

Part 2_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 1900 MHz Head
System Performance Check 2600 MHz Head
System Performance Check 3700 MHz Head

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

Communication System: D835; Frequency: 835.000

Medium: HSL. Medium parameters used: $f = 835.000$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(10.4, 10.4, 10.4); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

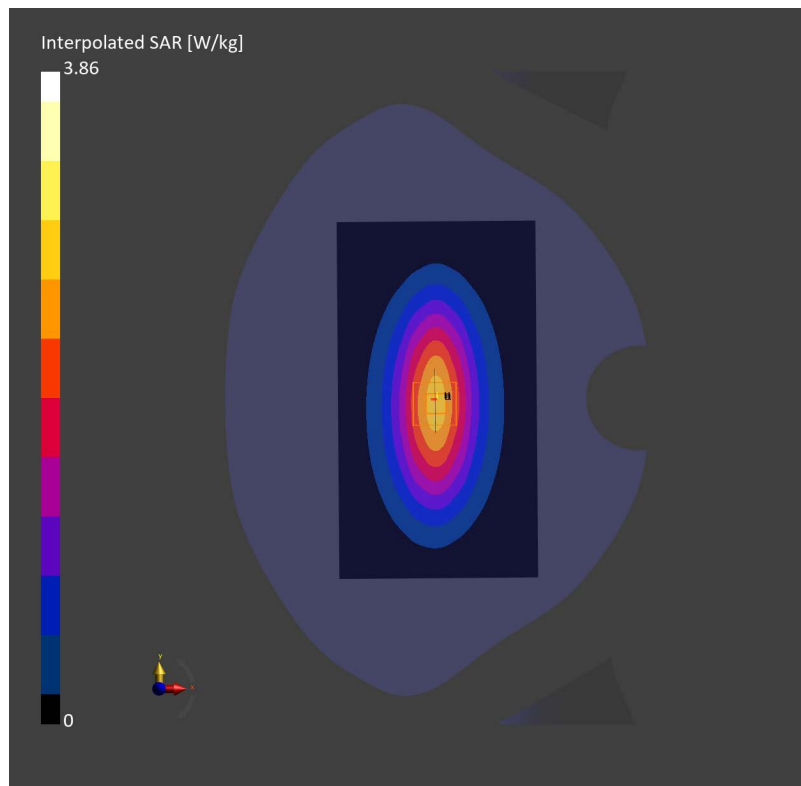
Area Scan (100.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.40 W/kg; SAR (10g) = 1.57 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 = -0.01 dB

SAR (1g) = 2.43 W/kg; SAR (10g) = 1.58 W/kg;



System Performance Check 835MHz Head

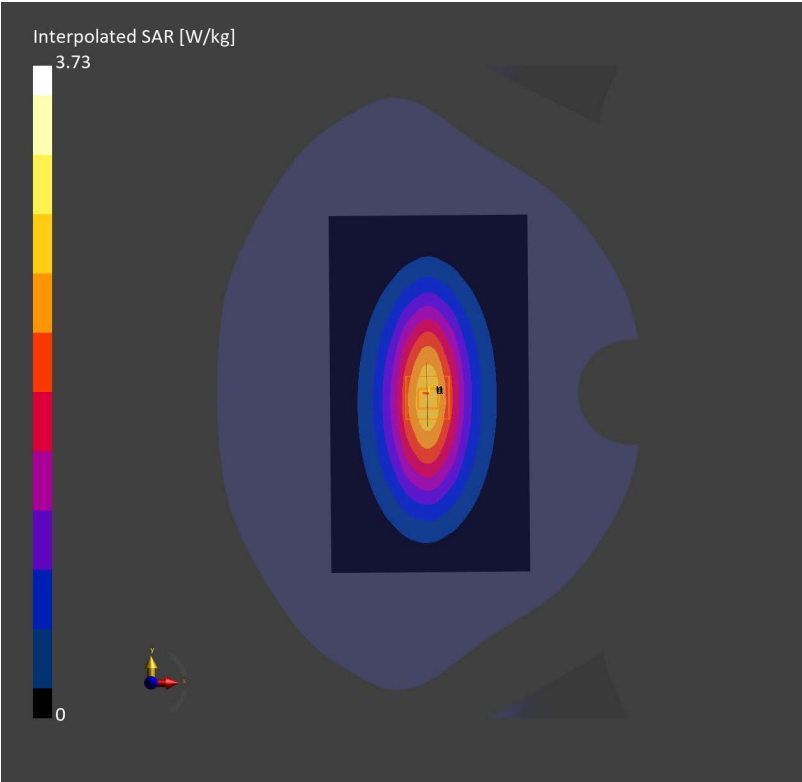
D835V2-SN 4d105

Communication System: D835; Frequency: 835.000
Medium: HSL. Medium parameters used: $f= 835.000$ MHz; $\sigma= 0.932$ S/m; $\epsilon_r = 42.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.4, 10.4, 10.4); Calibrated: 2023-06-05
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (100.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.38 W/kg; SAR (10g) = 1.58 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 = -0.13 dB
SAR (1g) = 2.47 W/kg; SAR (10g) = 1.61 W/kg;



System Performance Check 1750MHz Head

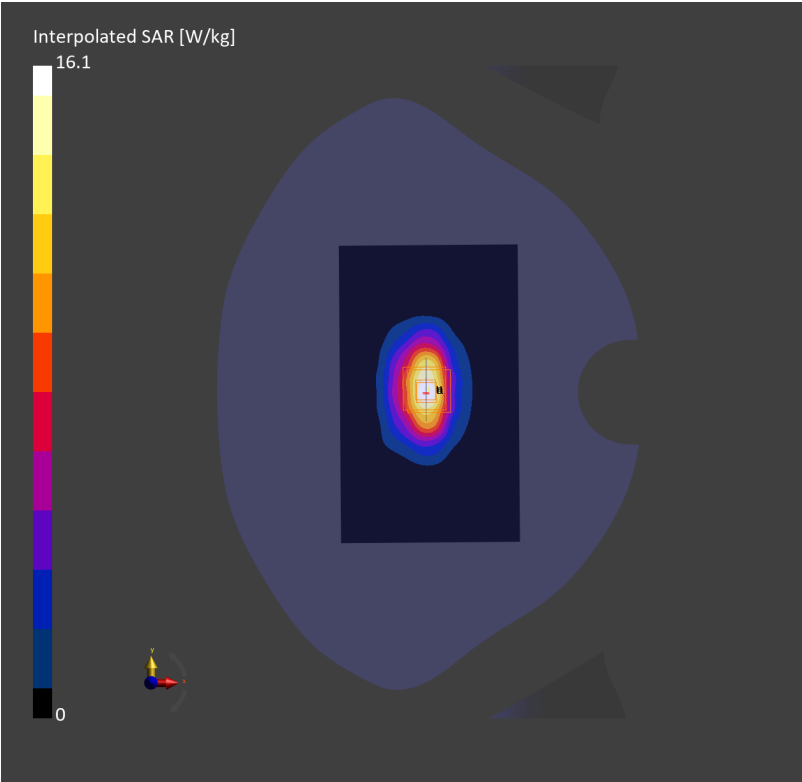
D1750V2-SN 1149

Communication System: D1750; Frequency: 1750.000
Medium: HSL. Medium parameters used: $f= 1750.000$ MHz; $\sigma= 1.35$ S/m; $\epsilon_r = 40.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.89, 8.89, 8.89); Calibrated: 2023-06-05
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 8.52 W/kg; SAR (10g) = 4.60 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 = -0.10 dB
SAR (1g) = 8.76 W/kg; SAR (10g) = 4.75 W/kg;



System Performance Check 1900MHz Head

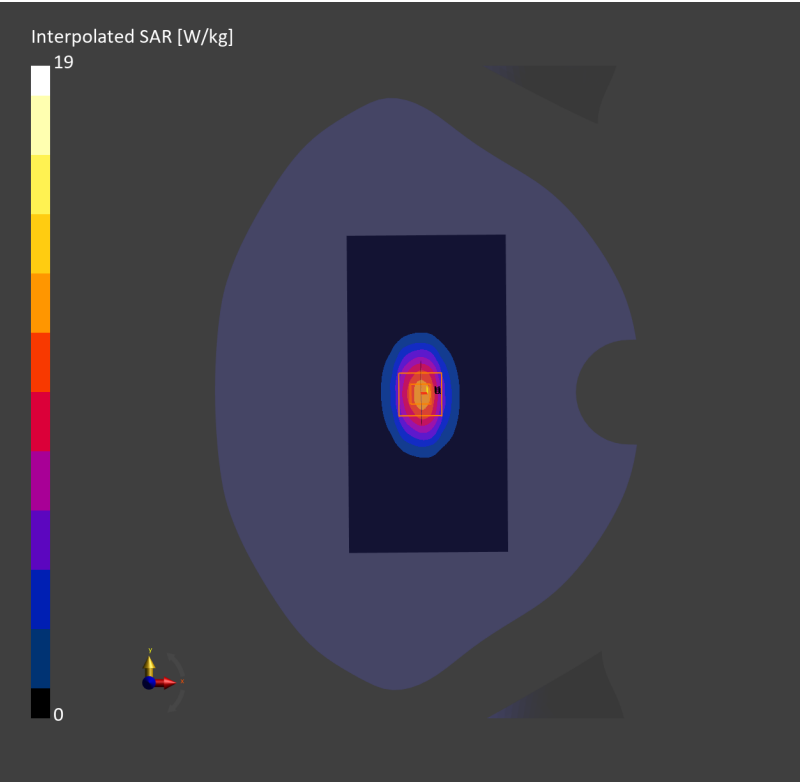
D1900V2- SN 5d028

Communication System: D1900; Frequency: 1900.000
Medium: HSL. Medium parameters used: $f= 1900.000$ MHz; $\sigma= 1.44$ S/m; $\epsilon_r = 40.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.63, 8.63, 8.63); Calibrated: 2023-06-05
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (80.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 9.97 W/kg; SAR (10g) = 5.22 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 = -0.00 dB
SAR (1g) = 10.4 W/kg; SAR (10g) = 5.25 W/kg;



System Performance Check 2600MHz Head

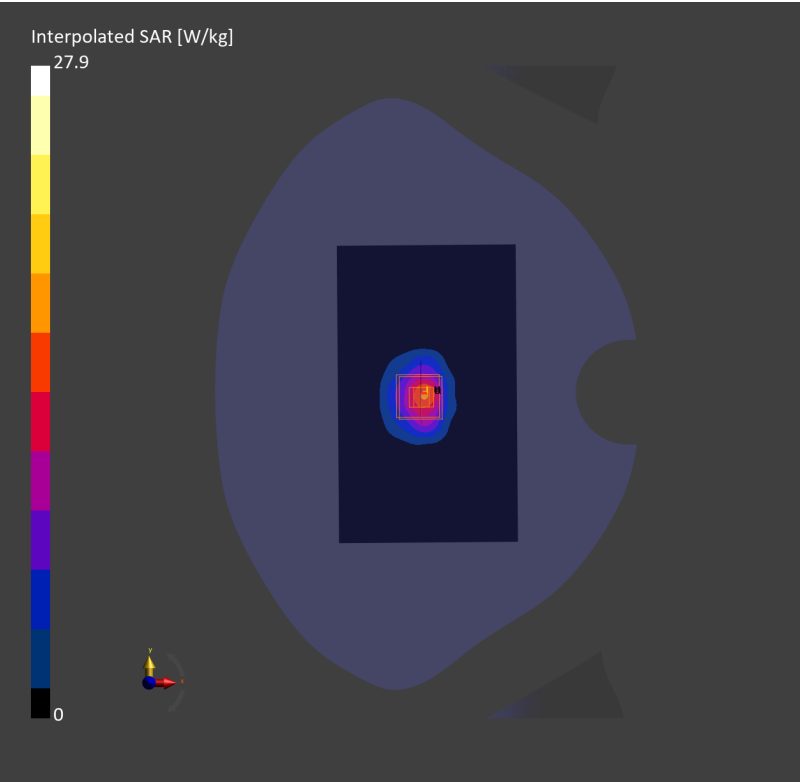
D2600V2-SN 1125

Communication System: D2600; Frequency: 2600.000
Medium: HSL. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 2.01$ S/m; $\epsilon_r = 37.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); Calibrated: 2023-06-05
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 12.8 W/kg; SAR (10g) = 5.85 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 = -0.01 dB
SAR (1g) = 13.8 W/kg; SAR (10g) = 6.38 W/kg;



System Performance Check 3700MHz Head

D3700V2-SN 1046

Communication System: D3700; Frequency: 3700.000
Medium: HSL. Medium parameters used: $f= 3700.000$ MHz; $\sigma= 3.12$ S/m; $\epsilon_r = 37.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.0, 7.0, 7.0); Calibrated: 2023-06-05
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.65 W/kg; SAR (10g) = 2.58 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 = -0.12 dB
SAR (1g) = 6.95 W/kg; SAR (10g) = 2.63 W/kg;

