

#01_RFID_Front_16.4mm_902.75MHz

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

Medium: HSL_900_220725 Medium parameters used: $f = 903 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 42.511$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7628; ConvF(9.68, 9.68, 9.68) @ 902.75 MHz; Calibrated: 2022/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt)_Right; Type: QD 000 P40 CD; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.30 W/kg

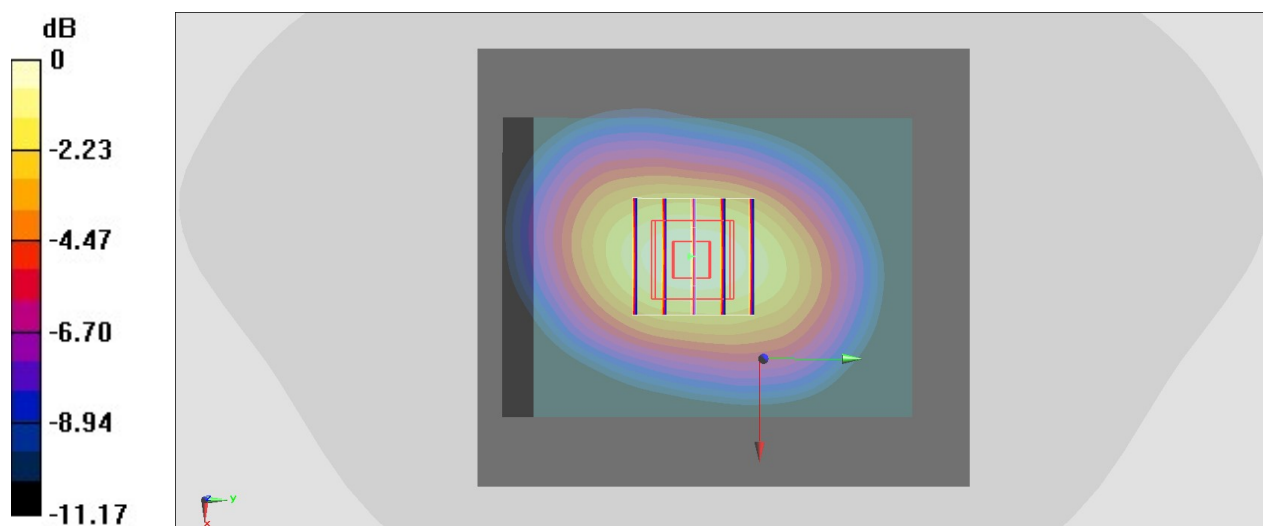
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 69.33 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.03 W/kg

SAR(1 g) = 4.78 W/kg ; SAR(10 g) = 3.15 W/kg

Maximum value of SAR (measured) = 6.28 W/kg



0 dB = 6.28 W/kg = 7.98 dBW/kg