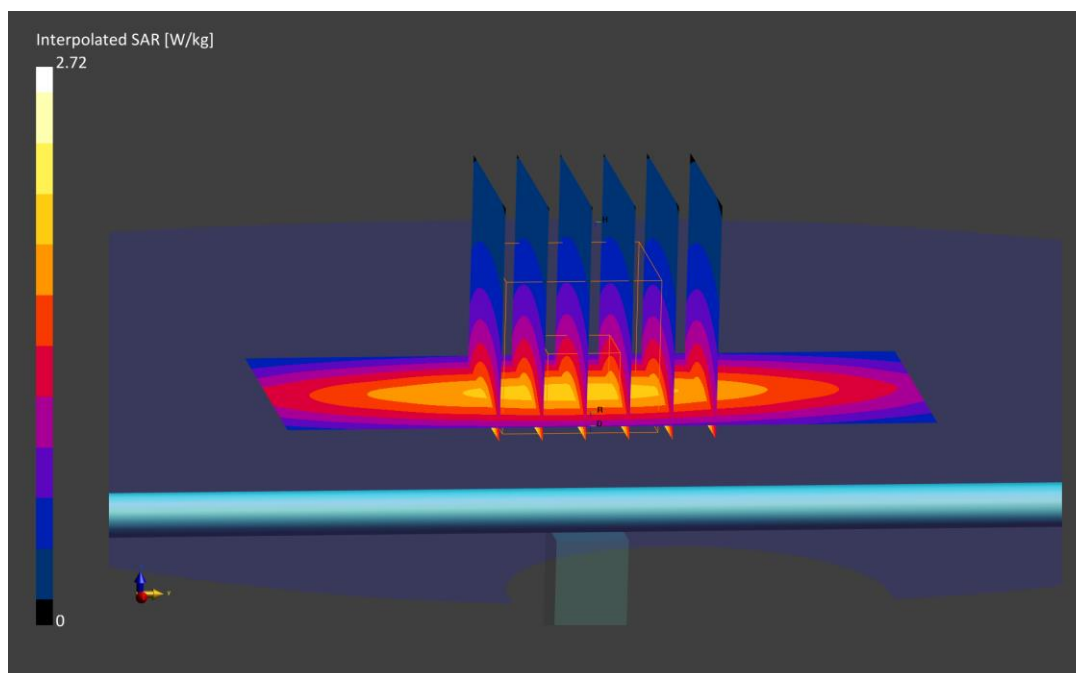
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.72 W/kg

SAR(1 g) = 1.71 W/kg

Deviation (1 g) = -1.50 %



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.951$ S/m; $\text{perm} = 55.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/06/2022; Ambient Temp: 20.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

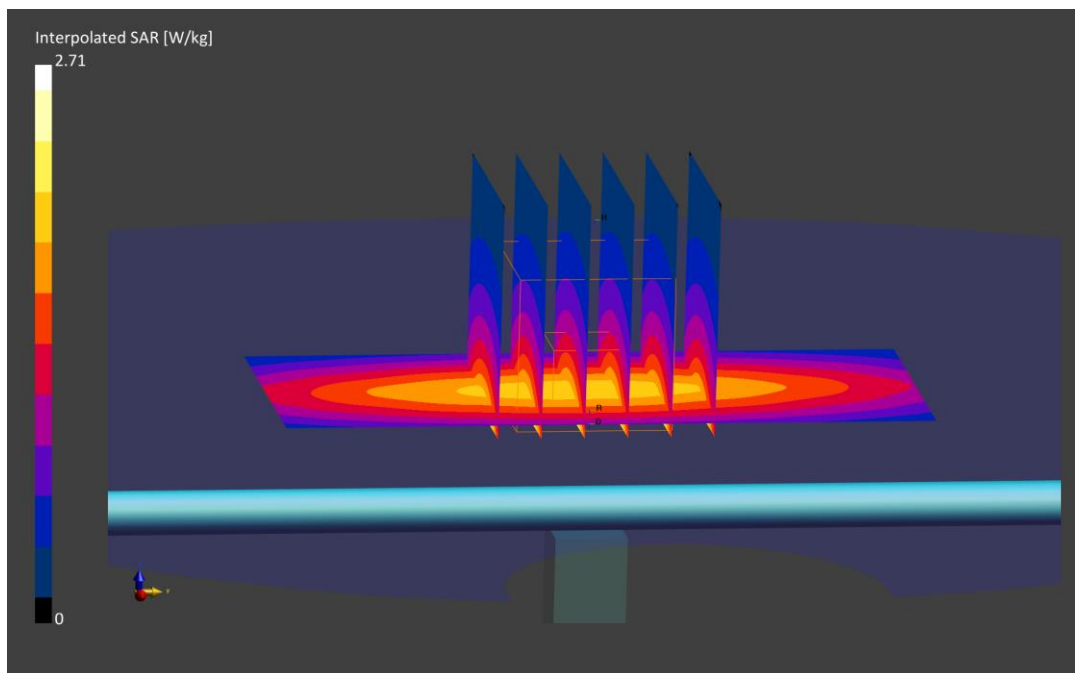
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.71 W/kg

SAR(1 g) = 1.72 W/kg

Deviation (1 g) = -0.92%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz
 Medium: 750 Body; Medium parameters used:
 $f = 750.0$ MHz; $\text{cond} = 0.964$ S/m; $\text{perm} = 54.3$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 15 mm

Test Date: 05/09/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
 Phantom: Twin-SAM V8.0; Serial: 1934
 Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

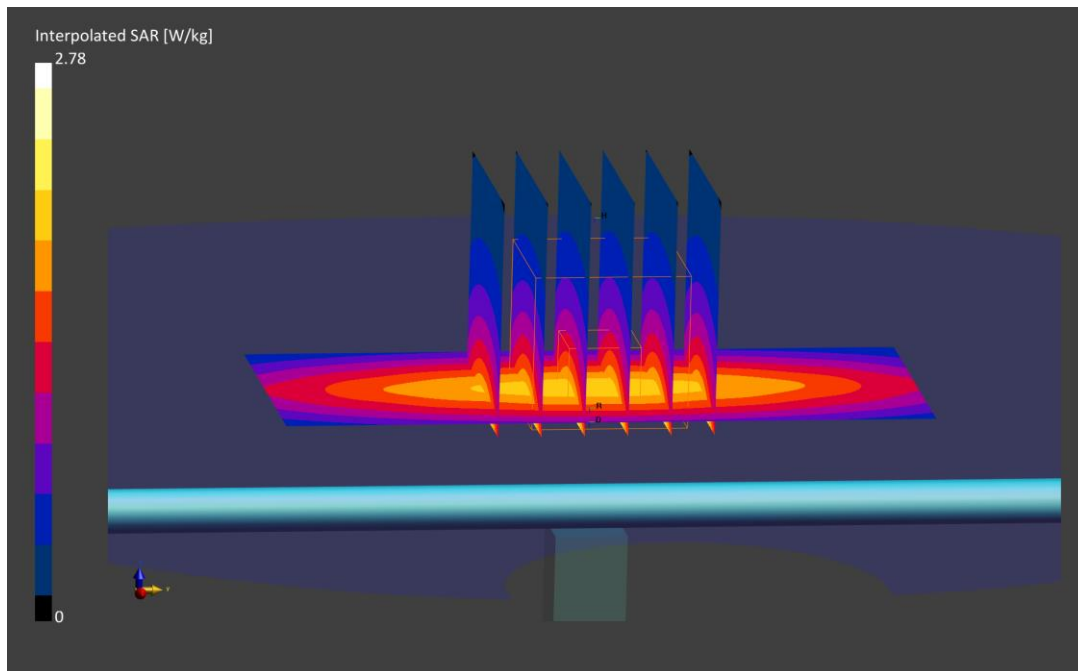
Area Scan (40.0 x 90.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=15.0$ mm

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

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 1.76 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 1.38%; Deviation (10 g) = 2.27%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.972$ S/m; $\text{perm} = 55.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/11/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

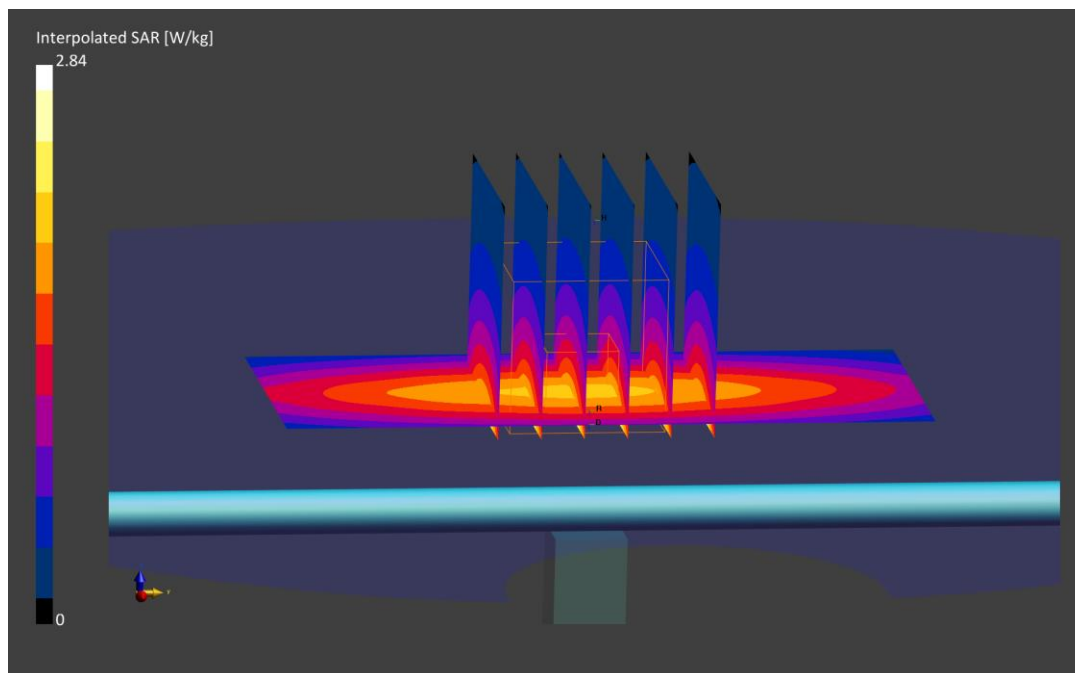
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.84 W/kg

SAR(1 g) = 1.75 W/kg

Deviation (1 g) = 0.81%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.988$ S/m; $\text{perm} = 53.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/24/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

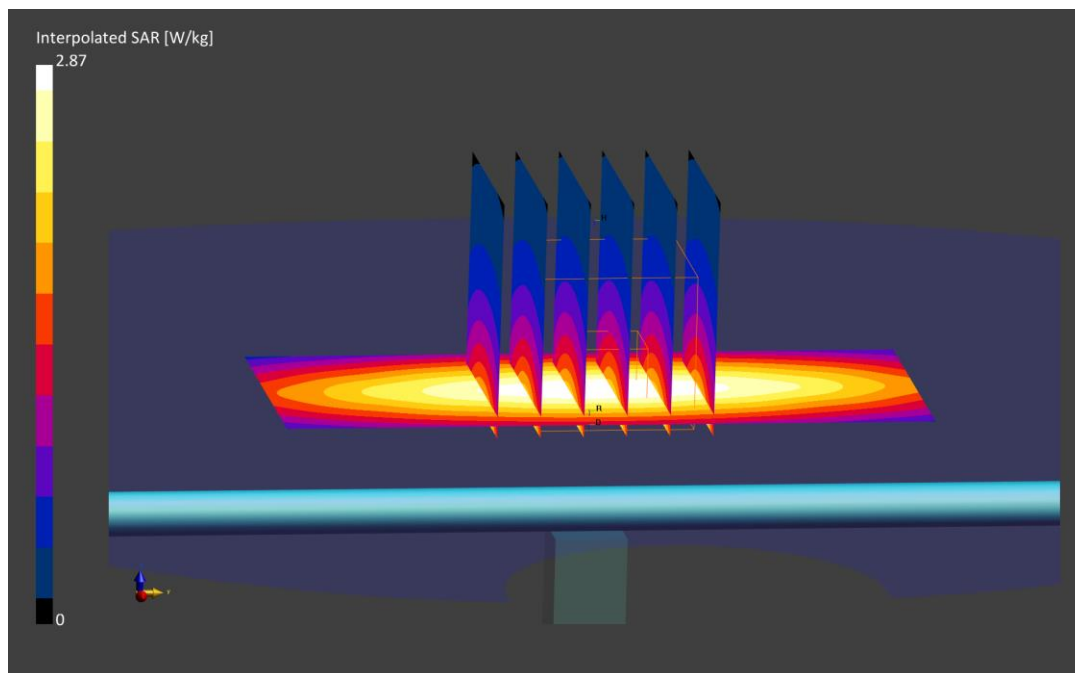
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.87 W/kg

SAR(1 g) = 1.81 W/kg; SAR(10 g) = 1.20 W/kg

Deviation (1 g) = 4.26%; Deviation (10 g) = 4.90 %



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.987$ S/m; $\text{perm} = 52.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/26/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

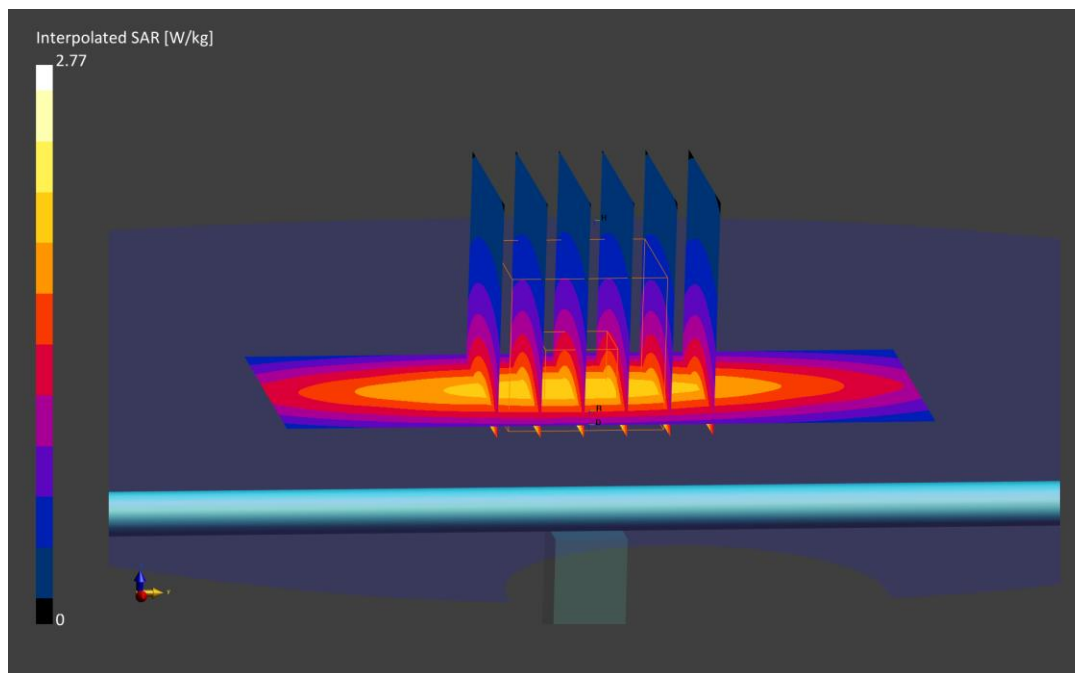
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.77 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 1.96%; Deviation (10 g) = 2.27%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.974$ S/m; $\text{perm} = 53.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/04/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(10.26,10.26,10.26); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

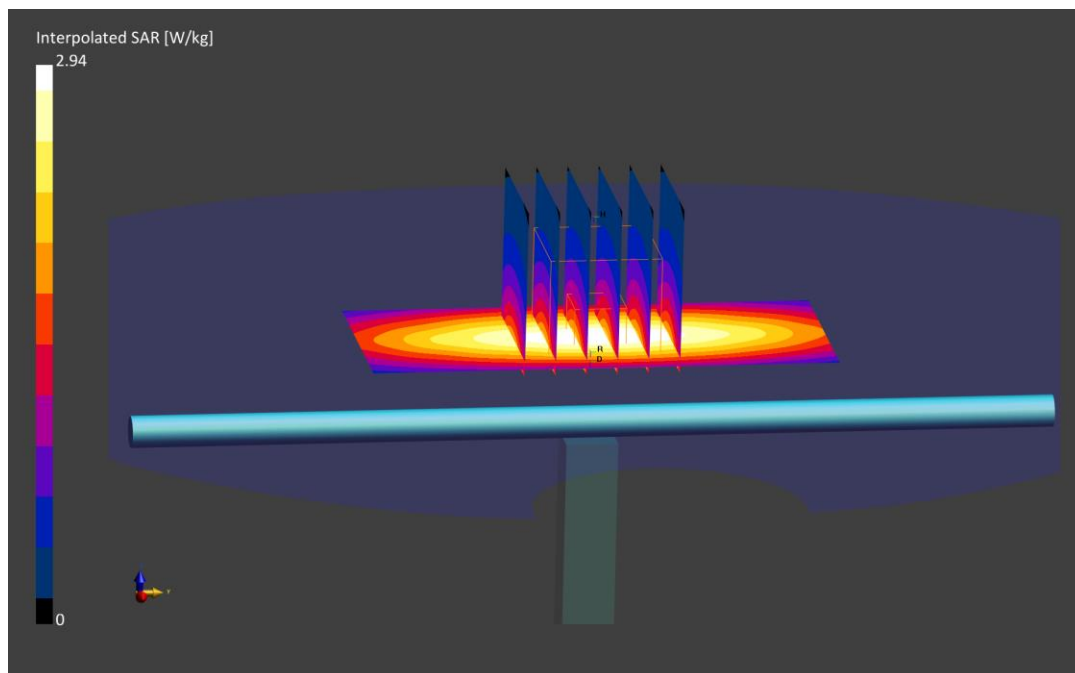
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.94 W/kg

SAR(1 g) = 1.85 W/kg

Deviation (1 g) = 5.23%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.959$ S/m; $\text{perm} = 53.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/07/2022; Ambient Temp: 21.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

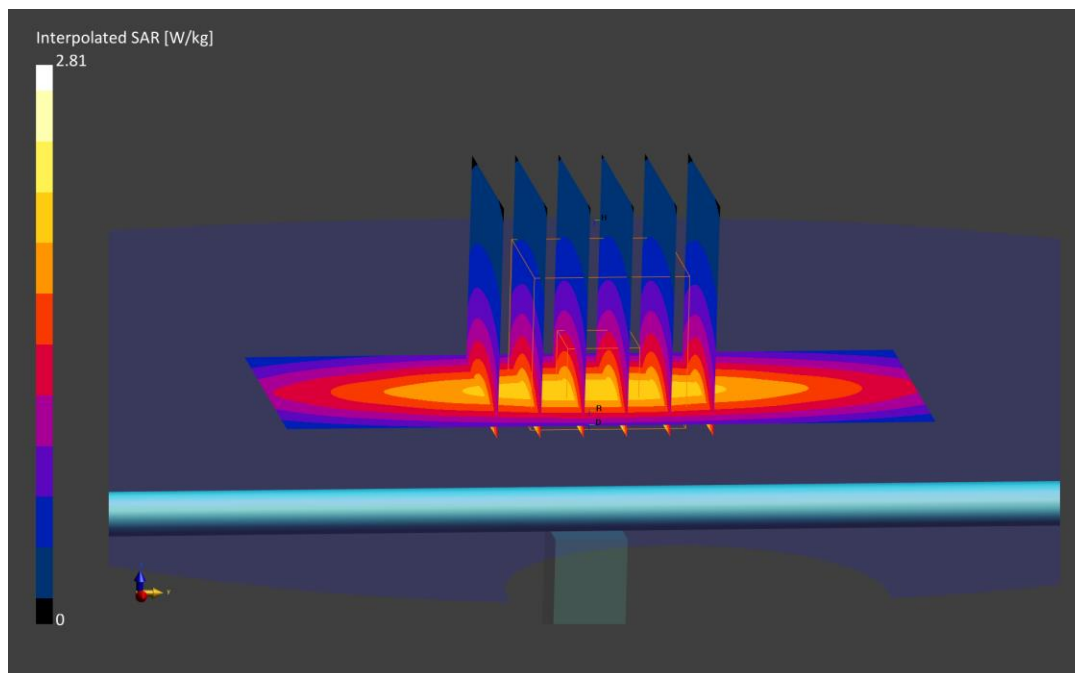
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.81 W/kg

SAR(1 g) = 1.80 W/kg

Deviation (1 g) = 2.39%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.945$ S/m; $\text{perm} = 53.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/09/2022; Ambient Temp: 23°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

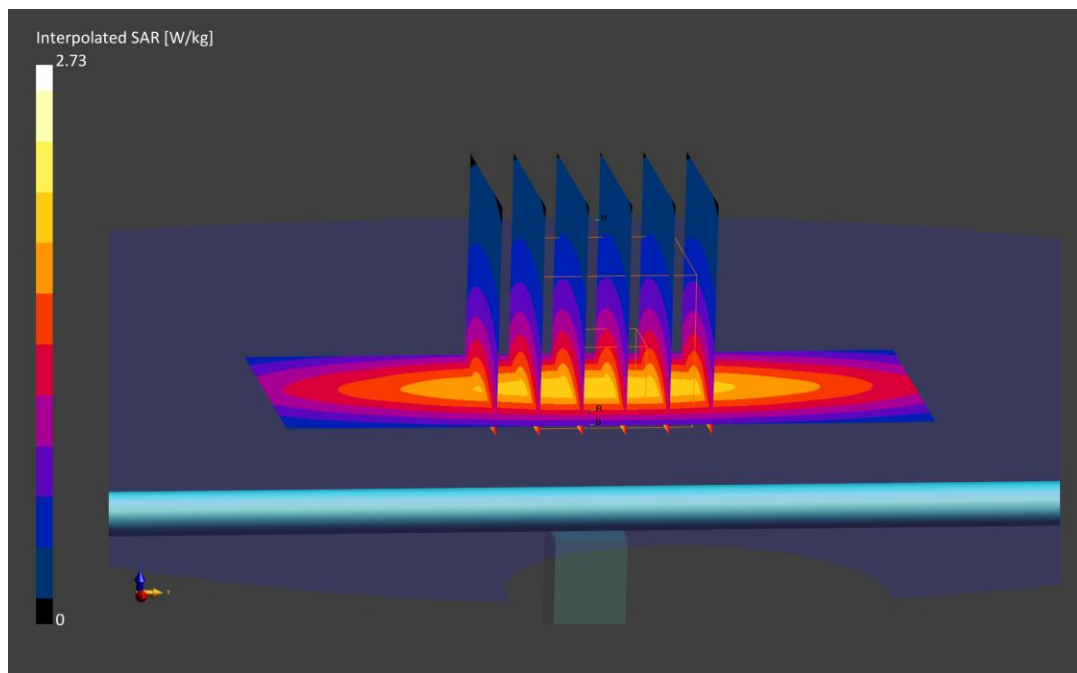
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.73 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 1.39%; Deviation (10 g) = 0.52%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

$f = 750.0$ MHz; $\text{cond} = 0.971$ S/m; $\text{perm} = 53.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/12/2022; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

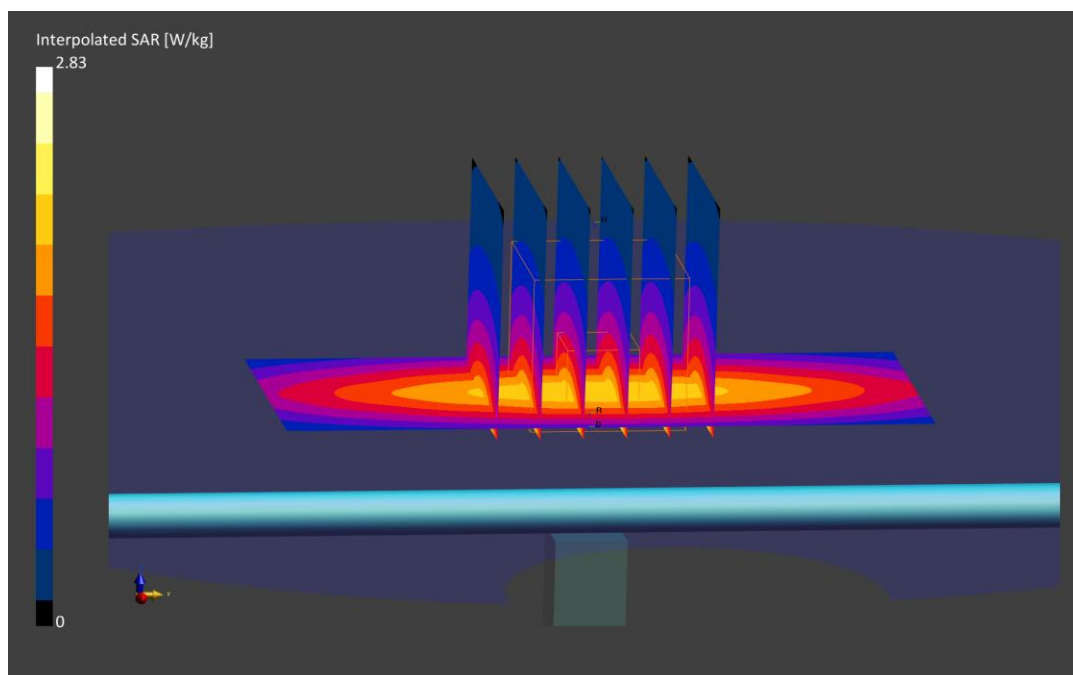
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.83 W/kg

