

Appendix A

Detailed System Check Results

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System Performance Check 750 MHz Head**D750V3-SN 1160**

Communication System: ; Frequency: 750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 750.000$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- 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 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.21 W/kg; SAR (10g) = 1.48 W/kg;

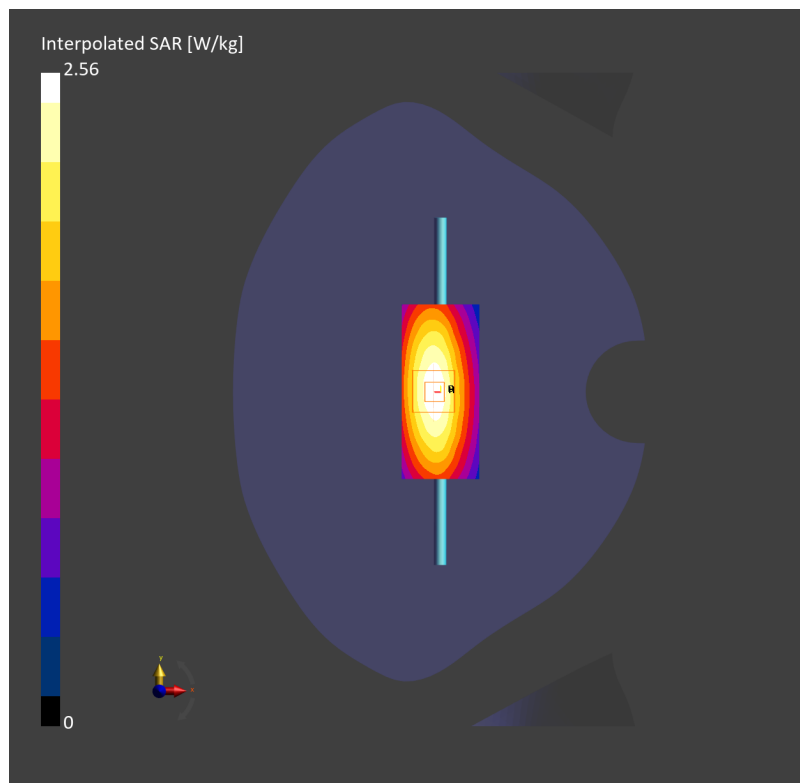
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 2.27 W/kg; SAR (10g) = 1.49 W/kg;

M2/M1 [%]=80.7

Dist 3dB Peak [mm]=> 15.0



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

2 Communication System: D835; Frequency: 835.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 835.000$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 40.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.6, 9.6, 9.6); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.42 W/kg; SAR (10g) = 1.59 W/kg;

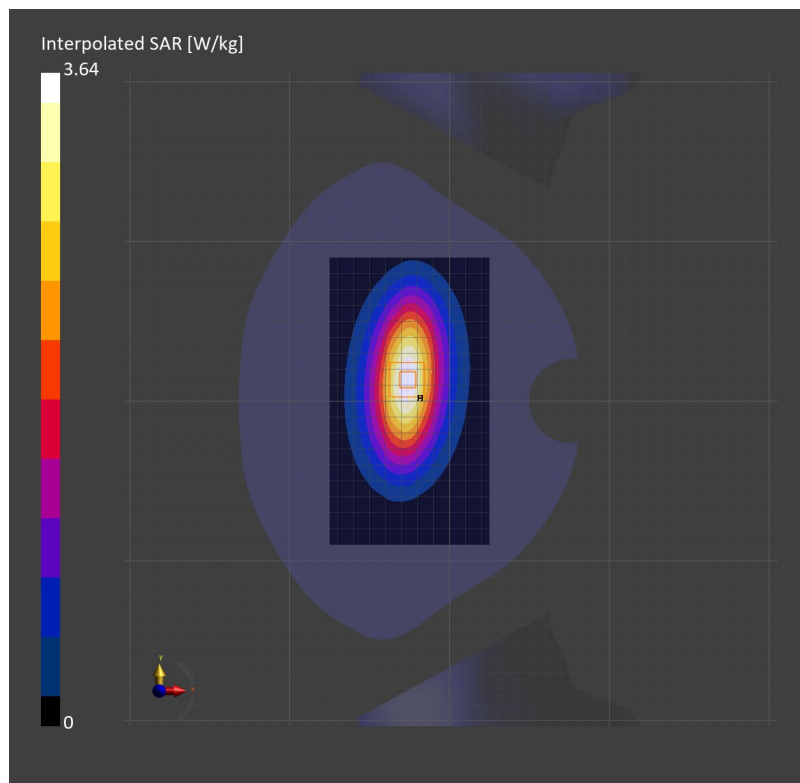
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.19 dB

SAR (1g) = 2.38 W/kg; SAR (10g) = 1.58 W/kg;

M2/M1 [%]=64.7

Dist 3dB Peak [mm]=16.4



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

Communication System: D835; Frequency: 835.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 835.000$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- 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 V16.4.0.5005

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.23 W/kg; SAR (10g) = 1.47 W/kg;

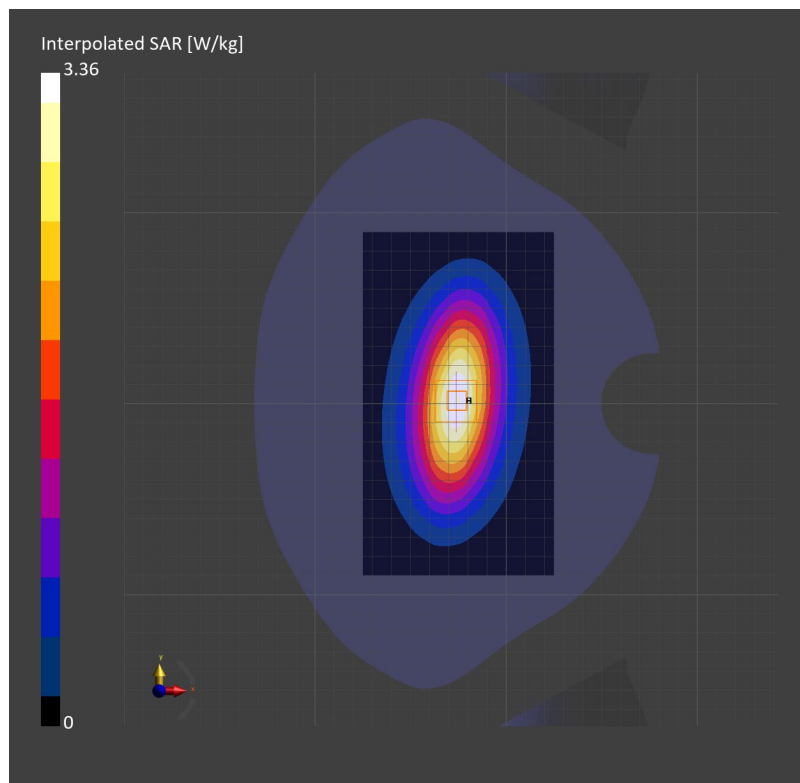
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 2.32 W/kg; SAR (10g) = 1.53 W/kg;

