

ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1094

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; Cond = 0.894 S/m; perm = 41.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/19/2022; Ambient Temp: 20.8°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7499; Conv F:(10.23,10.23,10.23); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

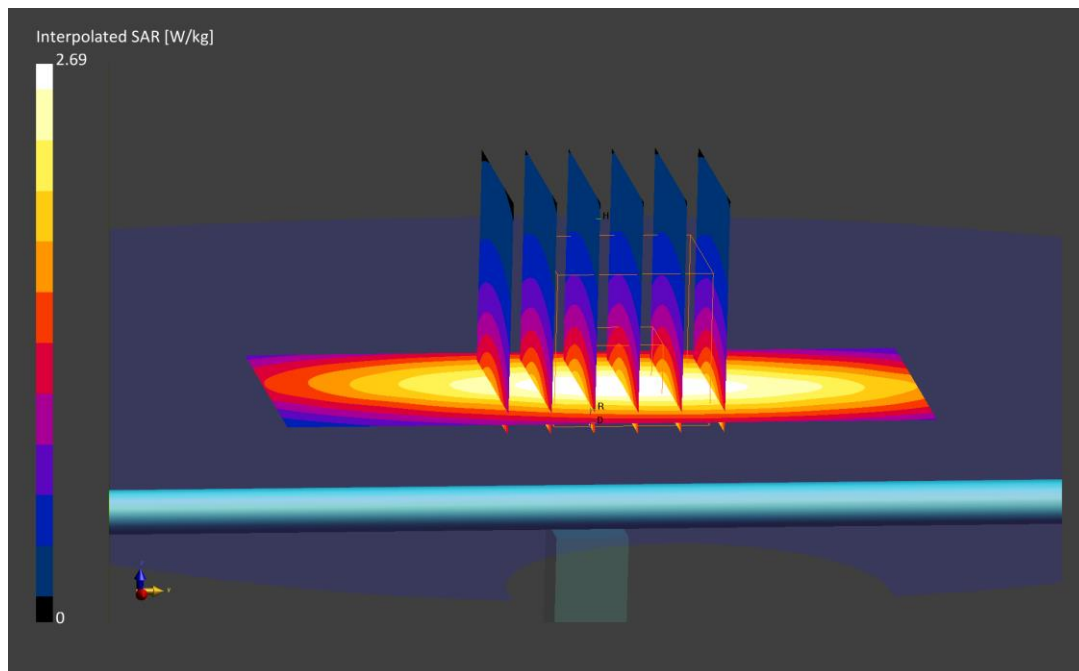
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.69 W/kg

SAR (1 g) = 1.77 W/kg

Deviation (1 g) = 4.49%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1094

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; Cond = 0.892 S/m; perm = 42.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/28/2022; Ambient Temp: 24.7°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7499; Conv F:(10.23,10.23,10.23); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

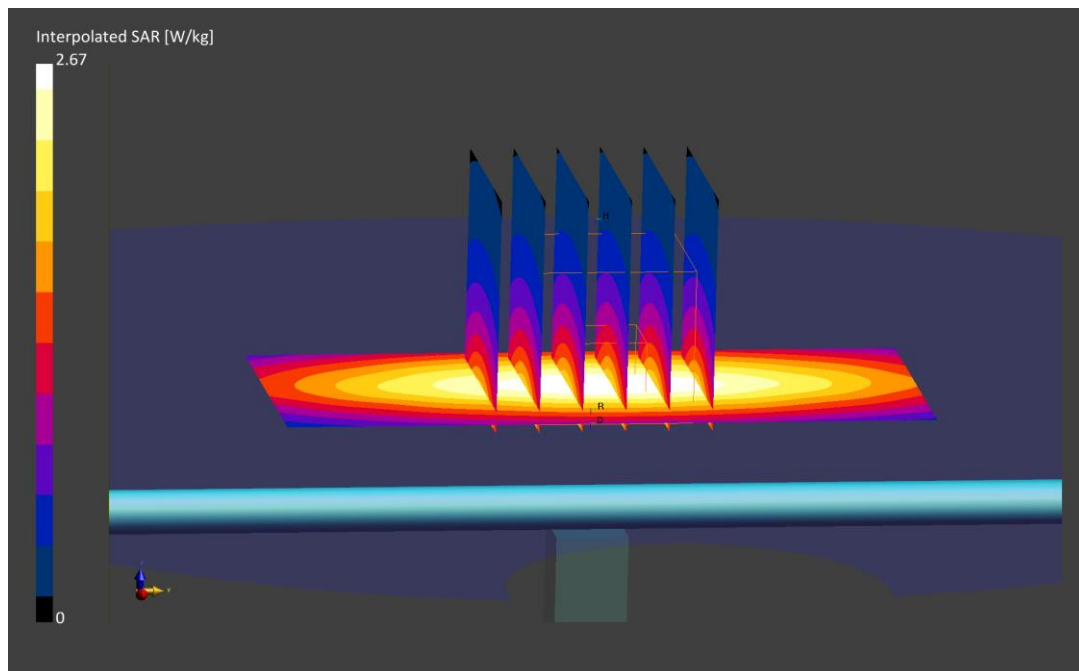
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.67 W/kg

SAR (1 g) = 1.76 W/kg

Deviation (1 g) = 3.90%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1094

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; Cond = 0.893 S/m; perm = 42.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/03/2022; Ambient Temp: 20.0°C; Tissue Temp: 18.5°C

Probe: EX3DV4 - SN7499; Conv F:(10.23,10.23,10.23); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

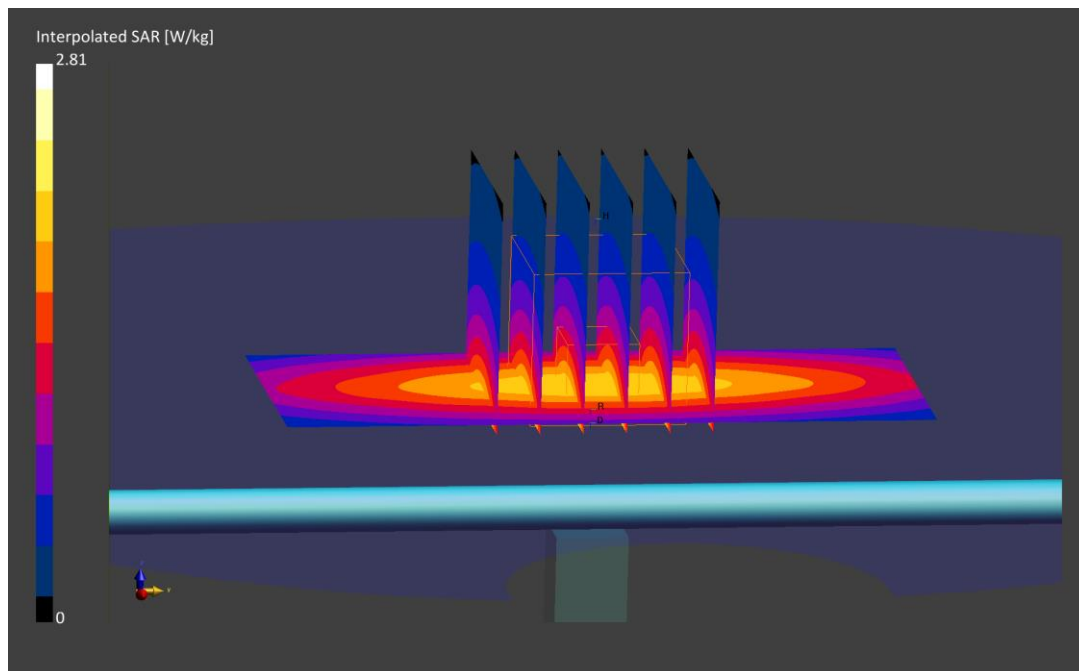
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 1.81 W/kg

Deviation (1 g) = 6.85%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1094

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; Cond = 0.896 S/m; perm = 42.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/10/2022; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7499; Conv F:(10.23,10.23,10.23); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

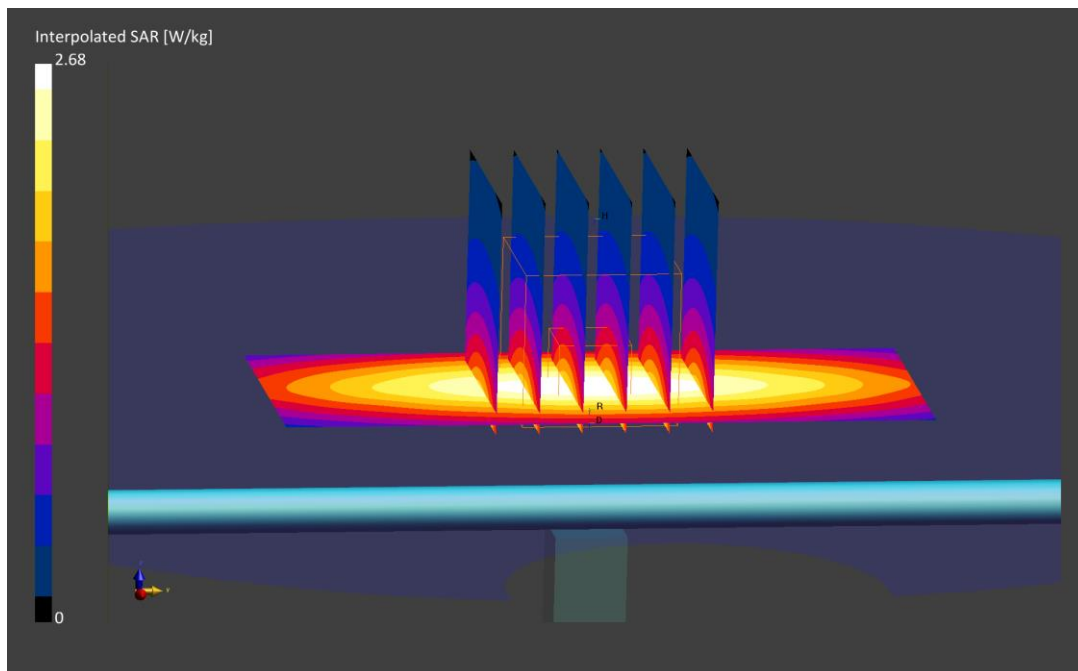
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.68 W/kg

SAR (1 g) = 1.76 W/kg

Deviation (1 g) = 3.90%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; Cond = 0.895 S/m; perm = 40.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/14/2022; Ambient Temp: 24.1°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7499; Conv F:(10.23,10.23,10.23); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

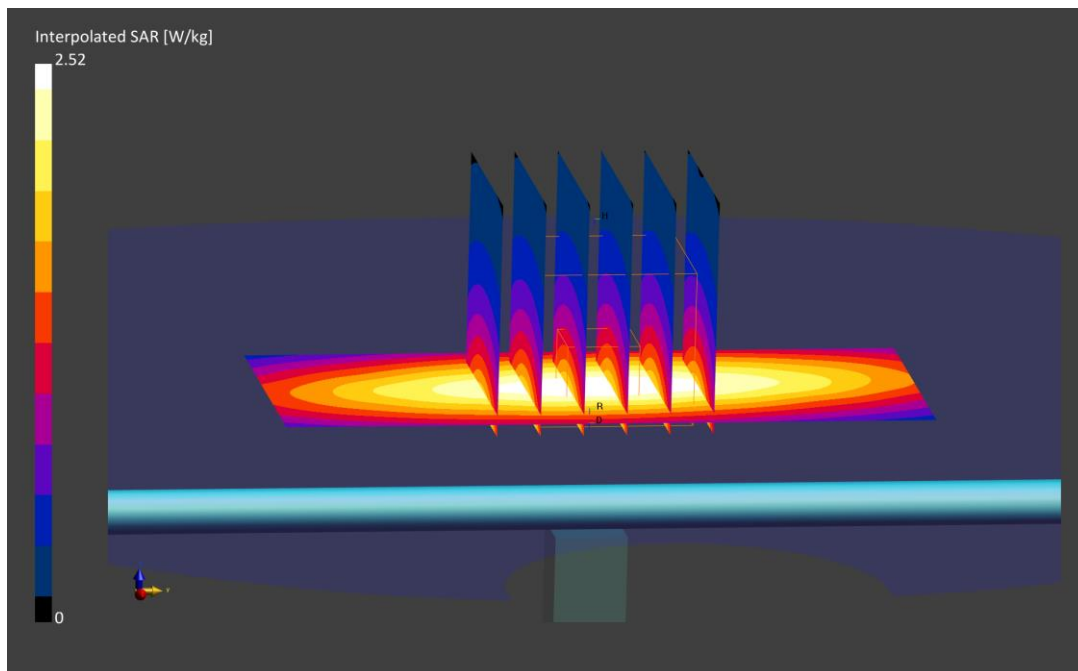
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.53 W/kg

SAR (1 g) = 1.67 W/kg

Deviation (1 g) = 1.71%



ELEMENT

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; Cond = 0.910 S/m; perm = 40.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/22/2022; Ambient Temp: 23.3°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7499; Conv F:(10.23,10.23,10.23); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

750 MHz System Verification at 23 dBm (200 mW)

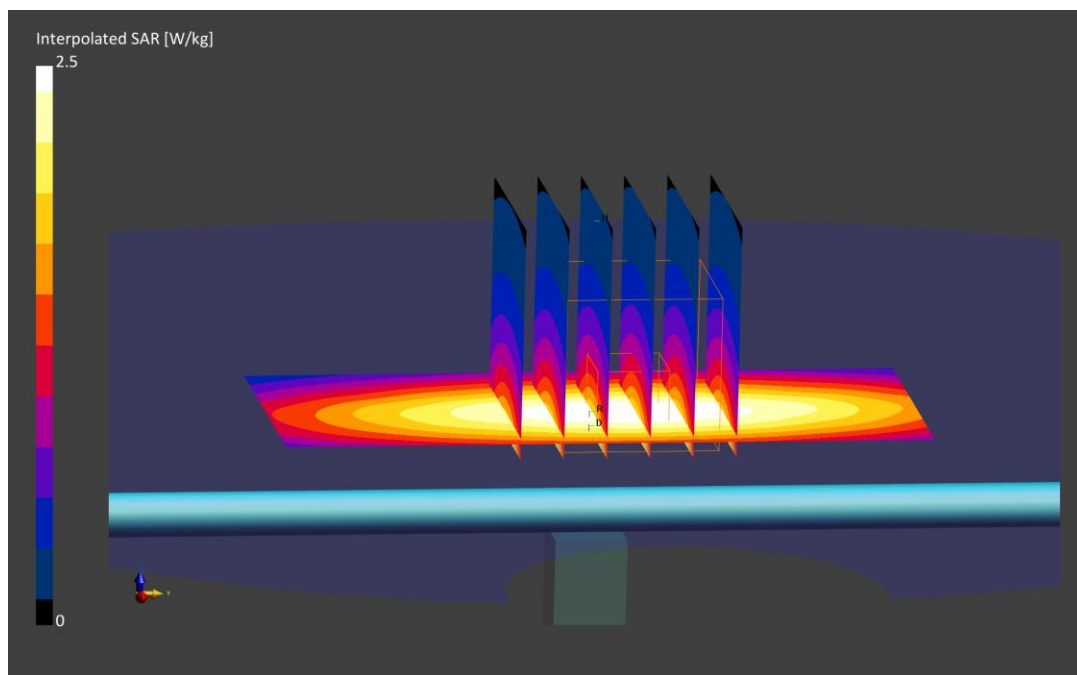
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.50 W/kg

SAR (1 g) = 1.62 W/kg

Deviation (1 g) = -4.82%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d040

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; Cond = 0.874 S/m; perm = 39.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/22/2022; Ambient Temp: 20.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7674; Conv F:(9.72,9.72,9.72); Calibrated: 2021-09-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

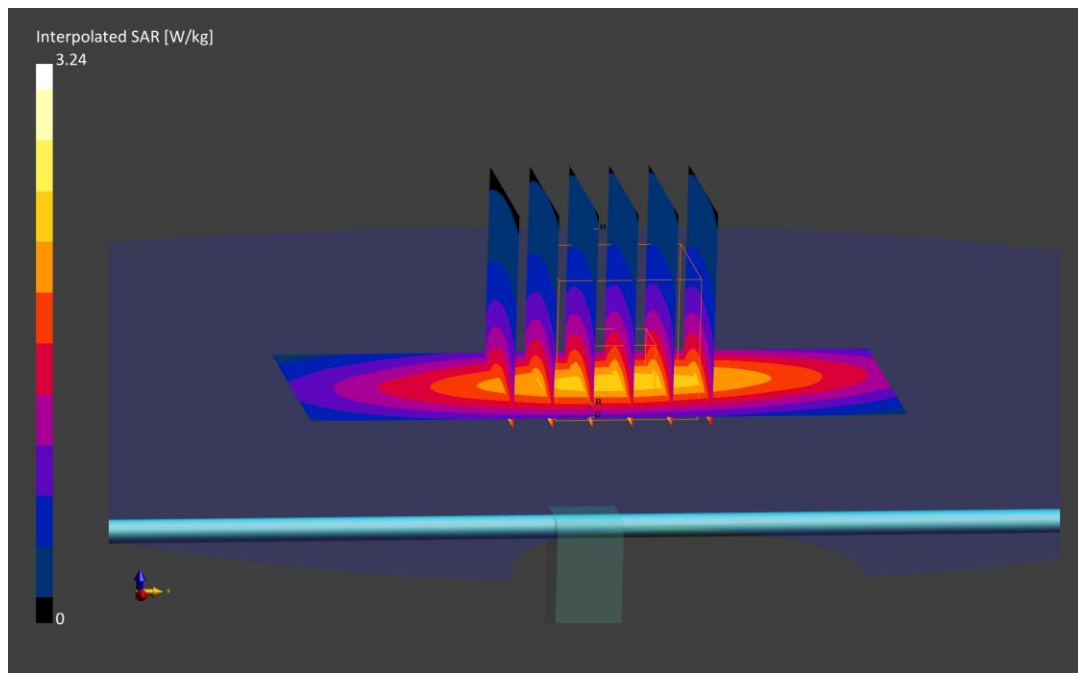
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.06 W/kg

Deviation (1 g) = 5.21%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d108

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; Cond = 0.874 S/m; perm = 39.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/24/2022; Ambient Temp: 22.6°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7674; Conv F:(9.72,9.72,9.72); Calibrated: 2021-09-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

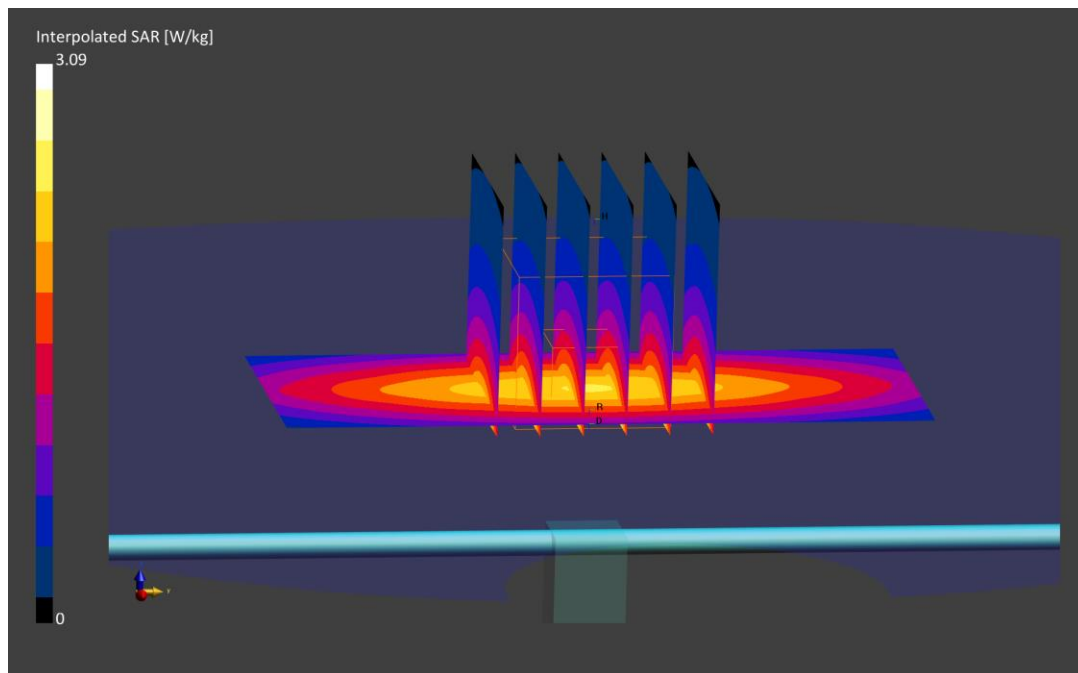
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.09 W/kg

SAR (1 g) = 1.98 W/kg

Deviation (1 g) = 2.06%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d108

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; Cond = 0.898 S/m; perm = 41.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/30/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7674; Conv F:(9.72,9.72,9.72); Calibrated: 2021-09-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

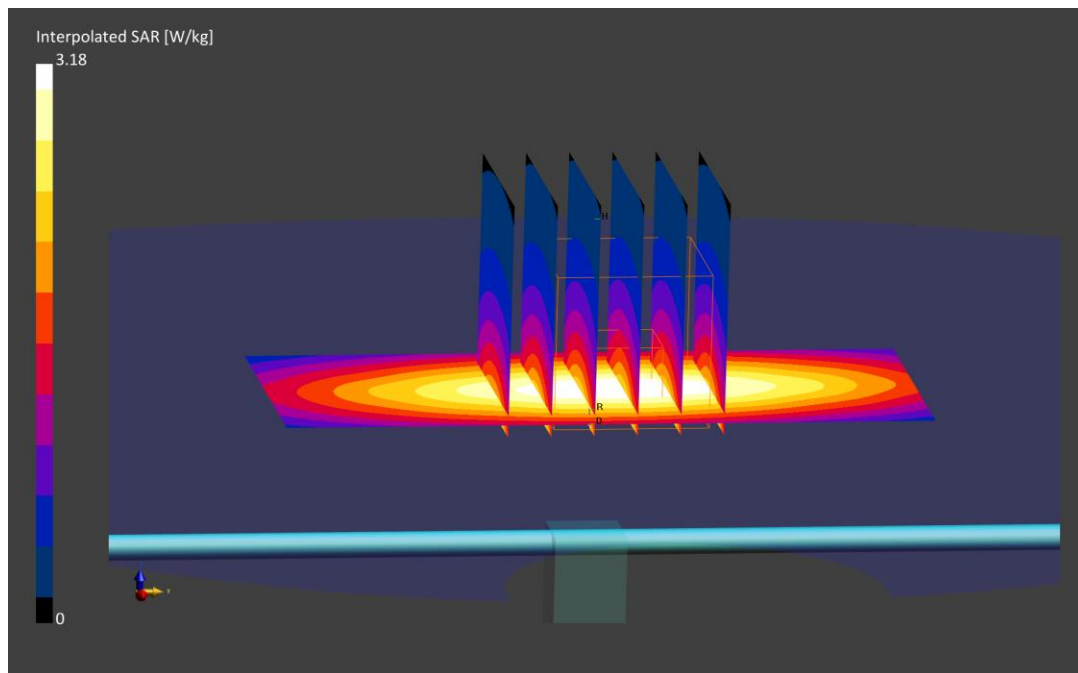
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.18 W/kg

SAR (1 g) = 2.05 W/kg

Deviation (1 g) = 5.67%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d040

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; Cond = 0.899 S/m; perm = 41.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/10/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7674; Conv F:(9.72,9.72,9.72); Calibrated: 2021-09-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

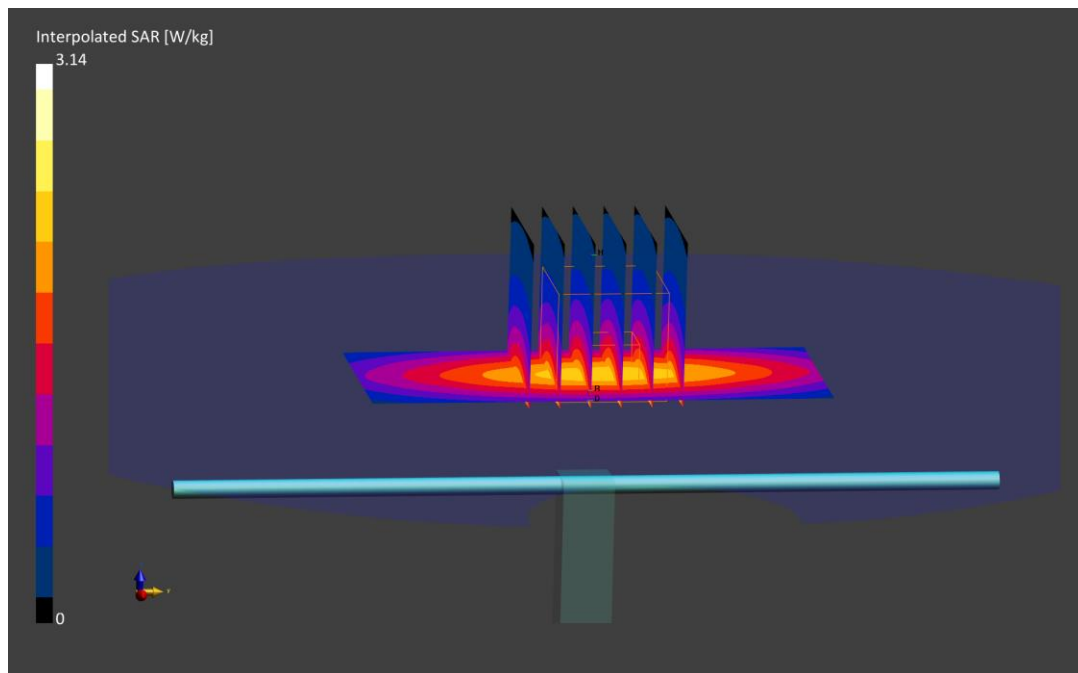
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.14 W/kg

SAR (1 g) = 1.96 W/kg

Deviation (1 g) = 0.10%



ELEMENT

DUT: Dipole 835.0 MHz; Type: D835V2 - SN4d040

Communication System: UID: 0, CW; Frequency: 835.0 MHz
Medium: 835 Head; Medium parameters used:
f = 835.0 MHz; Cond = 0.898 S/m; perm = 42.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/08/2022; Ambient Temp: 22.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7499; Conv F:(9.94,9.94,9.94); Calibrated: 2022-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1935
Measurement SW: DASY Module SAR V16.0.2.136

835 MHz System Verification at 23 dBm (200 mW)

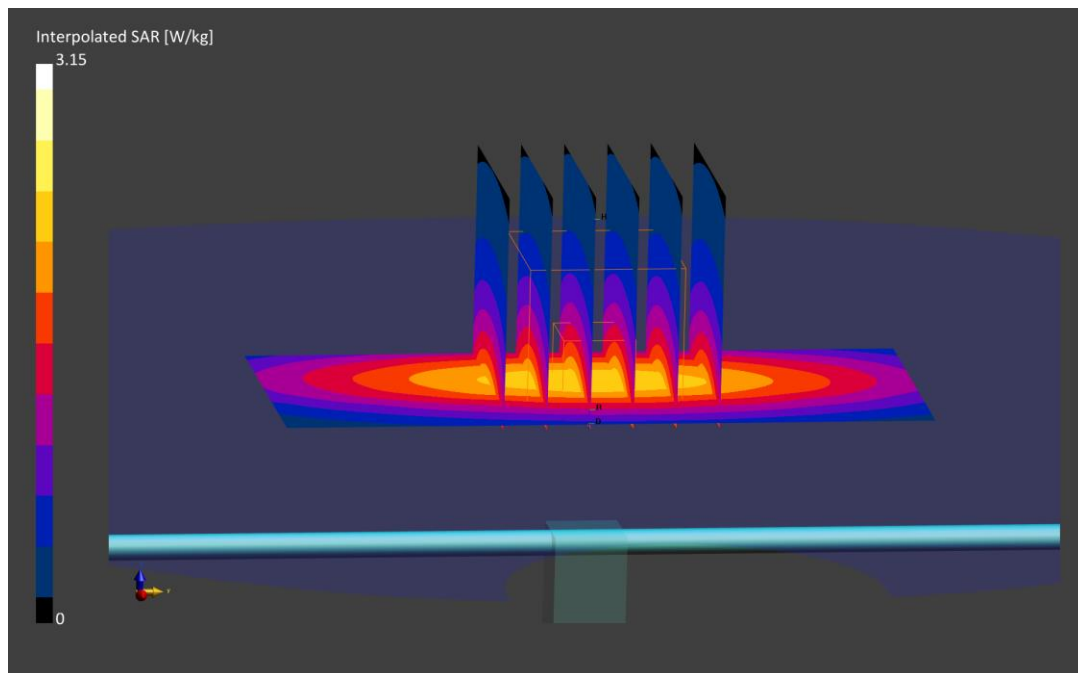
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.01W/kg

Deviation (1 g) = 2.66%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1104

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; Cond = 1.34 S/m; perm = 38.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/18/2022; Ambient Temp: 19.7°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7546; Conv F:(8.54,8.54,8.54); Calibrated: 2022-04-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1402; Calibrated: 2022-04-14
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.0.2.83

1750 MHz System Verification at 20 dBm (100 mW)

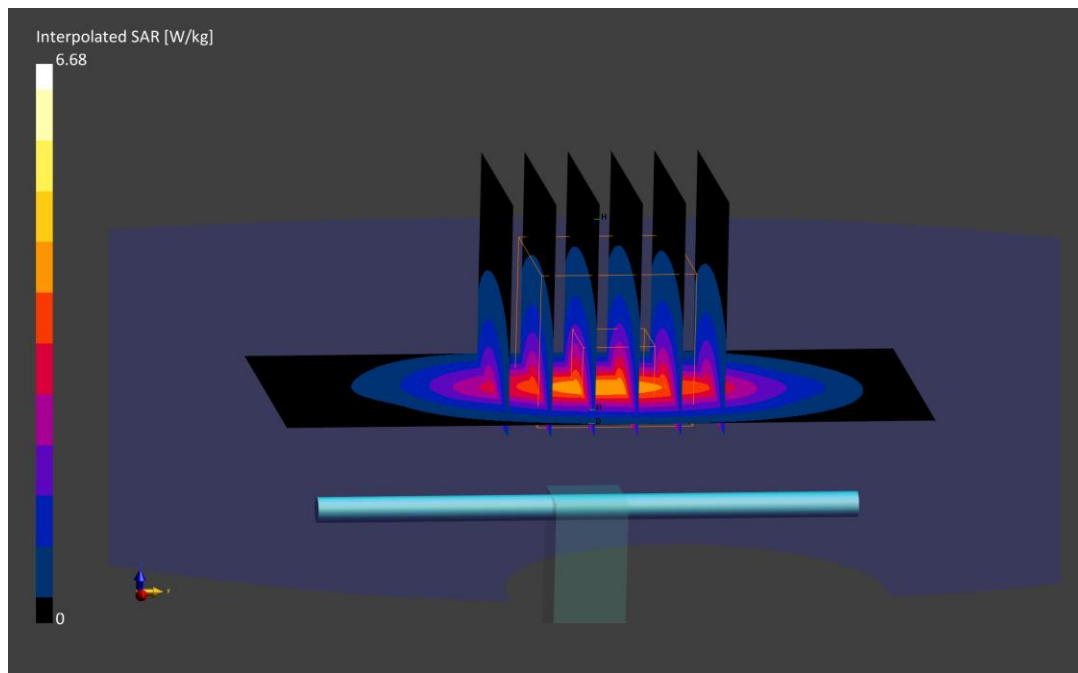
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.68 W/kg

SAR (1 g) = 3.53 W/kg

Deviation (1 g) = -1.12%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1104

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; Cond = 1.34 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/20/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7546; Conv F:(8.54,8.54,8.54); Calibrated: 2022-04-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1402; Calibrated: 2022-04-14
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.0.2.83

1750 MHz System Verification at 20 dBm (100 mW)

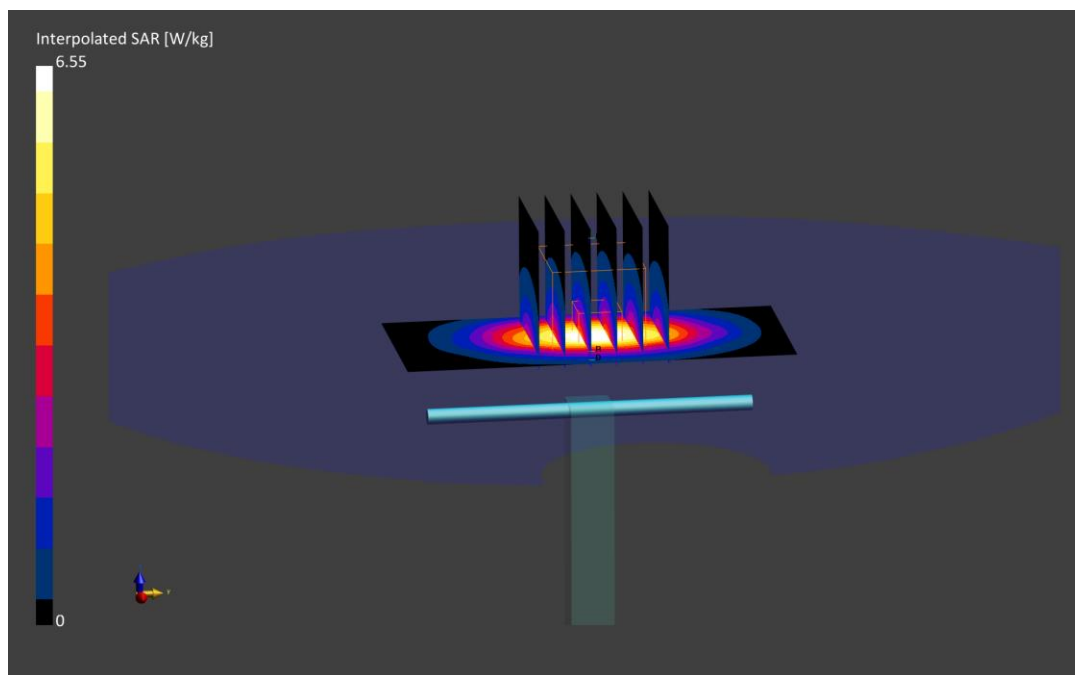
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.55 W/kg

SAR (1 g) = 3.42 W/kg

Deviation (1 g) = -4.20%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d181

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; Cond = 1.41 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/07/2022; Ambient Temp: 22.1°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7532; Conv F:(8.37,8.37,8.37); Calibrated: 2022-04-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.0.2.136

1900 MHz System Verification at 20 dBm (100 mW)

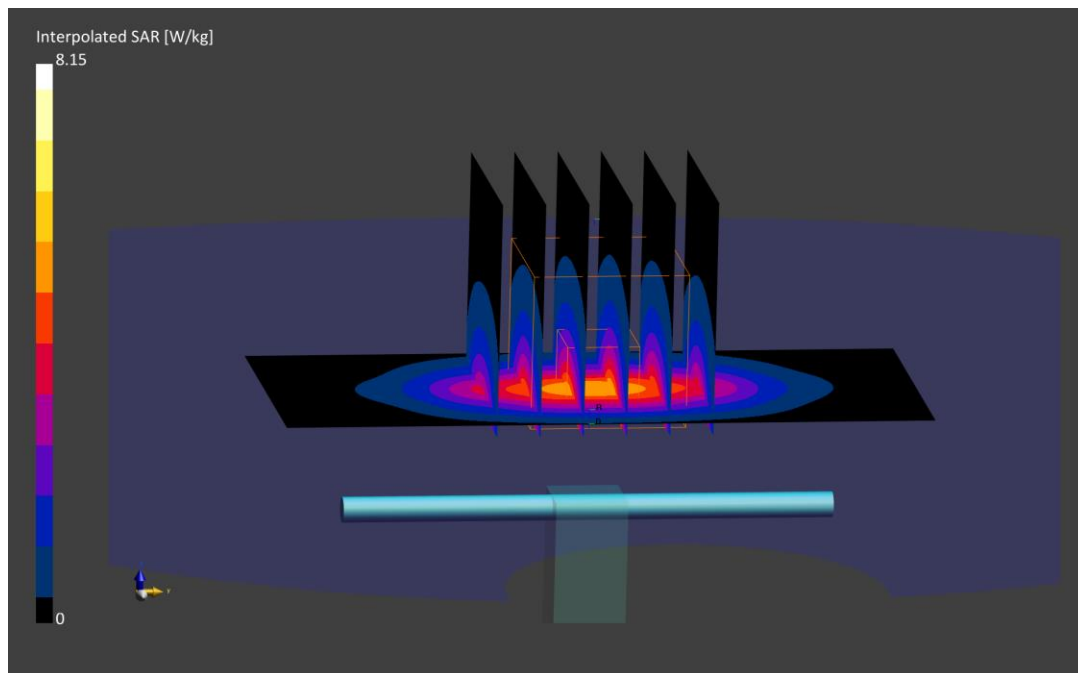
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 8.15 W/kg

SAR (1 g) = 4.27 W/kg

Deviation (1 g) = 6.48%



ELEMENT

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d030

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
 $f = 1900.0$ MHz; Cond = 1.45 S/m; perm = 38.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/12/2022; Ambient Temp: 22.3°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7532; Conv F:(8.37,8.37,8.37); Calibrated: 2022-04-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2022-04-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.0.2.136

1900 MHz System Verification at 20 dBm (100 mW)

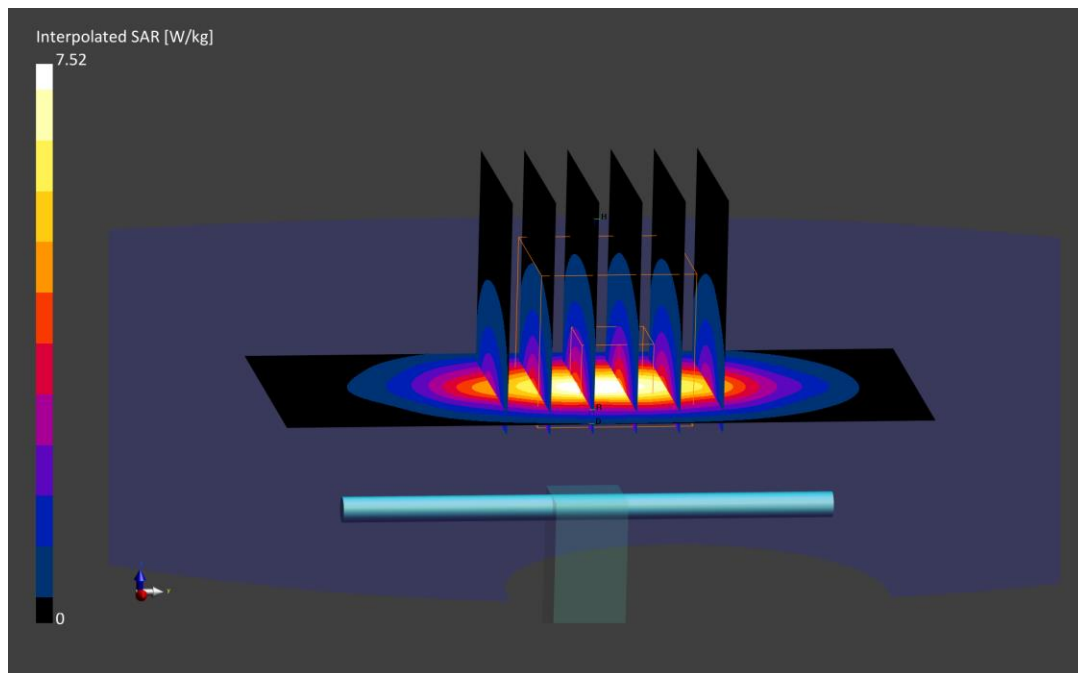
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.52 W/kg

SAR (1 g) = 3.81 W/kg

Deviation (1 g) = -4.27%



ELEMENT

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2300.0$ MHz; Cond = 1.67 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/14/2022; Ambient Temp: 23.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3837; Conv F:(7.36,7.36,7.36); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn793; Calibrated: 2022-01-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.0.2.136

2300 MHz System Verification at 20 dBm (100 mW)

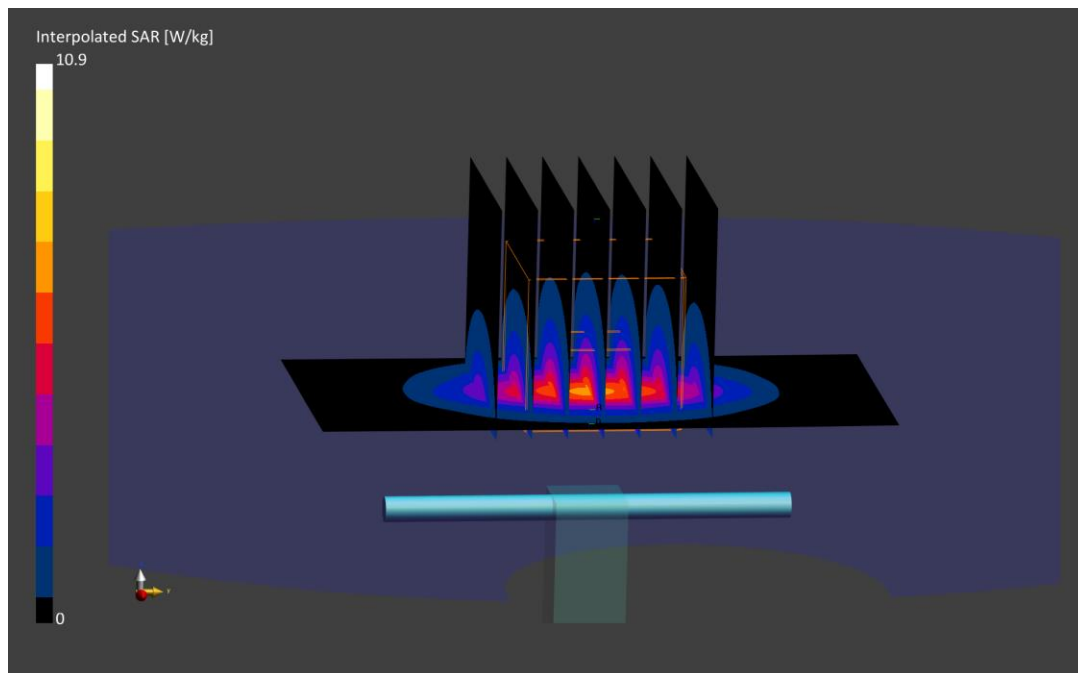
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.9 W/kg

