

Appendix A

Detailed System Check Results

1. System Performance Check

System Performance Check 2450 MHz Head



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System Performance Check 2450MHz Head

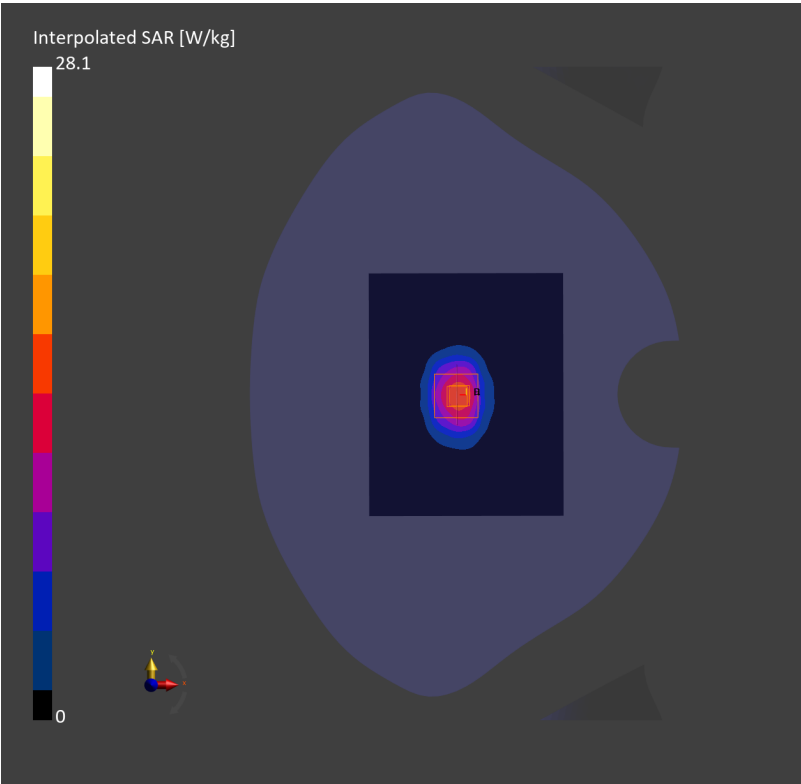
D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000
Medium: HSL. Medium parameters used: $f=2450.000$ MHz; $\sigma=1.86$ S/m; $\epsilon_r=38.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (96.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 13.0 W/kg; SAR (10g) = 6.35 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 5.0 mm
Power Drift = -0.01 dB
SAR (1g) = 14.1 W/kg; SAR (10g) = 6.57 W/kg;



System Performance Check 2450 MHz Head

D2450V2-SN 733

Communication System: ; Frequency: 2450.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2450.000 MHz; σ = 1.73 S/m; ϵ_r = 38.8

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); 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 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm
SAR (1g) = 12.7 W/kg; SAR (10g) = 5.98 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 = -0.08 dB
SAR (1g) = 13.1 W/kg; SAR (10g) = 6.05 W/kg;
M2/M1 [%]=75.9
Dist 3dB Peak [mm]=8.4

