

## System Check\_Body\_2450MHz\_130821

### DUT: D2450V2-SN:869

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.01$  S/m;  $\epsilon_r = 53.813$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $22.4$  °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) =  $18.7$  W/kg

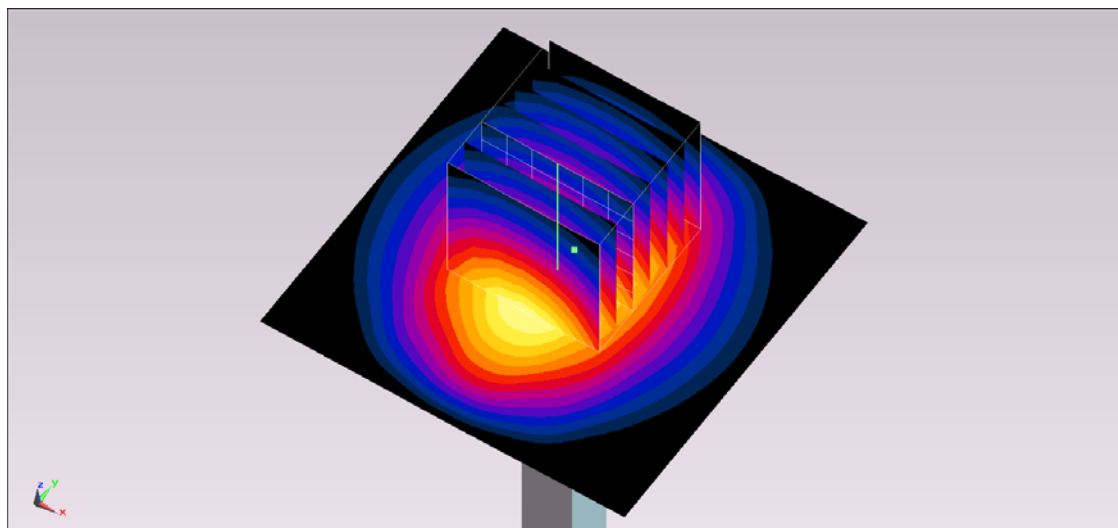
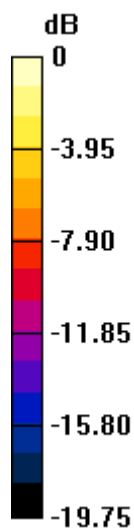
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value =  $97.147$  V/m; Power Drift =  $-0.03$  dB

Peak SAR (extrapolated) =  $29.5$  W/kg

**SAR(1 g) =  $13.8$  W/kg; SAR(10 g) =  $6.38$  W/kg**

Maximum value of SAR (measured) =  $18.3$  W/kg



0 dB =  $18.3$  W/kg =  $12.62$  dBW/kg