

#01_RFID_ASK_Front_21mm_902.75MHz

Communication System: CW; Frequency: 902.75 MHz; Duty Cycle: 1:1.147

Medium: HSL_900_210706 Medium parameters used: $f = 903 \text{ MHz}$; $\sigma = 0.971 \text{ S/m}$; $\epsilon_r = 40.015$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN7625; ConvF(9.68, 9.68, 9.68) @ 902.75 MHz; Calibrated: 2021/1/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.25 W/kg

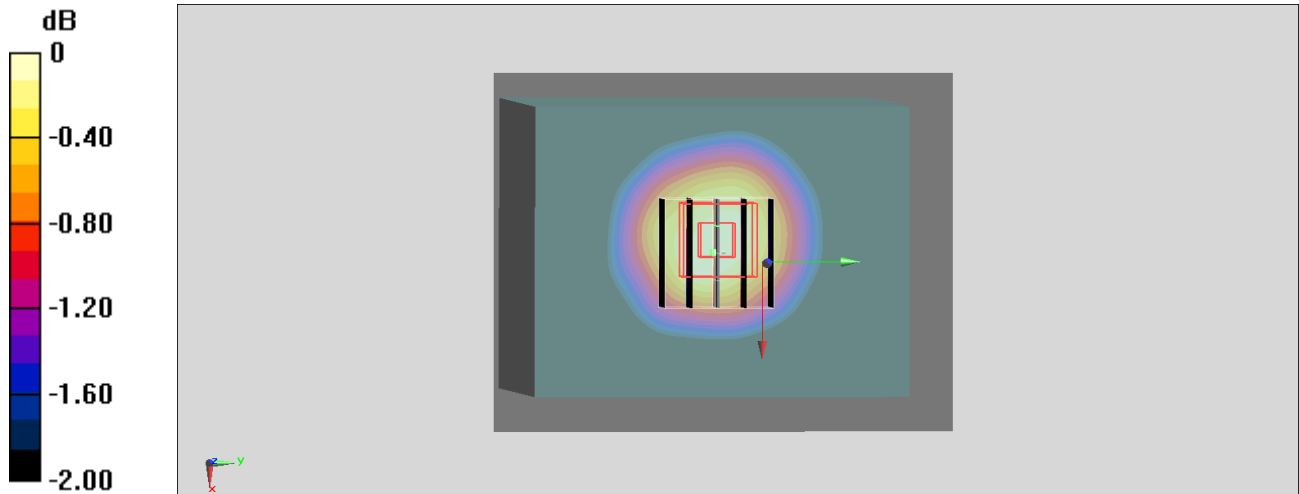
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.54 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.921 W/kg ; SAR(10 g) = 0.718 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg