



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

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Rev.: 01

# 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:  $f = 13 \text{ MHz}$ ;  $\sigma = 0.766 \text{ S/m}$ ;  $\epsilon_r = 57.257$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(14.53, 14.51, 14.55); Calibrated: 2024/09/19
- 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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.153 \text{ W/kg}$

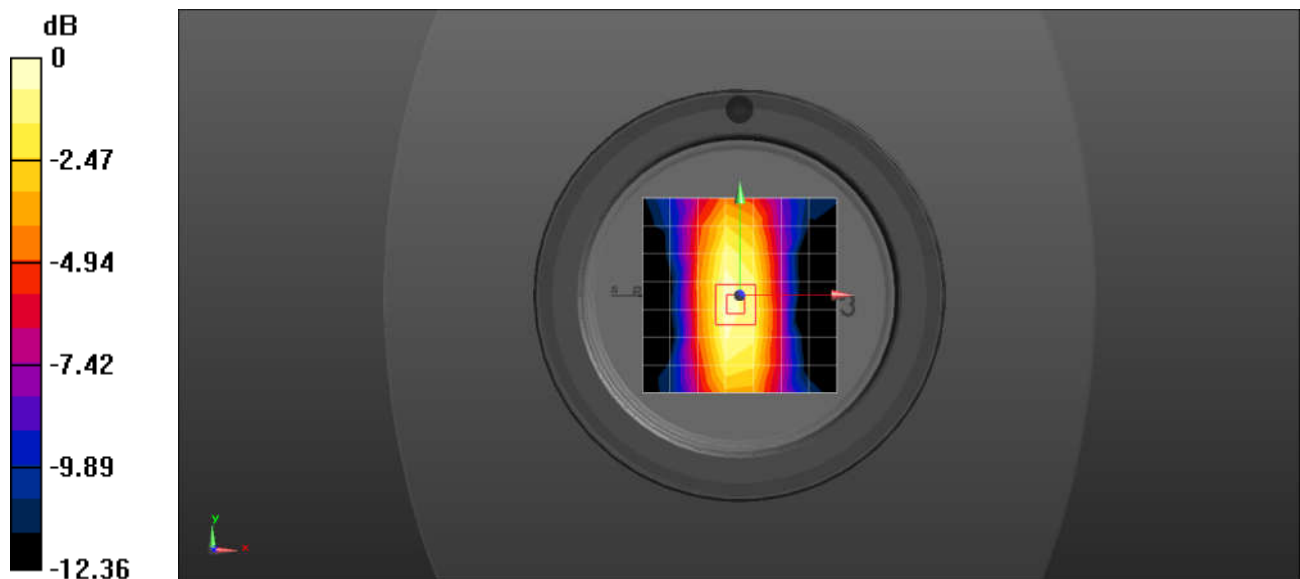
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.21 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.197 \text{ W/kg}$

**SAR(1 g) =  $0.114 \text{ W/kg}$ ; SAR(10 g) =  $0.072 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.164 \text{ W/kg}$



0 dB =  $0.164 \text{ W/kg}$  =  $-7.85 \text{ dBW/kg}$