

## #01\_NFC\_ASK\_Edge 2\_0mm\_13.56MHz

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

Medium: HSL\_13\_230907 Medium parameters used:  $f = 14$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 53.666$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(16.9, 16.9, 16.9) @ 13.56 MHz; Calibrated: 2023/7/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2023/7/14
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0606 W/kg

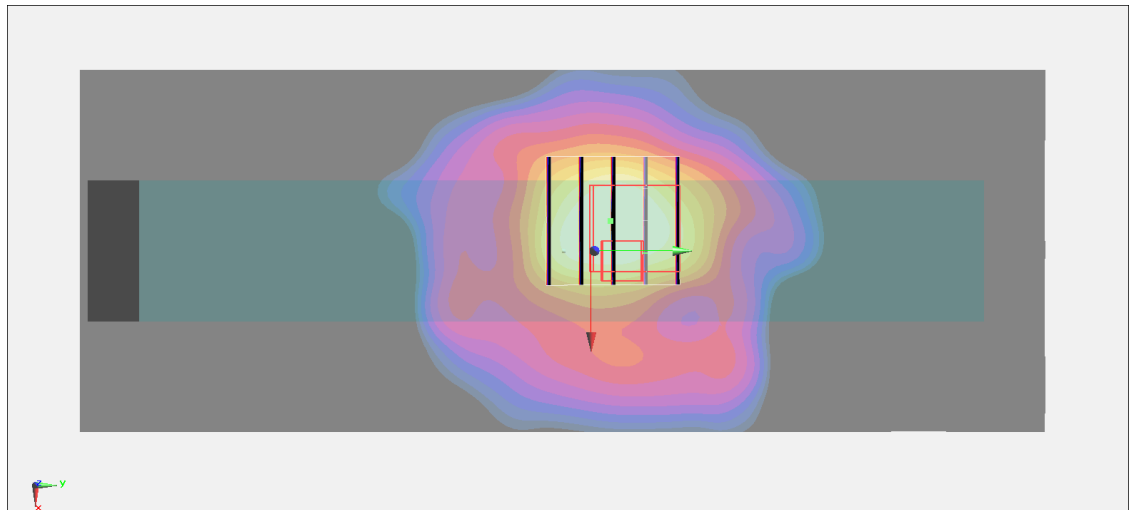
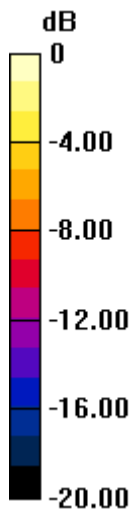
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.329 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0870 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00623 W/kg**

Maximum value of SAR (measured) = 0.0436 W/kg



0 dB = 0.0436 W/kg = -13.61 dBW/kg