

## #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:  $f = 903$  MHz;  $\sigma = 0.971$  S/m;  $\epsilon_r = 40.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 mm, dy=1.500 mm

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

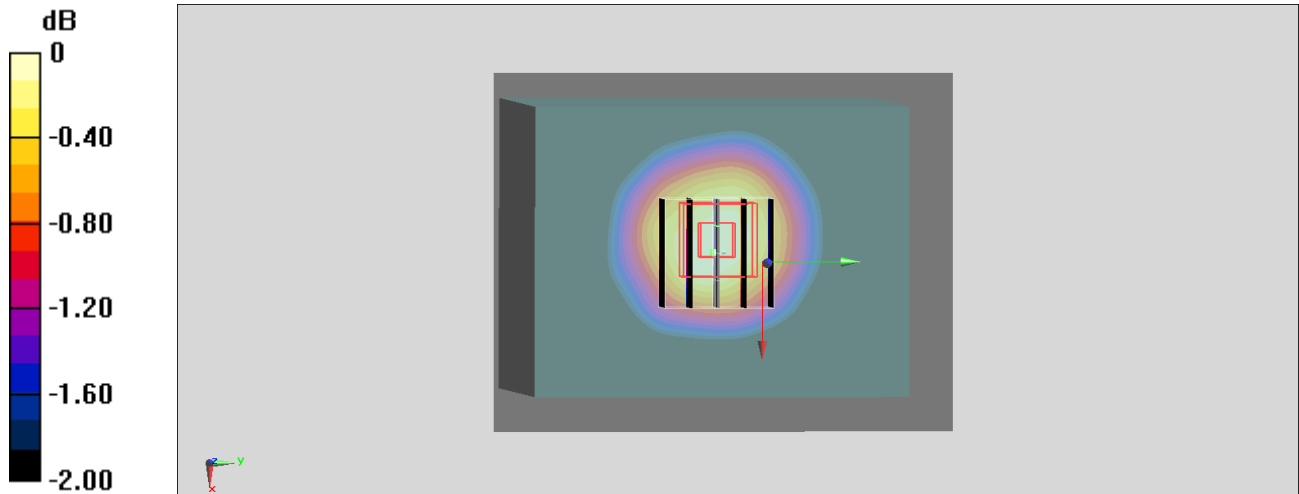
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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