SAR (1 g) = 5.26 W/kg

Deviation (1 g) = 7.57%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

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

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; Cond = 1.82 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/17/2022; Ambient Temp: 24.5°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7308; Conv F:(7.94,7.94,7.94); Calibrated: 2022-02-21

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

Electronics: DAE4 Sn467; Calibrated: 2022-02-24

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

Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

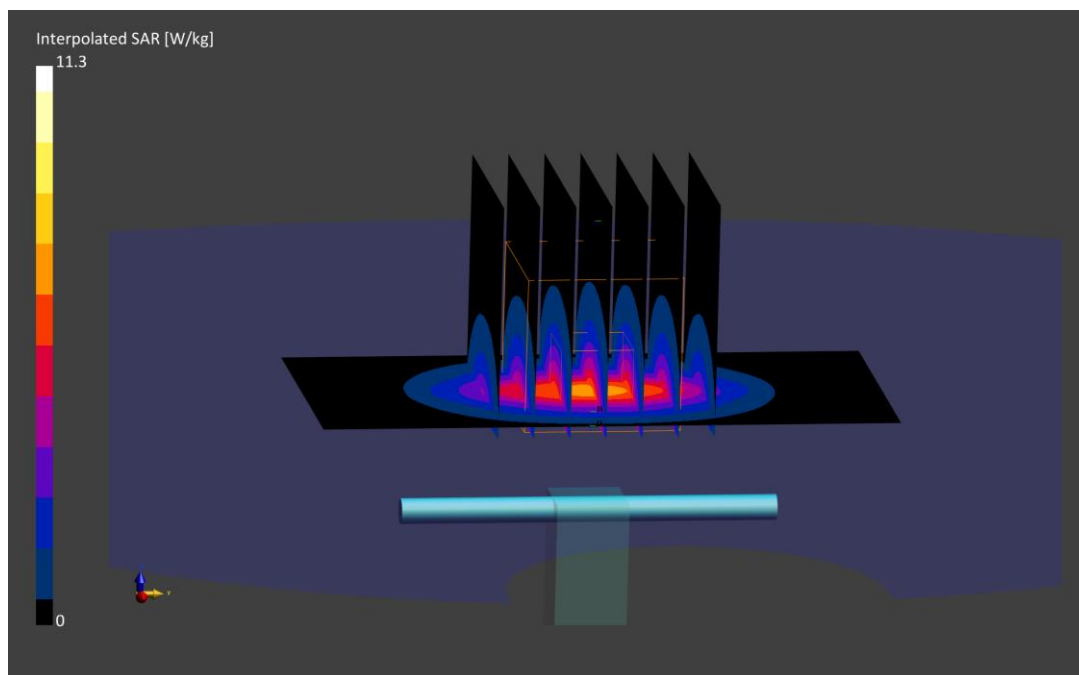
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.38 W/kg

Deviation (1 g) = 2.28%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN855

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

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; Cond = 1.82 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/23/2022; Ambient Temp: 22.8°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7420; Conv F:(7.46,7.46,7.46); Calibrated: 2021-10-27

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

Electronics: DAE4 Sn1237; Calibrated: 2021-11-18

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

Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

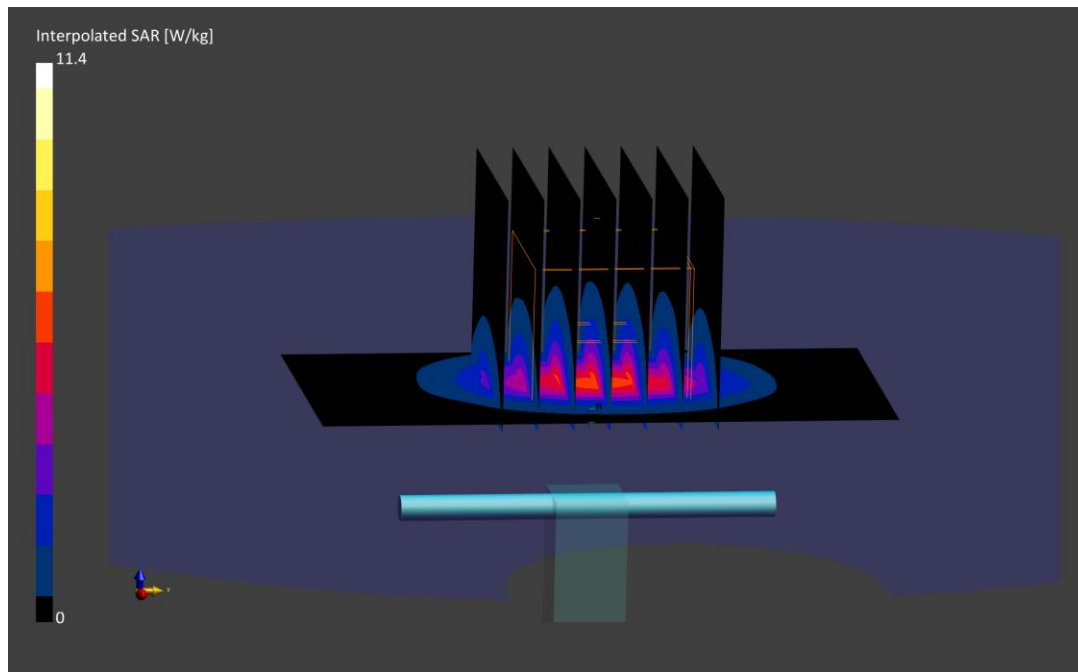
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.12 W/kg

Deviation (1 g) = -2.10%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN855

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2450.0$ MHz; Cond = 1.81 S/m; perm = 38.6; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10 mm

Test Date: 07/17/2022; Ambient Temp: 21.3°C ; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7420; Conv F: (7.46, 7.46, 7.46); Calibrated: 2021-10-27
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1237; Calibrated: 2021-11-18
Phantom: Twin-SAM V4.0; Serial: 1598
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

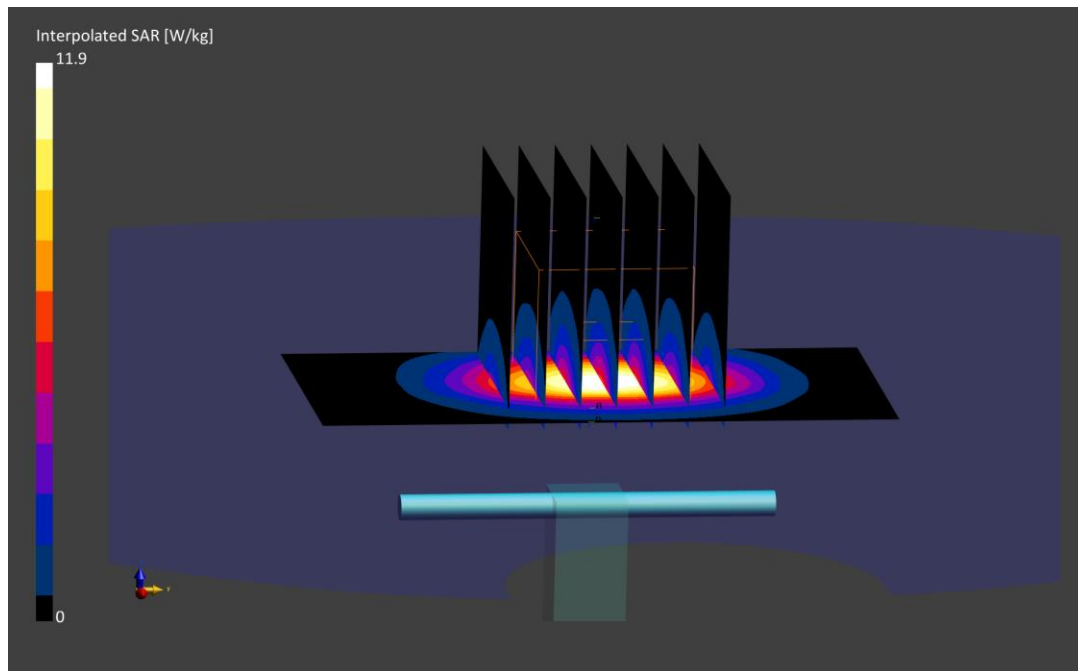
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.06 W/kg

Deviation (1 g) = -3.25%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2450.0$ MHz; Cond = 1.83 S/m; perm = 37.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/13/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3837; Conv F:(7.21,7.21,7.21); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2022-01-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm (100 mW)

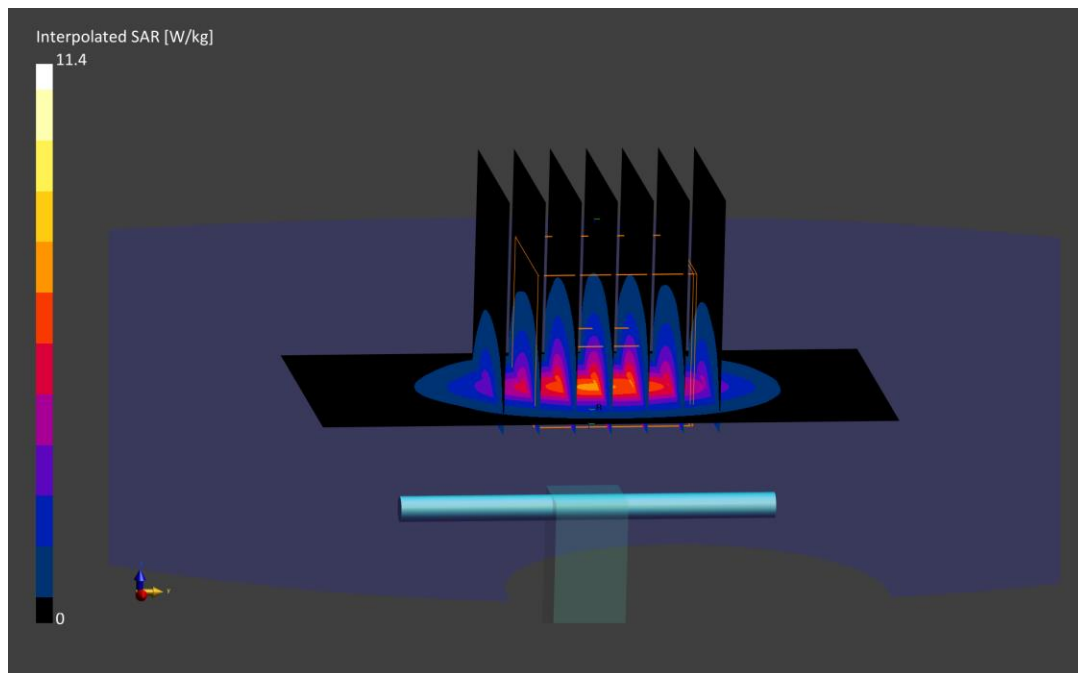
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.51 W/kg

