

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 2450 MHz Head
System Performance Check 5250 MHz Head
System Performance Check 5750 MHz Head



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System Performance Check 2450 MHz Head

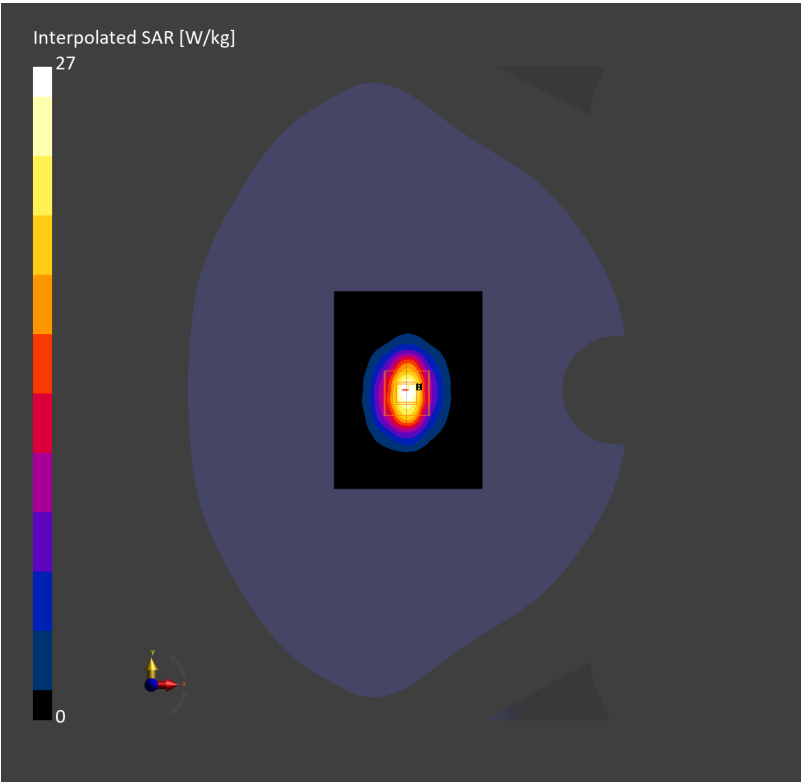
D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2450.000$ MHz; $\sigma= 1.79$ S/m; $\epsilon_r = 40.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); 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 (72.0 mm x 96.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 13.8 W/kg; SAR (10g) = 6.42 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 = -0.07 dB
SAR (1g) = 13.6 W/kg; SAR (10g) = 6.39 W/kg;



System Performance Check 5250 MHz Head

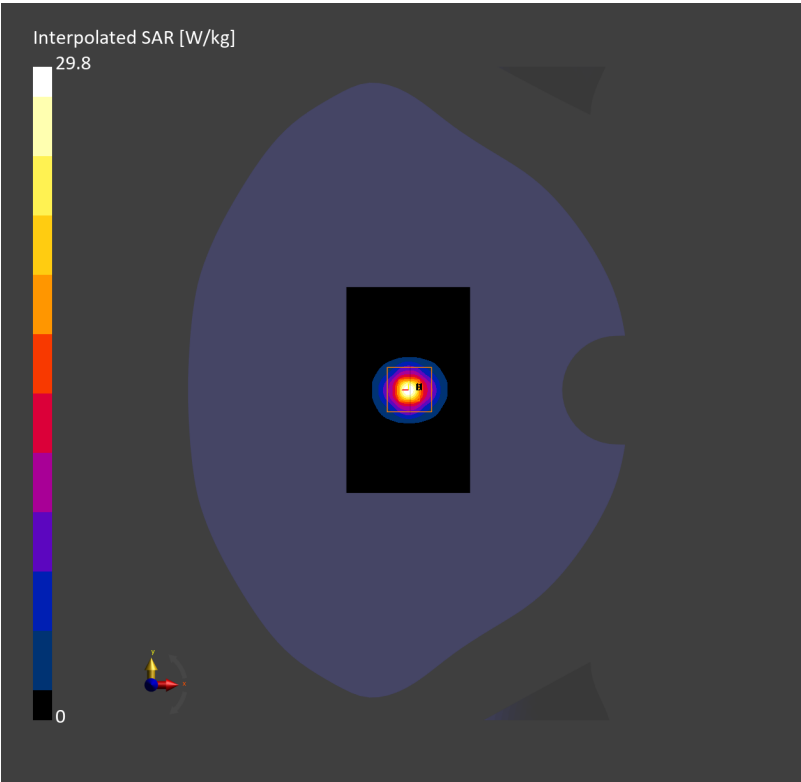
D5GHzV2-SN 1165

Communication System: D5GHz; Frequency: 5250.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5250.000$ MHz; $\sigma= 4.59$ S/m; $\epsilon_r = 36.2$

- 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) = 7.48 W/kg; SAR (10g) = 2.16 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) = 7.79 W/kg; SAR (10g) = 2.27 W/kg;



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; $\sigma= 5.28$ S/m; $\epsilon_r = 35.1$

- 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) = 7.23 W/kg; SAR (10g) = 2.13 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.00 dB
SAR (1g) = 7.67 W/kg; SAR (10g) = 2.24 W/kg;

