

# Appendix A

## Detailed System Check Results

### 1. System Performance Check

#### System Performance Check 2450 MHz Head



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**System Performance Check 2450MHz Head****D2450V2-SN 733**

Communication System: D2450; Frequency: 2450.000

Medium: Head Simulating Liquid. Medium parameters used:  $f = 2450.000$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 39.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

**Area Scan (96.0 mm x 108.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 13.4 W/kg; SAR (10g) = 6.13 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 = -0.10 dB

SAR (1g) = 12.7 W/kg; SAR (10g) = 5.98 W/kg;

