

## #01\_UHF RFID\_ASK\_Left Side\_0mm\_Ch0

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

Medium: MSL\_900\_170922 Medium parameters used:  $f = 903 \text{ MHz}$ ;  $\sigma = 1.027 \text{ S/m}$ ;  $\epsilon_r = 56.665$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.49, 9.49, 9.49); Calibrated: 2017/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (51x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.06 \text{ W/kg}$

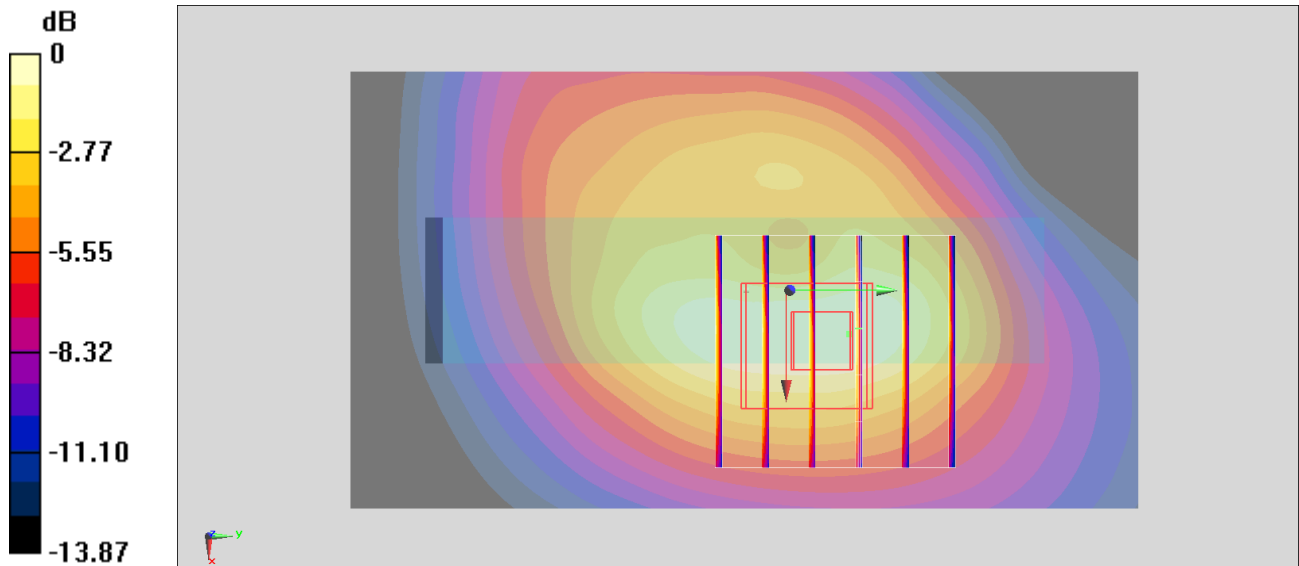
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $46.29 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $2.22 \text{ W/kg}$

**SAR(1 g) =  $1.5 \text{ W/kg}$ ; SAR(10 g) =  $0.967 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.98 \text{ W/kg}$



0 dB =  $1.98 \text{ W/kg} = 2.97 \text{ dBW/kg}$