

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check for 2450 MHz Body
System Performance Check for 5250 MHz Body
System Performance Check for 5600 MHz Body
System Performance Check for 5750 MHz Body



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SGS-SAR LabDate: 2024-08-30

System Performance Check 2450MHz Head

D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 38.4$

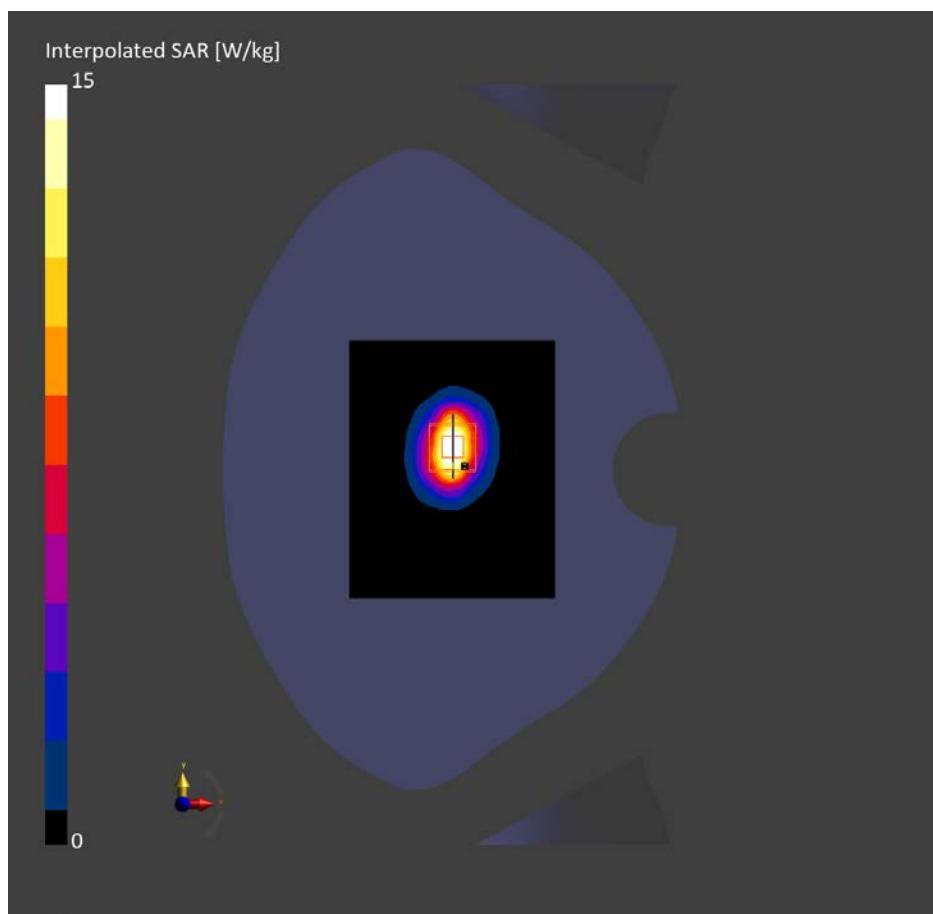
DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- 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) = 12.7 W/kg; SAR (10g) = 5.91 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 = 0.00 dB
SAR (1g) = 12.69 W/kg; SAR (10g) = 6.05 W/kg;



SGS-SAR LabDate: 2024-10-08

System Performance Check 5250 MHz Head

D5GHzV2-SN 1165

Communication System: D5GHz; Frequency: 5250.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.66$ S/m; $\epsilon_r = 36.7$

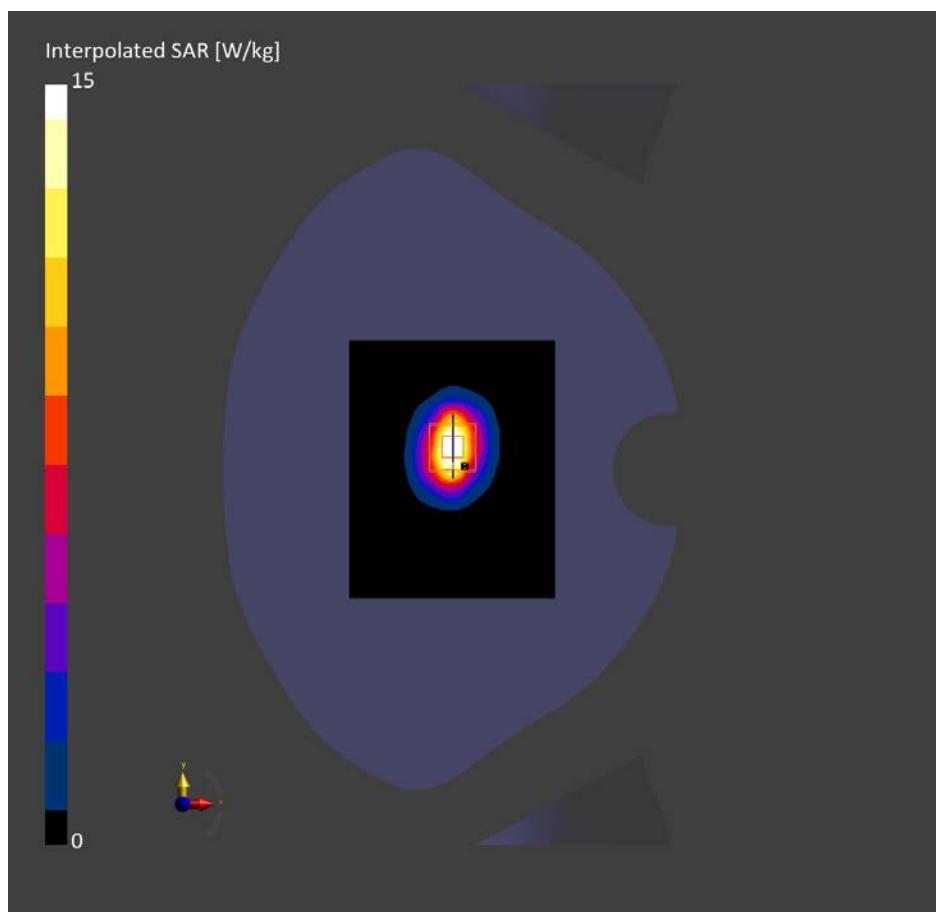
DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.6, 5.6, 5.6); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.45 W/kg; SAR (10g) = 2.11 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = 0.06 dB
SAR (1g) = 7.82 W/kg; SAR (10g) = 2.35 W/kg;



