

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

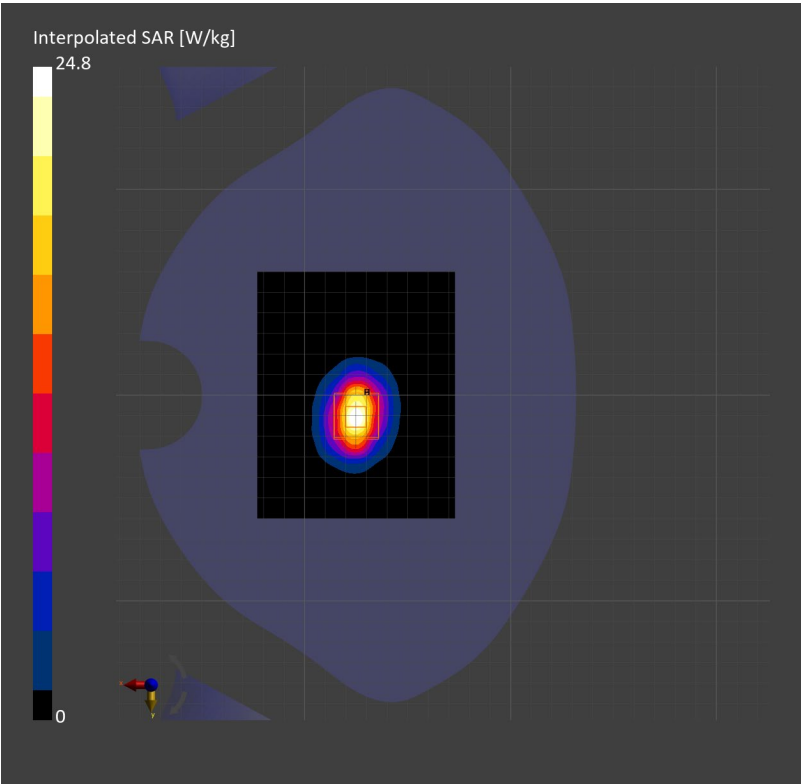
D2450V2-SN 733

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

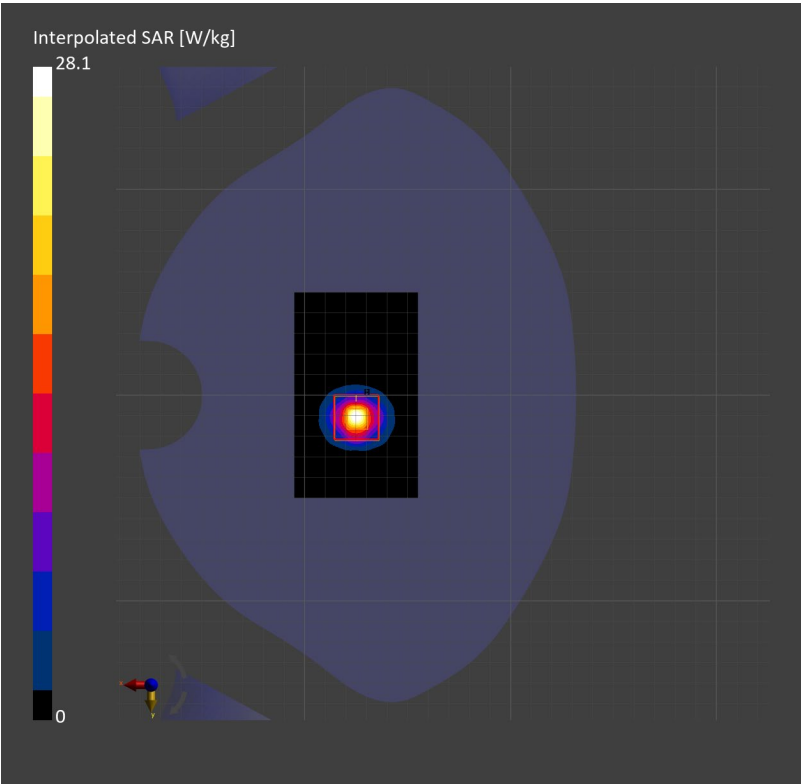
D5GHzV2-SN 1165

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;

