

Appendix A

Detailed System Check Results

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;

