

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

ELEMENT

DUT: Dipole 13.000 MHz; Type: CLA-13 - SN1004

Communication System: UID: 0, CW; Frequency: 13.000 MHz
Medium: 30 Head; Medium parameters used:
f = 13.000 MHz; cond = 0.717 S/m; perm = 53.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 10/02/2024; Ambient Temp: 21.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7308; ConvF:(16.59,16.59,16.59); 2024-02-09
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn534; 2024-03-06
Phantom: ELI V6.0; Serial: 2003
Measurement SW: DASY Module SAR V16.4.0.5005

13.0 MHz System Verification at 30.0 dBm (1000 mW)

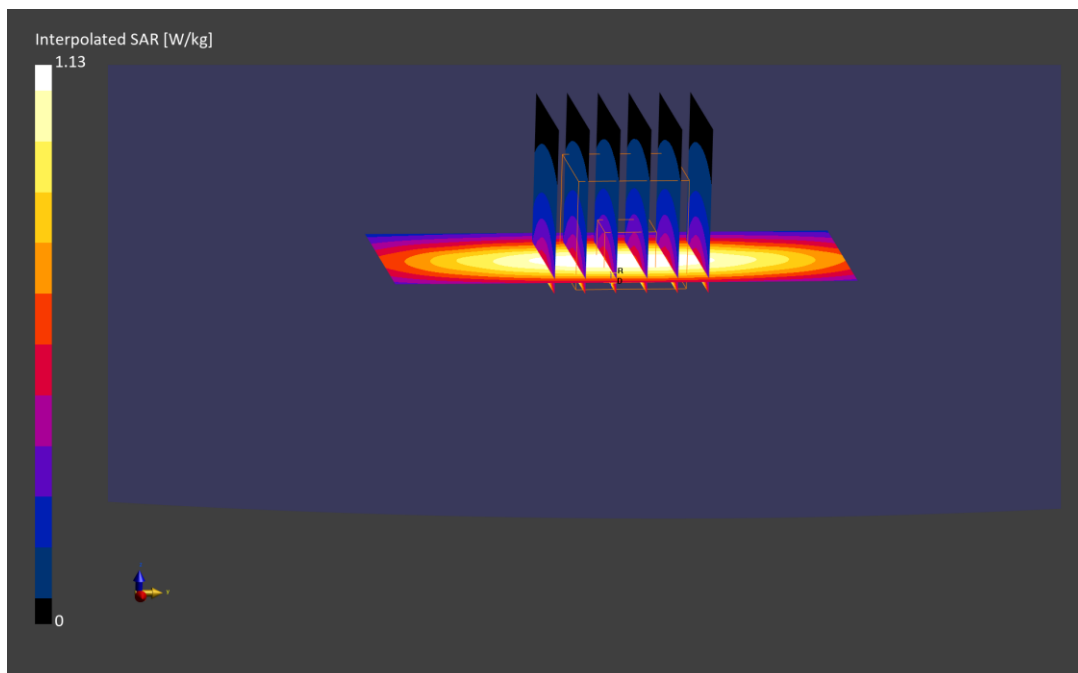
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.334 W/kg

Deviation (1 g) = -6.23%; Deviation (10 g) = -6.18%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.903 S/m; perm = 41.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/02/2024; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7357; ConvF:(9.44,8.27,10.55); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.4.2524

750.0 MHz System Verification at 23.0 dBm (200 mW)

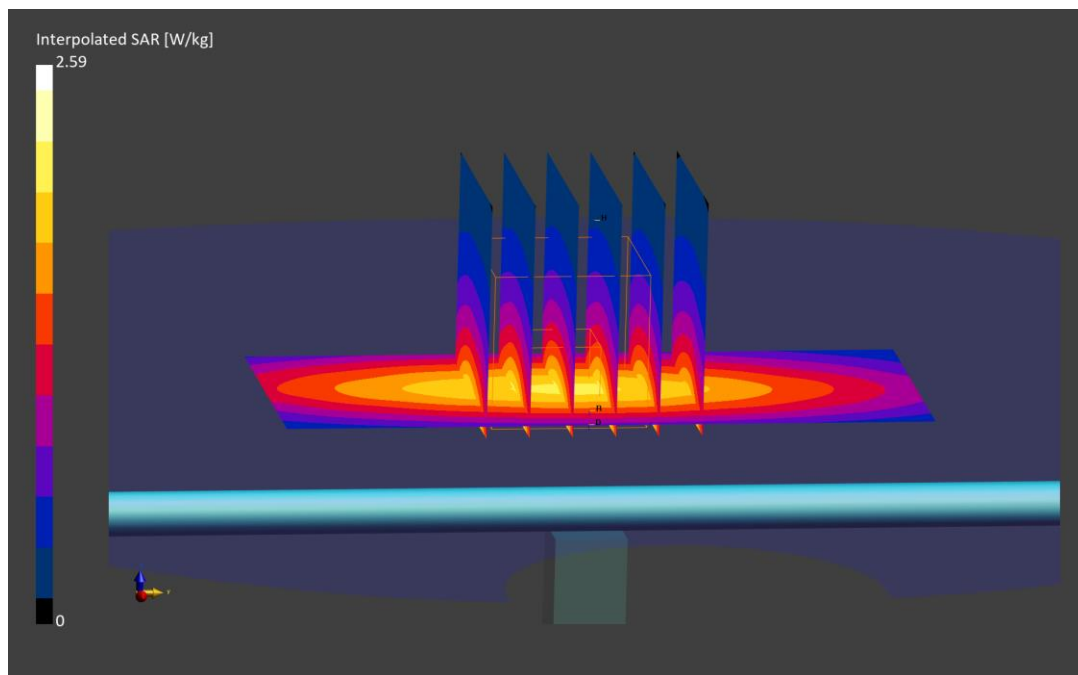
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.59 W/kg

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

Deviation (1 g) = 3.41%; Deviation (10 g) = 4.84%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.906 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/04/2024; Ambient Temp: 23.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7357; ConvF:(9.44,8.27,10.55); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.4.2524

750.0 MHz System Verification at 23.0 dBm (200 mW)

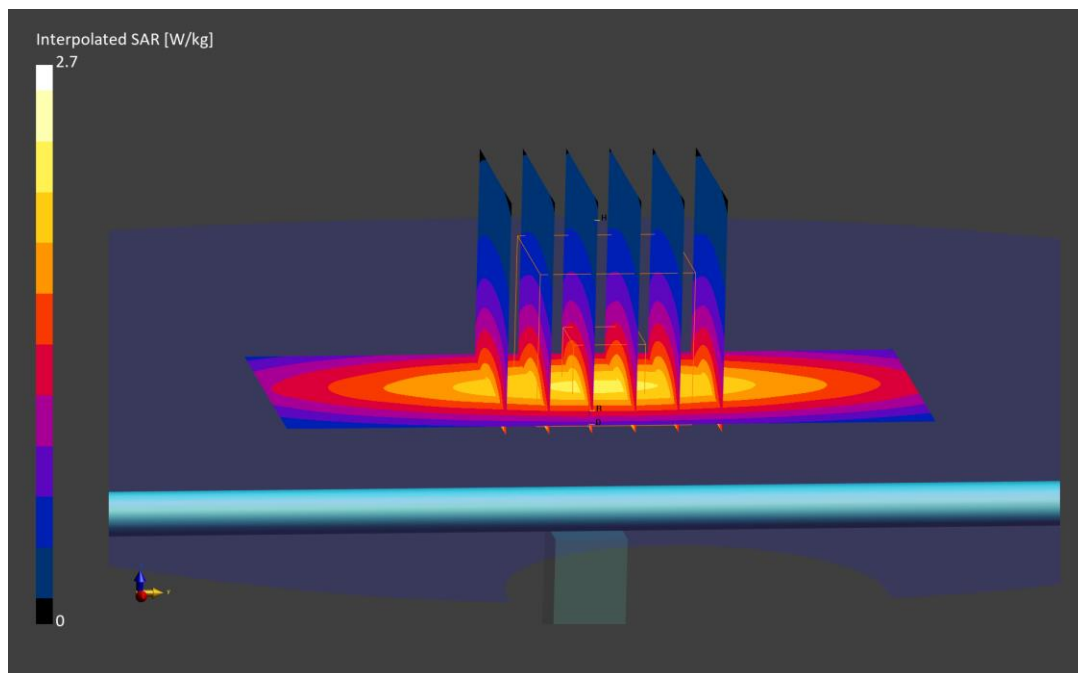
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.70 W/kg

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

Deviation (1 g) = 6.35%; Deviation (10 g) = 6.63%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.912 S/m; perm = 41.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/05/2024; Ambient Temp: 25.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

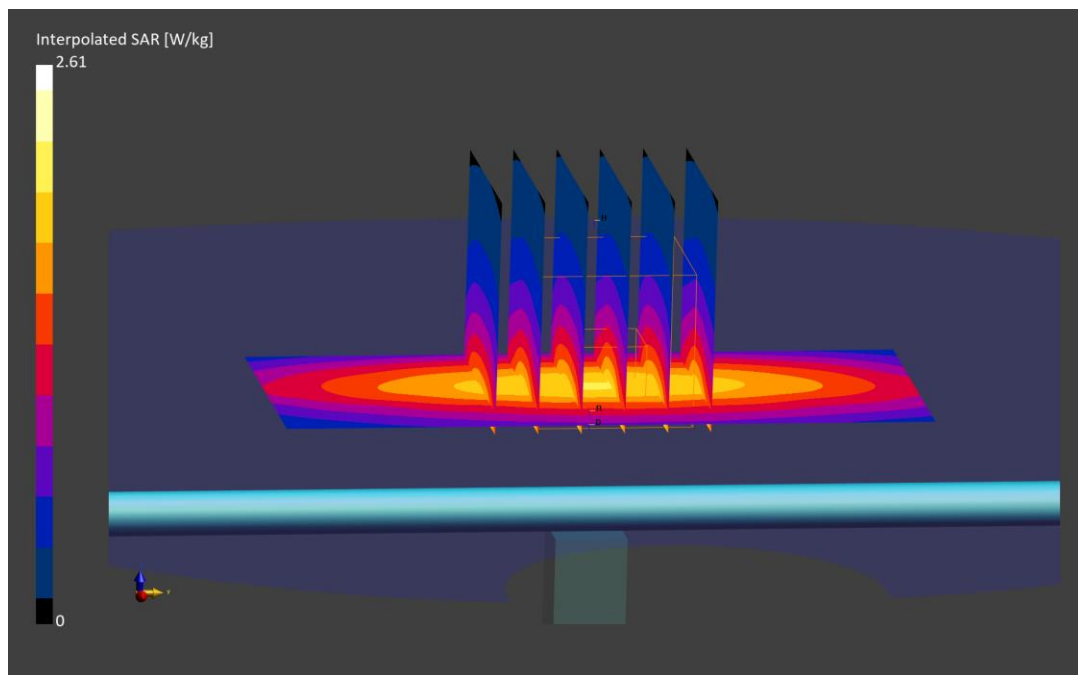
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 1.72 W/kg; SAR(10 g) = 1.13 W/kg

Deviation (1 g) = 1.90%; Deviation (10 g) = 2.54%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.892 S/m; perm = 40.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/06/2024; Ambient Temp: 23.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7357; ConvF:(9.44,8.27,10.55); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.4.2524

750.0 MHz System Verification at 23.0 dBm (200 mW)

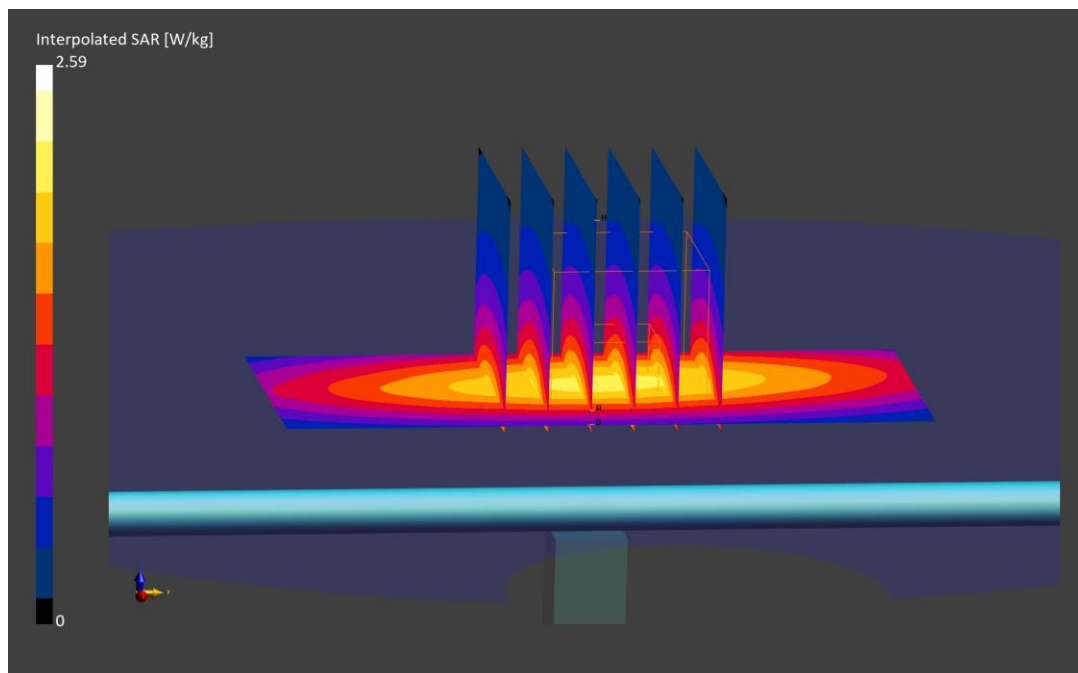
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.59 W/kg

SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.18 W/kg

Deviation (1 g) = 5.17%; Deviation (10 g) = 5.73%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.900 S/m; perm = 42.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/08/2024; Ambient Temp: 23.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

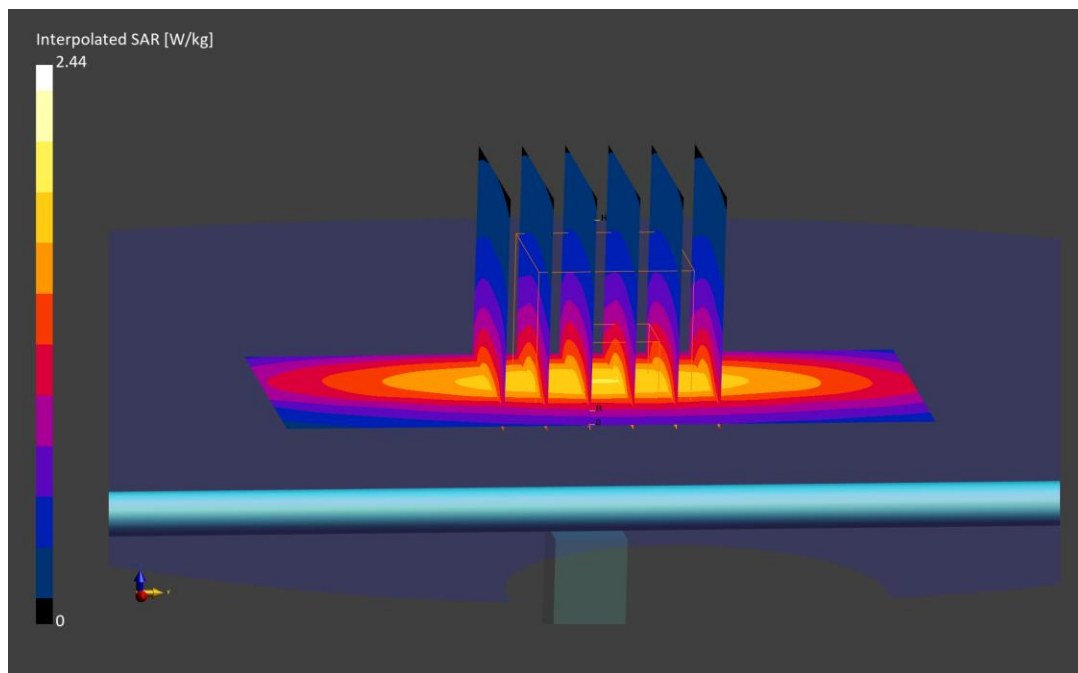
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.44 W/kg

SAR(1 g) = 1.60 W/kg; SAR(10 g) = 1.05 W/kg

Deviation (1 g) = -5.21%; Deviation (10 g) = -4.72%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1057

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.894 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/12/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.44,8.27,10.55); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.4.2524

750.0 MHz System Verification at 23.0 dBm (200 mW)

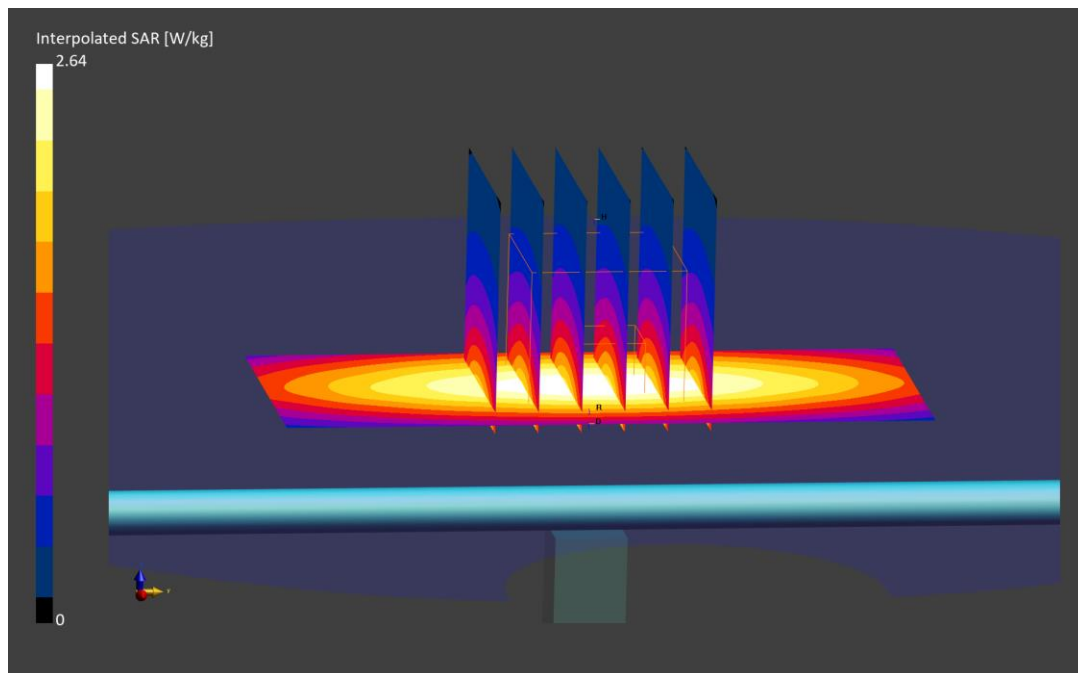
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.64 W/kg

SAR(1 g) = 1.80 W/kg; SAR(10 g) = 1.19 W/kg

Deviation (1 g) = 5.76%; Deviation (10 g) = 6.63%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.886 S/m; perm = 41.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/20/2024; Ambient Temp: 22.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.44,8.27,10.55); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

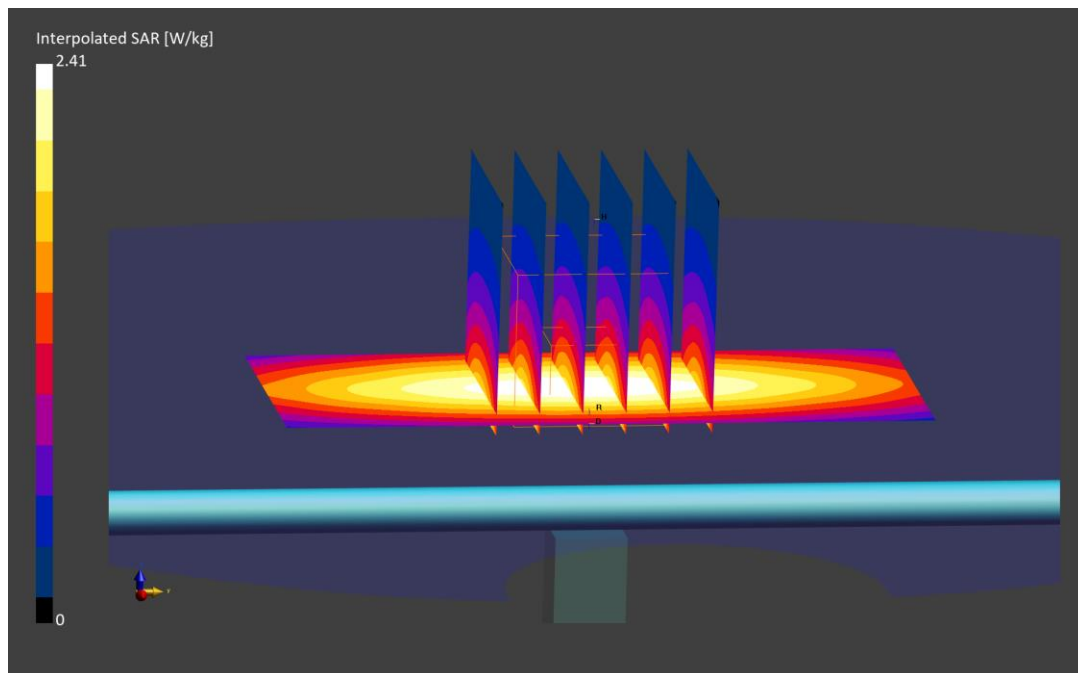
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.41 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.11 W/kg

Deviation (1 g) = 0.36%; Deviation (10 g) = 3.16%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.896 S/m; perm = 41.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 10/02/2024; Ambient Temp: 23.5°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

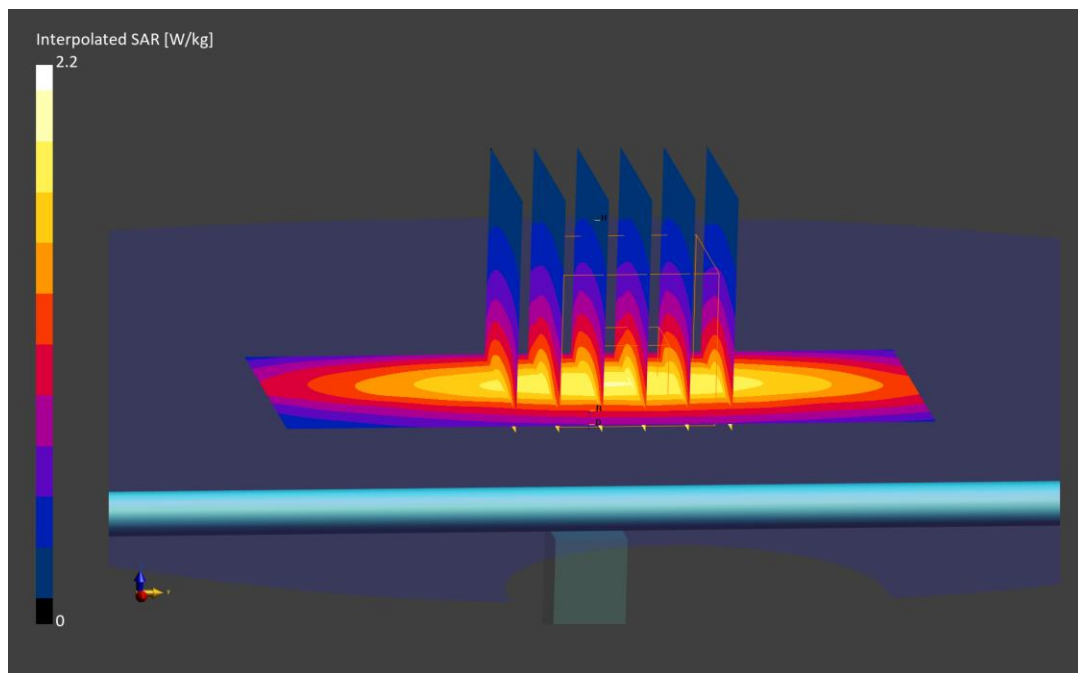
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.58 W/kg

SAR(1 g) = 1.64 W/kg; SAR(10 g) = 1.07 W/kg

Deviation (1 g) = -3.76%; Deviation (10 g) = -4.46%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.879 S/m; perm = 40.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 10/24/2024; Ambient Temp: 19.8°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7660; ConvF:(9.68,9.47,10.34); 2024-05-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

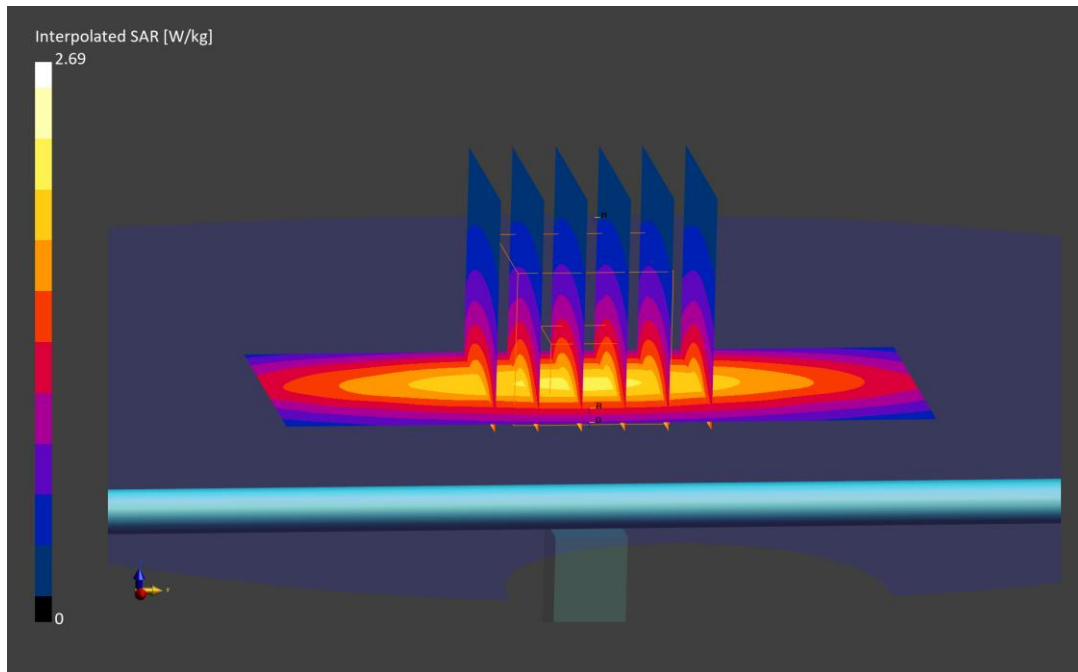
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 1.81 W/kg; SAR(10 g) = 1.21 W/kg

Deviation (1 g) = 6.22%; Deviation (10 g) = 8.04%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.945 S/m; perm = 41.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/05/2024; Ambient Temp: 25.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

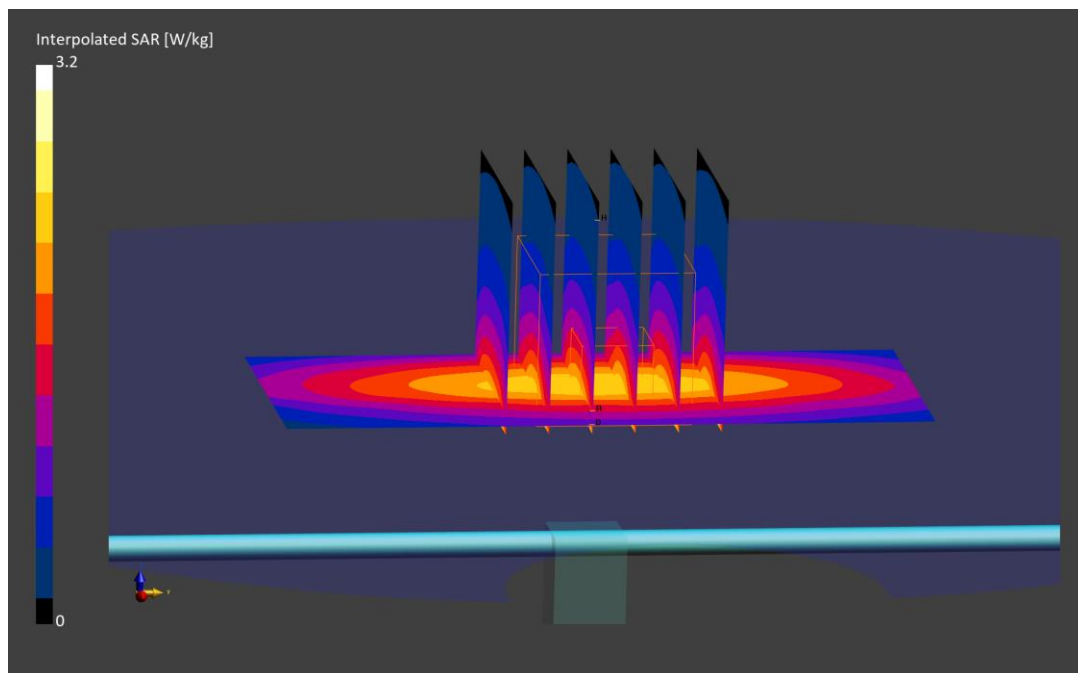
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.20 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.32 W/kg

Deviation (1 g) = 2.11%; Deviation (10 g) = 1.69%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d040

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.923 S/m; perm = 40.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/06/2024; Ambient Temp: 23.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7357; ConvF:(9.2,8.3,10.17); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.4.2524

835.0 MHz System Verification at 23.0 dBm (200 mW)

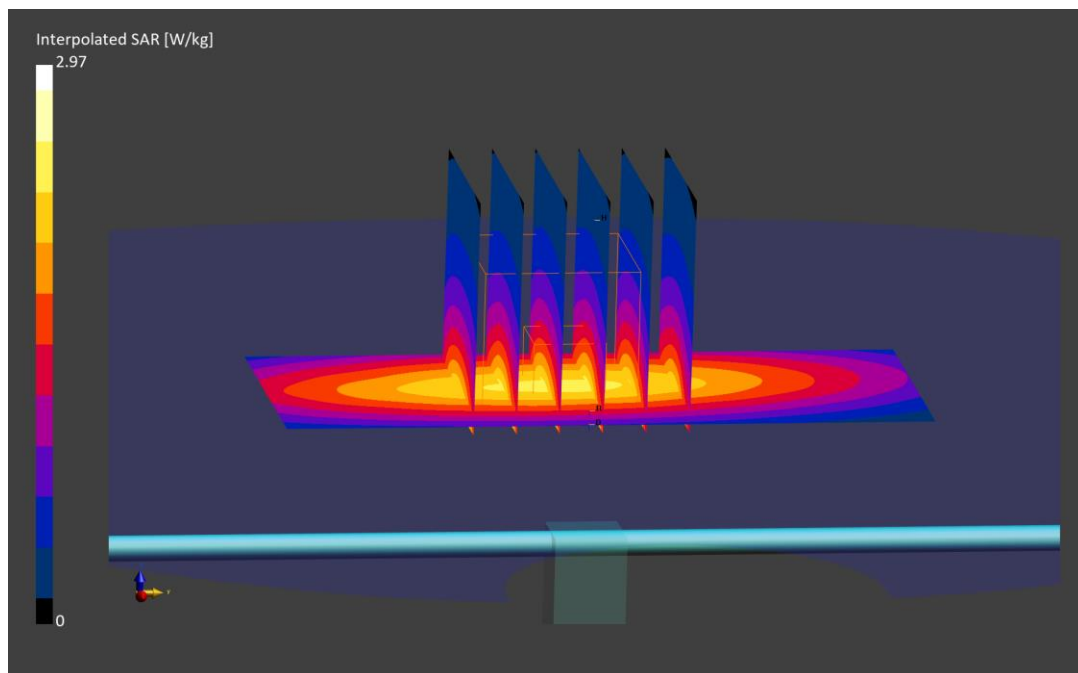
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.97 W/kg

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

Deviation (1 g) = 3.17%; Deviation (10 g) = 4.23%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.932 S/m; perm = 42.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/08/2024; Ambient Temp: 23.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); 2024-07-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; 2024-07-08
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

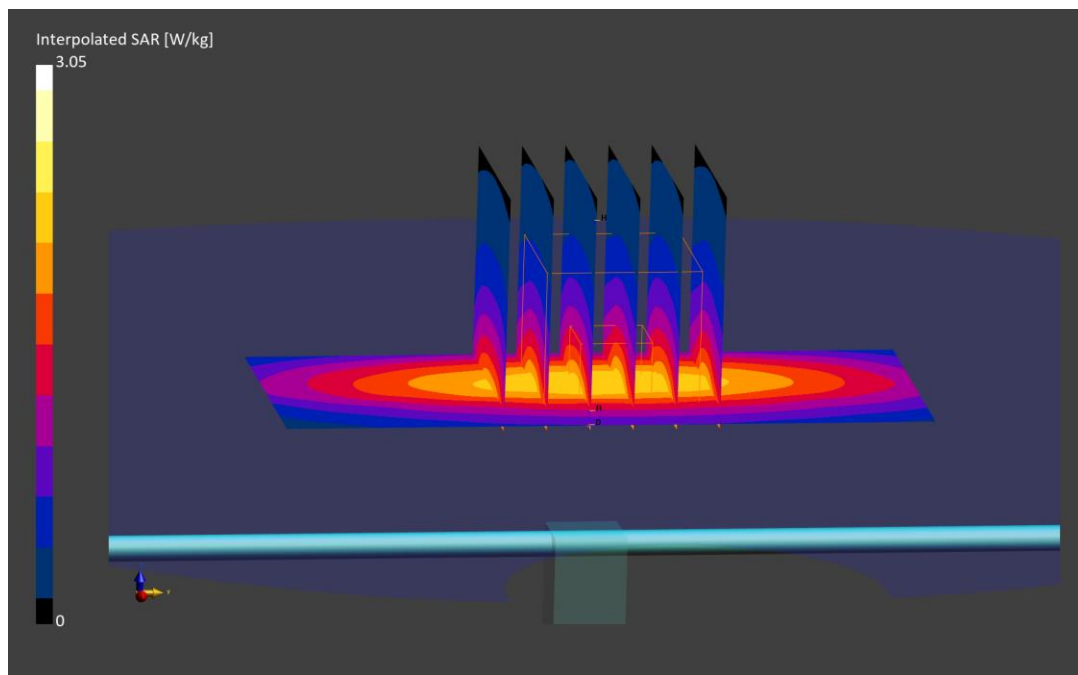
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.05 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.28 W/kg

Deviation (1 g) = 0.10%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d040

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.923 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/09/2024; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.2,8.3,10.17); 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.4.2524

835.0 MHz System Verification at 23.0 dBm (200 mW)

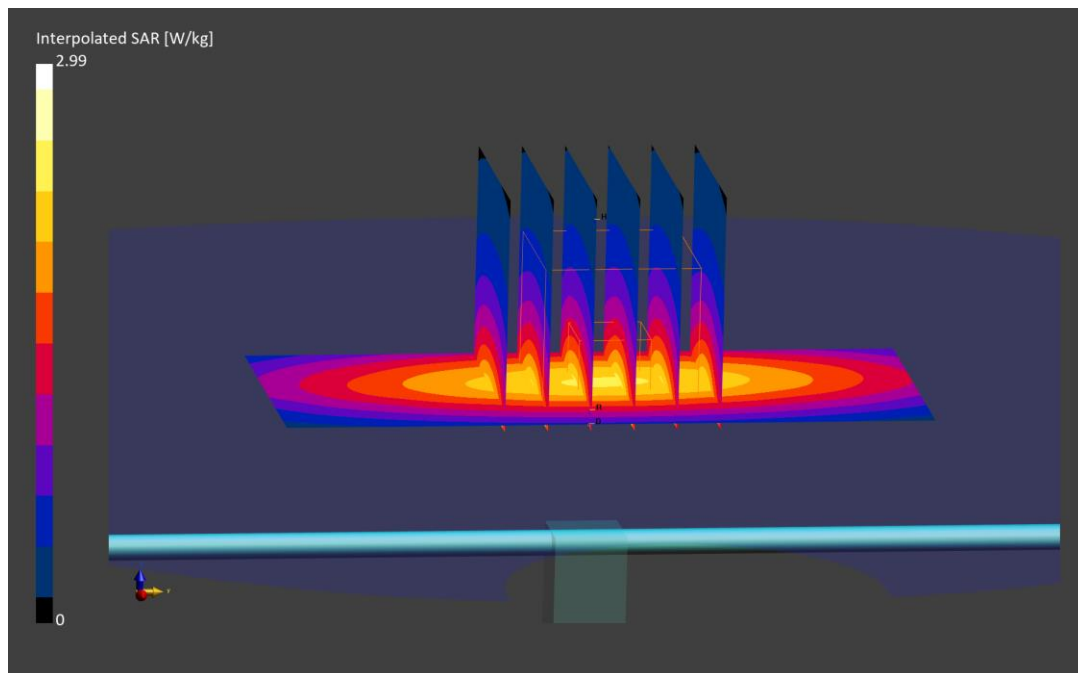
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.99 W/kg

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

Deviation (1 g) = 3.68%; Deviation (10 g) = 4.23%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.934 S/m; perm = 41.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/10/2024; Ambient Temp: 23.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7491; ConvF:(9.05,9.09,9.1); 2024-09-02
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1532; 2024-08-08
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

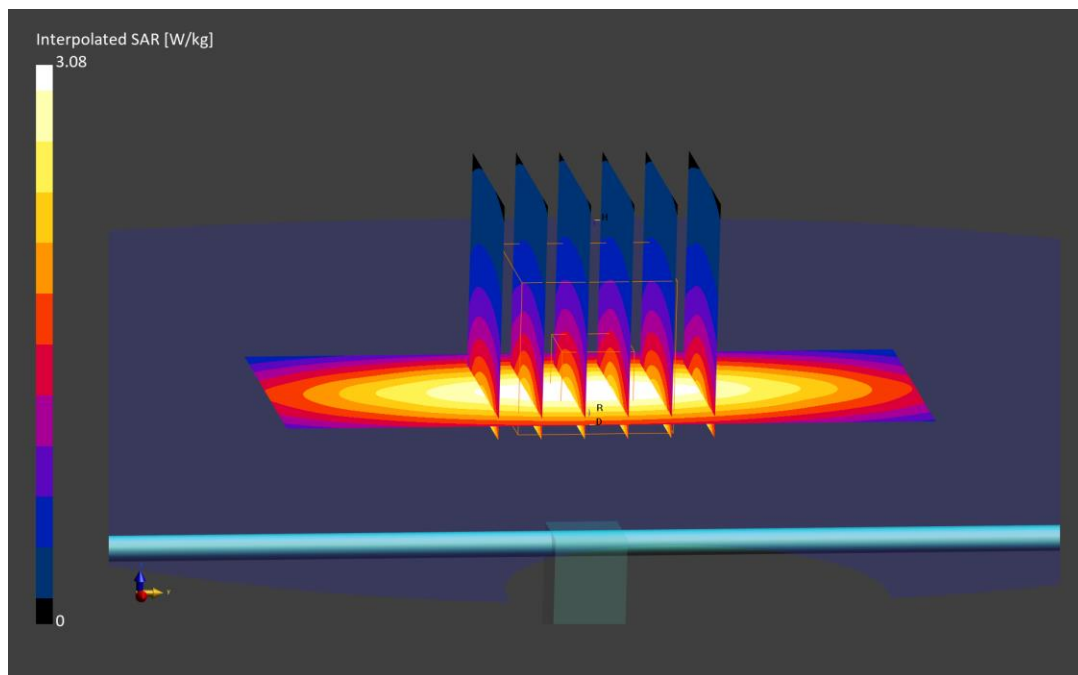
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.08 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.35 W/kg

Deviation (1 g) = 3.41%; Deviation (10 g) = 4.17%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.912 S/m; perm = 40.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/12/2024; Ambient Temp: 19.4°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7491; ConvF:(9.05,9.09,9.1); 2024-09-02
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1532; 2024-08-08
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

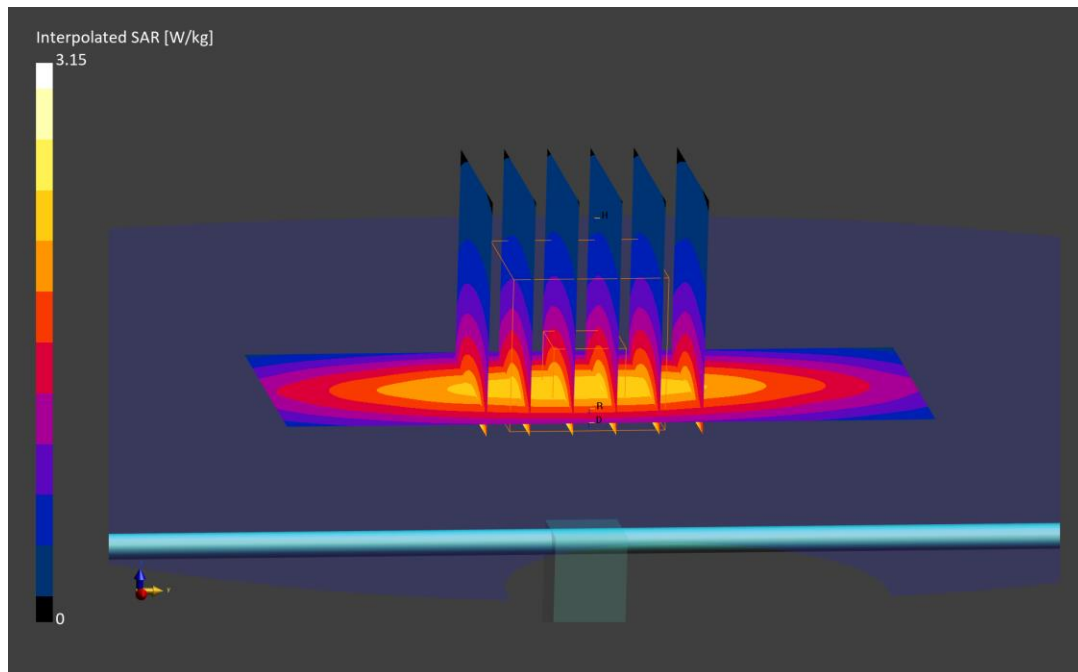
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 3.15 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.37 W/kg

Deviation (1 g) = 4.42%; Deviation (10 g) = 5.71%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.917 S/m; perm = 42.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/13/2024; Ambient Temp: 22.6°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7565; ConvF:(9.82,8.06,8.05); 2024-01-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

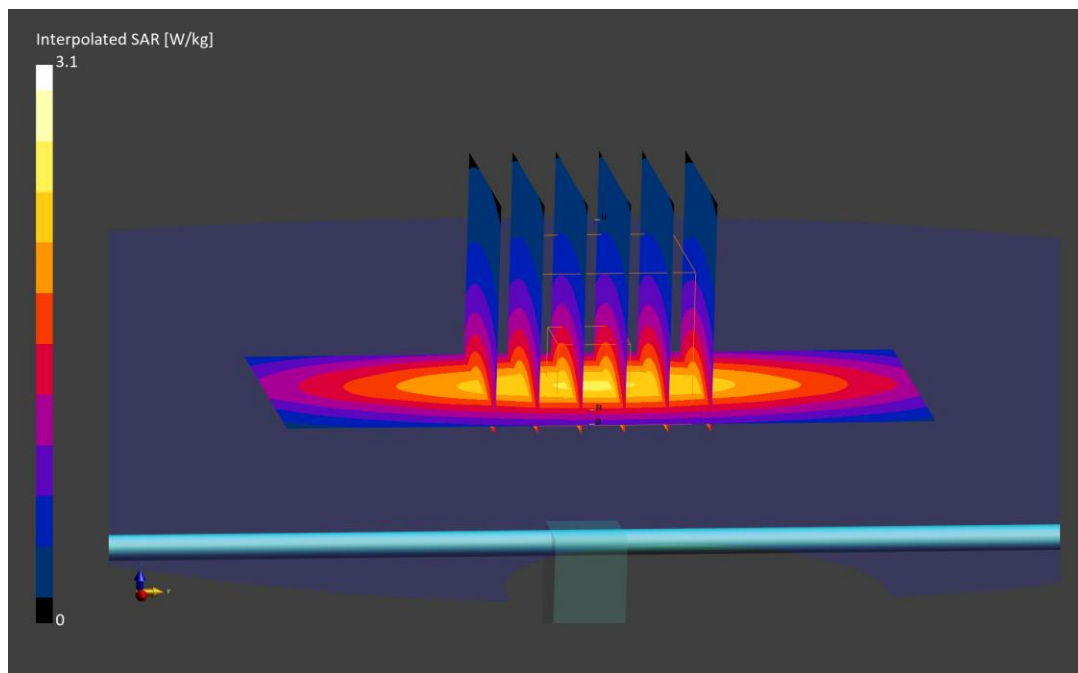
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.33 W/kg

Deviation (1 g) = 2.41%; Deviation (10 g) = 2.62%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.917 S/m; perm = 43.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 09/19/2024; Ambient Temp: 22.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7491; ConvF:(9.05,9.09,9.1); 2024-09-02
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1532; 2024-08-08
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

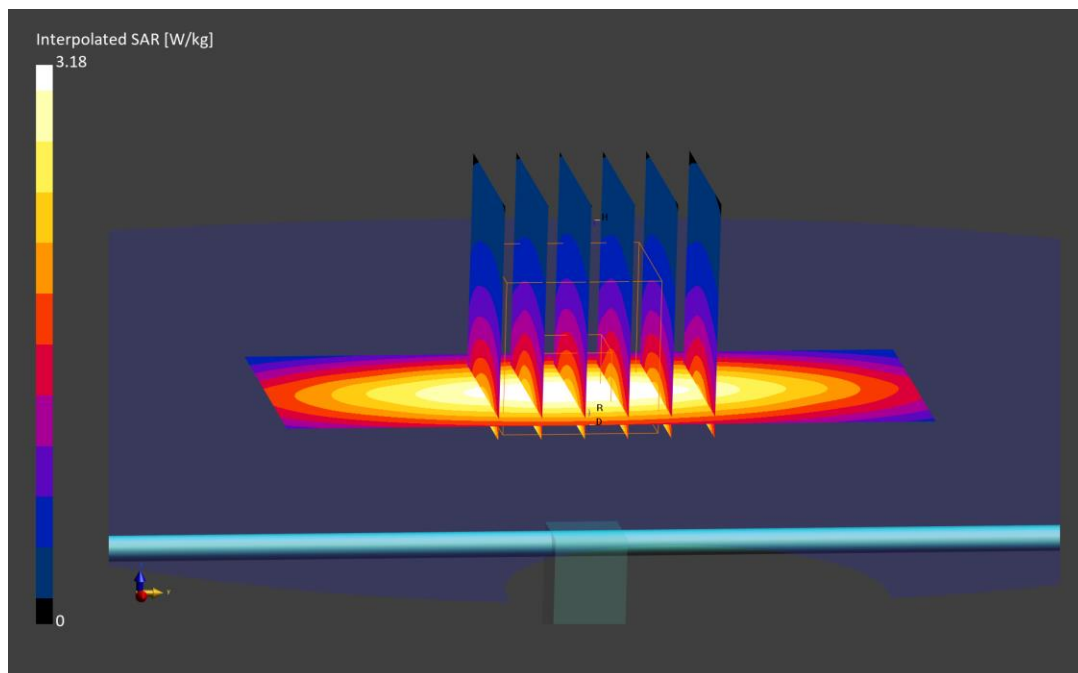
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 2.10 W/kg; SAR(10 g) = 1.39 W/kg

Deviation (1 g) = 5.42%; Deviation (10 g) = 7.25%



ELEMENT

DUT: Dipole 1640.000 MHz; Type: D1640V2 - SN321

Communication System: UID: 0, CW; Frequency: 1640.000 MHz
Medium: 1640 Head; Medium parameters used:
f = 1640.000 MHz; cond = 1.24 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/14/2024; Ambient Temp: 23.3°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.62,8.24,7.75); 2024-01-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

1640.0 MHz System Verification at 20.0 dBm (100 mW)

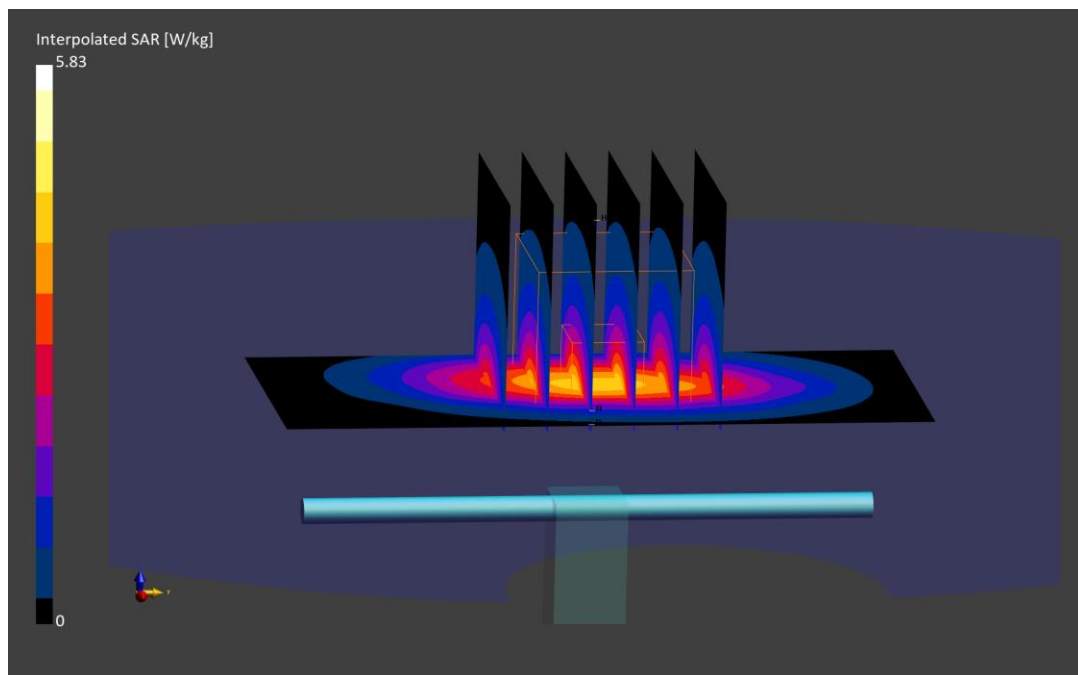
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 5.83 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 1.91 W/kg

Deviation (1 g) = 0.87%; Deviation (10 g) = 3.24%



ELEMENT

DUT: Dipole 1640.000 MHz; Type: D1640V2 - SN321

Communication System: UID: 0, CW; Frequency: 1640.000 MHz
Medium: 1640 Head; Medium parameters used:
f = 1640.000 MHz; cond = 1.24 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/23/2024; Ambient Temp: 23.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7570; ConvF:(7.62,8.24,7.75); 2024-01-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

