

System Check_Head_900MHz

DUT: D900V2-1d171

Communication System: CW; Frequency: 900 MHz

Medium: HSL_900_260430 Medium parameters used: $f = 900$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 42.899$; $\rho = 1000$ kg/m³

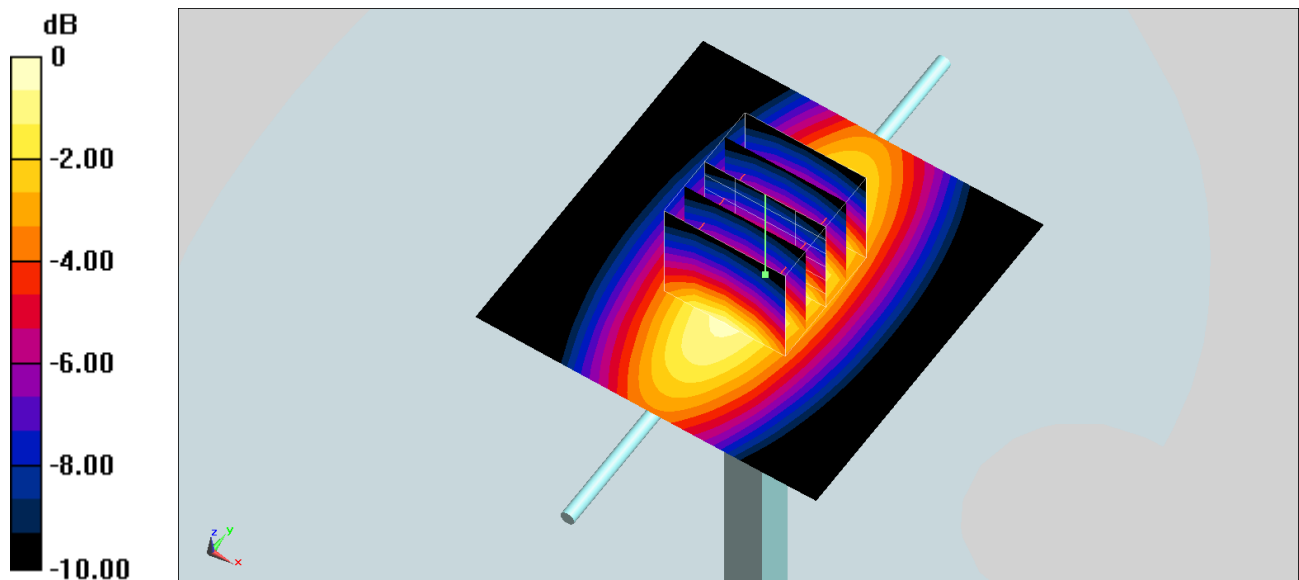
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.76, 8.61, 8.9) @ 900 MHz; Calibrated: 2025/9/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2025/9/9
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 3.36 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 63.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 67.7%
Maximum value of SAR (measured) = 3.37 W/kg



0 dB = 3.37 W/kg = 5.28 dBW/kg