

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/1/9

System Check_Head_13MHz

DUT: CLA13-1022

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

Medium: HSL_13M_250109 Medium parameters used: $f = 13$ MHz; $\sigma = 0.719$ S/m; $\epsilon_r = 53.518$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(16.65, 15.49, 16.14) @ 13 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn703; Calibrated: 2024/4/22
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=1000mW/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.928 W/kg

Pin=1000mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.48 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.334 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 0.811 W/kg

