

#01_NFC_ASK13.56M_Back_0mm

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

Medium: HSL_13_220603 Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.729$ S/m; $\epsilon_r = 54.343$; $\rho = 1000$ 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 Sn699; Calibrated: 2022/2/24
- Phantom: SAM_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.175 W/kg

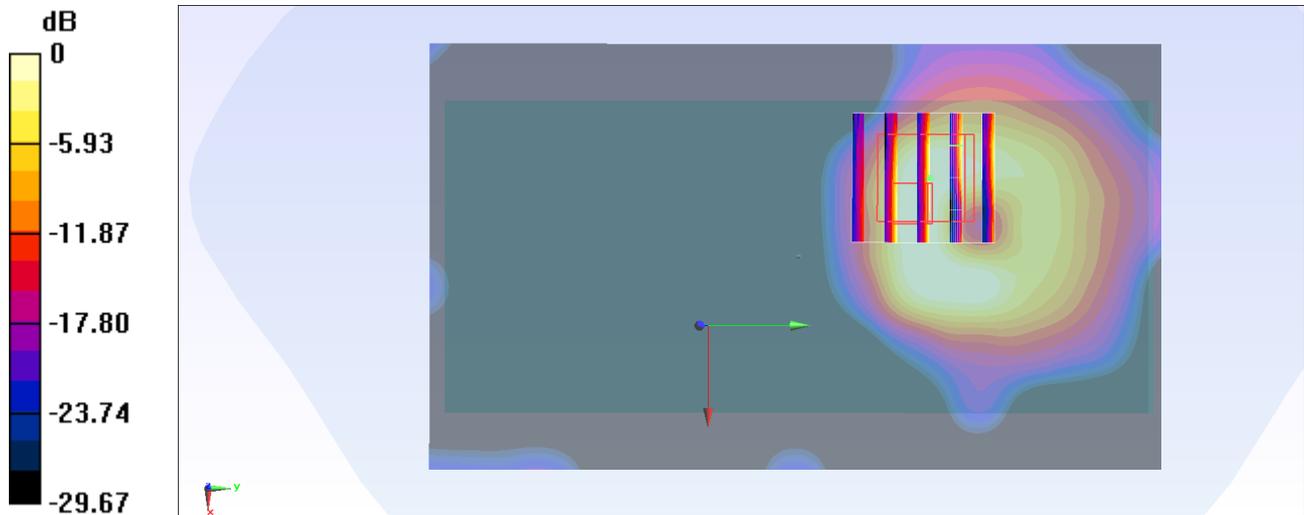
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.05 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg