

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; $\text{cond} = 1.87$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 02/28/2023; Ambient Temp: 22.3°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN3949; ConvF:(7.87,7.87,7.87); Calibrated: 2022-09-19

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1684; Calibrated: 2022-09-15

Phantom: Twin-SAM V8.0; Serial: 1598

Measurement SW: DASY Module SAR V16.2.0.1425

2450 MHz System Verification at 20 dBm (100 mW)

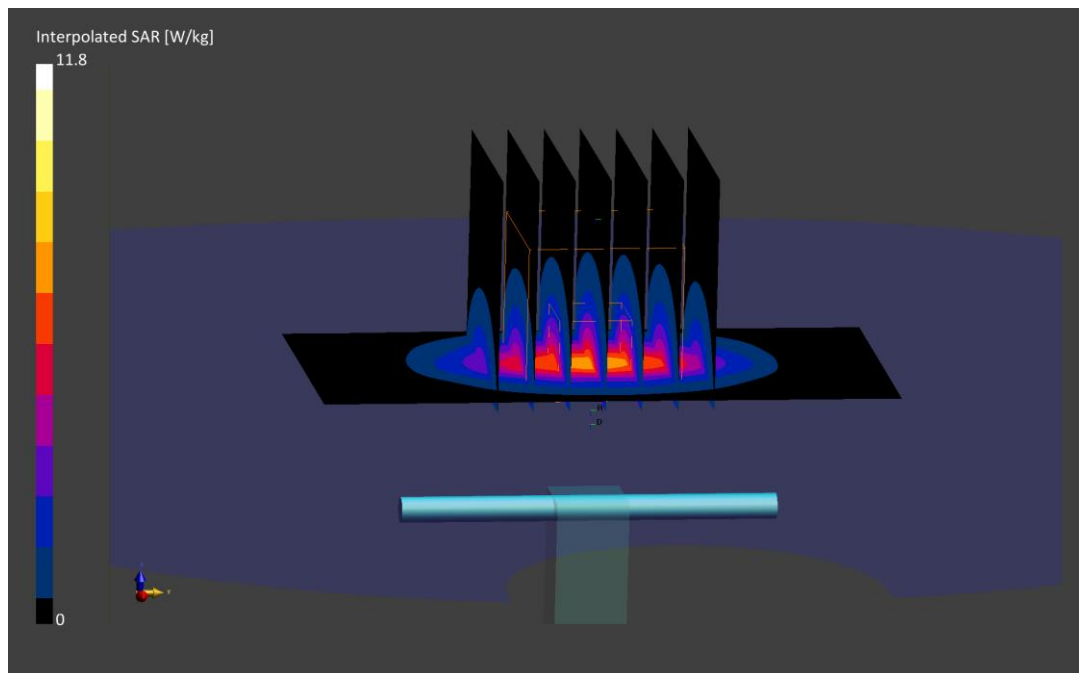
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.7 W/kg

SAR (1 g) = 5.57 W/kg; SAR (10 g) = 2.58 W/kg

Deviation (1 g) = 5.89%; Deviation (10 g) = 5.31%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN921

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; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 03/01/2023; Ambient Temp: 22.2°C; Tissue Temp: 19.5°C

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

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

Electronics: DAE4 Sn1403; Calibrated: 2023-02-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

2450 MHz System Verification at 20 dBm (100 mW)

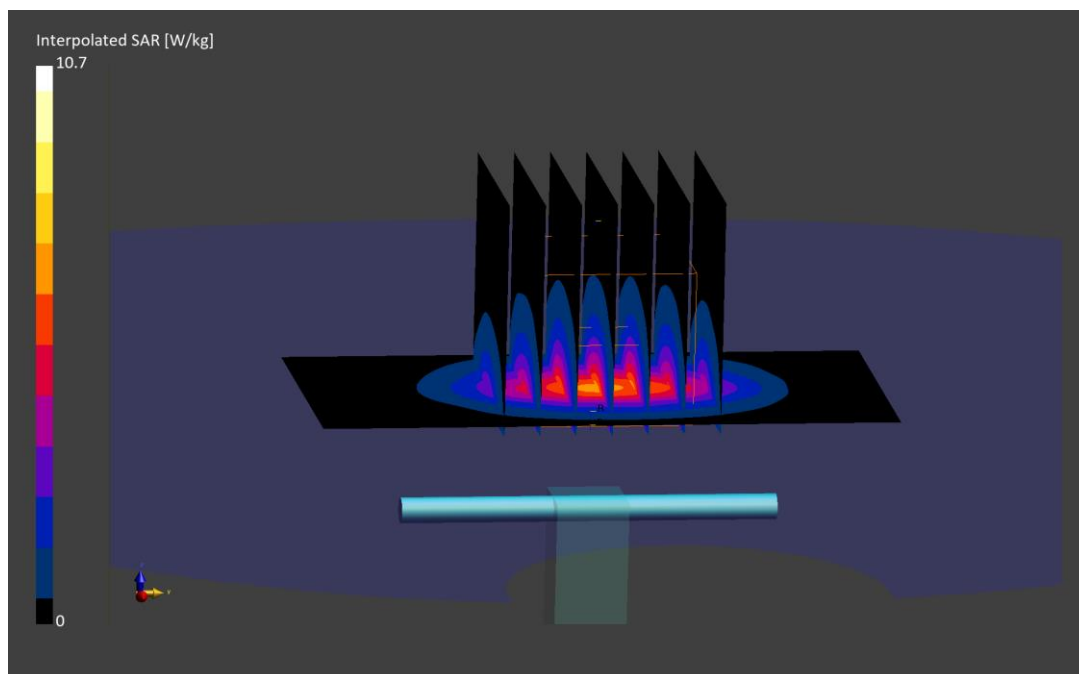
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 10.7 W/kg

SAR (1 g) = 5.17 W/kg; SAR (10 g) = 2.40 W/kg

Deviation (1 g) = -4.61%; Deviation (10 g) = -5.88%



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; $\text{cond} = 1.86$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 03/02/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN3949; ConvF:(7.87,7.87,7.87); Calibrated: 2022-09-19

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1684; Calibrated: 2022-09-15

Phantom: Twin-SAM V8.0; Serial: 1598

Measurement SW: DASY Module SAR V16.2.0.1425

2450 MHz System Verification at 20 dBm (100 mW)

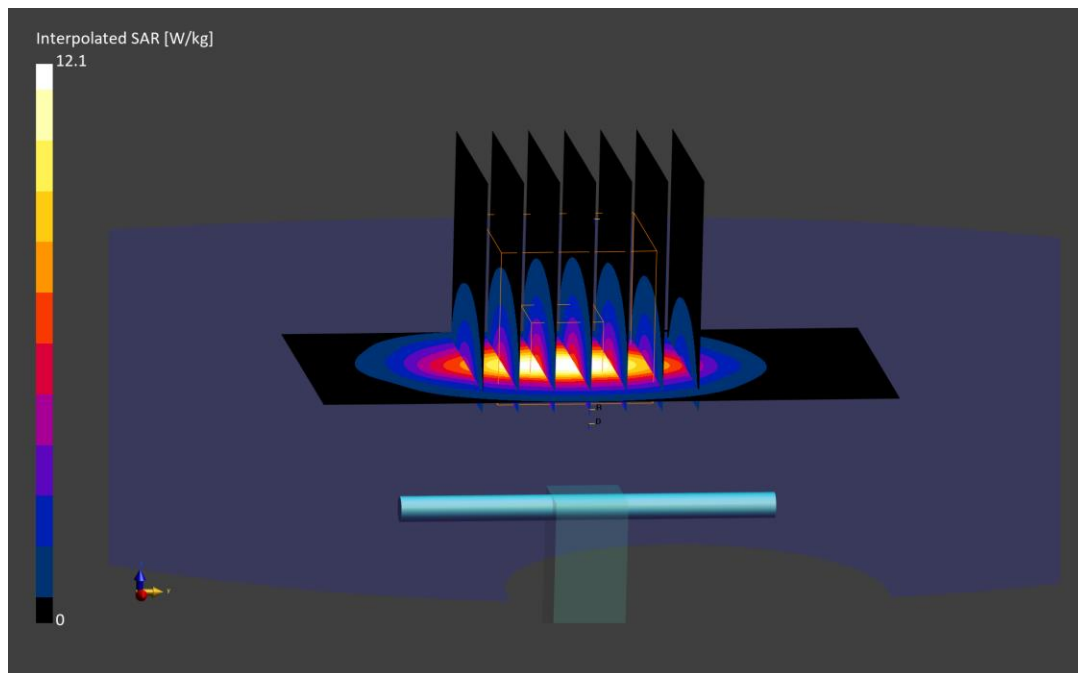
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.1 W/kg

SAR (1 g) = 5.55 W/kg; SAR (10 g) = 2.57 W/kg

Deviation (1 g) = 5.51%; Deviation (10 g) = 4.90%



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; $\text{cond} = 1.85$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 03/28/2023; Ambient Temp: 22.2°C; Tissue Temp: 21.2°C

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

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

Electronics: DAE4 Sn1403; Calibrated: 2023-02-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

2450 MHz System Verification at 20 dBm (100 mW)

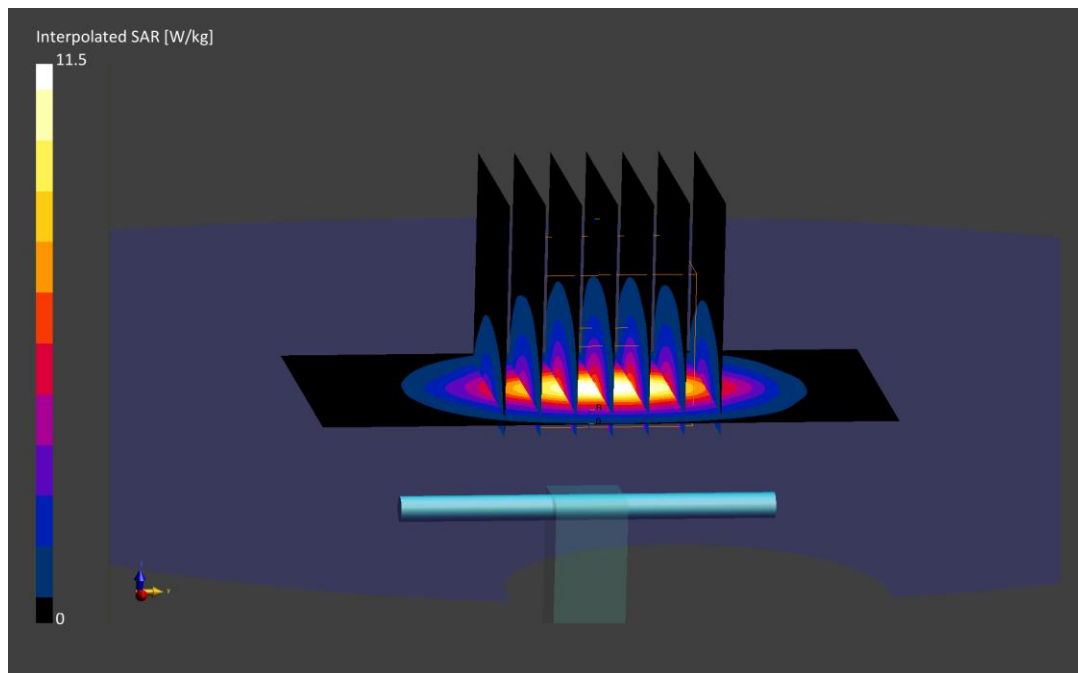
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 11.5 W/kg

SAR (1 g) = 5.54 W/kg; SAR (10 g) = 2.58 W/kg

Deviation (1 g) = 5.32%; Deviation (10 g) = 5.31%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1163

Communication System: UID: 0, CW; Frequency: 5250.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5250.0$ MHz; $\text{cond} = 4.74$ S/m; $\text{perm} = 35.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 03/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7427; ConvF:(5.12,5.12,5.12); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn1403; Calibrated: 2023-02-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

5250 MHz System Verification at 17 dBm (50 mW)

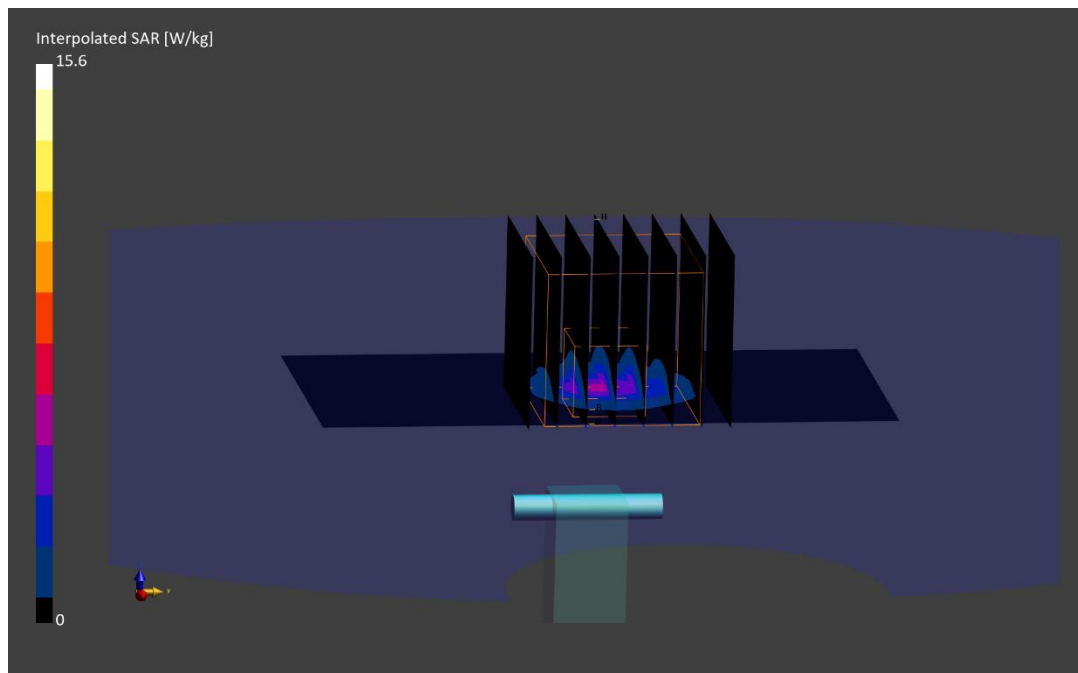
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.6 W/kg

SAR (1 g) = 4.05 W/kg; SAR (10 g) = 1.15 W/kg

Deviation (1 g) = 1.00%; Deviation (10 g) = -0.43%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1163

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

Medium: 5200-5800 Head; Medium parameters used:

f = 5600.0 MHz; cond = 5.13 S/m; perm = 34.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 03/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7427; ConvF:(4.64,4.64,4.64); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn1403; Calibrated: 2023-02-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

5600 MHz System Verification at 17 dBm (50 mW)

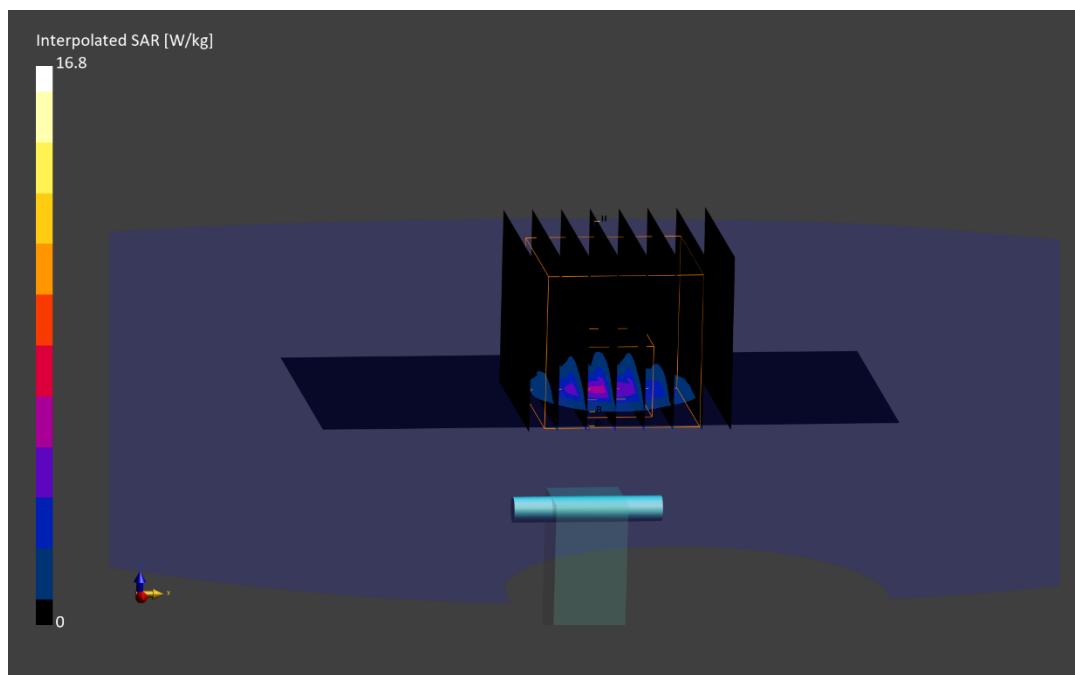
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 16.7 W/kg

SAR (1 g) = 4.03 W/kg; SAR (10 g) = 1.13 W/kg

Deviation (1 g) = -3.24%; Deviation (10 g) = -5.04%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1163

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.0 MHz; cond = 5.32 S/m; perm = 34.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 03/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7427; ConvF:(4.8,4.8,4.8); Calibrated: 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1403; Calibrated: 2023-02-15
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.2.0.1425

5750 MHz System Verification at 17 dBm (50 mW)

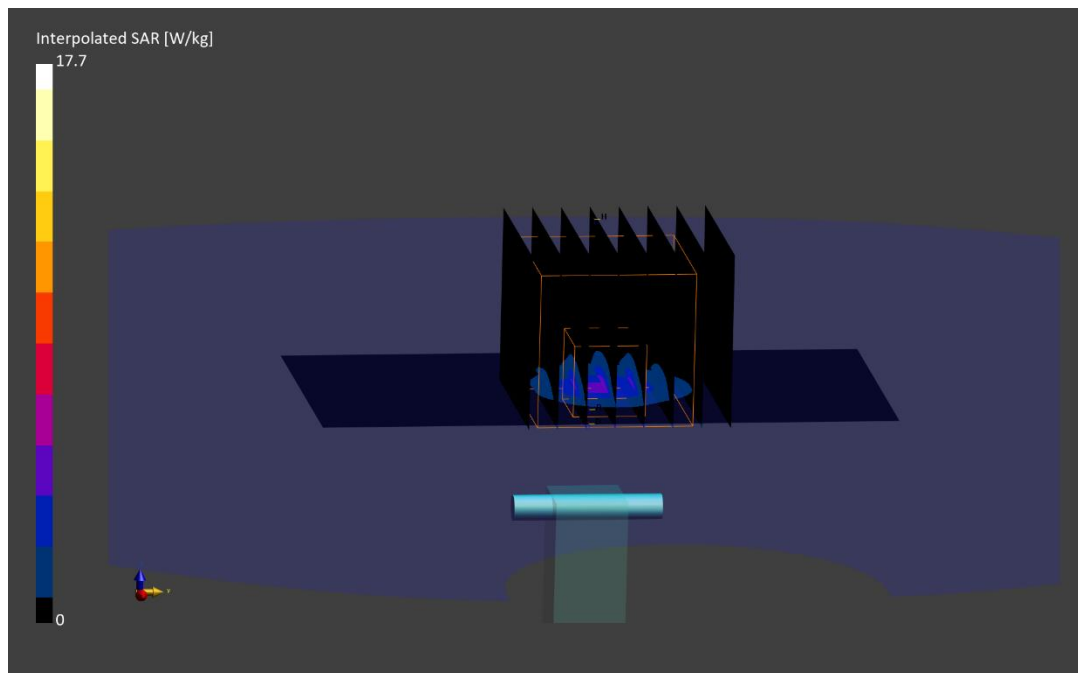
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.7 W/kg

