

#01_RFID 900MHz_Back_0mm_Ch0

Communication System: CW; Frequency: 917.1 MHz; Duty Cycle: 1:1.238

Medium: MSL_900_161026 Medium parameters used : $f = 917.1$ MHz; $\sigma = 1.055$ S/m; $\epsilon_r = 56.497$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3898; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/7/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2016/6/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.75 W/kg

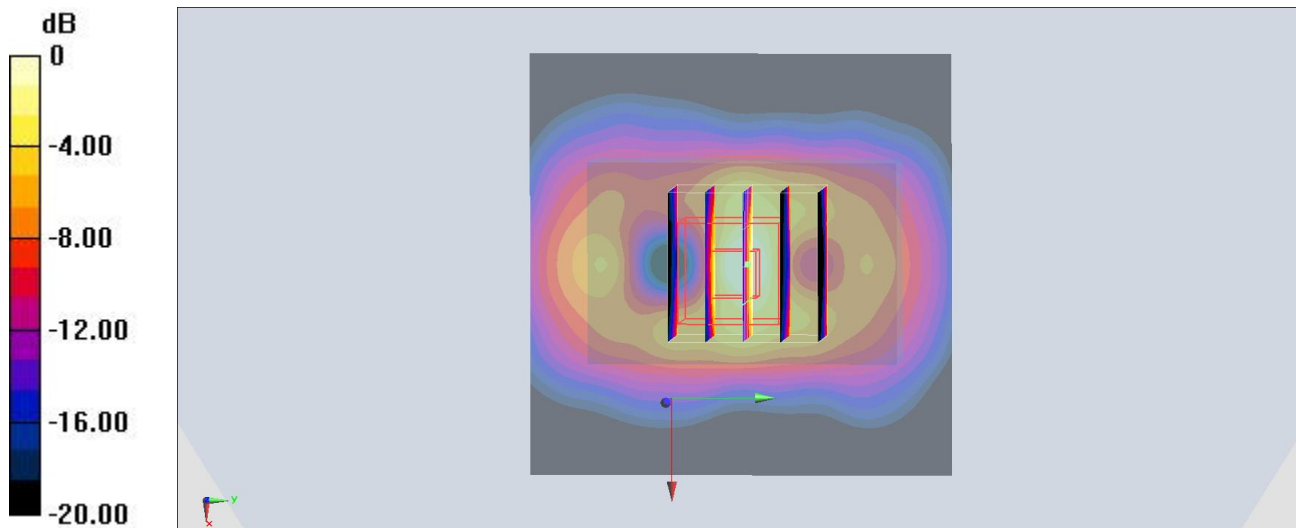
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.38 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



#02_RFID 900MHz_Back_15mm_Ch10

Communication System: CW; Frequency: 921.9 MHz; Duty Cycle: 1:1.238

Medium: MSL_900_161111 Medium parameters used: $f = 922 \text{ MHz}$; $\sigma = 1.062 \text{ S/m}$; $\epsilon_r = 56.901$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN3898; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/7/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2016/6/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.992 W/kg

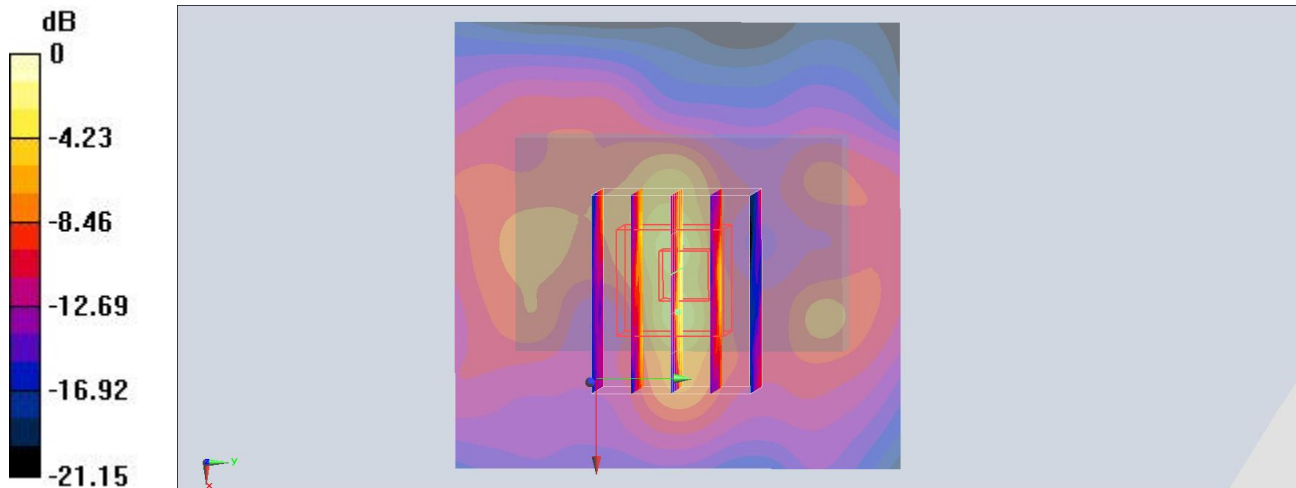
Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.66 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.21 W/kg ; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg