

Appendix A

Detailed System Check Results

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System Performance Check 2450 MHz
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Measurement Report for Device, , , CW, Channel 0 (2450.000 MHz)

Communication System: ; Frequency: 2450.000

Medium: HSL. Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(7.41, 7.41, 7.41); Calibrated: 2023-10-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1826; Calibrated: 2023-12-27
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
- Measurement Software: cDASY8 V16.2.0.1425

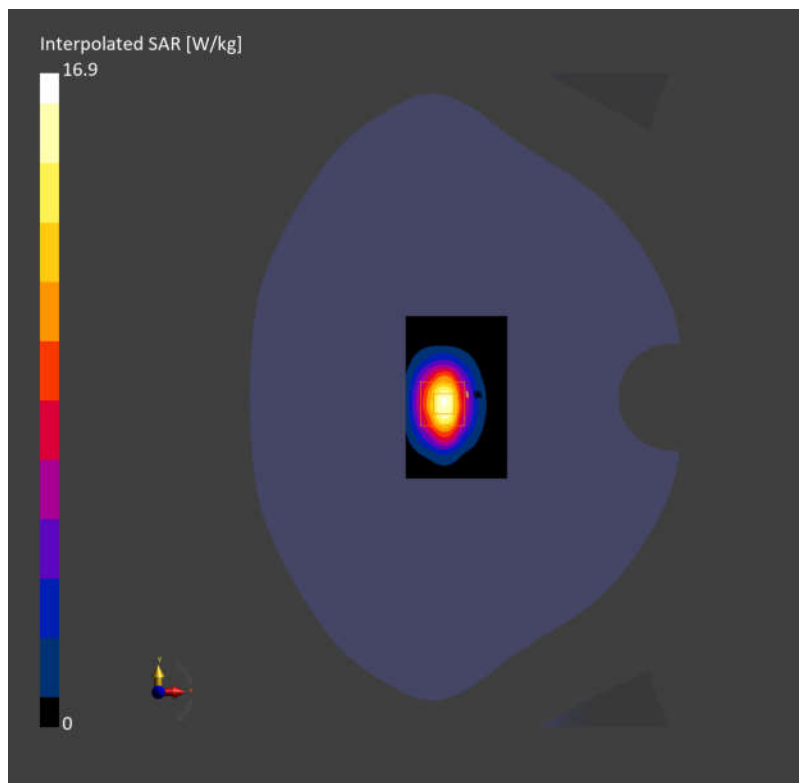
Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 12.8 W/kg; SAR (10g) = 5.98 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 = -0.06 dB

SAR (1g) = 13.2 W/kg; SAR (10g) = 6.29 W/kg;



Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

Communication System: ; Frequency: 5250.000

Medium: HSL. Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.78$ S/m; $\epsilon_r = 35.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.30, 5.30, 5.30); Calibrated: 2023-10-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1826; Calibrated: 2023-12-27
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
- Measurement Software: cDASY8 V16.2.0.1425

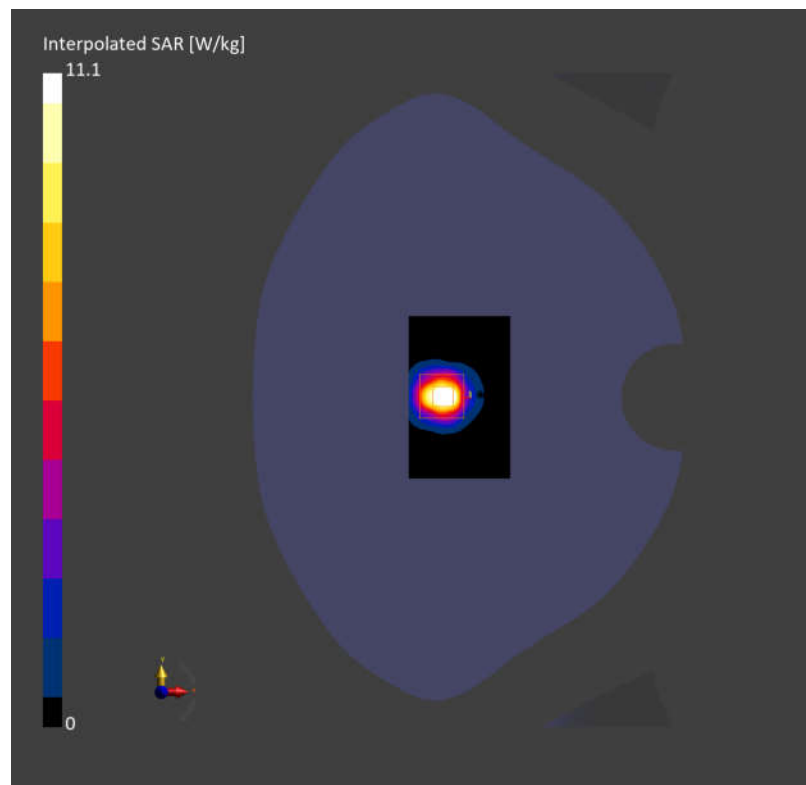
Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.84 W/kg; SAR (10g) = 2.26 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 = 0.06 dB

SAR (1g) = 8.02 W/kg; SAR (10g) = 2.31 W/kg;



Measurement Report for Device, , , CW, Channel 0 (5750.000 MHz)

Communication System: ; Frequency: 5750.000

Medium: HSL. Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.34$ S/m; $\epsilon_r = 34.9$ **DASY8 Configuration:**

- Probe: EX3DV4 - SN7735; ConvF(4.79, 4.79, 4.79); Calibrated: 2023-10-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1826; Calibrated: 2023-12-27
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
- Measurement Software: cDASY8 V16.2.0.1425

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.39 W/kg; SAR (10g) = 1.93 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 = 0.06 dB

SAR (1g) = 8.01 W/kg; SAR (10g) = 2.28 W/kg;