

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

D2450V2-SN 733

Communication System: ; Frequency: 2450.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2450.000 MHz; σ = 1.81 S/m; ϵ_r = 38.6

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm
SAR (1g) = 13.9 W/kg; SAR (10g) = 6.57 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 = -0.15 dB
SAR (1g) = 13.8 W/kg; SAR (10g) = 6.42 W/kg;
M2/M1 [%]=79.1
Dist 3dB Peak [mm]=9.1