1640.0 MHz System Verification at 20.0 dBm (100 mW)

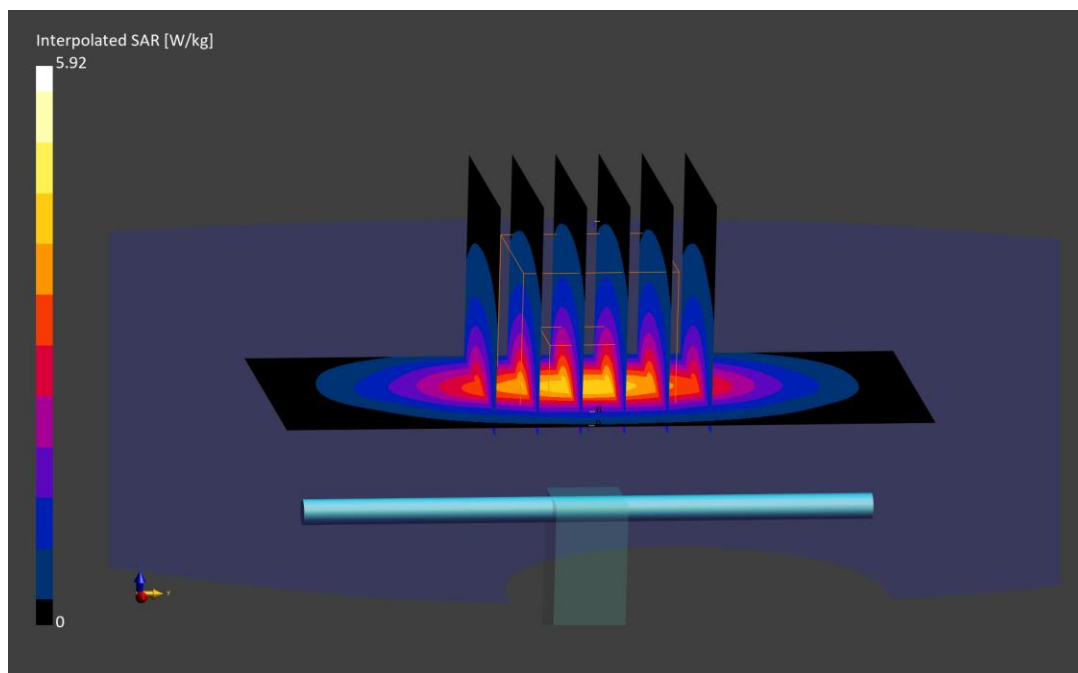
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 5.92 W/kg

SAR(1 g) = 3.54 W/kg; SAR(10 g) = 1.95 W/kg

Deviation (1 g) = 2.61%; Deviation (10 g) = 5.41%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.35 S/m; perm = 41.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 22.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7659; ConvF:(9.1,9.1,9.1); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2024-04-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.4.2524

1750.0 MHz System Verification at 20.0 dBm (100 mW)

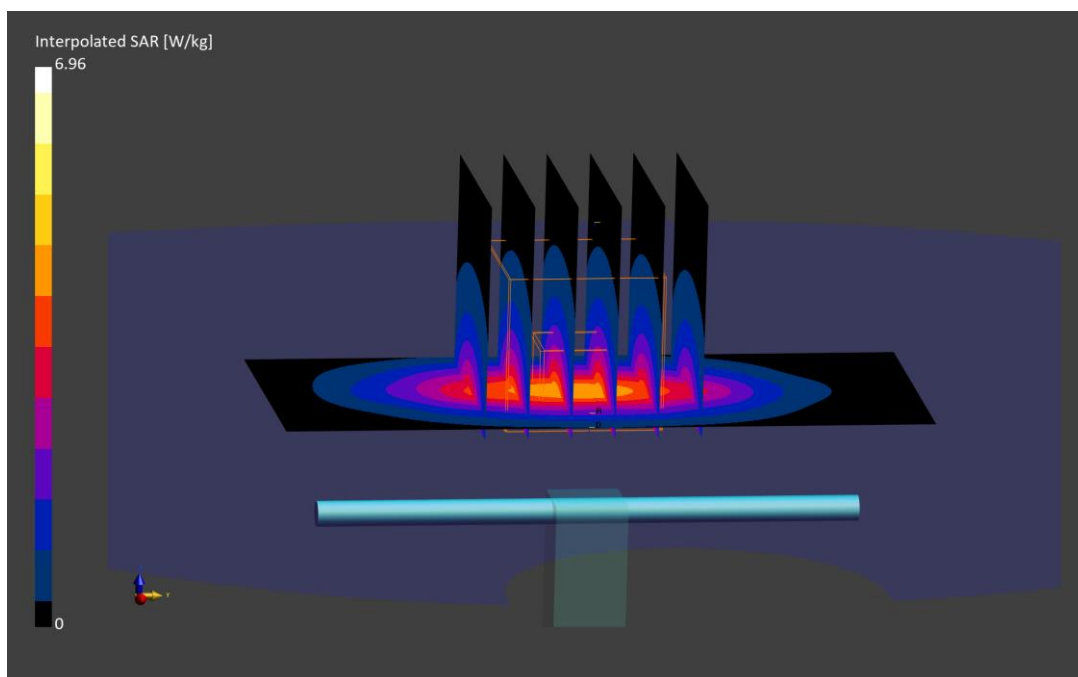
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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

Peak SAR (extrapolated) = 6.96 W/kg

SAR(1 g) = 3.70 W/kg; SAR(10 g) = 1.98 W/kg

Deviation (1 g) = 0.27%; Deviation (10 g) = 2.06%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 40.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 21.7°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3914; ConvF:(8.12,7.51,7.51); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.4.2524

1750.0 MHz System Verification at 20.0 dBm (100 mW)

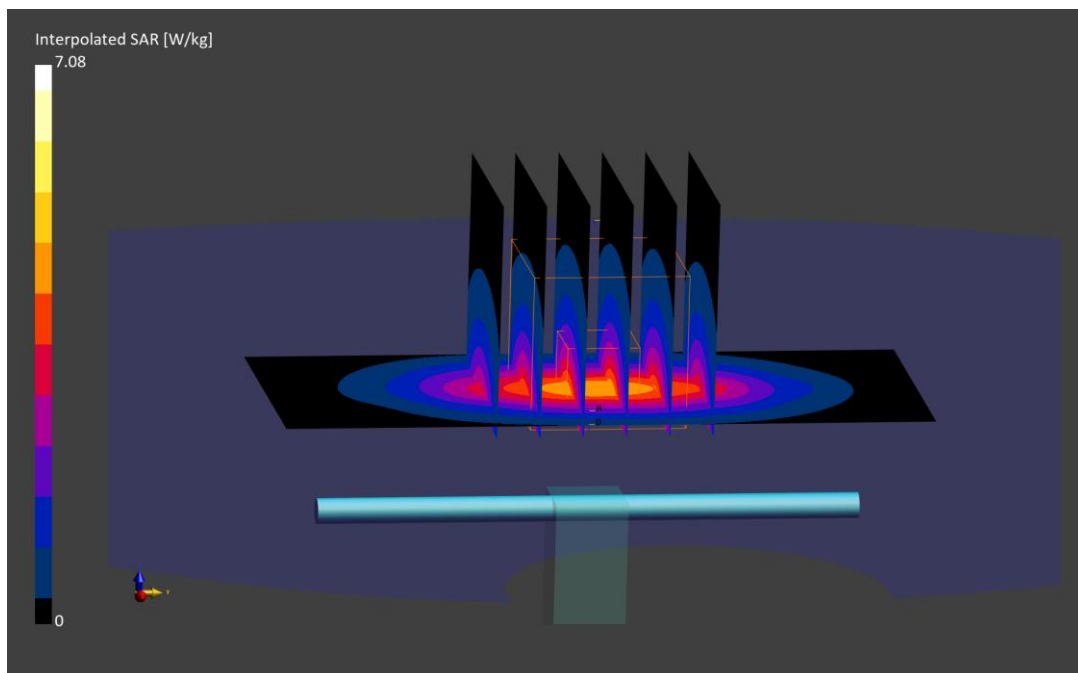
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.08 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 2.03 W/kg

Deviation (1 g) = 1.88%; Deviation (10 g) = 4.64%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 39.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/05/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3914; ConvF:(8.12,7.51,7.51); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

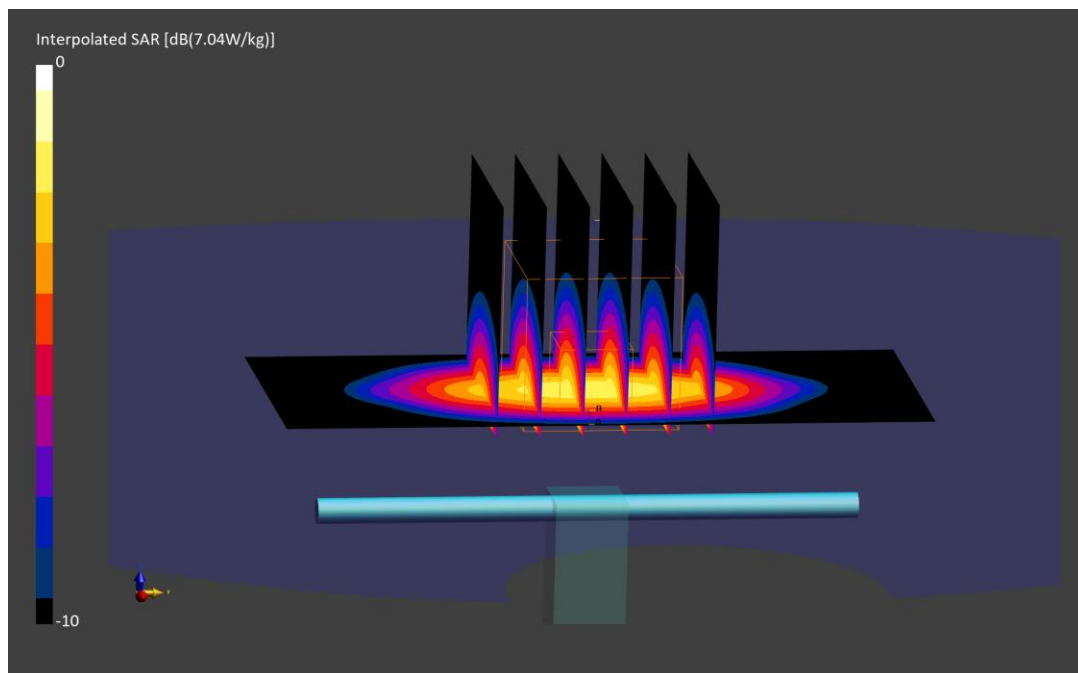
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.04 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 2.03 W/kg

Deviation (1 g) = 2.44%; Deviation (10 g) = 4.64%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.36 S/m; perm = 38.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/18/2024; Ambient Temp: 24.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7409; ConvF:(8.09,7.68,8.14); 2024-06-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2024-06-11
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

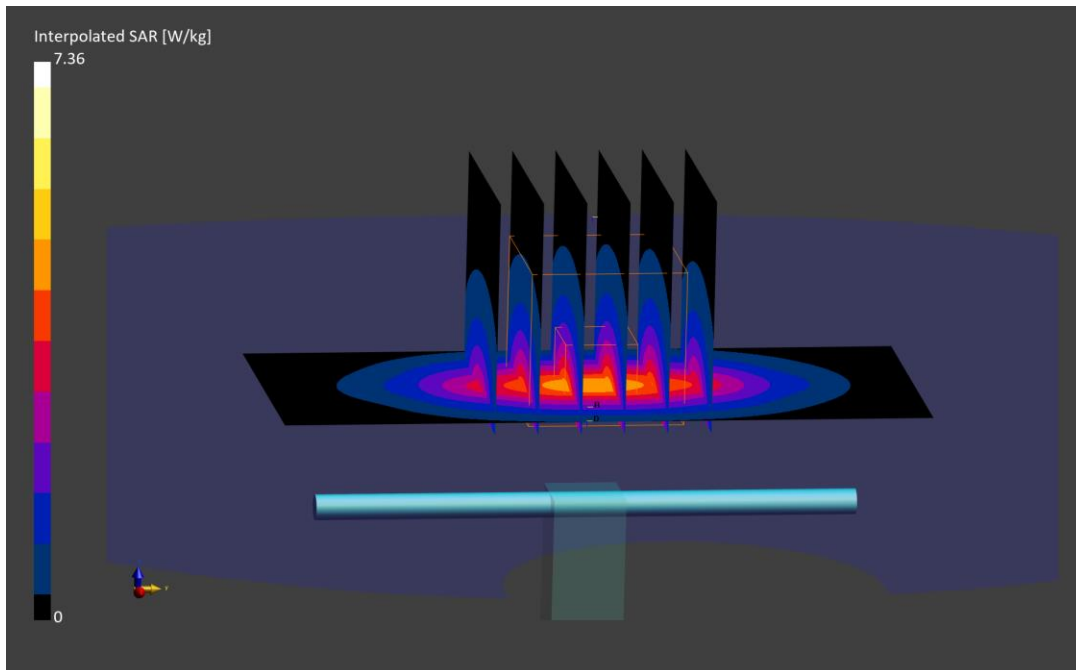
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.36 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.05 W/kg

Deviation (1 g) = 4.03%; Deviation (10 g) = 5.67%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1051

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.35 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/19/2024; Ambient Temp: 23.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(8.65,7.49,7.3); 2024-01-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

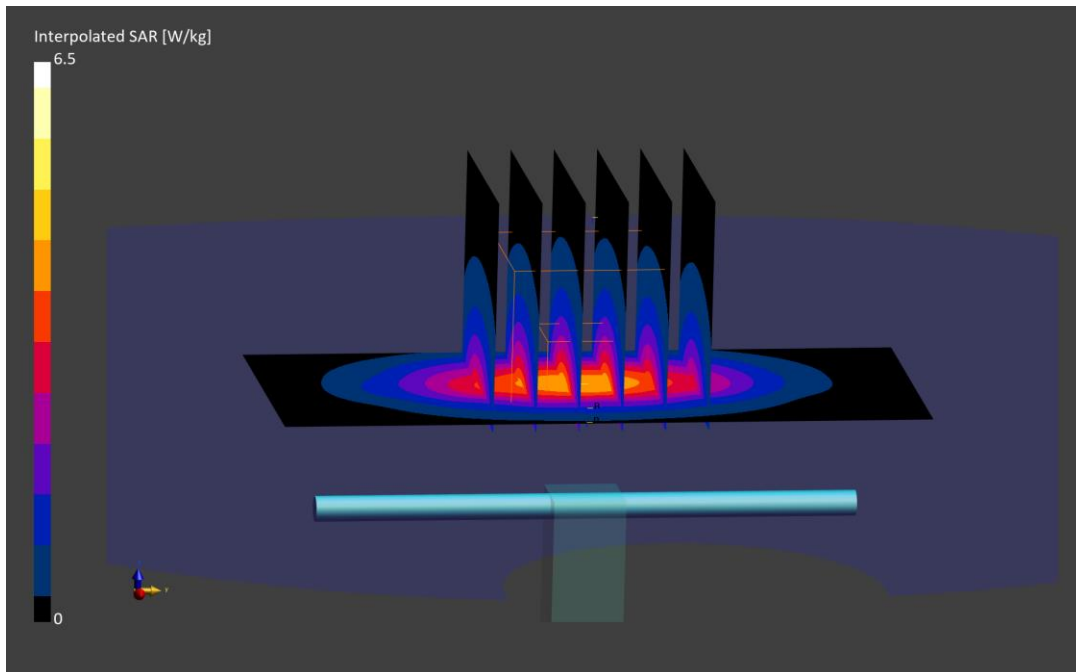
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.50 W/kg

SAR(1 g) = 3.49 W/kg; SAR(10 g) = 1.86 W/kg

Deviation (1 g) = -5.68%; Deviation (10 g) = -4.62%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.32 S/m; perm = 39.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/30/2024; Ambient Temp: 21.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.81,7.9,8.22); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2024-03-01
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

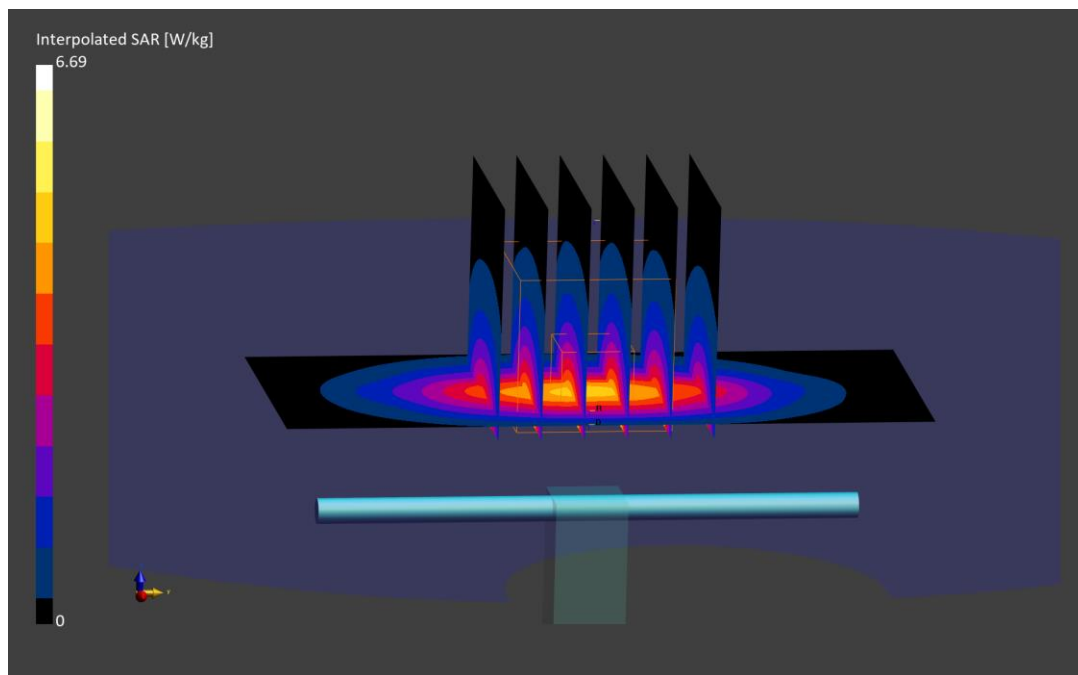
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 6.69 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 2.03 W/kg

Deviation (1 g) = 1.36%; Deviation (10 g) = 4.64%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.43 S/m; perm = 38.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 23.6°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.72,7.32,7.76); 2024-06-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; 2024-06-11
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.2.4.2524

1900.0 MHz System Verification at 20.0 dBm (100 mW)

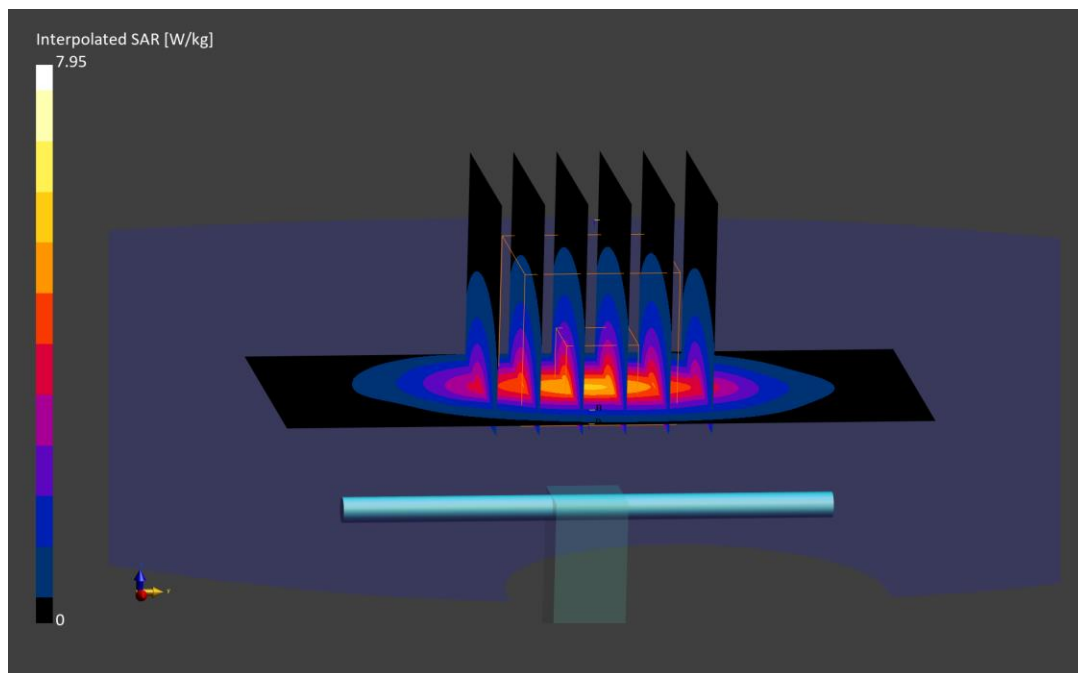
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.95 W/kg

SAR(1 g) = 4.30 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = 7.23%; Deviation (10 g) = 6.19%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.45 S/m; perm = 41.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 22.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7659; ConvF:(8.88,8.88,8.88); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; 2024-04-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.4.2524

1900.0 MHz System Verification at 20.0 dBm (100 mW)

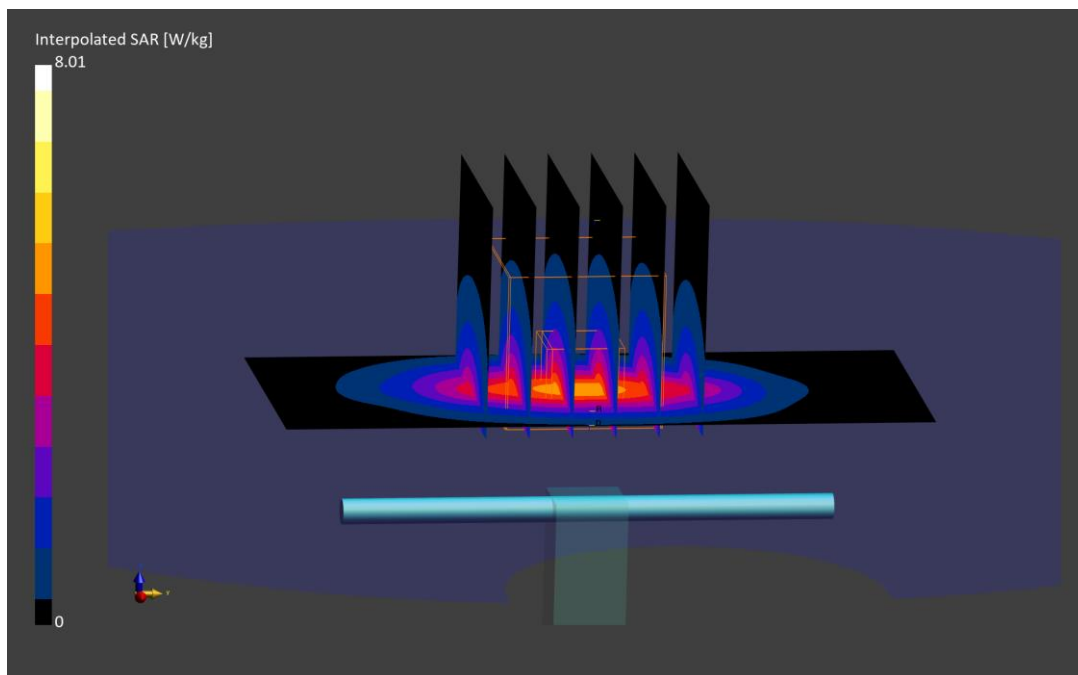
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 8.01 W/kg

SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.13 W/kg

Deviation (1 g) = 2.49%; Deviation (10 g) = 1.43%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.39 S/m; perm = 41.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/04/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7803; ConvF:(7.55,7.72,7.85); 2024-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; 2024-07-08
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

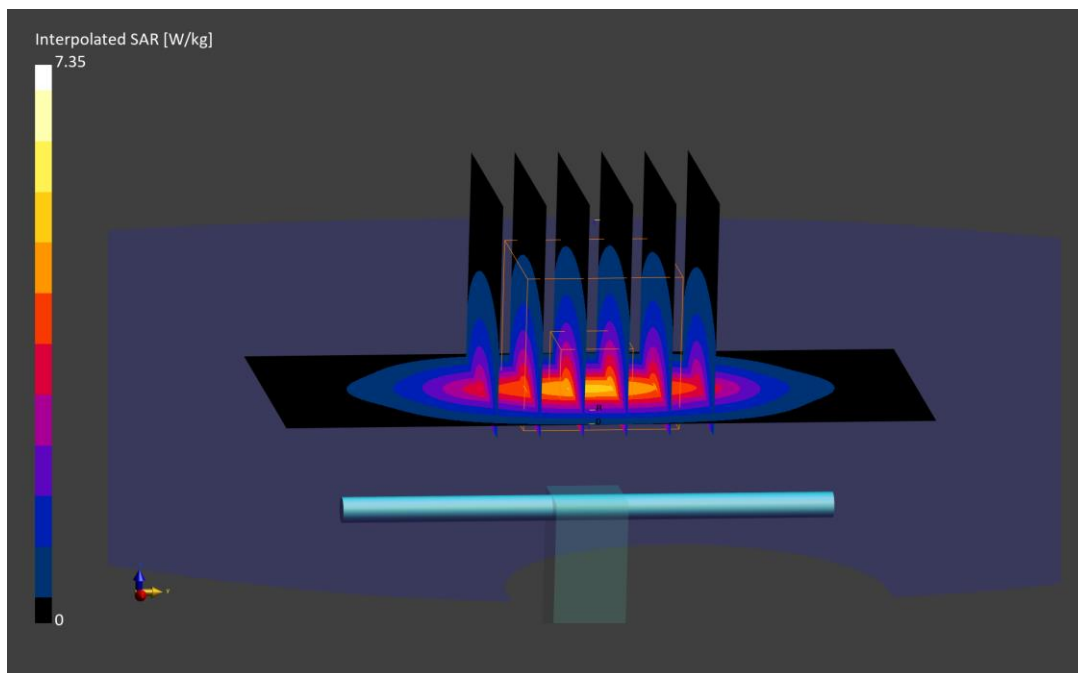
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.35 W/kg

