APPENDIX A: VERIFICATION PLOTS

ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1191

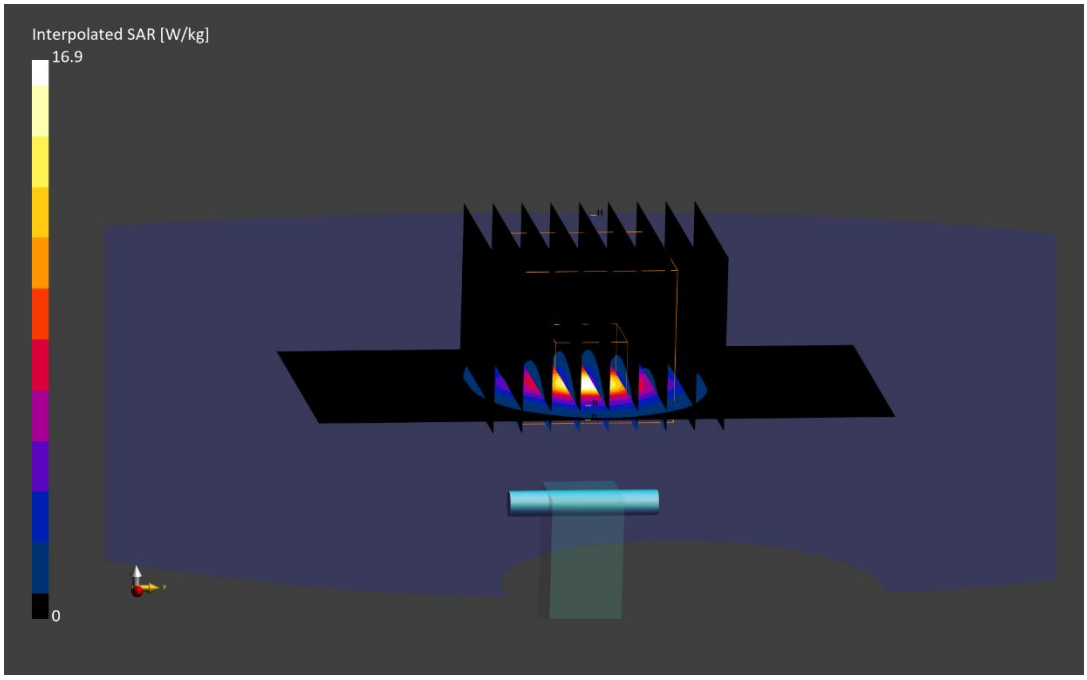
Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 5750.000 MHz; cond = 5.18 S/m; perm = 35.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 06/09/2025; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(4.79,4.89,4.98); 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

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) = 16.9 W/kg
SAR(1 g) = 3.85 W/kg
Deviation (1 g) = -2.41%



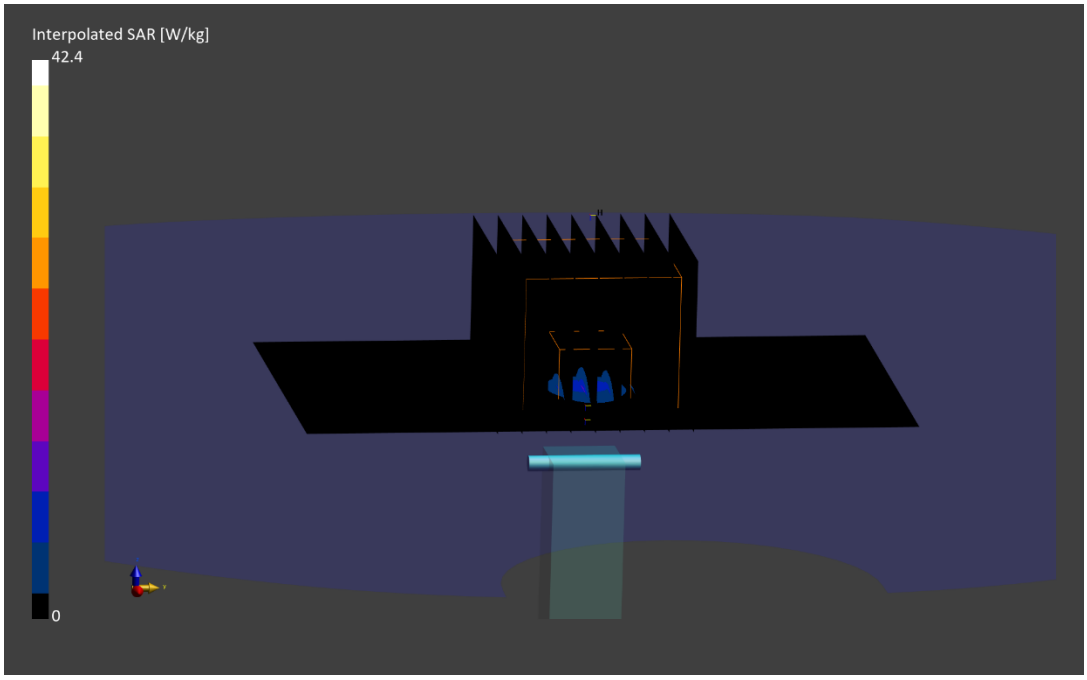
ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1018

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 6500.000 MHz; cond = 5.83 S/m; perm = 33.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 5 mm

Test Date: 06/10/2025; Ambient Temp: 24.2°C; Tissue Temp: 23.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); 2025-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4ip Sn1638; 2025-02-07
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 (27.2 x 27.2 x 22.9): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 42.4 W/kg
SAR(1 g) = 6.83 W/kg
Deviation (1 g) = -6.44%