

## System Check\_Head\_13MHz

### DUT: CLA13-1011

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

Medium: HSL\_4~250\_230508 Medium parameters used :  $f = 13 \text{ MHz}$ ;  $\sigma = 0.728 \text{ S/m}$ ;  $\epsilon_r = 53.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(16.39, 16.39, 16.39) @ 13 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2022/11/18
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) =  $0.749 \text{ W/kg}$

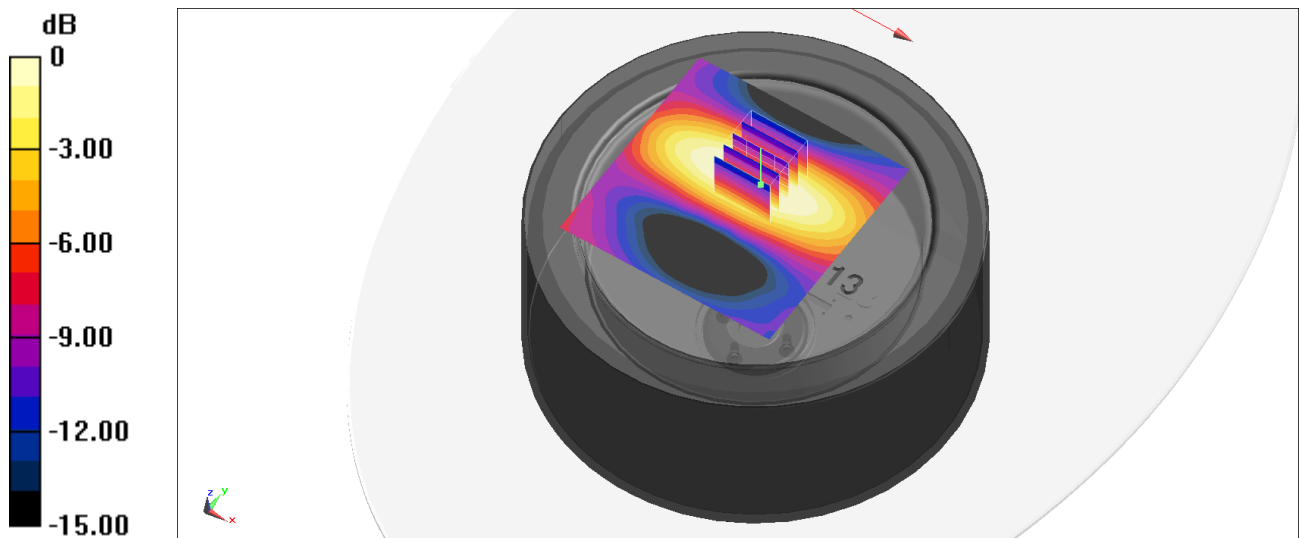
**Pin=1000mW/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $34.20 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $1.05 \text{ W/kg}$

**SAR(1 g) =  $0.507 \text{ W/kg}$ ; SAR(10 g) =  $0.315 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.757 \text{ W/kg}$



0 dB =  $0.757 \text{ W/kg}$  =  $-1.21 \text{ dBW/kg}$