

#01_RFID_Right Side_6mm

Communication System: RFID; Frequency: 914.75 MHz

Medium: HSL_600-7200_260527 Medium parameters used: $f = 915$ MHz; $\sigma = 0.949$ S/m; $\epsilon_r = 43.235$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.2, 8.93, 9.41) @ 914.75 MHz; Calibrated: 2025/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1794; Calibrated: 2026/2/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1685
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

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

Reference Value = 5.202 V/m; Power Drift = -0.15 dB

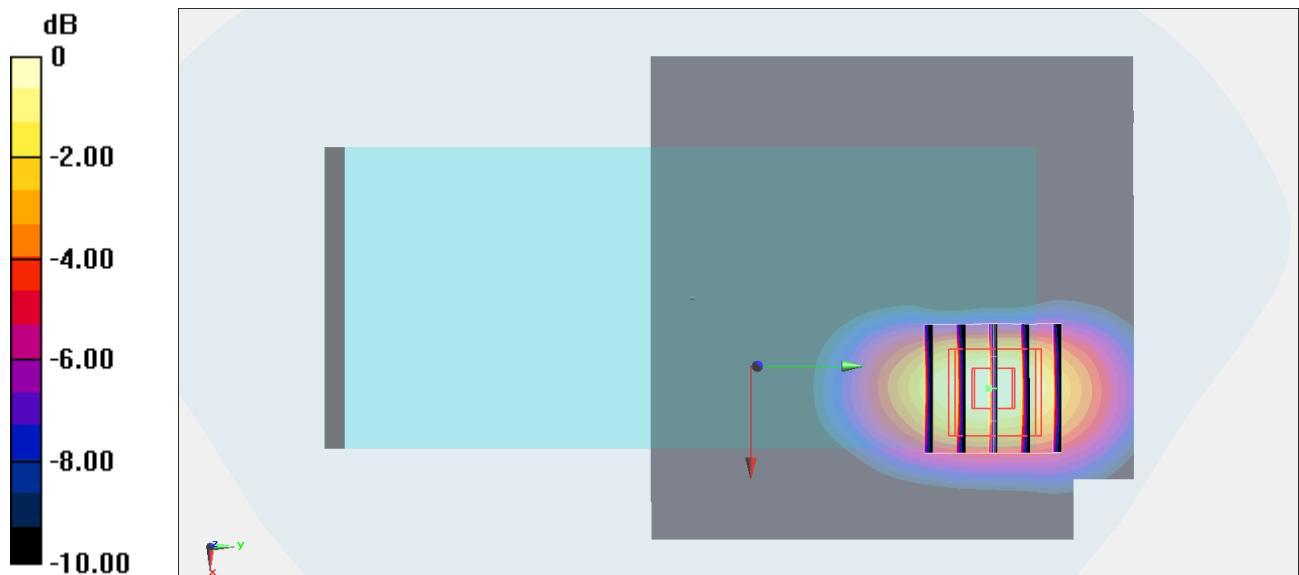
Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.463 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg