

### #01\_RFID\_Bottom side\_0mm\_902.75MHz

Communication System: RFID; Frequency: 902.75 MHz; Duty Cycle: 1:1.141

Medium: HSL\_900\_220111 Medium parameters used:  $f = 903 \text{ MHz}$ ;  $\sigma = 0.955 \text{ S/m}$ ;  $\epsilon_r = 42.381$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.83, 9.83, 9.83) @ 902.75 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x101x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.97 \text{ W/kg}$

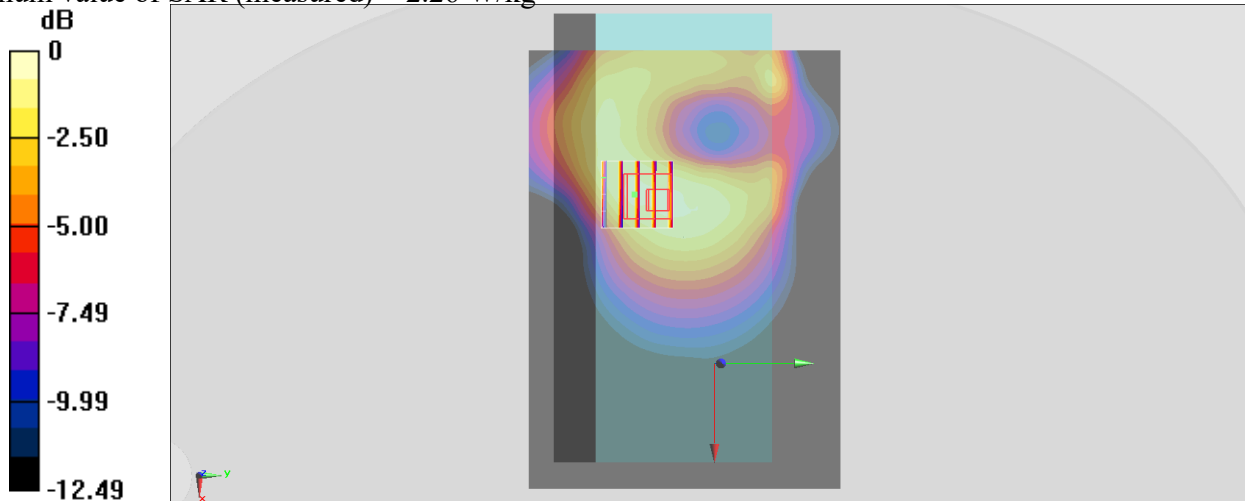
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $43.39 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $3.05 \text{ W/kg}$

**SAR(1 g) =  $1.59 \text{ W/kg}$ ; SAR(10 g) =  $1.14 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.26 \text{ W/kg}$



0 dB =  $2.26 \text{ W/kg} = 3.54 \text{ dBW/kg}$