

# PART2 Appendix B

## Detailed System Check Results

|                                        |
|----------------------------------------|
| 1. System Performance Check            |
| System Performance Check 835 MHz Head  |
| System Performance Check 1750 MHz Head |
| System Performance Check 1900 MHz Head |
| System Performance Check 2600 MHz Head |
| System Performance Check 3500 MHz Head |



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SystemPerformance Check 835 MHz Head

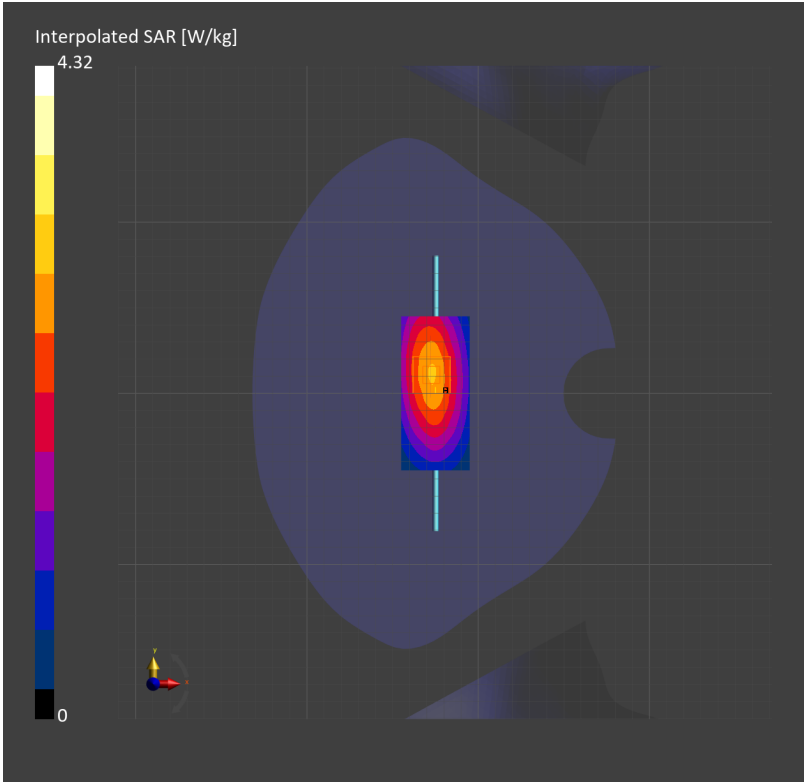
D835V2-SN 4d105

Communication System: ; Frequency: 835.000  
Medium: Head Simulating Liquid. Medium parameters used: f= 835.000 MHz;  $\sigma$ = 0.906 S/m;  $\epsilon_r$  = 41.2

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(9.5, 9.5, 9.5); Calibrated: 2025-10-14
  - 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 90.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 2.54 W/kg; SAR (10g) = 1.68 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 = 0.01 dB  
**SAR (1g) = 2.59 W/kg; SAR (10g) = 1.72 W/kg;**  
M2/M1 [%]=63.0  
Dist 3dB Peak [mm]=16.4



SystemPerformance Check 1750 MHz Head

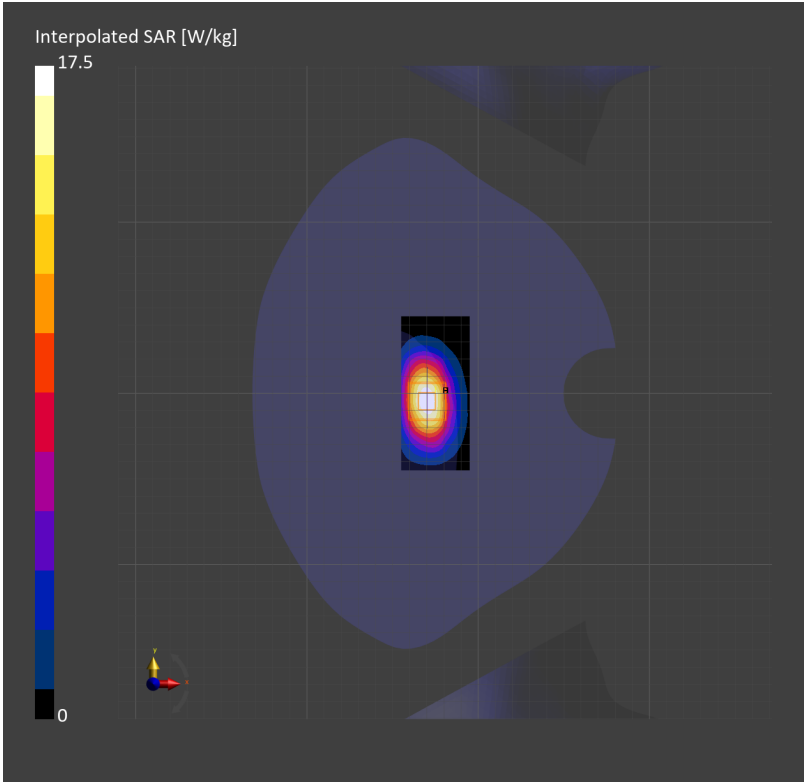
D1750V2-SN 1149

Communication System: ; Frequency: 1750.000  
Medium: Head Simulating Liquid. Medium parameters used: f= 1750.000 MHz;  $\sigma$ = 1.41 S/m;  $\epsilon_r$  = 40.1

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(8.12, 8.12, 8.12); Calibrated: 2025-10-14
  - 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 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 9.59 W/kg; SAR (10g) = 5.32 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 = -0.08 dB  
SAR (1g) = 9.78 W/kg; SAR (10g) = 5.23 W/kg;  
M2/M1 [%]=73.8  
Dist 3dB Peak [mm]=10.8



SystemPerformance Check 1900 MHz Head

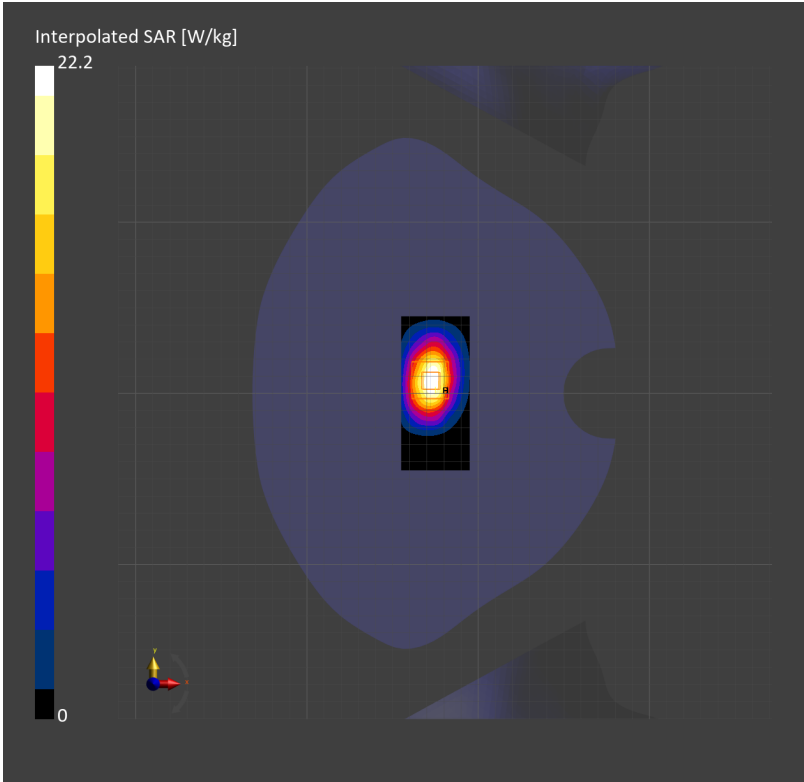
D1900V2-SN 5d028

Communication System: ; Frequency: 1900.000  
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz;  $\sigma$ = 1.43 S/m;  $\epsilon_r$  = 40.0