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

Deviation (1 g) = 2.96%; Deviation (10 g) = 1.88%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.989$ S/m; $\text{perm} = 54.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/17/2022; Ambient Temp: 20.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

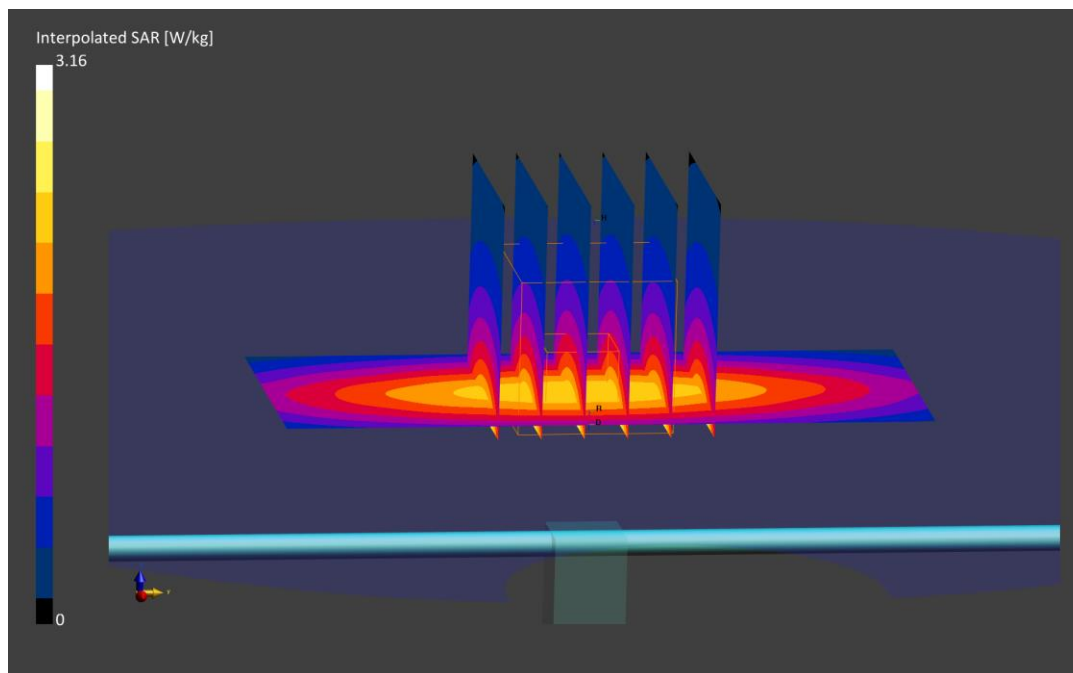
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.16 W/kg

SAR(1 g) = 2.05 W/kg

Deviation (1 g) = 3.43%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 1.00$ S/m; $\text{perm} = 53.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/19/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

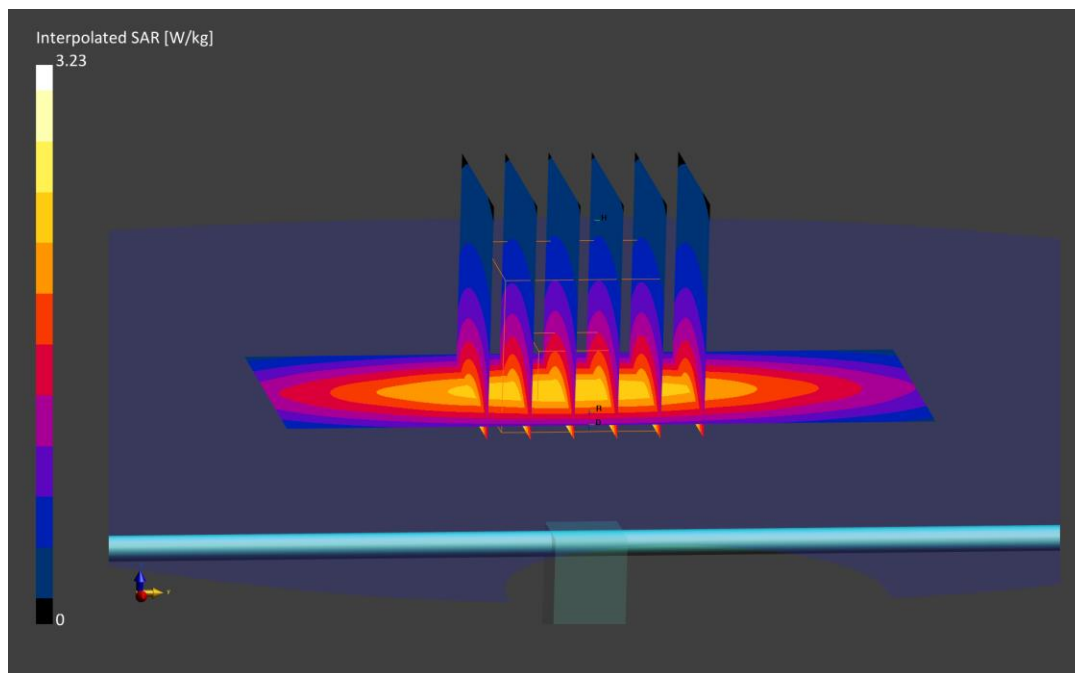
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.23 W/kg

SAR(1 g) = 2.08 W/kg

Deviation (1 g) = 4.94%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 1.01$ S/m; $\text{perm} = 53.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/22/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15

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

Electronics: DAE4 Sn1466; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

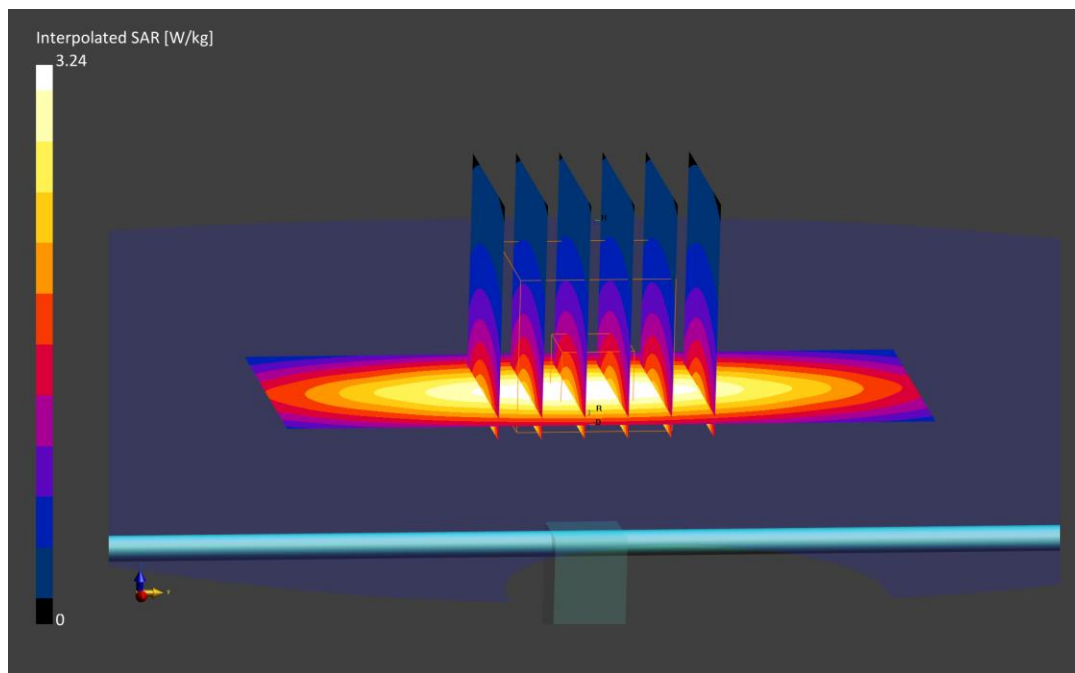
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.24 W/kg

SAR(1 g) = 2.09 W/kg

Deviation (1 g) = 5.45%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.964$ S/m; $\text{perm} = 53.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/22/2022; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

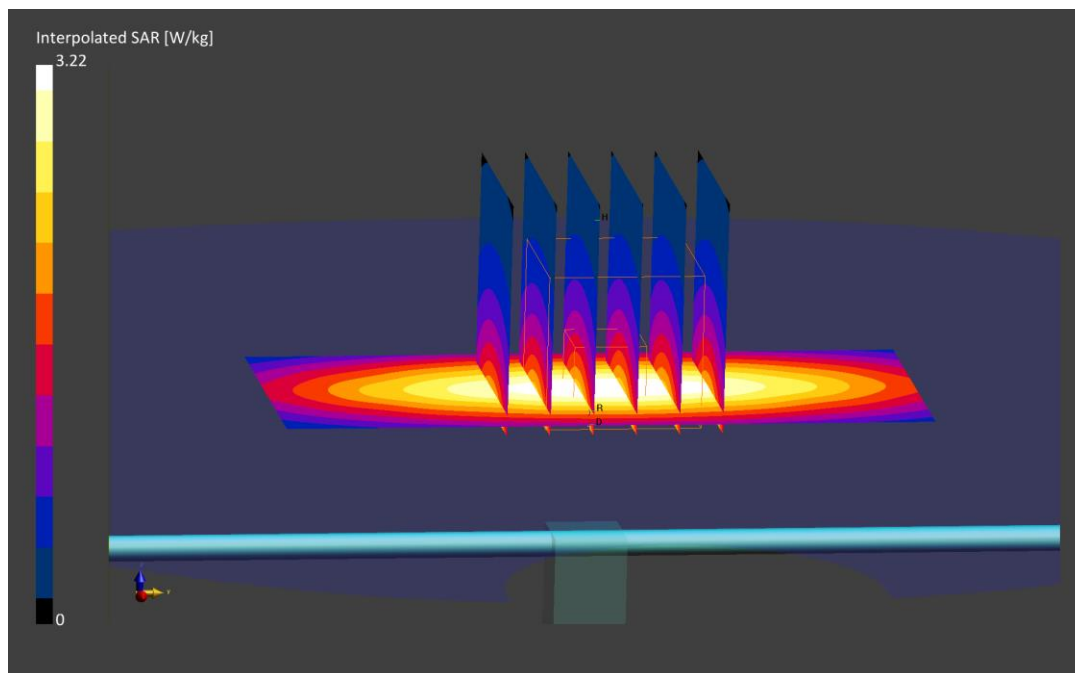
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.22 W/kg

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

Deviation (1 g) = 2.42%; Deviation (10 g) = 0.91%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.969$ S/m; $\text{perm} = 53.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/24/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

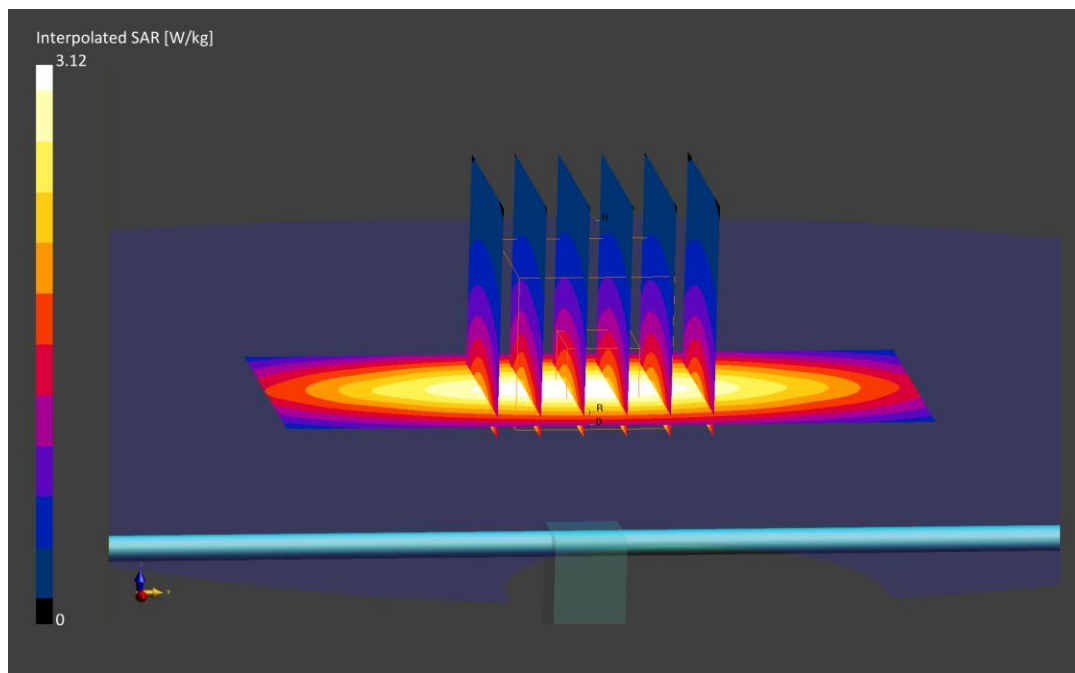
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.12 W/kg

SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.31 W/kg

Deviation (1 g) = 0.40%; Deviation (10 g) = -0.61%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d119

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.967$ S/m; $\text{perm} = 52.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/26/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24

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

Electronics: DAE4 Sn1645; Calibrated: 2022-02-21

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

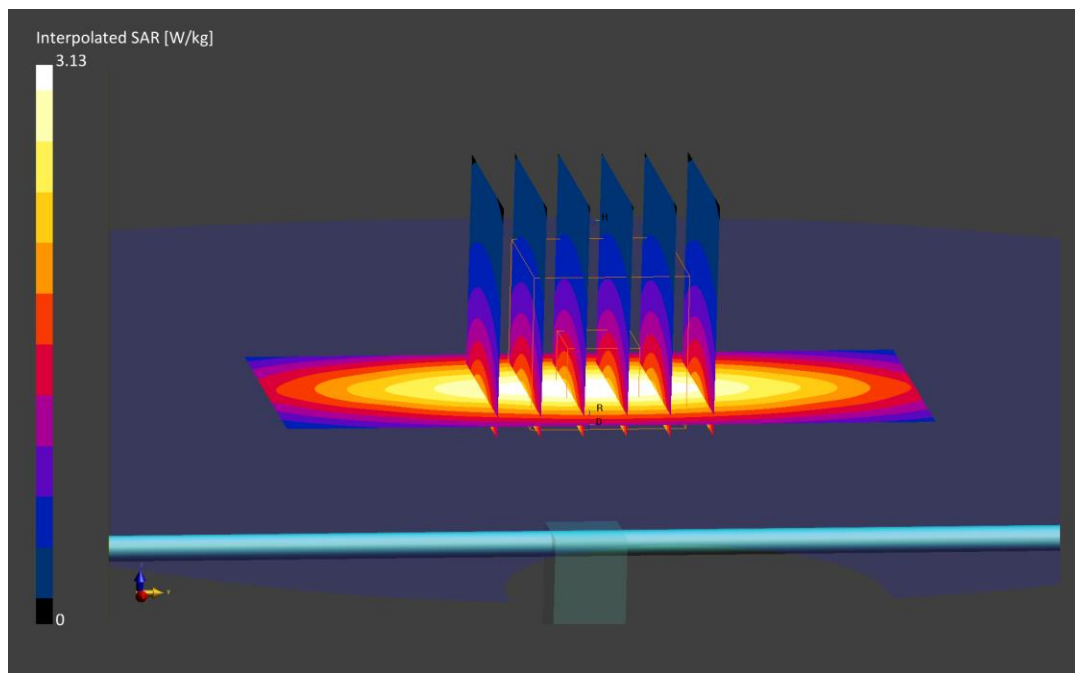
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 1.98 W/kg

Deviation (1 g) = -0.10%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d047

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Body; Medium parameters used:
 $f = 835.0$ MHz; $\text{cond} = 0.955$ S/m; $\text{perm} = 55.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 05/30/2022; Ambient Temp: 21.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7571; ConvF:(9.87,9.87,9.87); Calibrated: 2021-12-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; Calibrated: 2021-12-08
Phantom: Twin-SAM V5.0; Serial: 1646
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

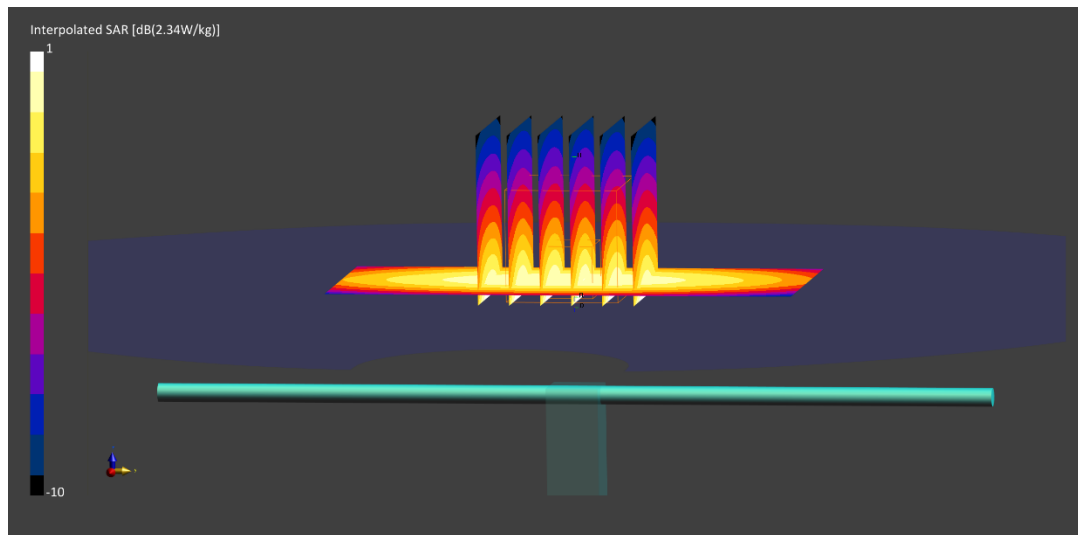
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.22 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.38 W/kg

Deviation (1 g) = 7.95%; Deviation (10 g) = 7.81%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d133

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

Medium: 835 Body; Medium parameters used:

$f = 835.0$ MHz; $\text{cond} = 0.948$ S/m; $\text{perm} = 54.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/06/2022; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7571; ConvF:(9.87,9.87,9.87); Calibrated: 2021-12-10

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

Electronics: DAE4 Sn859; Calibrated: 2021-12-08

Phantom: Twin-SAM V5.0; Serial: 1646

Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

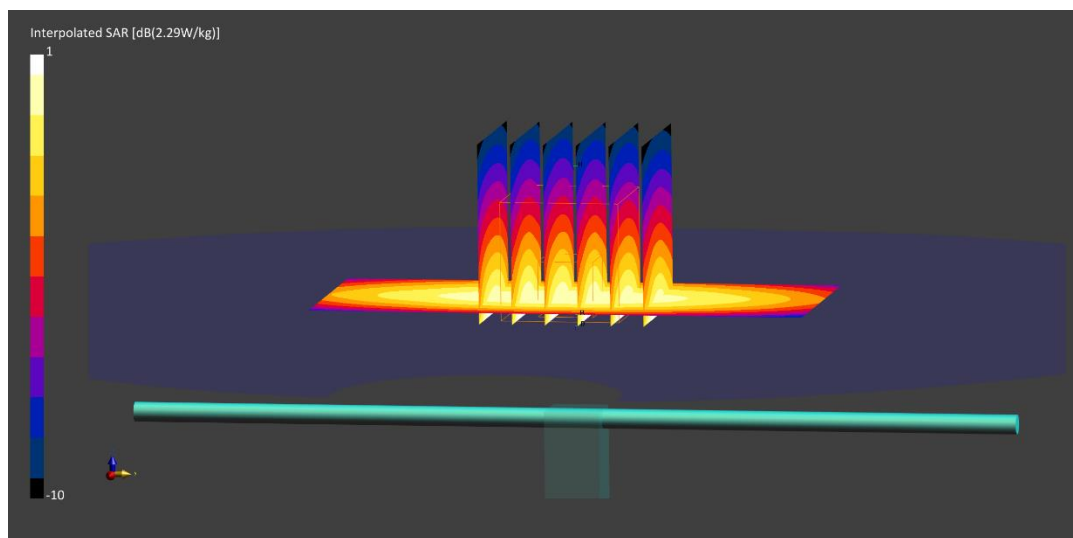
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 3.10 W/kg

SAR(1 g) = 2.01 W/kg

Deviation (1 g) = 3.72%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
 Medium: 1750 Body; Medium parameters used:
 $f = 1750.0$ MHz; $\text{cond} = 1.47$ S/m; $\text{perm} = 52.9$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
 Phantom: Twin-SAM V8.0; Serial: 1966
 Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

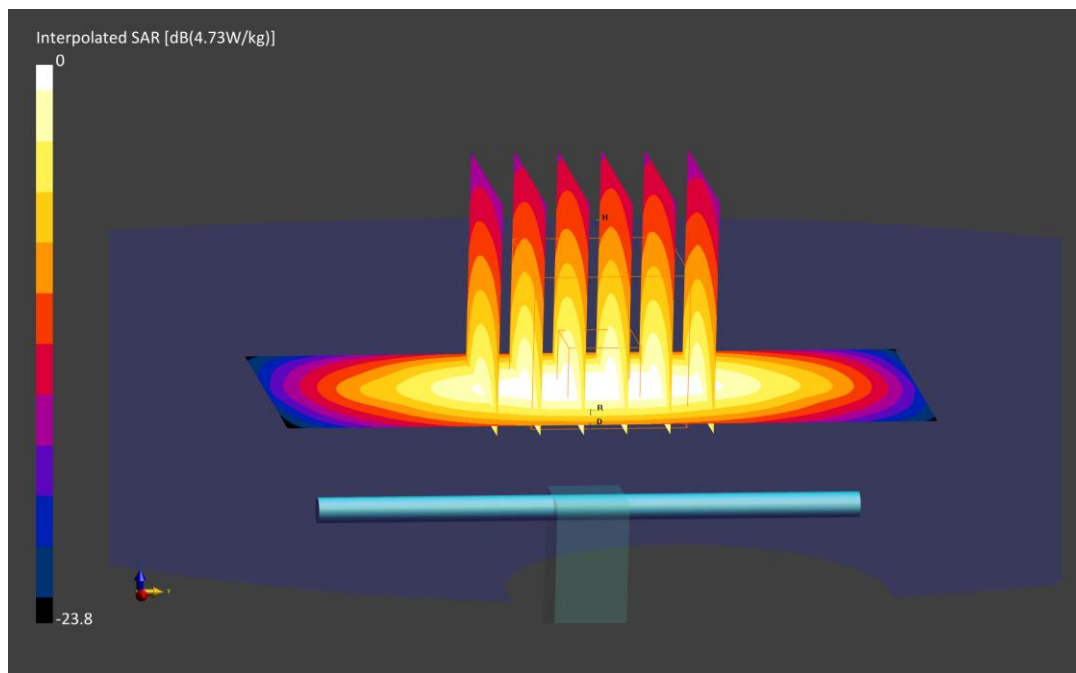
Area Scan (40.0 x 90.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=15.0$ mm

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

Peak SAR (extrapolated) = 6.78 W/kg

SAR(1 g) = 3.70 W/kg

Deviation (1 g) = -2.12%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
 Medium: 1750 Body; Medium parameters used:
 $f = 1750.0$ MHz; $\text{cond} = 1.50$ S/m; $\text{perm} = 52.6$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/08/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
 Phantom: Twin-SAM V8.0; Serial: 1966
 Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

