

#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/m³

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

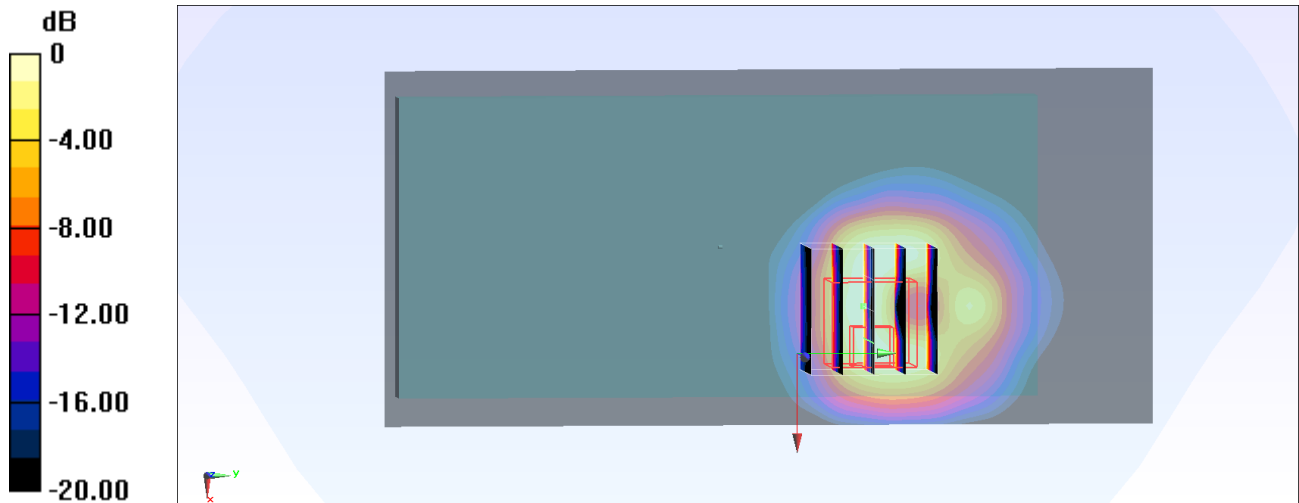
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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