

# Appendix A

## Detailed System Check Results

1. System Performance Check
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System Performance Check 13 MHz Head
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Test Laboratory: SGS-SAR Lab

## System Check\_Head\_13MHz

**DUT: CLA-13; Type: CLA-13; Serial: 1032**

Communication System: UID 0, CW (0); Frequency: 13 MHz; Duty Cycle: 1:1

Medium: HSL\_13; Medium parameters used:  $f = 13$  MHz;  $\sigma = 0.726$  S/m;  $\epsilon_r = 54.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(18.47, 18.47, 18.47); Calibrated: 2023-01-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023-11-03
- Phantom: SAR 8-2; Type: EL4; Serial: TP:1143
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Pin=250mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.146 W/kg

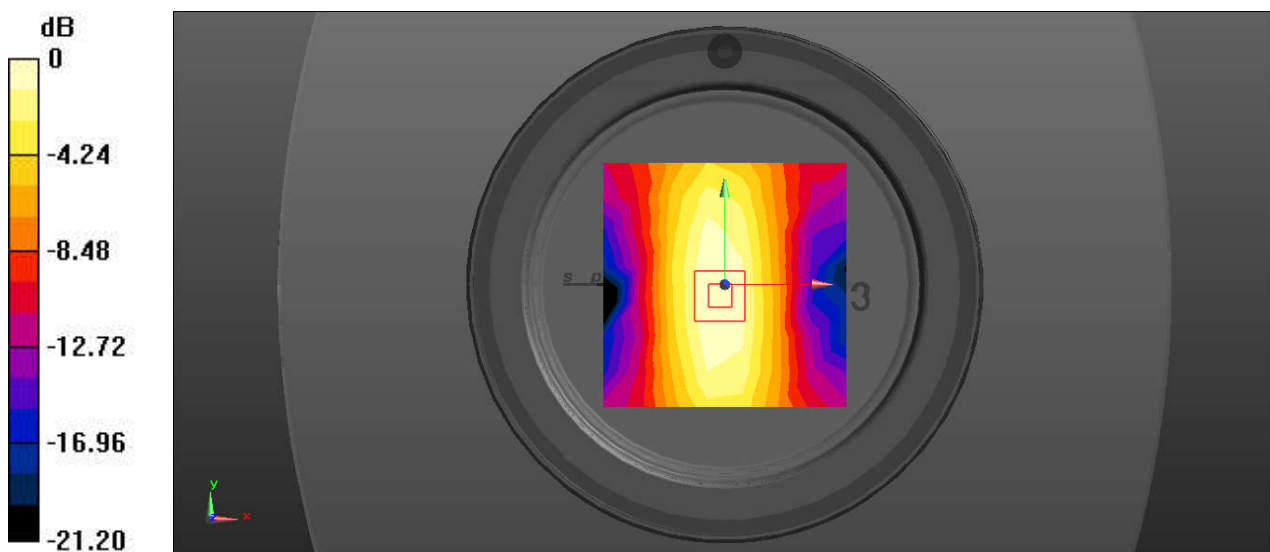
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.52 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.157 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg