

APPENDIX B: SYSTEM VERIFICATION

PCTEST

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1003

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; cond = 0.904 S/m; perm = 41.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(10.08,10.08,10.08); 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: DASY8 Module SAR V16.0.0.65

750 MHz System Verification at 23 dBm (200 mW)

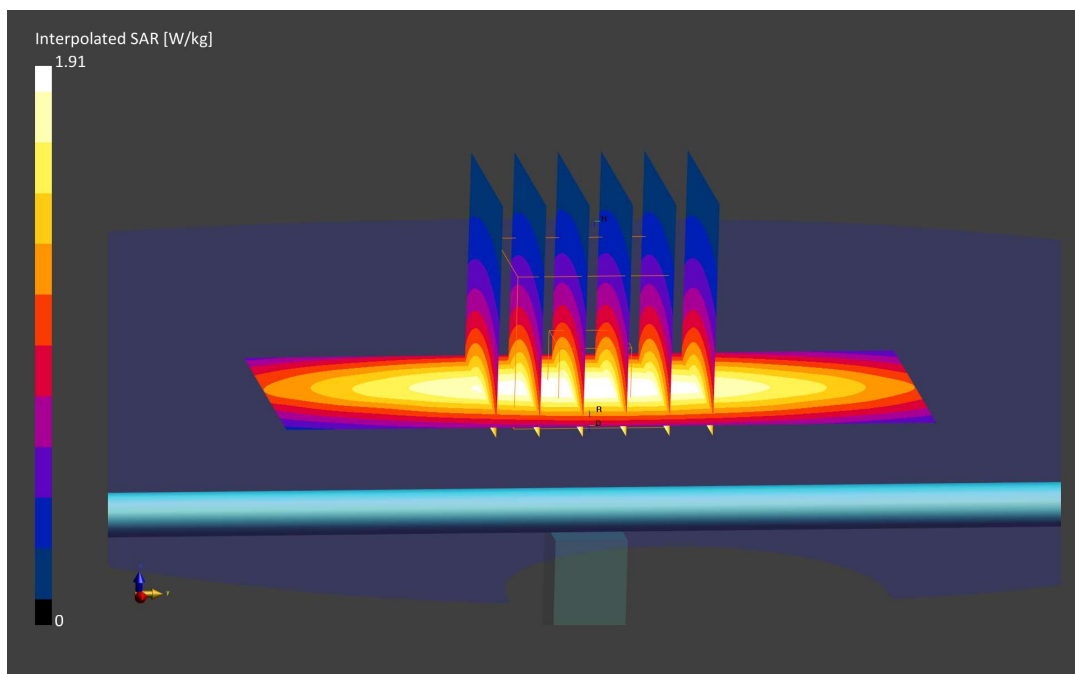
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.61 W/kg

SAR(1 g) = 1.64 W/kg

Deviation (1 g) = -6.61%



PCTEST

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; cond = 0.936 S/m; perm = 41.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.68,9.68,9.68); 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: DASY8 Module SAR V16.0.0.65

835 MHz System Verification at 23 dBm (200 mW)

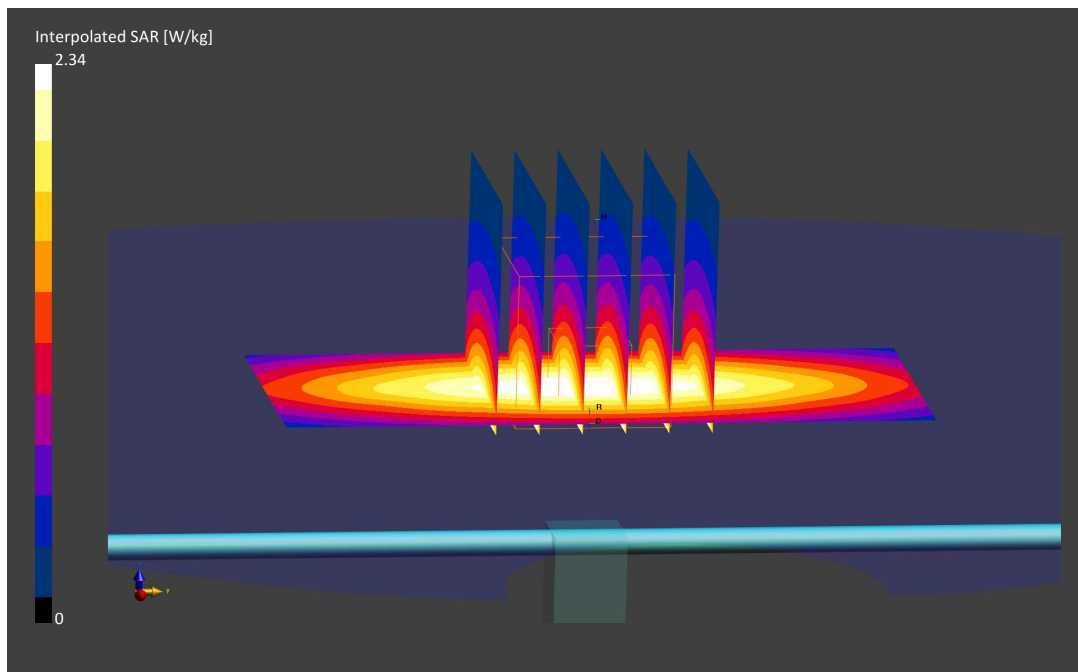
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.30 W/kg

SAR(1 g) = 2.03 W/kg

Deviation (1 g) = 5.07%



PCTEST

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; cond = 1.37 S/m; perm = 39.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(8.26,8.26,8.26); 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: DASY8 Module SAR V16.0.0.65

