

#01_RFID_ASK_Front_21mm_Ch927.25;Ant RFID

Communication System: RFID; Frequency: 927.25 MHz

Medium: HSL_600~7200_260208 Medium parameters used: $f = 927.25$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 43.295$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(8.76, 9.07, 8.85) @ 927.25 MHz; Calibrated: 2025/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2025/10/15
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.32 W/kg

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

Reference Value = 62.32 V/m; Power Drift = -0.05 dB

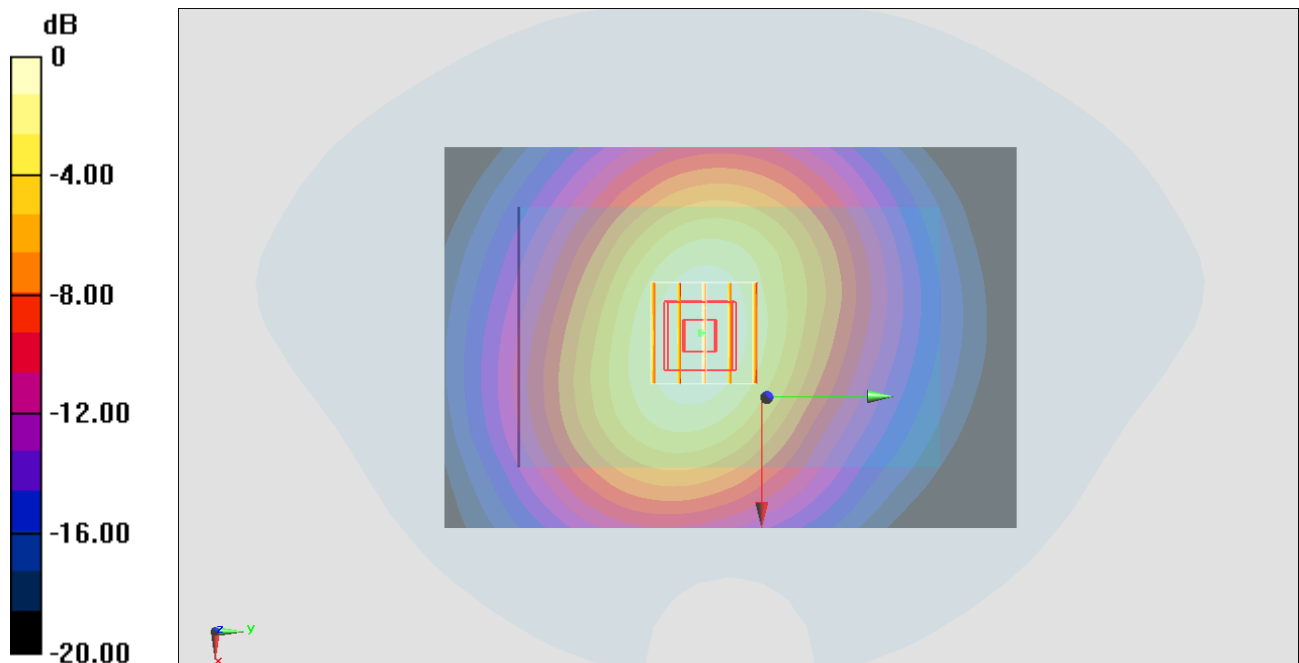
Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 72.9%

Maximum value of SAR (measured) = 3.25 W/kg



0 dB = 3.25 W/kg = 5.12 dBW/kg