

## 01\_NFC\_ASK\_13.56M\_Back\_0mm

Communication System: UID 0, NRF (0); Frequency: 13.56 MHz; Duty Cycle: 1:1  
Medium: HSL\_13\_240327 Medium parameters used:  $f = 14$  MHz;  $\sigma = 0.745$  S/m;  $\epsilon_r = 56.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(19.17, 19.17, 19.17); Calibrated: 2023/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/1/15
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch/Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.176 W/kg

**Ch/Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.065 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.289 W/kg  
**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.021 W/kg**  
Maximum value of SAR (measured) = 0.186 W/kg

