

# 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 2450 MHz Head
System Performance Check 3700 MHz Head
System Performance Check 5600 MHz Head

System Performance Check 835MHz Head

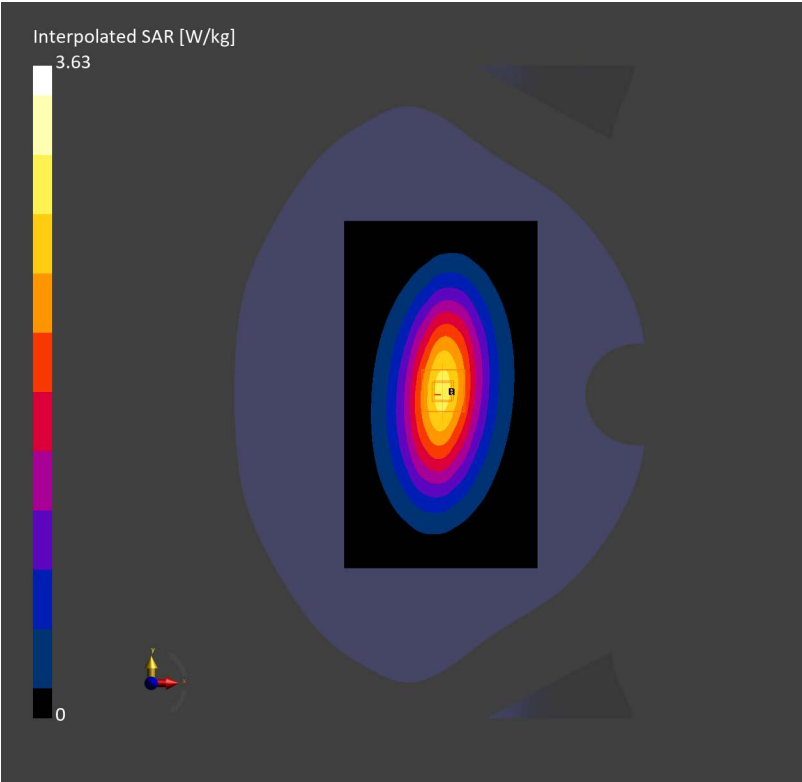
D835V2-SN 4d105

Communication System: D835; Frequency: 835.000  
Medium: Head Simulating Liquid. Medium parameters used:  $f=835.000\text{ MHz}$ ;  $\sigma=0.906\text{ S/m}$ ;  $\epsilon_r=42.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
  - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
  - Measurement Software: cDASY8 V16.2.4.2524

**Area Scan (90.0 mm x 180.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 2.49 W/kg; SAR (10g) = 1.63 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm  
Power Drift = -0.06 dB  
SAR (1g) = 2.51 W/kg; SAR (10g) = 1.66 W/kg;



