

## System Check\_Head\_13MHz

### DUT: CLA13-1011

Communication System: CW; Frequency: 13 MHz; Duty Cycle: 1:1

Medium: HSL\_13\_220603 Medium parameters used:  $f = 13 \text{ MHz}$ ;  $\sigma = 0.728 \text{ S/m}$ ;  $\epsilon_r = 54.354$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.36, 18.36, 18.36) @ 13 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.241 \text{ W/kg}$

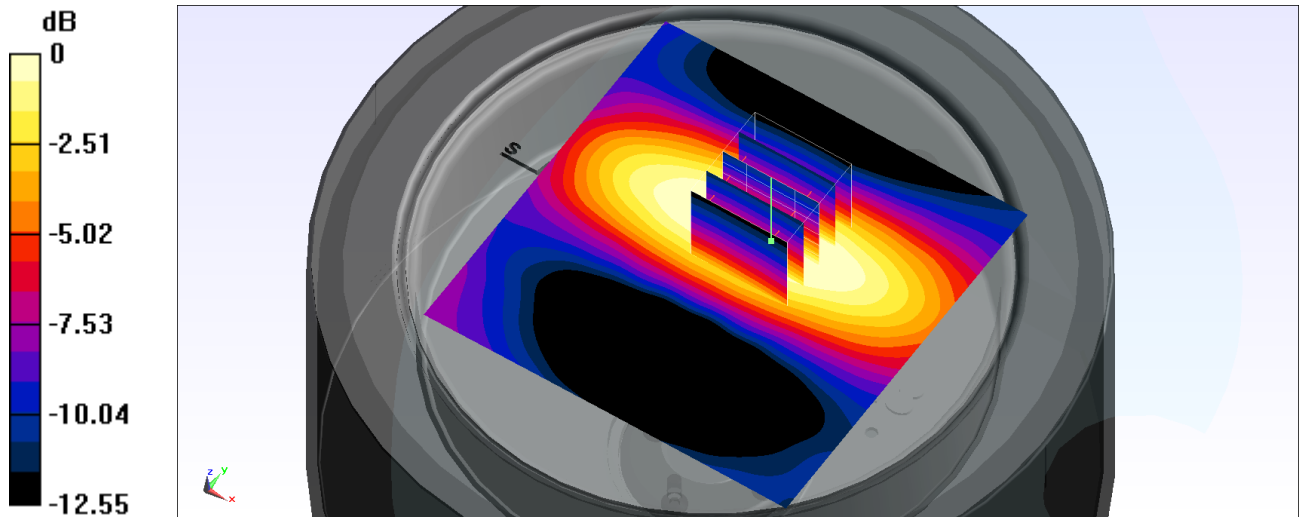
**Pin=250mW/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.62 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

Peak SAR (extrapolated) =  $0.261 \text{ W/kg}$

**SAR(1 g) =  $0.143 \text{ W/kg}$ ; SAR(10 g) =  $0.088 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.210 \text{ W/kg}$



$0 \text{ dB} = 0.210 \text{ W/kg} = -6.78 \text{ dBW/kg}$