

01_NFC_ASK_Front_0mm

Communication System: UID 0, NRF (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
Medium: HSL_13_231211 Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.753$ S/m; $\epsilon_r = 54.139$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(19.17, 19.17, 19.17); Calibrated: 2023/04/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2023/06/06
- Phantom: ELI V8.0 (Left); Type: QD OVA 004 AA; Serial: 2131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.186 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.5460 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.188 W/kg