SAR(1 g) = 4.05 W/kg; SAR(10 g) = 2.12 W/kg

Deviation (1 g) = 1.00%; Deviation (10 g) = 0.95%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.43 S/m; perm = 39.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/05/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3914; ConvF:(8.04,7.37,7.44); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

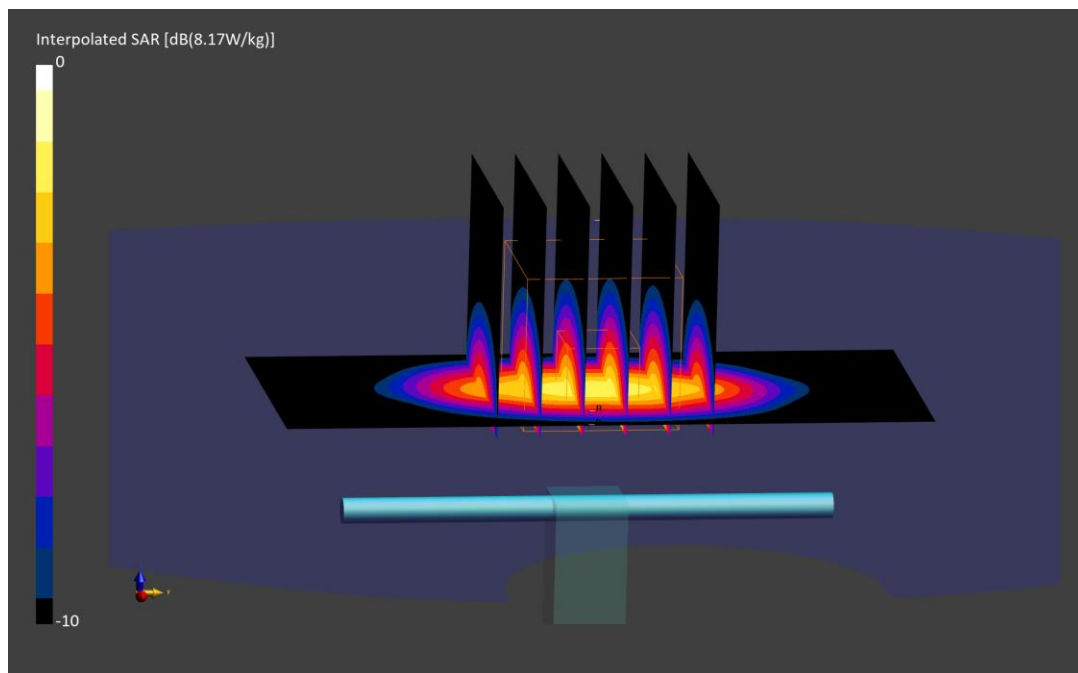
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 8.17 W/kg

SAR(1 g) = 4.30 W/kg; SAR(10 g) = 2.22 W/kg

Deviation (1 g) = 7.23%; Deviation (10 g) = 5.71%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.41 S/m; perm = 40.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/05/2024; Ambient Temp: 21.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.55,7.58,7.86); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2024-03-01
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

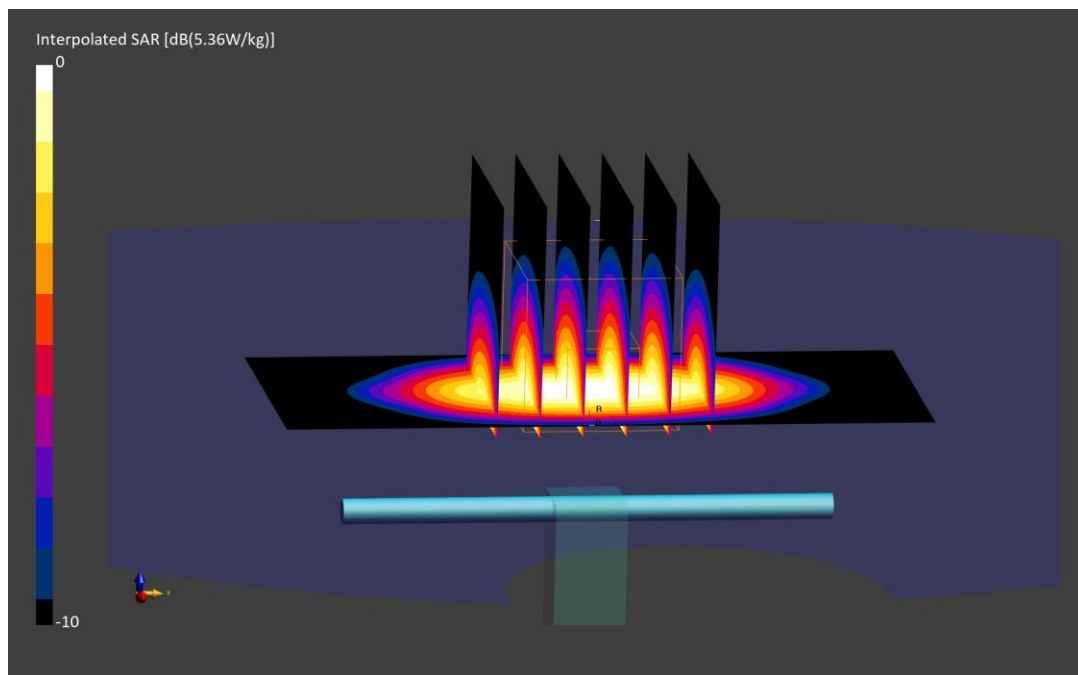
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.47 W/kg

SAR(1 g) = 4.21 W/kg; SAR(10 g) = 2.22 W/kg

Deviation (1 g) = 4.99%; Deviation (10 g) = 5.71%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d141

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.43 S/m; perm = 39.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/11/2024; Ambient Temp: 19.2°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); 2024-01-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

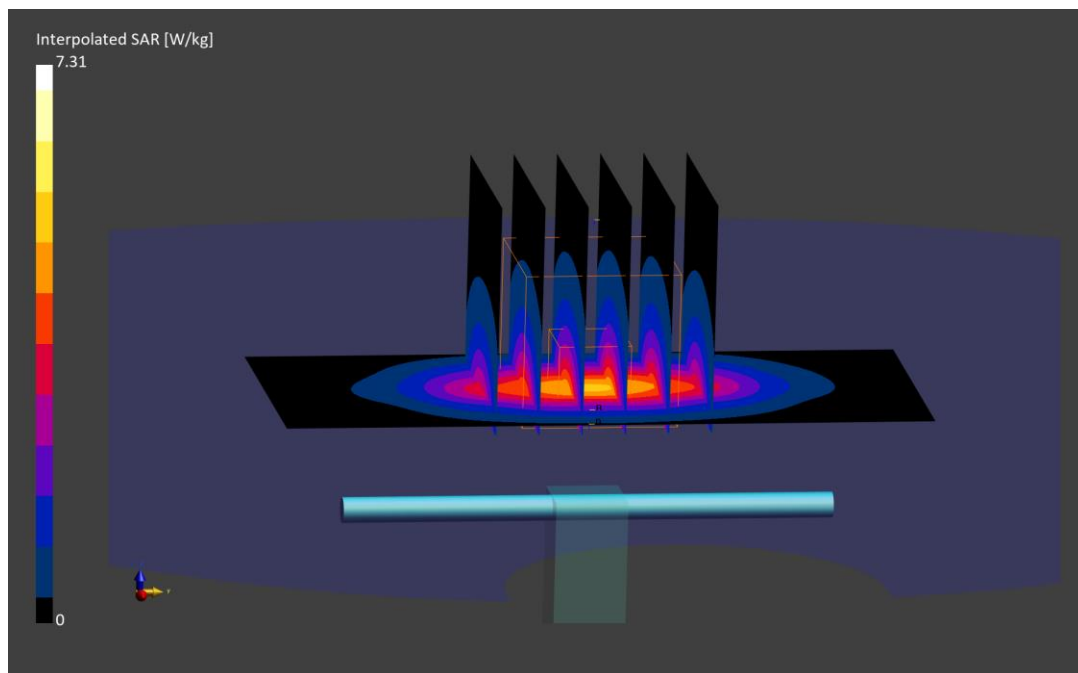
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

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) = 7.31 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.00 W/kg

Deviation (1 g) = -3.97%; Deviation (10 g) = -4.76%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.72 S/m; perm = 39.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 22.1°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7427; ConvF:(6.58,7.31,7.48); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2300.0 MHz System Verification at 20.0 dBm (100 mW)

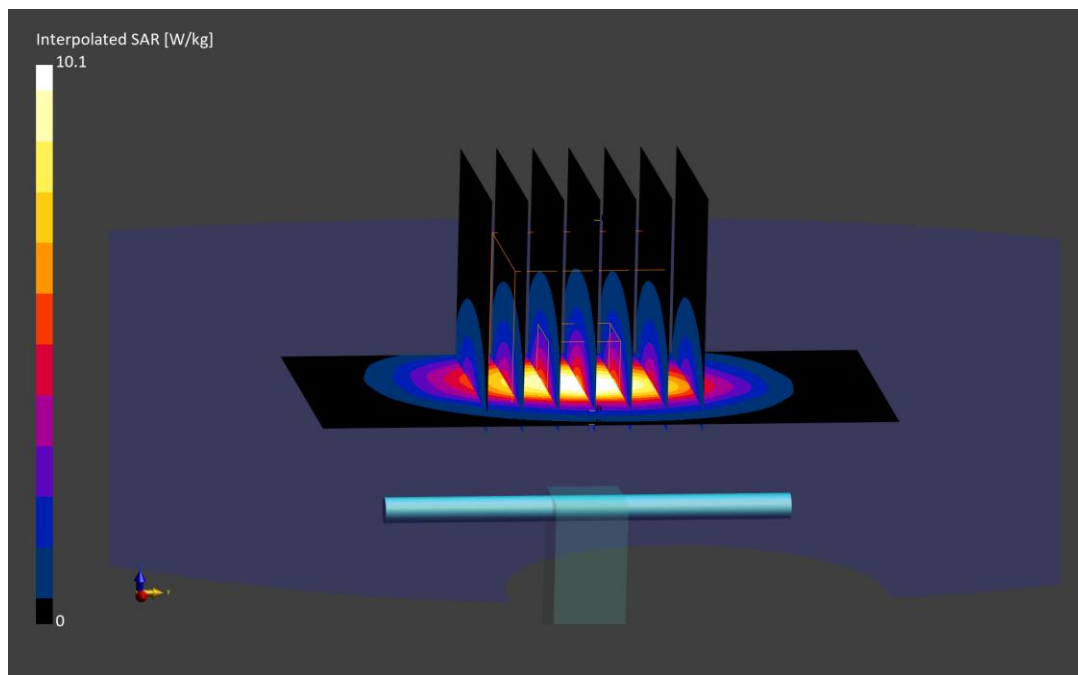
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 5.06 W/kg; SAR(10 g) = 2.40 W/kg

Deviation (1 g) = 2.64%; Deviation (10 g) = 0.84%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.71 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/04/2024; Ambient Temp: 23.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7427; ConvF:(6.58,7.31,7.48); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2300.0 MHz System Verification at 20.0 dBm (100 mW)

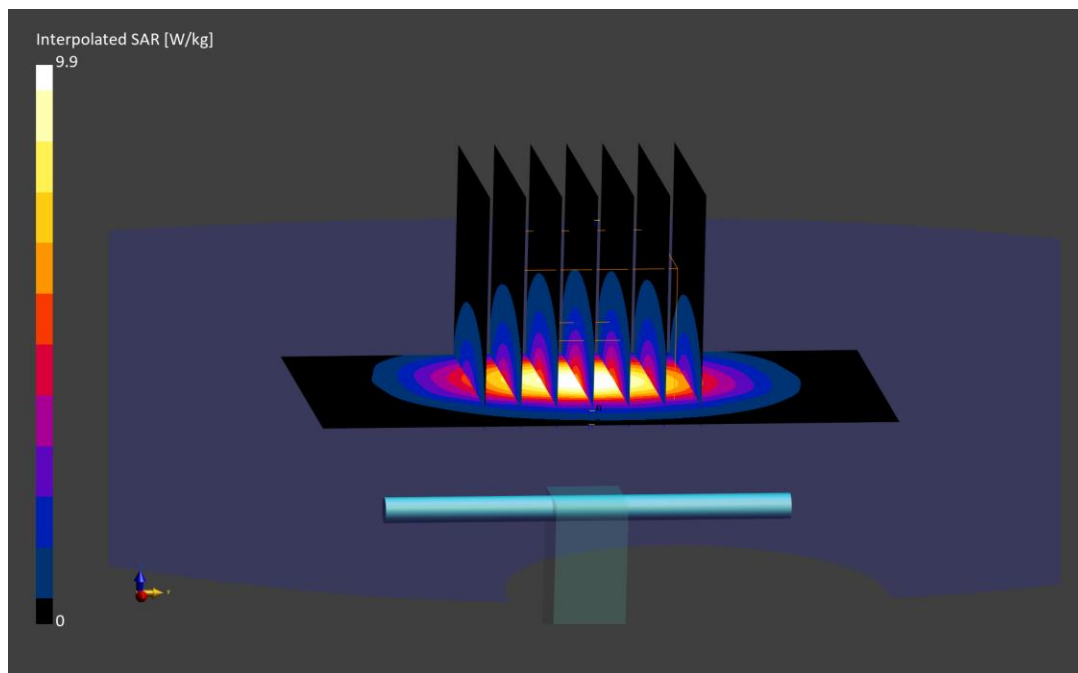
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 9.90 W/kg

SAR(1 g) = 4.86 W/kg; SAR(10 g) = 2.29 W/kg

Deviation (1 g) = -1.42%; Deviation (10 g) = -3.78%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1038

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.73 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/08/2024; Ambient Temp: 20.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(6.58,7.31,7.48); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2300.0 MHz System Verification at 20.0 dBm (100 mW)

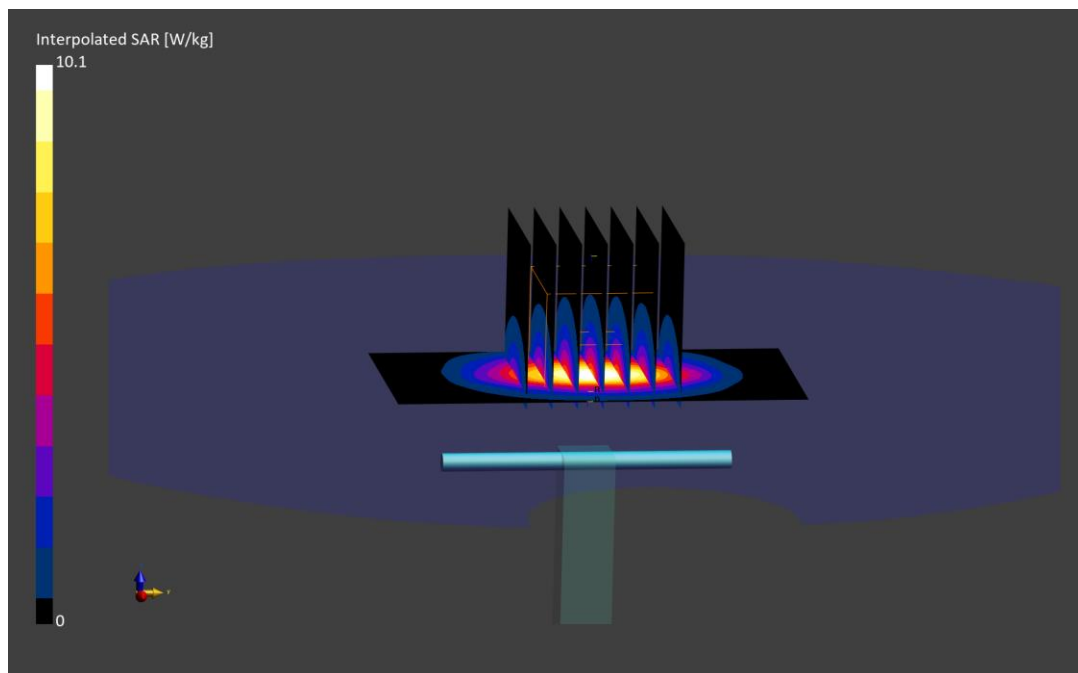
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 4.96 W/kg; SAR(10 g) = 2.32 W/kg

Deviation (1 g) = 1.02%; Deviation (10 g) = -2.11%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1038

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.66 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 21.1°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7682; ConvF:(8.0,7.85,8.33); 2024-05-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1683; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.2.4.2524

2300.0 MHz System Verification at 20.0 dBm (100 mW)

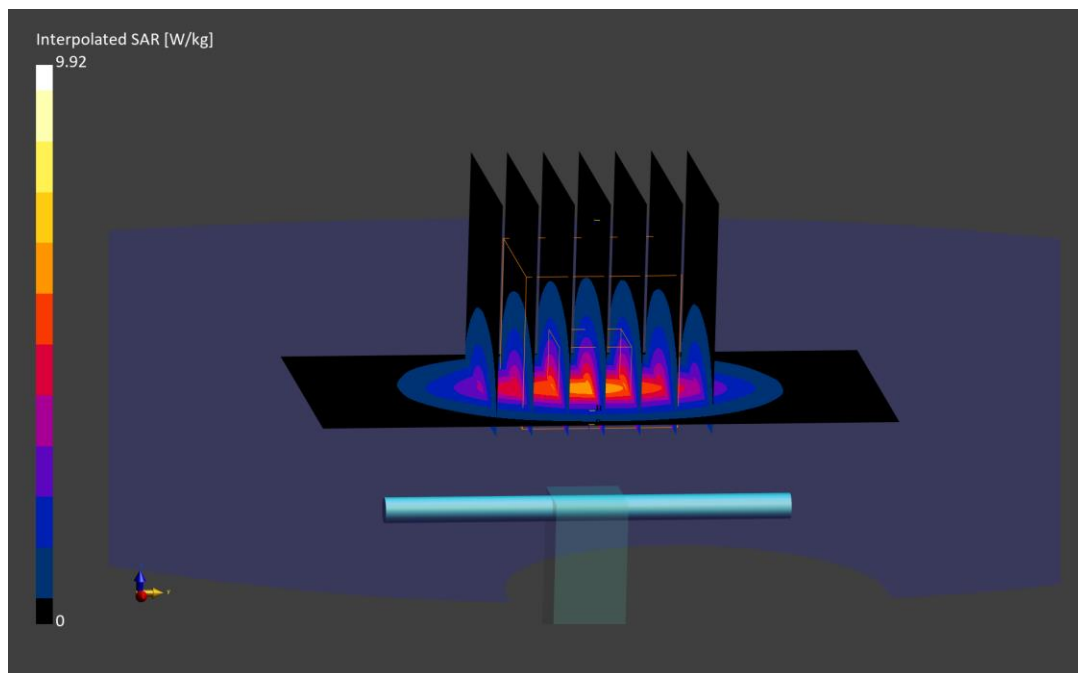
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 9.92 W/kg

SAR(1 g) = 4.83 W/kg; SAR(10 g) = 2.25 W/kg

Deviation (1 g) = -1.63%; Deviation (10 g) = -5.06%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.70 S/m; perm = 38.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/07/2024; Ambient Temp: 22.1°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7682; ConvF:(8.0,7.85,8.33); 2024-05-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1683; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

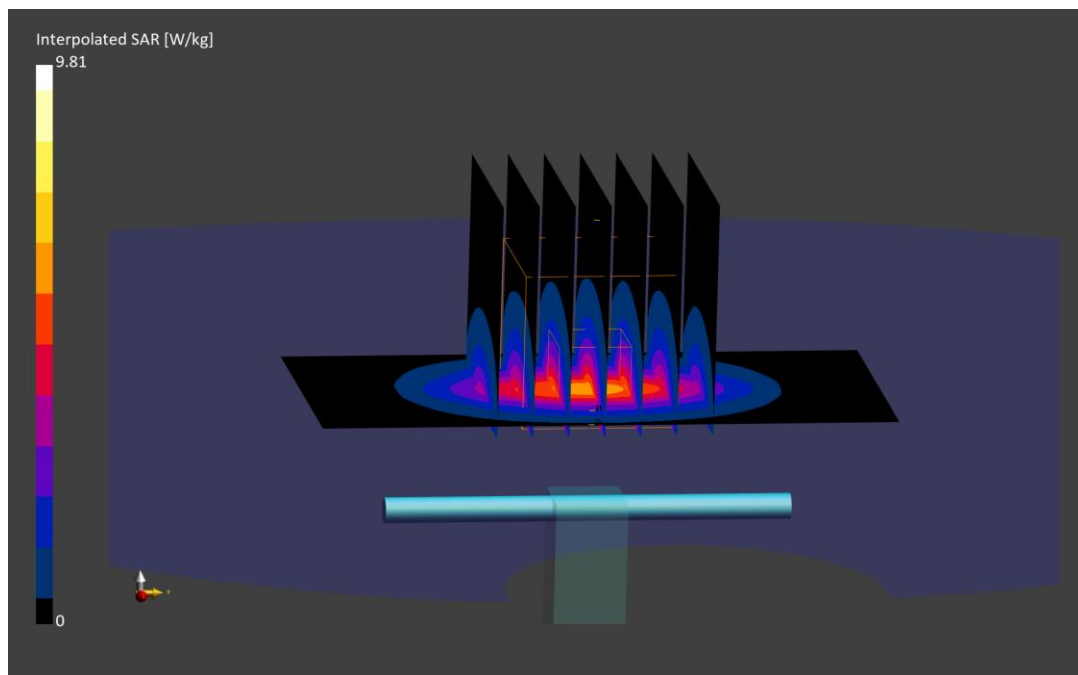
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 9.81 W/kg

SAR(1 g) = 4.78 W/kg; SAR(10 g) = 2.24 W/kg

Deviation (1 g) = -3.04%; Deviation (10 g) = -5.88%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.88 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 22.1°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7427; ConvF:(6.47,7.19,7.33); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2450.0 MHz System Verification at 20.0 dBm (100 mW)

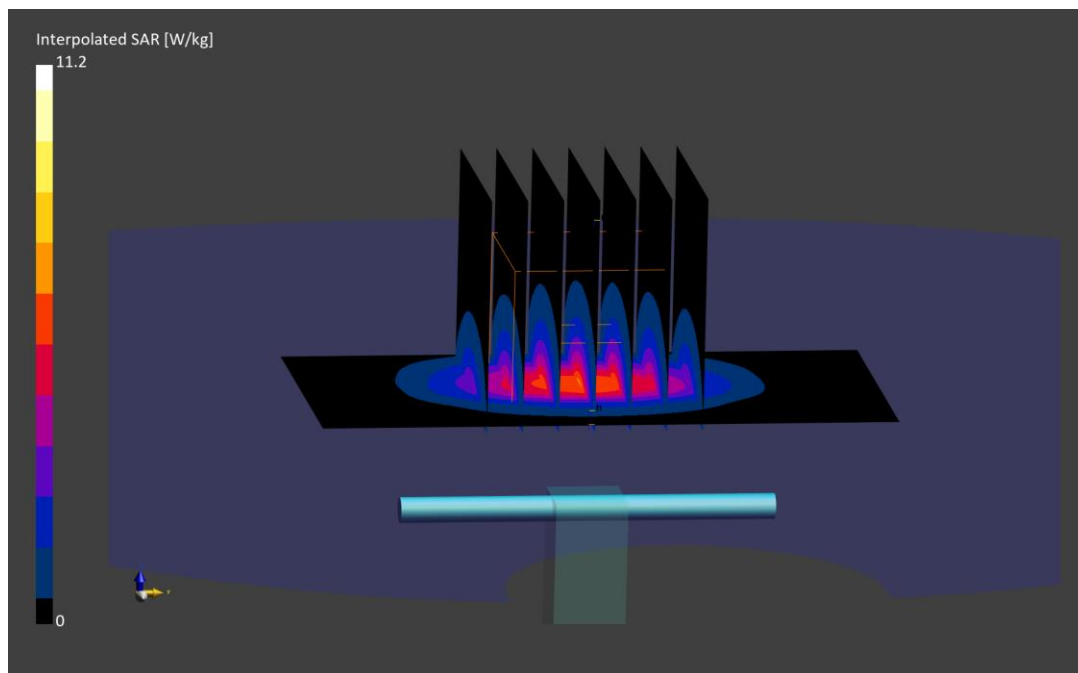
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.2 W/kg

SAR(1 g) = 5.26 W/kg; SAR(10 g) = 2.39 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = -2.45%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN945

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.82 S/m; perm = 37.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 21.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7637; ConvF:(7.49,7.72,8.29); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.4.2524