M2/M1 [%]=64.3

Dist 3dB Peak [mm]=16.8



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

Communication System: D835; Frequency: 835.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 835.000$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 43.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- 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 V16.4.0.5005

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.10 W/kg; SAR (10g) = 1.39 W/kg;

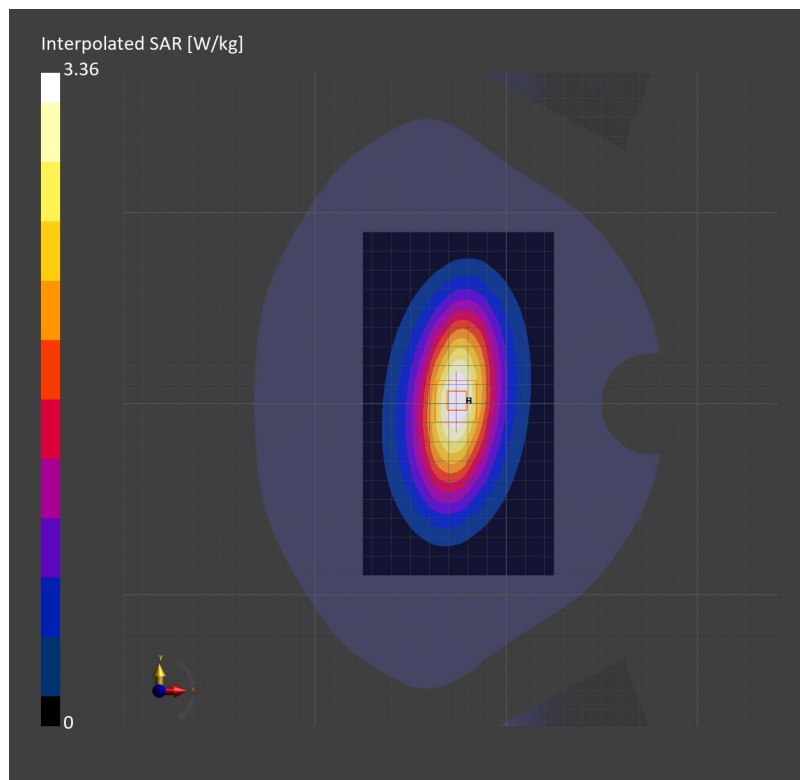
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 2.18 W/kg; SAR (10g) = 1.44 W/kg;

M2/M1 [%]=64.3

Dist 3dB Peak [mm]=16.8



System Performance Check 1750 MHz Head**D1750V2-SN 1149**

Communication System: D1750; Frequency: 1750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1750.000$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.19, 8.19, 8.19); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 8.53 W/kg; SAR (10g) = 4.49 W/kg;

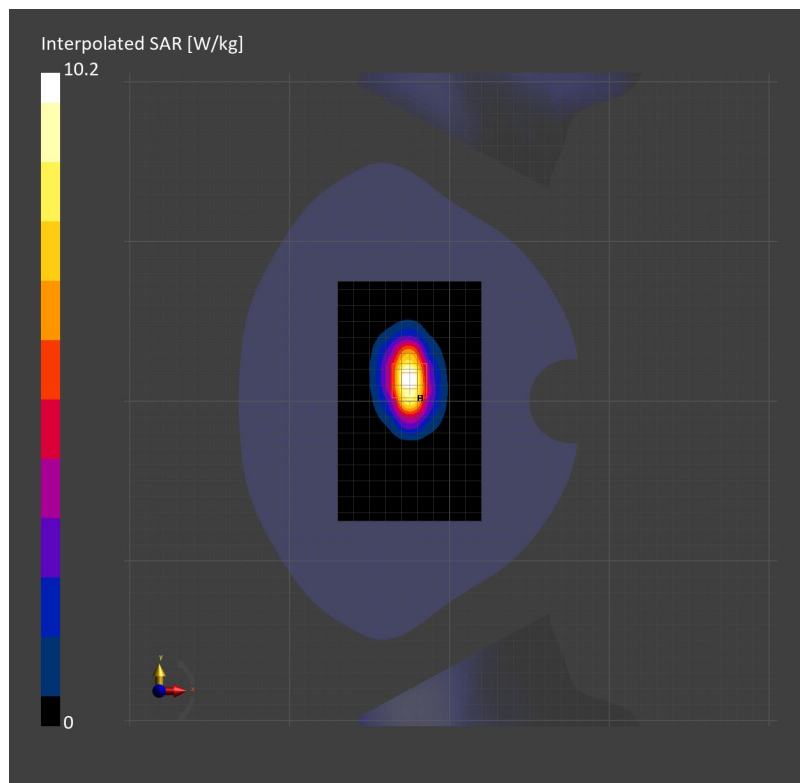
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.19 dB

SAR (1g) = 8.69 W/kg; SAR (10g) = 4.73 W/kg;

M2/M1 [%]=57.5

Dist 3dB Peak [mm]=10.2



System Performance Check 1750MHz Head**D1750V2-SN 1149**

Communication System: D1750; Frequency: 1750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1750.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- 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 V16.4.0.5005

Area Scan (90.0 mm x 135.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 9.06 W/kg; SAR (10g) = 4.83 W/kg;

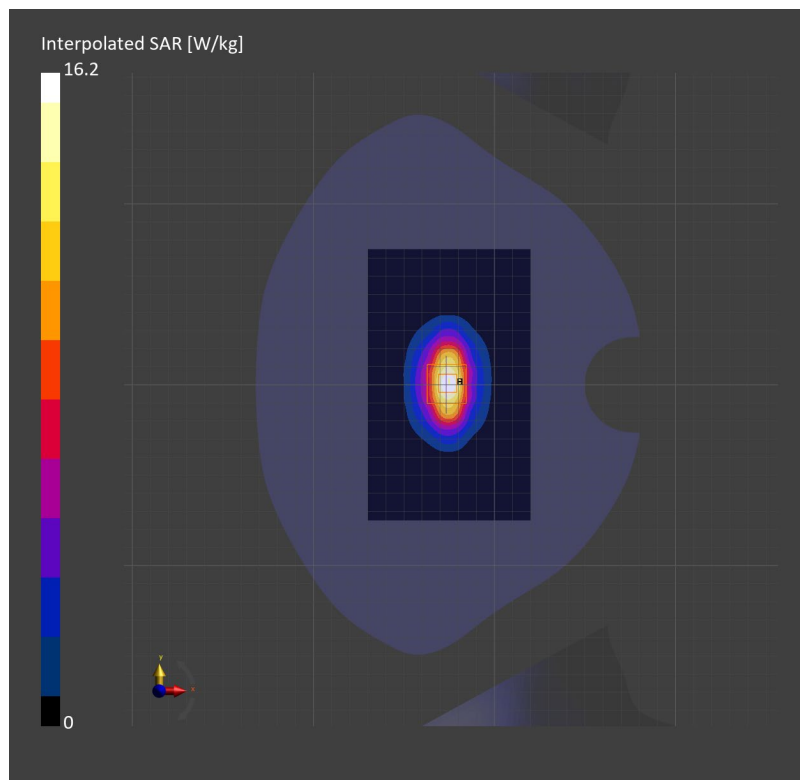
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.15 dB

SAR (1g) = 9.10 W/kg; SAR (10g) = 5.02 W/kg;

M2/M1 [%]=56.3

Dist 3dB Peak [mm]=10.2



System Performance Check 1750MHz Head**D1750V2-SN 1149**

Communication System: D1750; Frequency: 1750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1750.000$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 39.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- 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 V16.4.0.5005

Area Scan (90.0 mm x 135.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 9.22 W/kg; SAR (10g) = 4.92 W/kg;

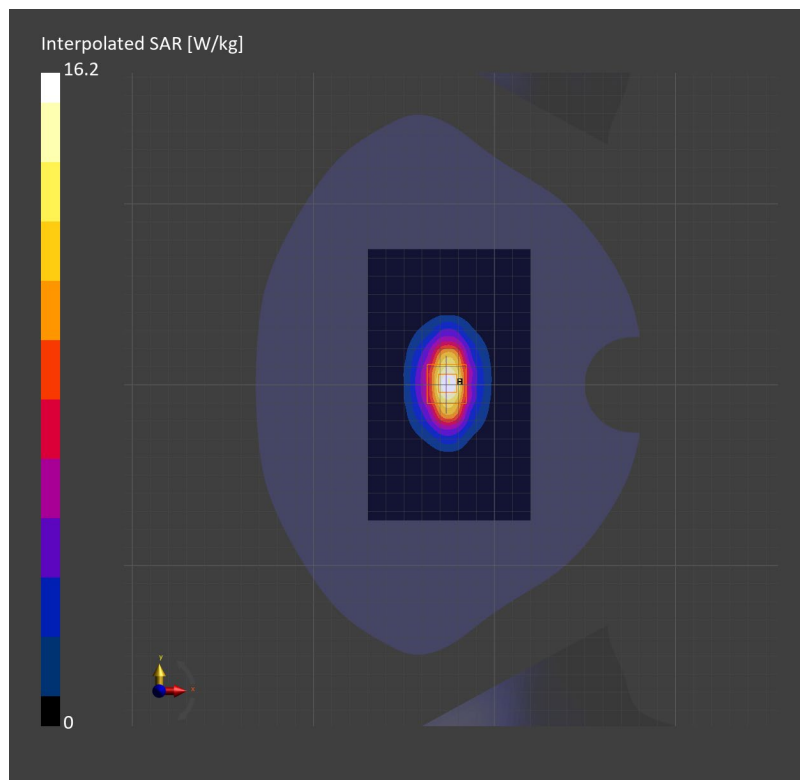
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.15 dB

SAR (1g) = 9.25 W/kg; SAR (10g) = 5.10 W/kg;

M2/M1 [%]=56.3

Dist 3dB Peak [mm]=10.2



System Performance Check 1950MHz Head

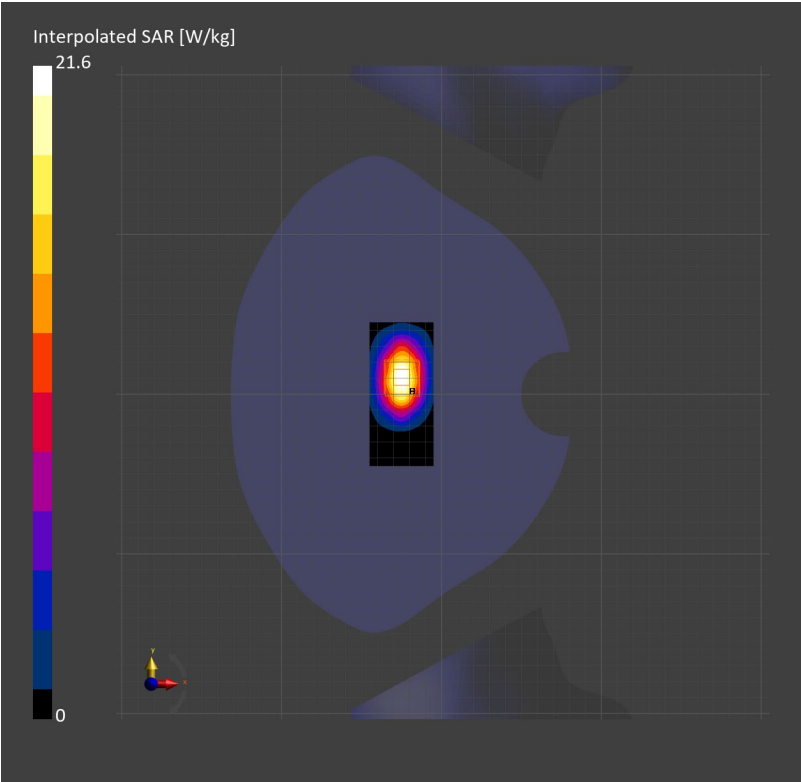
D1950V3-SN 1138

Communication System: ; Frequency: 1950.000
Medium: Head Simulating Liquid. Medium parameters used: $f=1950.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=40.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.86, 7.86, 7.86); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - 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) = 10.7 W/kg; SAR (10g) = 5.53 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) = 10.8 W/kg; SAR (10g) = 5.54 W/kg;
M2/M1 [%]=79.6
Dist 3dB Peak [mm]=9.7



System Performance Check 1950 MHz Head**D1950V3-SN 1138**

Communication System: ; Frequency: 1950.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1950.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- 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 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 9.96 W/kg; SAR (10g) = 5.23 W/kg;

