

### 01\_NFC\_ASK\_Back\_0mm

Communication System: UID 0, NRF (0); Frequency: 13.56 MHz; Duty Cycle: 1:1  
Medium: HSL\_13\_240110 Medium parameters used:  $f = 13.56$  MHz;  $\sigma = 0.758$  S/m;  $\epsilon_r = 55.806$ ;  
 $\rho = 1000$  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 Sn1303; Calibrated: 2023/11/20
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: TP:1233
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0592 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.6170 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.114 W/kg  
**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.009 W/kg**  
Maximum value of SAR (measured) = 0.0680 W/kg

