

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

Date: 2024/10/29

System Check_13MHz

DUT: CLA-13-SN:1023

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

Medium: HSL_13 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.751 \text{ S/m}$; $\epsilon_r = 56.188$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(17.87, 19.97, 18.31); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2024/1/25
- Phantom: ELI V8.0 (Left); Type: QD OVA 004 AA; Serial: 2131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (141x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.202 W/kg

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

Reference Value = 16.85 V/m ; Power Drift = 0.08 dB

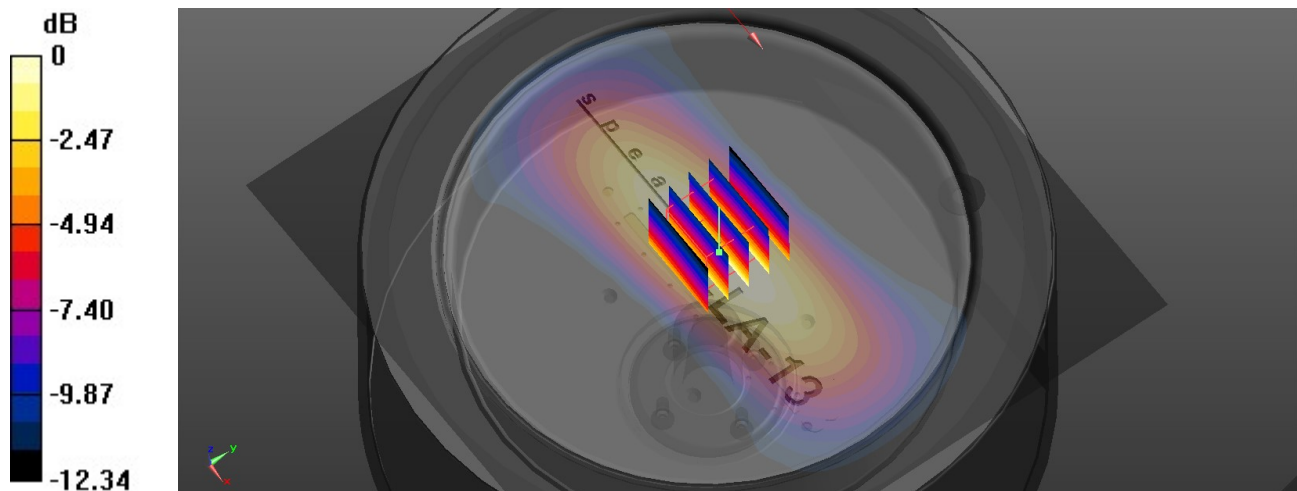
Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.155 W/kg ; SAR(10 g) = 0.086 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 54%

Maximum value of SAR (measured) = 0.206 W/kg



$0 \text{ dB} = 0.206 \text{ W/kg} = -6.95 \text{ dBW/kg}$