

System Check_Head_900MHz

DUT: D900V2-1d171

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: HSL_600-7200_260309 Medium parameters used: $f = 900$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.822$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.96, 5.84, 6.02) @ 900 MHz; Calibrated: 2025/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2025/12/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1029
- 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) = 3.02 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.21 V/m; Power Drift = -0.04 dB

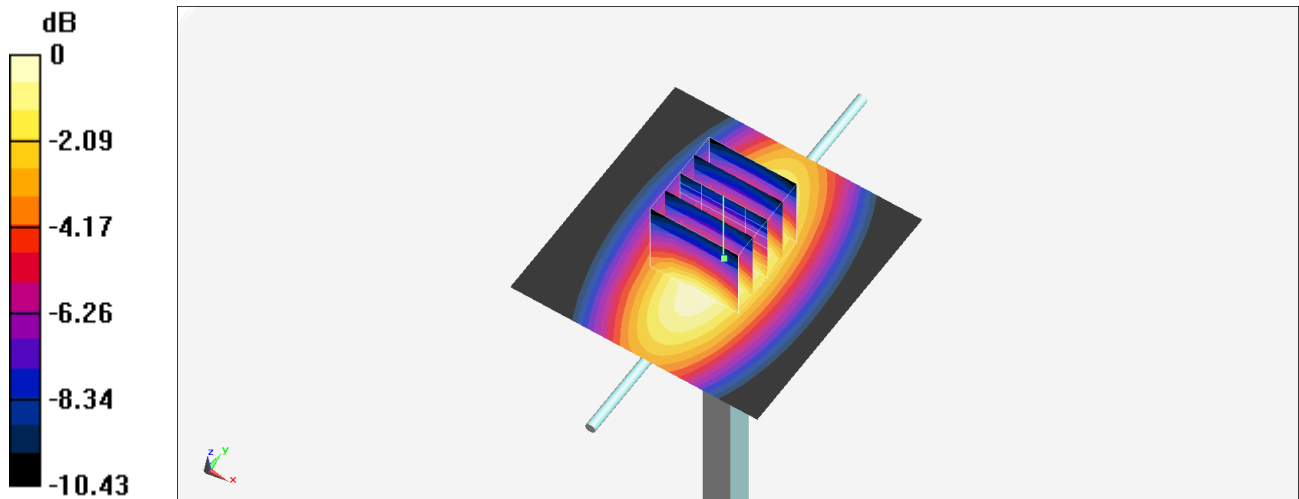
Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 20.2 mm

Ratio of SAR at M2 to SAR at M1 = 74.4%

Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.85 W/kg = 4.55 dBW/kg