

System Check_Head_13MHz

DUT: CLA13 - SN:1020

Communication System: ; Frequency: 13.000

Medium: HSL. Medium parameters used: $f= 13.000$ MHz; $\sigma= 0.757$ S/m; $\epsilon_r = 53.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(16.1, 16.1, 16.1); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2023-04-24
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135
- Measurement Software: 16.2.4.2448

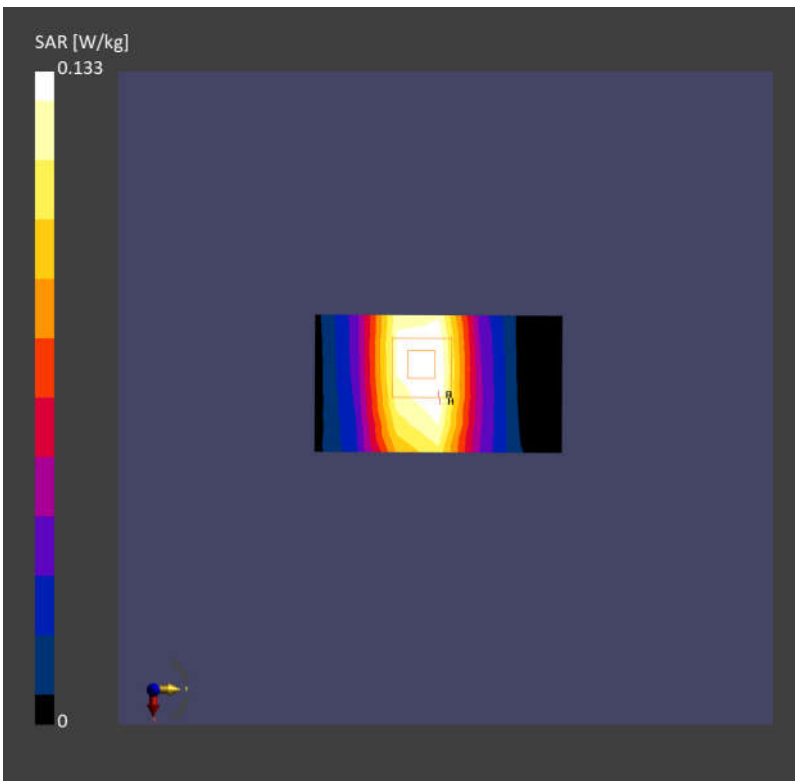
Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.130 W/kg; SAR (10g) = 0.089 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.133 W/kg; SAR (10g) = 0.090 W/kg;



System Check_Head_13MHz

DUT: CLA-13

Communication System: UID 0, CW (0); Frequency: 13 MHz; Duty Cycle: 1:1
Medium: HSL_13 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.726 \text{ S/m}$; $\epsilon_r = 54.258$; $\rho = 1000 \text{ kg/m}^3$

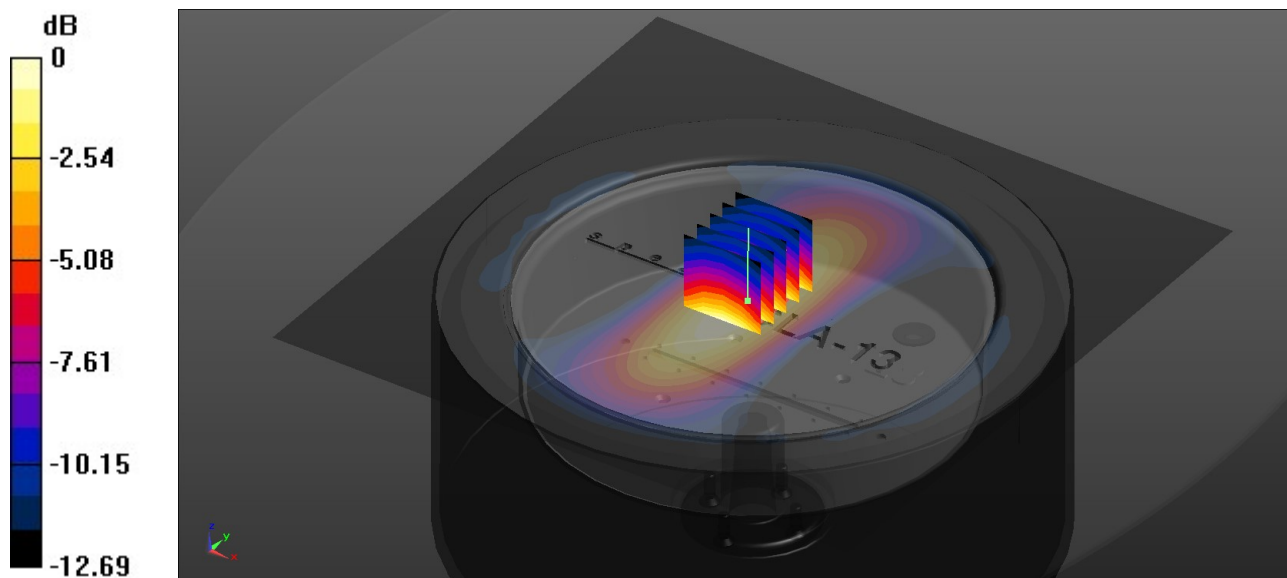
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(16.1, 16.1, 16.1); Calibrated: 2024-01-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: ELI V5.0 (20deg probe tilt); Type: TP-1201
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=250mW/Area Scan (161x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.148 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 = 14.01 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



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