

System Check_Head_900MHz

DUT: D900V2-1d171

Communication System: CW; Frequency: 900 MHz

Medium: HSL_900_251102 Medium parameters used: $f = 900$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 44.517$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(9.03, 9.32, 9.01) @ 900 MHz; Calibrated: 2025/7/1
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2025/1/15
- Phantom: SAM_Left; Type: QD 000 P40 CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.607 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.42 V/m; Power Drift = 0.05 dB

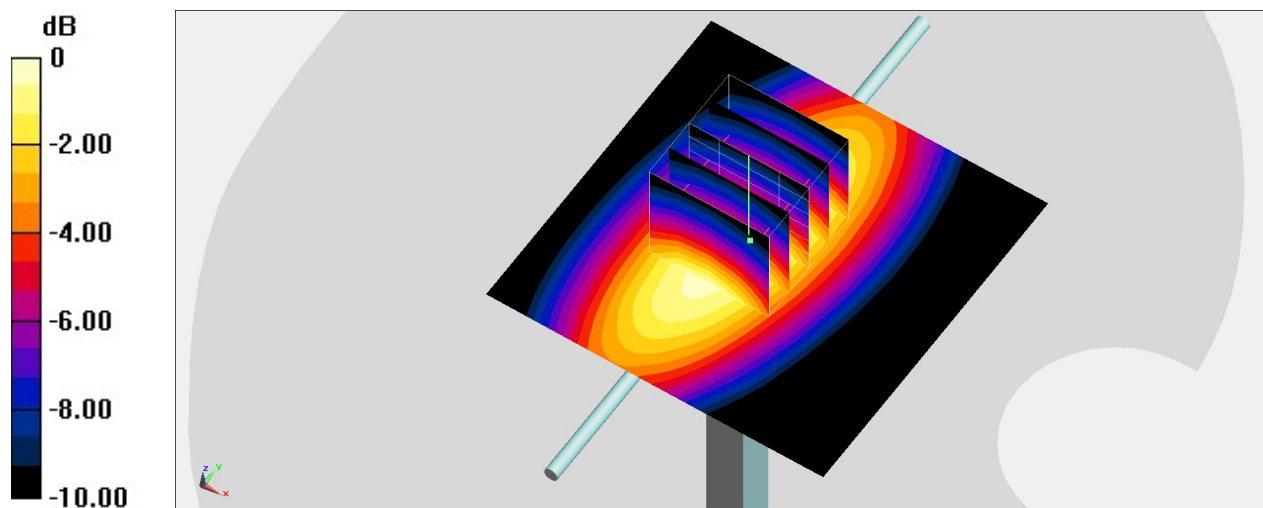
Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.314 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 = 68.2%

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg