

APPENDIX B: VERIFICATION PLOTS

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; $\text{cond} = 1.74$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 02/17/2026; Ambient Temp: 19.2°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.98,6.91,7.1); Calibrated: 2025-04-16

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

Electronics: DAE4 Sn1323; Calibrated: 2025-04-15

Phantom: Twin-SAM V5.0; Serial: 1647

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

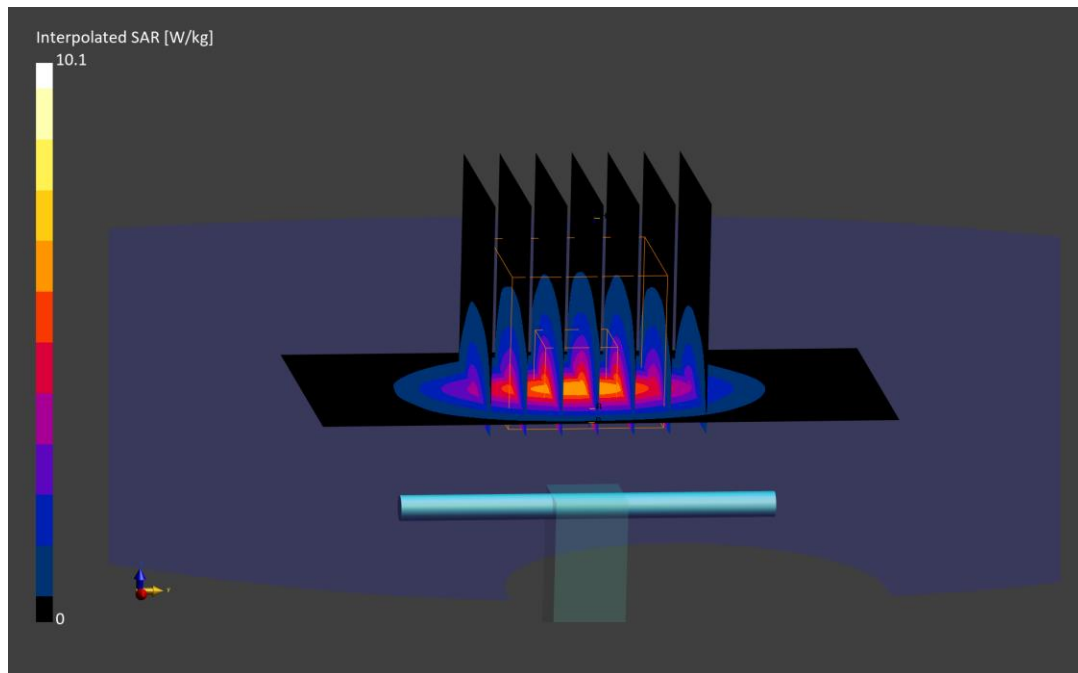
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): 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) = 5.05 W/kg; SAR(10 g) = 2.38 W/kg

Deviation (1 g) = -5.25%; Deviation (10 g) = -5.18%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN921

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 38.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 02/19/2026; Ambient Temp: 22.3°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7420; ConvF:(7.39,6.77,7.65); Calibrated: 2025-10-09

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

Electronics: DAE4 Sn1408; Calibrated: 2025-10-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

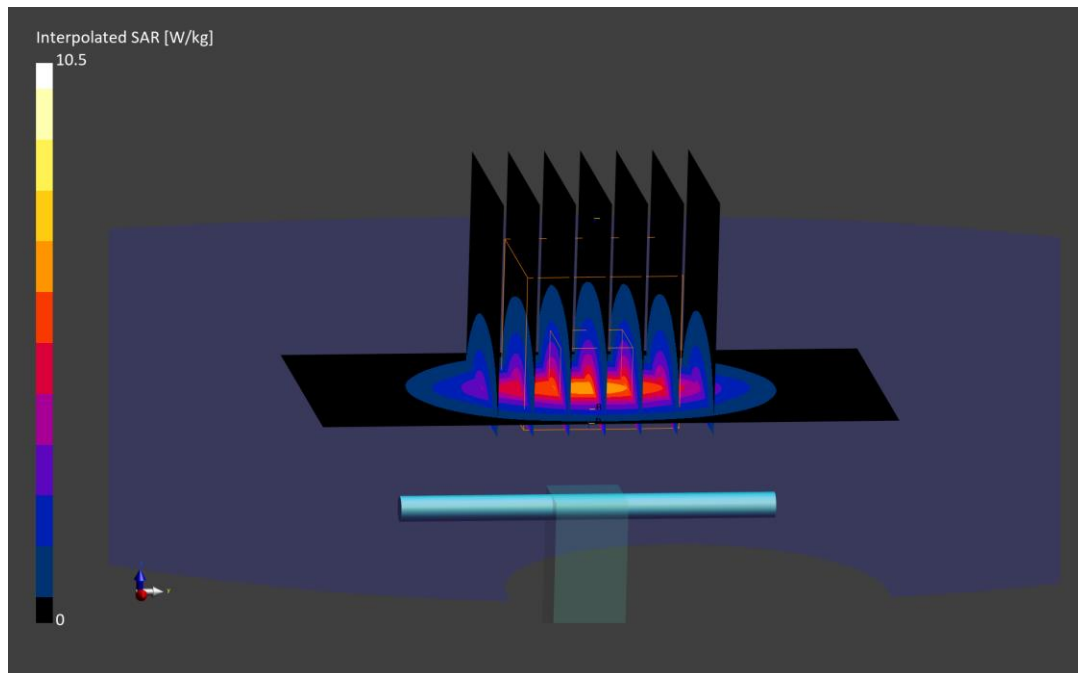
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): 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) = 5.04 W/kg; SAR(10 g) = 2.31 W/kg

Deviation (1 g) = -3.45%; Deviation (10 g) = -4.94%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1066

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5250.000$ MHz; $\text{cond} = 4.50$ S/m; $\text{perm} = 36.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 02/15/2026; Ambient Temp: 20.9°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7490; ConvF:(5.24,5.35,5.52); Calibrated: 2025-12-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

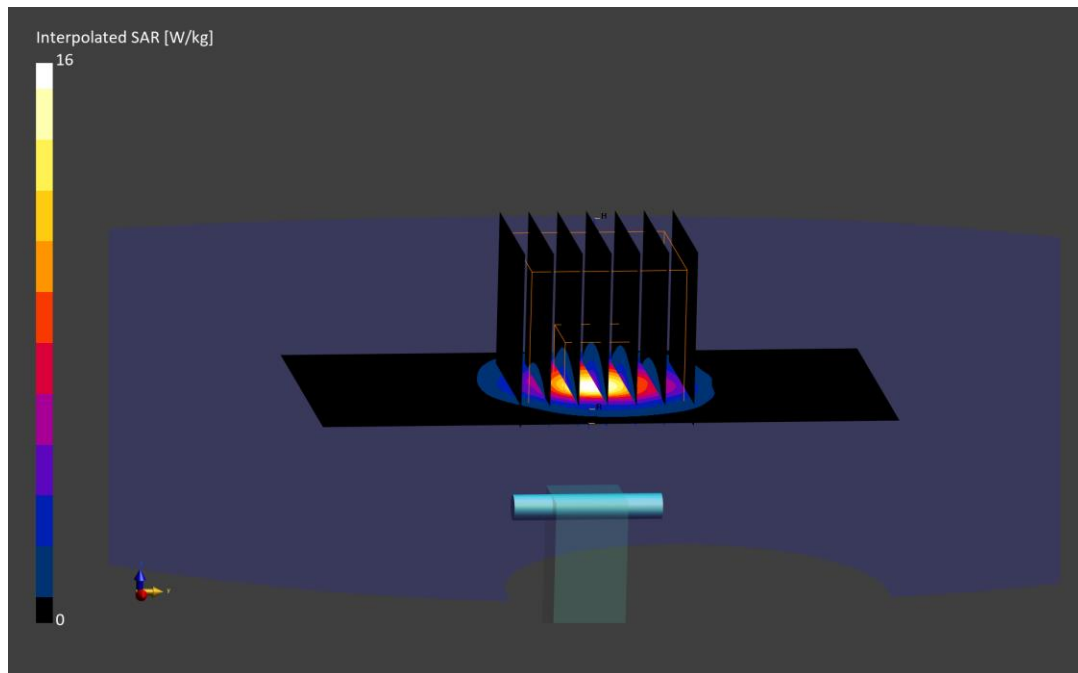
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 4.05 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 3.98%; Deviation (10 g) = 4.00%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1066

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5600.000$ MHz; $\text{cond} = 4.90$ S/m; $\text{perm} = 35.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 02/15/2026; Ambient Temp: 20.9°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7490; ConvF:(4.77,4.87,5.03); Calibrated: 2025-12-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

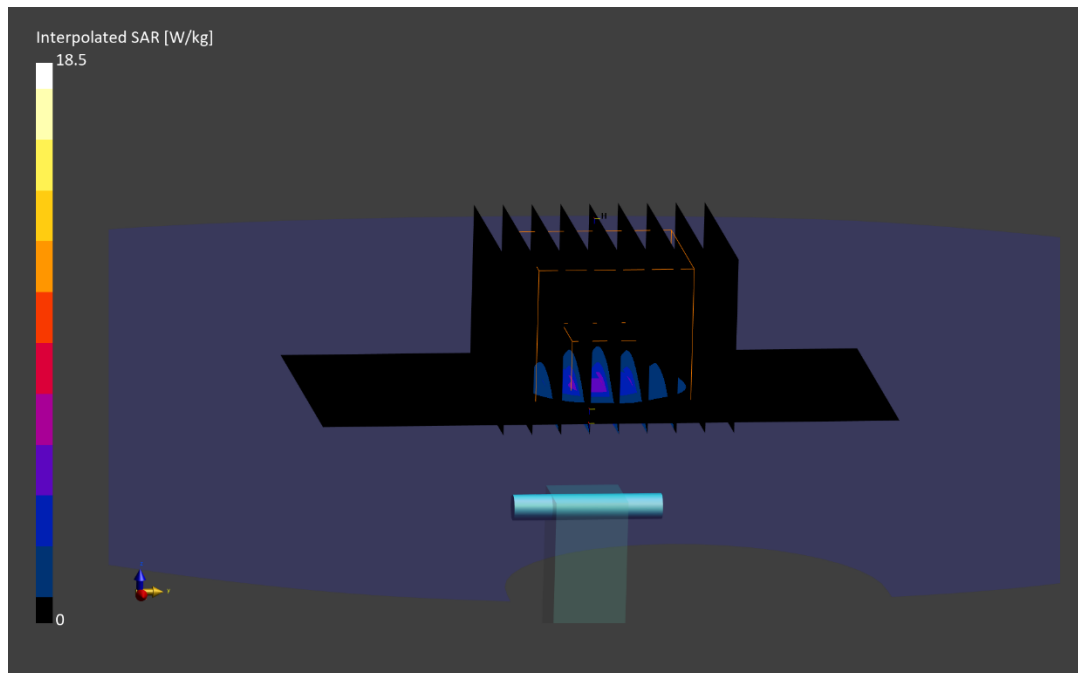
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 4.36 W/kg; SAR(10 g) = 1.24 W/kg

Deviation (1 g) = 6.60%; Deviation (10 g) = 4.64%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1066

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5750.000$ MHz; $\text{cond} = 5.07$ S/m; $\text{perm} = 35.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 02/15/2026; Ambient Temp: 20.9°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7490; ConvF:(4.92,5.02,5.19); Calibrated: 2025-12-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

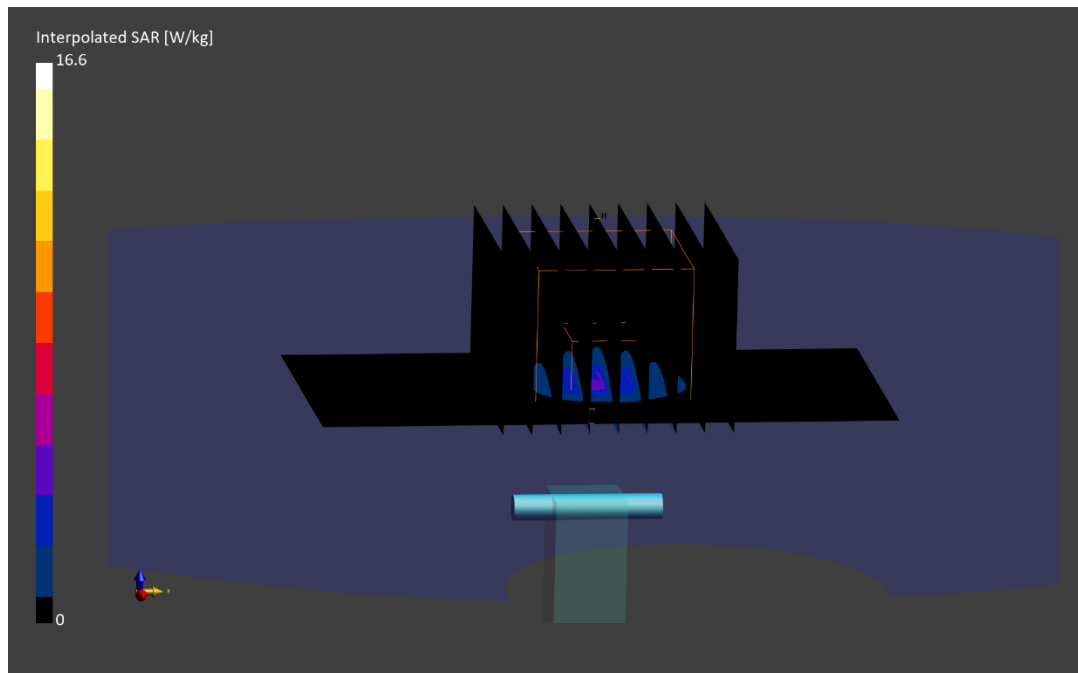
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): 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) = 3.79 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = -6.07%; Deviation (10 g) = -6.90%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1066

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5850.000$ MHz; $\text{cond} = 5.19$ S/m; $\text{perm} = 34.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 02/15/2026; Ambient Temp: 20.9°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7490; ConvF:(4.69,4.79,4.95); Calibrated: 2025-12-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03
Phantom: Twin-SAM V8.0; Serial: 2070
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 (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = 5.43%; Deviation (10 g) = 4.50%

