

#01_RFID_ASK, BPSK_13.56MHz_Bottom of Laptop_0mm

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

Medium: HSL_13_231122 Medium parameters used : $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.743$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.48, 18.48, 18.48) @ 13.56 MHz; Calibrated: 2023/10/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1805; Calibrated: 2023/5/16
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.000481 W/kg

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

Reference Value = 0.3800 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.000739 W/kg

SAR(1 g) = 6.81e-005 W/kg; SAR(10 g) = 1.27e-005 W/kg

Maximum value of SAR (measured) = 0.000426 W/kg

