

System Check_Head_2450MHz

DUT: D2450V2-929

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450_240107 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7728; ConvF(7.36, 7.8, 7.96) @ 2450 MHz; Calibrated: 2023/6/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2023/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.28 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.93 V/m; Power Drift = -0.18 dB

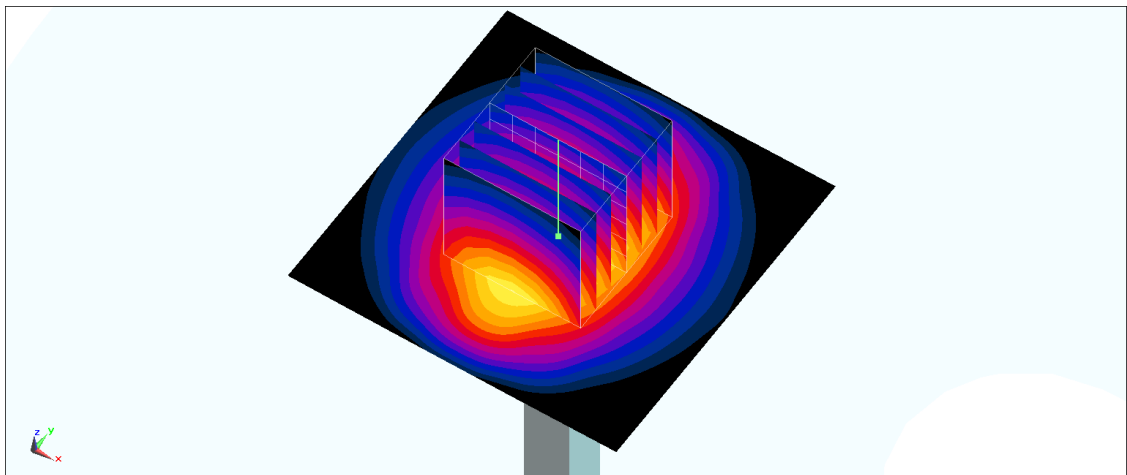
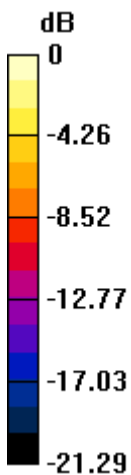
Peak SAR (extrapolated) = 5.20 W/kg

SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.26 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 4.33 W/kg



0 dB = 4.33 W/kg = 6.36 dBW/kg