2450.0 MHz System Verification at 20.0 dBm (100 mW)

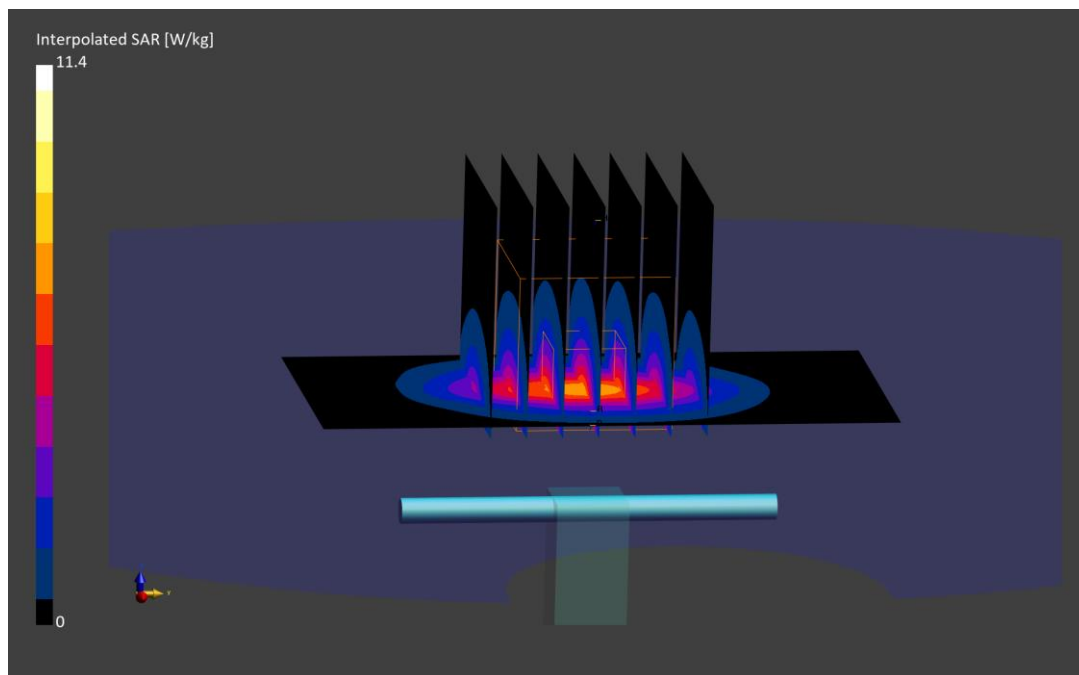
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.57 W/kg; SAR(10 g) = 2.59 W/kg

Deviation (1 g) = 4.31%; Deviation (10 g) = 3.19%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN855

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.83 S/m; perm = 39.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/04/2024; Ambient Temp: 23.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7682; ConvF:(7.87,7.72,8.18); 2024-05-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1683; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.2.4.2524

2450.0 MHz System Verification at 20.0 dBm (100 mW)

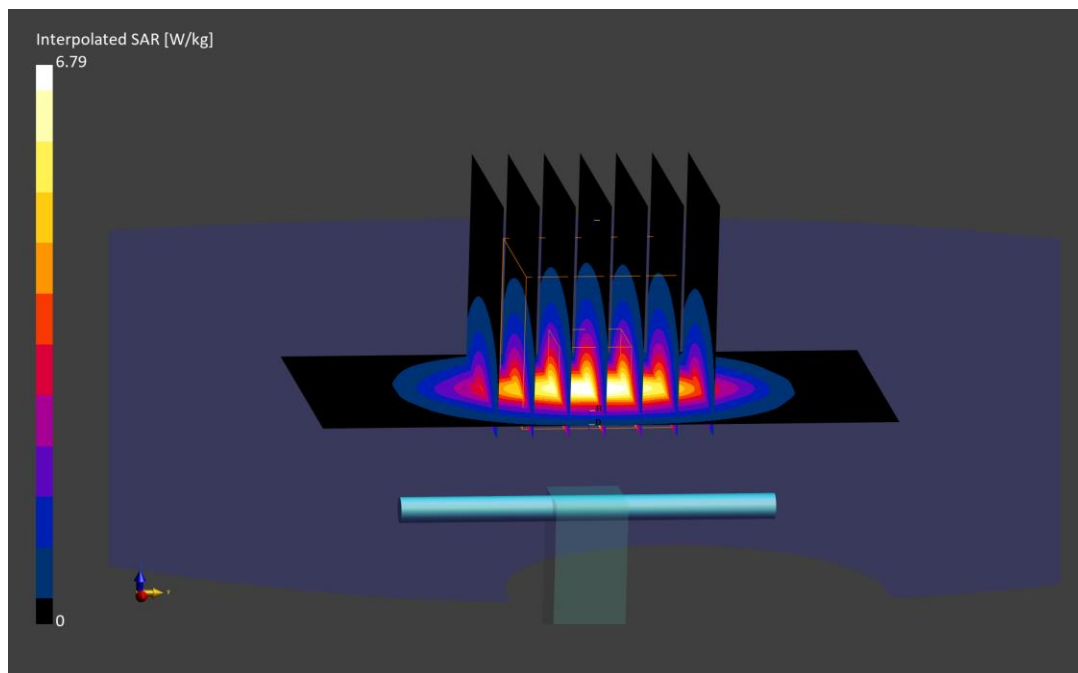
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.10 W/kg; SAR(10 g) = 2.30 W/kg

Deviation (1 g) = -2.67%; Deviation (10 g) = -6.50%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN945

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.78 S/m; perm = 38.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/04/2024; Ambient Temp: 20.9°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7637; ConvF:(7.49,7.72,8.29); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

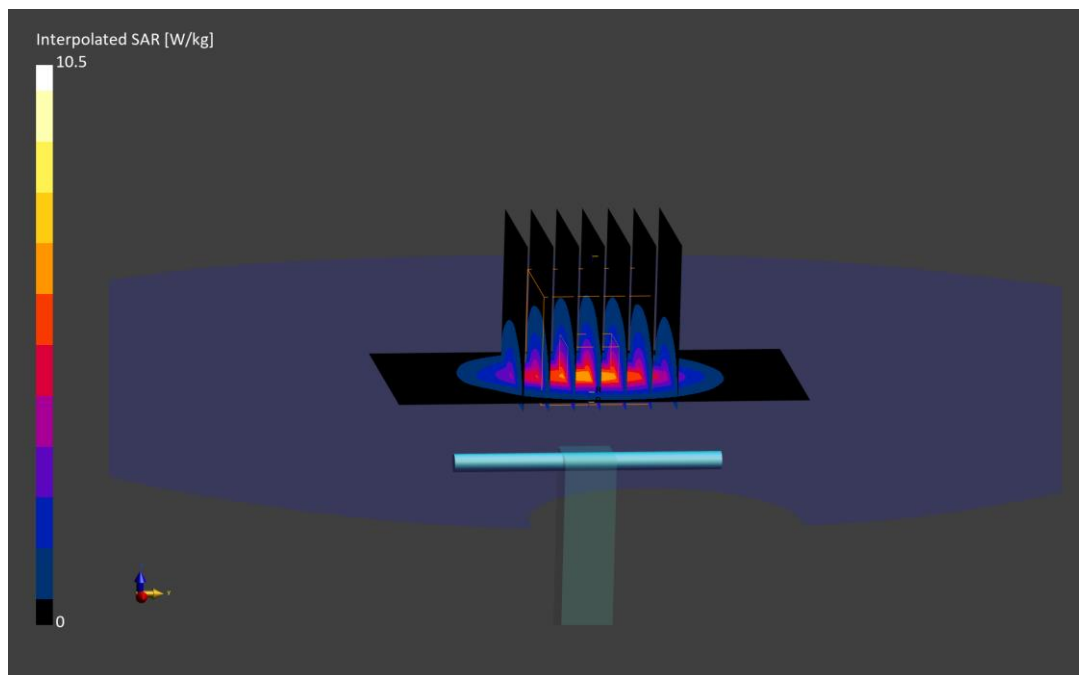
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.5 W/kg

SAR(1 g) = 5.14 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -3.75%; Deviation (10 g) = -3.98%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.85 S/m; perm = 38.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/18/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7427; ConvF:(6.47,7.19,7.33); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2450.0 MHz System Verification at 20.0 dBm (100 mW)

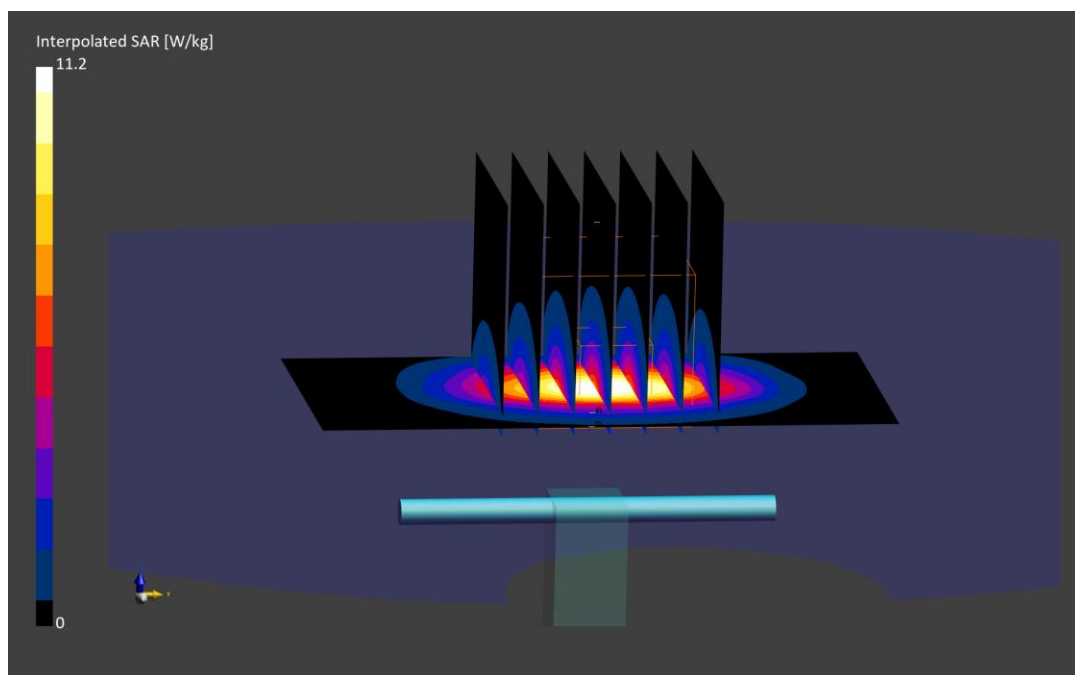
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 11.2 W/kg

SAR(1 g) = 5.26 W/kg; SAR(10 g) = 2.37 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = -3.27%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN945

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.83 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/23/2024; Ambient Temp: 20.8°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7637; ConvF:(7.49,7.72,8.29); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

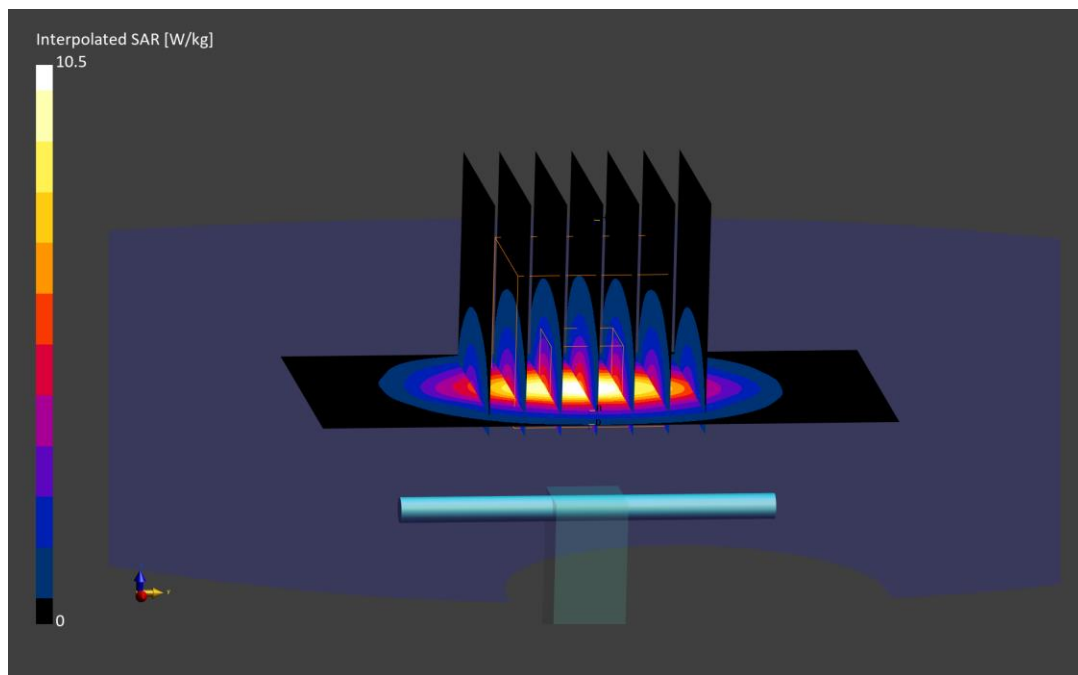
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 10.5 W/kg

SAR(1 g) = 5.14 W/kg; SAR(10 g) = 2.39 W/kg

Deviation (1 g) = -3.75%; Deviation (10 g) = -4.78%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.79 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/14/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF:(7.45,7.06,7.43); 2024-09-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; 2024-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

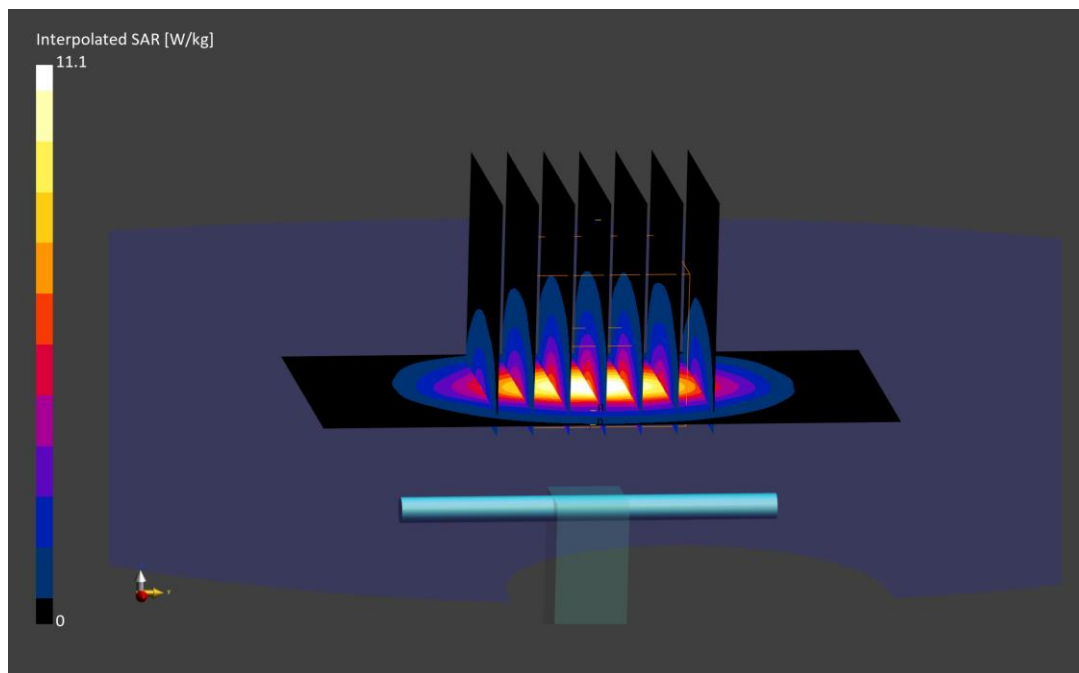
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.51 W/kg; SAR(10 g) = 2.59 W/kg

Deviation (1 g) = 3.96%; Deviation (10 g) = 4.02%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 2.05 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 22.1°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7427; ConvF:(6.36,7.05,7.22); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2600.0 MHz System Verification at 20.0 dBm (100 mW)

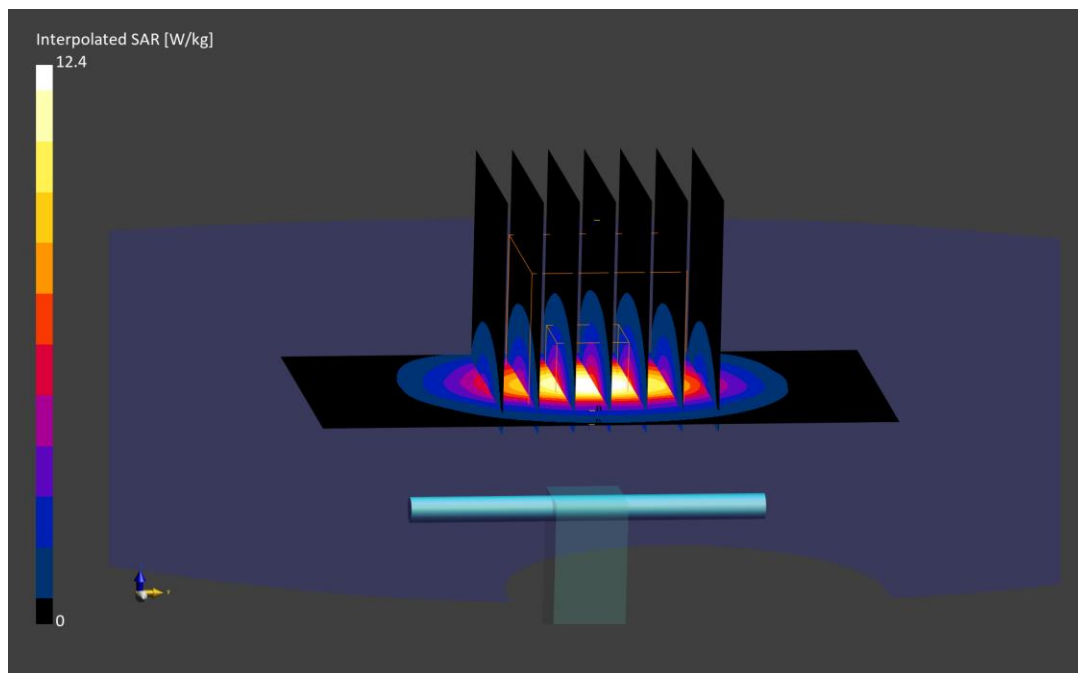
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.54 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -0.72%; Deviation (10 g) = -2.81%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1009

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 1.94 S/m; perm = 37.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 21.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7637; ConvF:(7.3,7.51,8.07); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.4.2524

2600.0 MHz System Verification at 20.0 dBm (100 mW)

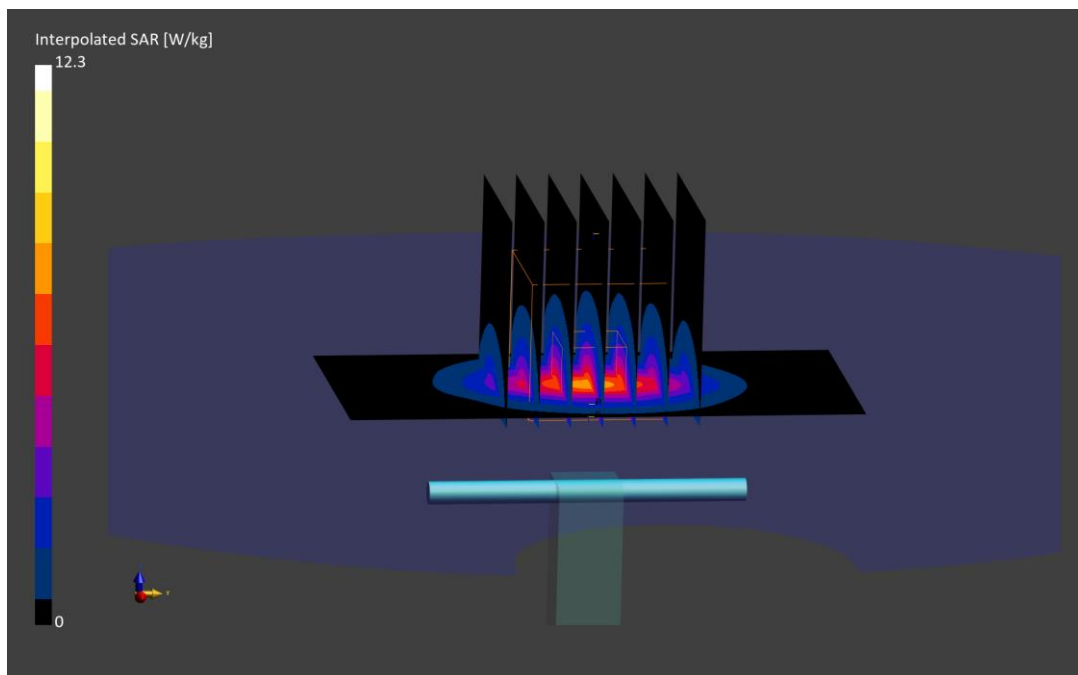
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.77 W/kg; SAR(10 g) = 2.60 W/kg

Deviation (1 g) = 1.94%; Deviation (10 g) = 1.96%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1069

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 2.01 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/04/2024; Ambient Temp: 23.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7682; ConvF:(7.72,7.57,8.04); 2024-05-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1683; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.2.4.2524

2600.0 MHz System Verification at 20.0 dBm (100 mW)

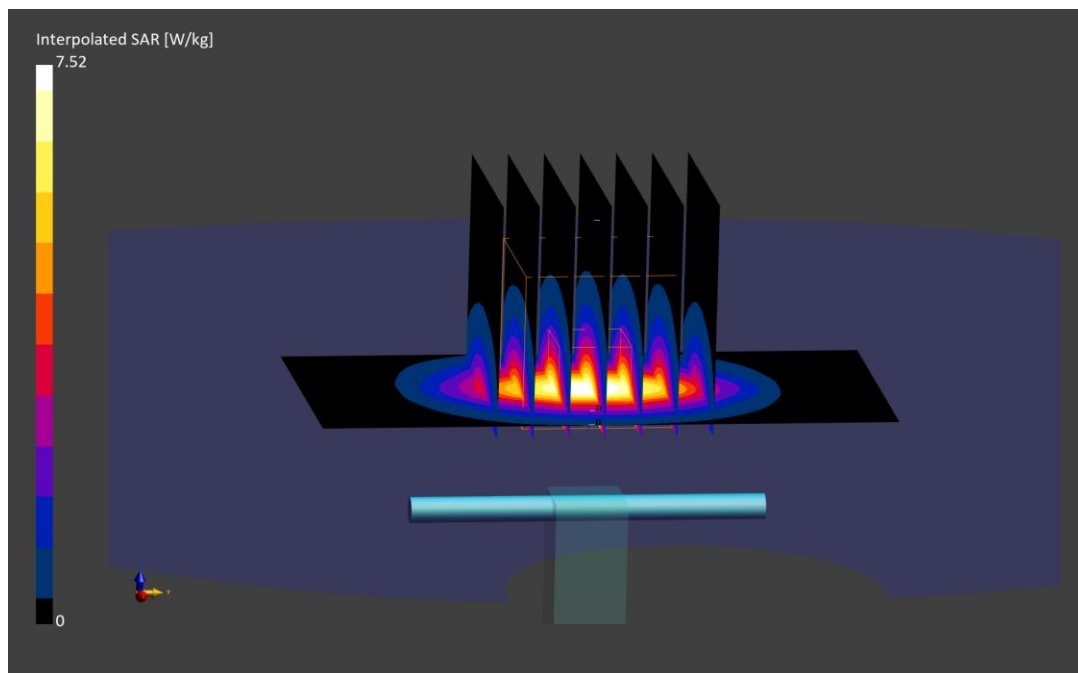
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.63 W/kg; SAR(10 g) = 2.45 W/kg

Deviation (1 g) = 0.18%; Deviation (10 g) = -3.92%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 2.03 S/m; perm = 37.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/13/2024; Ambient Temp: 23.0°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7682; ConvF:(7.72,7.57,8.04); 2024-05-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1683; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

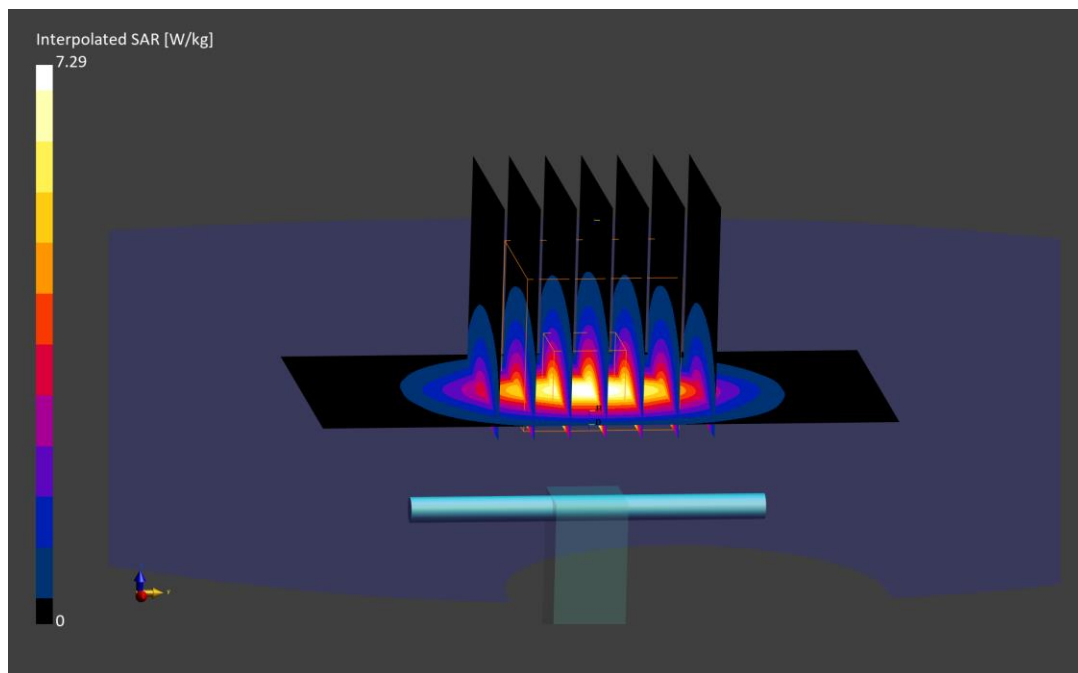
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 12.0 W/kg

