

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 750 MHz Head
System Performance Check 1750 MHz Head
System Performance Check 1950 MHz Head

System Performance Check 750 MHz Head

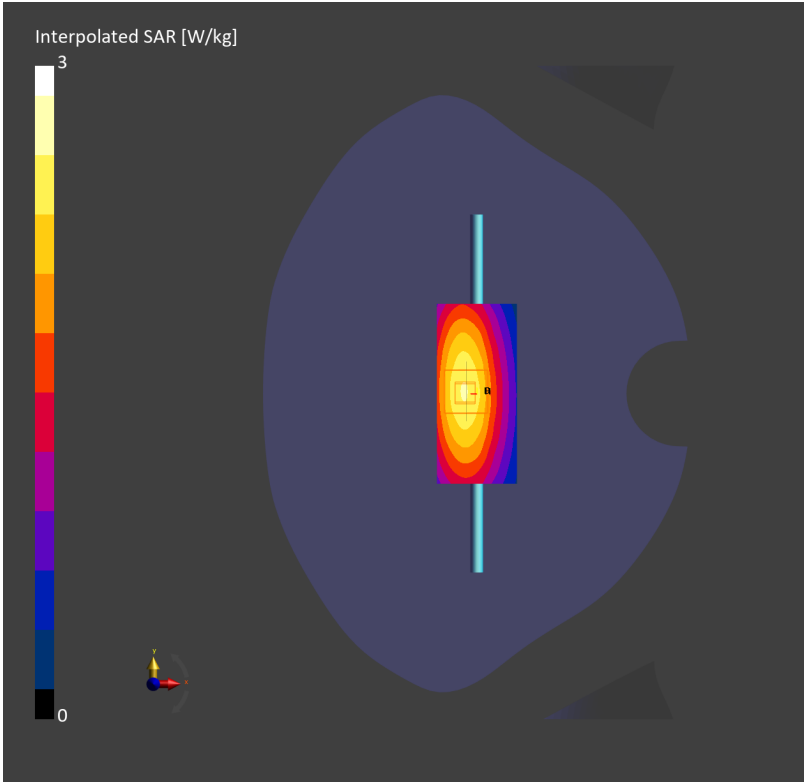
D750V3-SN 1160

Communication System: ; Frequency: 750.000
Medium: Head Simulating Liquid. Medium parameters used: $f=750.000\text{ MHz}$; $\sigma=0.880\text{ S/m}$; $\epsilon_r=42.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.71, 10.71, 10.71); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 2.20 W/kg; SAR (10g) = 1.49 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.04 dB
SAR (1g) = 2.22 W/kg; SAR (10g) = 1.47 W/kg;
M2/M1 [%]=81.3
Dist 3dB Peak [mm]=> 15.0



System Performance Check 1750 MHz Head

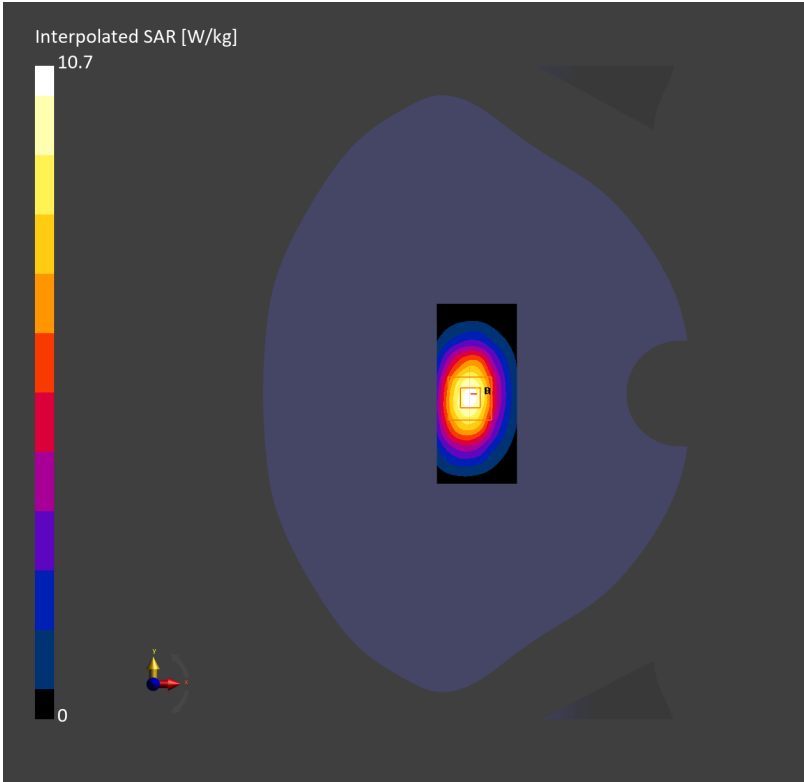
D1750V2-SN 1149

Communication System: ; Frequency: 1750.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1750.000$ MHz; $\sigma= 1.32$ S/m; $\epsilon_r = 40.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.75, 8.75, 8.75); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 8.43 W/kg; SAR (10g) = 4.74 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.05 dB
SAR (1g) = 8.69 W/kg; SAR (10g) = 4.73 W/kg;
M2/M1 [%]=77.2
Dist 3dB Peak [mm]=12.0



System Performance Check 1950 MHz Head

D1950V3-SN 1138

Communication System: ; Frequency: 1950.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1950.000 MHz; σ = 1.41 S/m; ϵ_r = 40.2

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.4, 8.4, 8.4); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 10.5 W/kg; SAR (10g) = 5.66 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.06 dB
SAR (1g) = 10.9 W/kg; SAR (10g) = 5.59 W/kg;
M2/M1 [%]=76.5
Dist 3dB Peak [mm]=9.9

