

# 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;  $\sigma = 1.86$  S/m;  $\epsilon_r = 38.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- 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) = 13.0 W/kg; SAR (10g) = 6.35 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 = -0.01 dB

SAR (1g) = 14.1 W/kg; SAR (10g) = 6.57 W/kg;