SAR(1 g) = 5.41 W/kg; SAR(10 g) = 2.37 W/kg

Deviation (1 g) = -3.05%; Deviation (10 g) = -4.82%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 2.01 S/m; perm = 37.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/18/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7427; ConvF:(6.36,7.05,7.22); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.4.2524

2600.0 MHz System Verification at 20.0 dBm (100 mW)

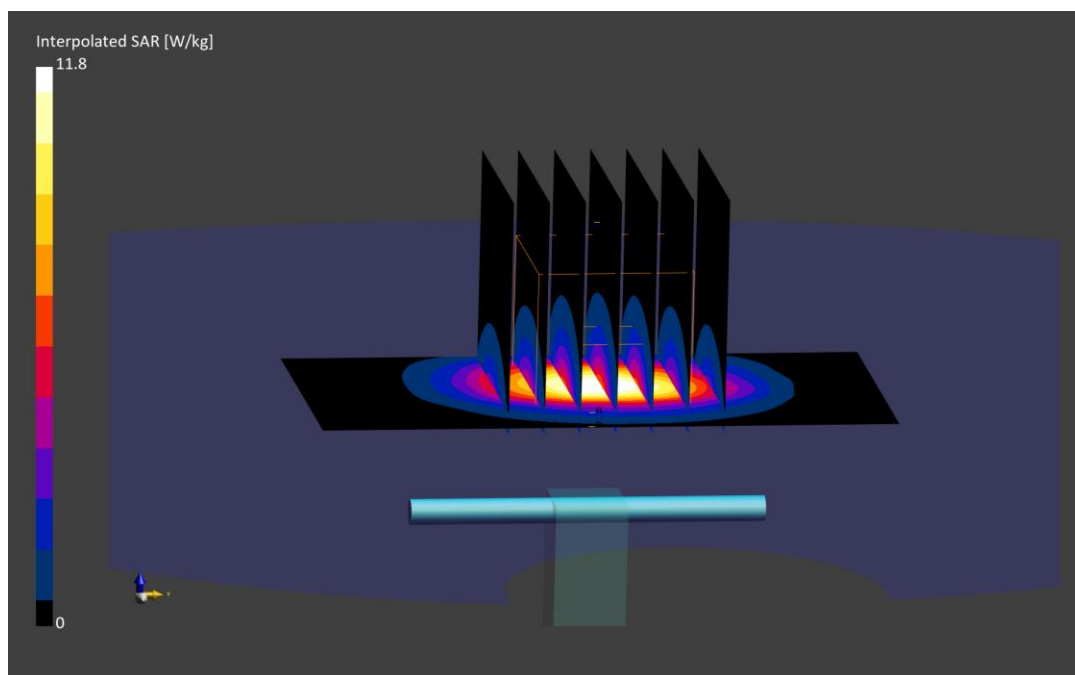
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.29 W/kg; SAR(10 g) = 2.30 W/kg

Deviation (1 g) = -5.20%; Deviation (10 g) = -7.63%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1009

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 1.95 S/m; perm = 38.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/23/2024; Ambient Temp: 20.8°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7637; ConvF:(7.3,7.51,8.07); 2024-04-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; 2024-04-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

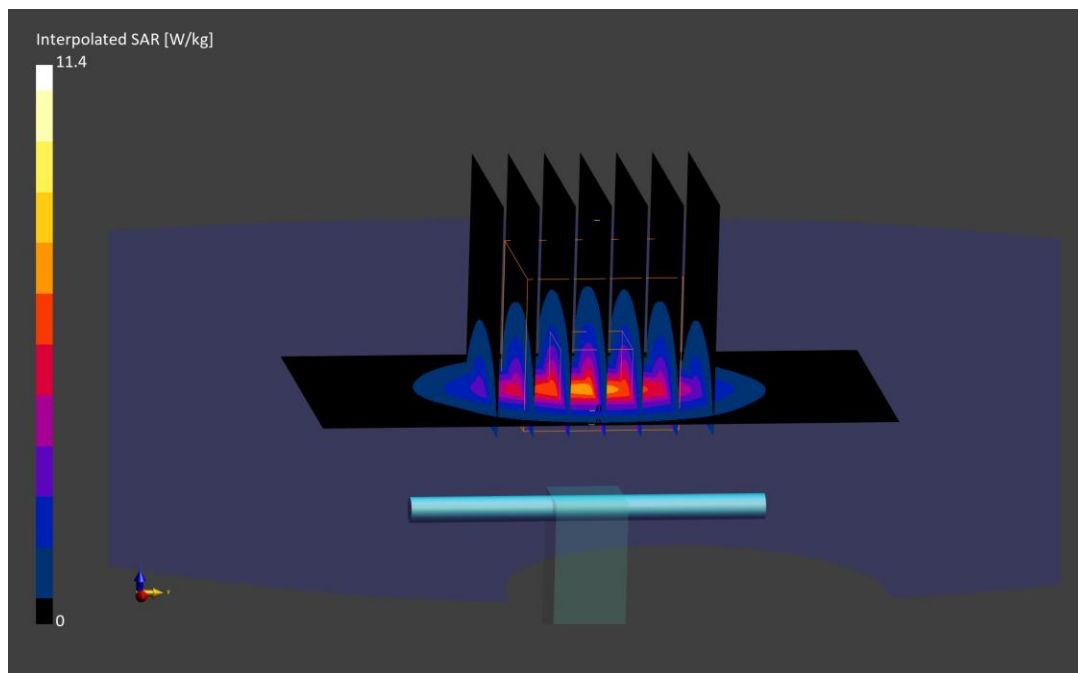
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.30 W/kg; SAR(10 g) = 2.38 W/kg

Deviation (1 g) = -6.36%; Deviation (10 g) = -6.67%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1042

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 2.03 S/m; perm = 37.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/02/2024; Ambient Temp: 21.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7552; ConvF:(6.86,7.45,7.27); 2024-05-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

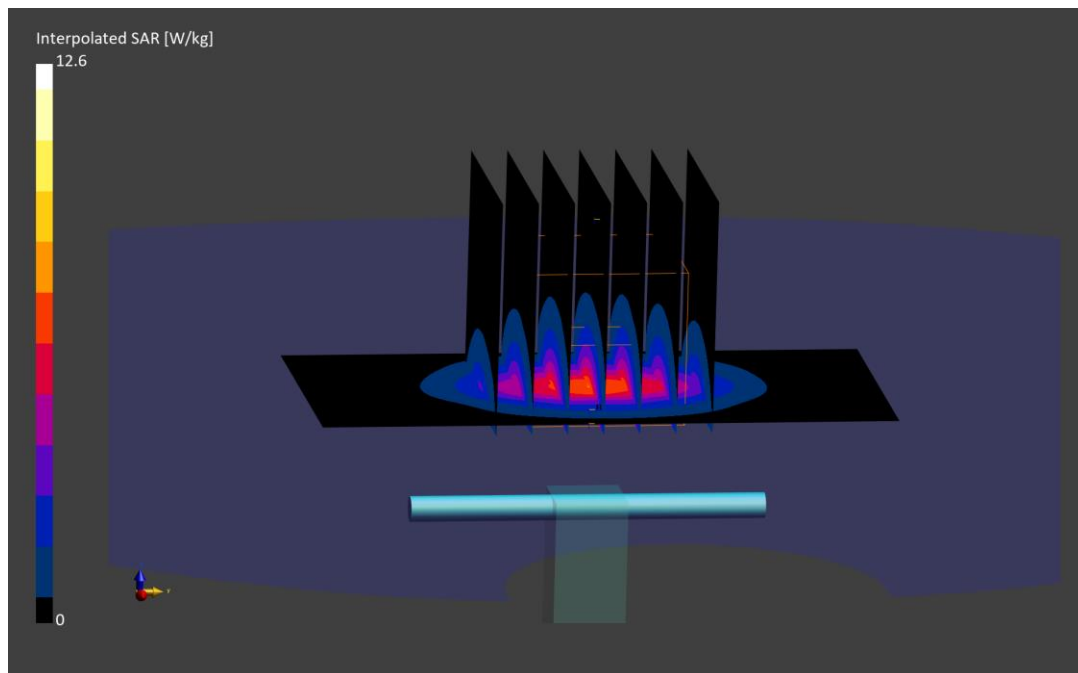
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 5.59 W/kg; SAR(10 g) = 2.43 W/kg

Deviation (1 g) = 0.18%; Deviation (10 g) = -2.41%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1009

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 1.97 S/m; perm = 37.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/02/2024; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF:(8.13,7.69,8.37); 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

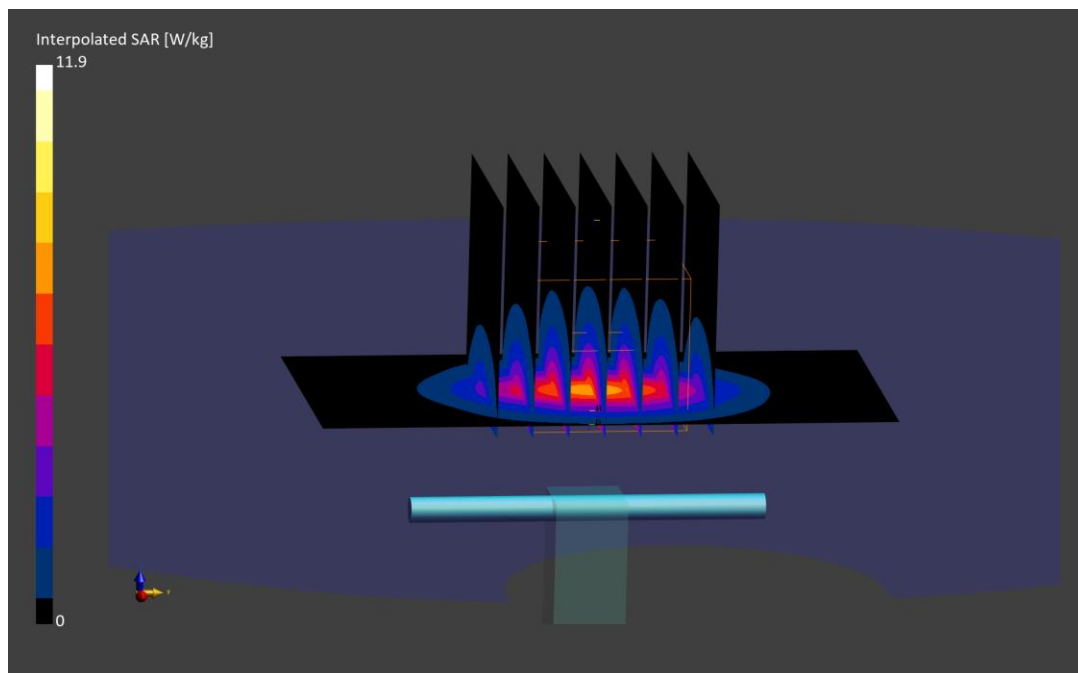
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 5.62 W/kg; SAR(10 g) = 2.53 W/kg

Deviation (1 g) = -0.71%; Deviation (10 g) = -0.78%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1068

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.81 S/m; perm = 39.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7565; ConvF:(6.96,6.13,6.05); 2024-01-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.4.2524

3500.0 MHz System Verification at 20.0 dBm (100 mW)

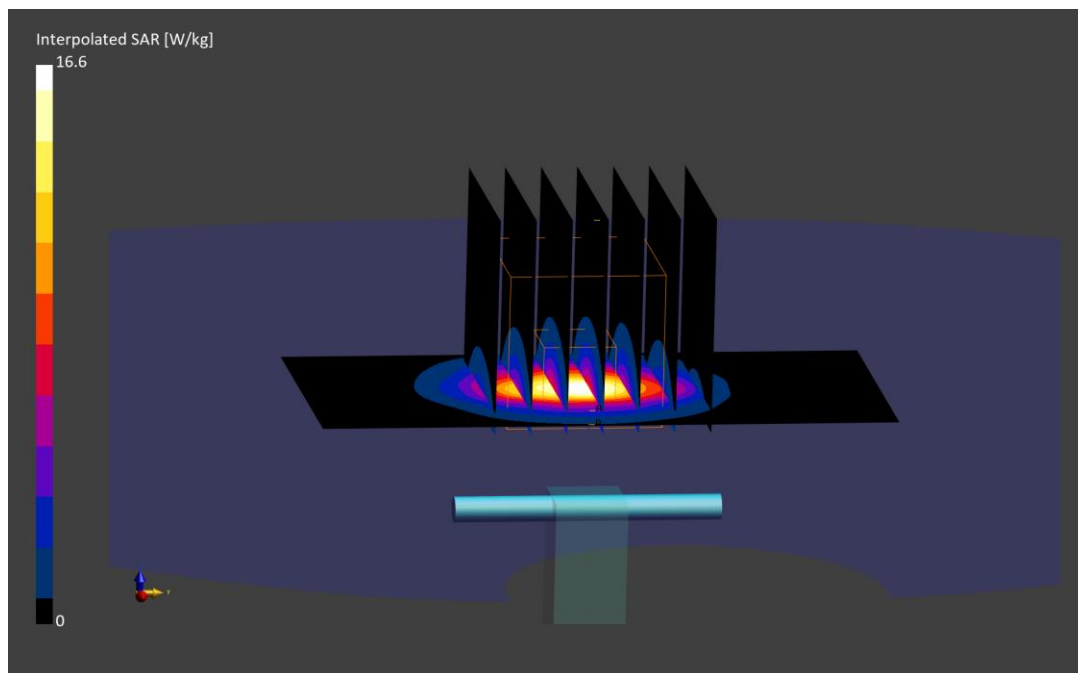
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 16.7 W/kg

SAR(1 g) = 6.37 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -2.45%; Deviation (10 g) = -2.02%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1059

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.79 S/m; perm = 39.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 23.5°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7488; ConvF:(7.02,6.98,6.72); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2024-03-27
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.4.2524

3500.0 MHz System Verification at 20.0 dBm (100 mW)

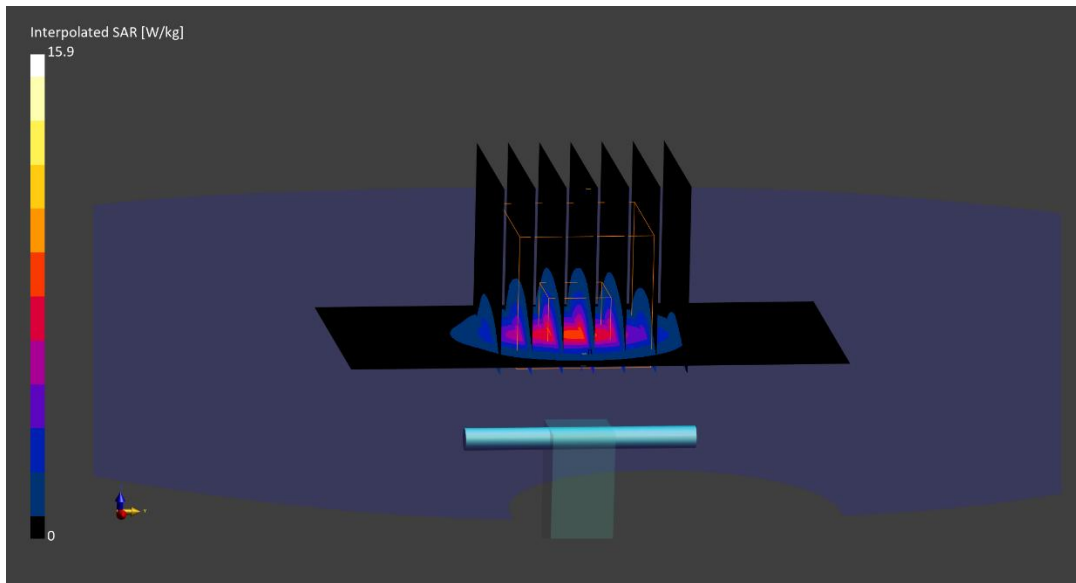
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 6.39 W/kg; SAR(10 g) = 2.47 W/kg

Deviation (1 g) = -1.54%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.79 S/m; perm = 38.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 22.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7488; ConvF:(7.02,6.98,6.72); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2024-03-27
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

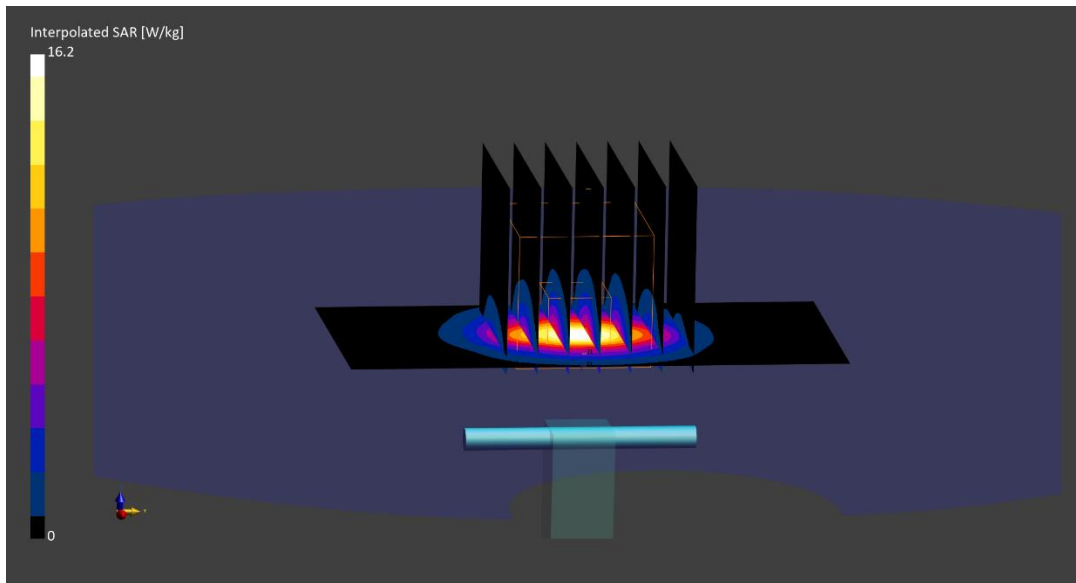
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 6.43 W/kg; SAR(10 g) = 2.47 W/kg

Deviation (1 g) = -1.68%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.81 S/m; perm = 38.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/09/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7660; ConvF:(6.95,6.76,7.38); 2024-05-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

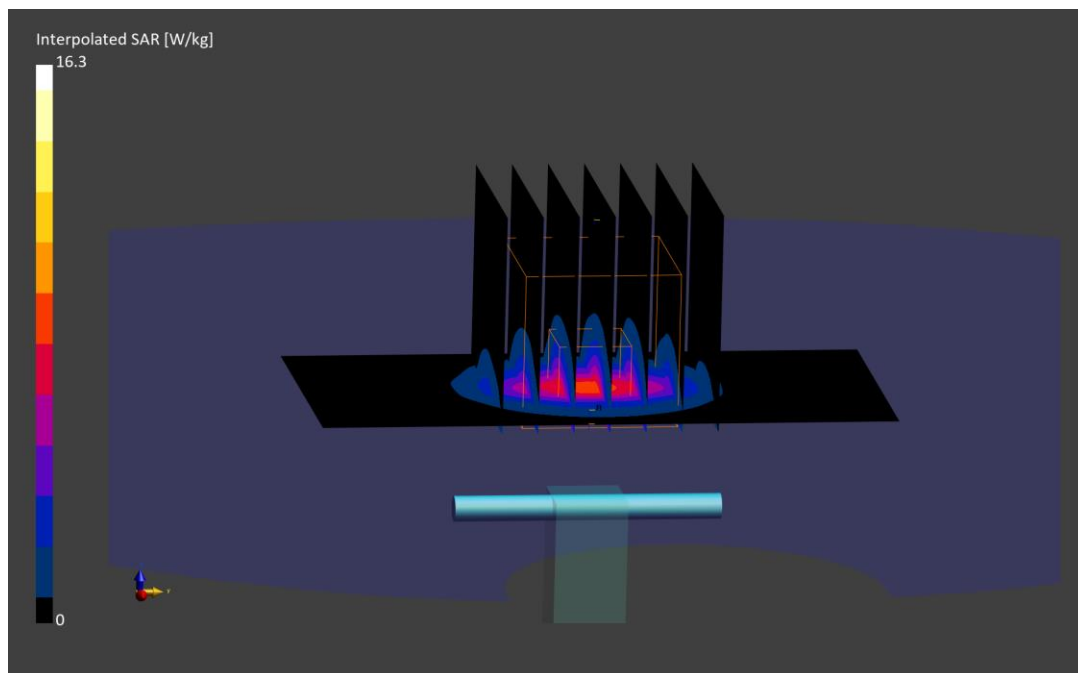
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 16.3 W/kg

SAR(1 g) = 6.39 W/kg; SAR(10 g) = 2.45 W/kg

Deviation (1 g) = -2.29%; Deviation (10 g) = -0.81%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1029

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.000 MHz; cond = 3.00 S/m; perm = 38.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7565; ConvF:(6.82,5.99,5.94); 2024-01-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; 2024-01-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.4.2524

3700.0 MHz System Verification at 20.0 dBm (100 mW)

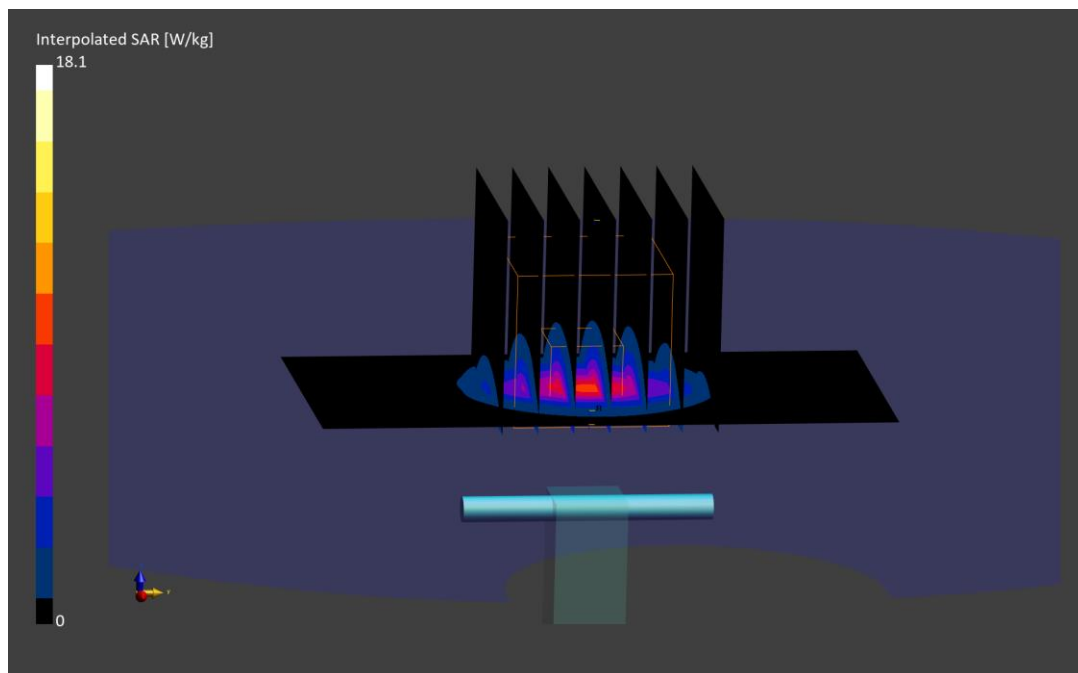
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 18.1 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.43 W/kg

Deviation (1 g) = -2.08%; Deviation (10 g) = -0.82%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.000 MHz; cond = 2.98 S/m; perm = 38.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 23.5°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7488; ConvF:(6.83,6.82,6.57); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2024-03-27
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.4.2524

3700.0 MHz System Verification at 20.0 dBm (100 mW)

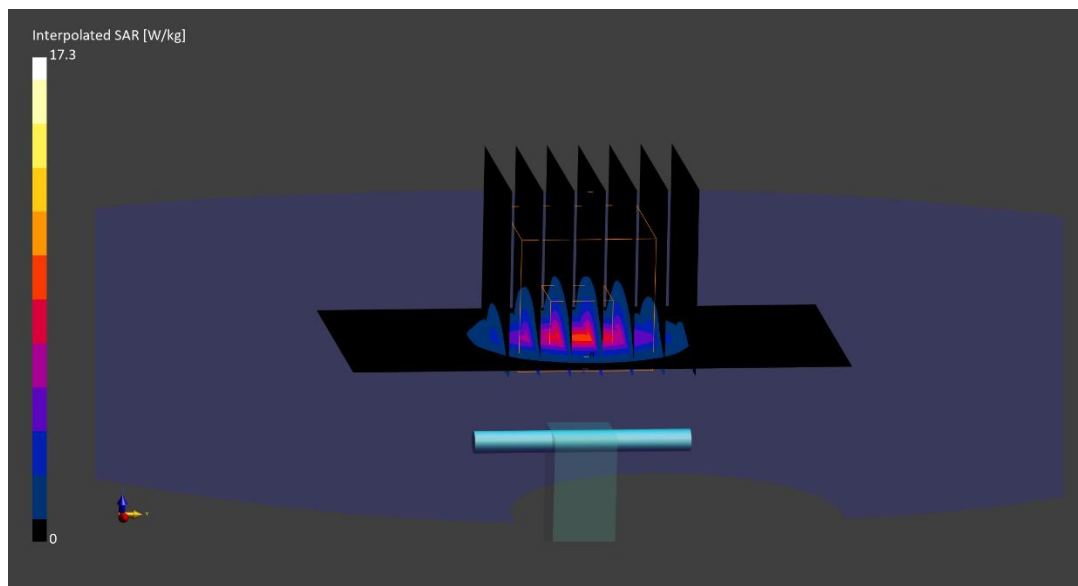
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = 1.23%; Deviation (10 g) = 2.93%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.000 MHz; cond = 2.98 S/m; perm = 38.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 22.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7488; ConvF:(6.83,6.82,6.57); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2024-03-27
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

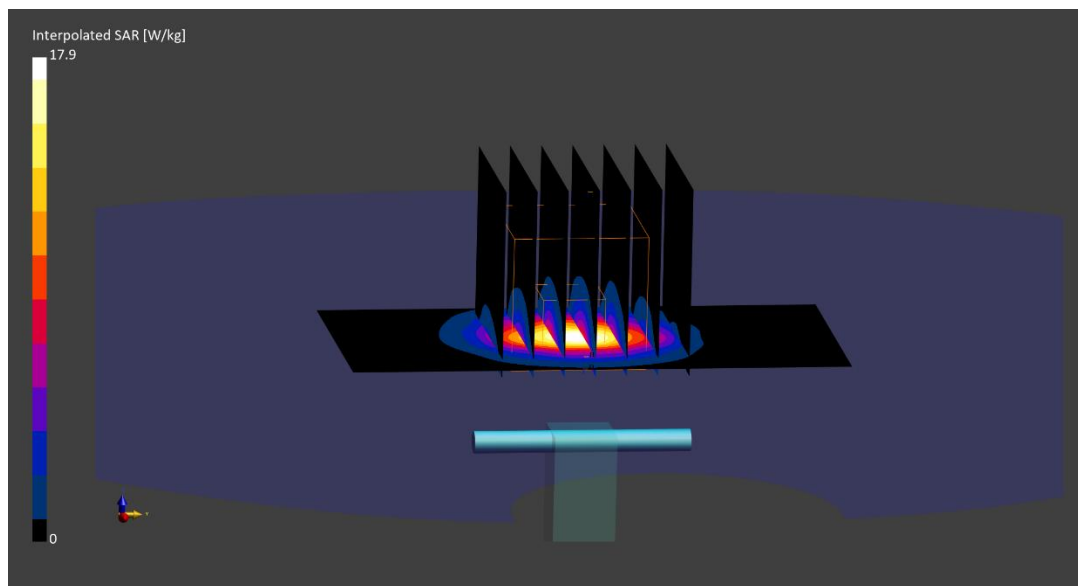
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.9 W/kg

SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.48 W/kg

Deviation (1 g) = -0.30%; Deviation (10 g) = 2.06%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1018

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.000 MHz; cond = 3.00 S/m; perm = 37.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/09/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7660; ConvF:(6.88,6.7,7.33); 2024-05-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2024-05-08
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

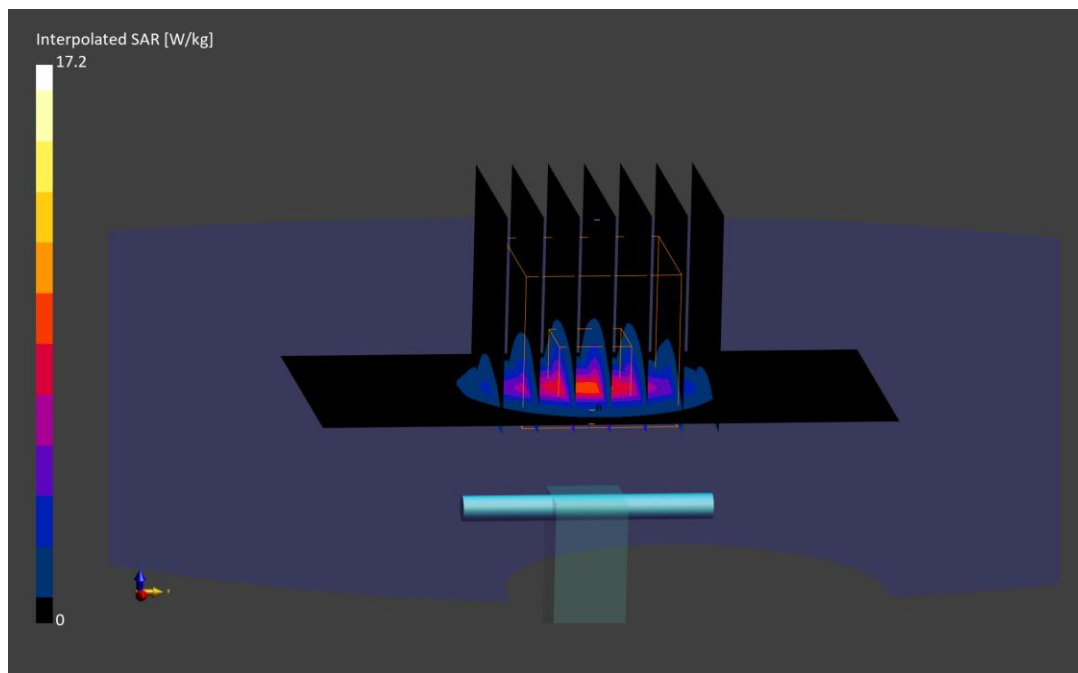
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.2 W/kg

SAR(1 g) = 6.52 W/kg; SAR(10 g) = 2.43 W/kg

Deviation (1 g) = 0.15%; Deviation (10 g) = 1.67%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.000 MHz; cond = 3.18 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/03/2024; Ambient Temp: 23.5°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7488; ConvF:(6.86,6.84,6.56); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2024-03-27
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.4.2524

3900.0 MHz System Verification at 20.0 dBm (100 mW)

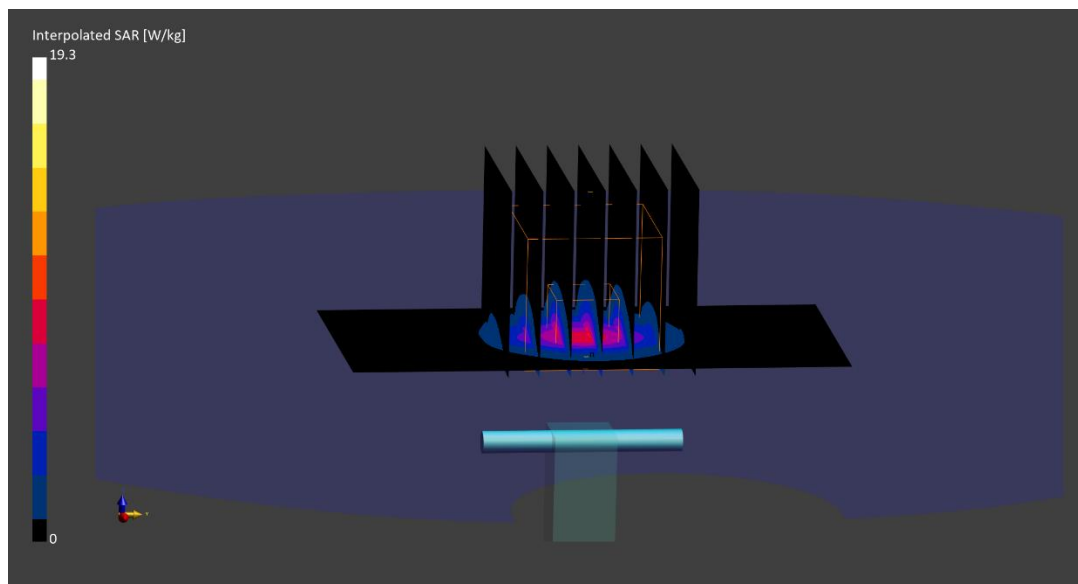
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 6.88 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = 0.88%; Deviation (10 g) = 2.52%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.000 MHz; cond = 3.18 S/m; perm = 37.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 22.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7488; ConvF:(6.86,6.84,6.56); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; 2024-03-27
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

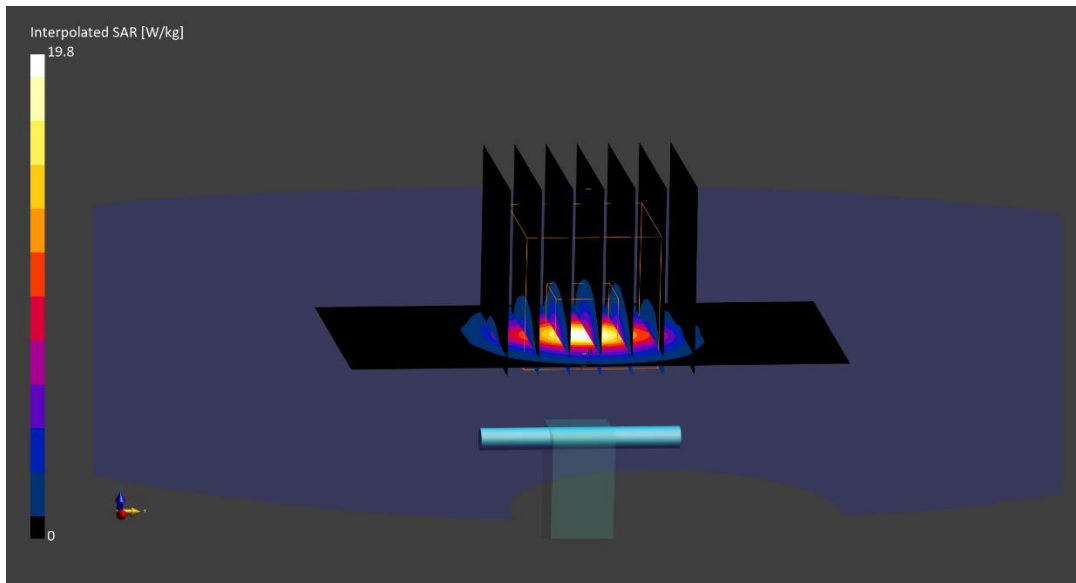
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 19.8 W/kg

SAR(1 g) = 6.92 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = 1.47%; Deviation (10 g) = 2.52%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.000 MHz; cond = 4.57 S/m; perm = 35.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7402; ConvF:(4.95,5.4,5.04); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.2.4.2524

5250.0 MHz System Verification at 17.0 dBm (50 mW)

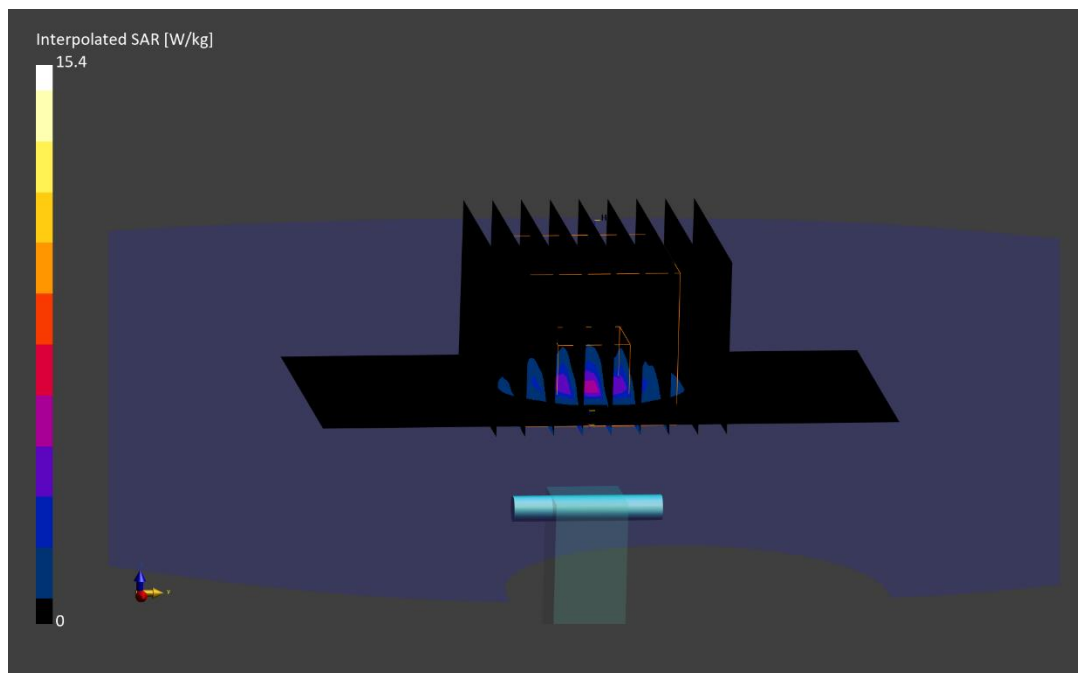
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.4 W/kg

SAR(1 g) = 3.90 W/kg; SAR(10 g) = 1.11 W/kg

Deviation (1 g) = -2.62%; Deviation (10 g) = -3.06%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.000 MHz; cond = 4.57 S/m; perm = 35.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF:(4.95,5.4,5.04); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

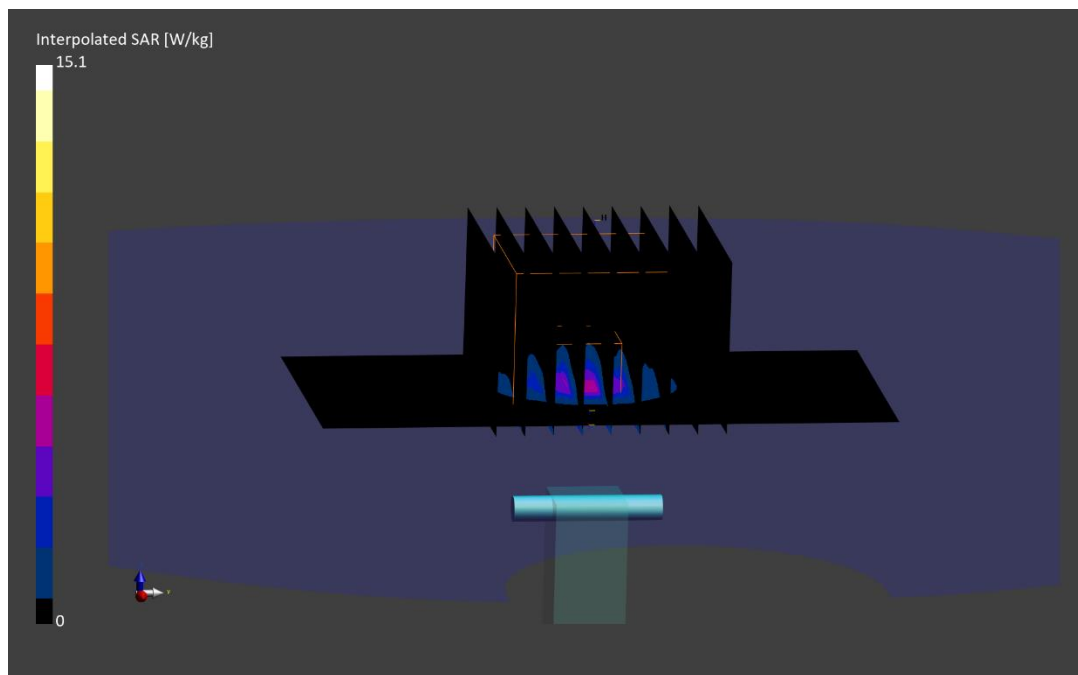
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -4.62%; Deviation (10 g) = -3.93%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.000 MHz; cond = 4.82 S/m; perm = 35.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7402; ConvF:(4.95,5.4,5.04); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

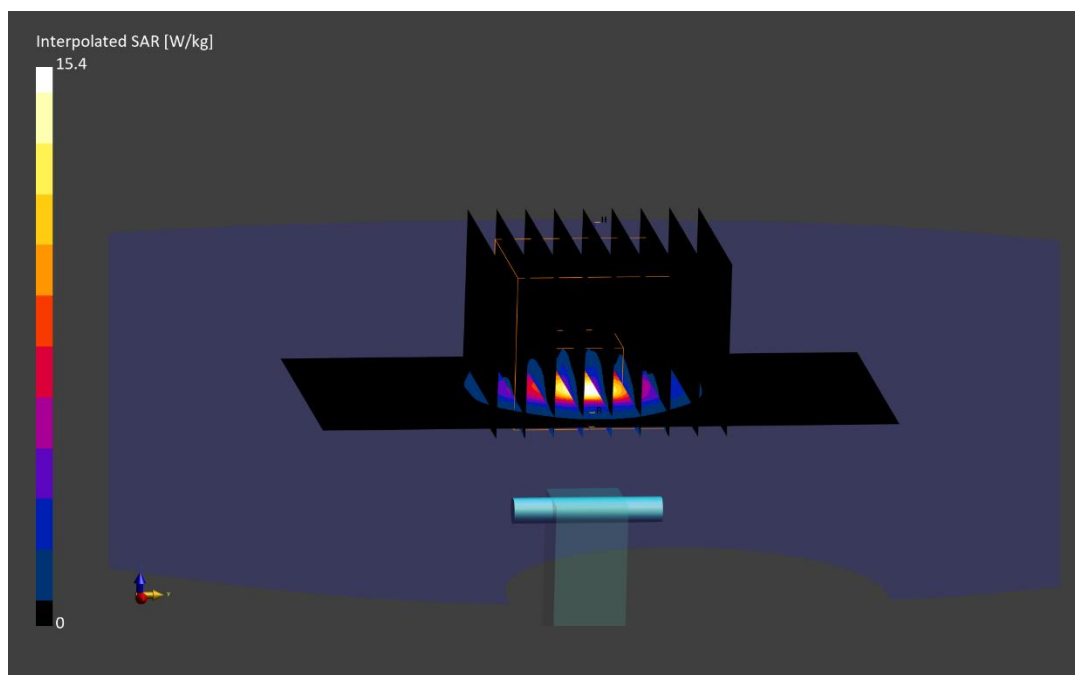
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 15.4 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -3.62%; Deviation (10 g) = -3.93%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.000 MHz; cond = 4.96 S/m; perm = 34.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7402; ConvF:(4.57,4.97,4.64); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.2.4.2524

5600.0 MHz System Verification at 17.0 dBm (50 mW)

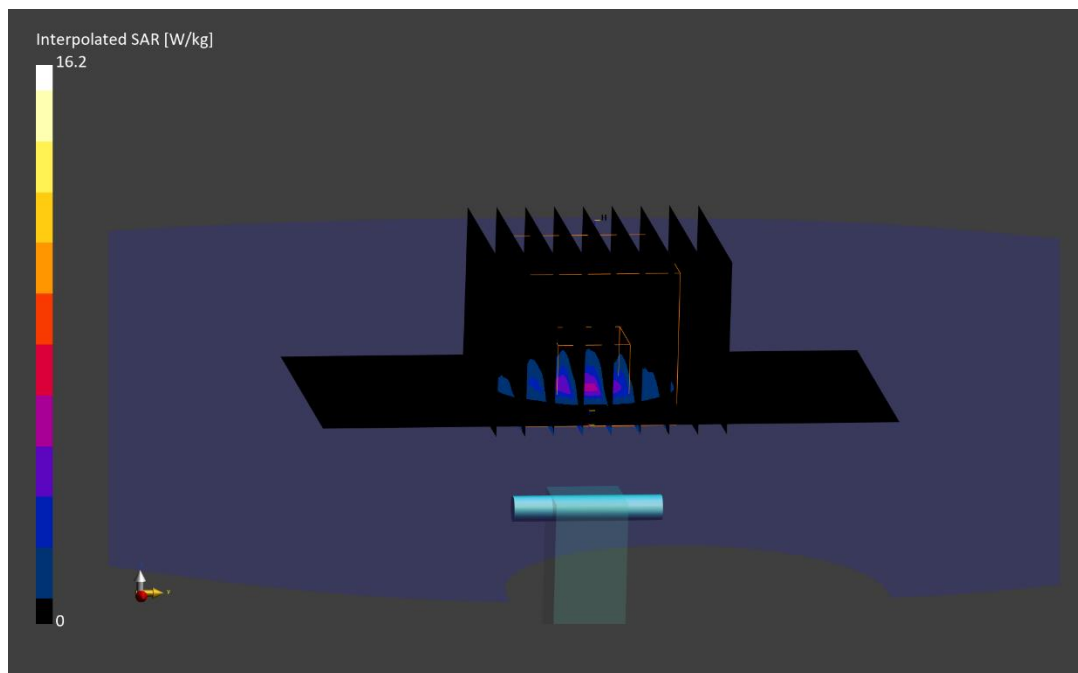
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 3.85 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = -6.10%; Deviation (10 g) = -7.30%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.000 MHz; cond = 4.95 S/m; perm = 34.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF:(4.57,4.97,4.64); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

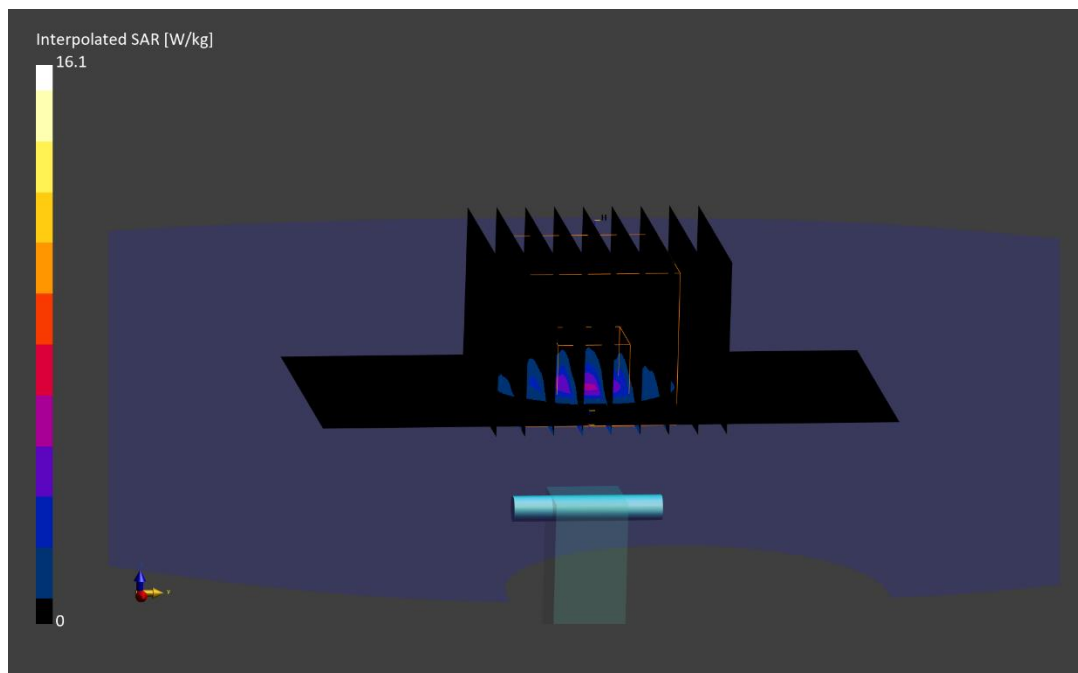
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 3.82 W/kg; SAR(10 g) = 1.09 W/kg

Deviation (1 g) = -6.83%; Deviation (10 g) = -6.44%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.000 MHz; cond = 5.23 S/m; perm = 35.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7402; ConvF:(4.57,4.97,4.64); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