1750 MHz System Verification at 20 dBm (100 mW)

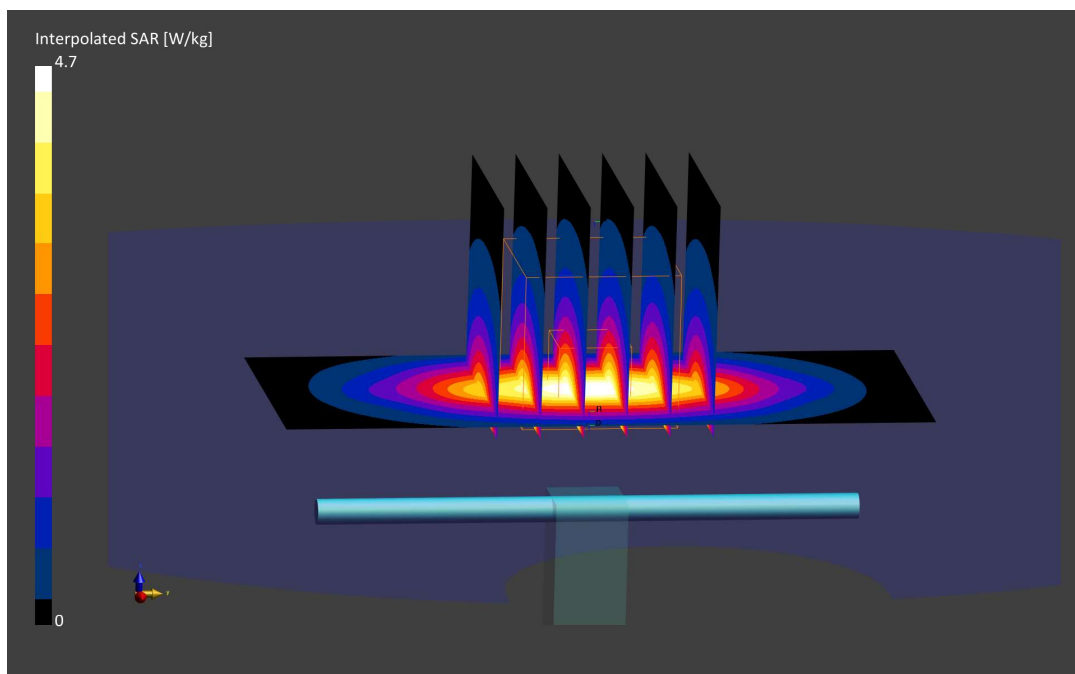
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.56 W/kg

SAR(1 g) = 3.84 W/kg

Deviation (1 g) = 5.21%



PCTEST

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; cond = 1.46 S/m; perm = 39.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); 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: DASY8 Module SAR V16.0.0.65

1900 MHz System Verification at 20 dBm (100 mW)

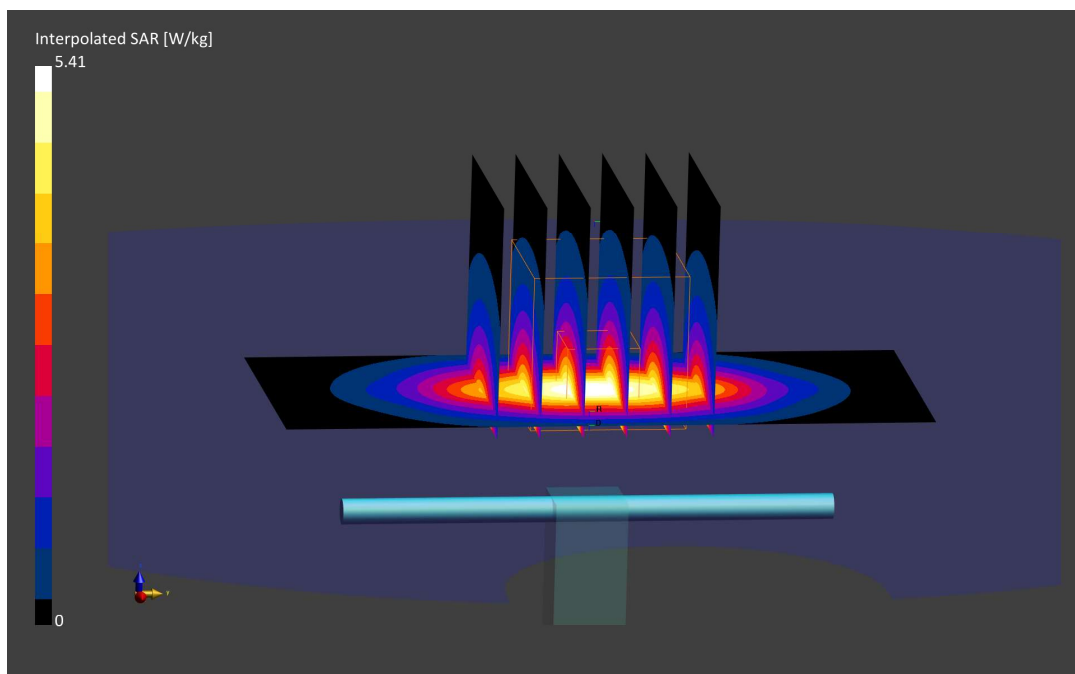
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 8.48 W/kg

SAR(1 g) = 4.32 W/kg

Deviation (1 g) = 8.54%



PCTEST

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; cond = 1.86 S/m; perm = 38.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/03/2021; Ambient Temp: 24.1°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7660; ConvF:(8.49,8.49,8.49); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2021-06-22
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.0.65

2450 MHz System Verification at 20 dBm (100 mW)

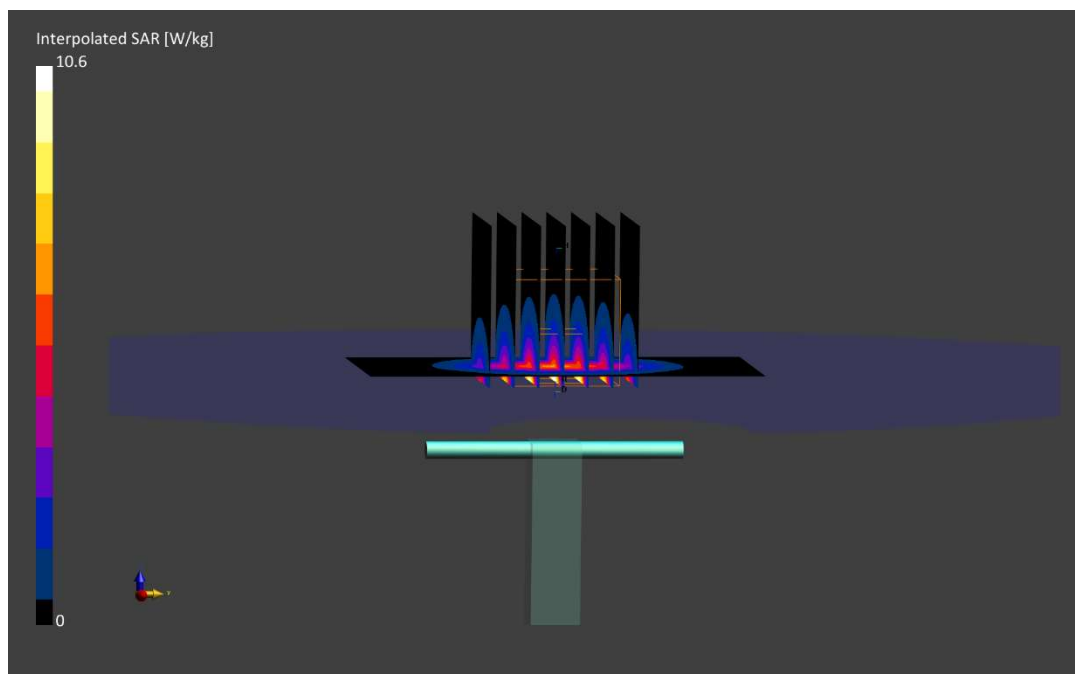
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.6 W/kg

