

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

Communication System: UID 0, CW; Frequency: 2450 MHz

Medium: HSL\_600-7000\_260227 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.788$  S/m;  $\epsilon_r = 39.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.38, 4.29, 4.42) @ 2450 MHz; Calibrated: 2025/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2025/12/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1029
- 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) = 3.57 W/kg

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

Reference Value = 44.46 V/m; Power Drift = 0.08 dB

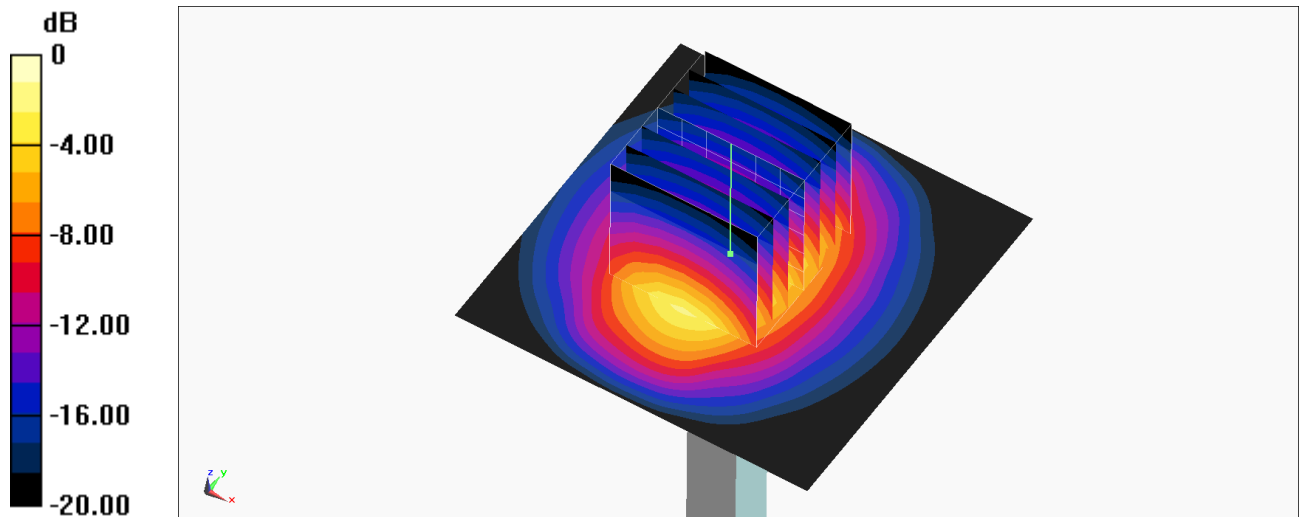
Peak SAR (extrapolated) = 5.20 W/kg

**SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.26 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 3.50 W/kg



0 dB = 3.50 W/kg = 5.44 dBW/kg