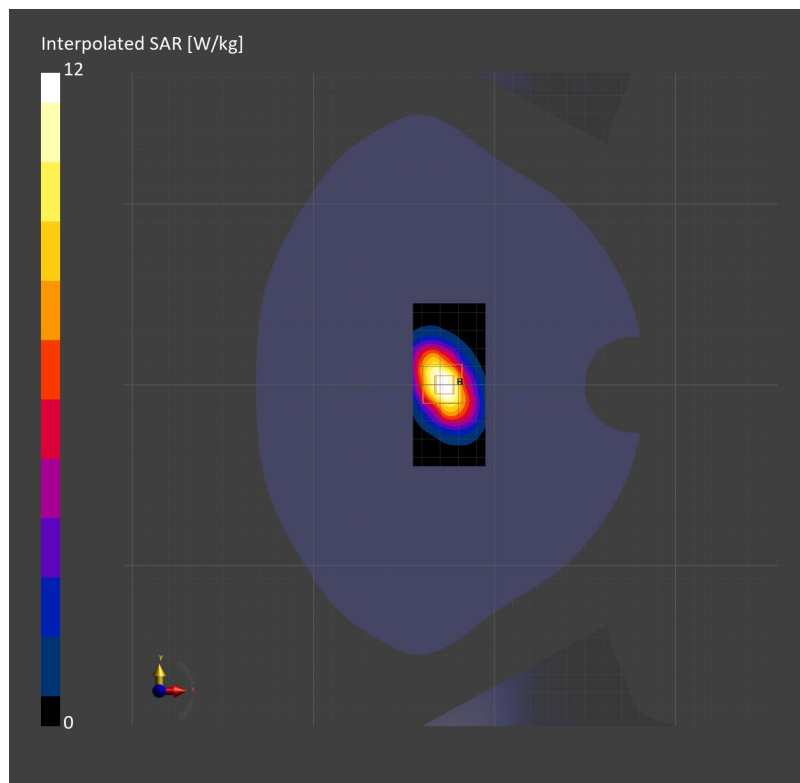
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 10.2 W/kg; SAR (10g) = 5.24 W/kg;

M2/M1 [%]=79.3

Dist 3dB Peak [mm]=9.9



System Performance Check 1950 MHz Head

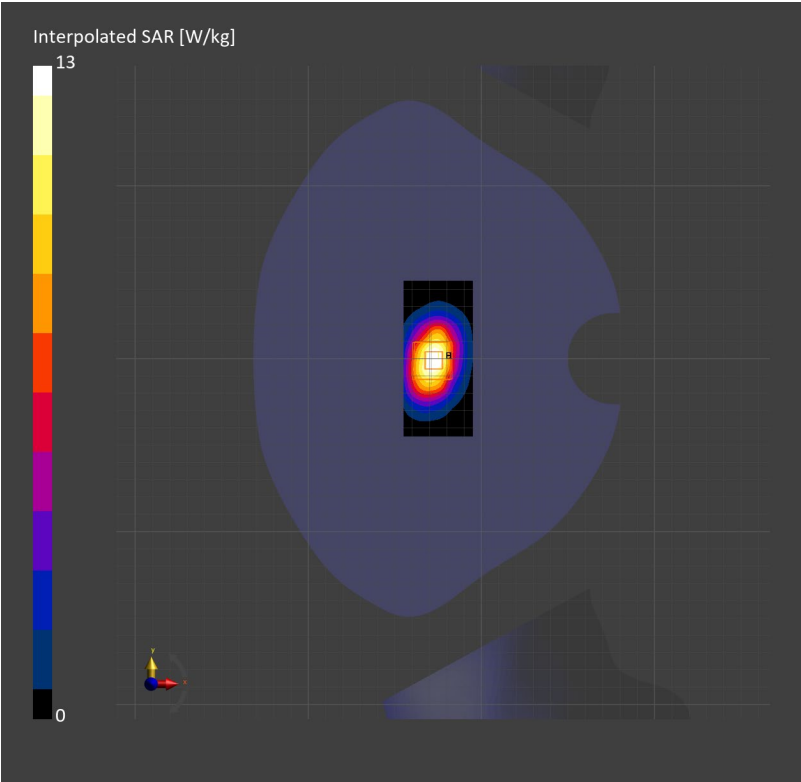
D1950V3-SN 1138

Communication System: ; Frequency: 1950.000
Medium: Head Simulating Liquid. Medium parameters used: $f=1950.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=40.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
 - 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 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 10.7 W/kg; SAR (10g) = 5.67 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.00 dB
SAR (1g) = 10.9 W/kg; SAR (10g) = 5.60 W/kg;
M2/M1 [%]=80.7
Dist 3dB Peak [mm]=9.7



System Performance Check 2450MHz Head

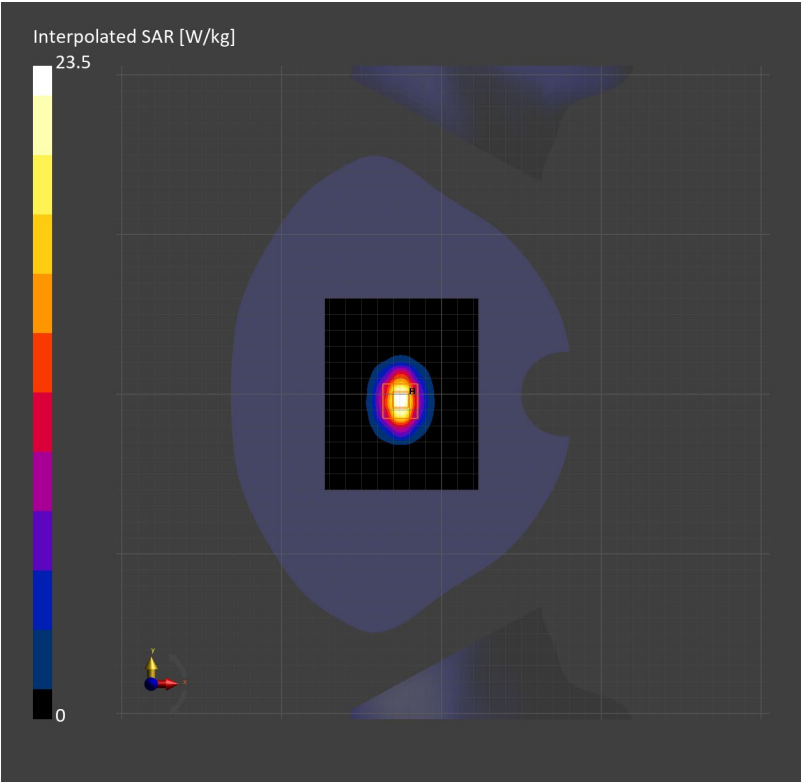
D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000
Medium: Head Simulating Liquid. Medium parameters used: $f=2450.000$ MHz; $\sigma=1.82$ S/m; $\epsilon_r=39.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

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) = 5.85 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 = -0.09 dB
SAR (1g) = 12.3 W/kg; SAR (10g) = 5.83 W/kg;
M2/M1 [%]=52.3
Dist 3dB Peak [mm]=9.1



System Performance Check 2450 MHz Head

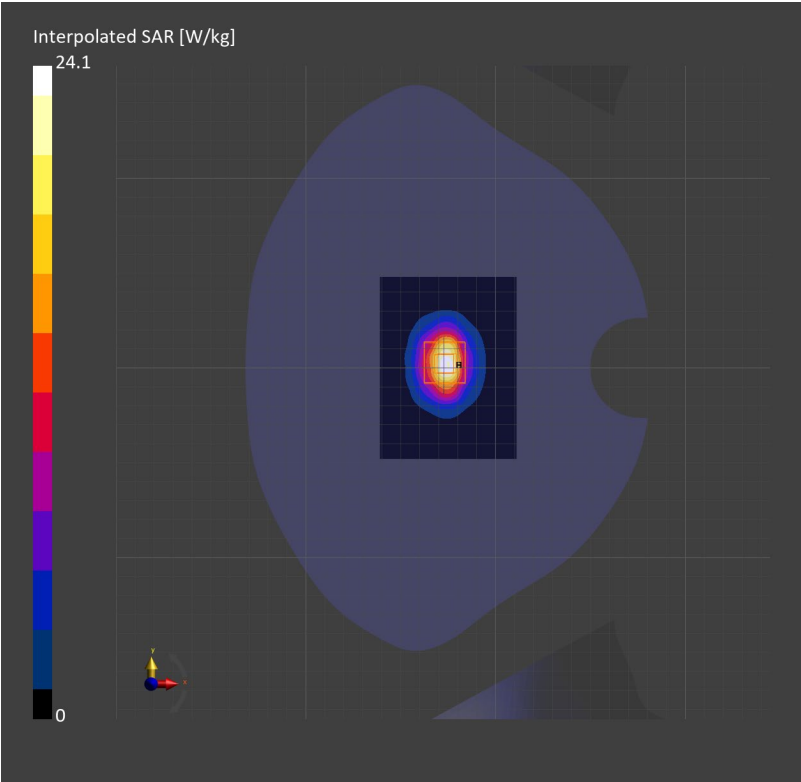
D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2450.000$ MHz; $\sigma= 1.78$ S/m; $\epsilon_r = 40.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
 - 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 V16.4.0.5005

Area Scan (72.0 mm x 96.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 12.2 W/kg; SAR (10g) = 5.71 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 = 0.05 dB
SAR (1g) = 12.6 W/kg; SAR (10g) = 6.03 W/kg;
M2/M1 [%]=52.1
Dist 3dB Peak [mm]=9.1



System Performance Check 2600 MHz Head

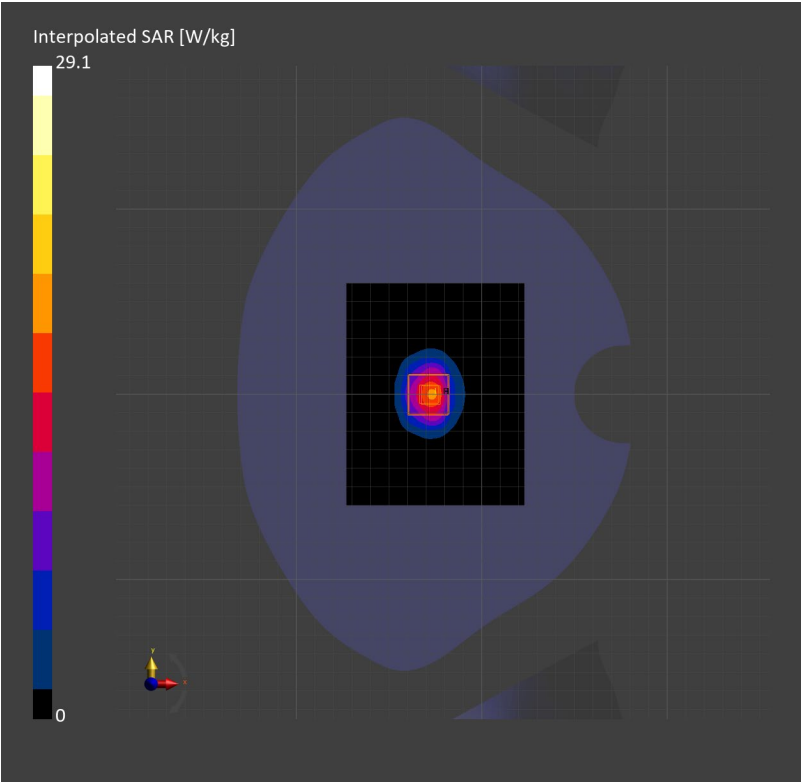
D2600V2-SN 1125

Communication System: D2600; Frequency: 2600.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 1.95$ S/m; $\epsilon_r = 39.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
 - 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 V16.4.0.5005

Area Scan (80.0 mm x 108.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 13.6 W/kg; SAR (10g) = 6.34 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 = 0.01 dB
SAR (1g) = 14.4 W/kg; SAR (10g) = 6.63 W/kg;
M2/M1 [%]=49.1
Dist 3dB Peak [mm]=9.0



