

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 2450 MHz Head
System Performance Check 5250 MHz Head
System Performance Check 5750 MHz Head

System Performance Check 2450MHz Head**D2450V2-SN 733**

Communication System: D2450; Frequency: 2450.000

Medium: HSL. Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn702; Calibrated: 2023-11-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

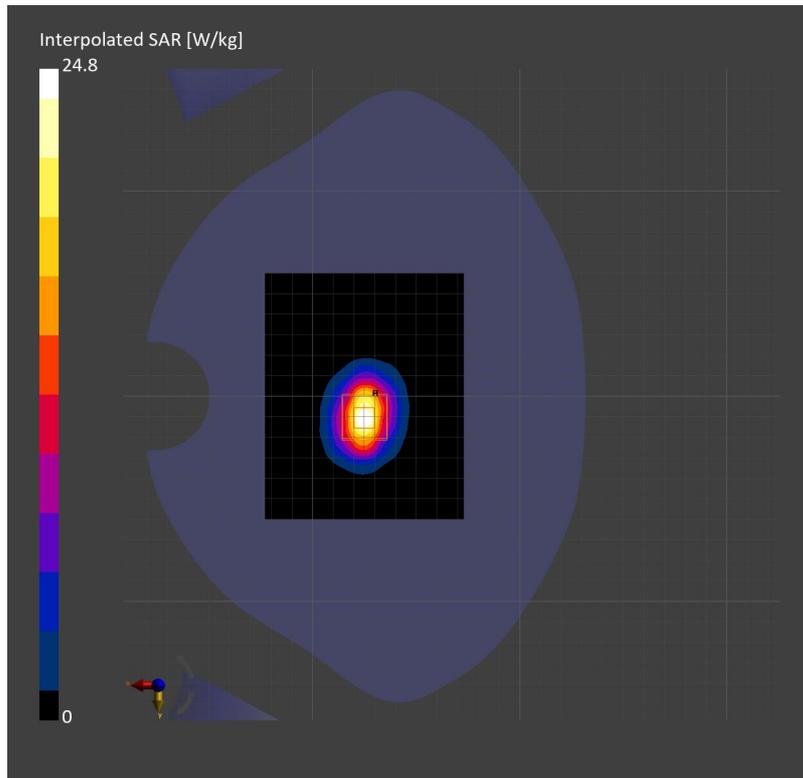
Area Scan (96.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 12.9 W/kg; SAR (10g) = 5.97 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 = 0.00 dB

SAR (1g) = 12.8 W/kg; SAR (10g) = 6.17 W/kg;



System Performance Check 5250 MHz Head**D5GHzV2-SN 1165**

Communication System: D5GHz; Frequency: 5250.000

Medium: HSL. Medium parameters used: $f=5250.000$ MHz; $\sigma=4.85$ S/m; $\epsilon_r=36.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.6, 5.6, 5.6); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn702; Calibrated: 2023-11-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

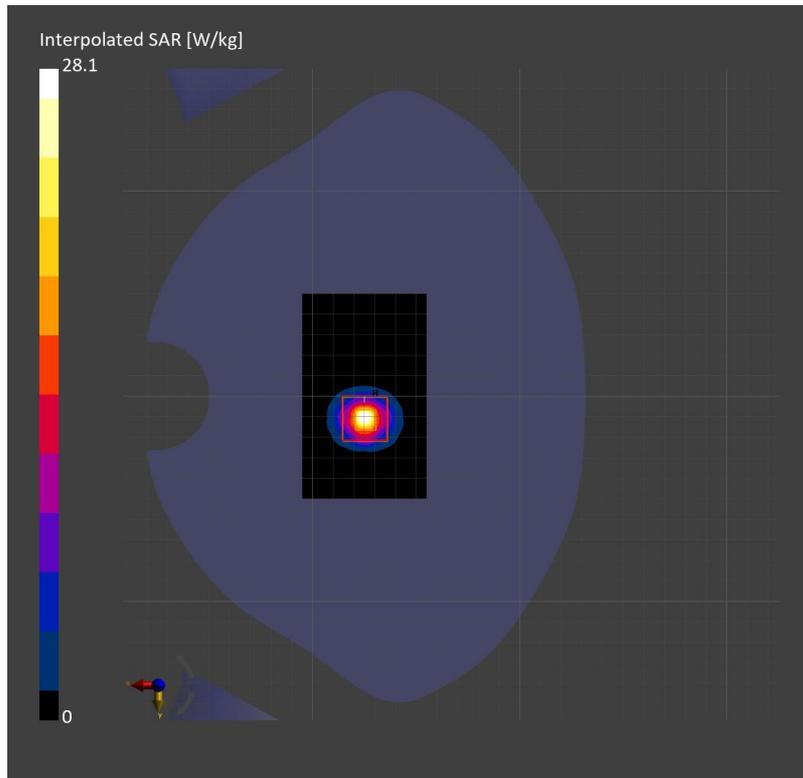
Area Scan (60.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.09 W/kg; SAR (10g) = 1.77 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 = -0.01 dB

SAR (1g) = 8.16 W/kg; SAR (10g) = 2.41 W/kg;



System Performance Check 5750 MHz Head**D5GHzV2-SN 1165**

Communication System: D5GHz; Frequency: 5750.000

Medium: HSL. Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.43$ S/m; $\epsilon_r = 35.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.16, 5.16, 5.16); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn702; Calibrated: 2023-11-17
- 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) = 6.79 W/kg; SAR (10g) = 2.01 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 = 0.01 dB

SAR (1g) = 7.98 W/kg; SAR (10g) = 2.30 W/kg;

