

APPENDIX B: SYSTEM VERIFICATION

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 = 42.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/30/2022; Ambient Temp: 24.3°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7499; ConvF:(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

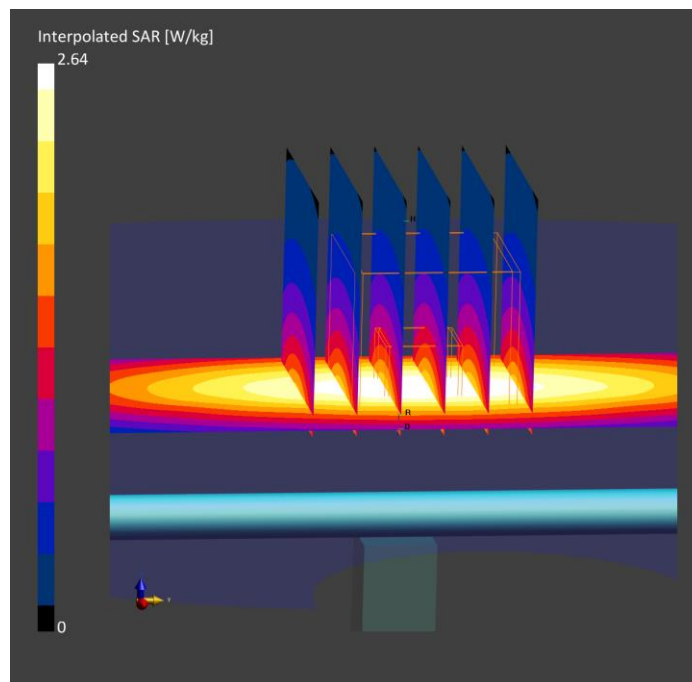
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.64 W/kg

SAR(1 g) = 1.74 W/kg

Deviation (1 g) = 2.72%



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; ConvF:(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

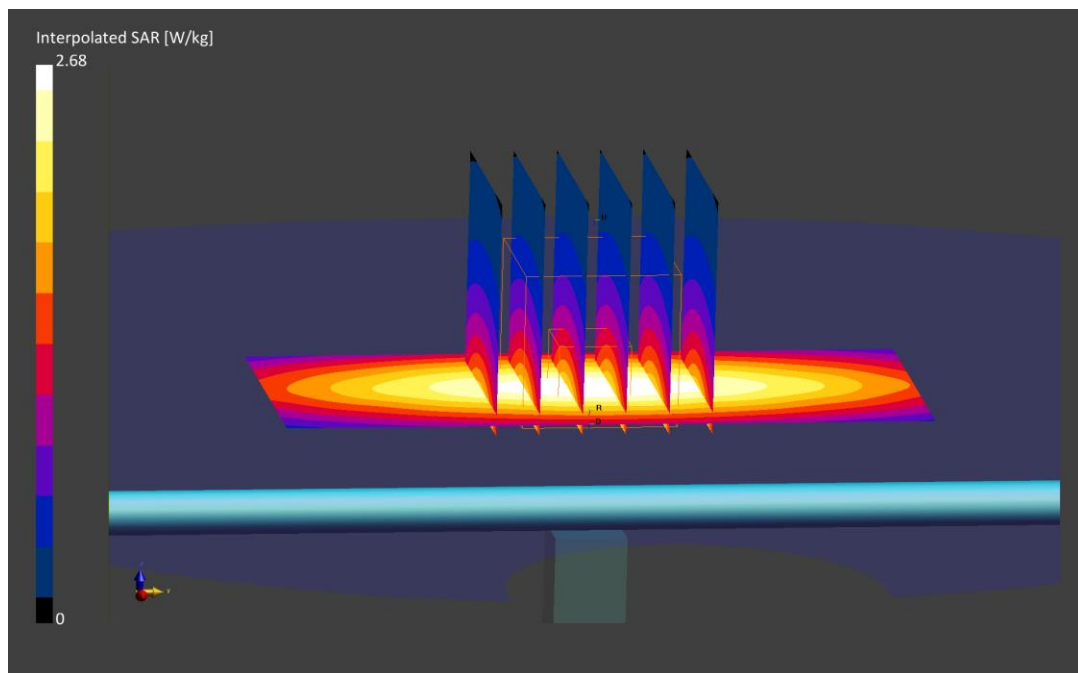
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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 = 0.892 S/m; perm = 42.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/12/2022; Ambient Temp: 24.0°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7499; ConvF:(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

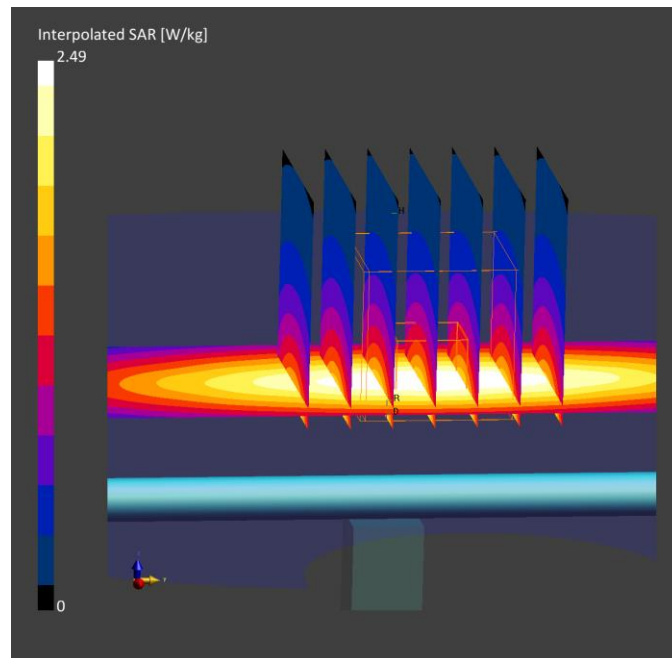
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.49 W/kg

SAR(1 g) = 1.62 W/kg

Deviation (1 g) = -1.34%



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 = 0.869 S/m; perm = 42.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/12/2022; Ambient Temp: 22.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7638; ConvF:(10.25,10.25,10.25); 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

750 MHz System Verification at 23 dBm (200 mW)

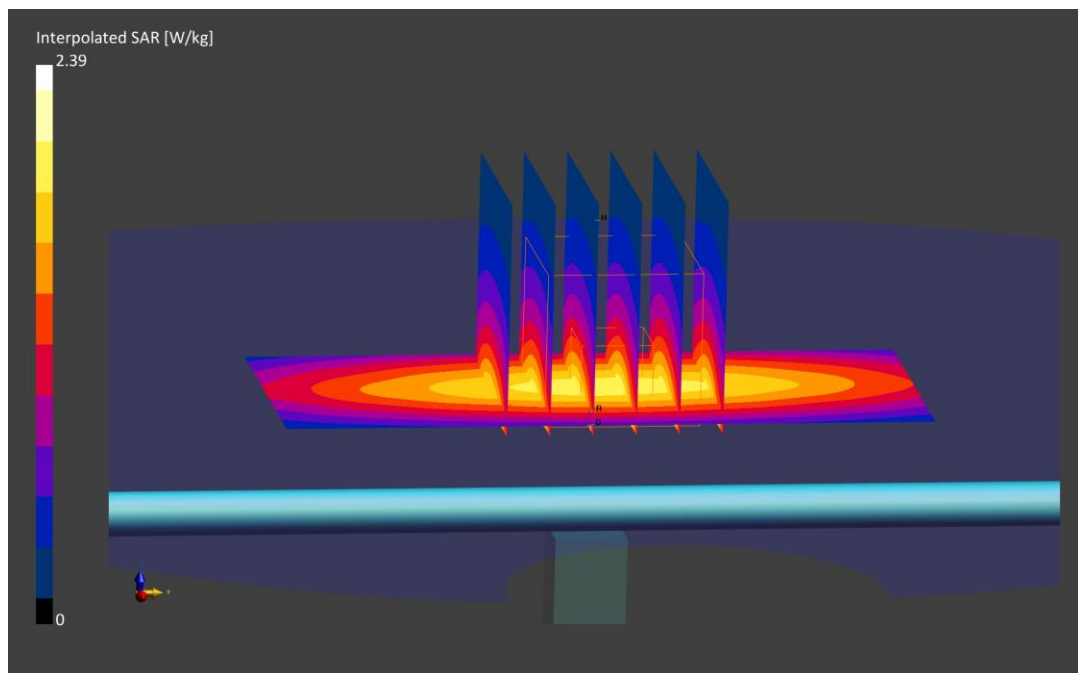
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.39 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 = 0.889 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 07/19/2022; Ambient Temp: 23.8°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7499; ConvF:(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

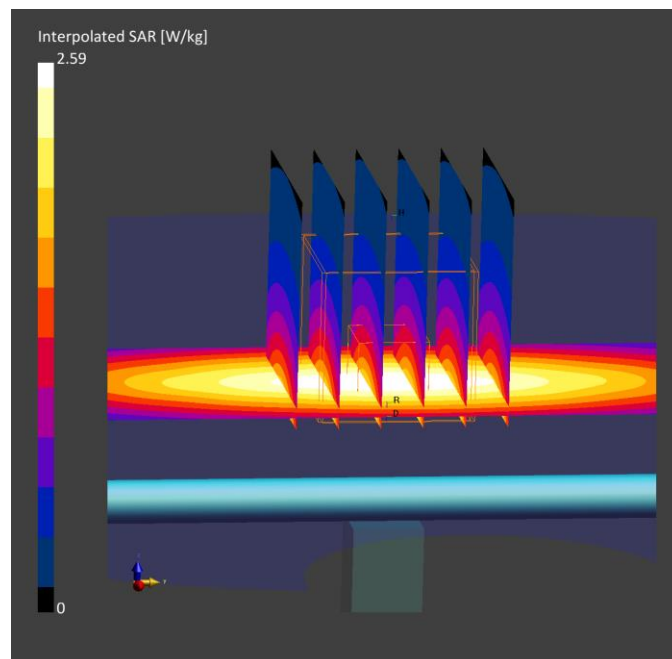
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.59 W/kg

SAR(1 g) = 1.67 W/kg

Deviation (1 g) = -1.88%



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 = 0.901 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/25/2022; Ambient Temp: 21.8°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7499; ConvF:(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

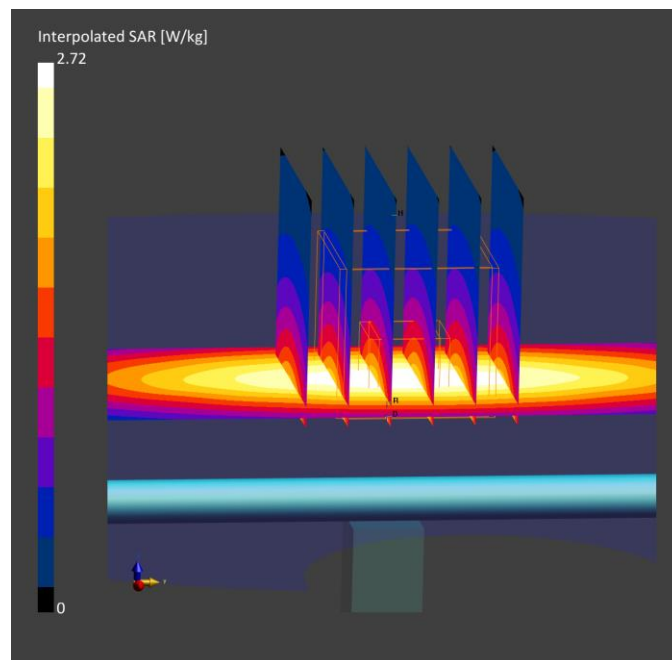
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 1.77 W/kg

Deviation (1 g) = 4.00%



ELEMENT

DUT: Dipole 750 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Head; Medium parameters used:
f = 750.0 MHz; cond = 0.901 S/m; perm = 41.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/02/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7499; ConvF:(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

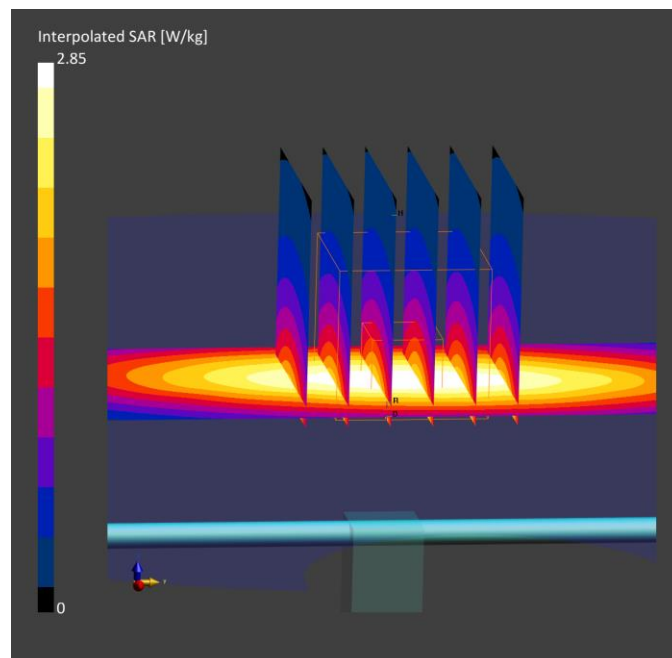
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.55 W/kg

SAR(1 g) = 1.66 W/kg

Deviation (1 g) = -2.47%



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 = 0.890 S/m; perm = 40.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/28/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7674; ConvF:(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

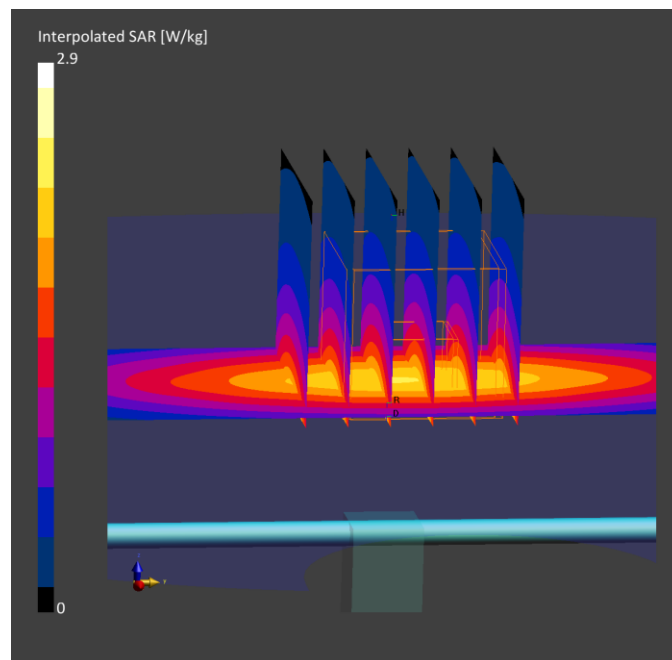
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.90 W/kg

SAR(1 g) = 1.86 W/kg

Deviation (1 g) = -4.12%



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 = 0.875 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/03/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7674; ConvF:(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

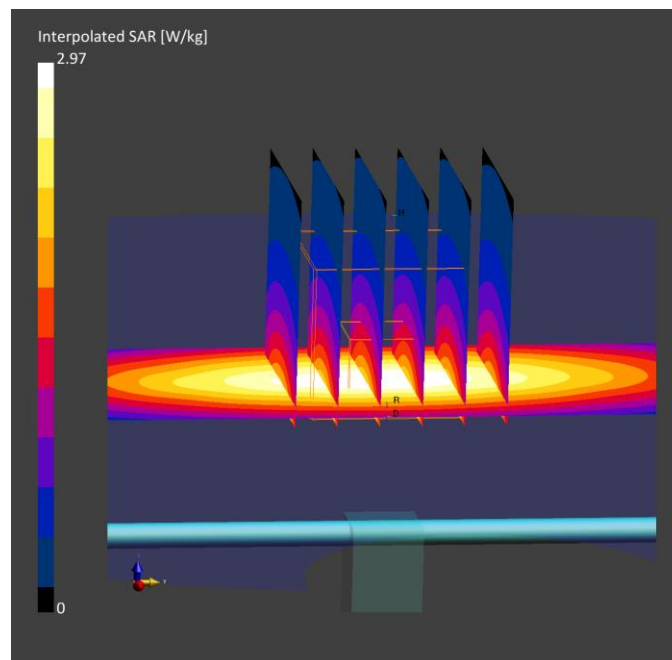
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 1.90 W/kg

Deviation (1 g) = -2.96%



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 = 0.890 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 07/07/2022; Ambient Temp: 20.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7674; ConvF:(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

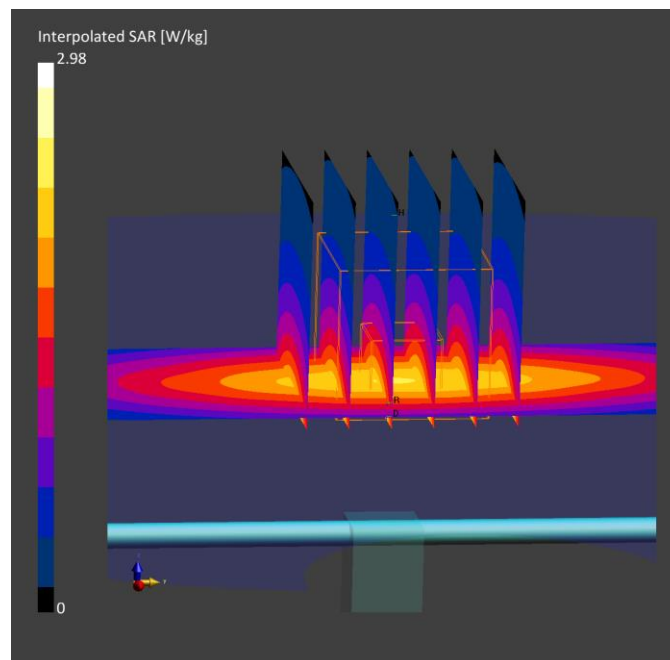
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.98 W/kg

SAR(1 g) = 1.92 W/kg

Deviation (1 g) = -1.94%



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; $\text{cond} = 0.875$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 07/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7674; ConvF:(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

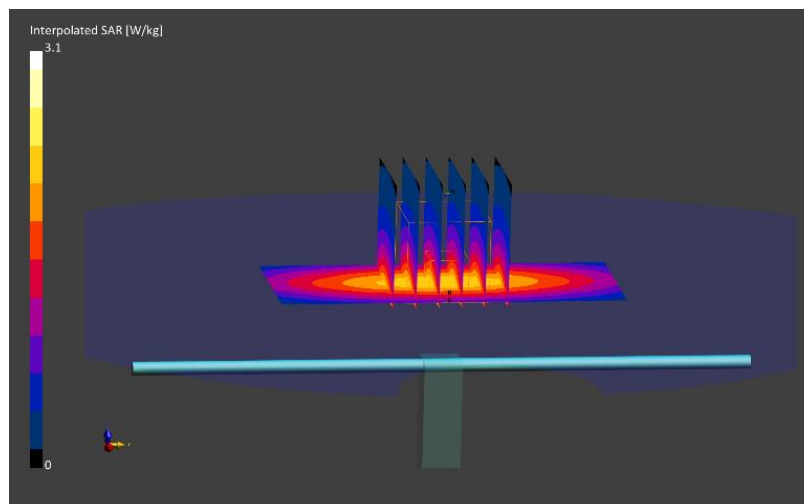
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 2.00 W/kg

Deviation (1 g) = 2.15%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1083

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 = 38.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/28/2022; Ambient Temp: 24.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7360; ConvF:(9.0,9.0,9.0); Calibrated: 2022-03-21

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn534; Calibrated: 2022-03-21

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm

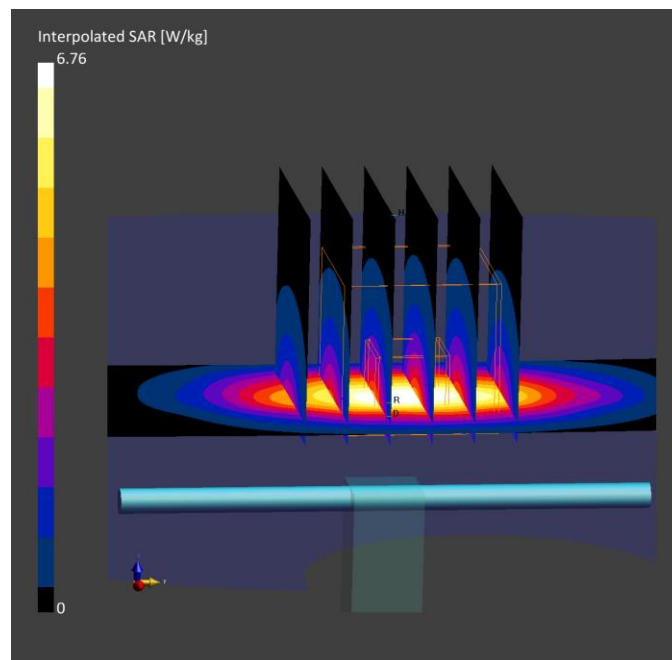
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.76 W/kg

SAR(1 g) = 3.52 W/kg

Deviation (1 g) = -3.56%



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 = 1.33 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/11/2022; Ambient Temp: 22.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7421; ConvF:(7.91,7.91,7.91); Calibrated: 2022-03-22

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

Electronics: DAE4 Sn604; Calibrated: 2022-03-22

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm

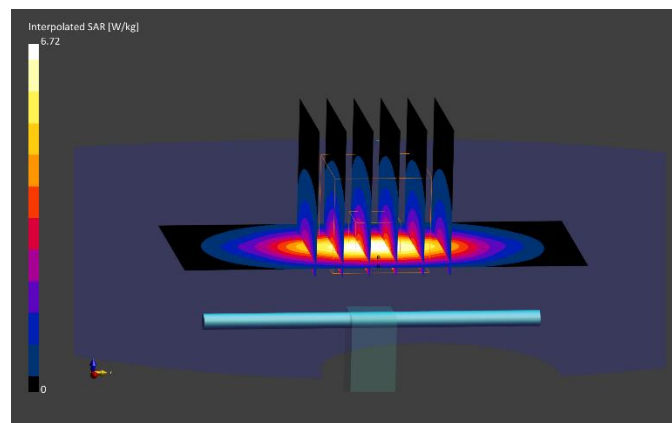
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.72 W/kg

SAR(1 g) = 3.72 W/kg

Deviation (1 g) = 4.20%



ELEMENT

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1083

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

Medium: 1750 Head; Medium parameters used:

$f = 1750.0$ MHz; $\text{cond} = 1.38$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/14/2022; Ambient Temp: 24.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7360; ConvF:(9.0,9.0,9.0); Calibrated: 2022-03-21

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

Electronics: DAE4 Sn534; Calibrated: 2022-03-21

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.0.2.136

1750 MHz System Verification at 20 dBm

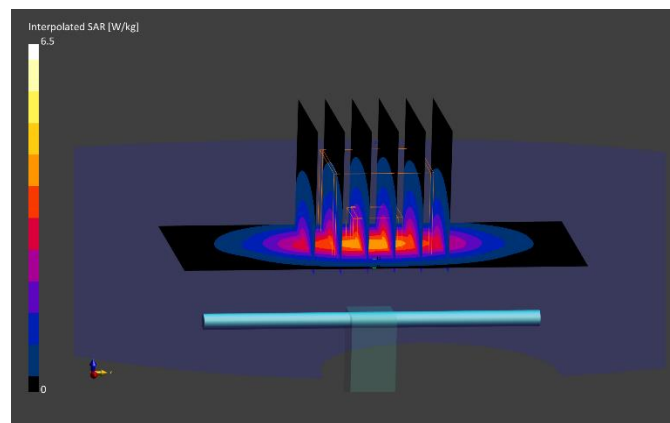
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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) = 6.50 W/kg

SAR(1 g) = 3.45 W/kg

Deviation (1 g) = -5.48%



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; ConvF:(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

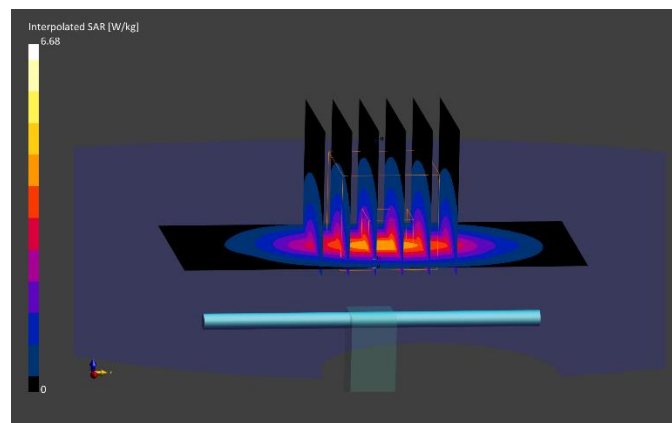
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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 1900.0 MHz; Type: D1900V2 - SN5d180

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

Medium: 1900 Head; Medium parameters used:

f = 1900.0 MHz; cond = 1.41 S/m; perm = 39.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/28/2022; Ambient Temp: 21.4°C; Tissue Temp: 18.8°C

Probe: EX3DV4 - SN7532; ConvF:(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

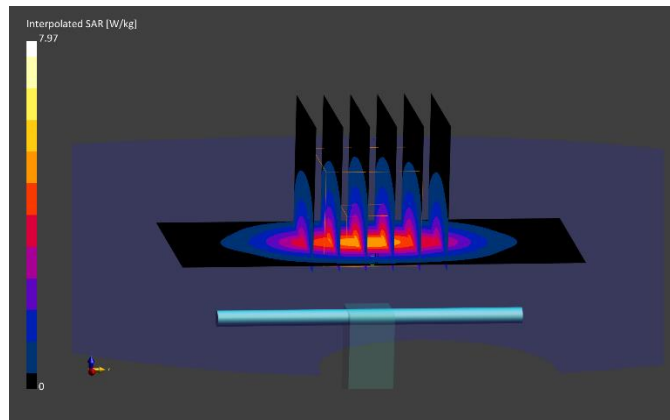
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.97 W/kg

SAR(1 g) = 4.24 W/kg

Deviation (1 g) = 6.53%



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; $\text{cond} = 1.44$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/30/2022; Ambient Temp: 20.3°C; Tissue Temp: 18.5°C

Probe: EX3DV4 - SN7532; ConvF:(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

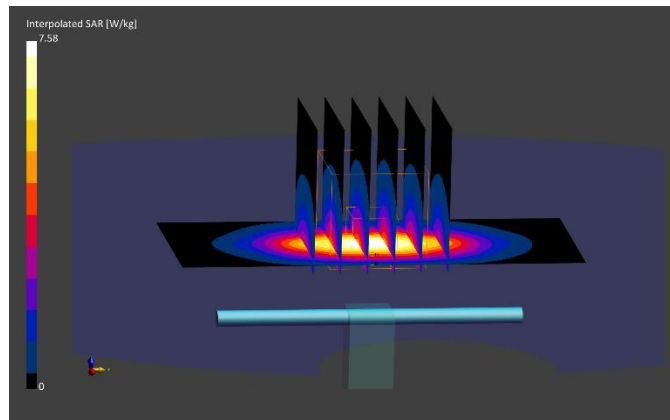
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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

Peak SAR (extrapolated) = 7.58 W/kg

SAR(1 g) = 4.01 W/kg

Deviation (1 g) = 0.00%



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; $\text{cond} = 1.45$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ 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; ConvF:(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

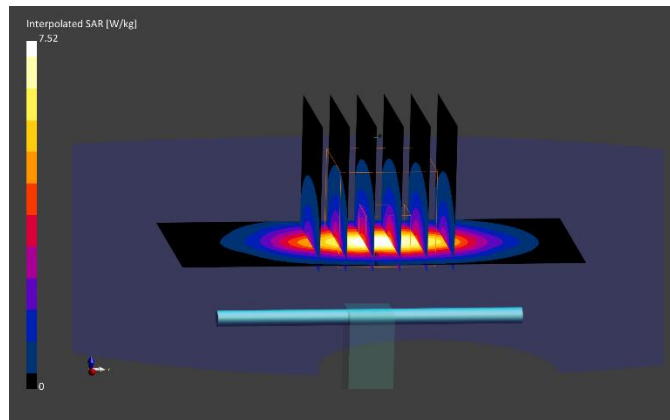
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

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 = 1.75 S/m; perm = 41.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/17/2022; Ambient Temp: 21.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN3837; ConvF:(7.36,7.36,7.36); 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

2300 MHz System Verification at 20 dBm

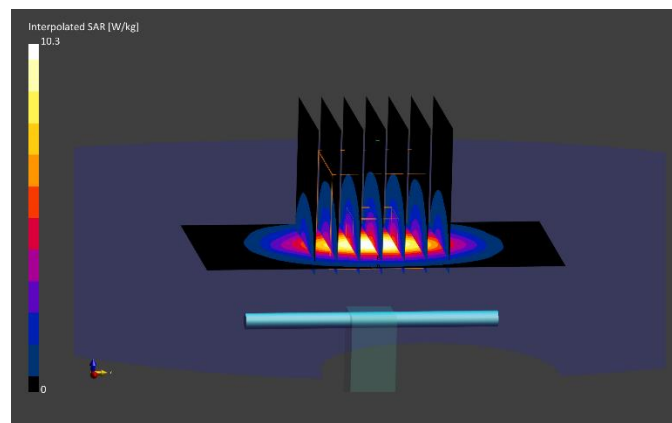
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.3 W/kg

SAR(1 g) = 4.92 W/kg

Deviation (1 g) = 0.61%



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; cond = 1.85 S/m; perm = 38.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/22/2022; Ambient Temp: 23.4°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.28,7.28,7.28); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn1403; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.2.136

2450 MHz System Verification at 20 dBm

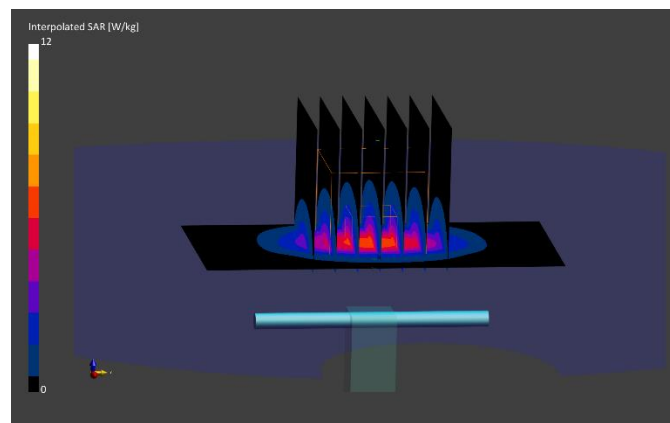
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 12.0 W/kg

SAR(1 g) = 5.38 W/kg

Deviation (1 g) = -0.74%



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 = 39.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/29/2022; Ambient Temp: 23.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7308; ConvF:(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

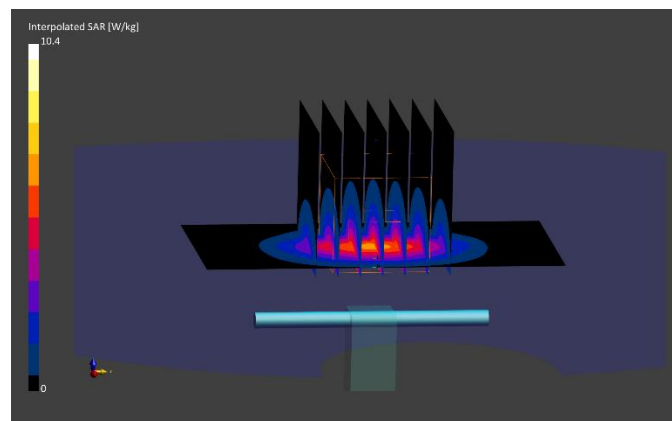
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.4 W/kg