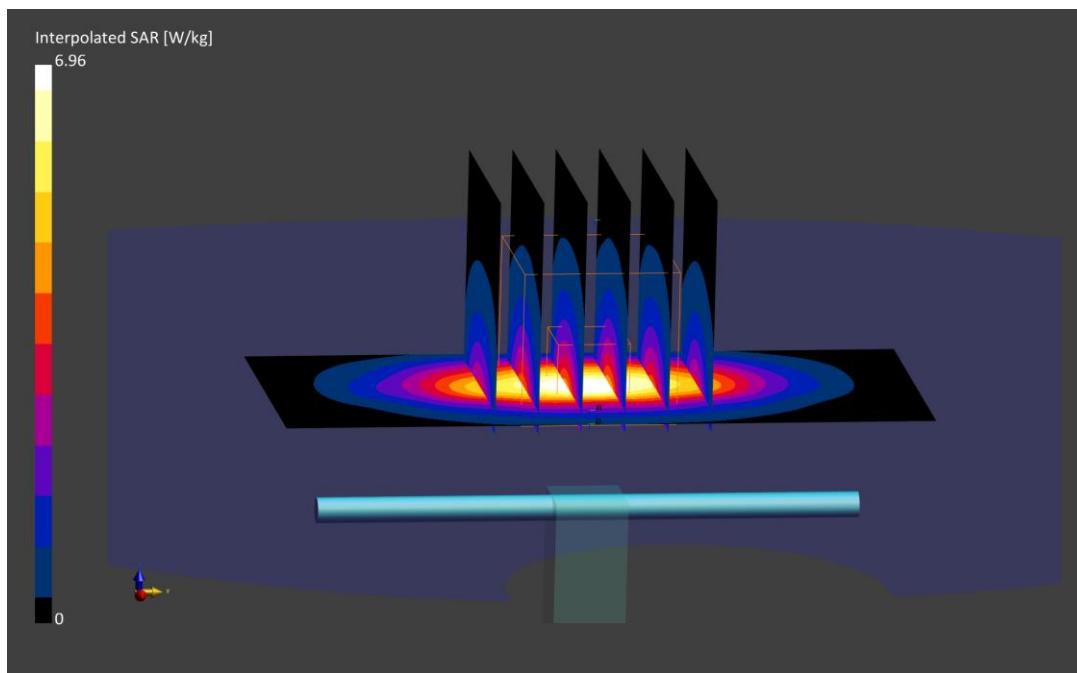
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.96 W/kg

SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.95 W/kg

Deviation (1 g) = -2.65%; Deviation (10 g) = -2.01%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
 $f = 1750.0$ MHz; $\text{cond} = 1.51$ S/m; $\text{perm} = 51.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/12/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

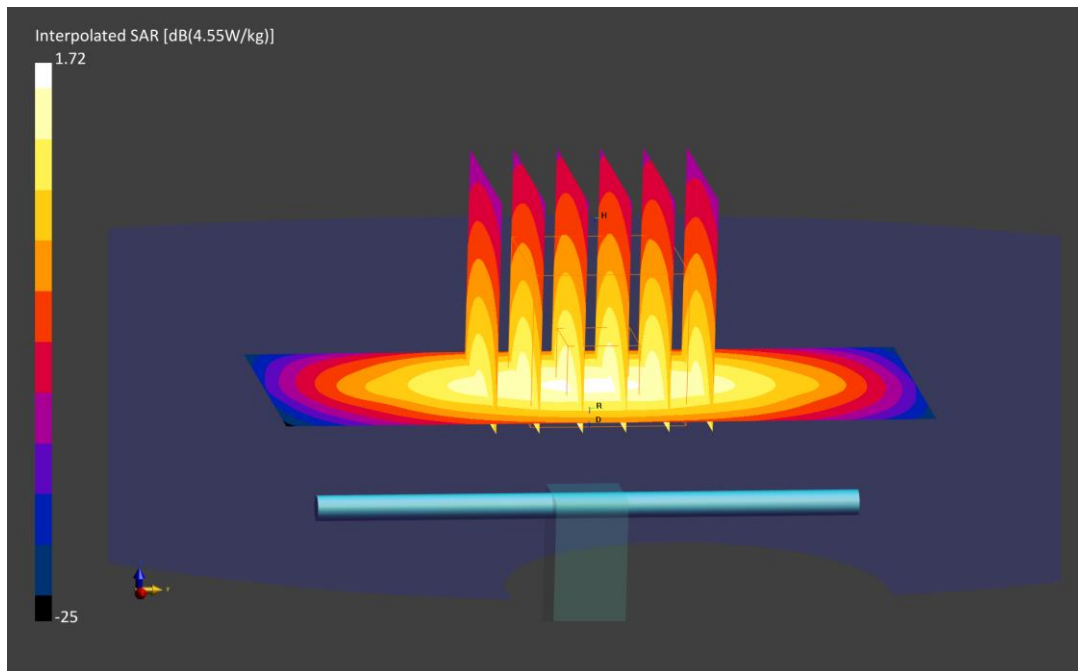
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.77 W/kg

SAR(1 g) = 3.63 W/kg; SAR(10 g) = 1.91 W/kg

Deviation (1 g) = -3.97%; Deviation (10 g) = -4.02%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
 Medium: 1750 Body; Medium parameters used:
 $f = 1750.0$ MHz; $\text{cond} = 1.51$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/14/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
 Phantom: Twin-SAM V8.0; Serial: 1966
 Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

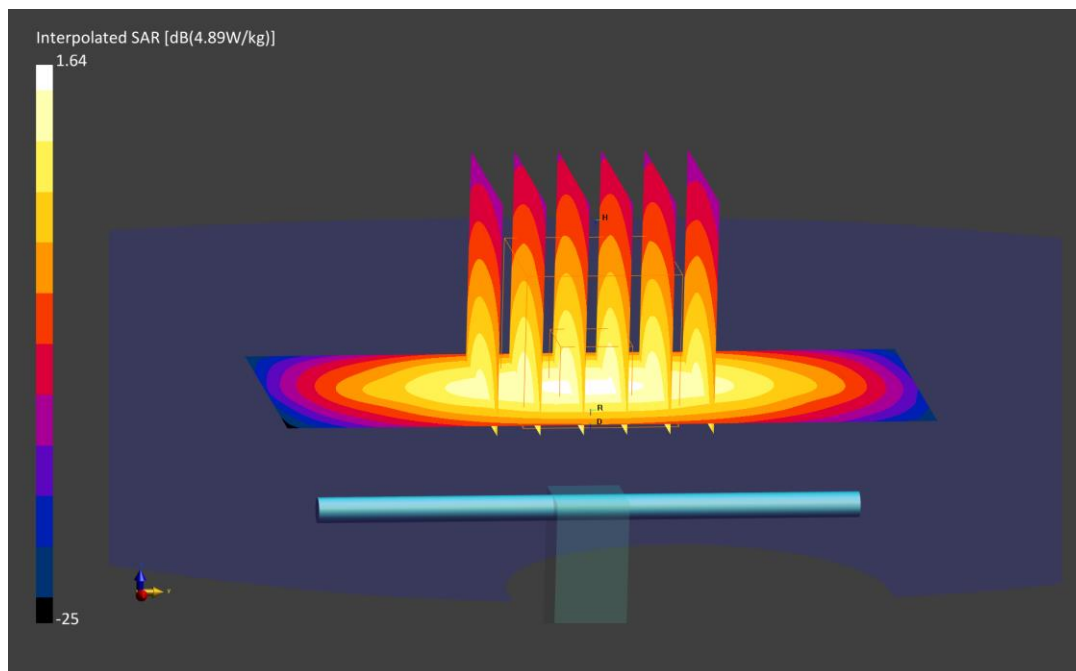
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.13 W/kg

SAR(1 g) = 3.86 W/kg

Deviation (1 g) = 2.12%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
 Medium: 1750 Body; Medium parameters used:
 $f = 1750.0$ MHz; $\text{cond} = 1.50$ S/m; $\text{perm} = 51.8$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/16/2022; Ambient Temp: 24.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
 Phantom: Twin-SAM V8.0; Serial: 1966
 Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

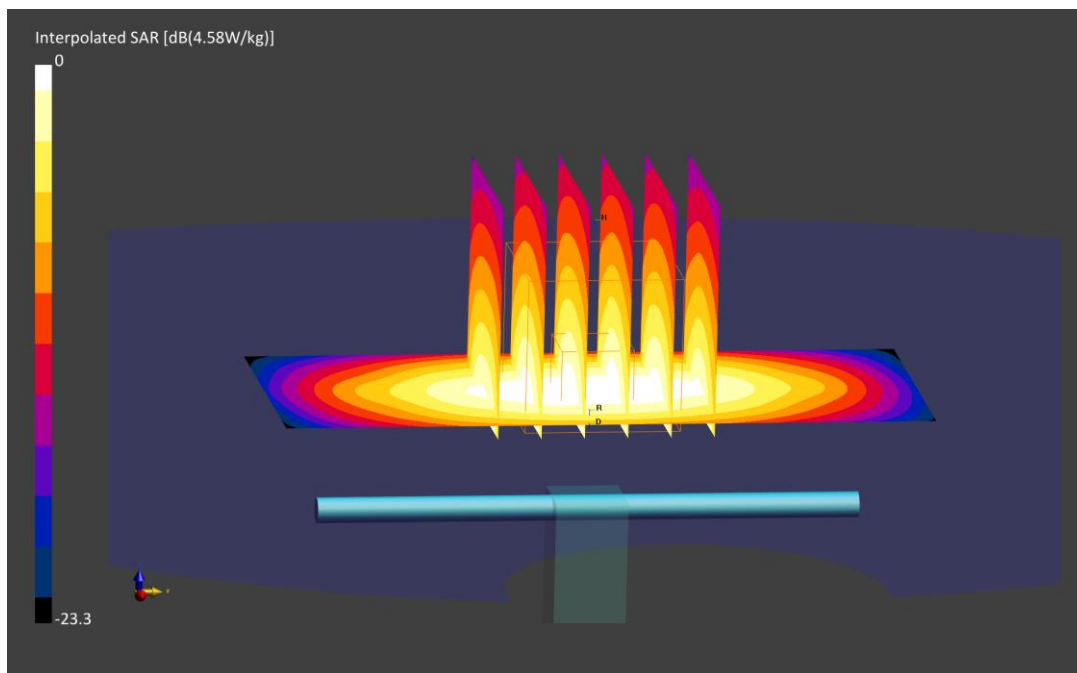
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.93 W/kg

SAR(1 g) = 3.75 W/kg; SAR(10 g) = 1.98 W/kg

Deviation (1 g) = -0.79%; Deviation (10 g) = -0.50%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

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

Medium: 1750 Body; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.53$ S/m; $\text{perm} = 51.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

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

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

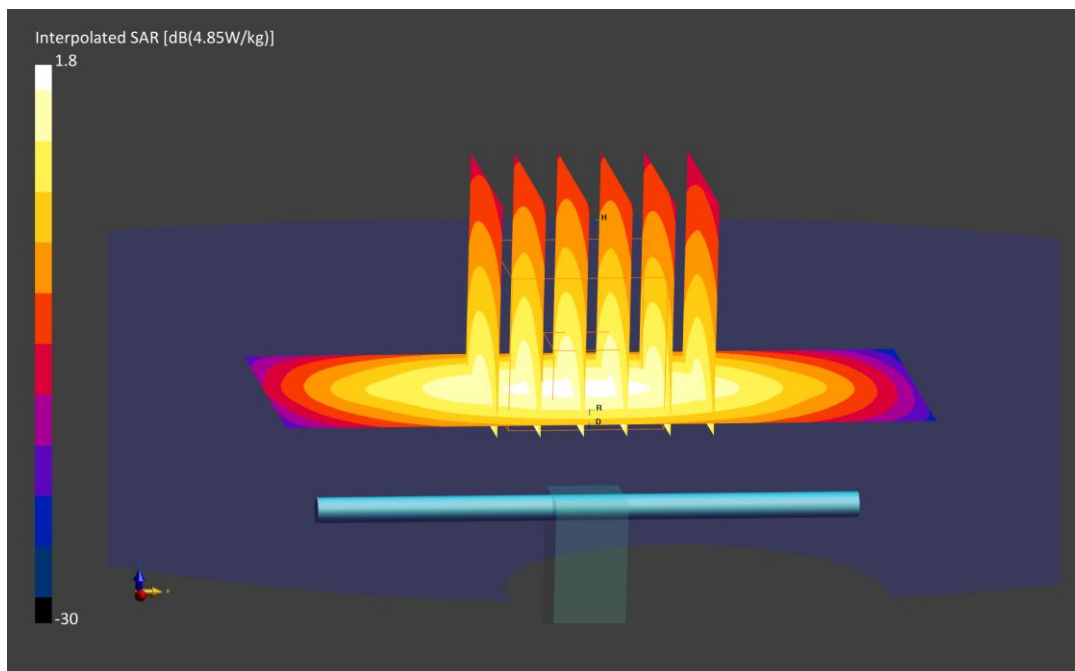
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.34 W/kg

SAR(10 g) = 2.06 W/kg

Deviation (10 g) = 3.52%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1750.0 MHz; cond = 1.47 S/m; perm = 52.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/05/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

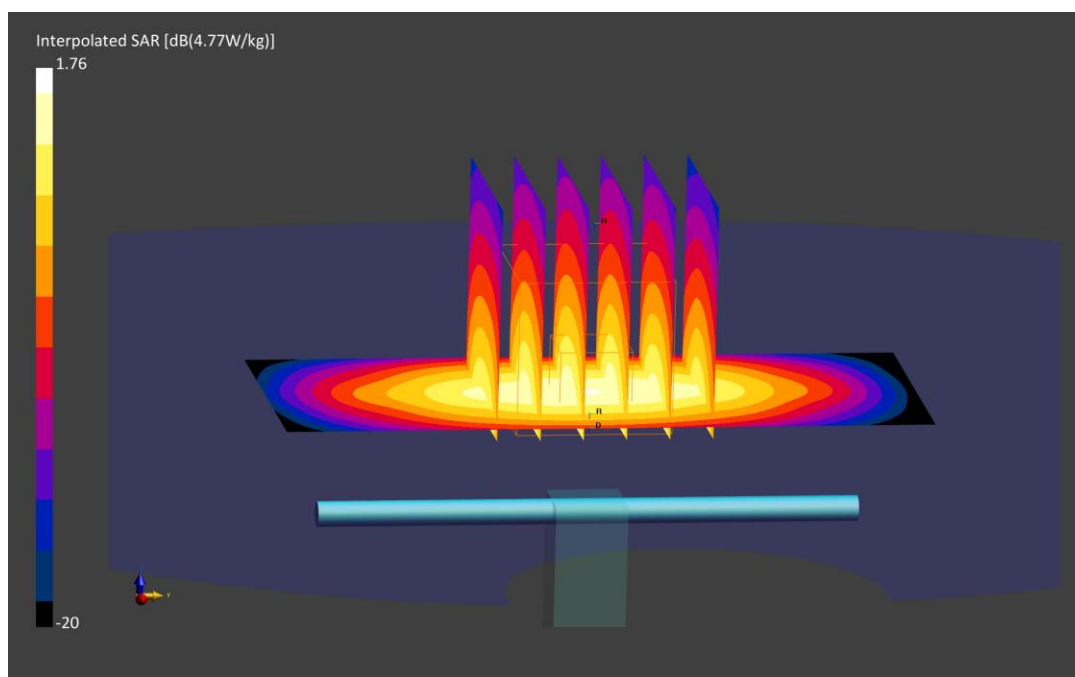
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.16 W/kg

SAR(1 g) = 3.83 W/kg

Deviation (1 g) = 1.32%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1765V2 - SN1008

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

Medium: 1750 Body; Medium parameters used:

f = 1750.0 MHz; cond = 1.54 S/m; perm = 54.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/23/2022; Ambient Temp: 21.2 C; Tissue Temp: 20.3 C

Probe: EX3DV4 - SN7410; ConvF:(7.99,7.99,7.99); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

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

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm (100 mW)

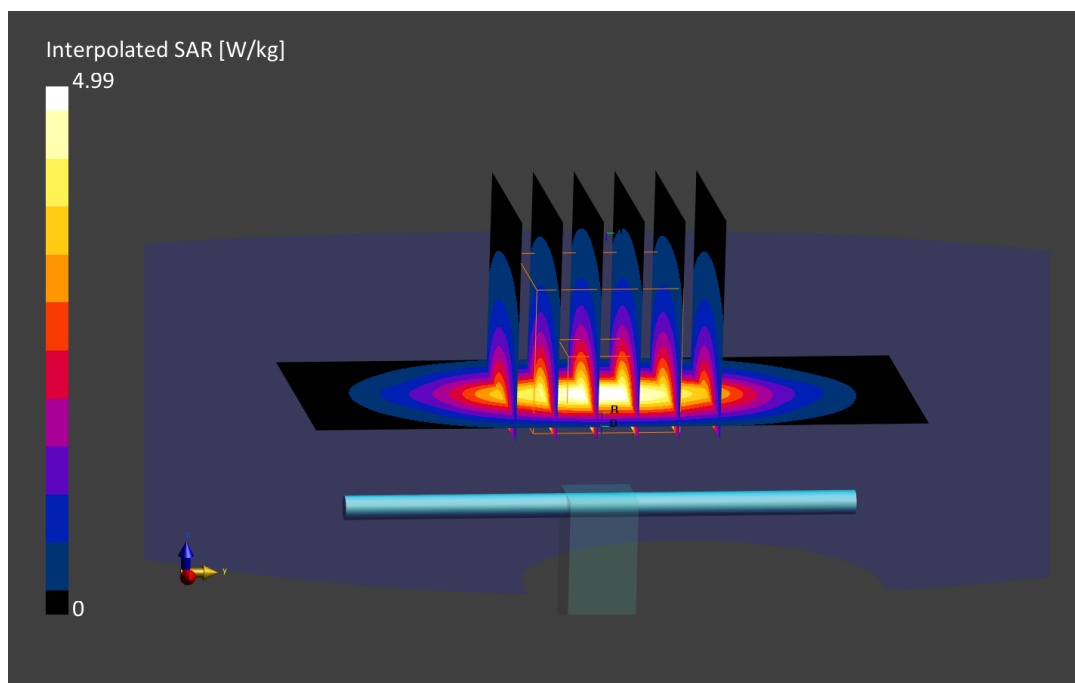
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.16 W/kg

SAR(1 g) = 3.94 W/kg

Deviation (1 g) = 4.23%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.55$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

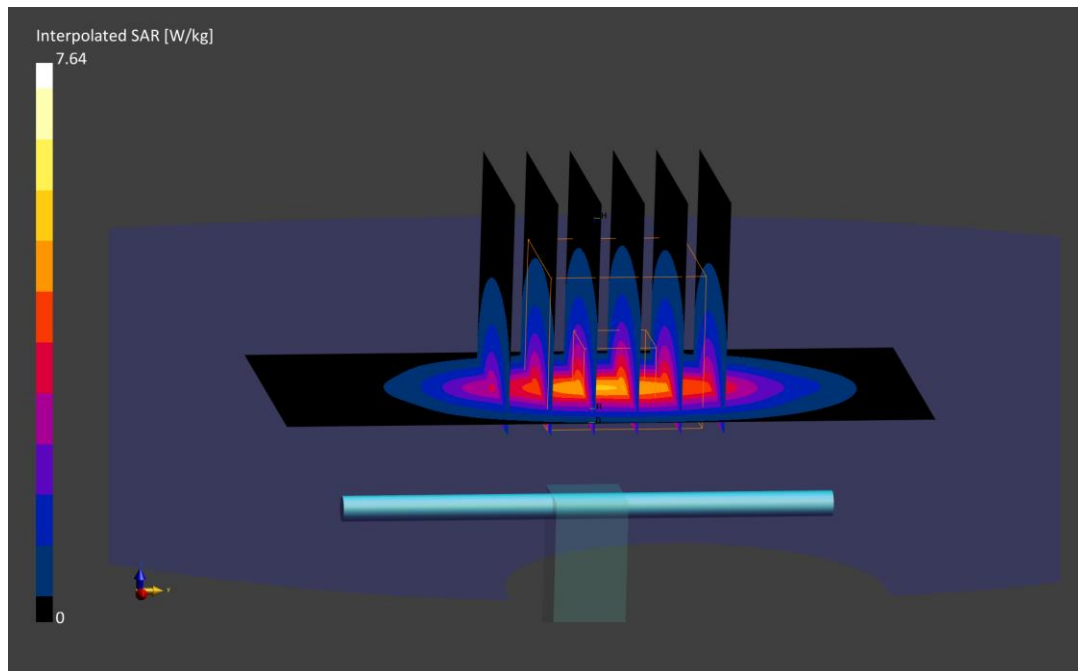
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.64 W/kg

SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.14 W/kg

Deviation (1 g) = 2.23%; Deviation (10 g) = 1.42%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.54$ S/m; $\text{perm} = 52.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 04/28/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

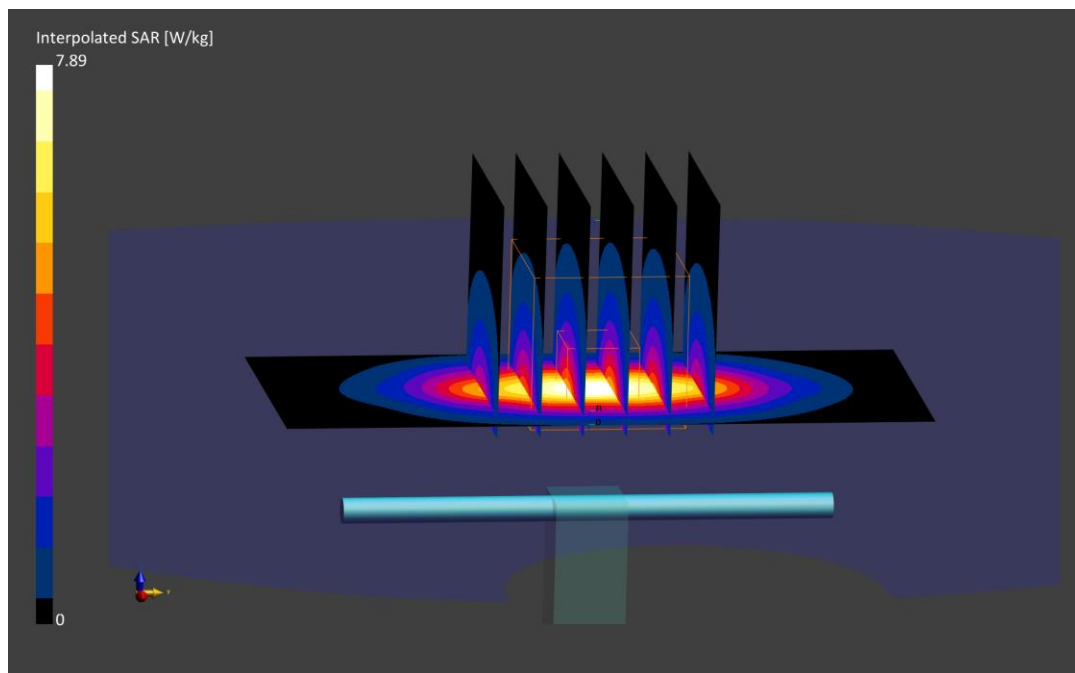
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.90 W/kg

SAR(1 g) = 4.30 W/kg

Deviation (1 g) = 6.44%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.57$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/01/2022; Ambient Temp: 24.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

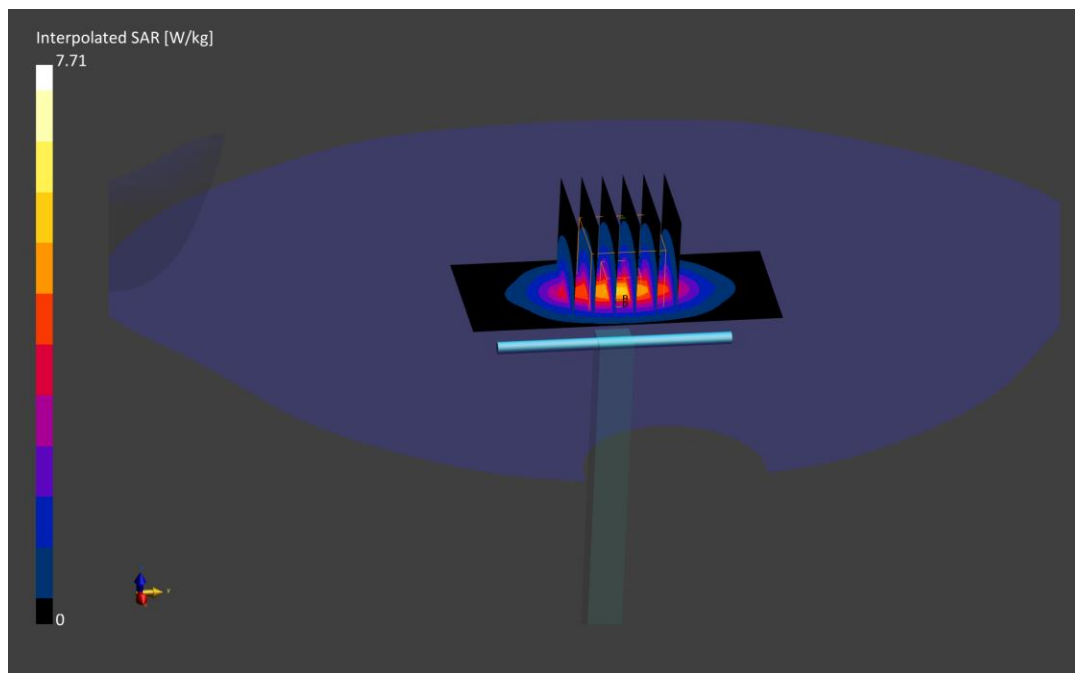
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.71 W/kg

