

**#01\_NFC\_ASK13.56M\_Back\_0mm**

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

Medium: HSL\_13\_220623 Medium parameters used :  $f = 13.56$  MHz;  $\sigma = 0.726$  S/m;  $\epsilon_r = 54.247$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.36, 18.36, 18.36) @ 13.56 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

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

Reference Value = 13.81 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.179 W/kg

