

# 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;  $\sigma=1.82$  S/m;  $\epsilon_r=41.0$

- 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 V16.2.4.2524

Area Scan (80.0 mm x 105.0 mm): Measurement Grid: 15.0 mm x 15.0 mm  
SAR (1g) = 13.8 W/kg; SAR (10g) = 6.34 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm  
Power Drift = 0.02 dB  
SAR (1g) = 13.56 W/kg; SAR (10g) = 6.49 W/kg;