SAR(1 g) = 4.22 W/kg

Deviation (1 g) = 4.46%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.57$ S/m; $\text{perm} = 51.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/03/2022; Ambient Temp: 24.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

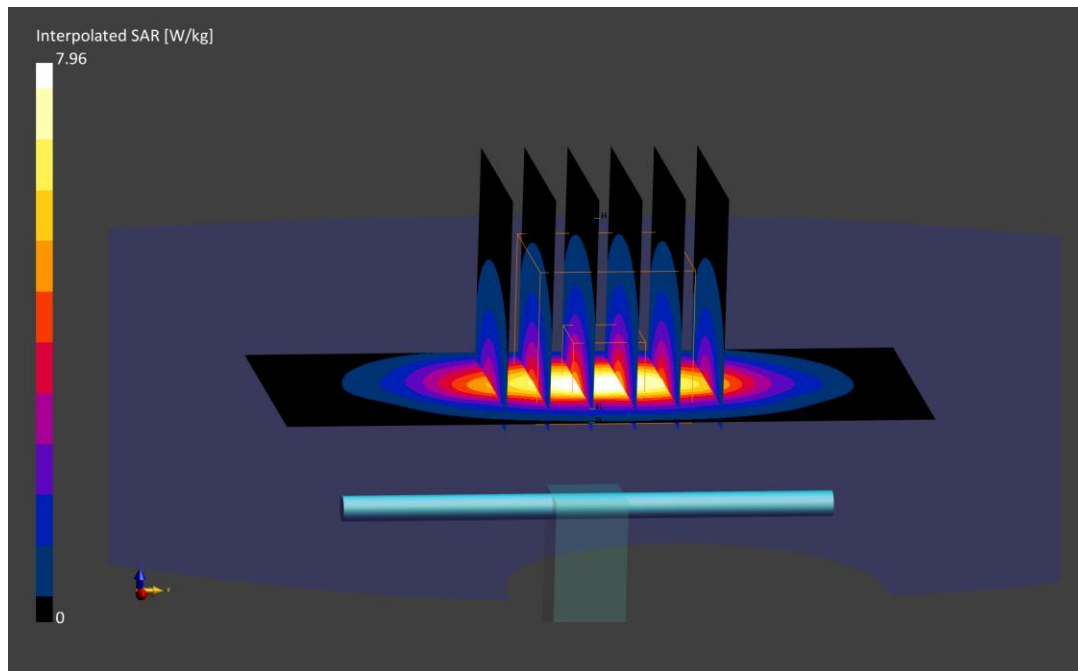
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.96 W/kg

SAR(10 g) = 2.29 W/kg

Deviation (10 g) = 7.01%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.54$ S/m; $\text{perm} = 52.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/05/2022; Ambient Temp: 24.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

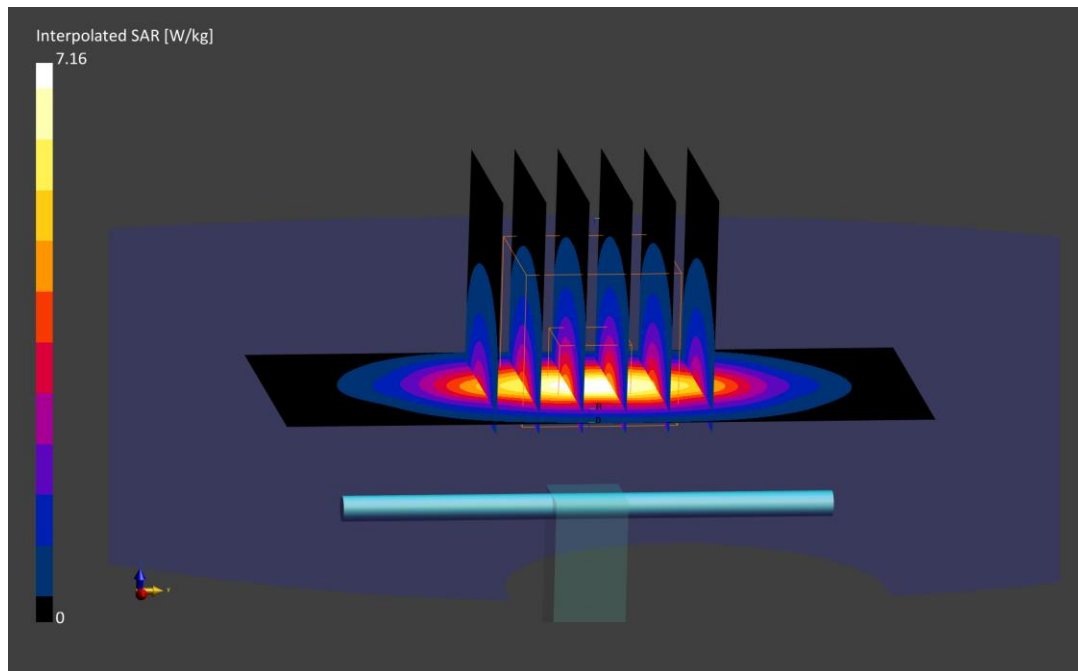
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.16 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.07 W/kg

Deviation (1 g) = -2.48%; Deviation (10 g) = -1.90%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.57$ S/m; $\text{perm} = 52.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/08/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

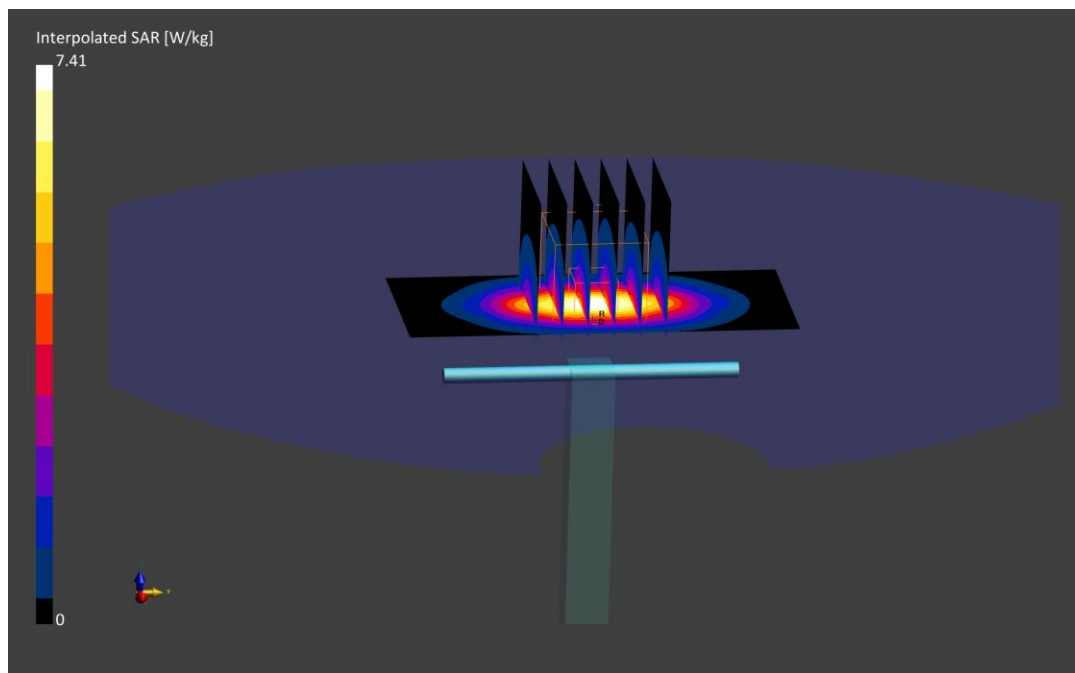
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.41 W/kg

SAR(1 g) = 4.00 W/kg; SAR(10 g) = 2.08 W/kg

Deviation (1 g) = -0.99%; Deviation (10 g) = -1.42%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Body; Medium parameters used:
 $f = 1900.0$ MHz; $\text{cond} = 1.57$ S/m; $\text{perm} = 51.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/06/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7538; ConvF:(8.28,8.28,8.28); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

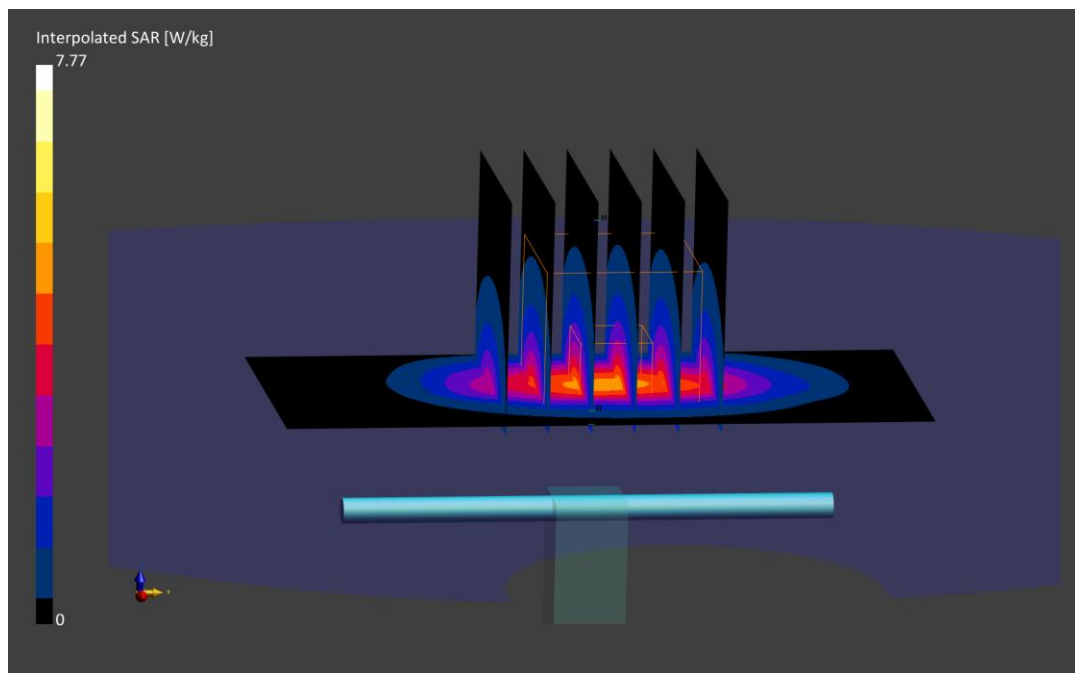
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 7.77 W/kg

SAR(10 g) = 2.09 W/kg

Deviation (10 g) = -0.95%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d080

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

Medium: 1900 Body; Medium parameters used:

$f = 1900.0$ MHz; $\text{cond} = 1.57$ S/m; $\text{perm} = 51.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/08/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7538; ConvF:(8.28,8.28,8.28); Calibrated: 2021-11-16

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

Electronics: DAE4 Sn1323; Calibrated: 2021-11-10

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

1900 MHz System Verification at 20 dBm (100 mW)

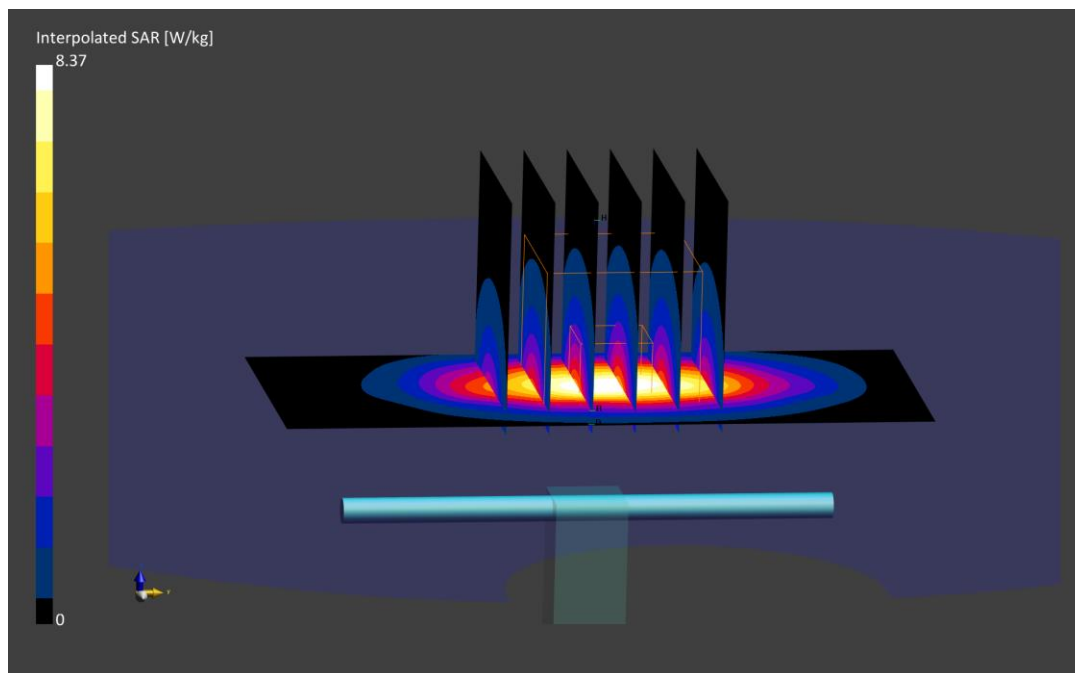
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 8.37 W/kg

SAR(10 g) = 2.25 W/kg

Deviation (10 g) = 5.14%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2300.0$ MHz; $\text{cond} = 1.82$ S/m; $\text{perm} = 51.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/06/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

2300 MHz System Verification at 20 dBm (100 mW)

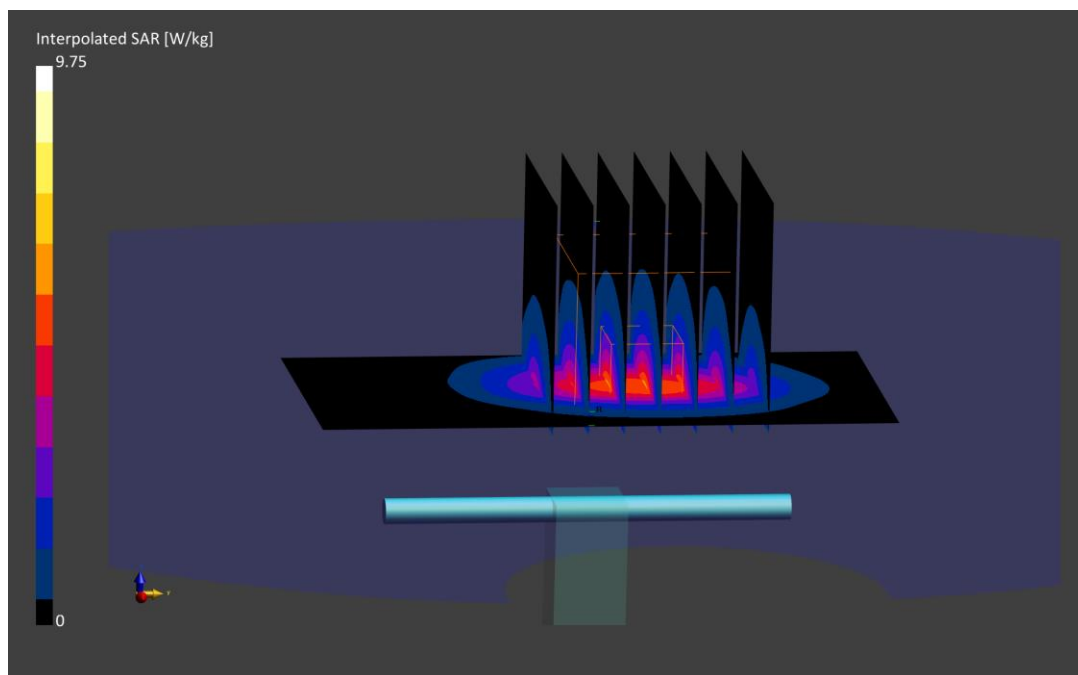
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 9.75 W/kg

SAR(1 g) = 4.67 W/kg

Deviation (1 g) = -3.51%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2300.0$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/25/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

2300 MHz System Verification at 20 dBm (100 mW)

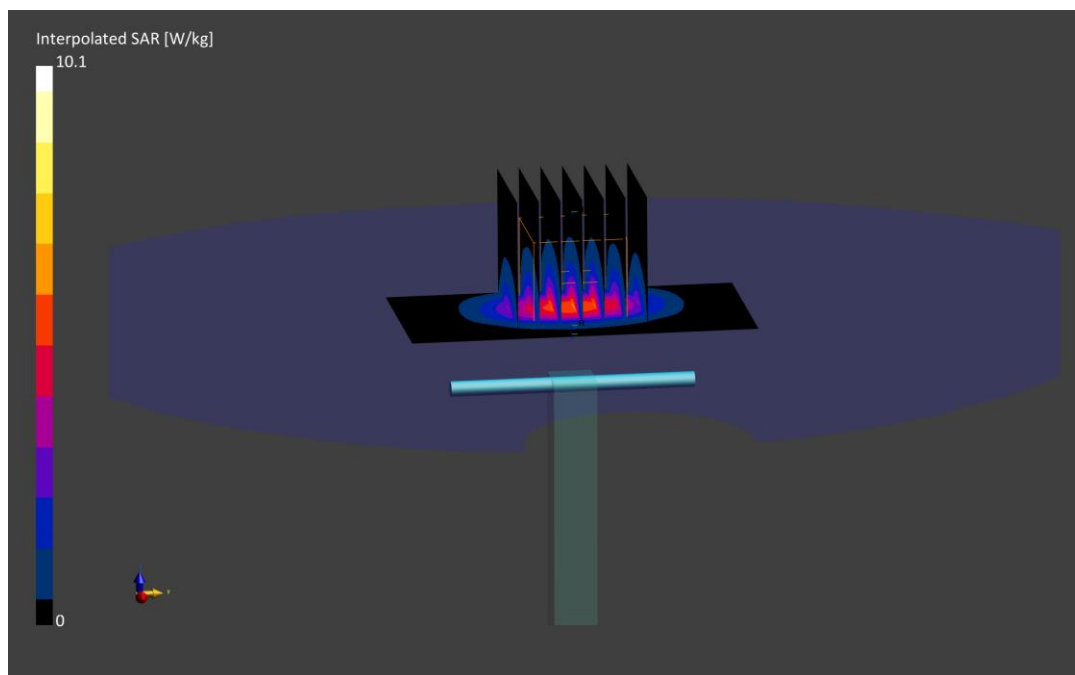
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.1 W/kg

SAR(1 g) = 4.91 W/kg

Deviation (1 g) = 1.45%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2300.0 MHz; cond = 1.79 S/m; perm = 51.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

2300 MHz System Verification at 20 dBm (100 mW)

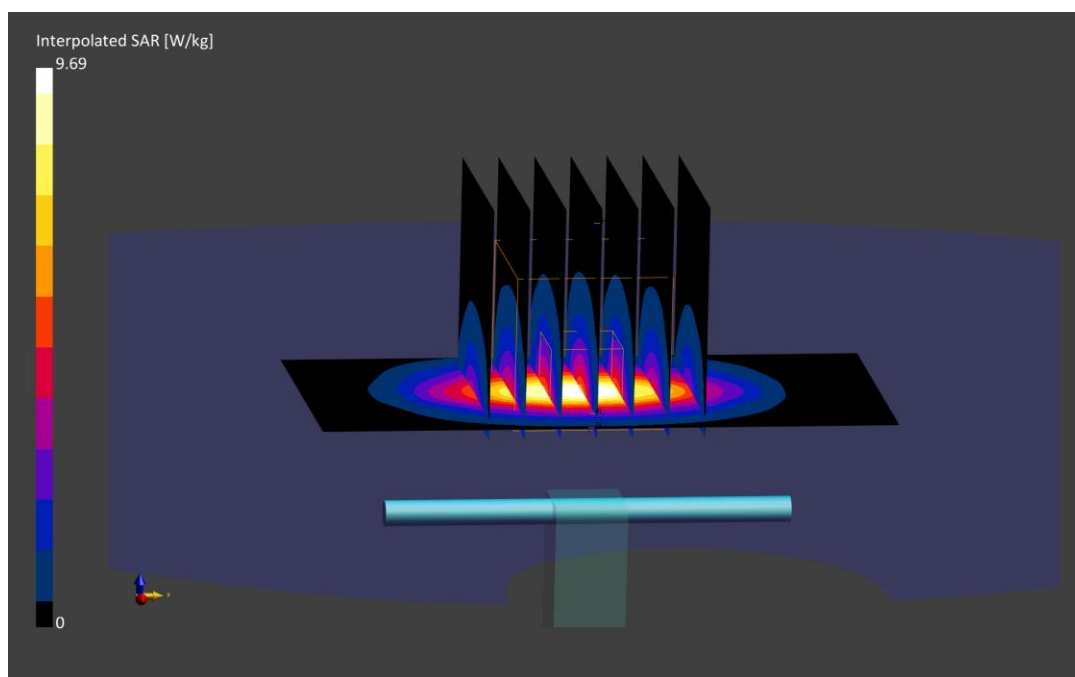
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 9.69 W/kg

SAR(10 g) = 2.22 W/kg

Deviation (10 g) = -5.13%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2300.0$ MHz; $\text{cond} = 1.82$ S/m; $\text{perm} = 51.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/31/2022; Ambient Temp: 24.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

2300 MHz System Verification at 20 dBm (100 mW)

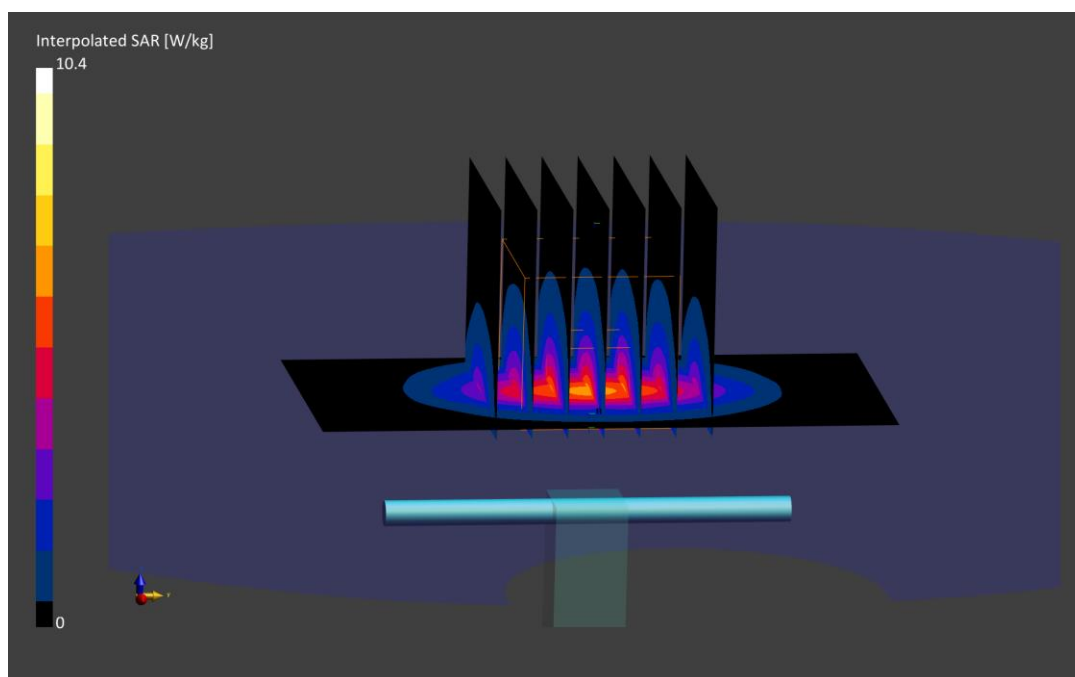
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 5.10 W/kg; SAR(10 g) = 2.43 W/kg

Deviation (1 g) = 5.37%; Deviation (10 g) = 3.85%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2300.0$ MHz; $\text{cond} = 1.86$ S/m; $\text{perm} = 50.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/12/2022; Ambient Temp: 22.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.6,7.6,7.6); Calibrated: 2022-02-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2022-02-22
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.0.2.83