System Performance Check 2600MHz Head

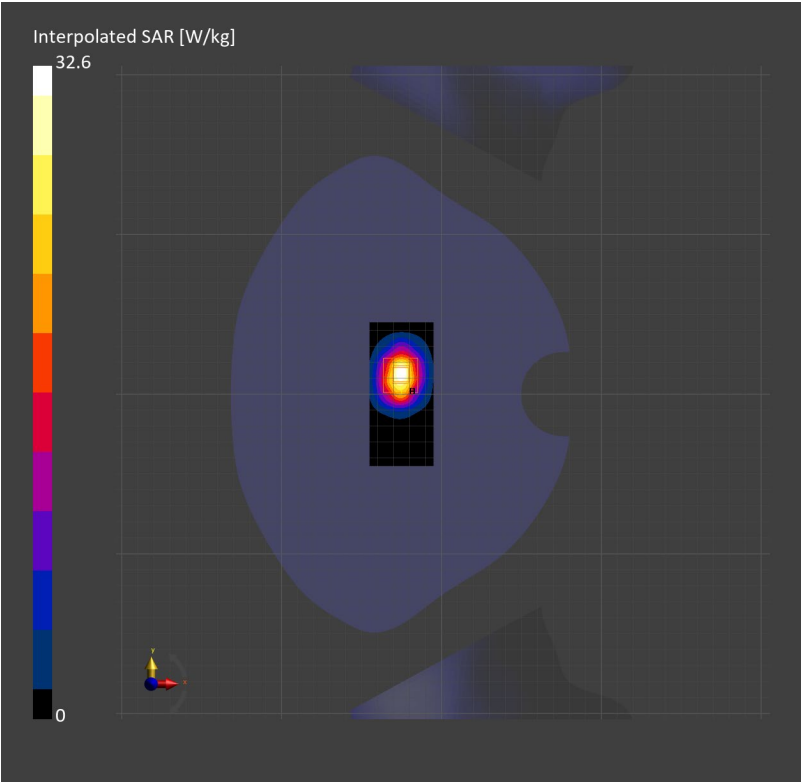
D2600V2-SN 1125

Communication System: ; Frequency: 2600.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 1.96$ S/m; $\epsilon_r = 38.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.33, 7.33, 7.33); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 14.7 W/kg; SAR (10g) = 6.61 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 = -0.01 dB
SAR (1g) = 14.9 W/kg; SAR (10g) = 6.69 W/kg;
M2/M1 [%]=77.9
Dist 3dB Peak [mm]=9.0



System Performance Check 2600 MHz Head

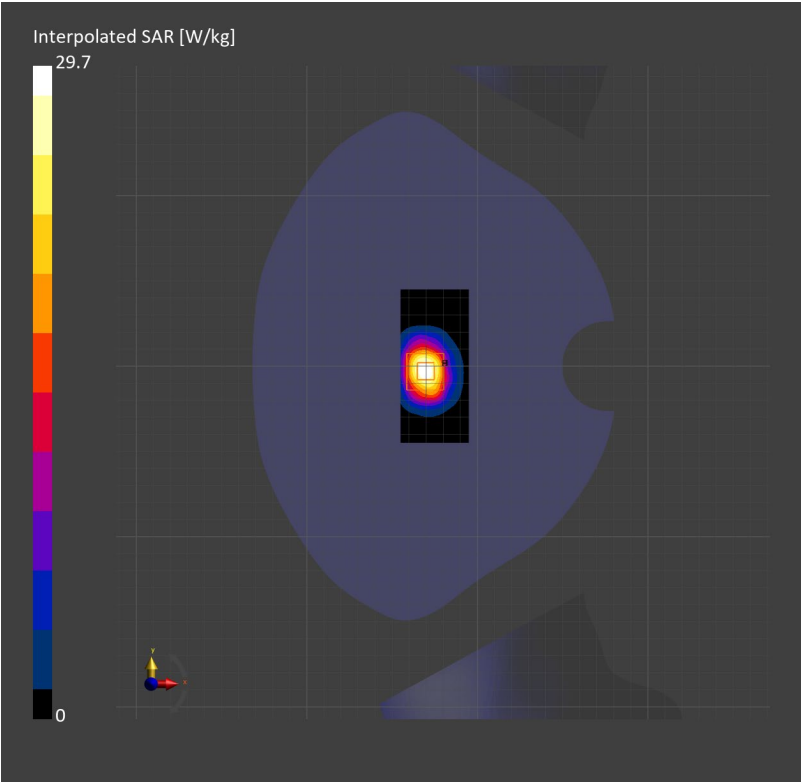
D2600V2-SN 1125

Communication System: ; Frequency: 2600.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 2.00$ S/m; $\epsilon_r = 37.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
 - 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 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 12.8 W/kg; SAR (10g) = 6.07 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 = 0.01 dB
SAR (1g) = 13.8 W/kg; SAR (10g) = 6.20 W/kg;
M2/M1 [%]=79.2
Dist 3dB Peak [mm]=9.0



System Performance Check 3500 MHz Head

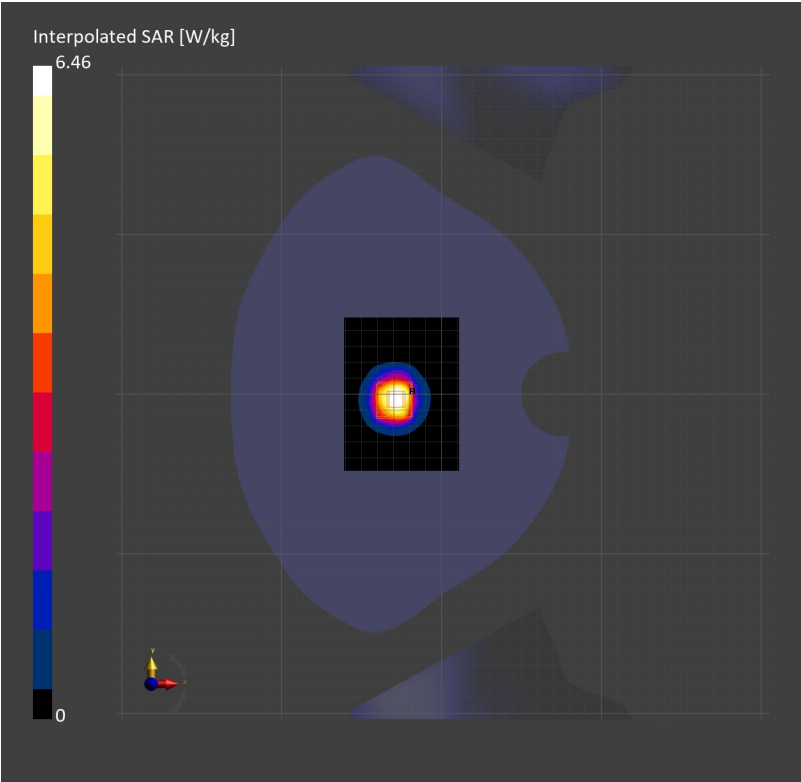
D3500V2-SN 1082

Communication System: D3500; Frequency: 3500.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3500.000$ MHz; $\sigma= 2.84$ S/m; $\epsilon_r = 39.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.7, 6.7, 6.7); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (72.0 mm x 96.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 5.30 W/kg; SAR (10g) = 2.21 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 = 0.01 dB
SAR (1g) = 6.19 W/kg; SAR (10g) = 2.42 W/kg;
M2/M1 [%]=41.5
Dist 3dB Peak [mm]=9.0



