

#01_Lora900MHz_125KHz_CCS_Back

Communication System: CW; Frequency: 902.3 MHz; Duty Cycle: 1:1

Medium: HSL_900_201006 Medium parameters used : $f = 902.3$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 42.106$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.14, 6.14, 6.14) @ 902.3 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.764 W/kg

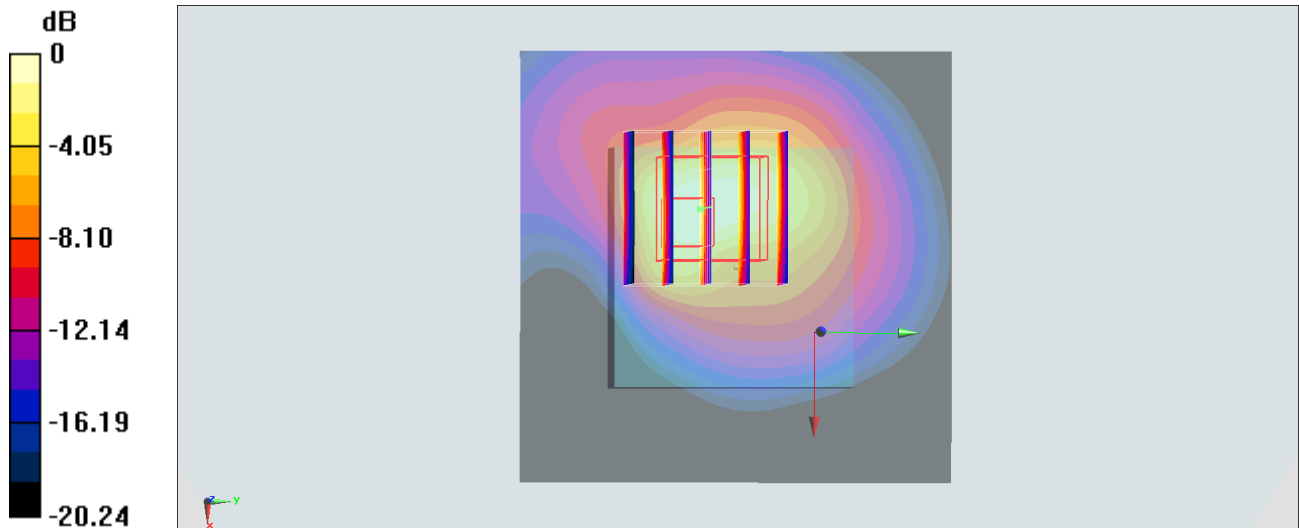
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.37 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg = -1.17 dBW/kg

#02_Lora_900MHz_500k_CCS_Back

Communication System: CCS; Frequency: 902.3 MHz; Duty Cycle: 1:1

Medium: HSL_900_201104 Medium parameters used: $f = 902.3$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 40.996$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.97, 9.97, 9.97) @ 903 MHz; Calibrated: 2020/9/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: QD000P40CB; Serial: S/N:1489
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.879 W/kg

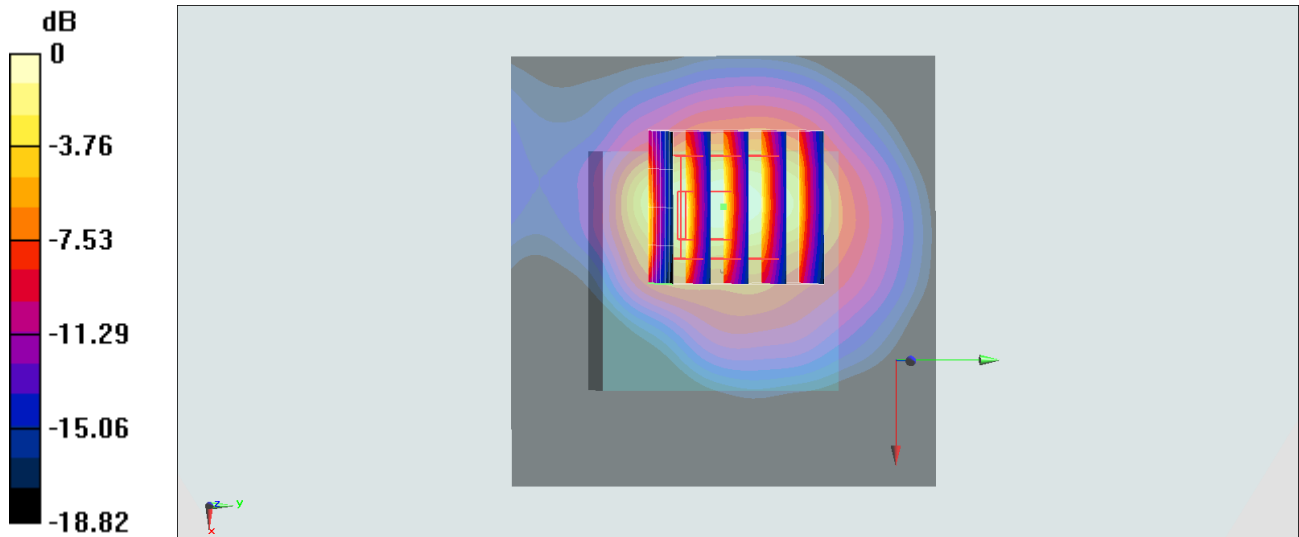
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.04 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.910 W/kg



0 dB = 0.910 W/kg = -0.41 dBW/kg