

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/5/26

#01_NFC_ASK_Front_10mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz

Medium: HSL_13_250526 Medium parameters used : $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.332$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(16.65, 15.49, 16.14) @ 13.56 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00160 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.467 V/m; Power Drift = 0.00 dB

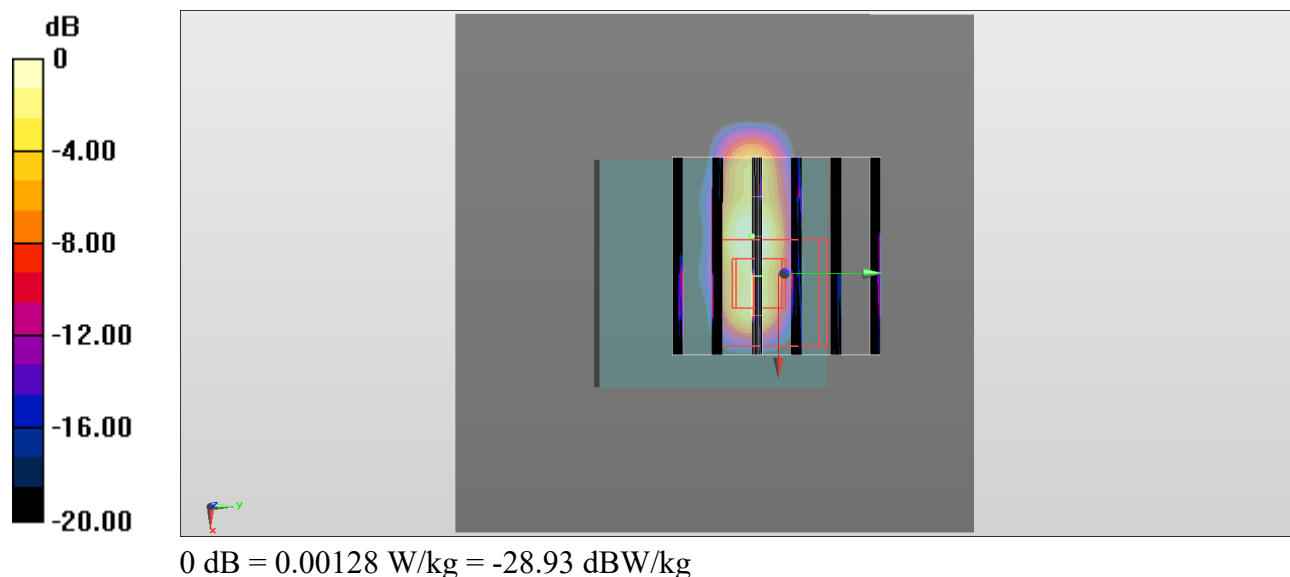
Peak SAR (extrapolated) = 0.00181 W/kg

SAR(1 g) = 0.000231 W/kg; SAR(10 g) = 3.56e-005 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 20 mm)

Ratio of SAR at M2 to SAR at M1 = 13%

Maximum value of SAR (measured) = 0.00128 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/5/26

#02_NFC_ASK_Back_0mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz

Medium: HSL_13_250526 Medium parameters used : $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.332$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(16.65, 15.49, 16.14) @ 13.56 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 0; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg

Maximum value of SAR (interpolated) = 0 W/kg