SAR(1 g) = 4.92 W/kg

Deviation (1 g) = -5.93%



PCTEST

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; cond = 1.98 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/03/2021; Ambient Temp: 24.1°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7660; ConvF:(8.26,8.26,8.26); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2021-06-22
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.0.65

2600 MHz System Verification at 20 dBm (100 mW)

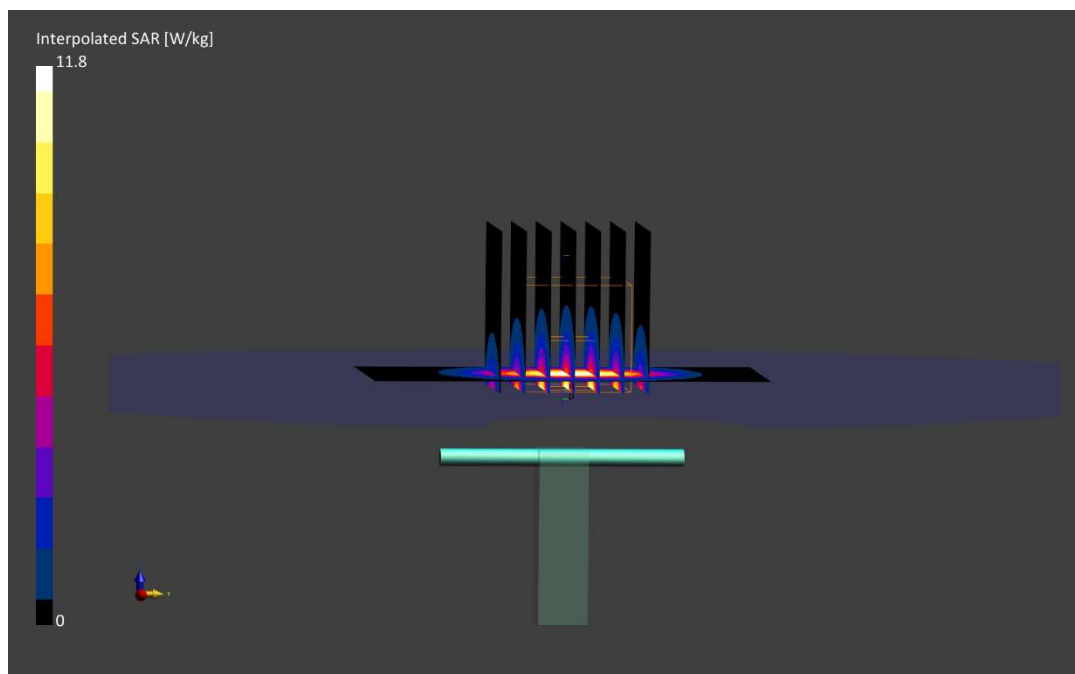
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.40 W/kg

Deviation (1 g) = -3.74%



PCTEST

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; $\text{cond} = 4.75$ S/m; $\text{perm} = 35.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/01/2021; Ambient Temp: 19.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7526; ConvF:(5.45,5.45,5.45); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1758
Measurement SW: DASY Module SAR V16.0.0.116

5250 MHz System Verification at 17 dBm (50 mW)

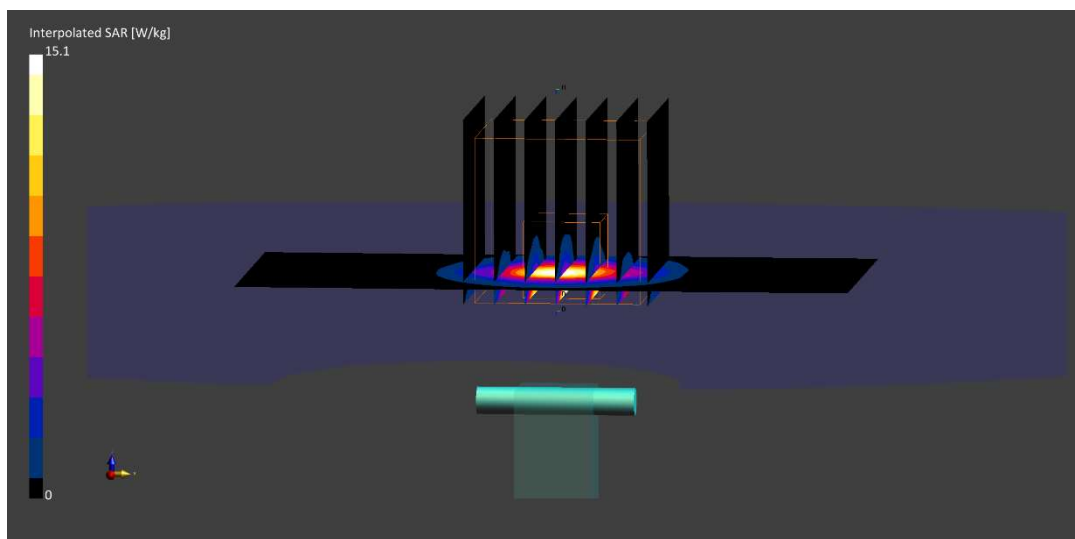
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 3.73 W/kg

Deviation (1 g) = -6.40%



PCTEST

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; $\text{cond} = 5.17$ S/m; $\text{perm} = 34.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/01/2021; Ambient Temp: 19.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.92,4.92,4.92); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1758
Measurement SW: DASY Module SAR V16.0.0.116

5600 MHz System Verification at 17 dBm (50 mW)

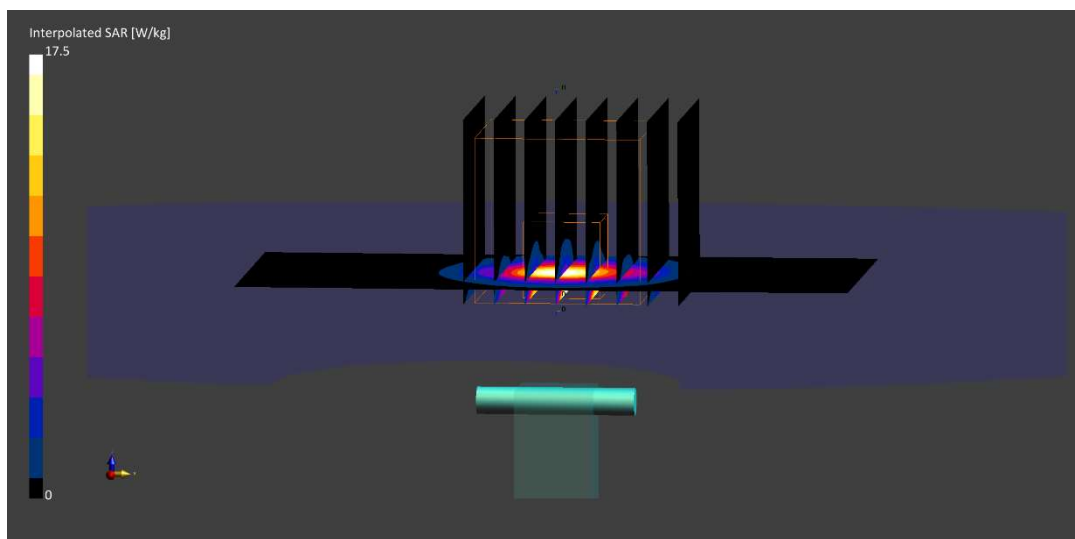
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 17.5 W/kg

SAR(1 g) = 4.01 W/kg

Deviation (1 g) = -4.30%



PCTEST

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; $\text{cond} = 5.35$ S/m; $\text{perm} = 34.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/01/2021; Ambient Temp: 19.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7526; ConvF:(5.01,5.01,5.01); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1758
Measurement SW: DASY Module SAR V16.0.0.116

5750 MHz System Verification at 17 dBm (50 mW)

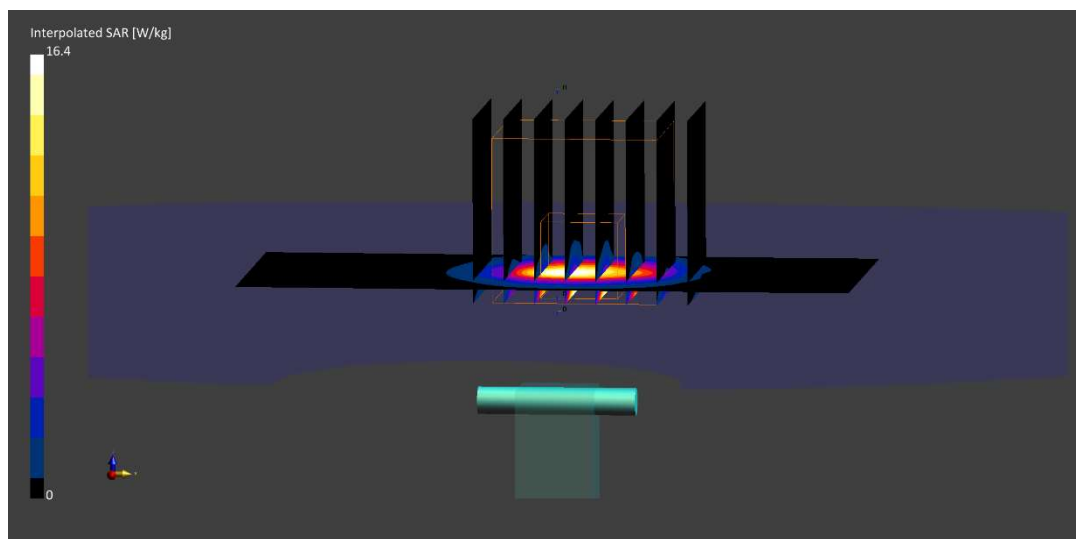
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 16.5 W/kg

SAR(1 g) = 3.73 W/kg

Deviation (1 g) = -6.87%



PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

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

Medium: 835 Body Medium parameters used:

$f = 835 \text{ MHz}$; $\sigma = 0.947 \text{ S/m}$; $\epsilon_r = 54.545$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 835 MHz; Calibrated: 6/21/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/15/2021

Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

835 MHz System Verification at 23.0 dBm (200 mW)

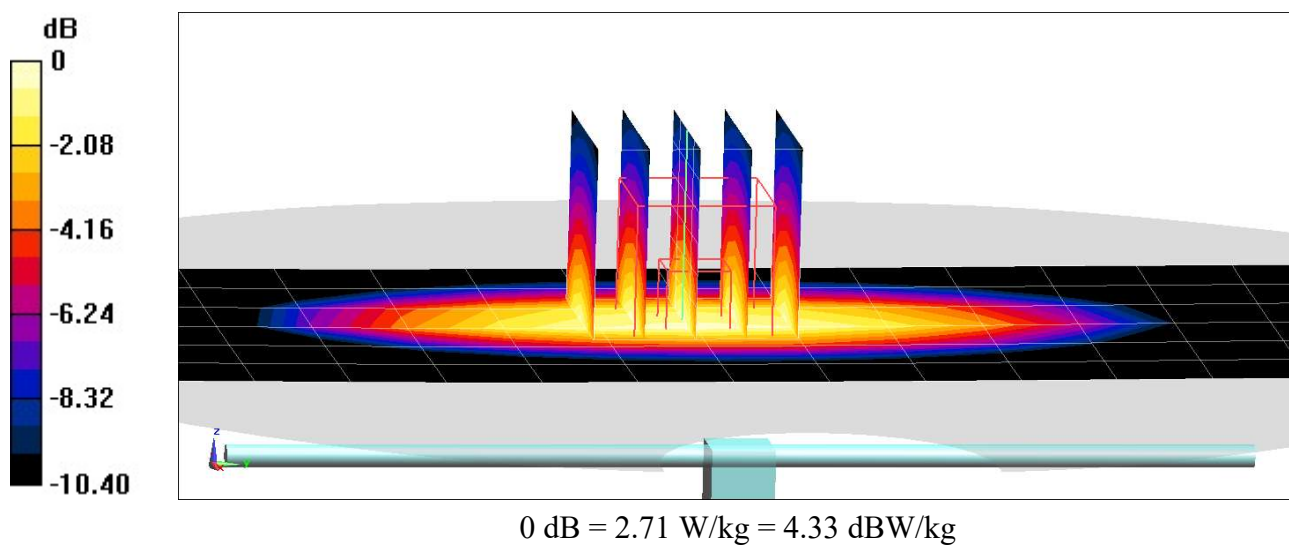
Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.33 W/kg

Deviation(1 g) = 3.59%; Deviation(10 g) = 3.91%



PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d148

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used:

$f = 1900 \text{ MHz}$; $\sigma = 1.571 \text{ S/m}$; $\epsilon_r = 51.494$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/30/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1900 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

1900 MHz System Verification at 20.0 dBm (100 mW)

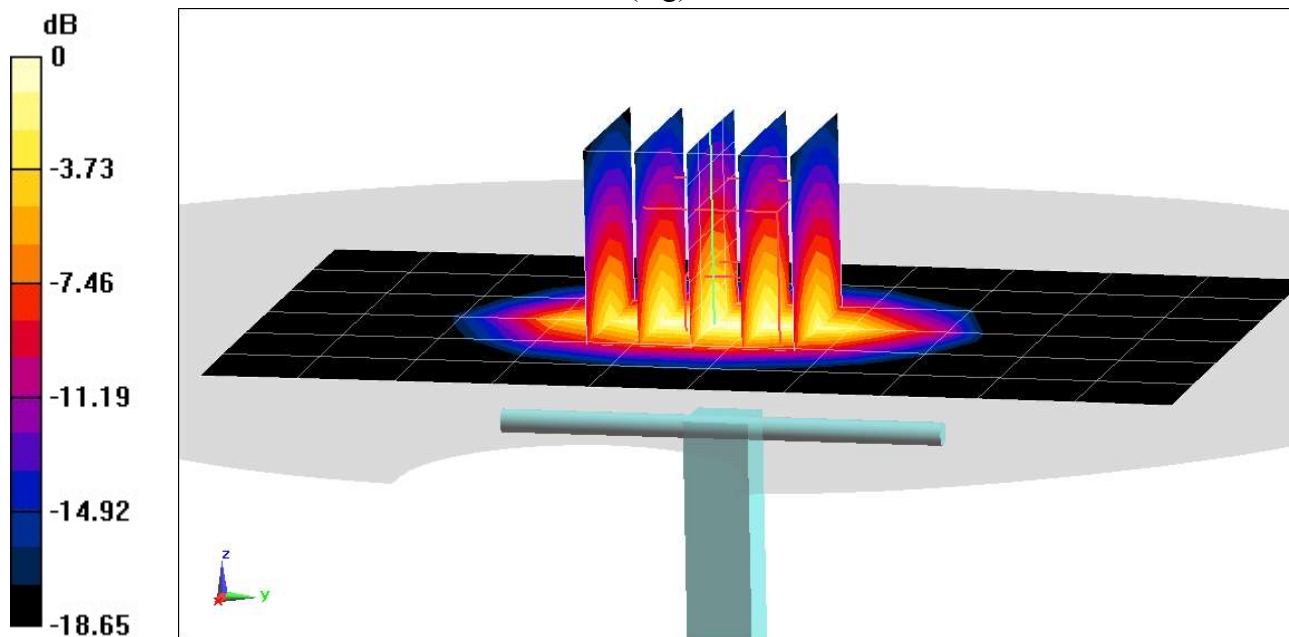
Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Peak SAR (extrapolated) = 7.64 W/kg

SAR(1 g) = 4.09 W/kg

Deviation(1 g) = 4.60%



0 dB = 6.42 W/kg = 8.08 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d148

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used:

$f = 1900 \text{ MHz}$; $\sigma = 1.541 \text{ S/m}$; $\epsilon_r = 50.885$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2021; Ambient Temp: 21.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1900 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

1900 MHz System Verification at 20.0 dBm (100 mW)

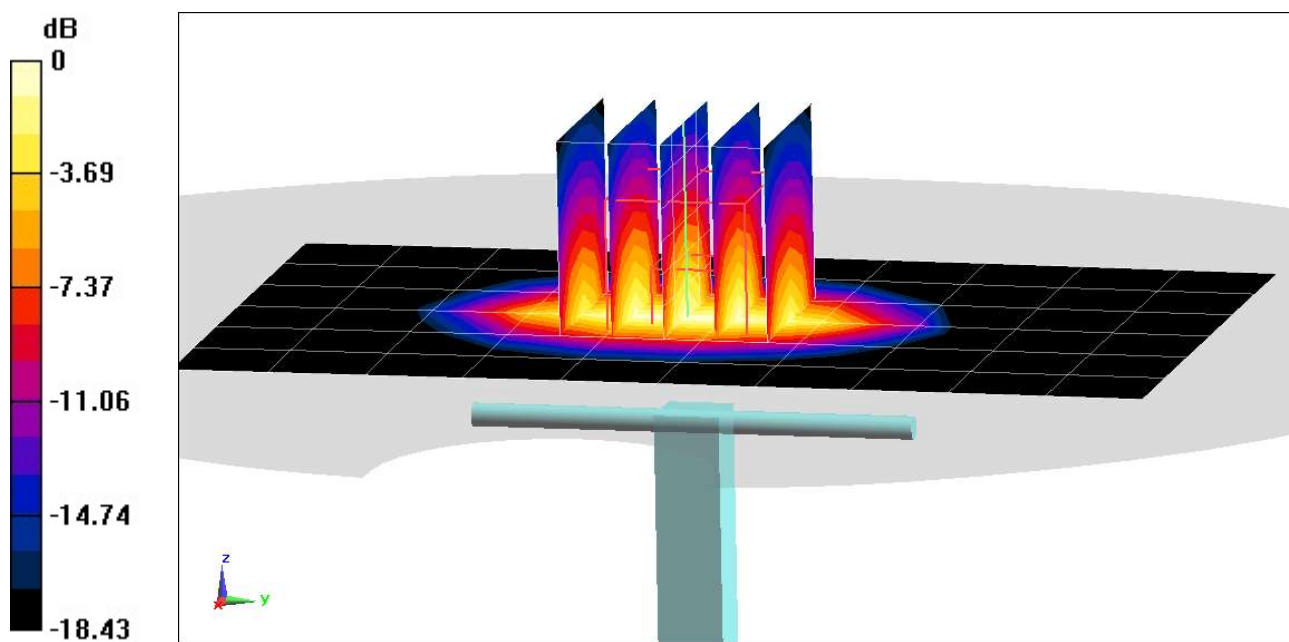
Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Peak SAR (extrapolated) = 7.79 W/kg