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.78, 7.78, 7.78); Calibrated: 2025-10-14
  - 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 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 10.5 W/kg; SAR (10g) = 5.54 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 = -0.01 dB  
SAR (1g) = 10.9 W/kg; SAR (10g) = 5.59 W/kg;  
M2/M1 [%]=78.8  
Dist 3dB Peak [mm]=10.3



SystemPerformance Check 2600 MHz Head

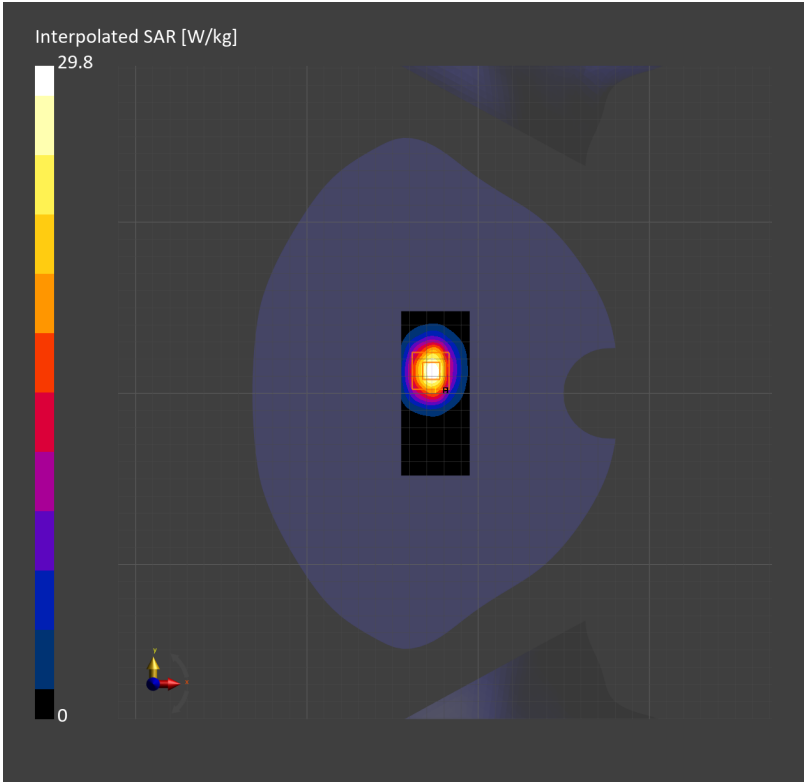
D2600V2-SN 1125

Communication System: ; Frequency: 2600.000  
Medium: Head Simulating Liquid. Medium parameters used: f= 2600.000 MHz;  $\sigma$ = 1.98 S/m;  $\epsilon_r$  = 39.3

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.25, 7.25, 7.25); Calibrated: 2025-10-14
  - 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) = 13.6 W/kg; SAR (10g) = 6.24 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 = 0.03 dB  
SAR (1g) = 14.3 W/kg; SAR (10g) = 6.67 W/kg;  
M2/M1 [%]=79.5  
Dist 3dB Peak [mm]=9.0



SystemPerformance Check 3500 MHz Head

D3500V2-SN 1082

Communication System: ; Frequency: 3500.000  
Medium: Head Simulating Liquid. Medium parameters used: f= 3500.000 MHz;  $\sigma$ = 3.02 S/m;  $\epsilon_r$  = 38.4

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025-10-14
  - 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 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 6.35 W/kg; SAR (10g) = 2.42 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm  
Power Drift = 0.07 dB  
SAR (1g) = 6.56 W/kg; SAR (10g) = 2.57 W/kg;  
M2/M1 [%]=77.2  
Dist 3dB Peak [mm]=8.6

