

#01_NFC_13.56M_Back_0mm

Communication System: WPT; Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL_13_220712 Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.748 \text{ S/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(15.17, 15.17, 15.17) @ 13.56 MHz; Calibrated: 2022/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.144 W/kg

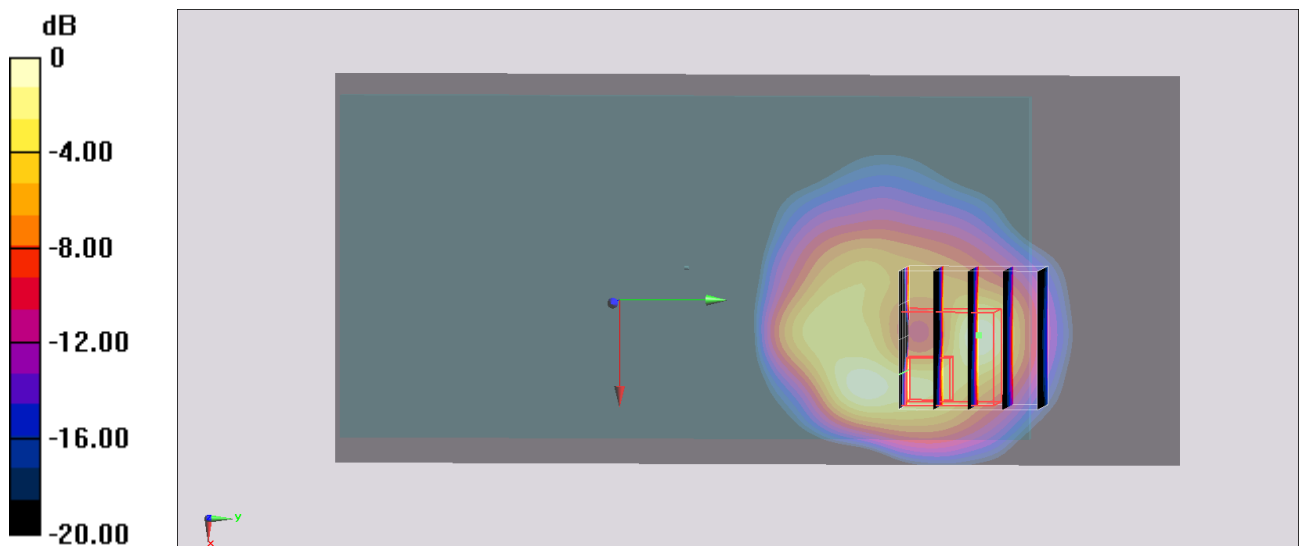
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.284 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.093 W/kg ; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.376 W/kg



$0 \text{ dB} = 0.144 \text{ W/kg} = -8.42 \text{ dBW/kg}$