SAR(1 g) = 5.00 W/kg

Deviation (1 g) = -4.4%



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 = 1.87 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/12/2022; Ambient Temp: 22.7°C; Tissue Temp: 22.5°C

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

Sensor-Surface: 1.4mm (All points)

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

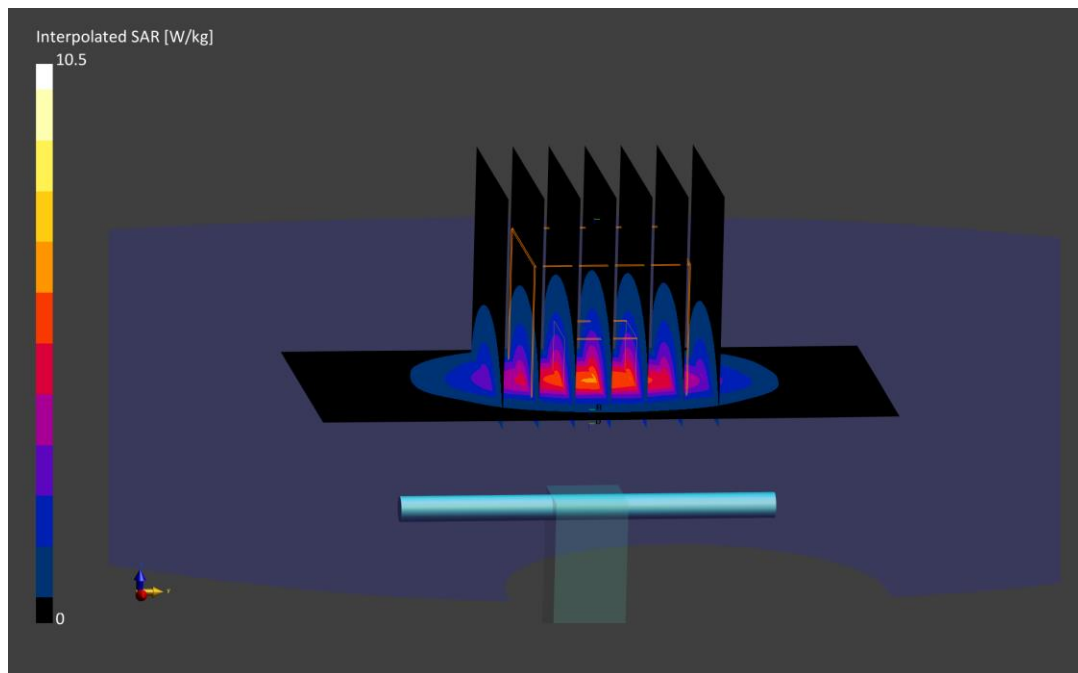
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 4.97 W/kg

Deviation (1 g) = -4.97%



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; cond = 1.80 S/m; perm = 37.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 08/02/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3837; ConvF:(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

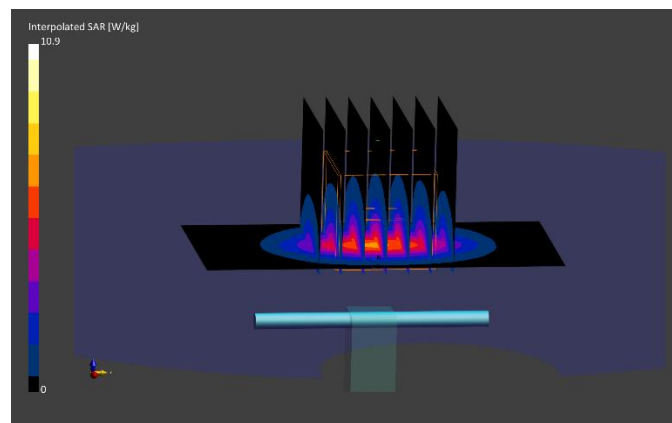
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.15 W/kg

Deviation (1 g) = -4.98%



ELEMENT

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

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

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$ MHz; Cond = 1.85 S/m; Perm = 39.3; Density = 1000 kg/m^3

Phantom Section: Flat; Space: 10 mm

Test Date: 08/29/2022; Ambient Temp: 21.3°C ; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7416; ConvF:(7.34,7.34,7.34); 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

2450 MHz System Verification at 20 dBm

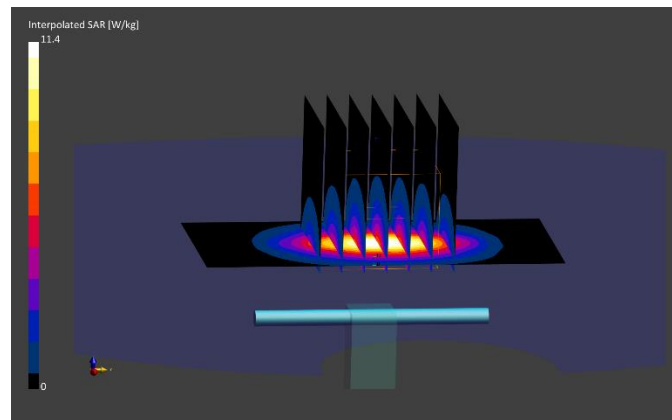
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.4 W/kg

SAR(1 g) = 5.36 W/kg

Deviation (1 g) = 1.90%



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; $\text{cond} = 2.04$ S/m; $\text{perm} = 37.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/12/2022; Ambient Temp: 22.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7420; ConvF:(7.36,7.36,7.36); Calibrated: 2021-10-27

Sensor-Surface: 1.4mm (All points)

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

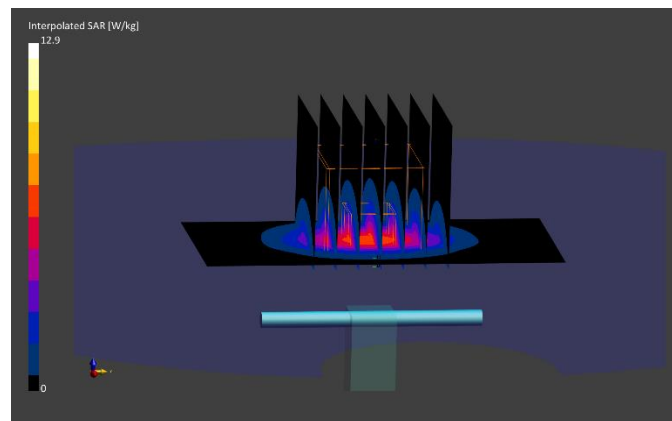
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 5.75 W/kg

