

## #01\_NFC\_ASK\_Bottom Face\_0mm\_13.56MHz

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

Medium: HSL\_4~250\_220617 Medium parameters used :  $f = 13.56$  MHz;  $\sigma = 0.728$  S/m;  $\epsilon_r = 53.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(18.24, 18.24, 18.24) @ 13.56 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0757 W/kg

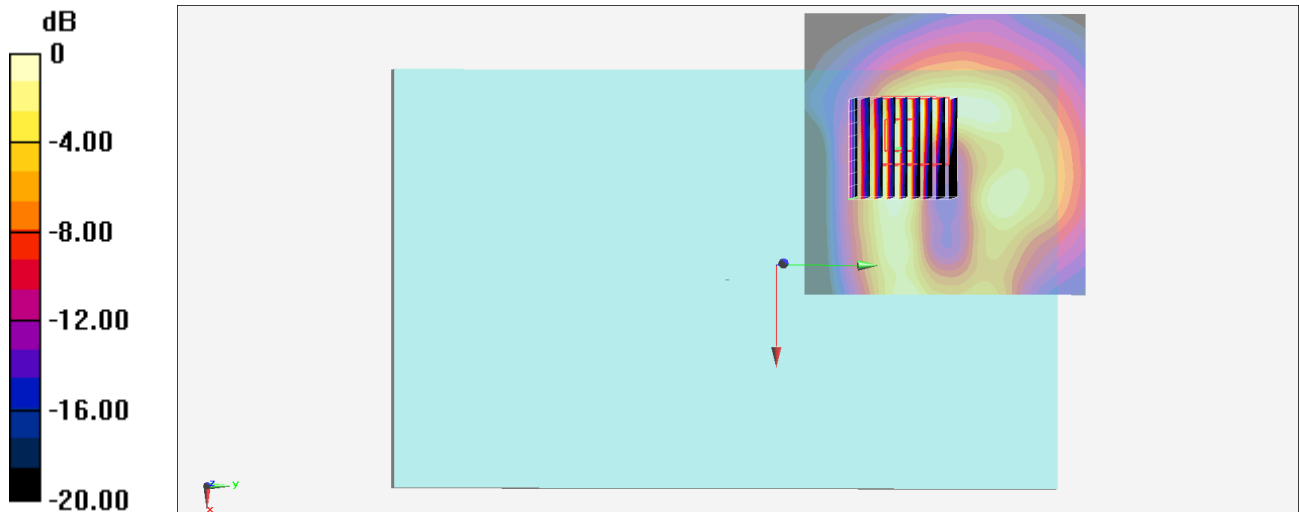
**Zoom Scan (9x9x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.804 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0810 W/kg



0 dB = 0.0810 W/kg = -10.92 dBW/kg