

APPENDIX A: VERIFICATION PLOTS

ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1083

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1900 Head; Medium parameters used:
 $f = 1750.000$ MHz; $\text{cond} = 1.32$ S/m; $\text{perm} = 41.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/10/2025; Ambient Temp: 20.1°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7638; ConvF:(8.24,8.43,8.5); Calibrated: 2025-03-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2025-02-06
Phantom: Twin-SAM V5.0; Serial: 1692
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

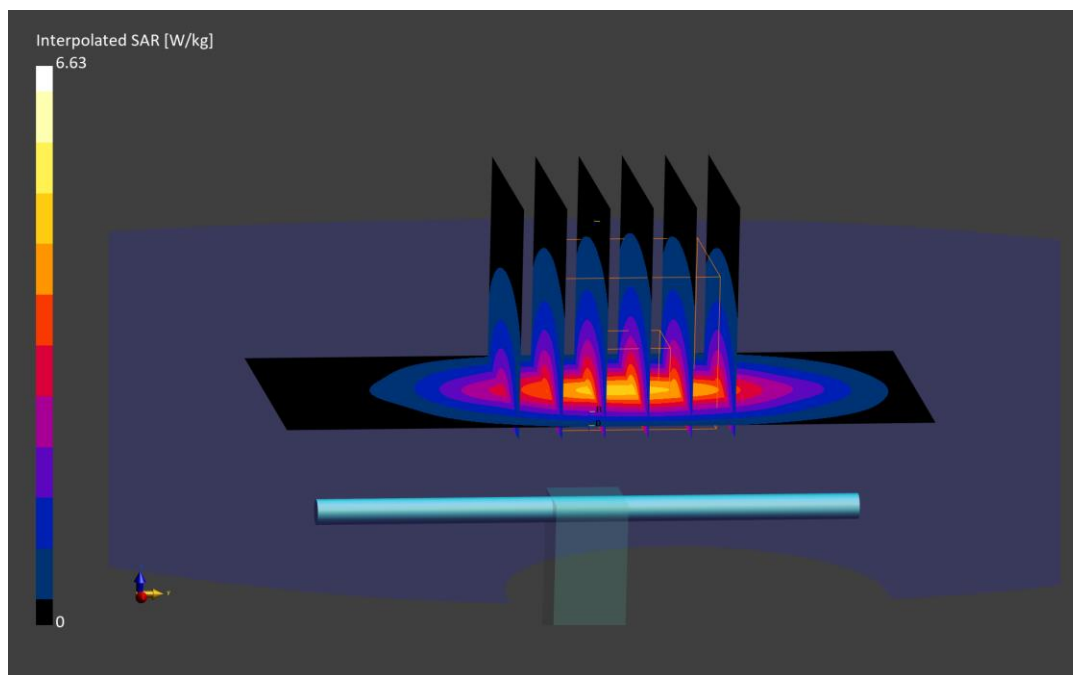
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.63 W/kg

SAR(1 g) = 3.75 W/kg

Deviation (1 g) = 2.74%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1040

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
 $f = 1750.000$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 38.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/18/2025; Ambient Temp: 20.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7421; ConvF:(7.44,8.39,7.85); Calibrated: 2025-03-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; Calibrated: 2025-03-06
Phantom: Twin-SAM V8.0; Serial: 1917
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

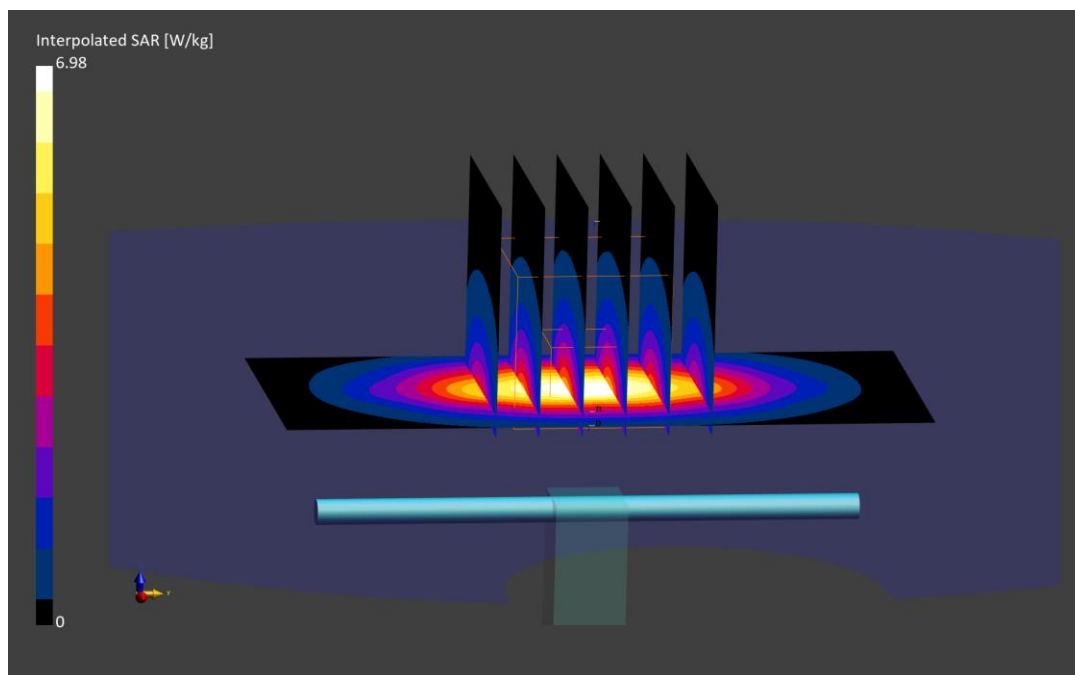
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.98 W/kg

SAR(1 g) = 3.75 W/kg

Deviation (1 g) = 3.31%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d131

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
 $f = 1900.000$ MHz; $\text{cond} = 1.44$ S/m; $\text{perm} = 39.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/30/2025; Ambient Temp: 20.8°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7552; ConvF:(7.12,7.89,7.68); Calibrated: 2025-05-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2025-05-13
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

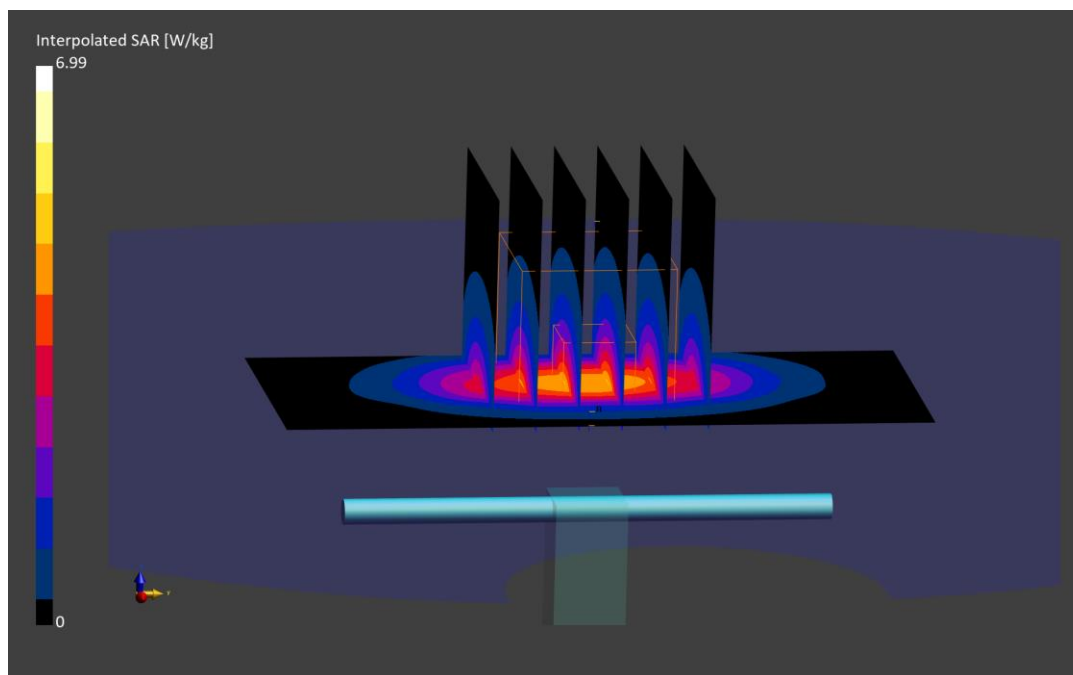
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.99 W/kg

SAR(1 g) = 3.83 W/kg

Deviation (1 g) = -3.77%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1068

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 1900 Head; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.89$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/19/2025; Ambient Temp: 21.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7638; ConvF:(7.35,7.52,7.58); Calibrated: 2025-03-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2025-02-06
Phantom: Twin-SAM V5.0; Serial: 1692
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

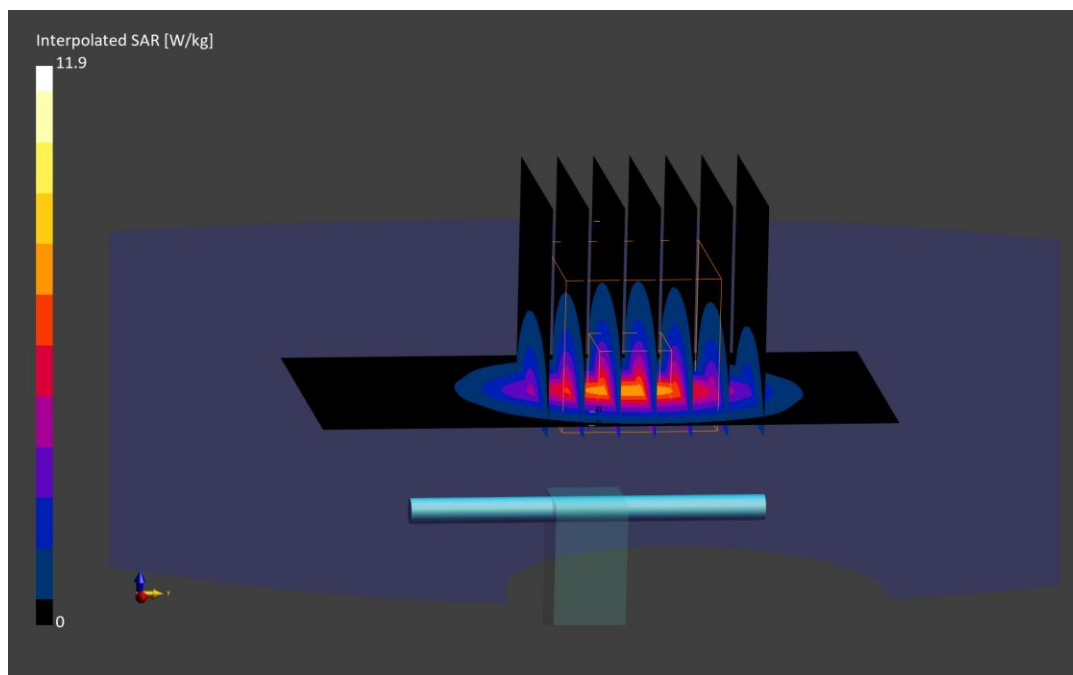
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): 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) = 5.75 W/kg

Deviation (1 g) = 2.50%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1068

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 1900 Head; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.89$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/23/2025; Ambient Temp: 20.5°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7638; ConvF:(7.35,7.52,7.58); Calibrated: 2025-03-06
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2025-02-06
Phantom: Twin-SAM V5.0; Serial: 1692
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

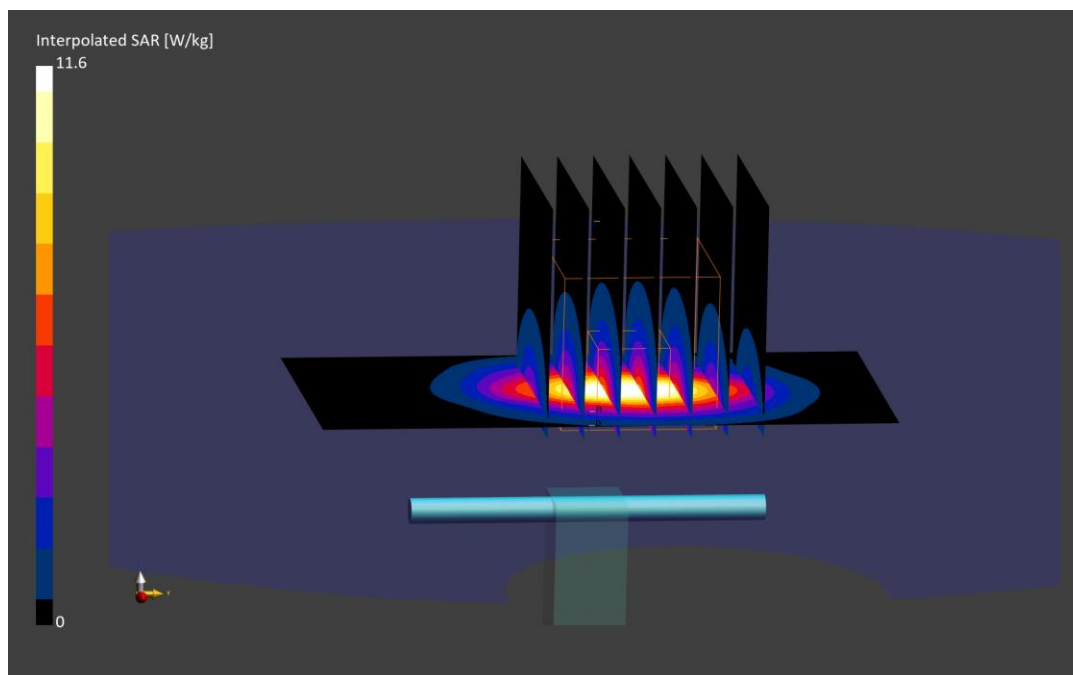
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): 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) = 5.55 W/kg

