

Appendix D

Detailed System Check Results

1. System Performance Check
System Performance Check 835 MHz Head
System Performance Check 1750 MHz Head
System Performance Check 1950 MHz Head



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System Performance Check 835MHz Head**D835V2-SN 4d105**

Communication System: ; Frequency: 835.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 835.000$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 41.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 2.59 W/kg; SAR (10g) = 1.70 W/kg;

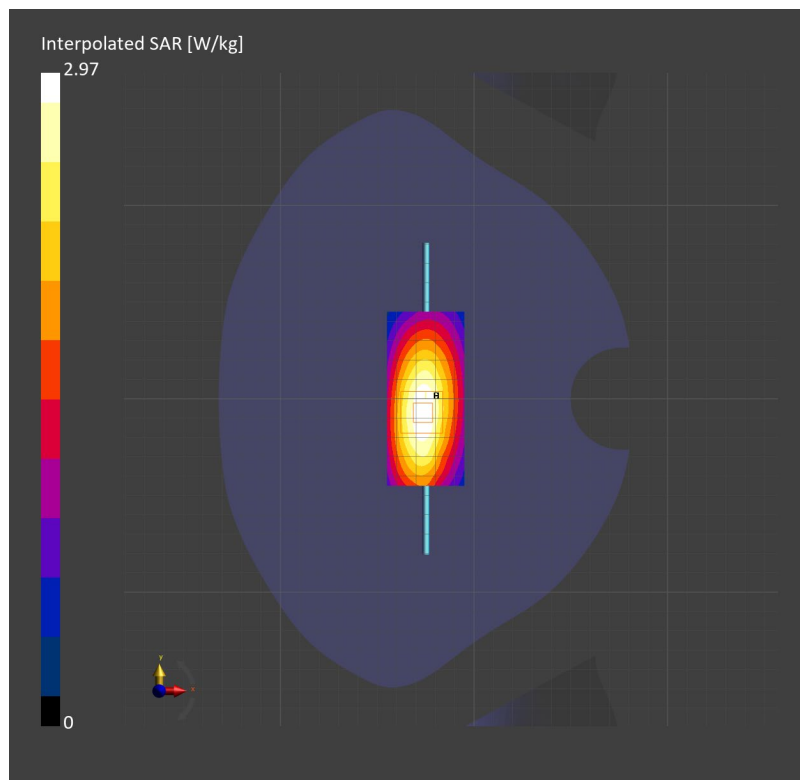
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 2.59 W/kg; SAR (10g) = 1.72 W/kg;

M2/M1 [%]=89.3

Dist 3dB Peak [mm]=16.8



System Performance Check 1750MHz Head**D1750V2-SN 1149**

Communication System: ; Frequency: 1750.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1750.000$ MHz; $\sigma=1.40$ S/m; $\epsilon_r=40.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 9.58 W/kg; SAR (10g) = 5.23 W/kg;

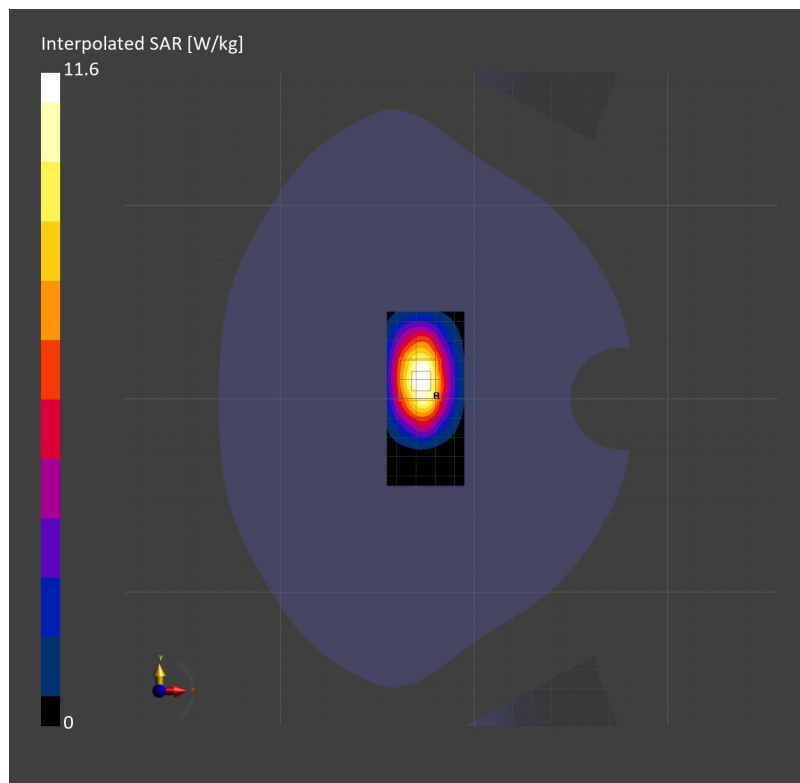
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.00 dB

SAR (1g) = 9.78 W/kg; SAR (10g) = 5.20 W/kg;

M2/M1 [%]=80.0

Dist 3dB Peak [mm]=10.8



System Performance Check 1950MHz Head

D1950V3-SN 1138

Communication System: ; Frequency: 1950.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1950.000$ MHz; $\sigma= 1.38$ S/m; $\epsilon_r = 40.6$

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2025-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 10.7 W/kg; SAR (10g) = 5.45 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) = 10.9 W/kg; SAR (10g) = 5.69 W/kg;
M2/M1 [%]=84.0
Dist 3dB Peak [mm]=8.8

