

System Check_Head_13MHz

DUT: CLA13-1011

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

Medium: HSL_13_240513 Medium parameters used : $f = 13 \text{ MHz}$; $\sigma = 0.728 \text{ S/m}$; $\epsilon_r = 54.796$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.48, 18.48, 18.48) @ 13 MHz; Calibrated: 2023/10/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1805; Calibrated: 2023/5/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=1000mW/Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.749 W/kg

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

Reference Value = 31.39 V/m ; Power Drift = -0.02 dB

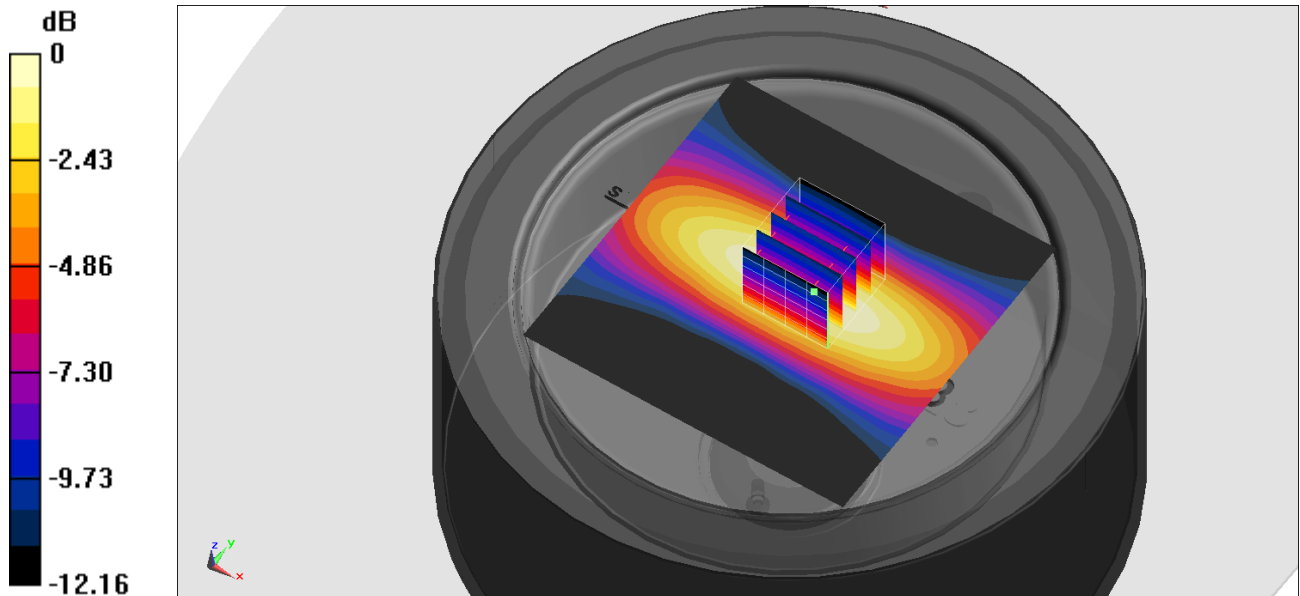
Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.494 W/kg ; SAR(10 g) = 0.307 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.741 W/kg = -1.30 dBW/kg