Deviation (1 g) = -1.07%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1126

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3500.000$ MHz; $\text{cond} = 2.78$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/12/2025; Ambient Temp: 21.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7552; ConvF:(5.94,6.58,6.41); Calibrated: 2025-05-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2025-05-13
Phantom: Twin-SAM V8.0; Serial: 1944
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

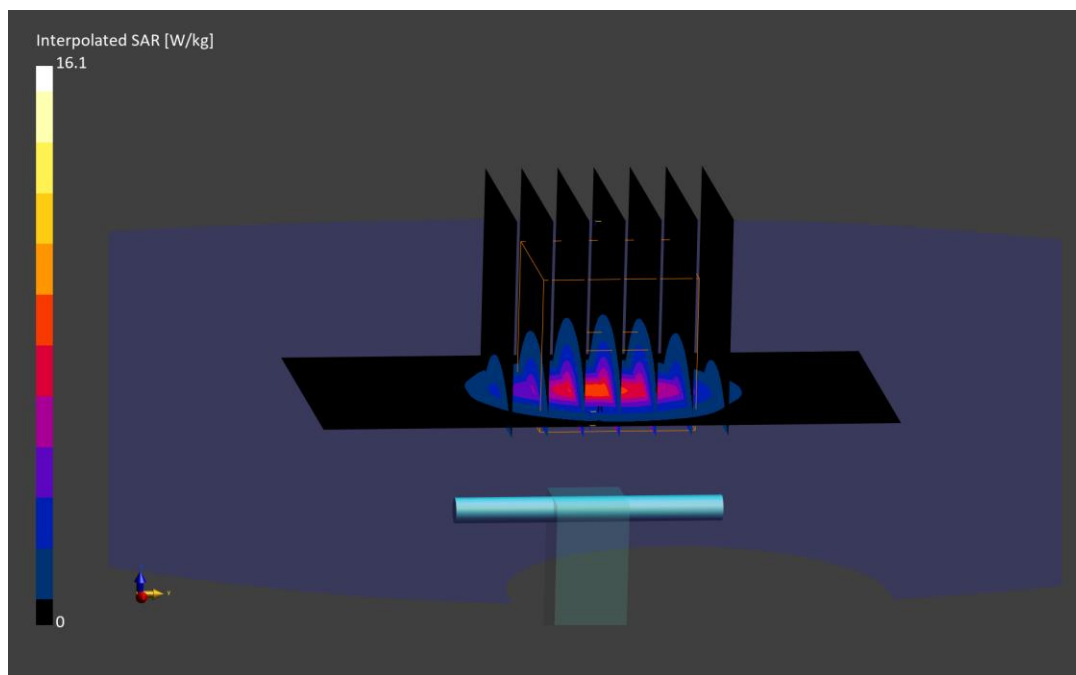
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 6.45 W/kg

Deviation (1 g) = -2.57%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1062

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3900.000$ MHz; $\text{cond} = 3.26$ S/m; $\text{perm} = 36.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/27/2025; Ambient Temp: 22.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7552; ConvF:(5.68,6.3,6.13); Calibrated: 2025-05-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2025-05-13
Phantom: Twin-SAM V8.0; Serial: 1944
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 (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 20.1 W/kg

SAR(1 g) = 7.30 W/kg

Deviation (1 g) = 6.26%