2300 MHz System Verification at 20 dBm (100 mW)

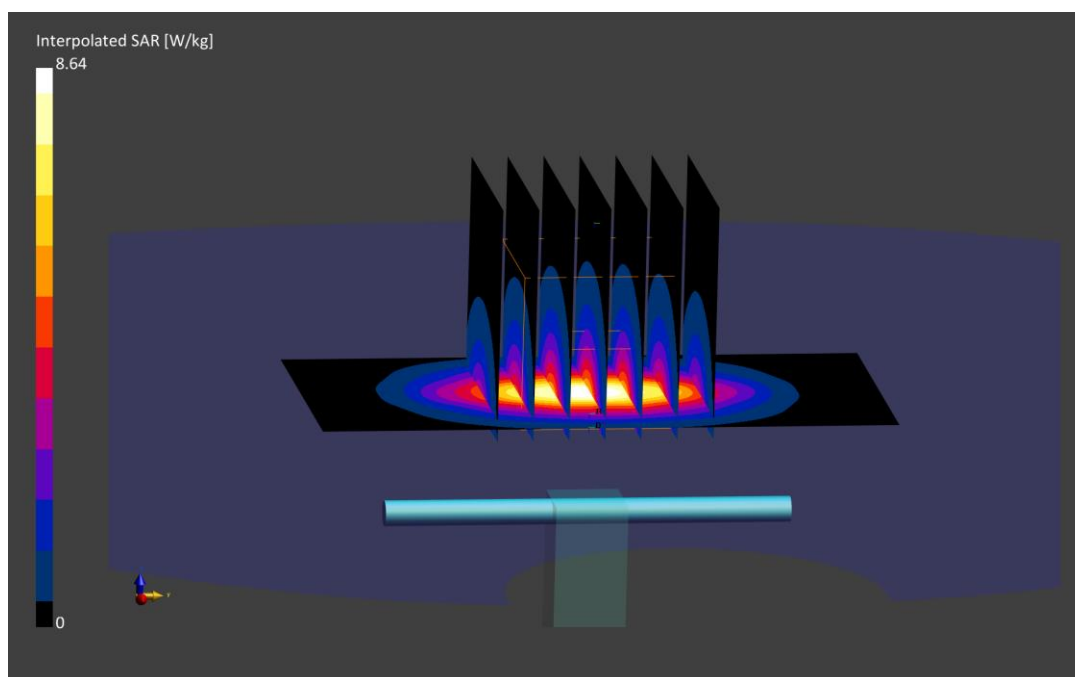
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 8.64 W/kg

SAR(1 g) = 4.58 W/kg

Deviation (1 g) = -5.37%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN719

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2450.0$ MHz; $\text{cond} = 2.01$ S/m; $\text{perm} = 51.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/01/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.38,7.38,7.38); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

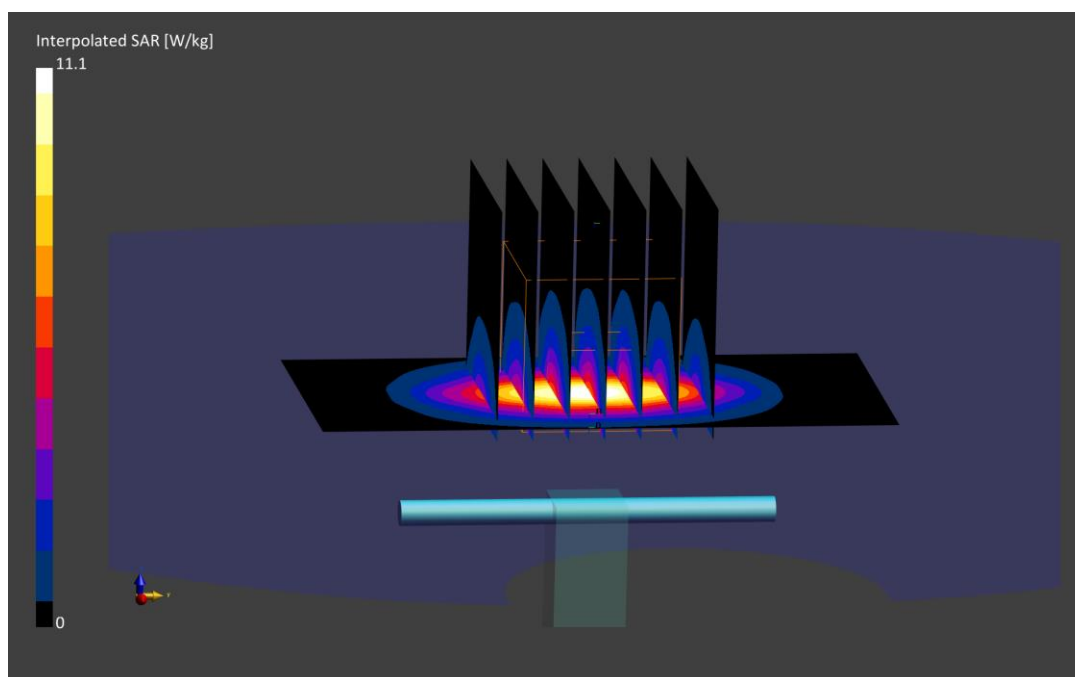
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.1 W/kg

SAR(1 g) = 5.08 W/kg

Deviation (1 g) = -2.31%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN797

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2450.0$ MHz; $\text{cond} = 1.93$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/10/2022; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7552; ConvF:(7.44,7.44,7.44); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2450 MHz System Verification at 20 dBm (100 mW)

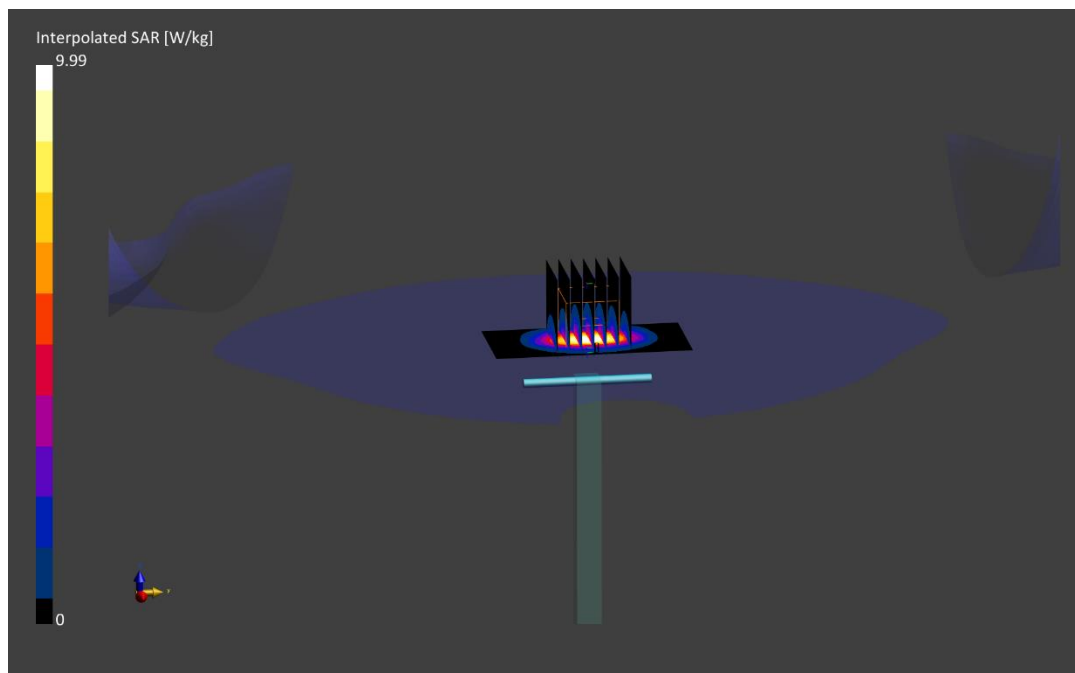
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 9.99 W/kg

SAR(1 g) = 4.74 W/kg

Deviation (1 g) = -4.05%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN797

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2450.0$ MHz; $\text{cond} = 1.99$ S/m; $\text{perm} = 50.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/15/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.44,7.44,7.44); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2450 MHz System Verification at 20 dBm (100 mW)

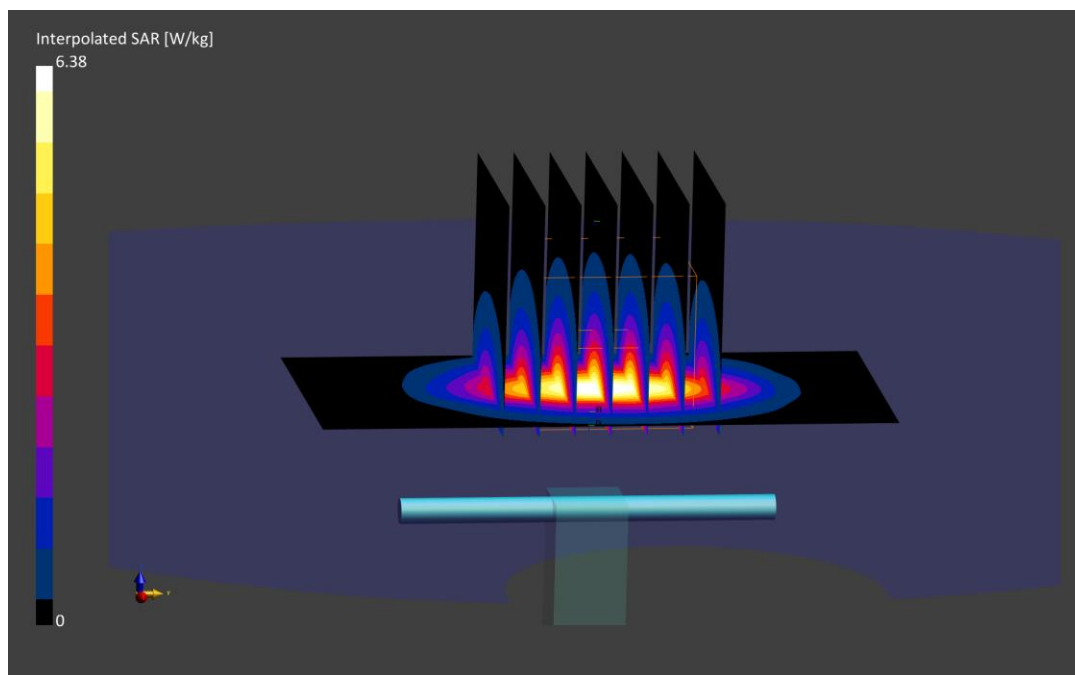
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.3 W/kg

SAR(1 g) = 4.84 W/kg; SAR(10 g) = 2.21 W/kg

Deviation (1 g) = -2.02%; Deviation (10 g) = -5.56%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN797

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

Medium: 2450 Body; Medium parameters used:

$f = 2450.0$ MHz; $\text{cond} = 1.99$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.44,7.44,7.44); Calibrated: 2021-09-20

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

Electronics: DAE4 Sn1680; Calibrated: 2021-08-04

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

Measurement SW: DASY Module SAR V16.0.2.83

2450 MHz System Verification at 20 dBm (100 mW)

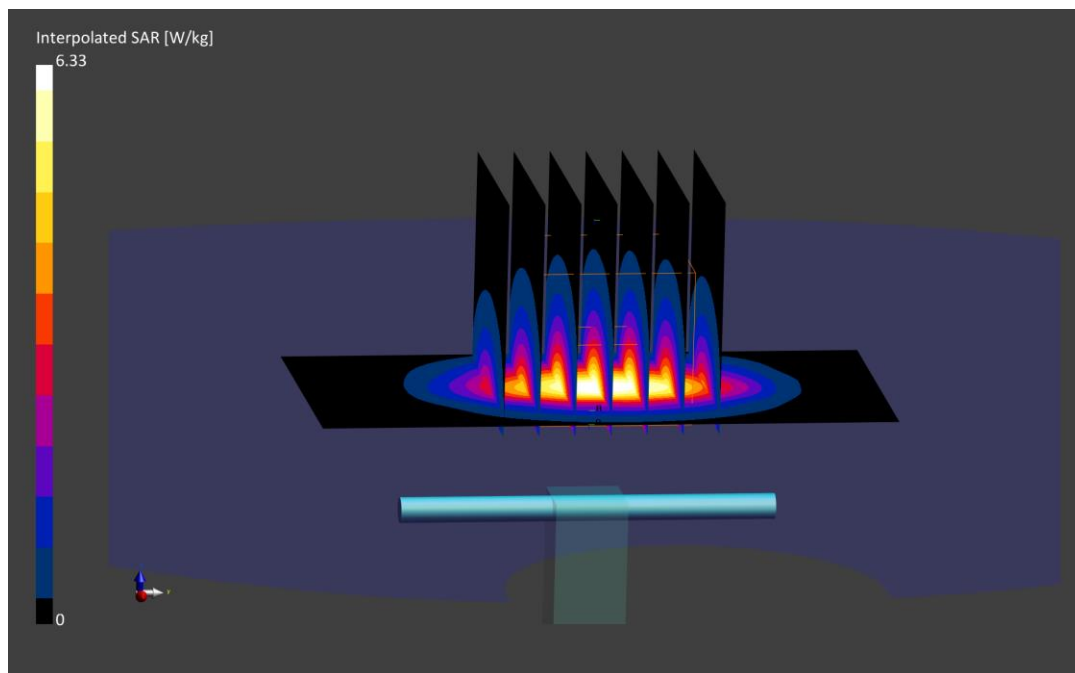
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.3 W/kg

SAR(1 g) = 4.87 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = -1.42%; Deviation (10 g) = -4.70%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; cond = 2.00 S/m; perm = 52.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/21/2022; Ambient Temp: 20.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

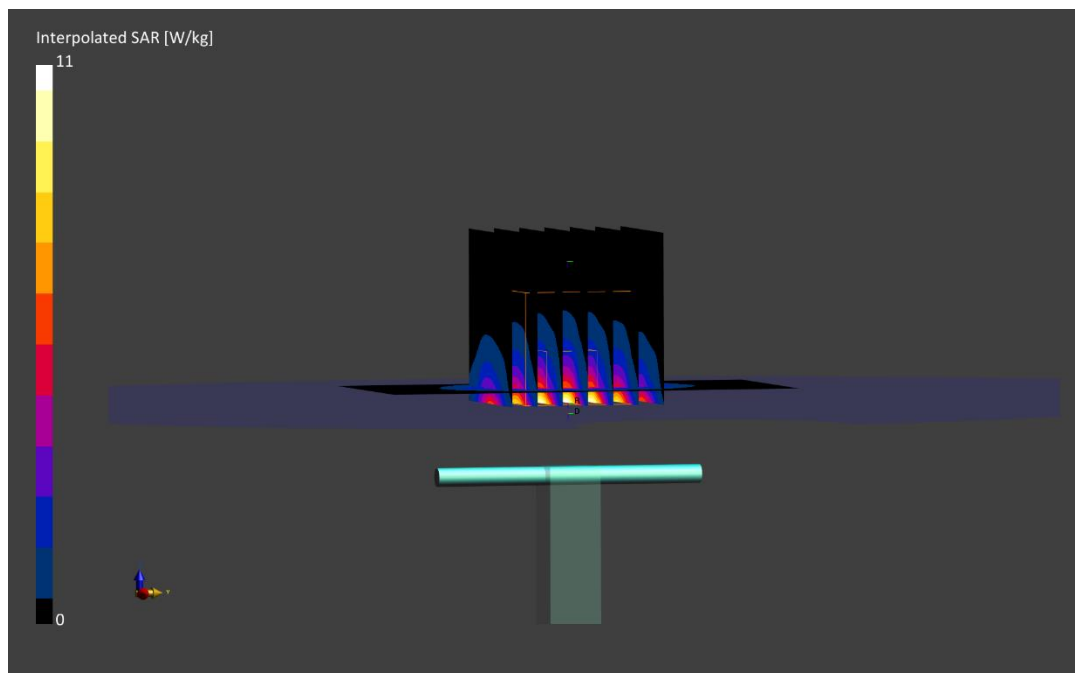
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.03 W/kg

Deviation (1 g) = 0.00%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN719

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2450.0$ MHz; $\text{cond} = 2.03$ S/m; $\text{perm} = 51.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/24/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

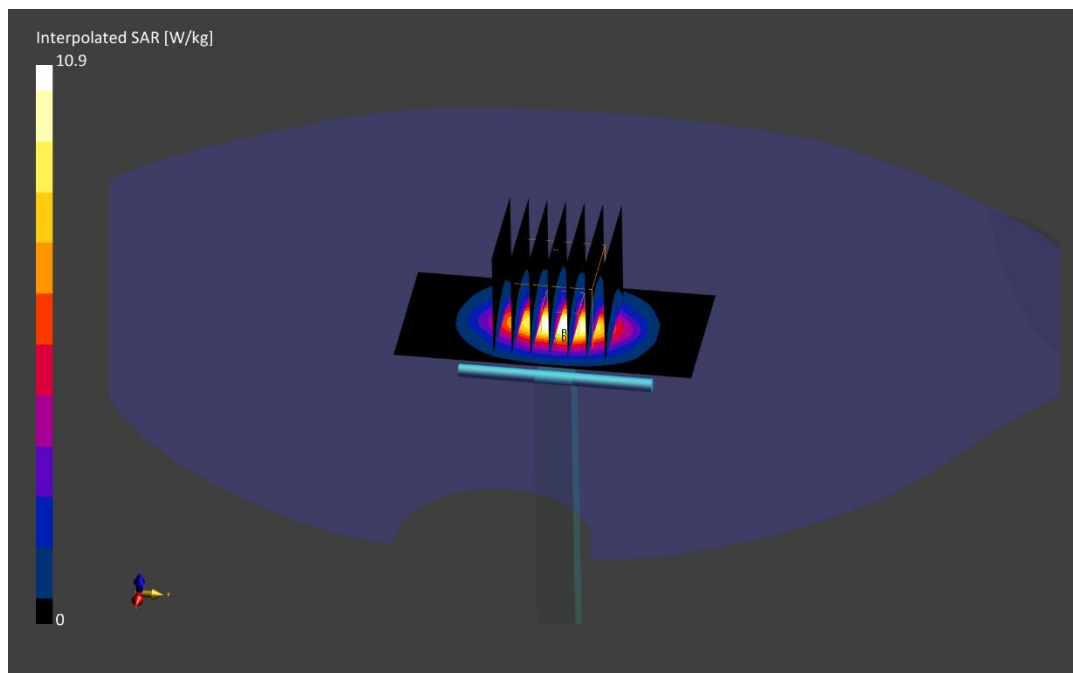
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 4.96 W/kg; SAR(10 g) = 2.24 W/kg

Deviation (1 g) = -4.62%; Deviation (10 g) = -9.31%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN719

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2450.0$ MHz; $\text{cond} = 2.04$ S/m; $\text{perm} = 52.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/02/2022; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

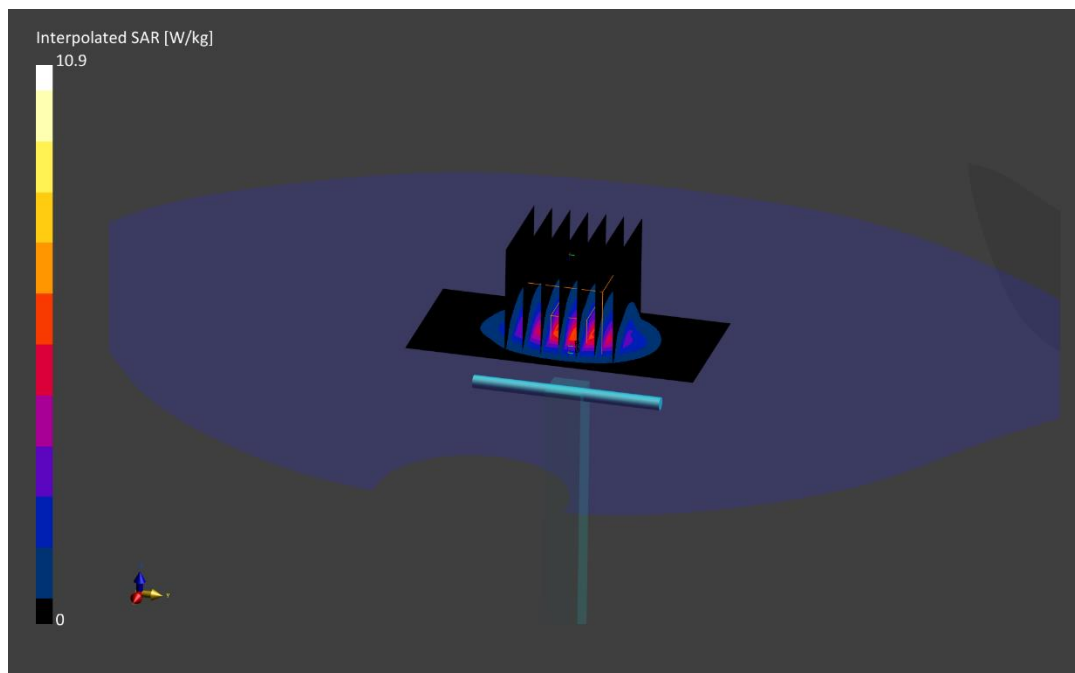
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 4.97 W/kg; SAR(10 g) = 2.27 W/kg

Deviation (1 g) = -4.42%; Deviation (10 g) = -8.10%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1004

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
 Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 50.5$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/01/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.24,7.24,7.24); Calibrated: 2021-06-21
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
 Phantom: Twin-SAM V5.0; Serial: 1759
 Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

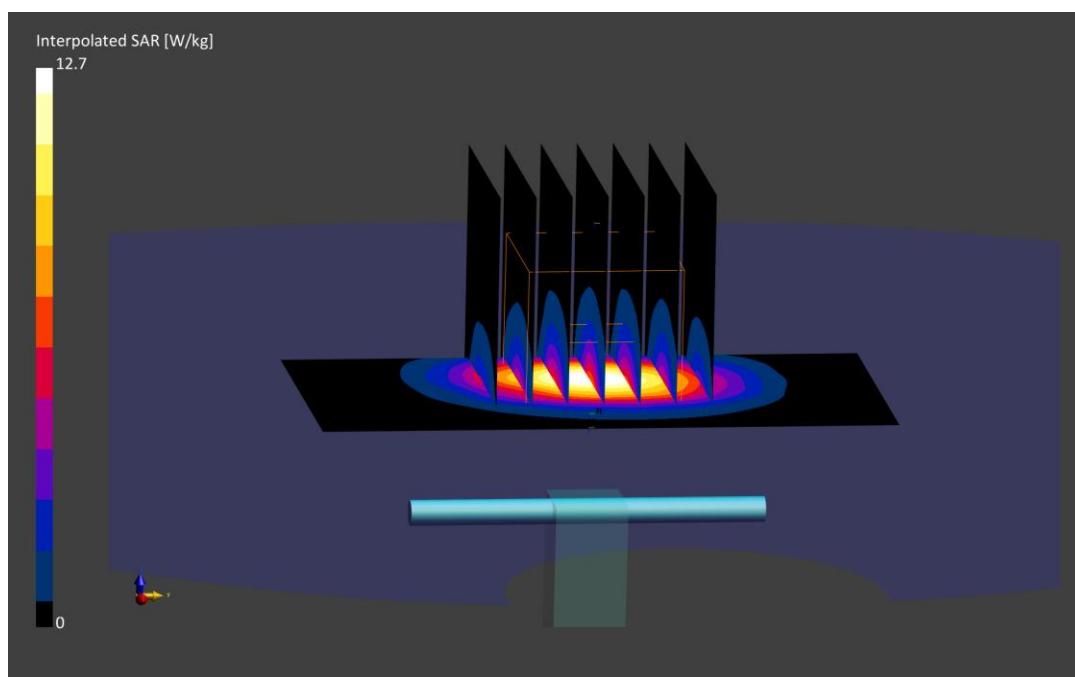
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.63 W/kg

Deviation (1 g) = 1.62%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.14$ S/m; $\text{perm} = 50.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/10/2022; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

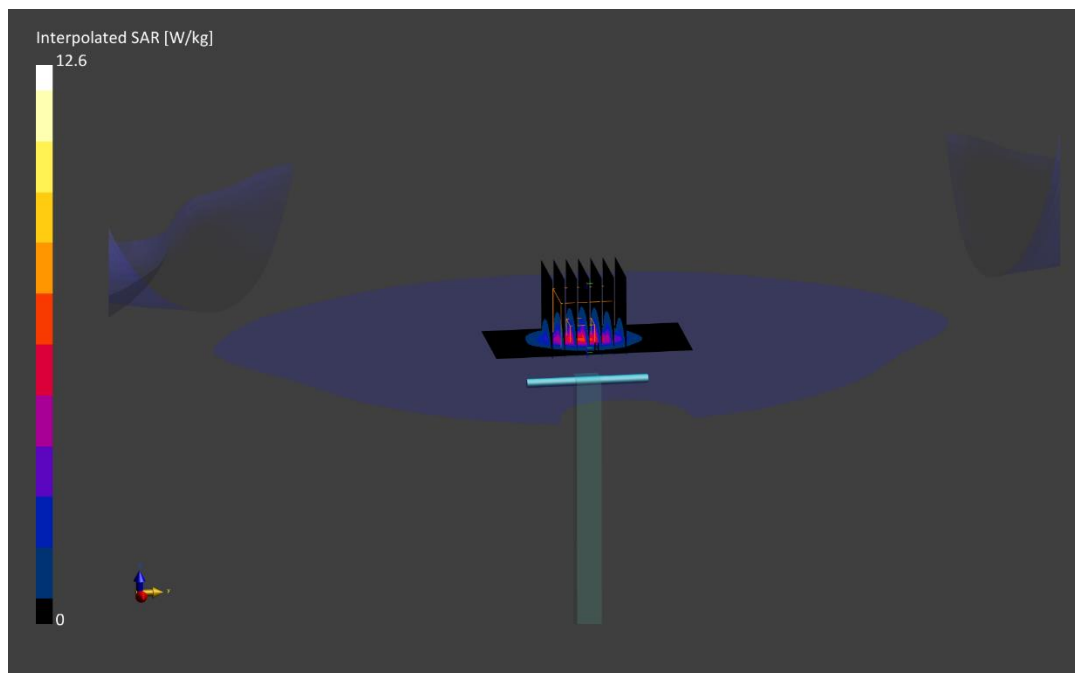
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.6 W/kg

