

## 01\_NFC\_ASK\_13.56MHz\_Back\_0mm

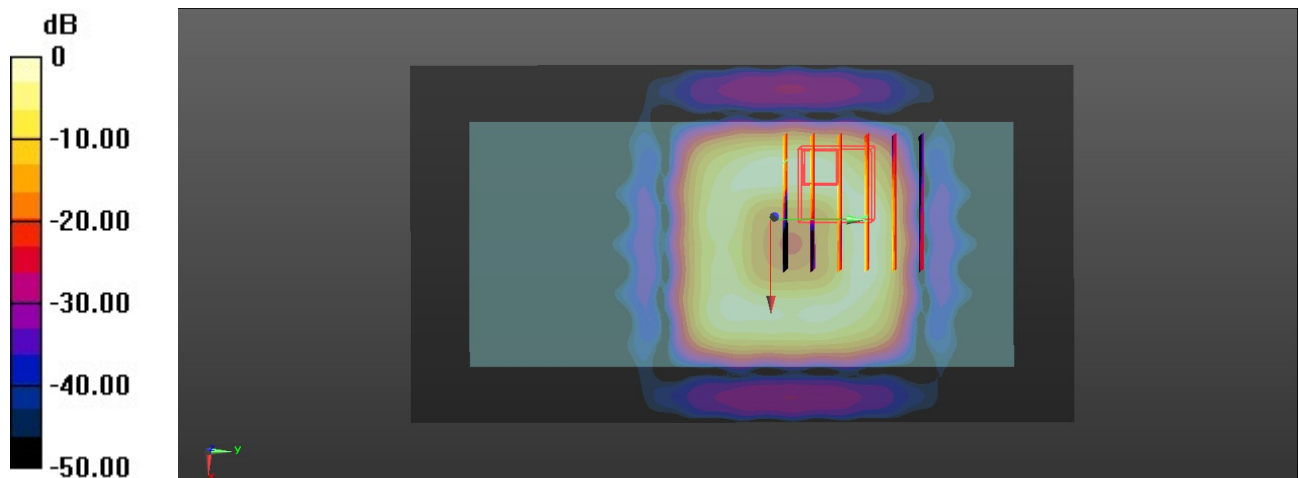
Communication System: UID 0, NRF (0); Frequency: 13.56 MHz; Duty Cycle: 1:1  
 Medium: HSL\_13\_230318 Medium parameters used:  $f = 14 \text{ MHz}$ ;  $\sigma = 0.753 \text{ S/m}$ ;  $\epsilon_r = 54.139$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(19.14, 19.14, 19.14); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: ELI V5.0 (Right); Type: QD OVA 002 AA; Serial: 1149
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0733 W/kg

**Ch/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 0.5580 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 0.0990 W/kg  
**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00707 W/kg**  
 Maximum value of SAR (measured) = 0.0634 W/kg



0 dB = 0.0733 W/kg