

**#01\_NFC\_ASK13.56M\_Back\_0mm**

Communication System: WPT; Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL\_13\_220705 Medium parameters used :  $f = 13.56$  MHz;  $\sigma = 0.729$  S/m;  $\epsilon_r = 54.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.36, 18.36, 18.36) @ 13.56 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2022/2/28
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

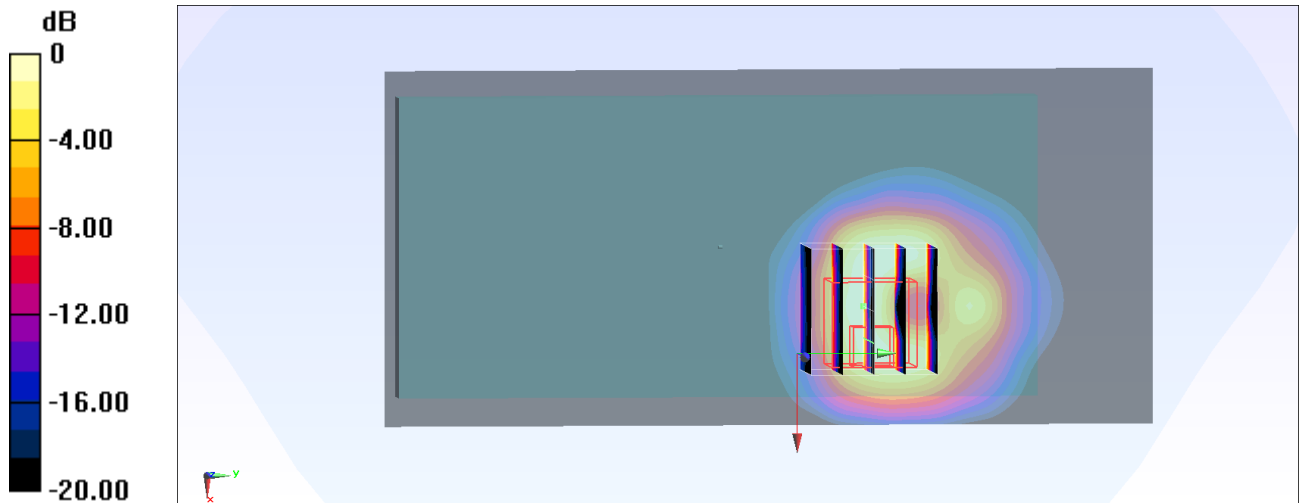
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.060 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg