

System Check_Head_2450MHz

DUT: D2450V2-736

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

Medium: HSL_2450_210805 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 38.618$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47) @ 2450 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.46 W/kg

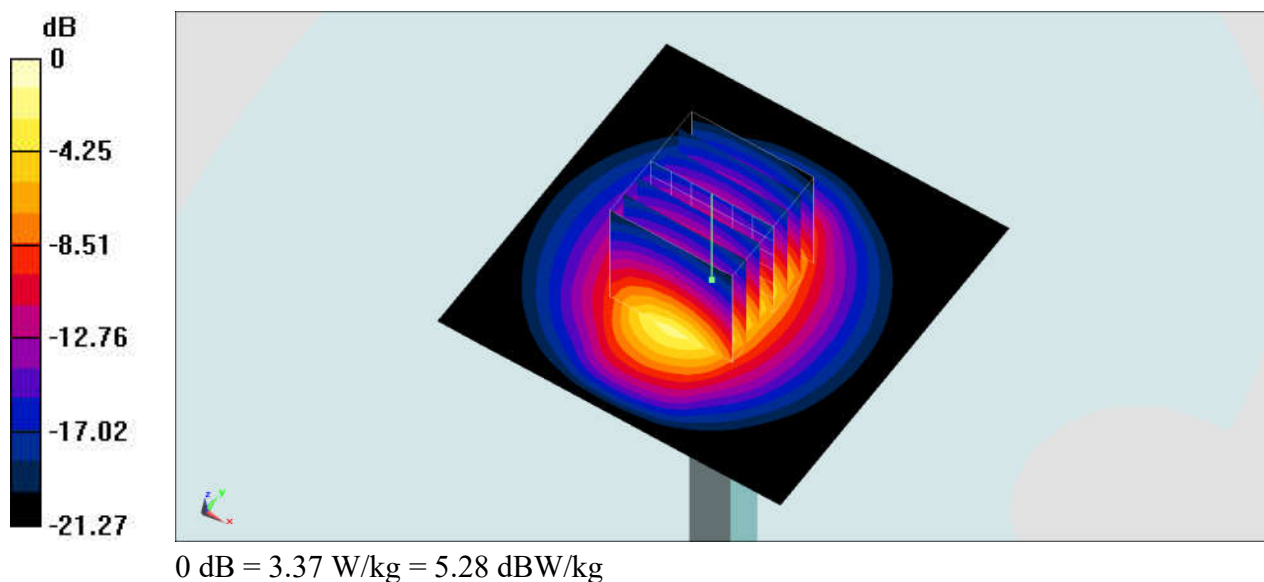
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.69 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.08 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.22 W/kg

Maximum value of SAR (measured) = 3.37 W/kg



System Check_Head_2450MHz

DUT: D2450V2-929

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

Medium: HSL_2450_210916 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 40.732$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2450 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.30 W/kg

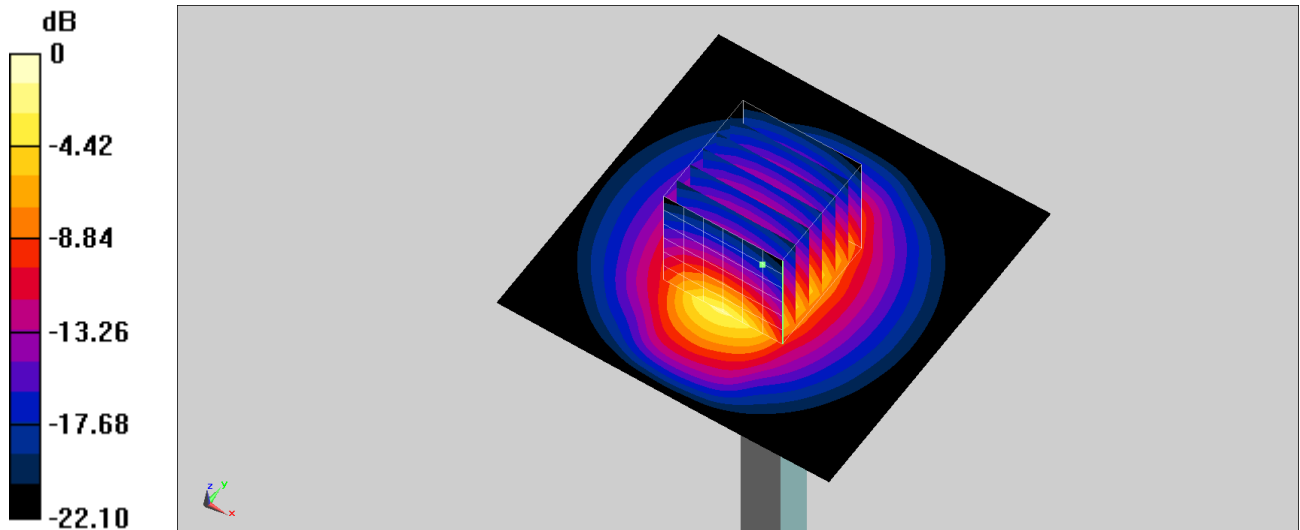
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.88 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.43 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 4.41 W/kg



0 dB = 4.41 W/kg = 6.44 dBW/kg