

System Check_H2450

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 40.744$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn393; Calibrated: 2023/4/13
- Probe: EX3DV4 - SN7350; ConvF(7.71, 7.71, 7.71) @ 2450 MHz; Calibrated: 2022/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

System Performance Check at Frequencies above 1

GHz/Pin=250mW /Area Scan (9x9x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 22.1 W/kg

System Performance Check at Frequencies above 1

GHz/Pin=250mW /Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 113.3 V/m; Power Drift = 0.07 dB

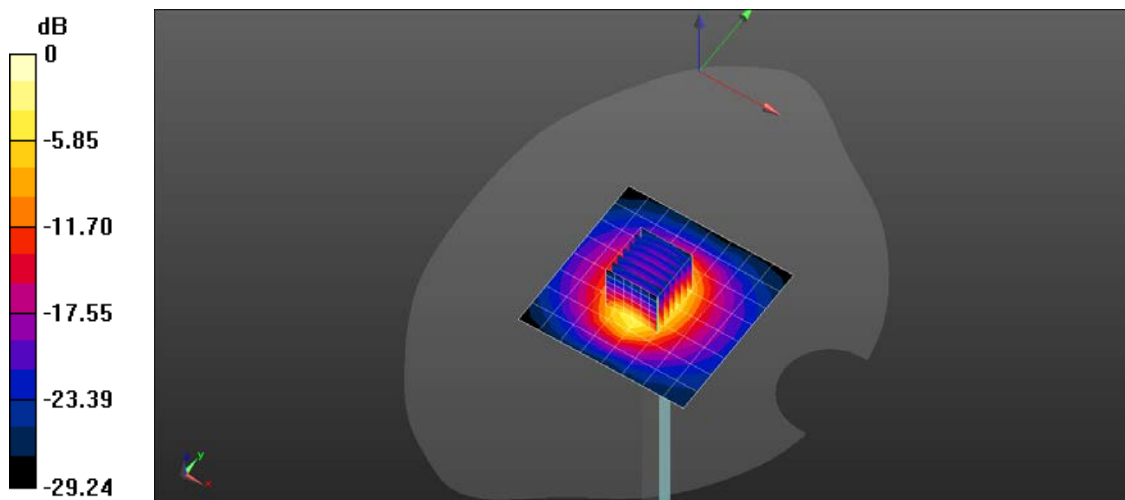
Peak SAR (extrapolated) = 28.9 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.13 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 23.1 W/kg



$$0 \text{ dB} = 22.1 \text{ W/kg} = 13.45 \text{ dBW/kg}$$