

Appendix A

Detailed System Check Results

1. System Performance Check

System Performance Check 2450 MHz Head



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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; $\sigma=1.76$ S/m; $\epsilon_r=39.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (96.0 mm x 108.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 13.4 W/kg; SAR (10g) = 6.13 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 = -0.10 dB
SAR (1g) = 12.7 W/kg; SAR (10g) = 5.98 W/kg;