Deviation (1 g) = 4.75%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1069

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2600.0$ MHz; Cond = 1.95 S/m; perm = 38.6; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10 mm

Test Date: 07/14/2022; Ambient Temp: 22.7°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7308; Conv F:(7.85,7.85,7.85); Calibrated: 2022-02-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2022-02-24
Phantom: Twin-SAM V8.0; Serial: 2029
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

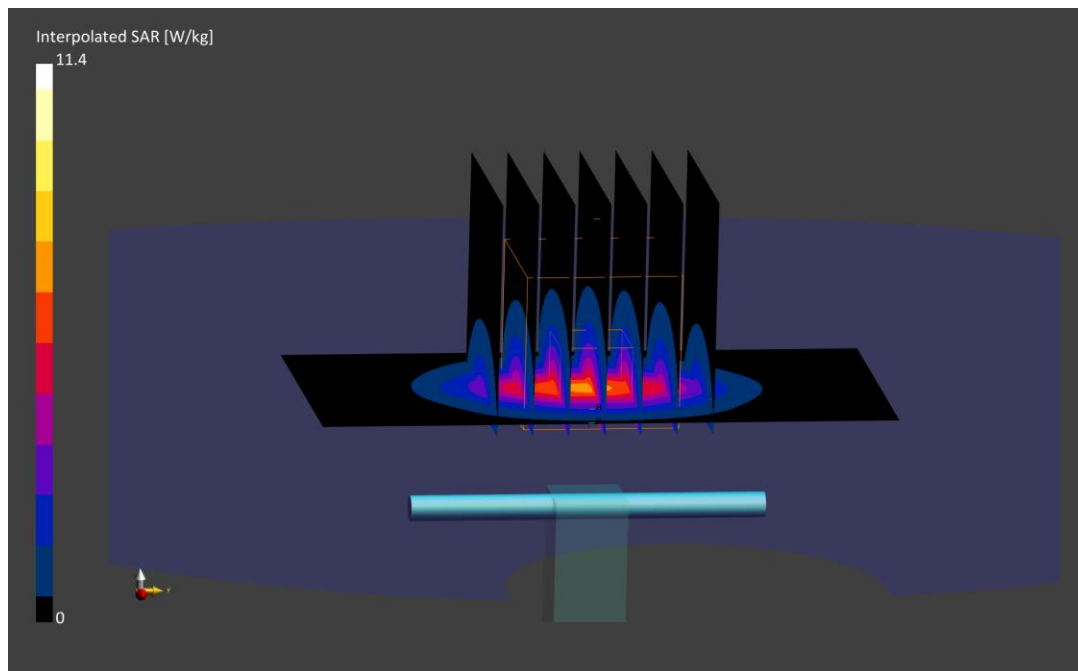
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.4 W/kg

SAR (1 g) = 5.24 W/kg

Deviation (1 g) = -5.76%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; Cond = 2.00 S/m; perm = 38.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/17/2022; Ambient Temp: 21.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7420; Conv F: (7.36, 7.36, 7.36); Calibrated: 2021-10-27
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1237; Calibrated: 2021-11-18
Phantom: Twin-SAM V4.0; Serial: 1598
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

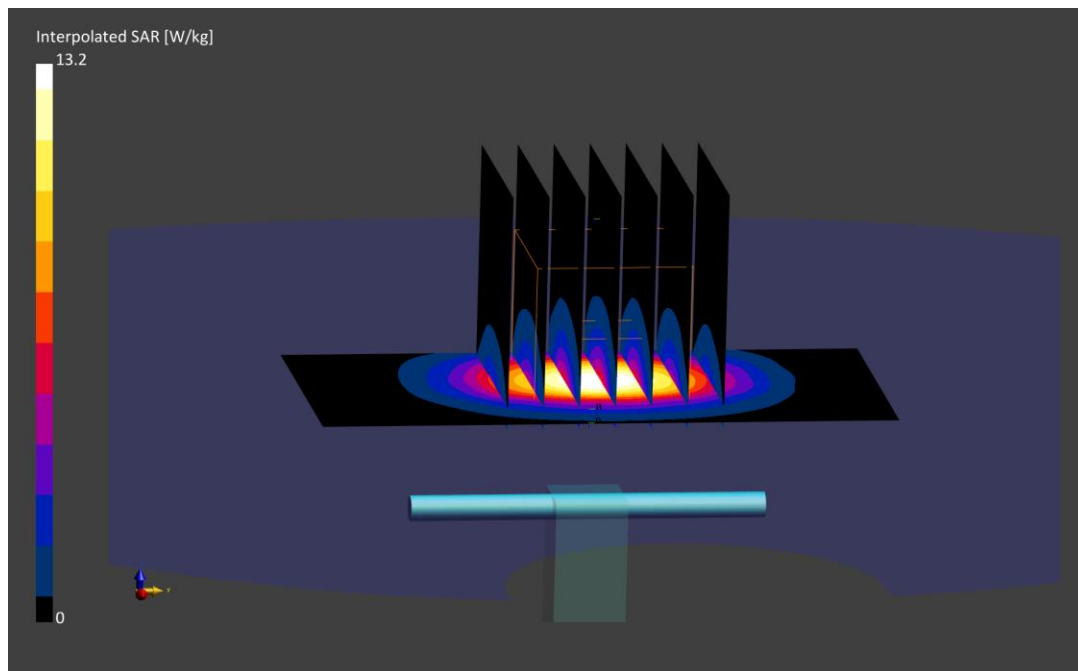
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 13.2 W/kg

SAR (1 g) = 5.35 W/kg

Deviation (1 g) = -4.12%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2600.0$ MHz; Cond = 1.92 S/m; perm = 38.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/24/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3837; Conv F:(6.98,6.98,6.98); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2022-01-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

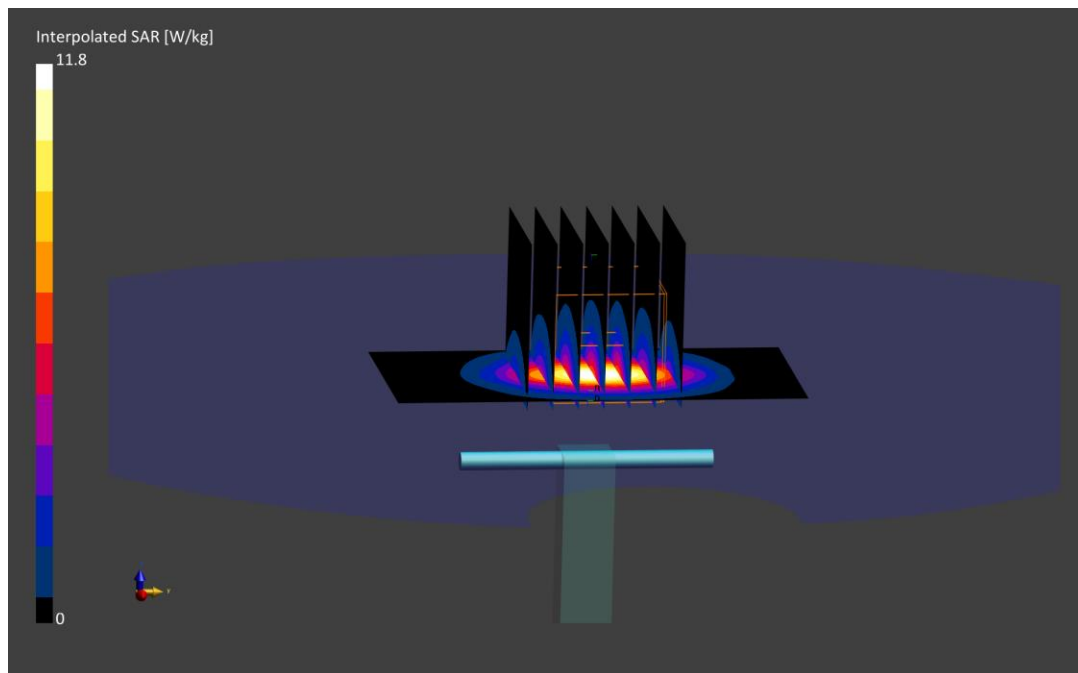
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.8 W/kg

SAR (1 g) = 5.51 W/kg

Deviation (1 g) = -1.25%



ELEMENT

DUT: Dipole 2600.0 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2600.0$ MHz; Cond = 1.95 S/m; perm = 37.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/13/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3837; Conv F:(6.98,6.98,6.98); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2022-01-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.0.2.136

2600 MHz System Verification at 20 dBm (100 mW)

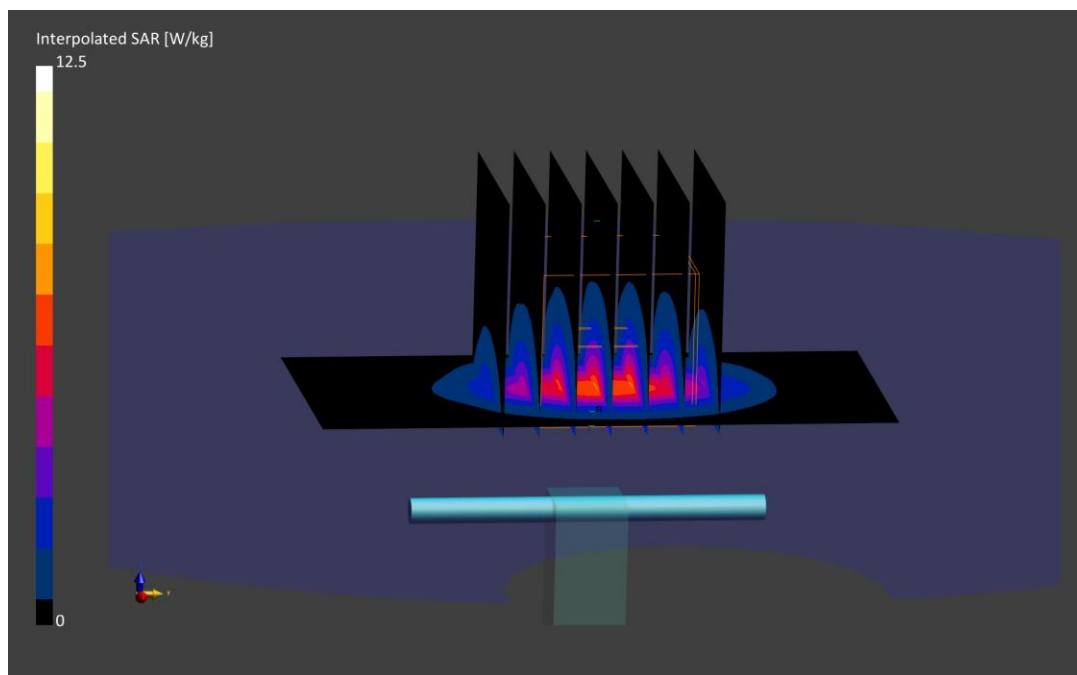
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 12.5 W/kg

SAR (1 g) = 5.88 W/kg

Deviation (1 g) = 5.38%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1055

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3500.0$ MHz; Cond = 2.92 S/m; perm = 37.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/30/2022; Ambient Temp: 21.5°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7416; Conv F:(6.67,6.67,6.67); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2022-05-16
Phantom: Twin-SAM V8.0; Serial: 2071
Measurement SW: DASY Module SAR V16.0.2.83

3500 MHz System Verification at 20 dBm (100 mW)

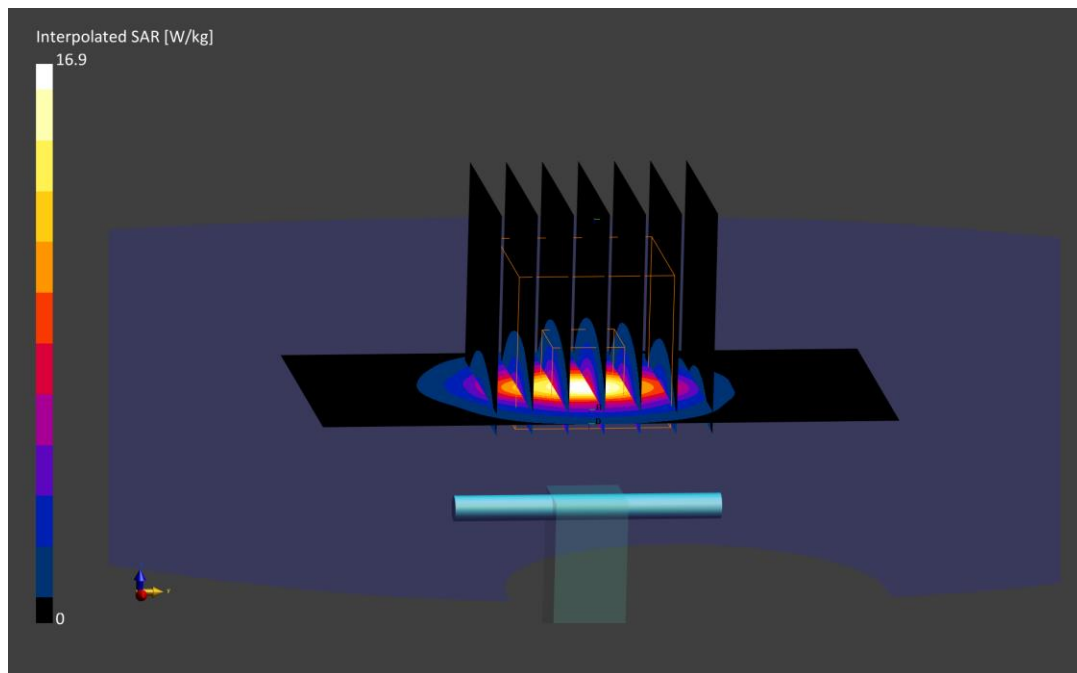
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 16.9 W/kg

SAR (1 g) = 6.43 W/kg

Deviation (1 g) = -5.16%



ELEMENT

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1055

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3500.0$ MHz; Cond = 2.93 S/m; perm = 37.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/27/2022; Ambient Temp: 20.3°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7416; Conv F:(6.67,6.67,6.67); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2022-05-16
Phantom: Twin-SAM V8.0; Serial: 2071
Measurement SW: DASY Module SAR V16.0.2.83

3500 MHz System Verification at 20 dBm (100 mW)

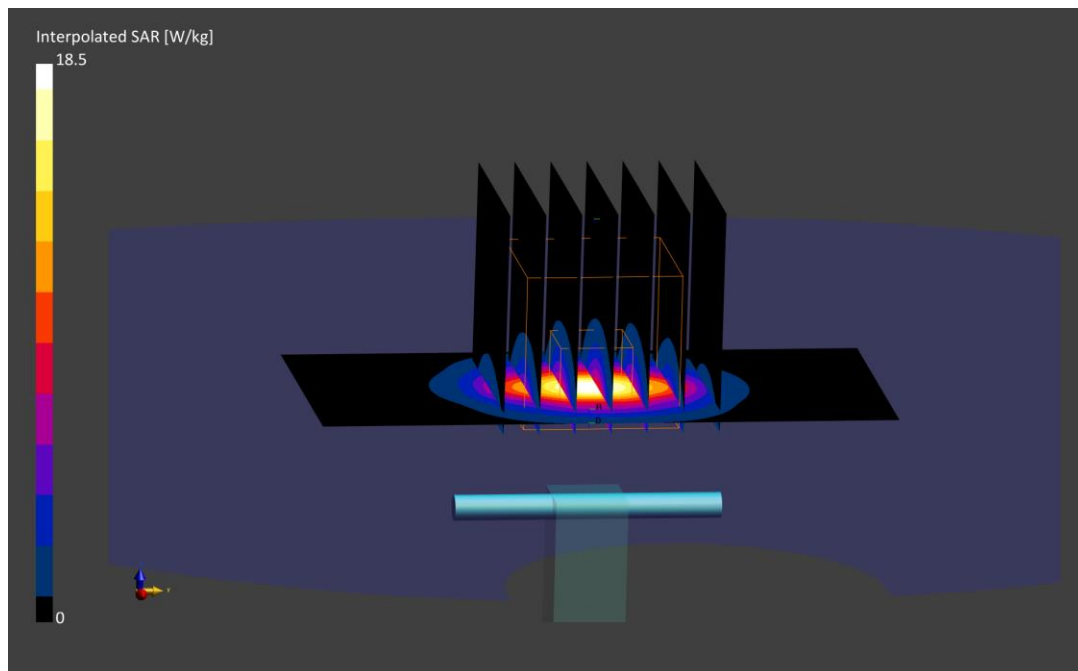
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 18.5 W/kg

SAR (1 g) = 7.06 W/kg

Deviation (1 g) = 4.13%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1002

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3700.0$ MHz; Cond = 3.05 S/m; perm = 36.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/24/2022; Ambient Temp: 20.3°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7416; Conv F:(6.43,6.43,6.43); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2022-05-16
Phantom: Twin-SAM V8.0; Serial: 2071
Measurement SW: DASY Module SAR V16.0.2.83

3700 MHz System Verification at 20 dBm (100 mW)

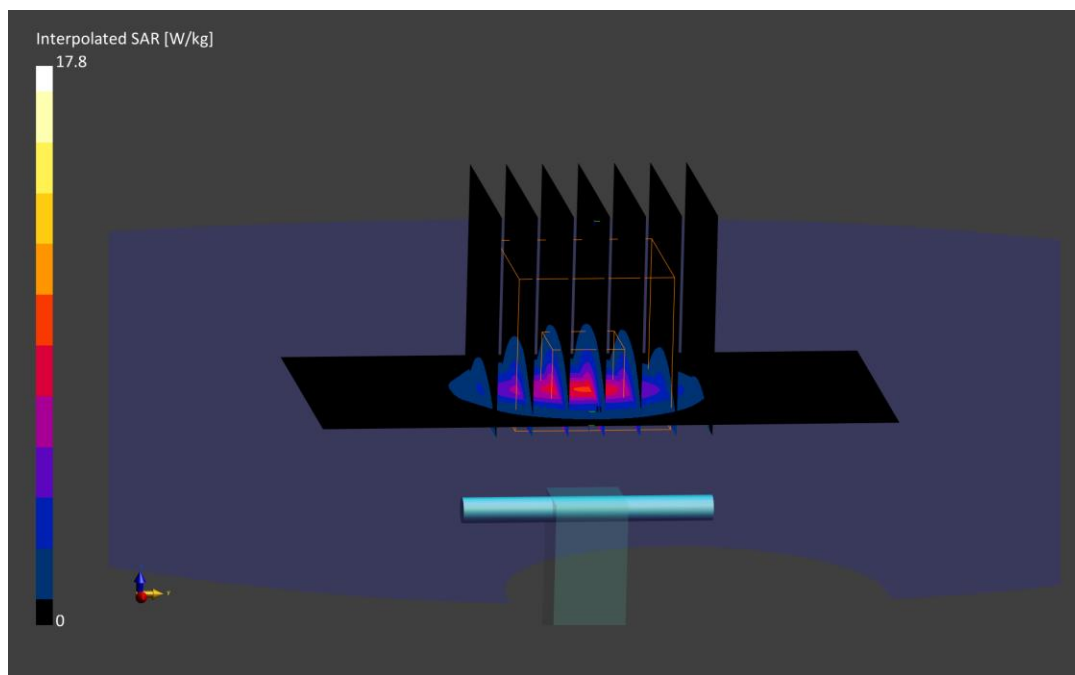
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.8 W/kg

SAR (1 g) = 6.59 W/kg

Deviation (1 g) = -4.22%



ELEMENT

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1002

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3700.0$ MHz; Cond = 3.09 S/m; perm = 36.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/27/2022; Ambient Temp: 20.3°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7416; Conv F:(6.43,6.43,6.43); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2022-05-16
Phantom: Twin-SAM V8.0; Serial: 2071
Measurement SW: DASY Module SAR V16.0.2.83

3700 MHz System Verification at 20 dBm (100 mW)

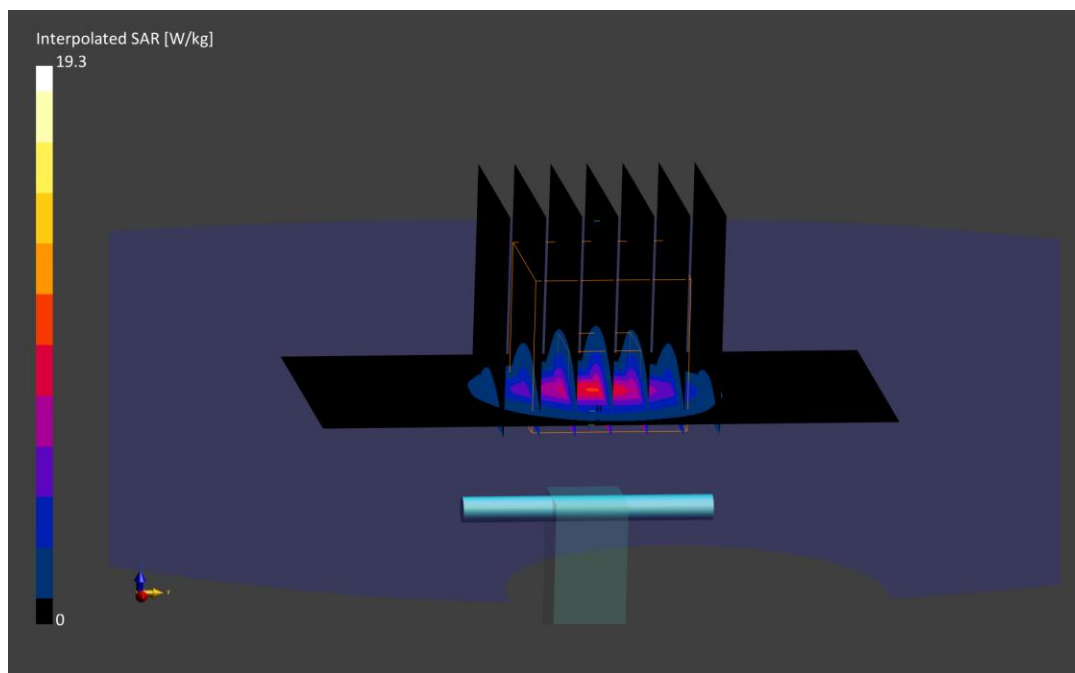
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 19.3 W/kg

SAR (1 g) = 7.10 W/kg

Deviation (1 g) = 3.20%



ELEMENT

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1062

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3900.0$ MHz; Cond = 3.21 S/m; perm = 36.6; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10 mm

Test Date: 06/24/2022; Ambient Temp: 20.3°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7416; Conv F:(6.4,6.4,6.4); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2022-05-16
Phantom: Twin-SAM V8.0; Serial: 2071
Measurement SW: DASY Module SAR V16.0.2.83

3900 MHz System Verification at 20 dBm (100 mW)

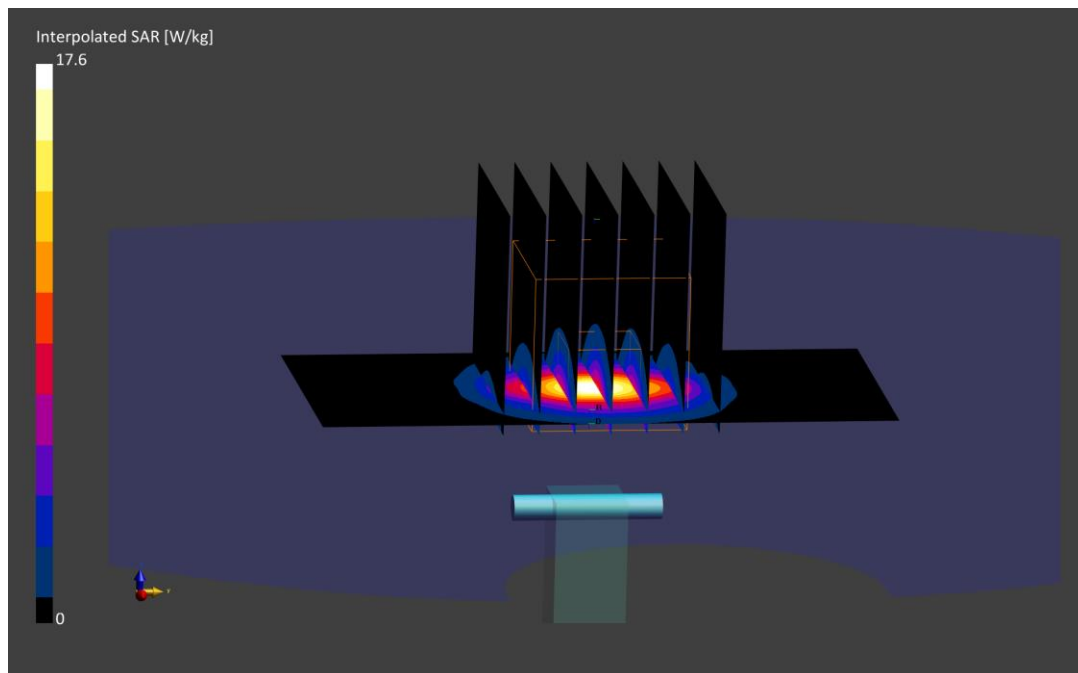
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.6 W/kg

SAR (1 g) = 6.58 W/kg

Deviation (1 g) = -4.08%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1123

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.0 MHz; Cond = 4.63 S/m; perm = 35.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/25/2022; Ambient Temp: 22.4°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7638; Conv F:(5.59,5.59,5.59); Calibrated: 2022-03-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.0.2.136

5250 MHz System Verification at 17 dBm (50 mW)

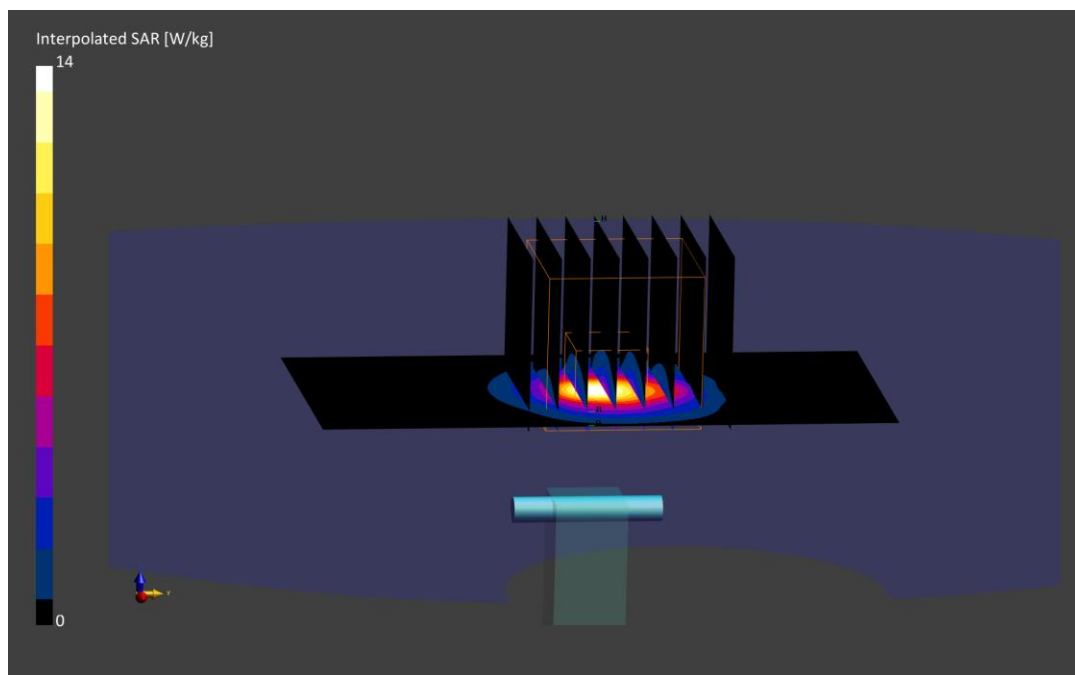
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 14.0 W/kg

SAR (1 g) = 3.75 W/kg

Deviation (1 g) = -6.83%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1123

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.0 MHz; Cond = 4.59 S/m; perm = 36.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/11/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7638; Conv F:(5.59,5.59,5.59); Calibrated: 2022-03-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
Phantom: Twin-SAM V8.0; Serial: 2027
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) = 14.4 W/kg

SAR (1 g) = 3.81 W/kg

Deviation (1 g) = -5.34%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1123

Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.0 MHz; Cond = 5.02 S/m; perm = 34.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/25/2022; Ambient Temp: 22.4°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7638; Conv F:(4.96,4.96,4.96); Calibrated: 2022-03-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
Phantom: Twin-SAM V8.0; Serial: 2027
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) = 15.6 W/kg

SAR (1 g) = 3.88 W/kg

Deviation (1 g) = -7.29%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1123

Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.0 MHz; Cond = 4.99 S/m; perm = 35.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/11/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7638; Conv F:(4.96,4.96,4.96); Calibrated: 2022-03-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
Phantom: Twin-SAM V8.0; Serial: 2027
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) = 15.5 W/kg

SAR (1 g) = 3.89 W/kg

Deviation (1 g) = -7.05%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1123

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.0 MHz; Cond = 5.20 S/m; perm = 34.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/25/2022; Ambient Temp: 22.4°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7638; Conv F:(5.18,5.18,5.18); Calibrated: 2022-03-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.0.2.136

5750 MHz System Verification at 17 dBm (50 mW)

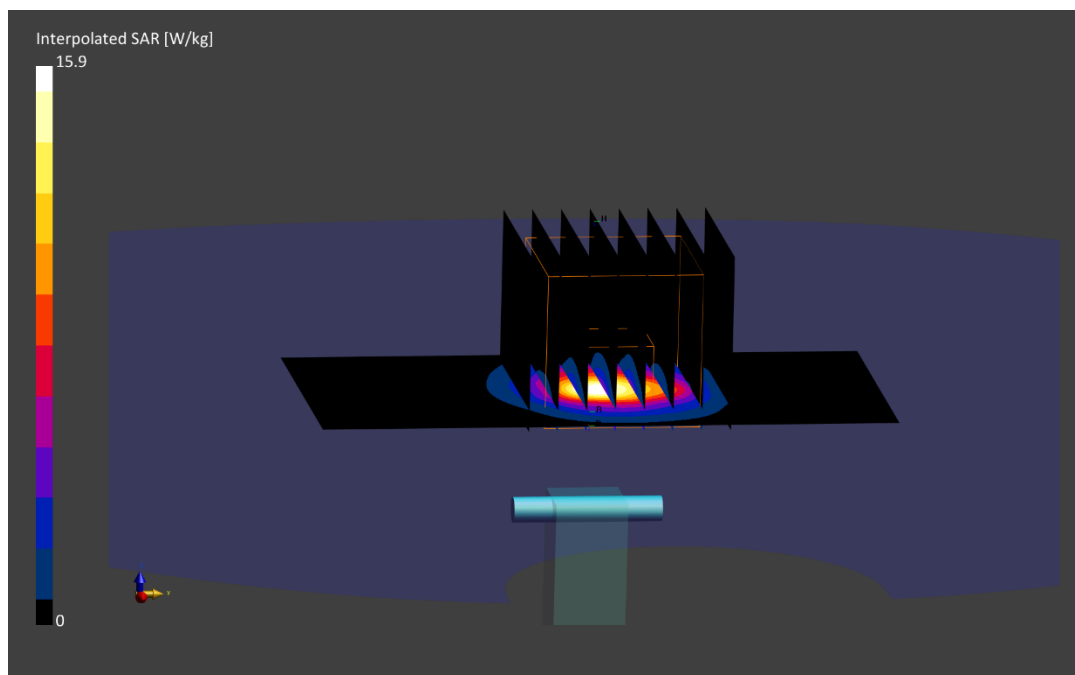
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.9 W/kg

SAR (1 g) = 3.77 W/kg

Deviation (1 g) = -6.34%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1123

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.0 MHz; Cond = 5.16 S/m; perm = 35.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 08/11/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7638; Conv F:(5.18,5.18,5.18); Calibrated: 2022-03-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
Phantom: Twin-SAM V8.0; Serial: 2027
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) = 16.2 W/kg

SAR (1 g) = 3.83 W/kg

Deviation (1 g) = -4.84%

