

# Appendix A

## Detailed System Check Results

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|----------------------------------------|
| 1. System Performance Check            |
| System Performance Check 2450 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;  $\sigma=1.83$  S/m;  $\epsilon_r=39.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-7-17
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4ip Sn1830; Calibrated: 2023-9-12
  - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
  - 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) = 13.1 W/kg; SAR (10g) = 6.42 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 = -0.07 dB  
SAR (1g) = 14.0 W/kg; SAR (10g) = 6.59 W/kg;

