

## System Check\_Head\_13MHz

### DUT: CLA13-1011

Communication System: UID 0, CW; Frequency: 13 MHz

Medium: HSL\_13\_240613 Medium parameters used:  $f = 13$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 53.55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 Sn661; Calibrated: 2024/5/16
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.779 W/kg

**Pin=1000mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.38 V/m; Power Drift = -0.04 dB

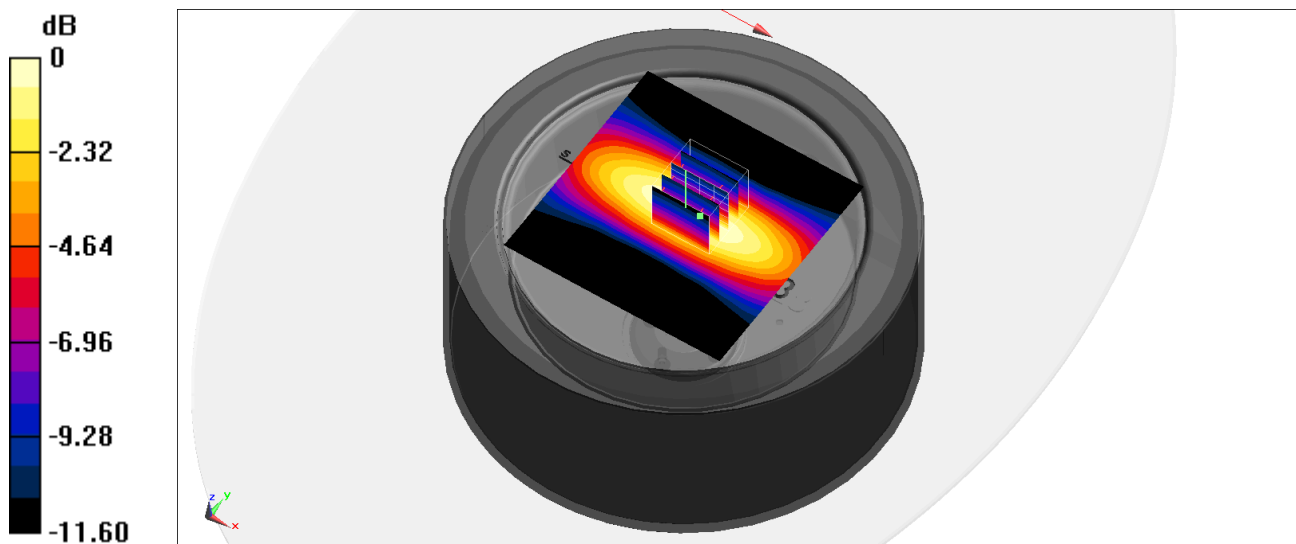
Peak SAR (extrapolated) = 0.986 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.318 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) = 0.770 W/kg



0 dB = 0.770 W/kg = -1.14 dBW/kg