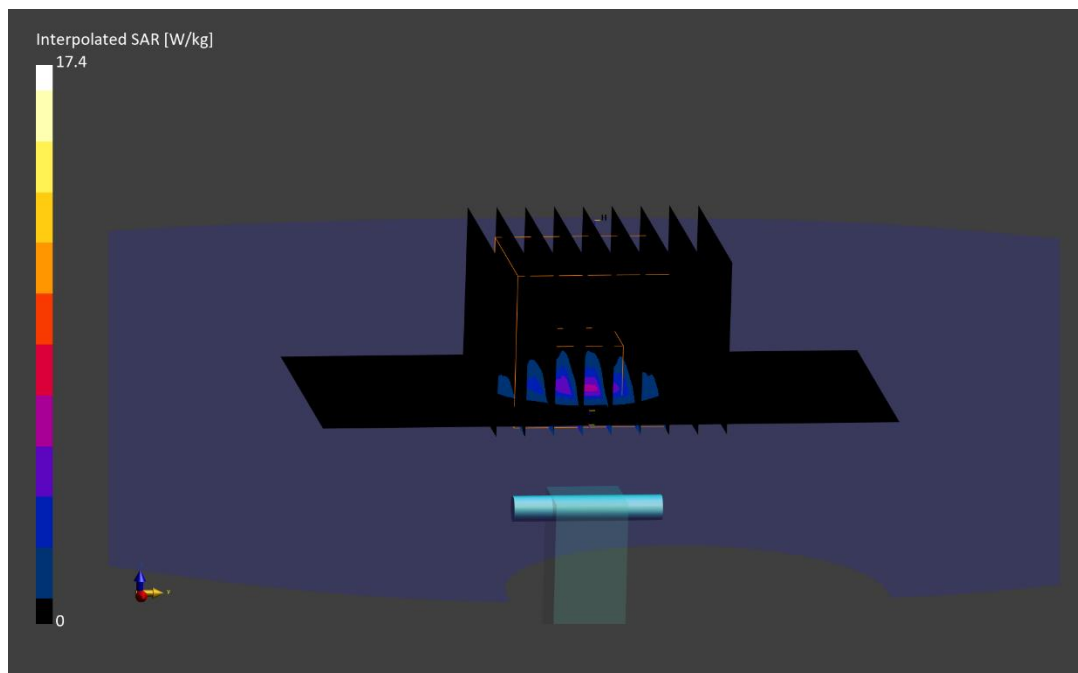
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.4 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = -0.49%; Deviation (10 g) = -1.29%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.000 MHz; cond = 5.13 S/m; perm = 34.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7402; ConvF:(4.1,4.4,4.13); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.2.4.2524

5750.0 MHz System Verification at 17.0 dBm (50 mW)

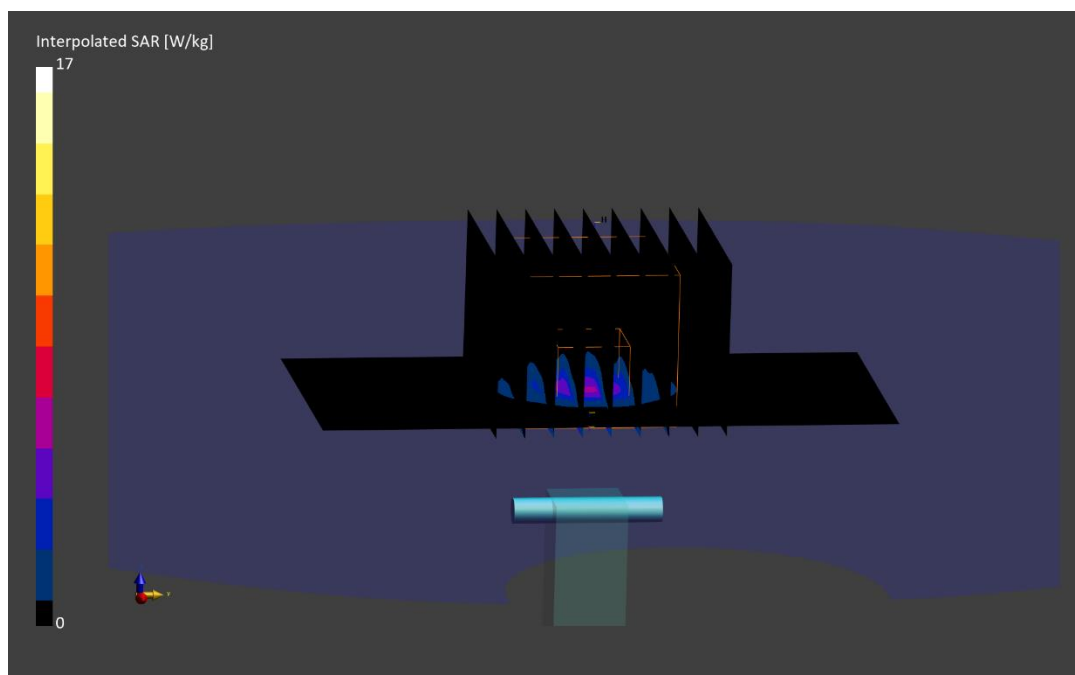
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 3.96 W/kg; SAR(10 g) = 1.13 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = 0.44%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.000 MHz; cond = 5.13 S/m; perm = 34.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF:(4.1,4.4,4.13); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

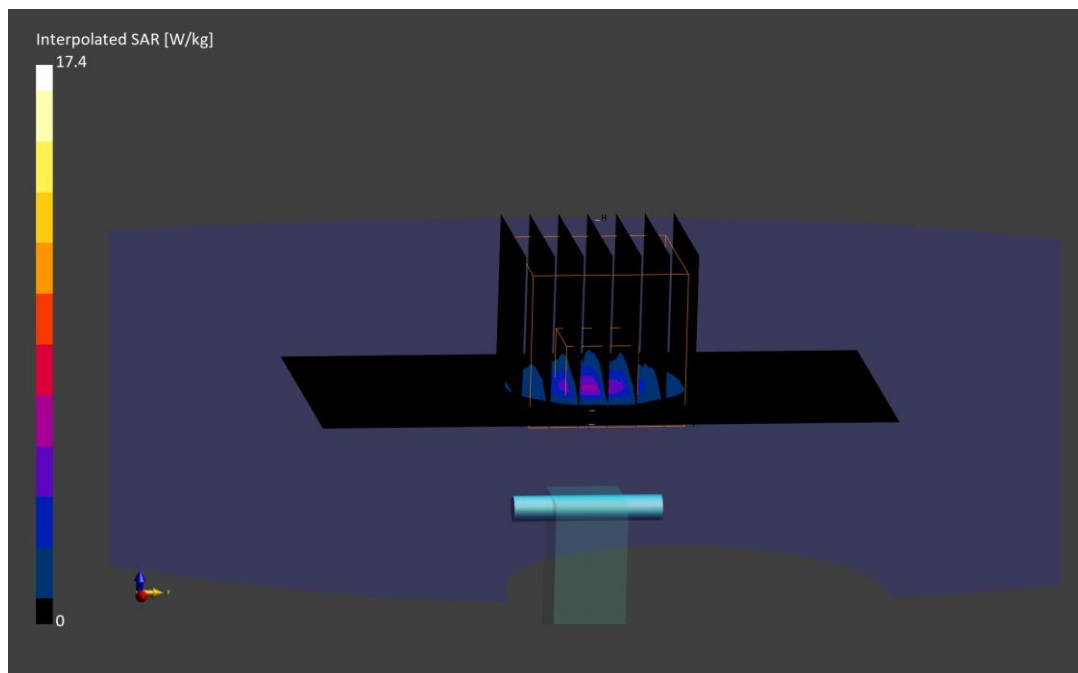
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.4 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = 0.51%; Deviation (10 g) = 1.33%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.000 MHz; cond = 5.39 S/m; perm = 34.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7402; ConvF:(4.1,4.4,4.13); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

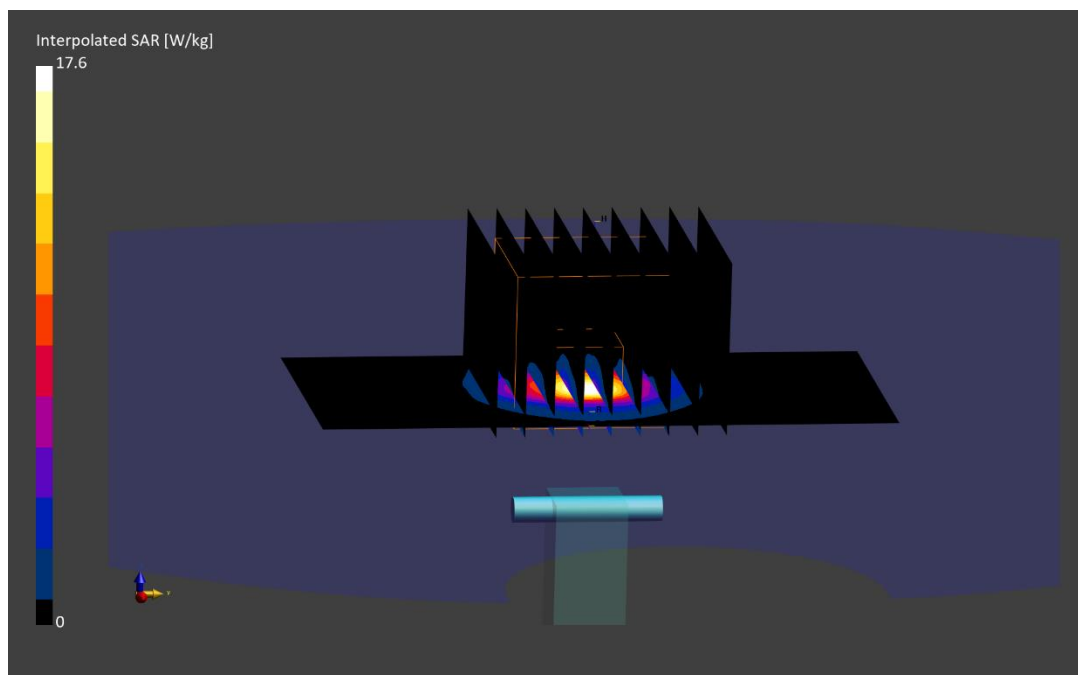
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.6 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 1.52%; Deviation (10 g) = 2.22%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5850.000 MHz; cond = 5.24 S/m; perm = 34.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 09/02/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7402; ConvF:(3.95,4.27,4.0); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.2.4.2524

5850.0 MHz System Verification at 17.0 dBm (50 mW)

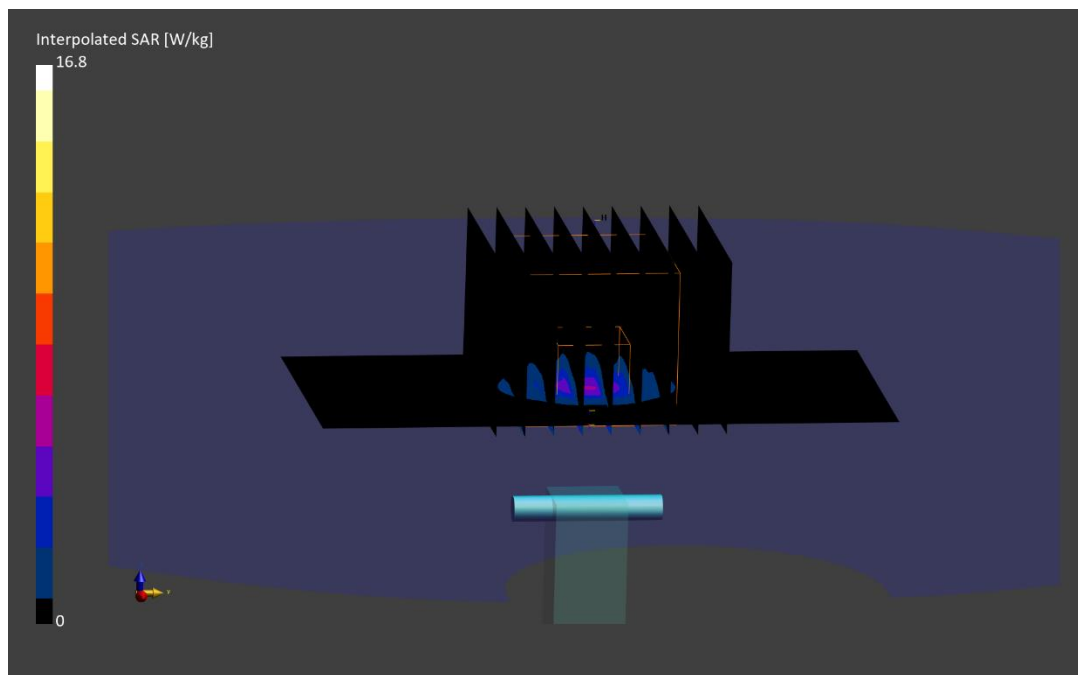
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = -5.22%; Deviation (10 g) = -5.26%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5850.000 MHz; cond = 5.25 S/m; perm = 34.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 09/09/2024; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF:(3.95,4.27,4.0); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

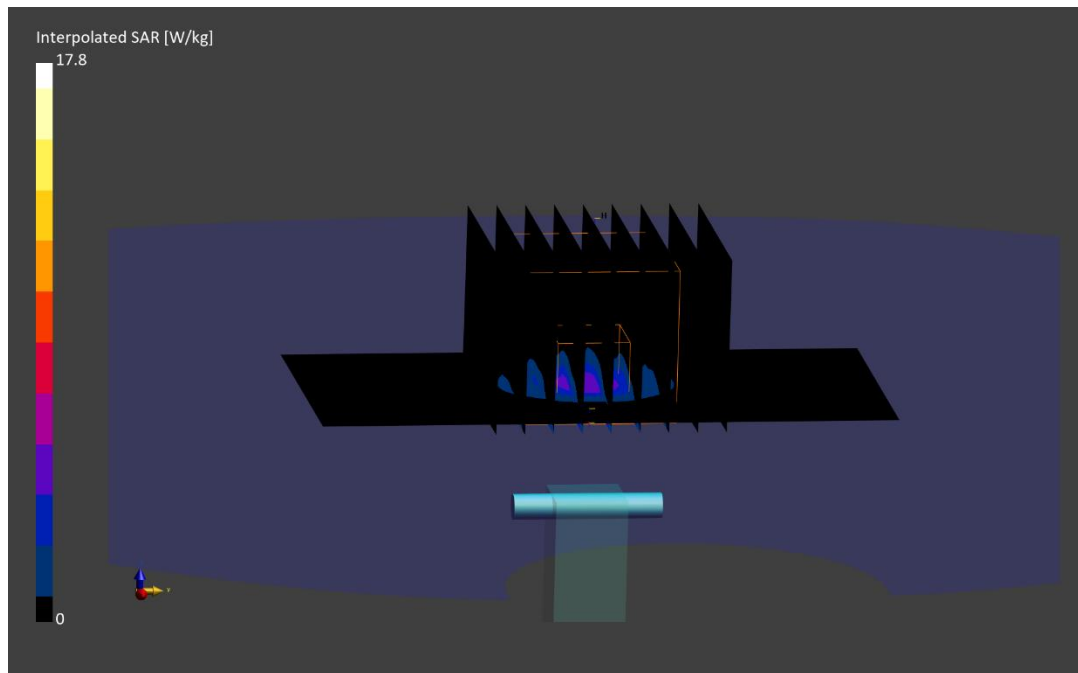
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 4.02 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = 0.88%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1237

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5850.000 MHz; cond = 5.54 S/m; perm = 34.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 10/28/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7402; ConvF:(3.95,4.27,4.0); 2024-05-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; 2024-05-08
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

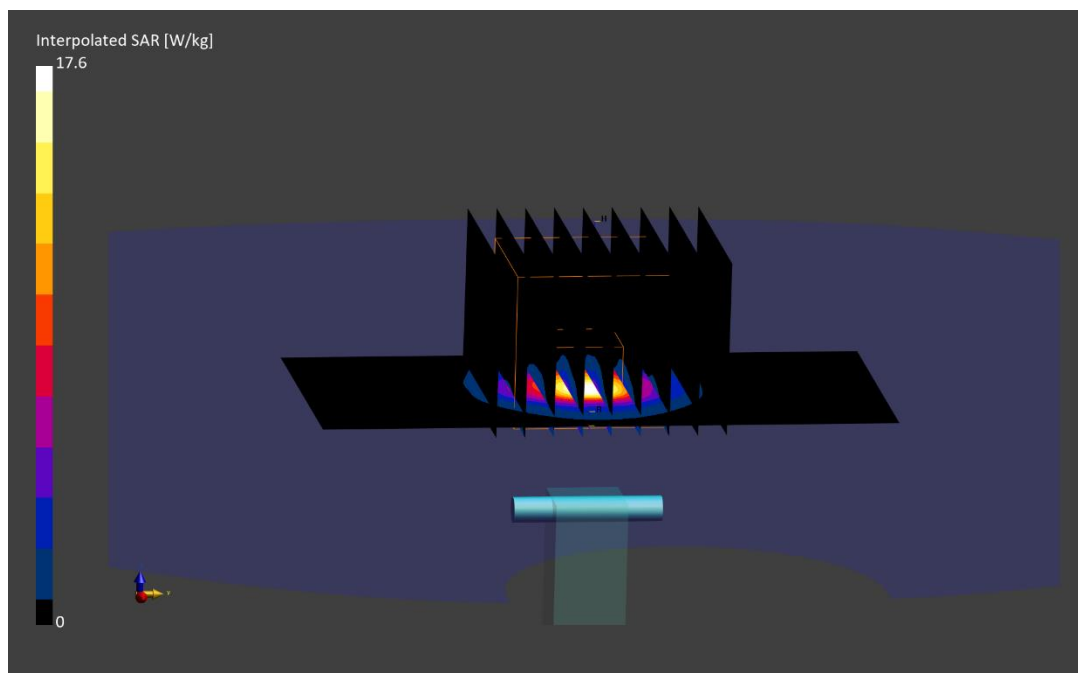
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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) = 17.6 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = -1.00%; Deviation (10 g) = 0.00%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1111

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: 6000 Head; Medium parameters used:
f = 6500.000 MHz; cond = 5.91 S/m; perm = 34.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 09/09/2024; Ambient Temp: 22.2°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7527; ConvF:(5.15,4.68,5.36); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; 2024-03-12
Phantom: Twin-SAM V8.0; Serial: 1979
Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

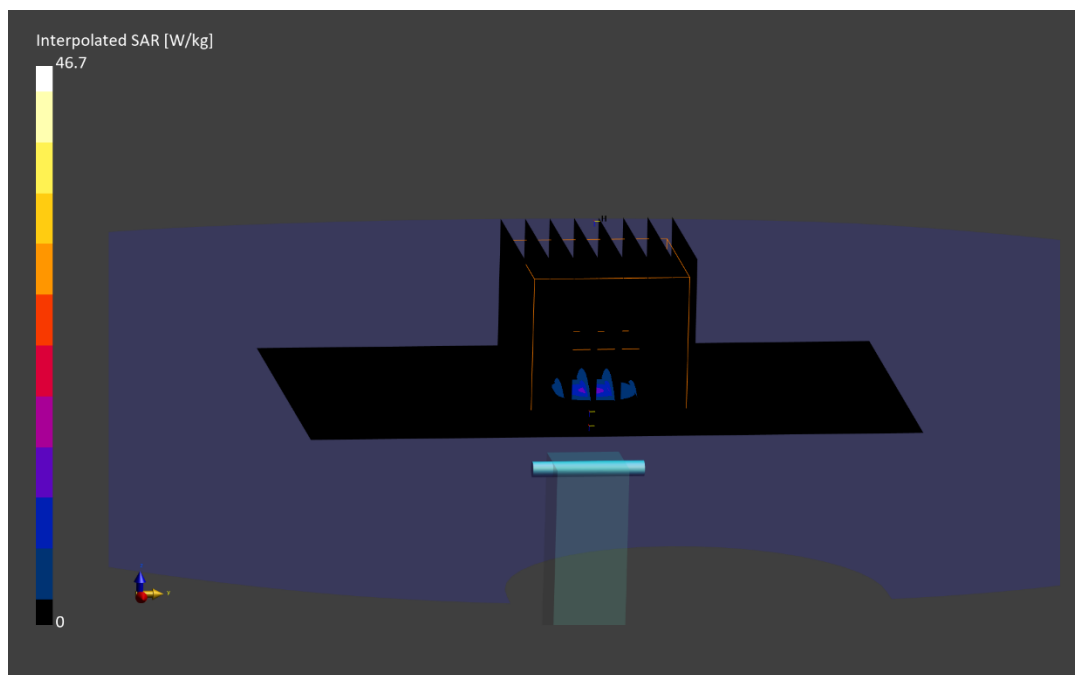
Area Scan (51.0 x 85.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 46.7 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 1.38 W/kg; APD(4.0 cm²) = 33.5 W/m²

Deviation (1 g) = 3.78%; Deviation (10 g) = 3.18%; Deviation (APD) = 3.08%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1019

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: 6000 Head; Medium parameters used:
f = 6500.000 MHz; cond = 5.86 S/m; perm = 34.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 09/23/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7421; ConvF:(5.35,5.35,5.35); 2024-03-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; 2024-03-06
Phantom: Twin-SAM V8.0; Serial: 2067
Measurement SW: DASY Module SAR V16.2.4.2524

6500.0 MHz System Verification at 14.0 dBm (25 mW)

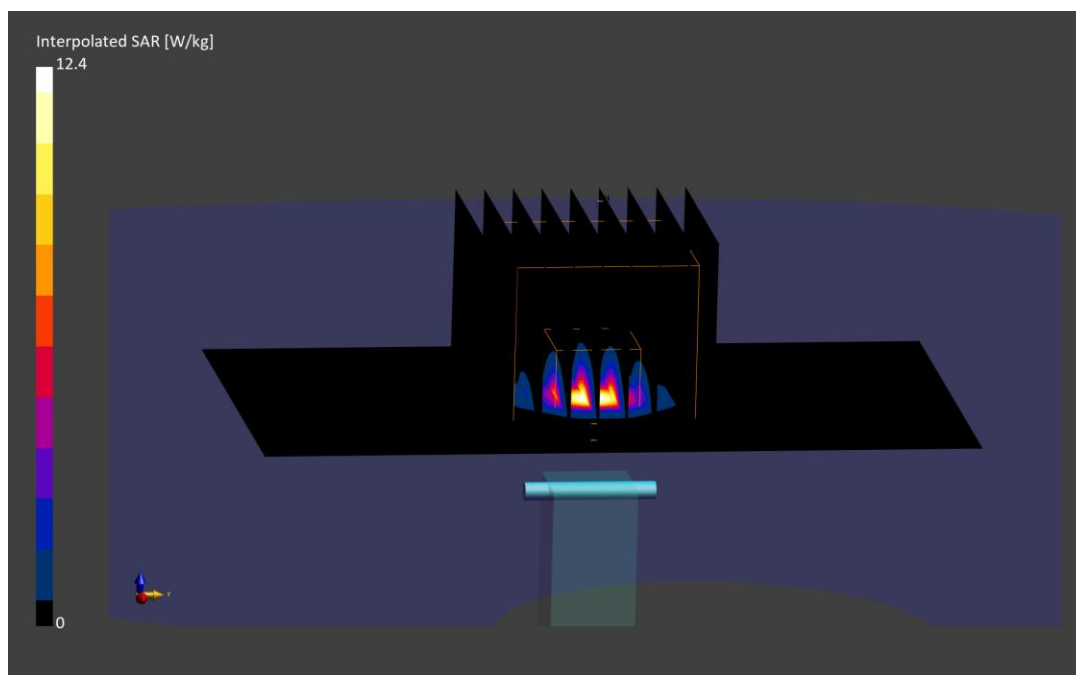
Area Scan (51.0 x 85.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 43.5 W/kg

SAR(1 g) = 7.17 W/kg; SAR(10 g) = 1.32 W/kg; APD(4 cm²) = 31.4 W/m²

Deviation (1 g) = -2.12%; Deviation (10 g) = -2.40%



ELEMENT

DUT: Dipole 8000.000 MHz; Type: D8GHzV2 - SN1007

Communication System: UID: 0, CW; Frequency: 8000.000 MHz
Medium: 6000 Head; Medium parameters used:
f = 8000.000 MHz; cond = 8.01 S/m; perm = 32.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 10/09/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7527; ConvF:(5.33,4.76,5.57); 2024-03-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; 2024-03-12
Phantom: Twin-SAM V8.0; Serial: 1979
Measurement SW: DASY Module SAR V16.4.0.5005

8000.0 MHz System Verification at 14.0 dBm (25 mW)

Area Scan (52.0 x 91.0): Measurement grid: dx=6.5 mm, dy=6.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.3 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 58.0 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 1.12 W/kg; APD(4 cm²) = 27.1 W/m²

Deviation (1 g) = -2.01%; Deviation (10 g) = -1.10%; Deviation (APD) = -2.34%



Date: 2024-09-15

Measurement Group

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9622, 2024-02-02	DAE4ip - SN1639, 2023-11-15

Software Setup

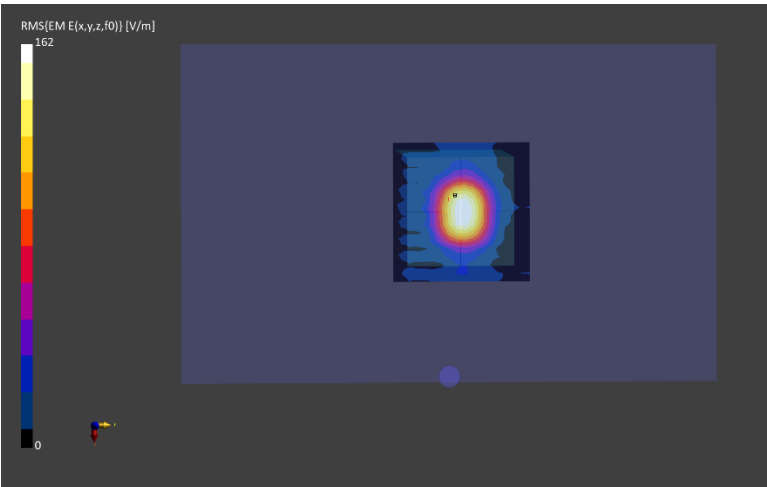
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	60.3
pS _n avg [W/m²]	59.9
E _{peak} [V/m]	161
Deviation [dB] pS _{tot}	0.41
Deviation [dB] pS _n	0.40



Date: 2024-10-14

Measurement Group

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1004

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9421, 2024-03-04	DAE4ip - SN1638, 2023-10-18

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	47.4
pS _n avg [W/m²]	47.2
E _{peak} [V/m]	143
Deviation [dB] pS _{tot}	-0.64
Deviation [dB] pS _n	-0.63