Deviation (1 g) = 3.05%



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 = 1.91 S/m; perm = 37.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 08/02/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3837; ConvF:(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

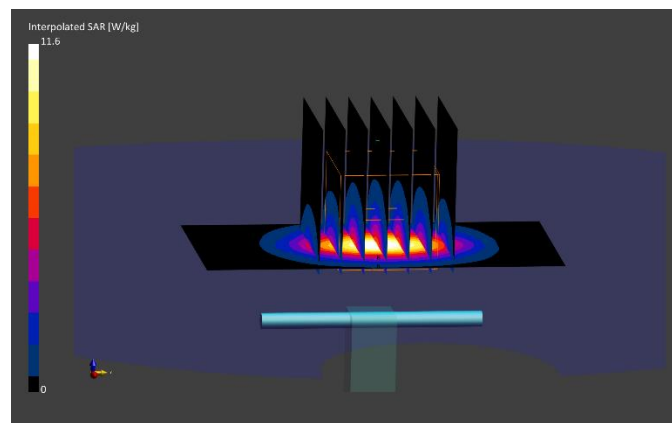
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.47 W/kg

Deviation (1 g) = -1.62%



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 = 1.97 S/m; Perm = 39.0; Density = 1000 kg/m^3
Phantom Section: Flat; Space: 10 mm

Test Date: 08/29/2022; Ambient Temp: 20.4°C ; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7416; ConvF:(7.13,7.13,7.13); 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

2600 MHz System Verification at 20 dBm

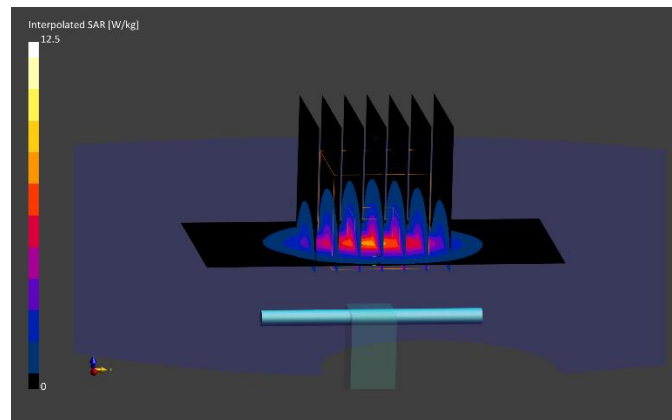
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 12.5 W/kg

SAR(1 g) = 5.82 W/kg

Deviation (1 g) = 4.30%



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 = 2.90 S/m; perm = 36.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7639; ConvF:(7.58,7.58,7.58); Calibrated: 2021-11-16

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

Electronics: DAE4 Sn1646; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.0.2.136

3500 MHz System Verification at 20 dBm

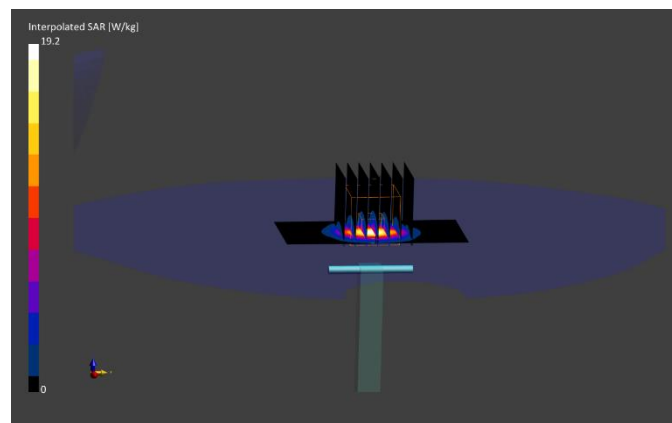
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 19.2 W/kg

SAR(1 g) = 7.15 W/kg

Deviation (1 g) = 5.46%



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 = 2.91 S/m; perm = 36.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2022; Ambient Temp: 20.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7416; ConvF:(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

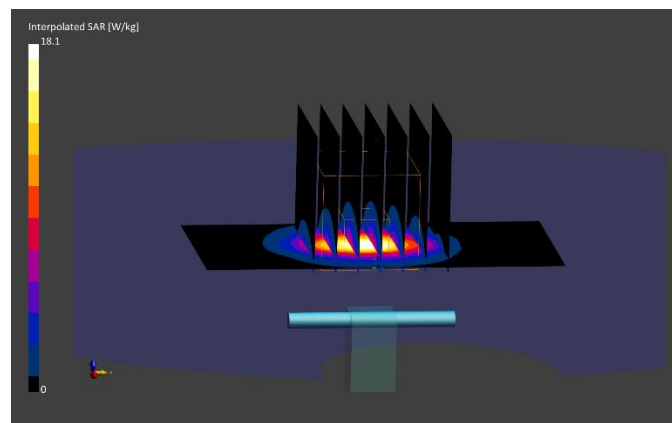
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 6.91 W/kg

Deviation (1 g) = 1.92%



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 = 36.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7639; ConvF:(7.39,7.39,7.39); Calibrated: 2021-11-16

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

Electronics: DAE4 Sn1646; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.0.2.136

3700 MHz System Verification at 20 dBm

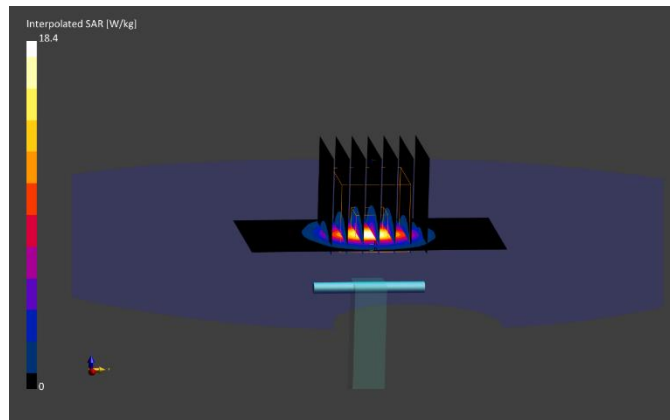
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 18.4 W/kg

SAR(1 g) = 6.62 W/kg

Deviation (1 g) = -3.78%



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 = 3.07 S/m; perm = 36.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2022; Ambient Temp: 20.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7416; ConvF:(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

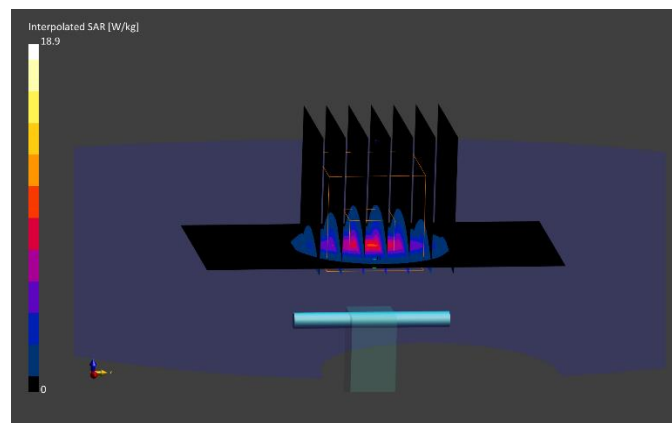
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 6.92 W/kg

Deviation (1 g) = 0.58%



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 = 3.24 S/m; perm = 36.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2022; Ambient Temp: 20.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7416; ConvF:(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

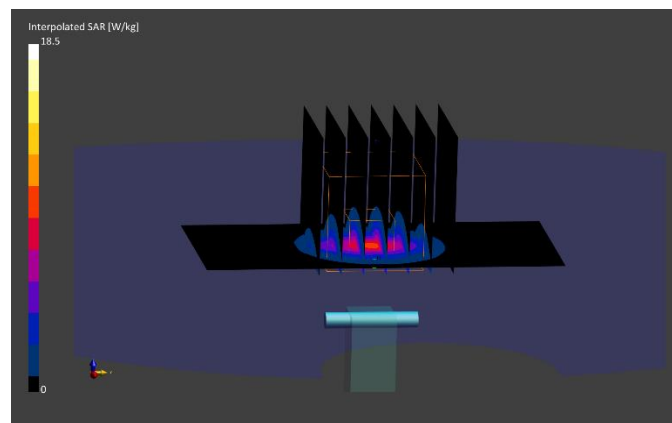
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 6.84 W/kg

Deviation (1 g) = -0.29%



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 = 4.58 S/m; perm = 35.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/10/2022; Ambient Temp: 22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF:(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

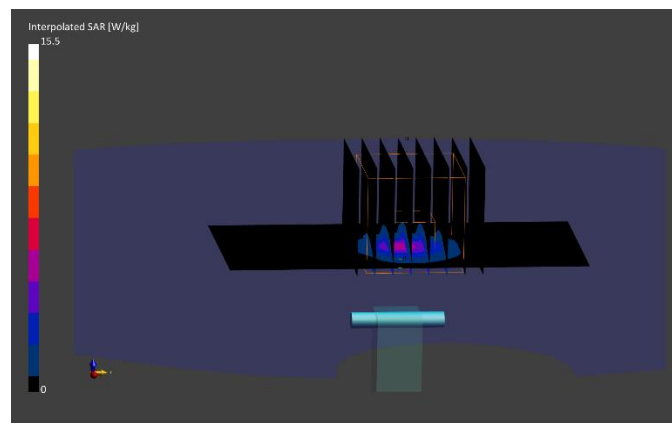
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 4.13 W/kg

Deviation (1 g) = 2.61 %



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 = 35.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/31/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7638; ConvF:(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

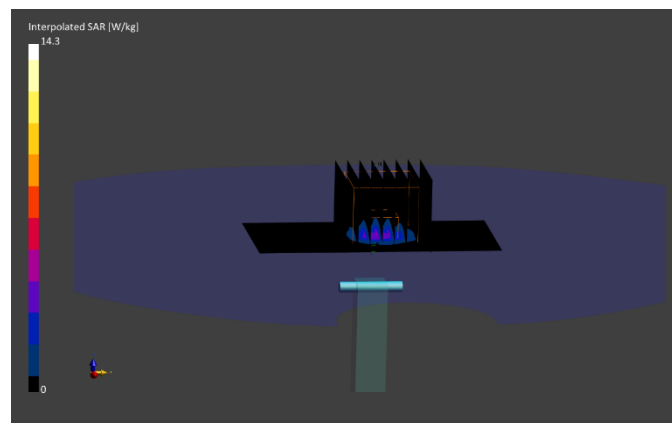
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 14.3 W/kg

SAR(1 g) = 3.73 W/kg

Deviation (1 g) = -7.33%



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 = 35.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/10/2022; Ambient Temp: 22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF:(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

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) = 17.1 W/kg

SAR(1 g) = 4.14 W/kg

Deviation (1 g) = -1.08%



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 = 4.98 S/m; perm = 35.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/31/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7638; ConvF:(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

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

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

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 3.95 W/kg

Deviation (1 g) = -5.62%



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 = 5.15 S/m; perm = 34.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/10/2022; Ambient Temp: 22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF:(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

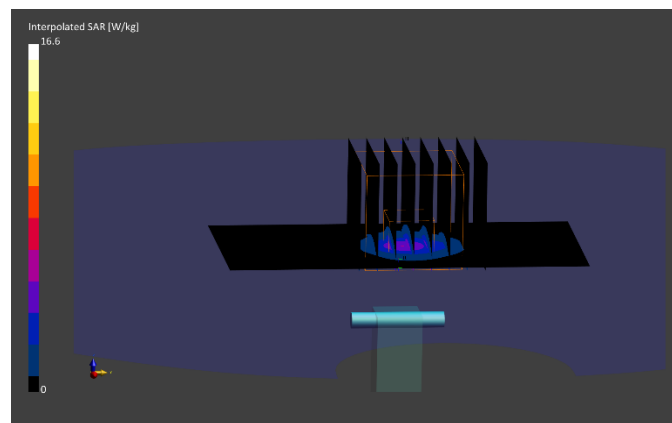
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 16.6 W/kg

SAR(1 g) = 3.97 W/kg

Deviation (1 g) = -1.37%



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 = 5.15 S/m; perm = 35.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/31/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7638; ConvF:(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

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) = 16.1 W/kg

SAR(1 g) = 3.78 W/kg

Deviation (1 g) = -6.09%

