

## 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:  $f = 13.56 \text{ MHz}$ ;  $\sigma = 0.753 \text{ S/m}$ ;  $\epsilon_r = 54.139$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

### 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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.179 \text{ W/kg}$

**Ch/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $0 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.341 \text{ W/kg}$   
**SAR(1 g) =  $0.063 \text{ W/kg}$ ; SAR(10 g) =  $0.023 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.200 \text{ W/kg}$