SAR(1 g) = 5.48 W/kg

Deviation (1 g) = -1.44%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.19$ S/m; $\text{perm} = 50.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/15/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

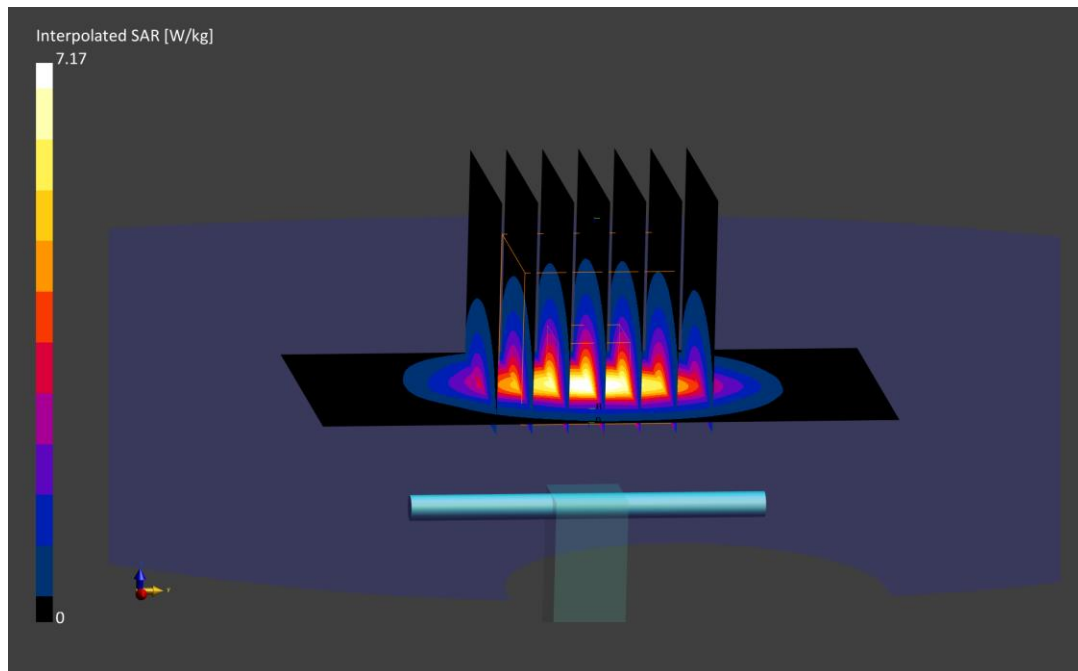
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.2 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.38 W/kg

Deviation (1 g) = -2.34%; Deviation (10 g) = -4.80%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.19$ S/m; $\text{perm} = 50.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

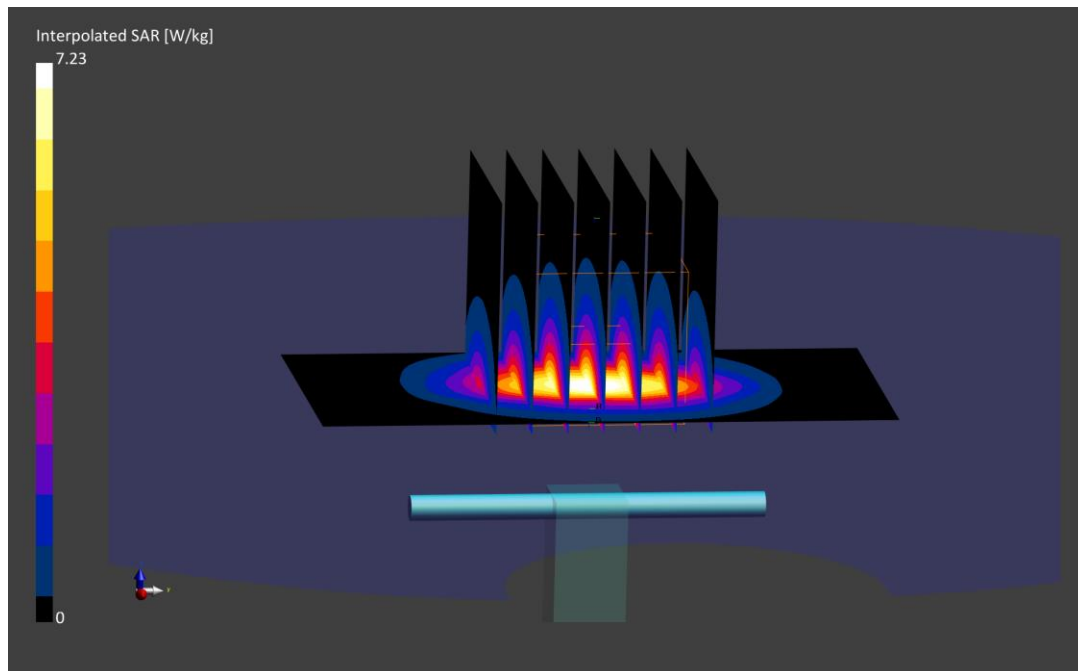
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.1 W/kg

SAR(1 g) = 5.47 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -1.62%; Deviation (10 g) = -3.60%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 50.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/22/2022; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

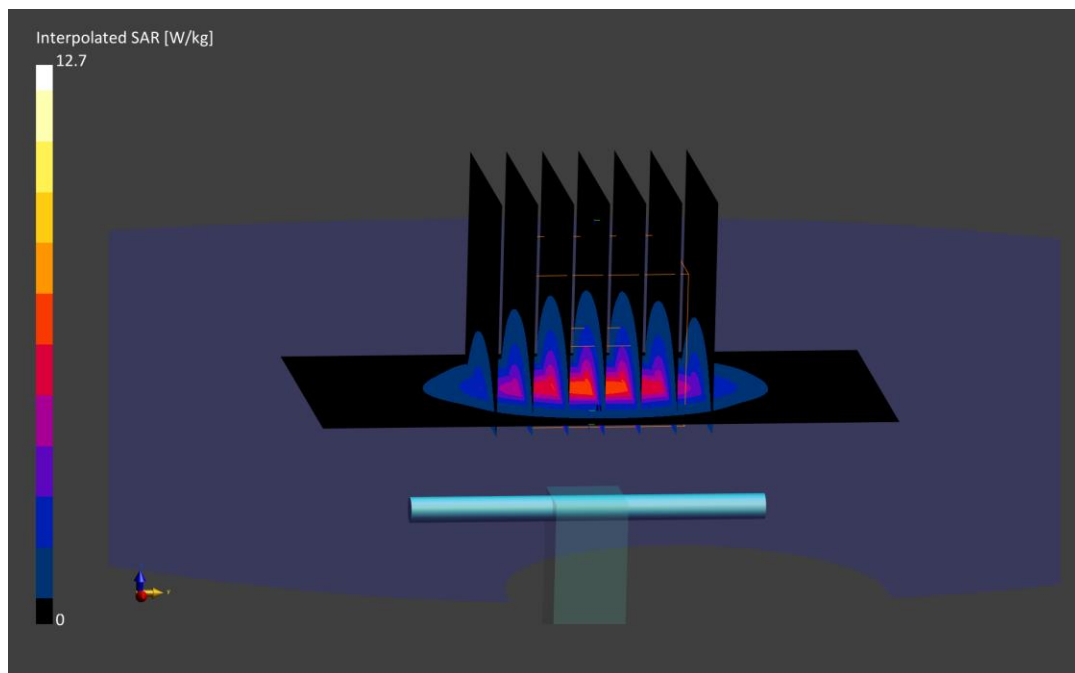
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.54 W/kg; SAR(10 g) = 2.43 W/kg

Deviation (1 g) = -0.36%; Deviation (10 g) = -2.80%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.17$ S/m; $\text{perm} = 50.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/25/2022; Ambient Temp: 20.5°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

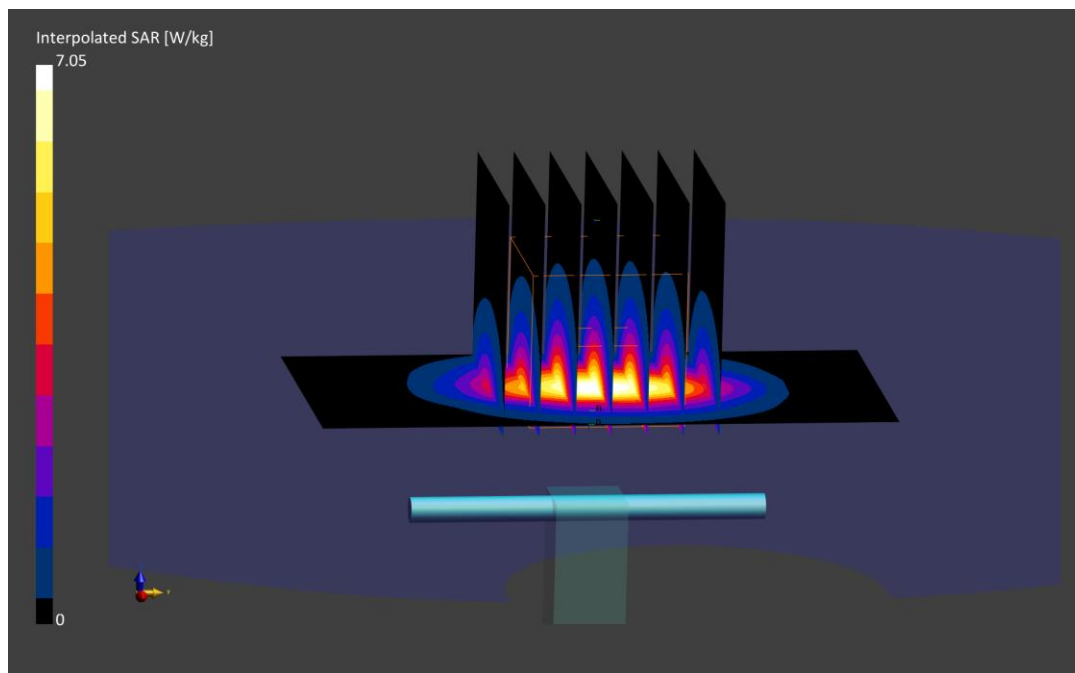
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.35 W/kg; SAR(10 g) = 2.37 W/kg

Deviation (1 g) = -3.78%; Deviation (10 g) = -5.20%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
 Medium: 2450 Body; Medium parameters used:
 $f = 2600.0$ MHz; $\text{cond} = 2.17$ S/m; $\text{perm} = 51.0$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
 Phantom: Twin-SAM V8.0; Serial: 2065
 Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

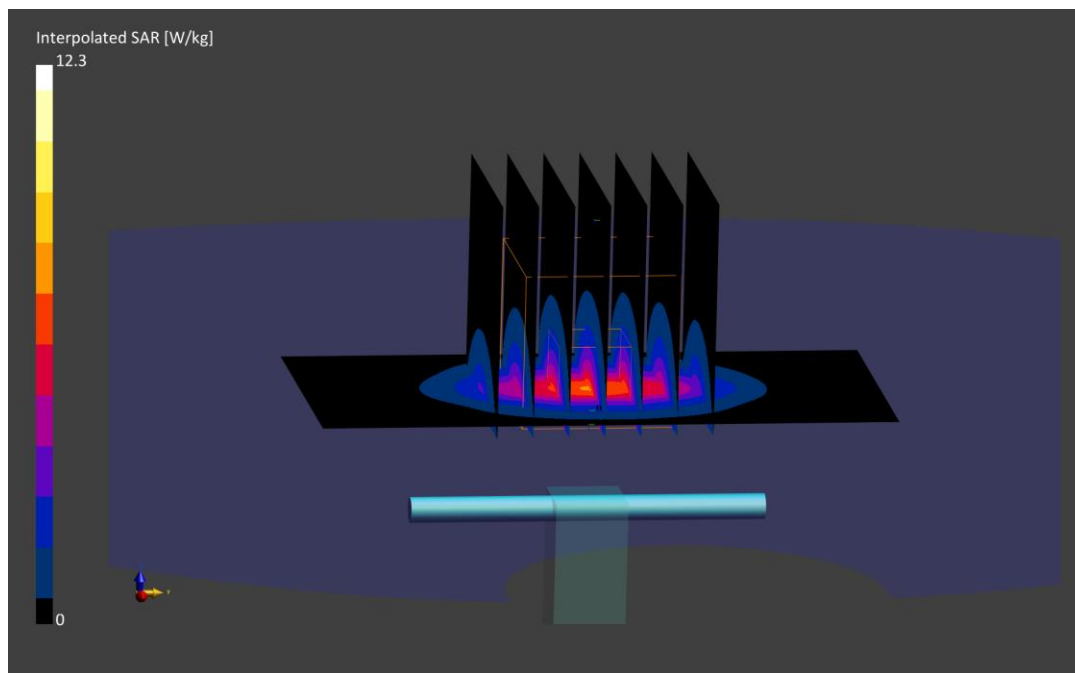
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.3 W/kg

SAR(1 g) = 5.46 W/kg; SAR(10 g) = 2.39 W/kg

Deviation (1 g) = -1.80%; Deviation (10 g) = -4.40%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN981

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

Medium: 2450 Body; Medium parameters used:

f = 2450.0 MHz; cond = 1.97 S/m; perm = 50.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/16/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7417; ConvF:(7.57,7.57,7.57); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

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

Measurement SW: DASY Module SAR V16.0.2.83

2450 MHz System Verification at 20 dBm (100 mW)

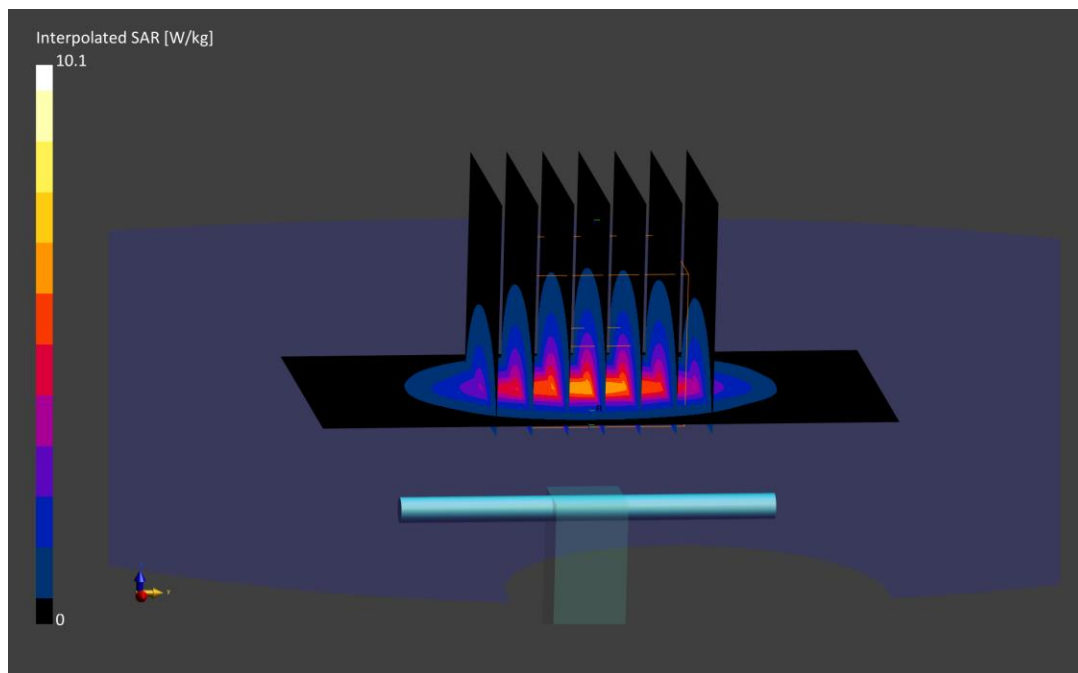
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.1 W/kg

SAR(1 g) = 5.01 W/kg; SAR(10 g) = 2.35 W/kg

Deviation (1 g) = -0.40%; Deviation (10 g) = -0.84%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1071

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

Medium: 2450 Body; Medium parameters used:

f = 2600.0 MHz; cond = 2.11 S/m; perm = 50.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/14/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

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

Measurement SW: DASY Module SAR V16.0.2.83

2600 MHz System Verification at 20 dBm (100 mW)

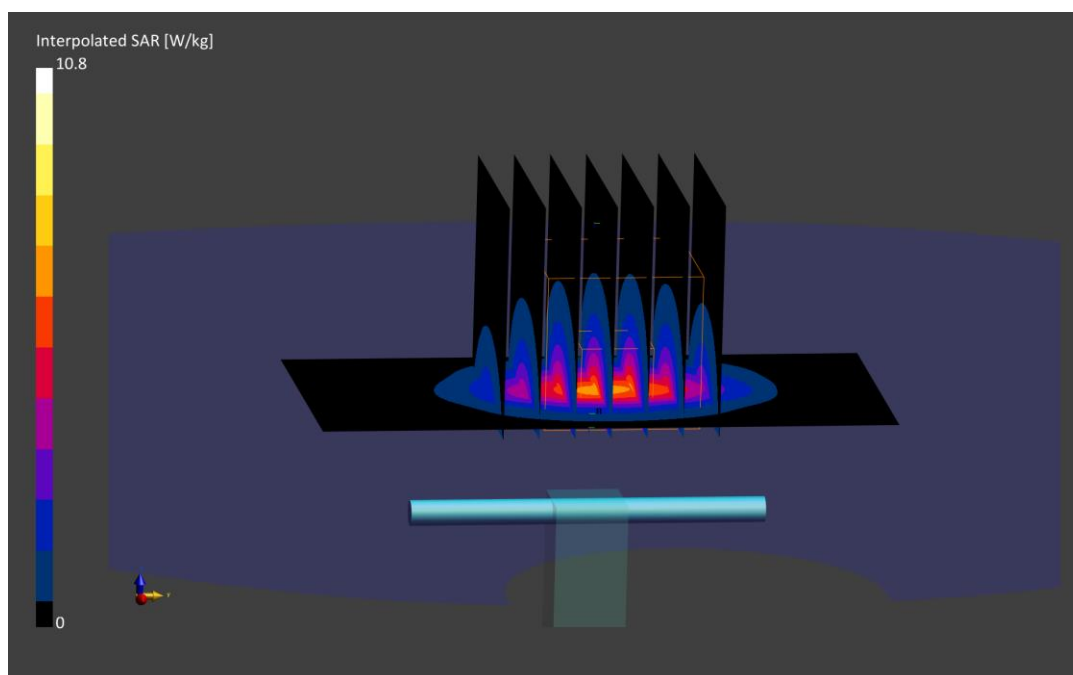
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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(10 g) = 2.41 W/kg

Deviation (10 g) = 0.00%;



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
 Medium: 3600 Body; Medium parameters used:
 $f = 3500.0$ MHz; $\text{cond} = 3.20$ S/m; $\text{perm} = 51.0$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/04/2022; Ambient Temp: 23.7°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7538; ConvF:(6.46,6.46,6.46); Calibrated: 2021-11-16
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
 Phantom: Twin-SAM V8.0; Serial: 2056
 Measurement SW: DASY Module SAR V16.0.2.83

3500 MHz System Verification at 20 dBm (100 mW)

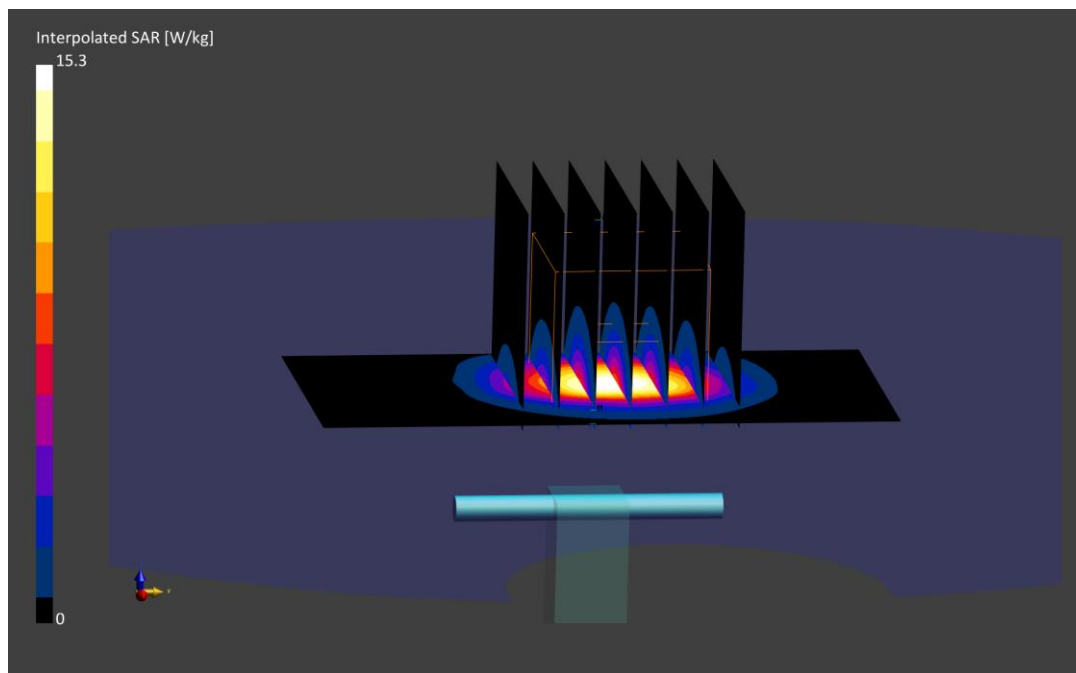
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.3 W/kg

SAR(1 g) = 6.36 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = -0.93%; Deviation (10 g) = 3.36%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3500.0$ MHz; $\text{cond} = 3.17$ S/m; $\text{perm} = 51.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

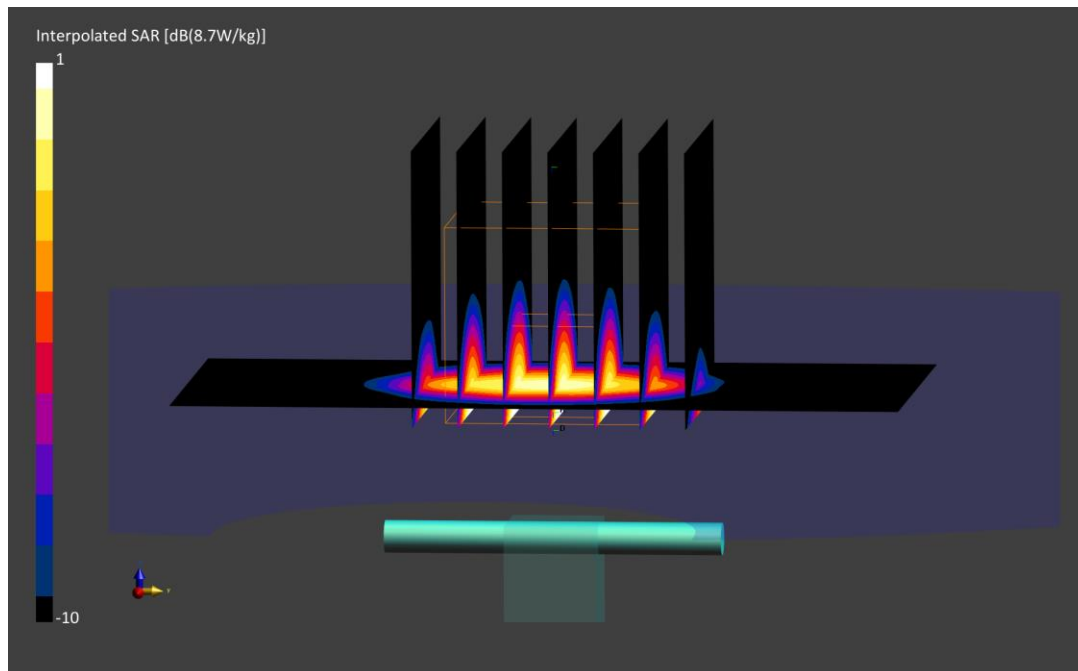
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.7 W/kg

SAR(1 g) = 6.23 W/kg; SAR(10 g) = 2.37 W/kg

Deviation (1 g) = -2.96%; Deviation (10 g) = -0.42%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3500.0$ MHz; $\text{cond} = 3.18$ S/m; $\text{perm} = 49.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

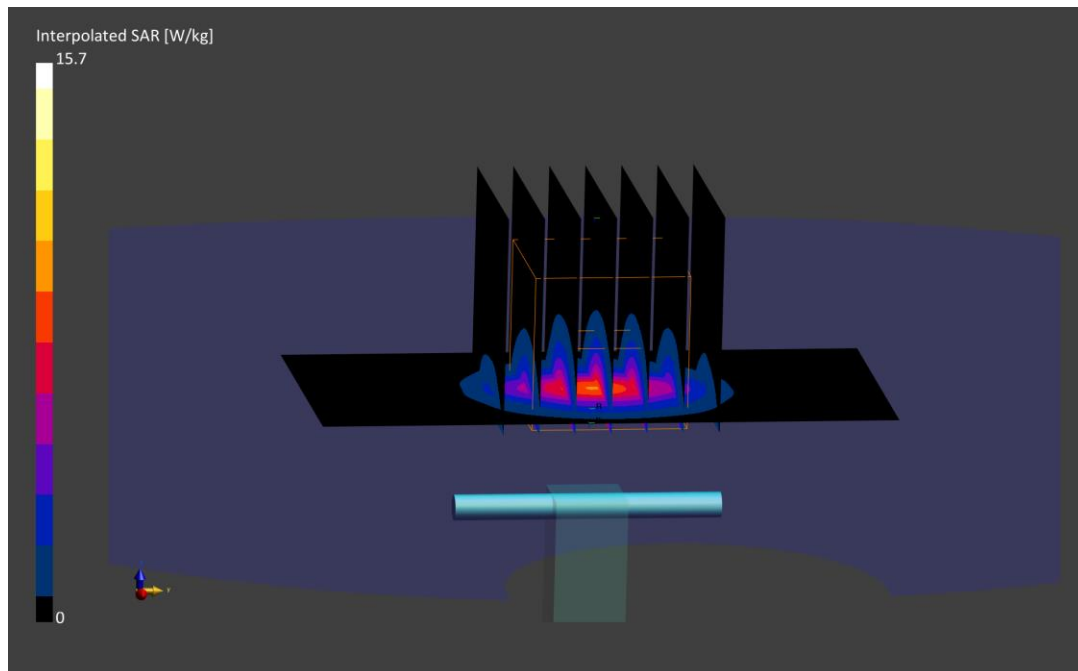
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.7 W/kg

SAR(1 g) = 6.43 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = 0.16%; Deviation (10 g) = 3.36%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3500.0$ MHz; $\text{cond} = 3.16$ S/m; $\text{perm} = 49.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/30/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7538; ConvF:(6.46,6.46,6.46); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

3500 MHz System Verification at 20 dBm (100 mW)

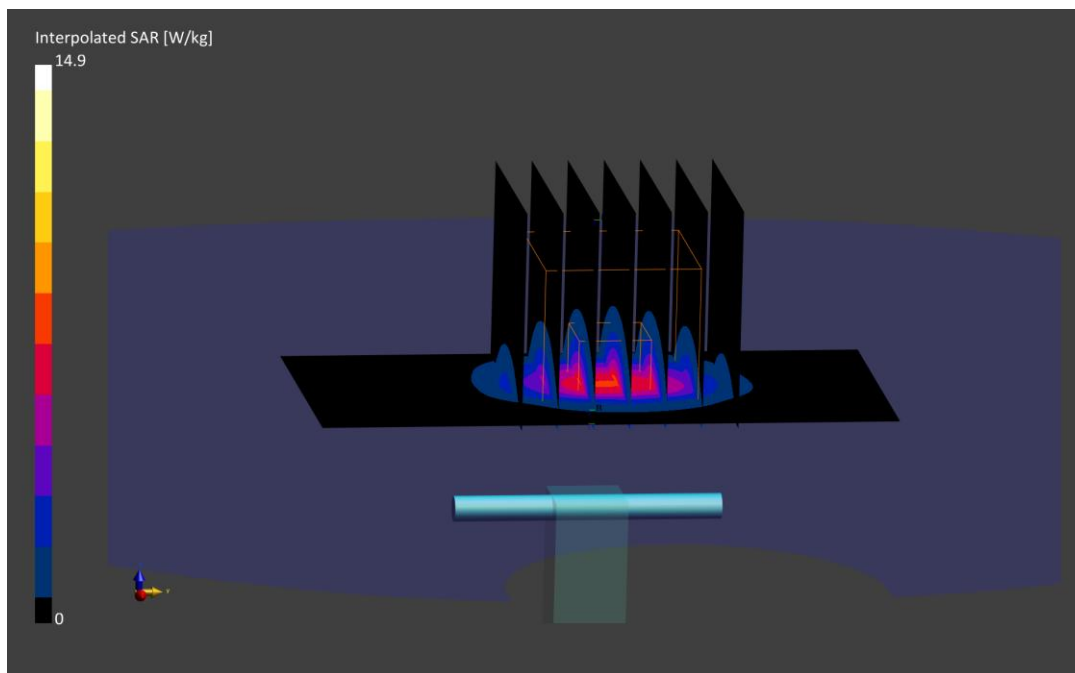
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 14.9 W/kg

SAR(1 g) = 5.99 W/kg

Deviation (1 g) = -6.70%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3500.0$ MHz; $\text{cond} = 3.23$ S/m; $\text{perm} = 50.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/19/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.52,6.52,6.52); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

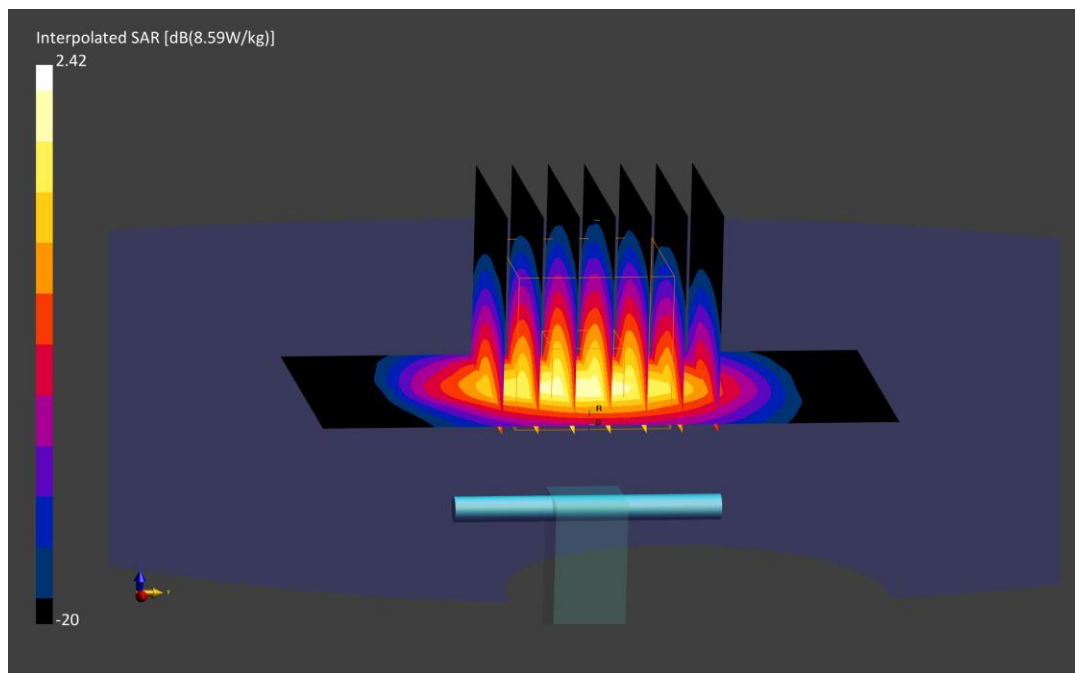
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.0 W/kg

SAR(1 g) = 6.03 W/kg; SAR(10 g) = 2.30 W/kg

Deviation (1 g) = -6.07%; Deviation (10 g) = -3.36%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.17 S/m; perm = 51.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/22/2022; Ambient Temp: 21.5 C; Tissue Temp: 19.3 C

Probe: EX3DV4 - SN7670; ConvF:(6.52,6.52,6.52); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm (100 mW)

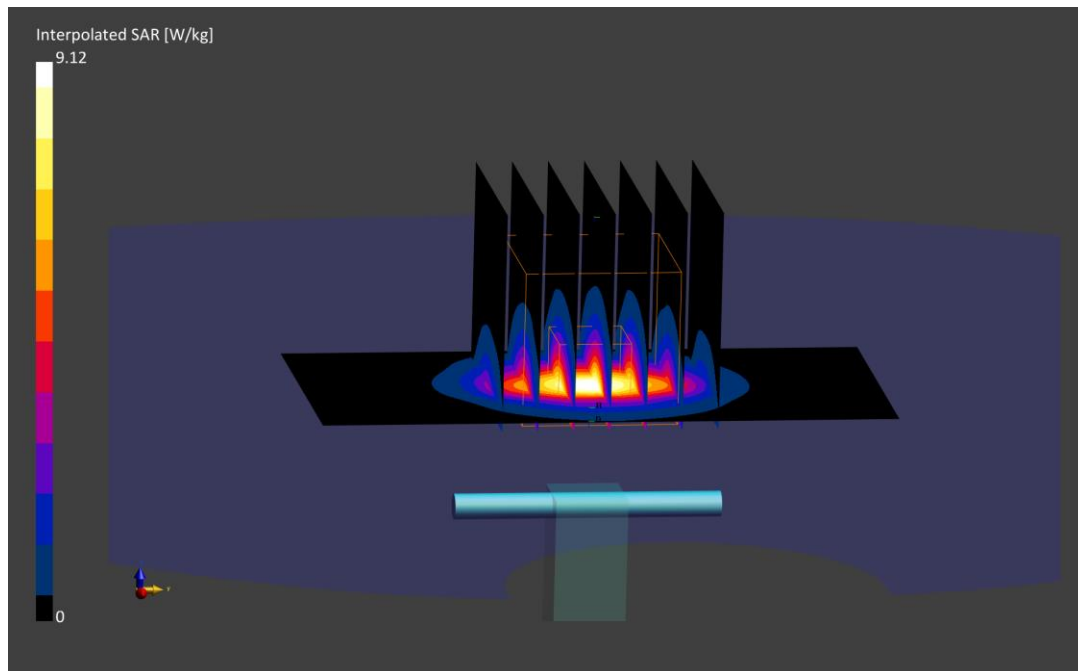
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.6 W/kg

SAR(1 g) = 6.30 W/kg

Deviation (1 g) = -1.87%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
 Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.43$ S/m; $\text{perm} = 50.7$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/04/2022; Ambient Temp: 23.7°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7538; ConvF:(6.36,6.36,6.36); Calibrated: 2021-11-16
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
 Phantom: Twin-SAM V8.0; Serial: 2056
 Measurement SW: DASY Module SAR V16.0.2.83

3700 MHz System Verification at 20 dBm (100 mW)

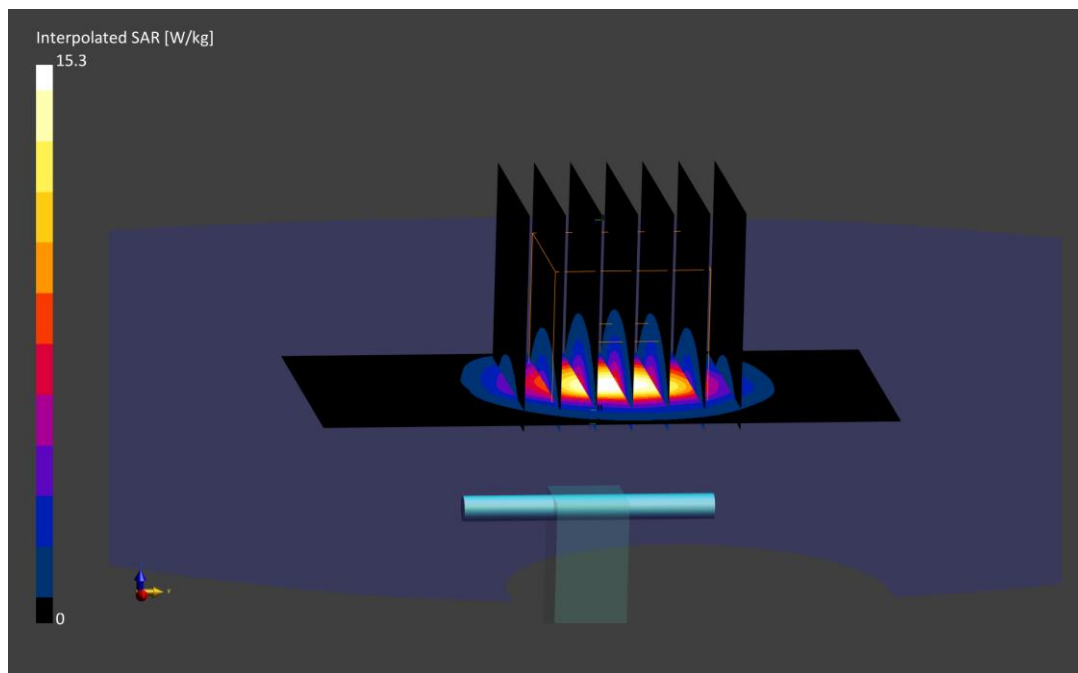
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.3 W/kg

SAR(1 g) = 5.95 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = -6.3%; Deviation (10 g) = -0.89%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.41$ S/m; $\text{perm} = 50.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

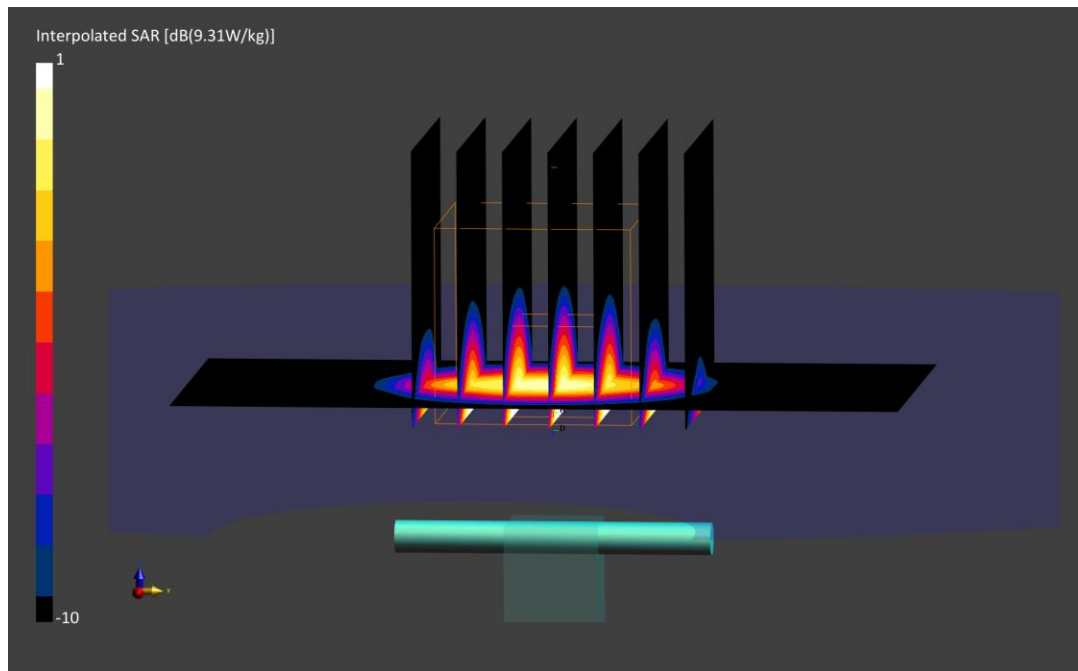
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.0 W/kg

SAR(1 g) = 6.52 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = 2.68%; Deviation (10 g) = 7.11%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3700.0 MHz; cond = 3.40 S/m; perm = 50.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/15/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

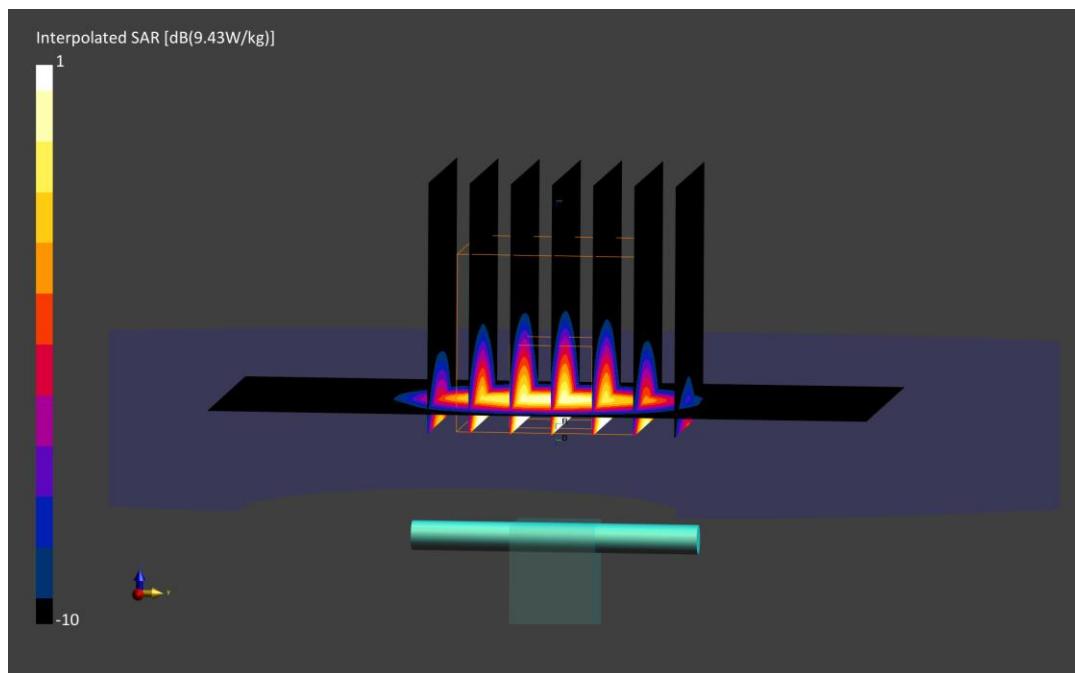
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.4 W/kg

SAR(1 g) = 6.72 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = 3.07%; Deviation (10 g) = 5.58%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.40$ S/m; $\text{perm} = 49.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/19/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

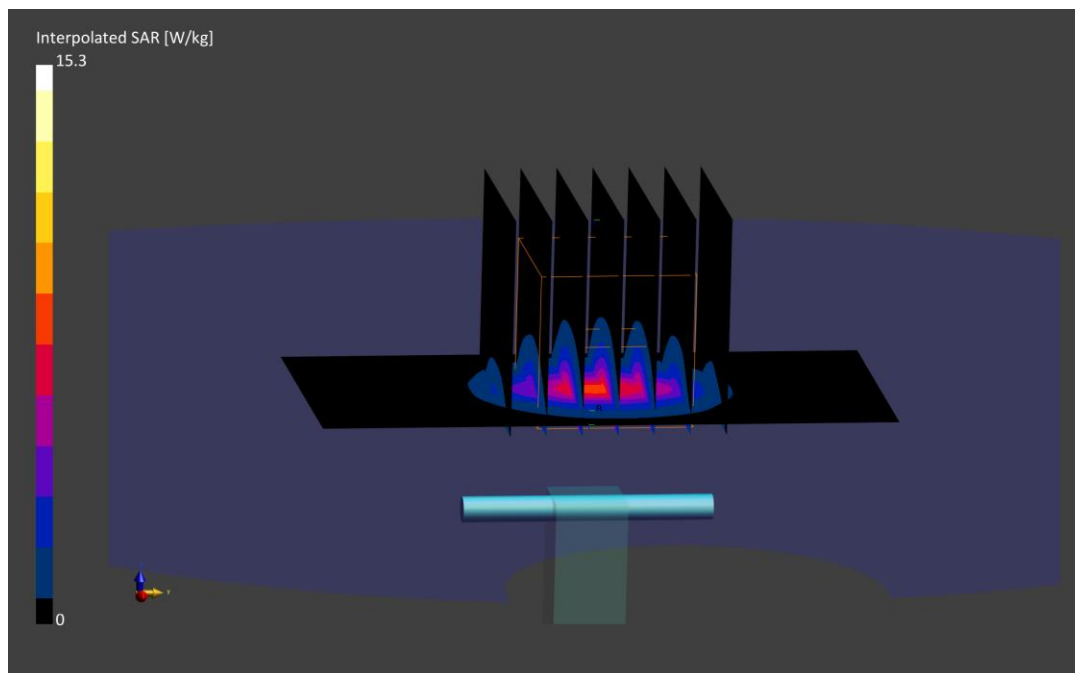
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.4 W/kg

SAR(1 g) = 5.84 W/kg

Deviation (1 g) = -8.03%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.43$ S/m; $\text{perm} = 50.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/23/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

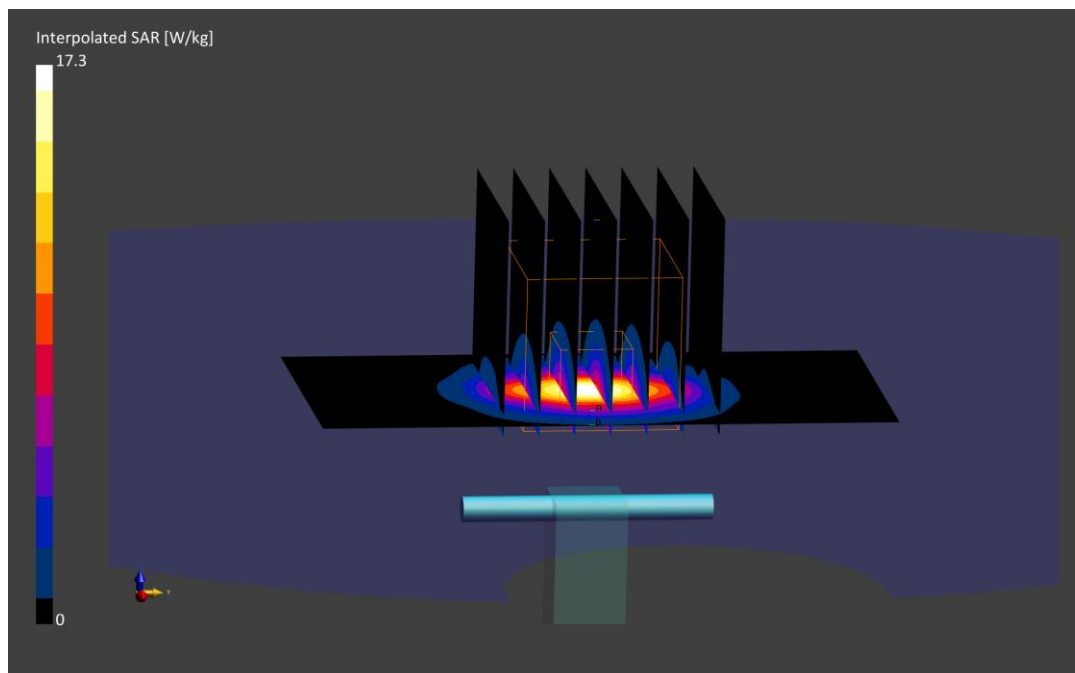
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.3 W/kg

SAR(10 g) = 2.47 W/kg

Deviation (10 g) = 9.78%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.38$ S/m; $\text{perm} = 49.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/30/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7538; ConvF:(6.36,6.36,6.36); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

3700 MHz System Verification at 20 dBm (100 mW)

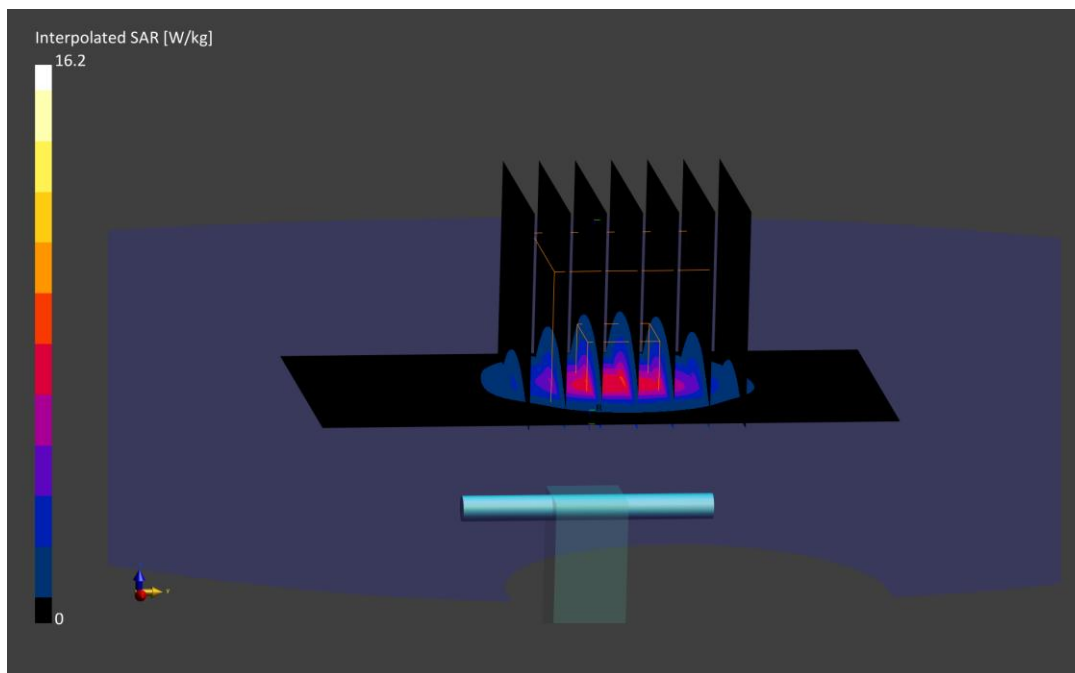
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 16.2 W/kg

SAR(1 g) = 6.30 W/kg

Deviation (1 g) = -0.79%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.41$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/07/2022; Ambient Temp: 23.2°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

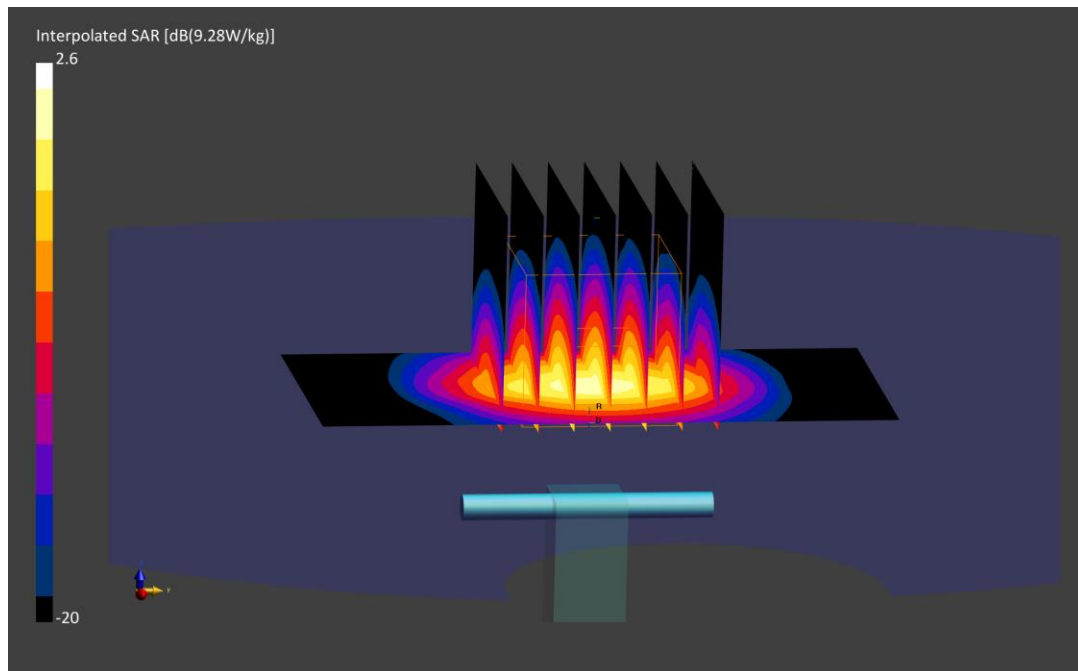
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 6.44 W/kg

Deviation (1 g) = -1.23%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3700.0$ MHz; $\text{cond} = 3.47$ S/m; $\text{perm} = 50.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/19/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm (100 mW)

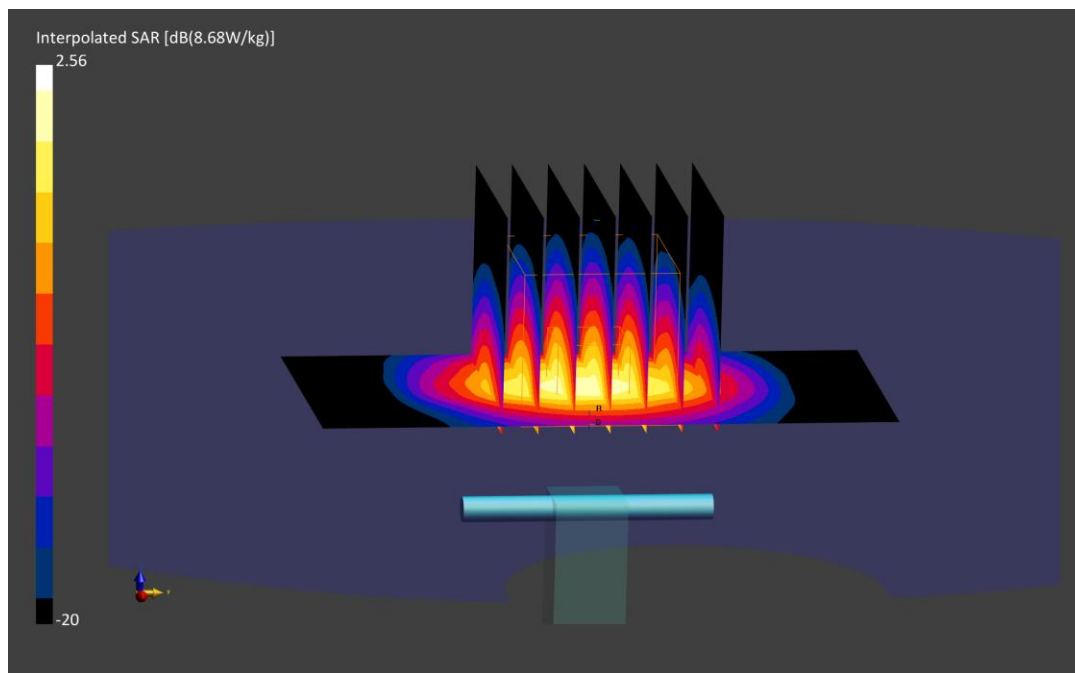
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.7 W/kg

SAR(1 g) = 6.09 W/kg; SAR(10 g) = 2.28 W/kg

Deviation (1 g) = -4.09%; Deviation (10 g) = 1.33%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3900.0$ MHz; $\text{cond} = 3.64$ S/m; $\text{perm} = 49.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/15/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3900 MHz System Verification at 20 dBm (100 mW)

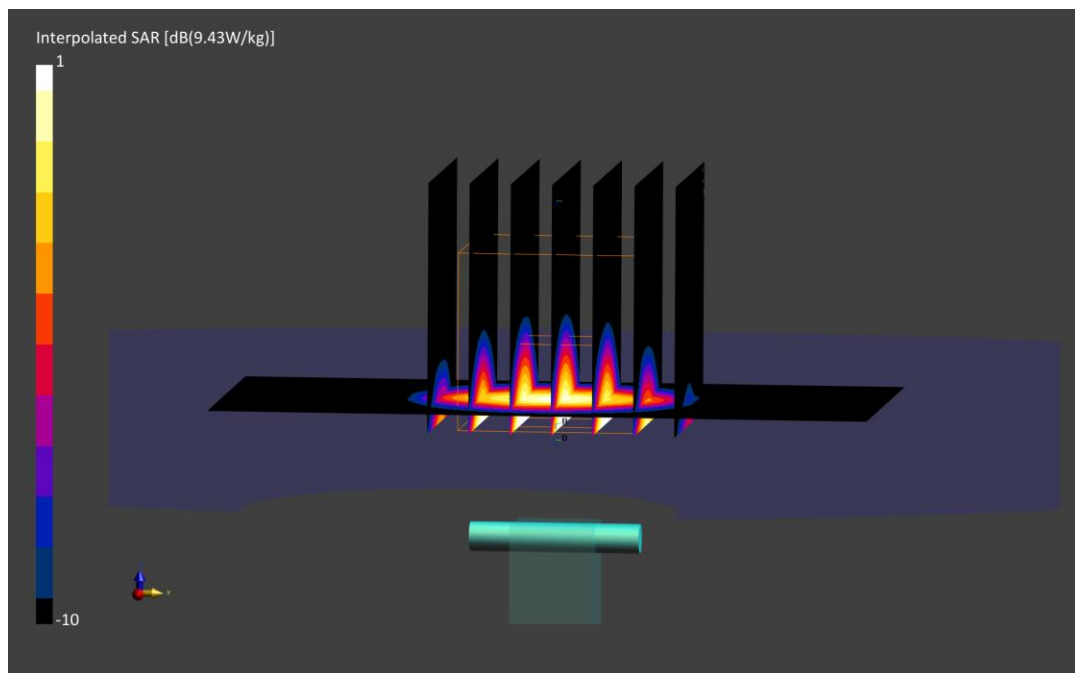
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 19.3 W/kg

SAR(1 g) = 6.85 W/kg; SAR(10 g) = 2.38 W/kg

Deviation (1 g) = 3.32%; Deviation (10 g) = 3.48%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1073

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3900.0 MHz; cond = 3.64 S/m; perm = 49.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/19/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3900 MHz System Verification at 20 dBm (100 mW)

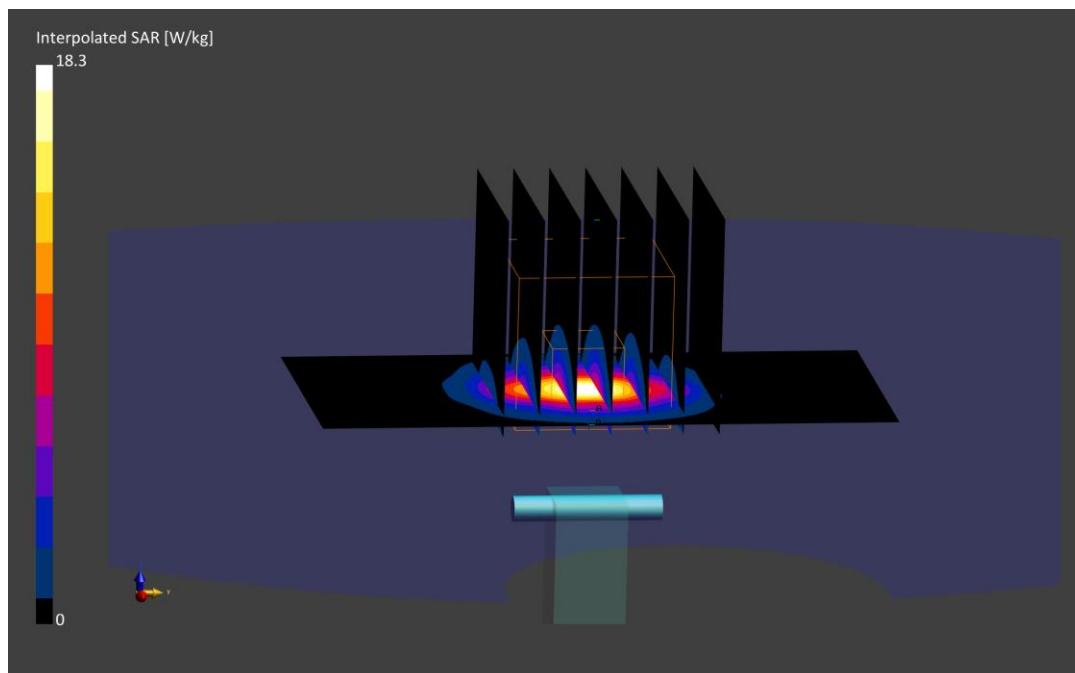
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 18.3 W/kg

SAR(1 g) = 6.54 W/kg

Deviation (1 g) = 1.71%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1073

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3900.0$ MHz; $\text{cond} = 3.67$ S/m; $\text{perm} = 50.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/23/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

3900 MHz System Verification at 20 dBm (100 mW)

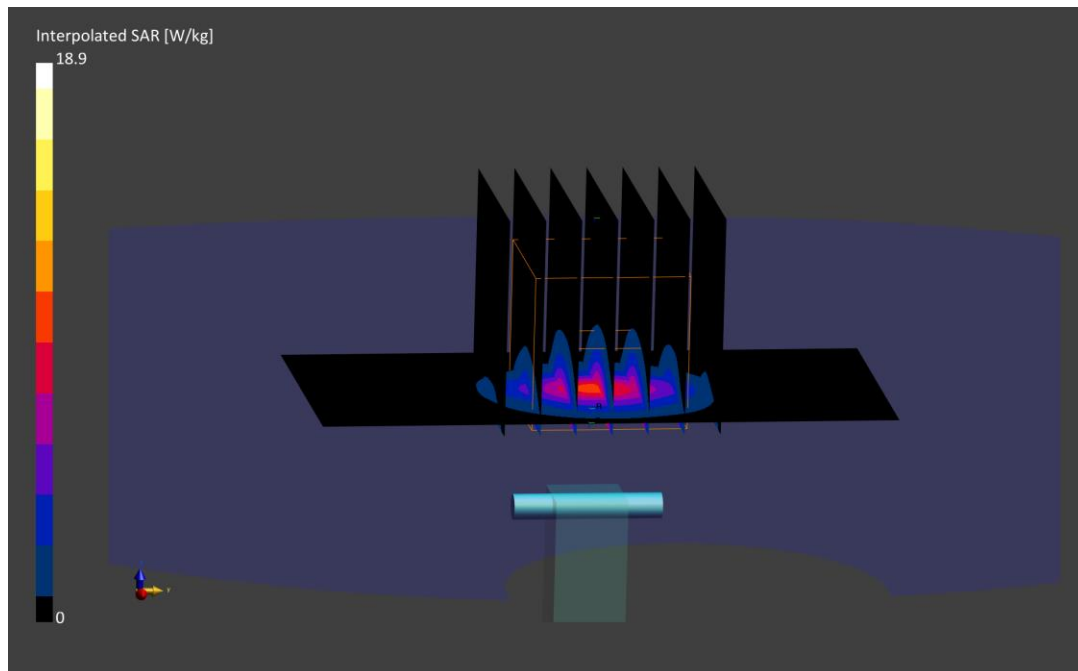
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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(10 g) = 2.40 W/kg

Deviation (10 g) = 9.09%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Body; Medium parameters used:
 $f = 3900.0$ MHz; $\text{cond} = 3.67$ S/m; $\text{perm} = 50.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/07/2022; Ambient Temp: 23.2°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7670; ConvF:(6.39,6.39,6.39); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

3900 MHz System Verification at 20 dBm (100 mW)

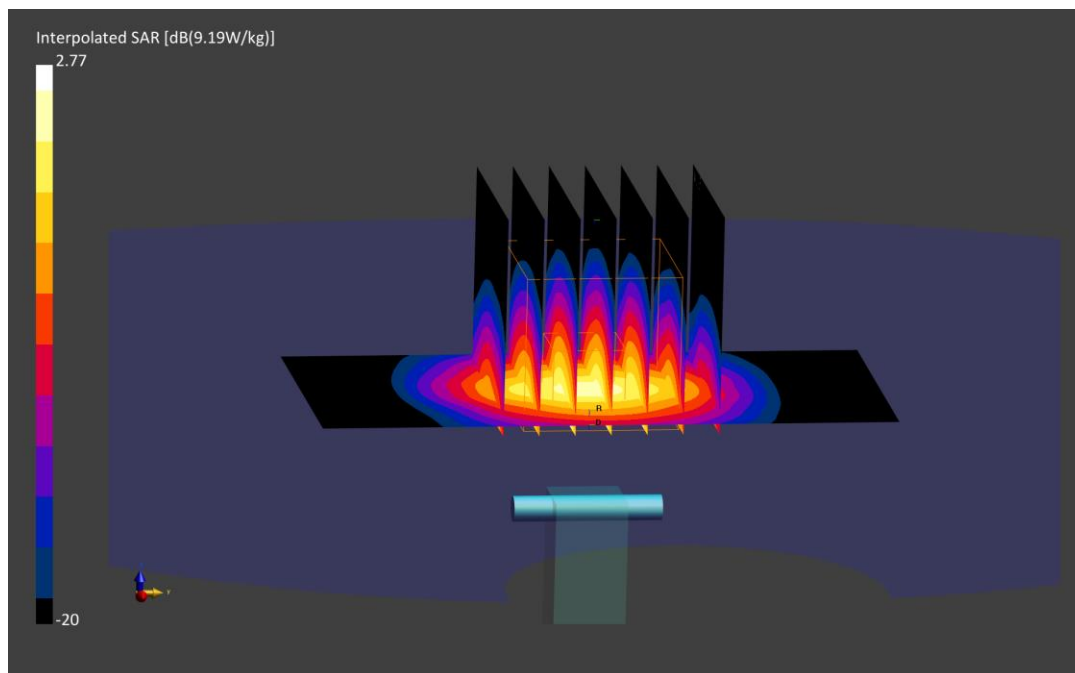
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.4 W/kg

SAR(1 g) = 6.39 W/kg

Deviation (1 g) = -3.62%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
 $f = 5250.0$ MHz; $\text{cond} = 5.37$ S/m; $\text{perm} = 47.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.54,4.54,4.54); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5250 MHz System Verification at 17 dBm (50 mW)

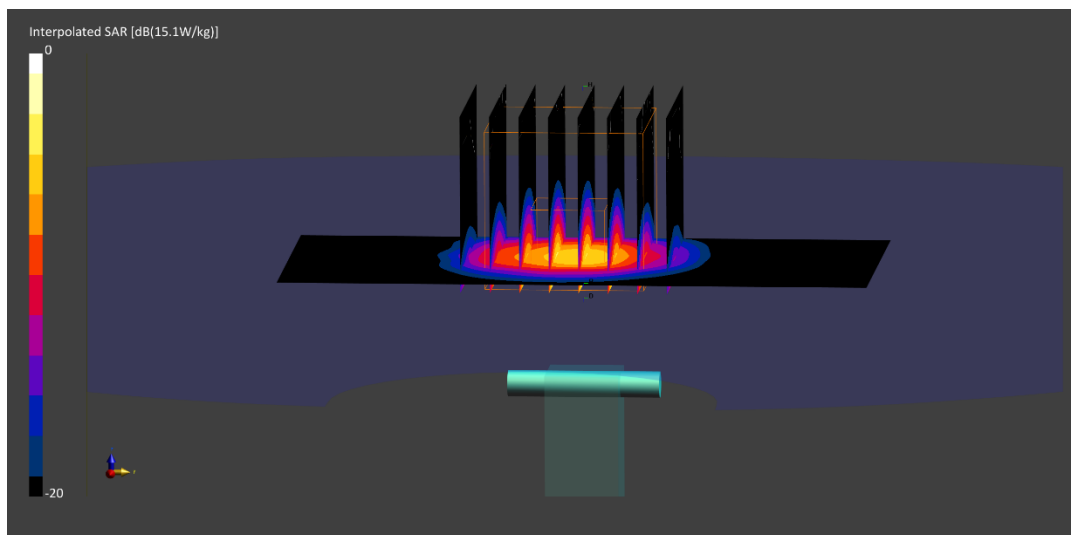
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 13.4 W/kg

SAR(1 g) = 3.49 W/kg; SAR(10 g) = 0.975 W/kg

Deviation (1 g) = -5.80%; Deviation (10 g) = -6.25%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5600.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5600.0$ MHz; $\text{cond} = 5.87$ S/m; $\text{perm} = 46.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.16,4.16,4.16); Calibrated: 2022-03-21

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

Electronics: DAE4 Sn1272; Calibrated: 2022-03-16

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

Measurement SW: DASY Module SAR V16.0.2.136

5600 MHz System Verification at 17 dBm (50 mW)

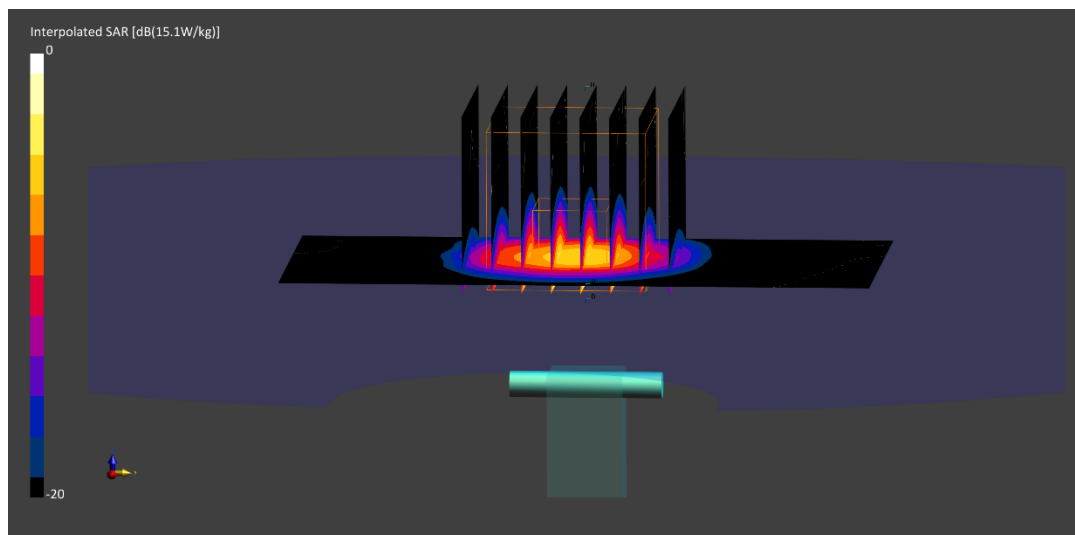
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.1 W/kg

SAR(1 g) = 3.60 W/kg; SAR(10 g) = 0.994 W/kg

Deviation (1 g) = -6.37%; Deviation (10 g) = -6.67%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
 $f = 5750.0$ MHz; $\text{cond} = 6.08$ S/m; $\text{perm} = 46.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.11,4.11,4.11); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5750 MHz System Verification at 17 dBm (50 mW)

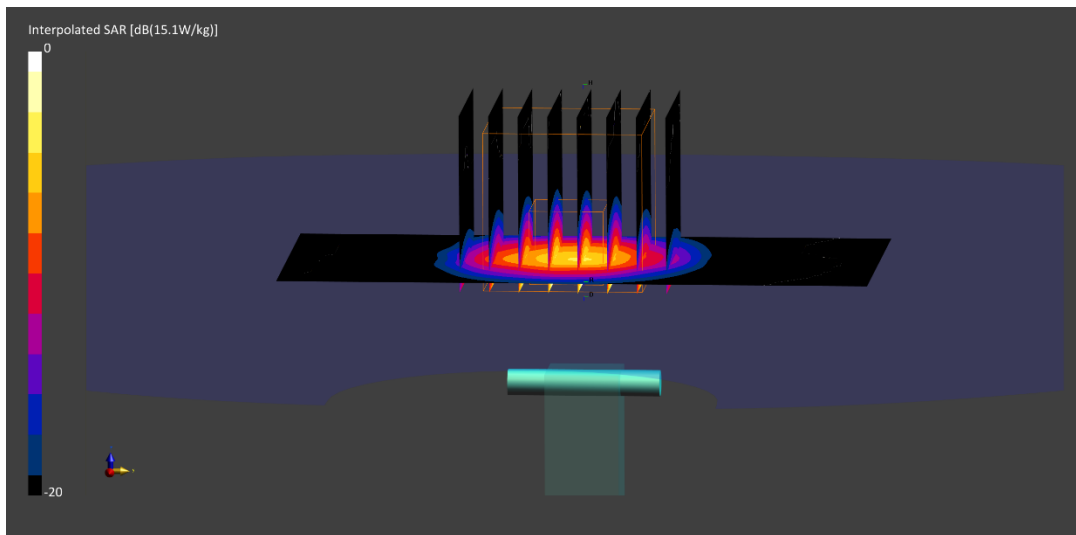
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.0 W/kg

SAR(1 g) = 3.50 W/kg; SAR(10 g) = 0.981 W/kg

Deviation (1 g) = -5.91%; Deviation (10 g) = -5.22%



ELEMENT

DUT: Dipole 5800.0 MHz; Type: D5GHzV2 - SN1191

Communication System: UID: 0, CW; Frequency: 5800.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
 $f = 5800.0$ MHz; $\text{cond} = 6.16$ S/m; $\text{perm} = 46.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.11,4.11,4.11); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

5800 MHz System Verification at 17 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) = 15.1 W/kg

SAR(1 g) = 3.42 W/kg; SAR(10 g) = 0.952 W/kg

Deviation (1 g) = -6.94%; Deviation (10 g) = -5.74%