System Performance Check 3700 MHz Head

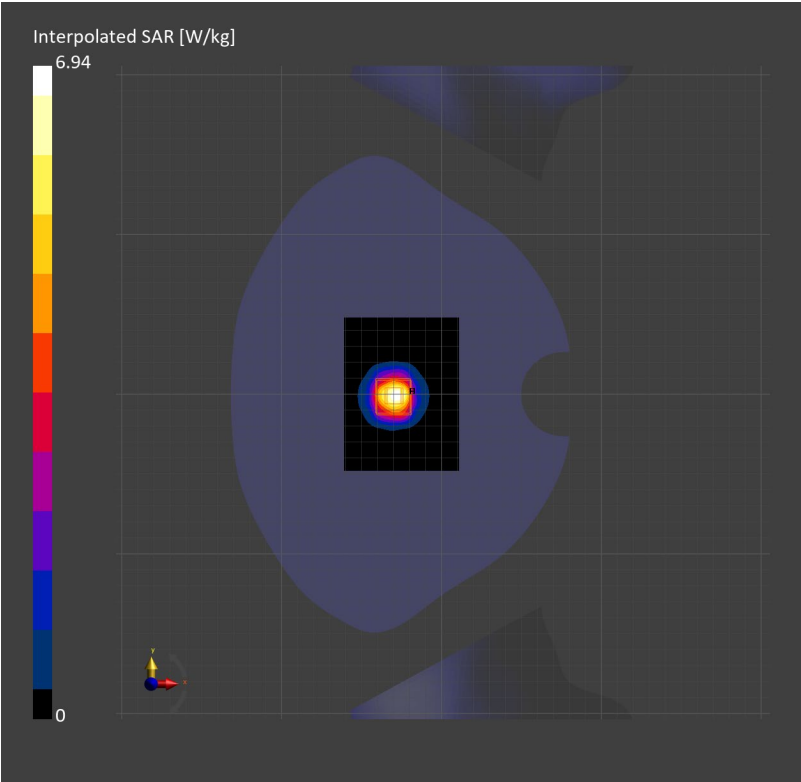
D3700V2-SN 1046

Communication System: D3700; Frequency: 3700.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3700.000$ MHz; $\sigma= 2.99$ S/m; $\epsilon_r = 38.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.48, 6.48, 6.48); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (72.0 mm x 96.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 5.09 W/kg; SAR (10g) = 2.07 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 = 0.18 dB
SAR (1g) = 6.18 W/kg; SAR (10g) = 2.35 W/kg;
M2/M1 [%]=39.2
Dist 3dB Peak [mm]=8.0



System Performance Check 3700MHz Head

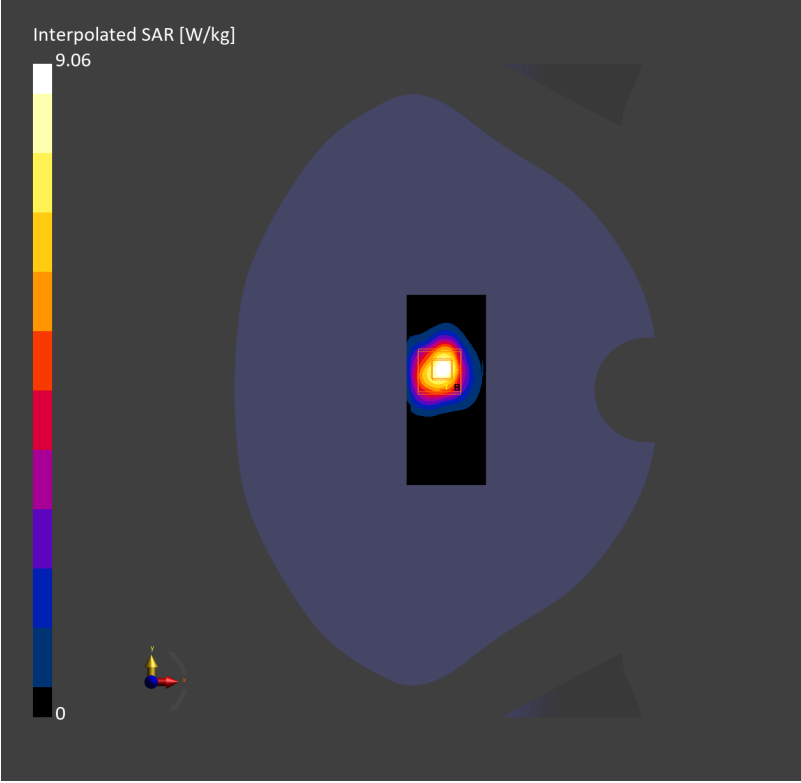
D3700V2-SN 1046

Communication System: ; Frequency: 3700.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3700.000$ MHz; $\sigma= 3.01$ S/m; $\epsilon_r = 37.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.48, 6.48, 6.48); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.46 W/kg; SAR (10g) = 2.55 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 1.4 mm
Power Drift = 0.01 dB
SAR (1g) = 6.94 W/kg; SAR (10g) = 2.62 W/kg;
M2/M1 [%]=73.0
Dist 3dB Peak [mm]=9.0



System Performance Check 3900 MHz Head

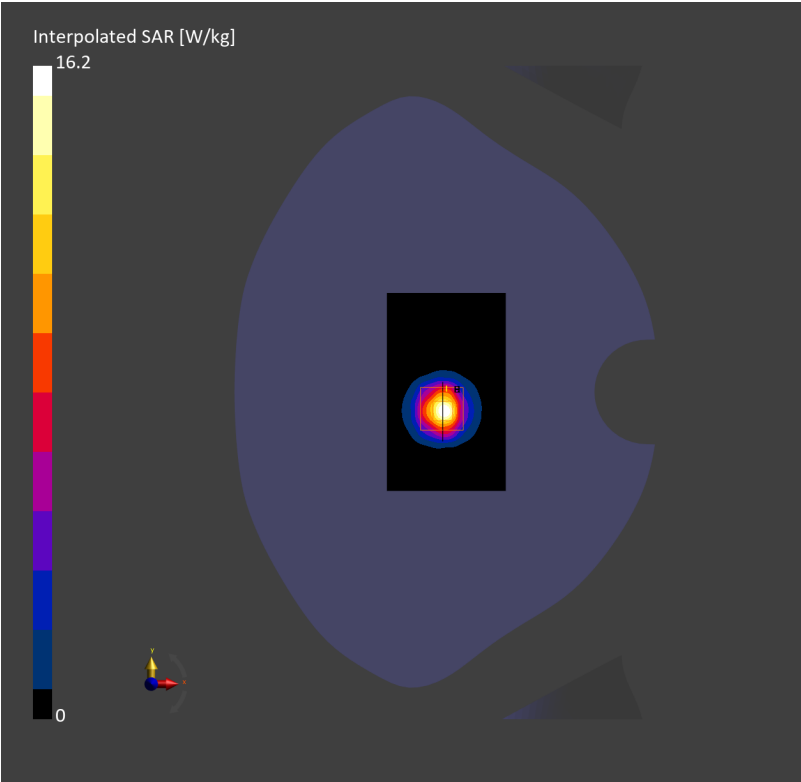
D3900V2-SN 1026

Communication System: D3900; Frequency: 3900.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3900.000$ MHz; $\sigma= 3.20$ S/m; $\epsilon_r = 38.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.4, 6.4, 6.4); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 5.97 W/kg; SAR (10g) = 2.14 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 = 0.02 dB
SAR (1g) = 6.38 W/kg; SAR (10g) = 2.30 W/kg;
M2/M1 [%]=37.3
Dist 3dB Peak [mm]=8.1



System Performance Check 5250MHz Head

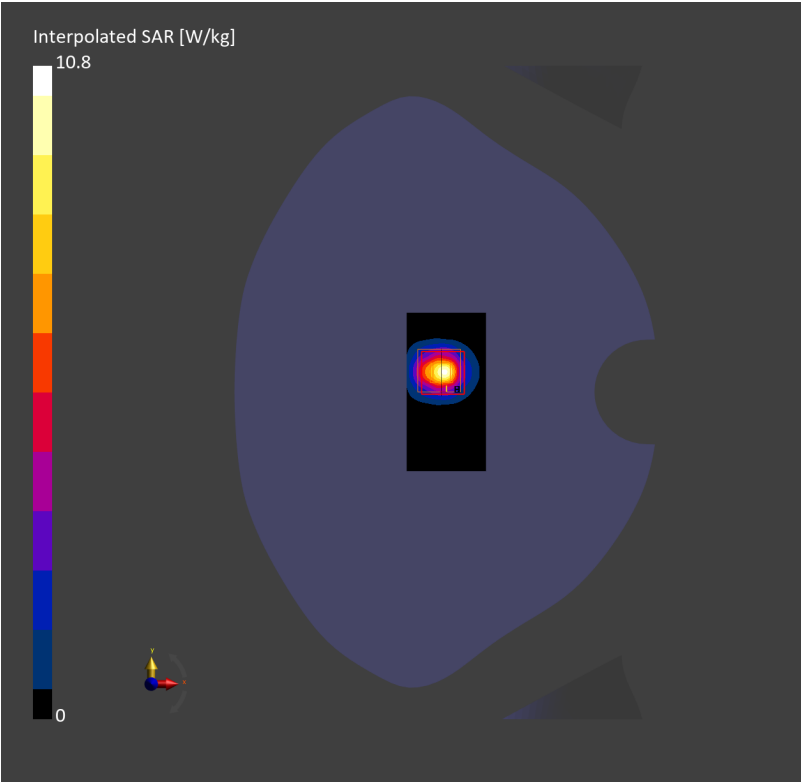
D5GHzV2-SN 1165

Communication System: ; Frequency: 5250.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5250.000$ MHz; $\sigma= 4.65$ S/m; $\epsilon_r = 36.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(5.21, 5.21, 5.21); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - 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) = 6.64 W/kg; SAR (10g) = 2.04 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 = -0.00 dB
SAR (1g) = 7.34 W/kg; SAR (10g) = 2.17 W/kg;
M2/M1 [%]=63.6
Dist 3dB Peak [mm]=7.4



System Performance Check 5600 MHz Head

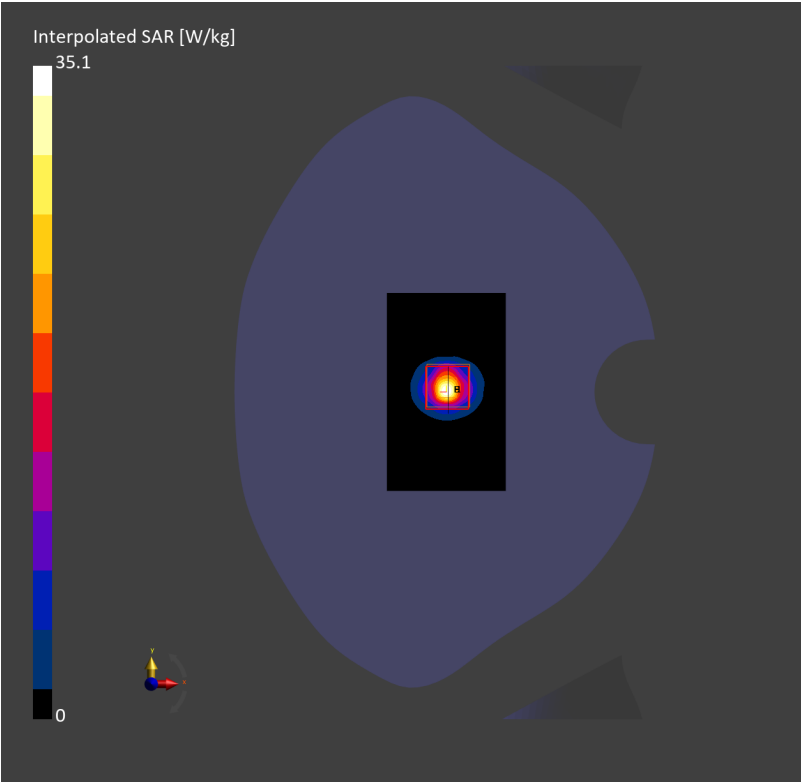
D5GHzV2-SN 1165

Communication System: D5GHz; Frequency: 5600.000
Medium: Head Simulating Liquid. Medium parameters used: $f=5600.000$ MHz; $\sigma=5.00$ S/m; $\epsilon_r=35.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(4.6, 4.6, 4.6); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 8.05 W/kg; SAR (10g) = 2.29 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 = -0.08 dB
SAR (1g) = 8.70 W/kg; SAR (10g) = 2.50 W/kg;
M2/M1 [%]=51.1
Dist 3dB Peak [mm]=7.2



System Performance Check 5750MHz Head

D5GHzV2-SN 1165

Communication System: ; Frequency: 5750.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5750.000$ MHz; $\sigma= 5.20$ S/m; $\epsilon_r = 35.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(4.73, 4.73, 4.73); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - 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) = 7.58 W/kg; SAR (10g) = 2.17 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 = 0.01 dB
SAR (1g) = 7.86 W/kg; SAR (10g) = 2.31 W/kg;
M2/M1 [%]=60.6
Dist 3dB Peak [mm]=7.9

