

#01_WPT_ASK_13.56MHz_Back_0mm

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

Medium: HSL_13 Medium parameters used : $f = 13.56 \text{ MHz}$; $\sigma = 0.735 \text{ S/m}$; $\epsilon_r = 53.364$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2°C ; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(19.8, 19.8, 19.8) @ 13 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/02/18
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.00446 W/kg

Zoom Scan (8x10x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 2.126 V/m ; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.00761 W/kg

SAR(1 g) = 0.0022 W/kg ; SAR(10 g) = 0.00123 W/kg

Maximum value of SAR (measured) = 0.00482 W/kg