SAR(1 g) = 4.18 W/kg

Deviation(1 g) = 6.91%



0 dB = 6.54 W/kg = 8.16 dBW/kg

PCTEST

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 = 2.04 S/m; perm = 52.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/13/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V16.0.0.116

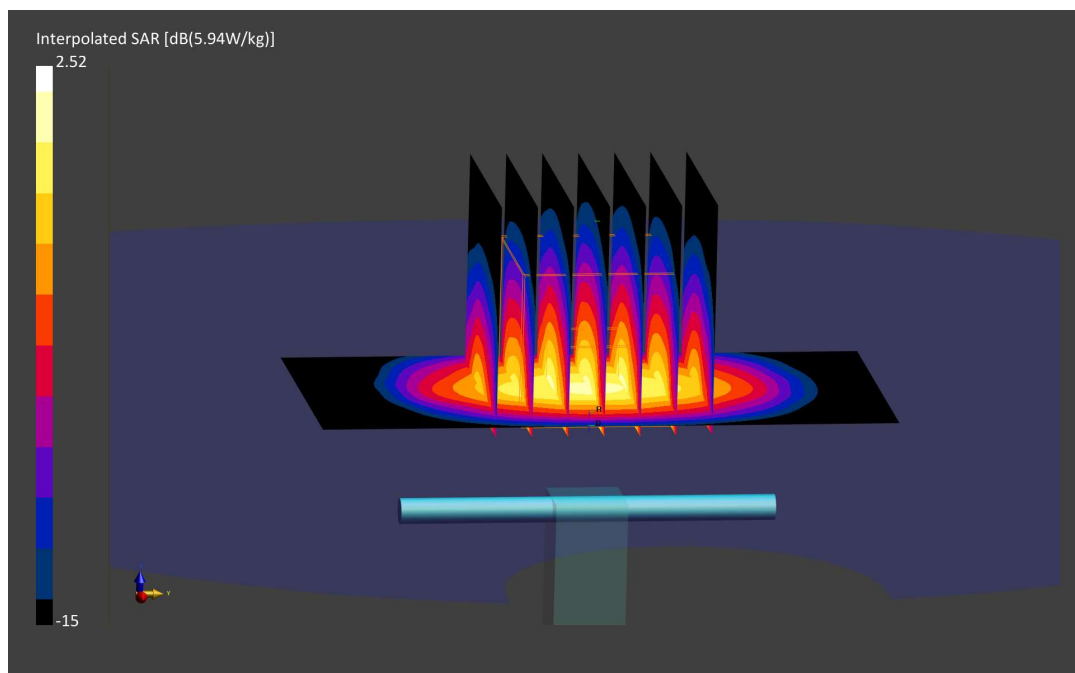
2450.0 MHz System Verification at 20.0 dBm

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 5.01 W/kg

Deviation (1 g) = 0.00%



PCTEST

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; $\text{cond} = 2.02$ S/m; $\text{perm} = 53.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/28/2021; Ambient Temp: 20.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.0.116

2450 MHz System Verification at 20 dBm (100 mW)

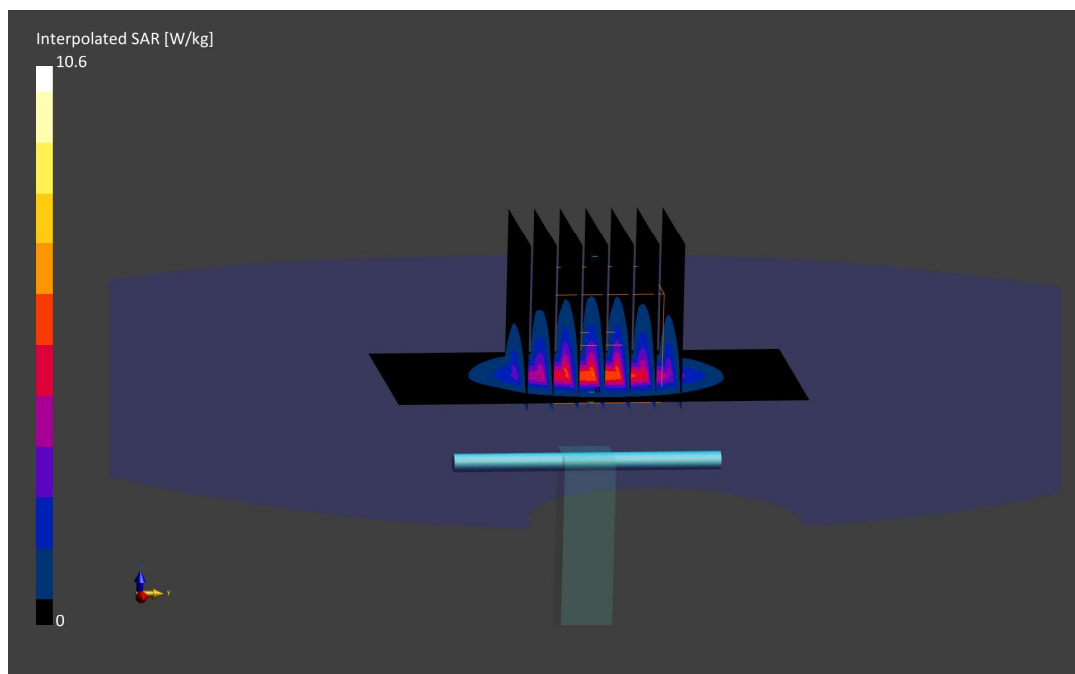
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.6 W/kg

SAR(1 g) = 4.94 W/kg; SAR(10 g) = 2.24 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = -4.27%



PCTEST

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 = 2.22 S/m; perm = 51.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/13/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873
Measurement SW: cDASY6 Module SAR V16.0.0.116

2600.0 MHz System Verification at 20.0 dBm

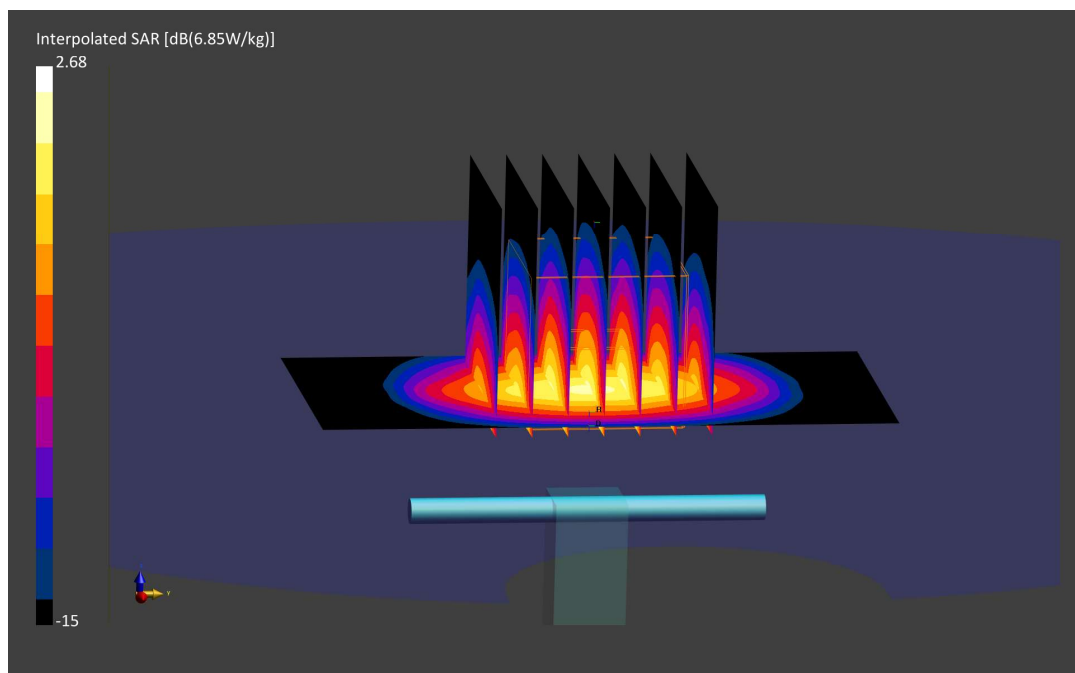
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.58 W/kg

Deviation (1 g) = 2.76%



PCTEST

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; $\text{cond} = 2.24$ S/m; $\text{perm} = 53.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/28/2021; Ambient Temp: 20.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.0.116

2600 MHz System Verification at 20 dBm (100 mW)

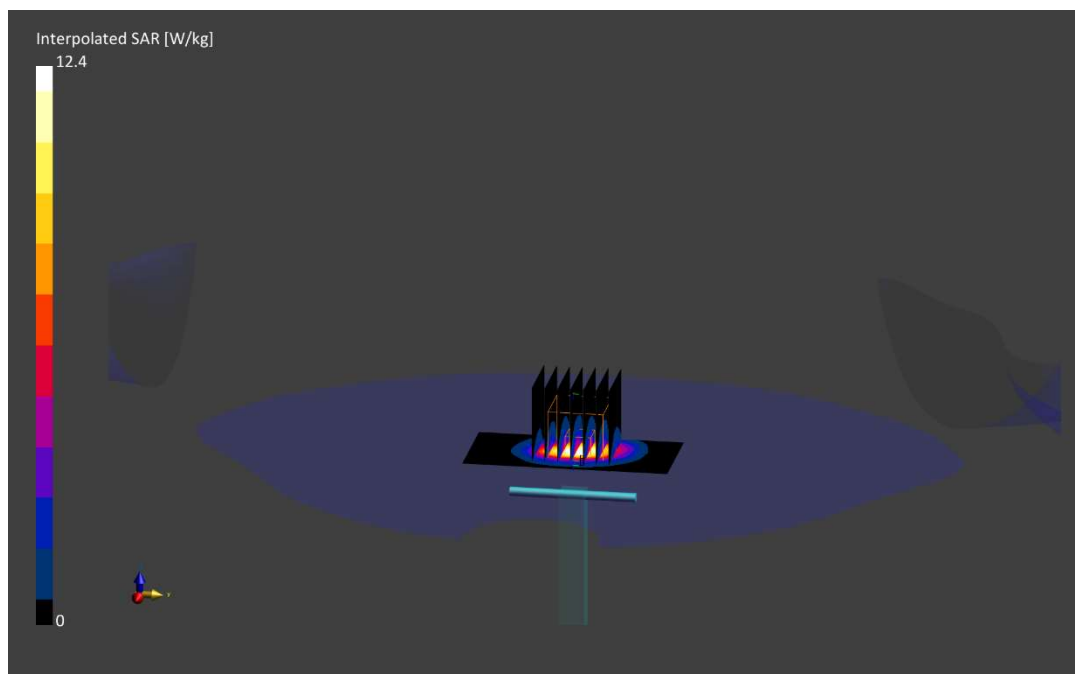
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.4 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.38 W/kg

Deviation (1 g) = -1.62%; Deviation (10 g) = -4.03%



PCTEST

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
 $f = 5250.0$ MHz; $\text{cond} = 5.45$ S/m; $\text{perm} = 49.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/27/2021; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1758
Measurement SW: DASY Module SAR V16.0.0.116

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) = 15.5 W/kg

SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = 4.44%; Deviation (10 g) = 4.35%



PCTEST

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
 $f = 5600.0$ MHz; $\text{cond} = 5.95$ S/m; $\text{perm} = 49.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/27/2021; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.16,4.16,4.16); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1758
Measurement SW: DASY Module SAR V16.0.0.116

5600 MHz System Verification at 17 dBm (50 mW)

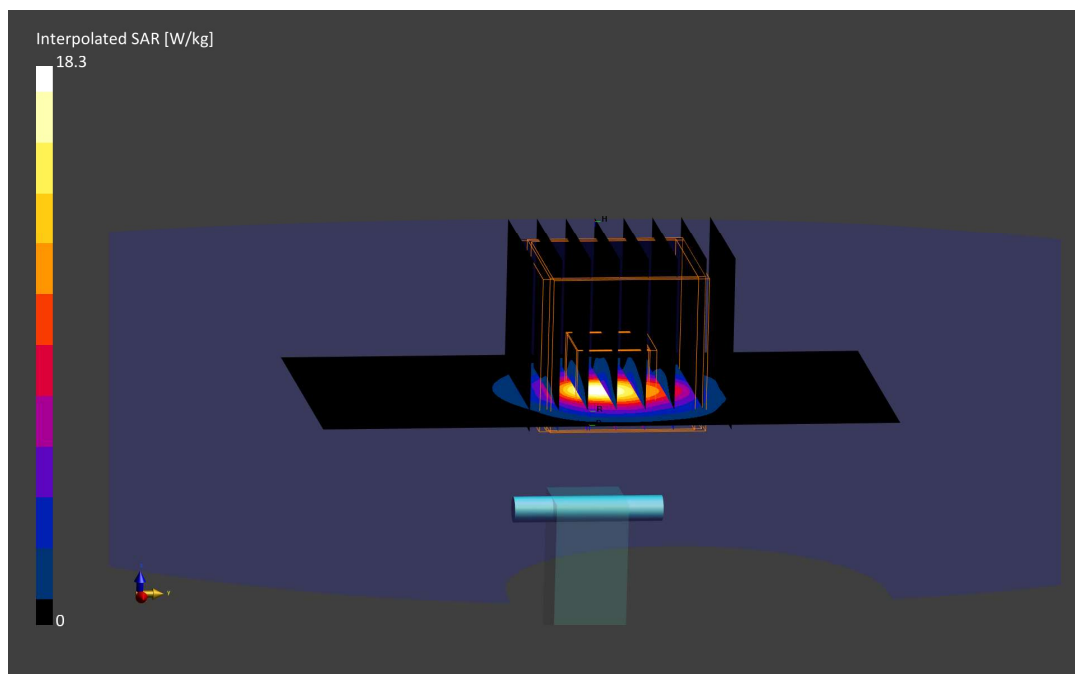
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 18.3 W/kg

SAR(1 g) = 4.18 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 8.01%; Deviation (10 g) = 7.48%



PCTEST

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
 $f = 5750.0$ MHz; $\text{cond} = 6.19$ S/m; $\text{perm} = 48.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/27/2021; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.18,4.18,4.18); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1758
Measurement SW: DASY Module SAR V16.0.0.116

5750 MHz System Verification at 17 dBm (50 mW)

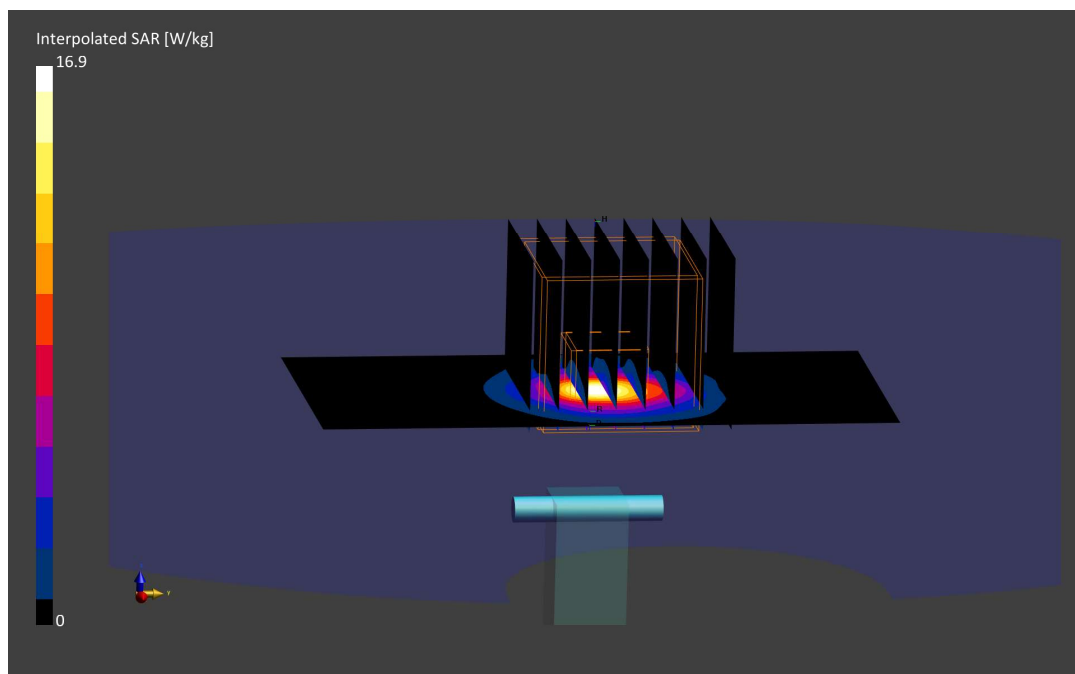
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 16.9 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.05 W/kg

Deviation (1 g) = 3.30%; Deviation (10 g) = 5.00%



PCTEST

DUT: CLA13; Type: CLA; Serial: 1002

Communication System: UID:0; Frequency: 13.0 MHz
Medium: 13 MHz; Medium parameters used:
f = 13.0 MHz; cond = 0.744 S/m; perm = 53.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 09/08/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3914; ConvF:(18.18,18.18,18.18); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: ELI V4.0 (20deg probe tilt); Serial: 1202
Measurement SW: DASY Module SAR V16.0.0.65

13.0 MHz System Validation at 30.0 dBm

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) = 1.05 W/kg

SAR(1 g) = 0.514 W/kg

Deviation(1 g): -5.51%