System Performance Check 1750MHz Head

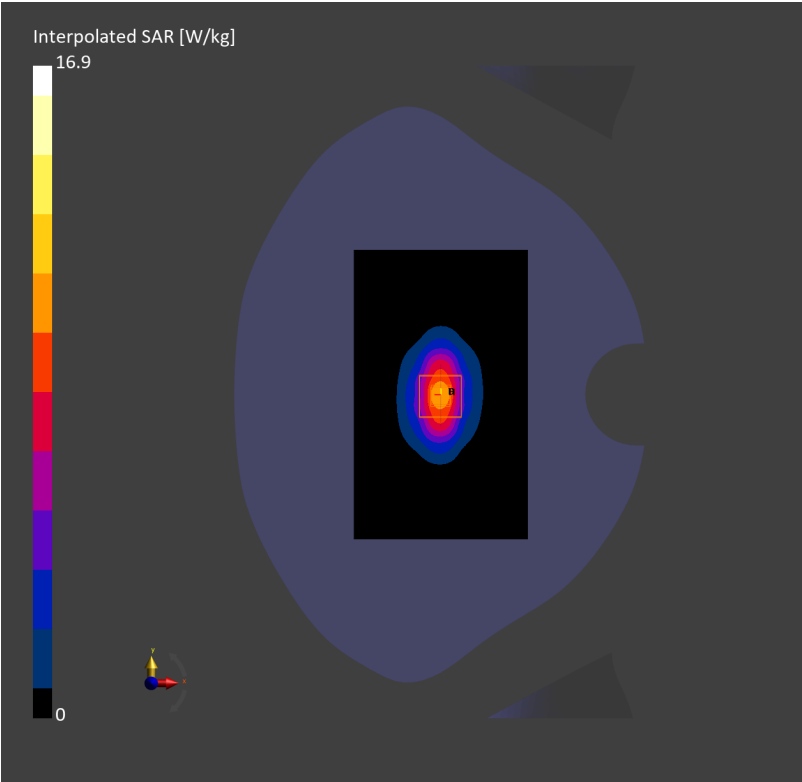
D1750V2-SN 1149

Communication System: D1750; Frequency: 1750.000  
Medium: Head Simulating Liquid. Medium parameters used:  $f=1750.000\text{ MHz}$ ;  $\sigma=1.34\text{ S/m}$ ;  $\epsilon_r=39.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
  - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
  - Measurement Software: cDASY8 V16.2.4.2524

**Area Scan (90.0 mm x 135.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm  
SAR (1g) = 9.11 W/kg; SAR (10g) = 4.83 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm  
Power Drift = -0.05 dB  
SAR (1g) = 9.44 W/kg; SAR (10g) = 5.09 W/kg;



System Performance Check 2450MHz Head

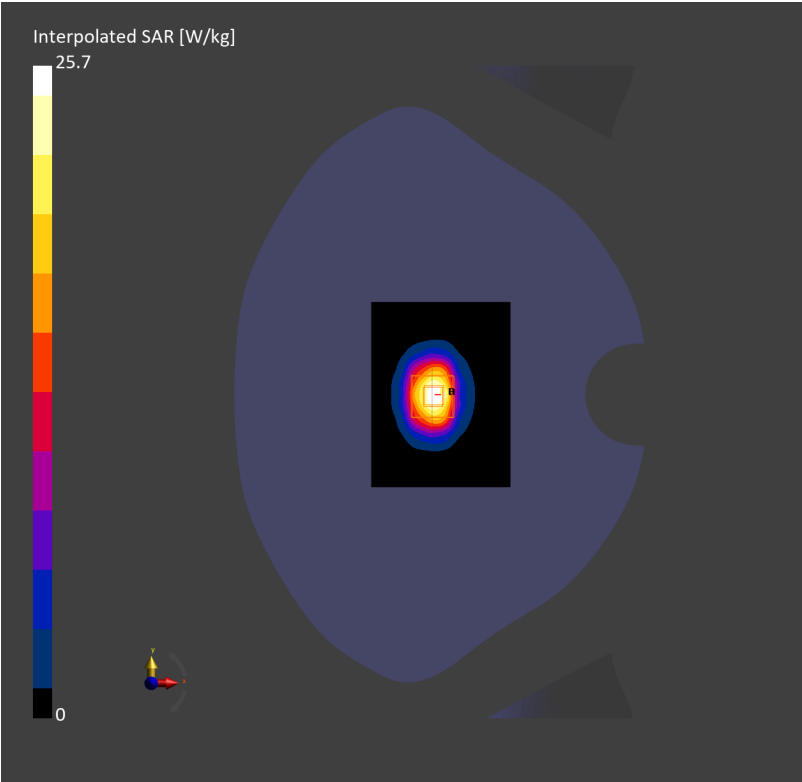
D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000  
Medium: Head Simulating Liquid. Medium parameters used:  $f=2450.000\text{ MHz}$ ;  $\sigma=1.81\text{ S/m}$ ;  $\epsilon_r=40.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
  - 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) = 12.9 W/kg; SAR (10g) = 6.29 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 = -0.14 dB  
SAR (1g) = 13.1 W/kg; SAR (10g) = 6.22 W/kg;



System Performance Check 3700MHz Head

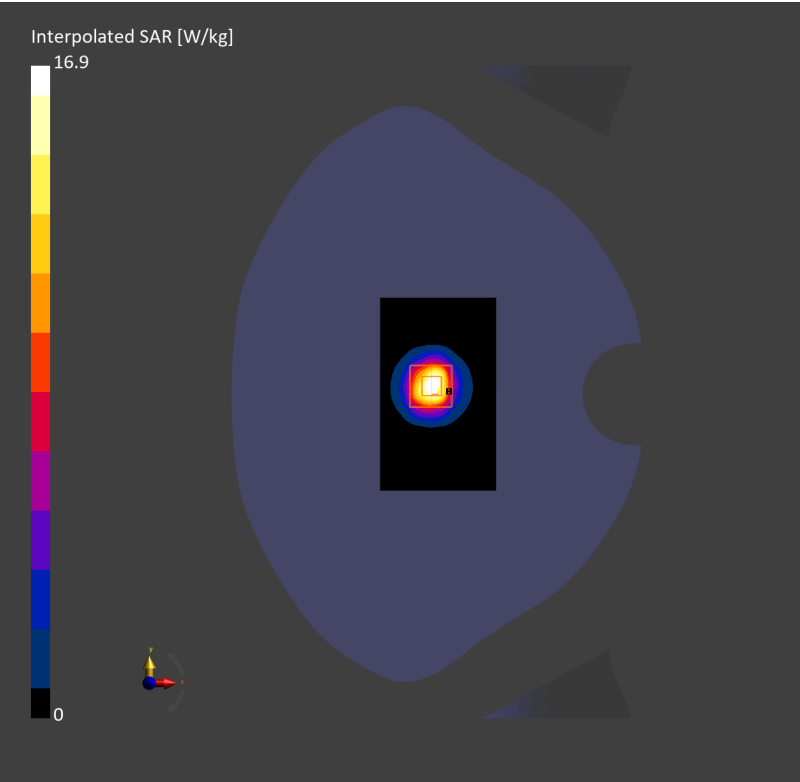
D3700V2-SN 1046

Communication System: D3700; Frequency: 3700.000  
Medium: Head Simulating Liquid. Medium parameters used:  $f= 3700.000$  MHz;  $\sigma= 3.07$  S/m;  $\epsilon_r = 37.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(6.99, 6.99, 6.99); Calibrated: 2024-07-17
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4 Sn1803; Calibrated: 2024-08-08
  - 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) = 6.42 W/kg; SAR (10g) = 2.49 W/kg;

**Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm  
Power Drift = -0.09 dB  
SAR (1g) = 6.65 W/kg; SAR (10g) = 2.50 W/kg;



System Performance Check 5600MHz Head

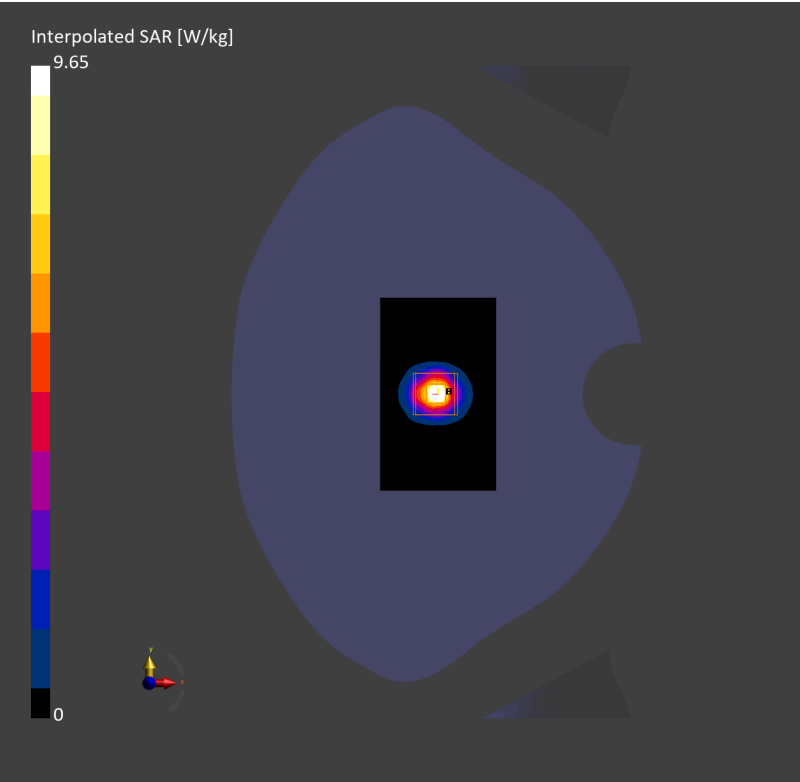
D5GHzV2-SN 1165

Communication System: D5GHz; Frequency: 5600.000  
Medium: Head Simulating Liquid. Medium parameters used:  $f= 5600.000$  MHz;  $\sigma= 5.24$  S/m;  $\epsilon_r = 35.8$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.02, 5.02, 5.02); Calibrated: 2024-07-17
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4 Sn1803; Calibrated: 2024-08-08
  - 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) = 7.16 W/kg; SAR (10g) = 2.07 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 1.4 mm  
Power Drift = -0.08 dB  
SAR (1g) = 8.12 W/kg; SAR (10g) = 2.36 W/kg;



- End of the Appendix -



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