



# Appendix A

## Detailed System Check Results

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| 1. System Performance Check |
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| System Performance Check 2450 MHz Head |
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Date: 2024/11/25

Test Laboratory: LCS-SAR Lab

**System Check 2450 MHz****DUT: D2450V2; Type: D2450V2; Serial: 808**

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 40.415$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (4x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 15.6 W/kg

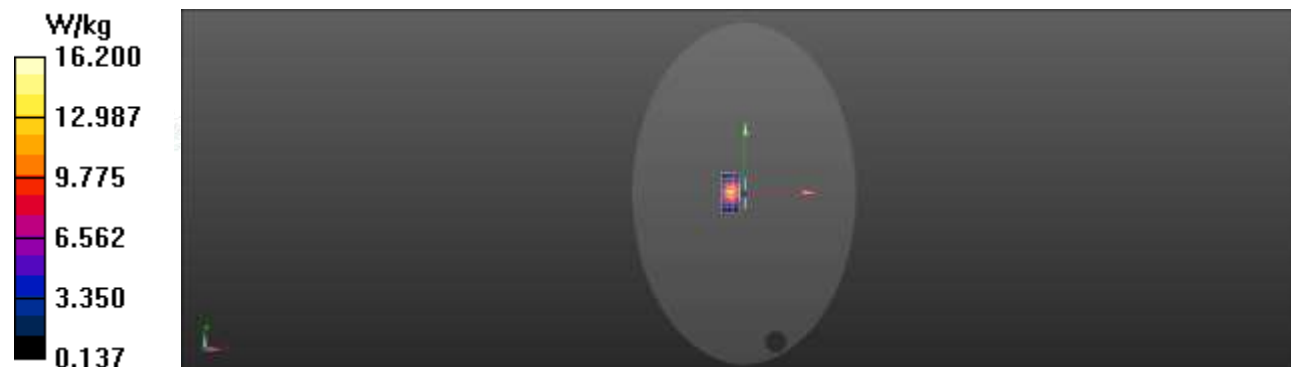
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.25 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 22.3W/kg

**SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 16.2W/kg



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