SAR (1 g) = 4.19 W/kg; SAR (10 g) = 1.19 W/kg

Deviation (1 g) = 3.46%; Deviation (10 g) = 3.48%



ELEMENT

DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1066

Communication System: UID: 0, CW; Frequency: 5250.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5250.0$ MHz; $\text{cond} = 4.78$ S/m; $\text{perm} = 35.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/12/2023; Ambient Temp: 23.9°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7308; ConvF:(5.61,5.61,5.61); Calibrated: 2023-02-13

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V8.0; Serial: 1598

Measurement SW: DASY Module SAR V16.2.0.1425

5250 MHz System Verification at 17 dBm (50 mW)

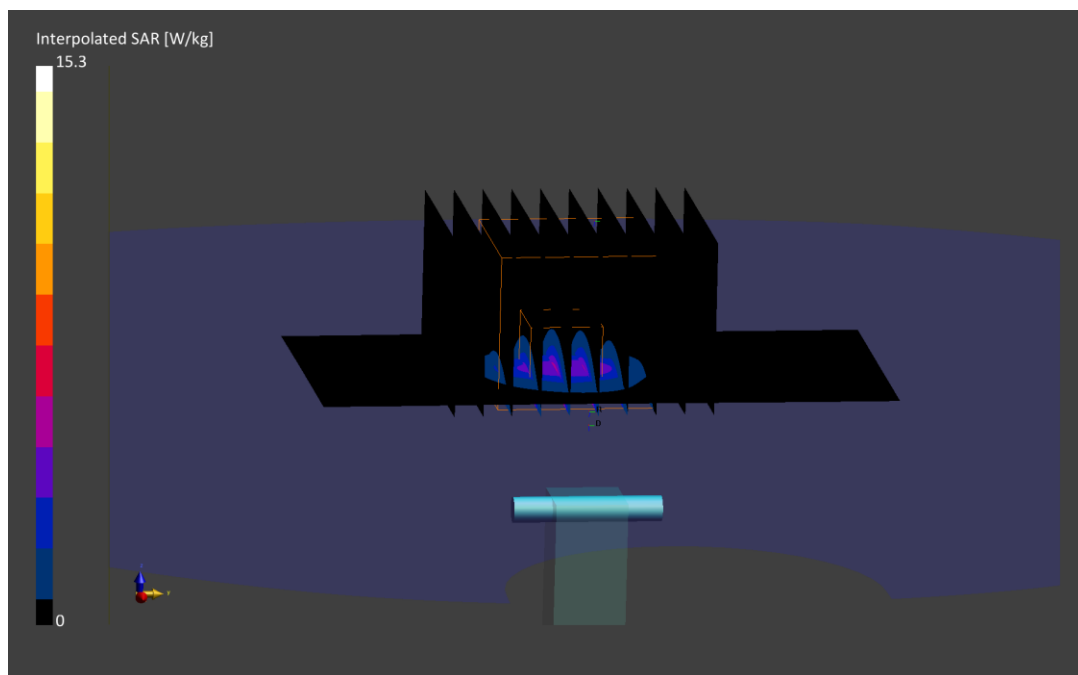
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 15.3 W/kg

SAR (1 g) = 3.93 W/kg; SAR (10 g) = 1.12 W/kg

Deviation (1 g) = -2.12%; Deviation (10 g) = -3.03%



ELEMENT

DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1066

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

Medium: 5200-5800 Head; Medium parameters used:

$f = 5600.0$ MHz; $\text{cond} = 5.18$ S/m; $\text{perm} = 35.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/12/2023; Ambient Temp: 23.9°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7308; ConvF:(4.92,4.92,4.92); Calibrated: 2023-02-13

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V8.0; Serial: 1598

Measurement SW: DASY Module SAR V16.2.0.1425

5600 MHz System Verification at 17 dBm (50 mW)

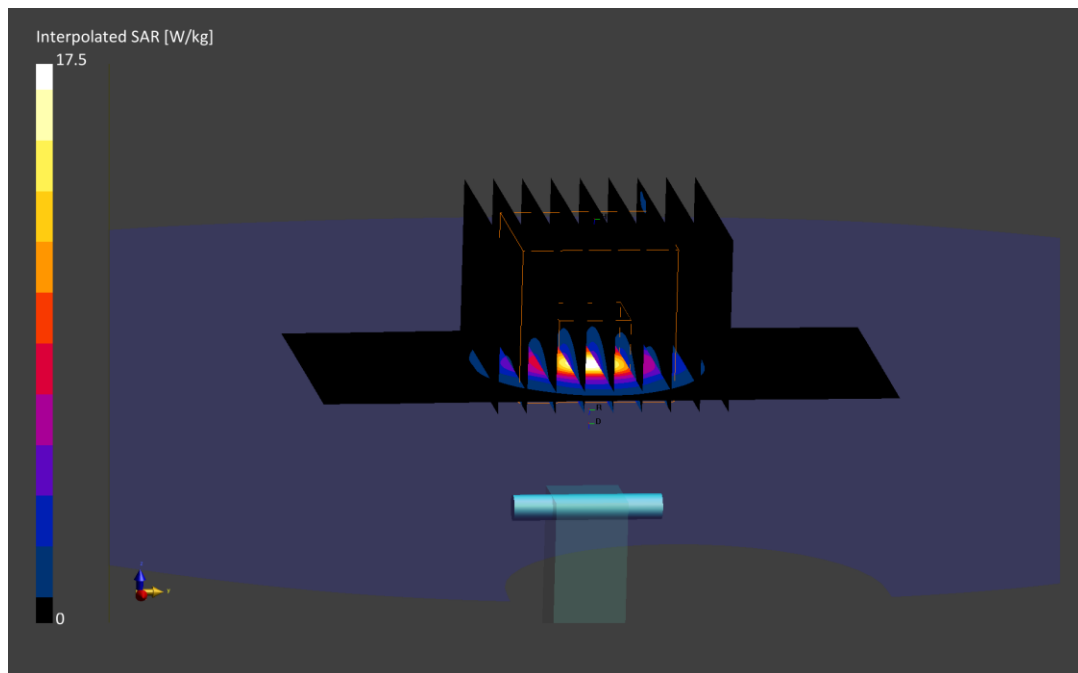
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 4.18 W/kg; SAR (10 g) = 1.18 W/kg

Deviation (1 g) = -0.36%; Deviation (10 g) = -2.07%



ELEMENT

DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1066

Communication System: UID: 0, CW; Frequency: 5750.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5750.0$ MHz; $\text{cond} = 5.38$ S/m; $\text{perm} = 34.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 04/12/2023; Ambient Temp: 23.9°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7308; ConvF:(5.03,5.03,5.03); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V8.0; Serial: 1598

Measurement SW: DASY Module SAR V16.2.0.1425

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) = 17.5 W/kg

SAR (1 g) = 4.12 W/kg; SAR (10 g) = 1.16 W/kg

Deviation (1 g) = 3.65%; Deviation (10 g) = 2.65%

