

System check 2450MHz

Date: 2026-08-26

Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 39.021$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3 °C Liquid Temperature: 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - 7893; ConvF(7.69, 7.69, 7.69) @ 2450 MHz; Calibrated: 2026-07-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2026-03-23
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1858
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

CW2450/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 6.62 W/kg

CW2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 58.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.56 W/kg

Smallest distance from peaks to all points 3 dB below = 10.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 6.35 W/kg

