

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 835 MHz
System Performance Check 1750 MHz
System Performance Check 1950 MHz
System Performance Check 2450 MHz
System Performance Check 2600 MHz

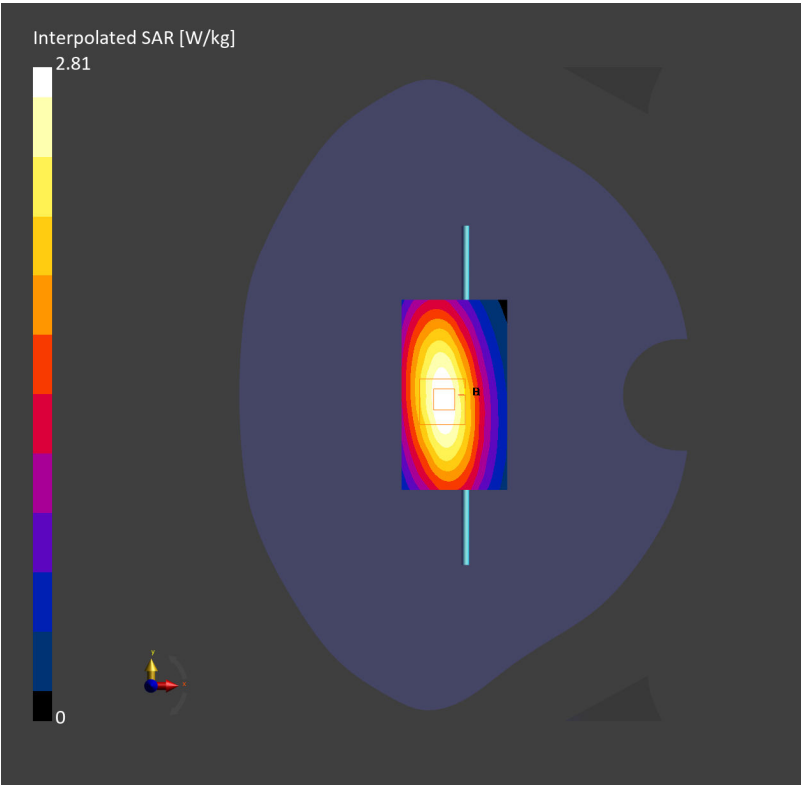
System Performance Check 835MHz

Communication System: ; Frequency: 835.000
Medium: HSL. Medium parameters used: $f= 835.000$ MHz; $\sigma= 0.894$ S/m; $\epsilon_r = 40.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(8.27, 8.61, 8.46); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - 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) = 2.44 W/kg; SAR (10g) = 1.60 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 = 0.00 dB
SAR (1g) = 2.44 W/kg; SAR (10g) = 1.61 W/kg;
M2/M1 [%] 89.1
Dist 3dB Peak [mm] 15.7



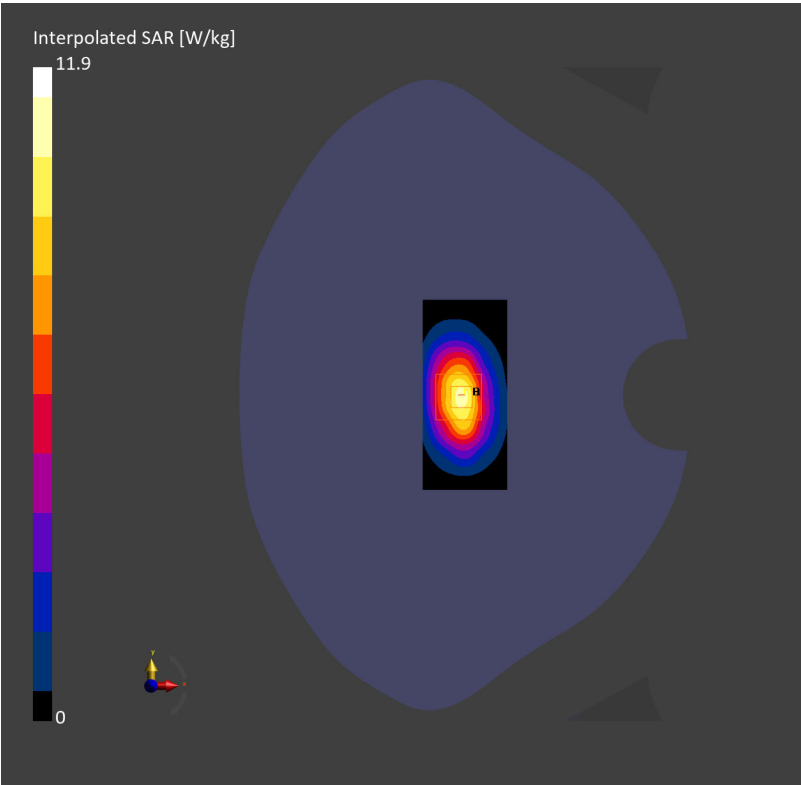
System Performance Check 1750MHz

Communication System: ; Frequency: 1750.000
Medium: HSL. Medium parameters used: $f= 1750.000$ MHz; $\sigma= 1.38$ S/m; $\epsilon_r = 40.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(7.63, 7.94, 7.8); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - 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) = 4.56 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 = -0.09 dB
SAR (1g) = 8.92 W/kg; SAR (10g) = 4.94 W/kg;
M2/M1 [%] 83.8
Dist 3dB Peak [mm] 9.9



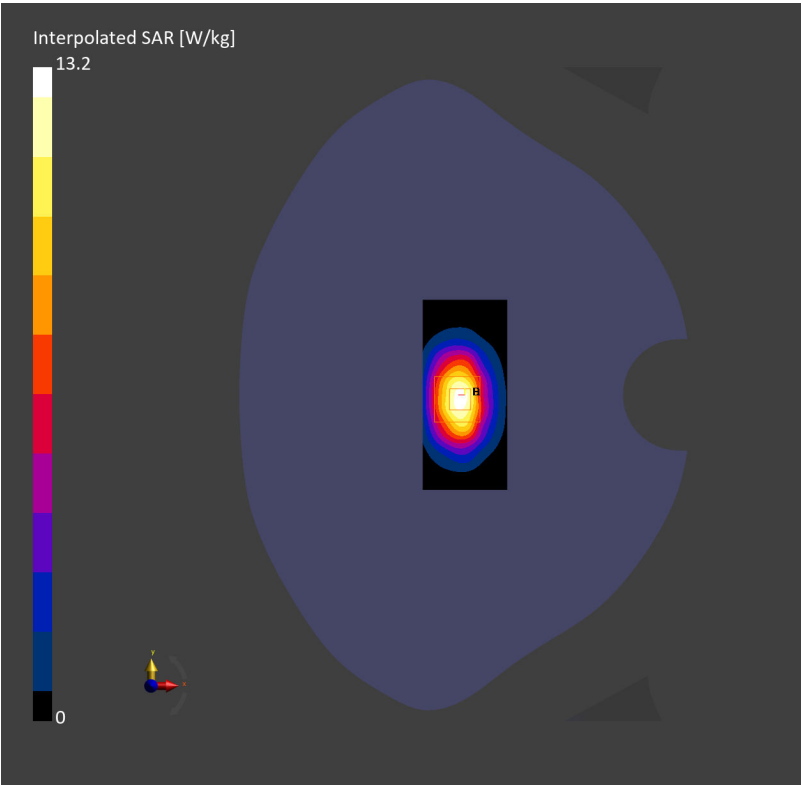
System Performance Check 1950MHz

Communication System: ; Frequency: 1950.000
Medium: HSL. Medium parameters used: $f= 1950.000$ MHz; $\sigma= 1.42$ S/m; $\epsilon_r = 39.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(7.46, 7.77, 7.63); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - 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) = 10.3 W/kg; SAR (10g) = 5.37 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 = -0.01 dB
SAR (1g) = 10.3 W/kg; SAR (10g) = 5.39 W/kg;
M2/M1 [%] 84.3
Dist 3dB Peak [mm] 9.9



