

**01\_NFC\_ASK\_13.56MHz\_Back\_0mm**

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1  
Medium: HSL\_13\_230706 Medium parameters used:  $f = 13.56$  MHz;  $\sigma = 0.753$  S/m;  $\epsilon_r = 54.139$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(15.28, 15.28, 15.28); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2023/6/6
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1113
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.153 W/kg

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

Reference Value = 0.4640 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.198 W/kg

