

Appendix A

Detailed System Check Results

1. System Performance Check

System Performance Check 2450 MHz Head



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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 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
 - 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) = 12.3 W/kg; SAR (10g) = 5.75 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 = -0.04 dB
SAR (1g) = 11.9 W/kg; SAR (10g) = 5.81 W/kg;