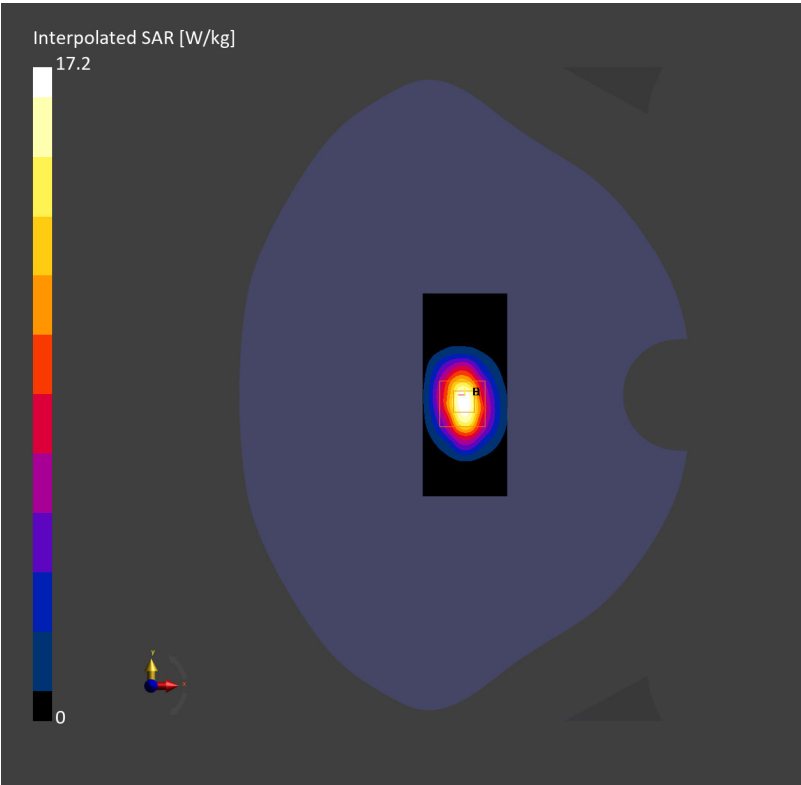
System Performance Check 2450MHz

Communication System: ; Frequency: 2450.000
Medium: HSL. Medium parameters used: $f= 2450.000$ MHz; $\sigma= 1.82$ S/m; $\epsilon_r = 39.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(6.91, 7.19, 7.06); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm
SAR (1g) = 13.1 W/kg; SAR (10g) = 6.17 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.11 dB
SAR (1g) = 13.2 W/kg; SAR (10g) = 6.29 W/kg;
M2/M1 [%] 82.9
Dist 3dB Peak [mm] 8.0



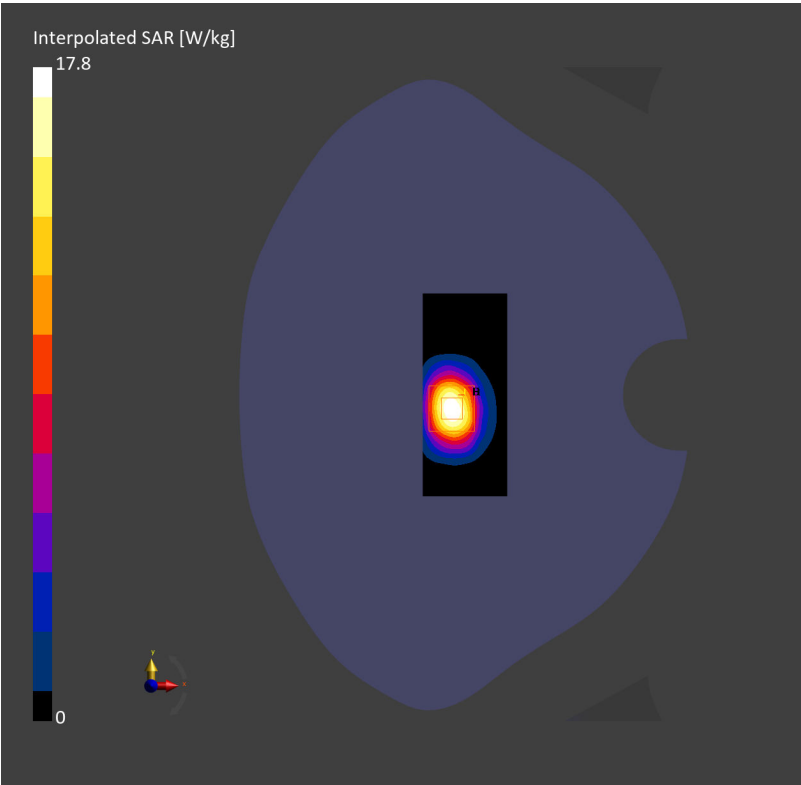
System Performance Check 2600MHz

Communication System: ; Frequency: 2600.000
Medium: HSL. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 1.98$ S/m; $\epsilon_r = 38.8$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(6.78, 7.05, 6.93); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm
SAR (1g) = 13.5 W/kg; SAR (10g) = 5.92 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 13.9 W/kg; SAR (10g) = 6.28 W/kg;
M2/M1 [%] 80.7
Dist 3dB Peak [mm] 8.6





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