



**SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd**

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# Appendix A

## Detailed System Check Results

### 1. System Performance Check

#### System Performance Check 13MHz Head

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Test Laboratory: SGS-SAR Lab

## System Check\_Head\_13MHz

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

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

Medium: HSL13; Medium parameters used:  $f = 13$  MHz;  $\sigma = 0.747$  S/m;  $\epsilon_r = 55.946$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(13.44, 13.44, 13.44); Calibrated: 2023/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 3; Type: ELI5; 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 = 14.72 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.203 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.165 W/kg

