

Appendix A - System Verification

Test Laboratory: TUV Inc.

Date: 2026/4/10

System Check_HSL13MHz

DUT: CLA-13 - SN1028

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

Medium: HSL13_260410 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.751 \text{ S/m}$; $\epsilon_r = 55.29$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Electronics: DAE4 Sn1356; Calibrated: 2025/12/9
- Probe: EX3DV4 - SN7400; ConvF(15.91, 15.26, 19.06) @ 13 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=100mW/Area Scan (19x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0760 W/kg

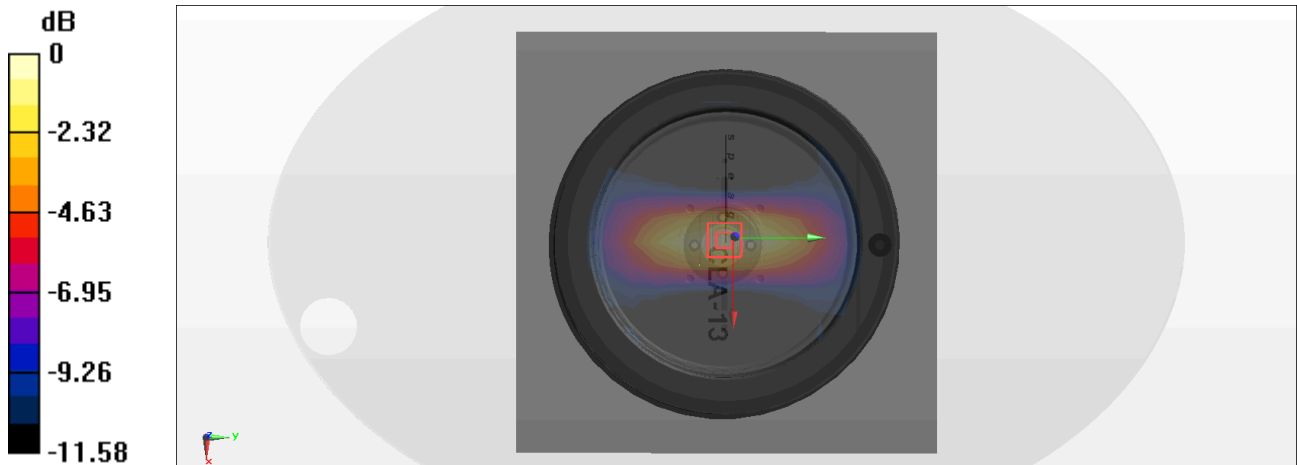
Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.09 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0768 W/kg



0 dB = 0.0768 W/kg = -11.15 dBW/kg