SGS-SAR LabDate: 2024-10-09

System Performance Check 5600 MHz Head

D5GHzV2-SN 1165

Communication System: D5GHz; Frequency: 5600.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.05$ S/m; $\epsilon_r = 35.7$

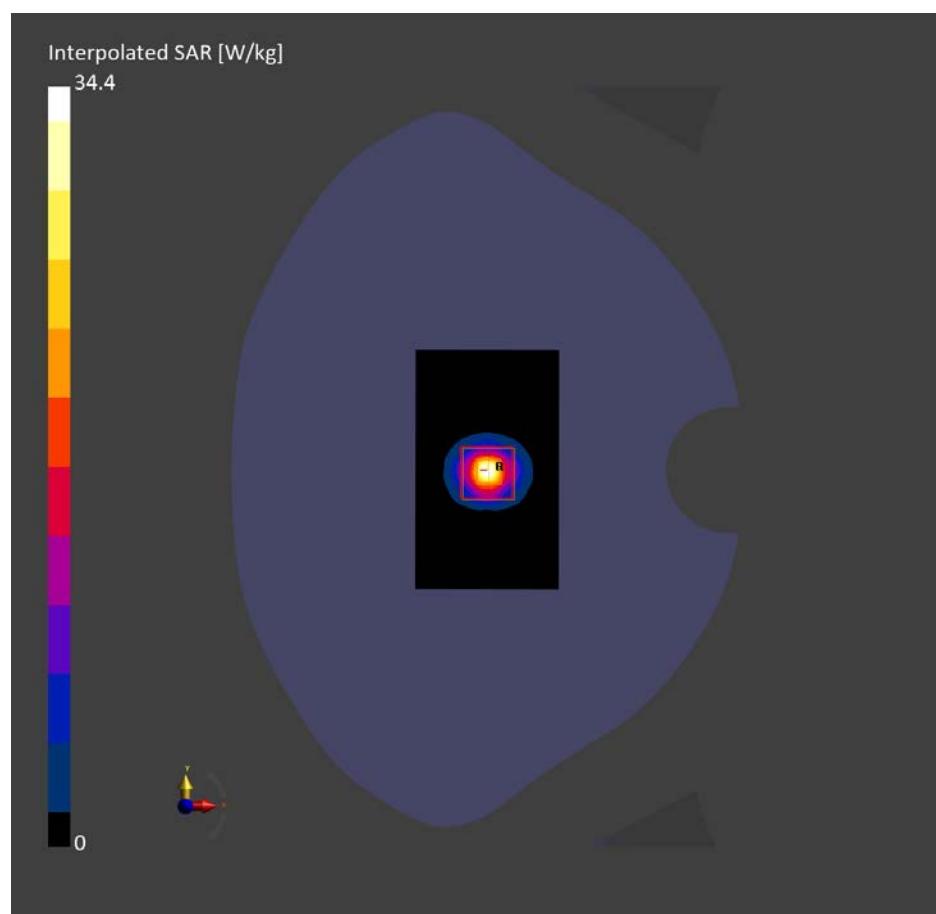
DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.02, 5.02, 5.02); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.81 W/kg; SAR (10g) = 2.19 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = 0.01 dB
SAR (1g) = 8.35 W/kg; SAR (10g) = 2.39 W/kg;



SGS-SAR LabDate: 2024-10-10

System Performance Check 5750 MHz Head

D5GHzV2-SN 1165

Communication System: D5GHz; Frequency: 5750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.17$ S/m; $\epsilon_r = 35.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.16, 5.16, 5.16); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.42 W/kg; SAR (10g) = 2.15 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = -0.01 dB
SAR (1g) = 7.91 W/kg; SAR (10g) = 2.25 W/kg;

