

Appendix A

Detailed System Check Results

System Performance Check for 2450 MHz Head

SGS-SAR Lab Date: 2024-03-26

System Performance Check 2450 MHz Head

D2450V2-SN 733

Communication System: D2450; Frequency: 2450.000

Medium: HSL. Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 38.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- 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) = 11.2 W/kg; SAR (10g) = 5.53 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 = -0.03 dB

SAR (1g) = 13.8 W/kg; SAR (10g) = 6.51 W/kg;

