

## 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:  $f = 13 \text{ MHz}$ ;  $\sigma = 0.772 \text{ S/m}$ ;  $\epsilon_r = 55.82$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

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 Sn1437; Calibrated: 2024/3/14
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: TP:1233
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) =  $0.488 \text{ W/kg}$

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

Reference Value =  $22.03 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

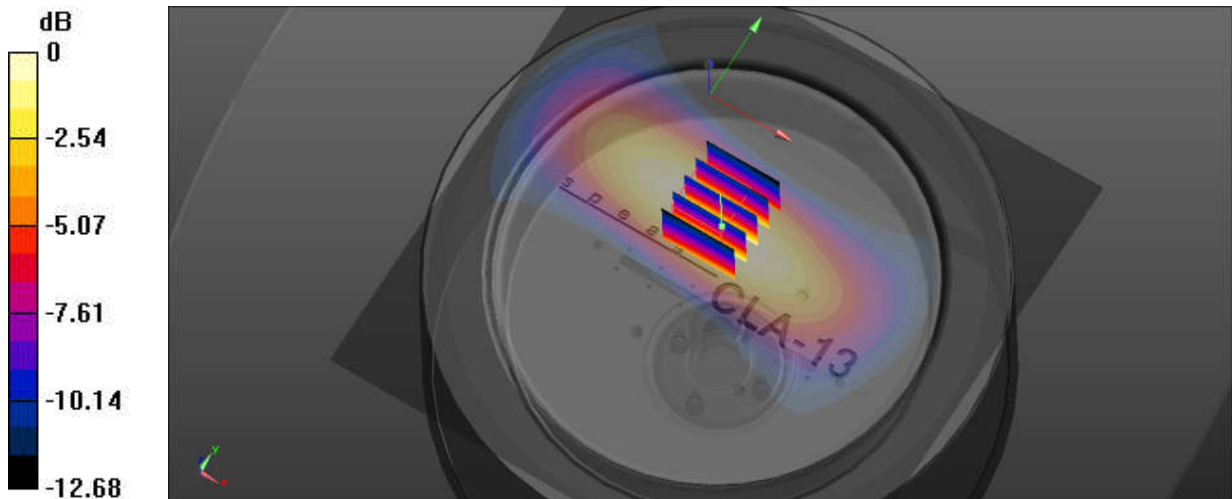
Peak SAR (extrapolated) =  $1.11 \text{ W/kg}$

**SAR(1 g) =  $0.157 \text{ W/kg}$ ; SAR(10 g) =  $0.086 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $14.4 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $53.9\%$

Maximum value of SAR (measured) =  $0.483 \text{ W/kg}$



0 dB =  $0.883 \text{ W/kg}$  =  $-0.54 \text{ dBW/kg}$