

#01_NFC_ASK13.56M_Back_0mm

Communication System: WPT; Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL_13_220712 Medium parameters used: $f = 14$ MHz; $\sigma = 0.748$ S/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(15.17, 15.17, 15.17) @ 13.56 MHz; Calibrated: 2022/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.362 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.423 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.254 W/kg

