Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011-3-6

System Check_Head_2450MHz_110306

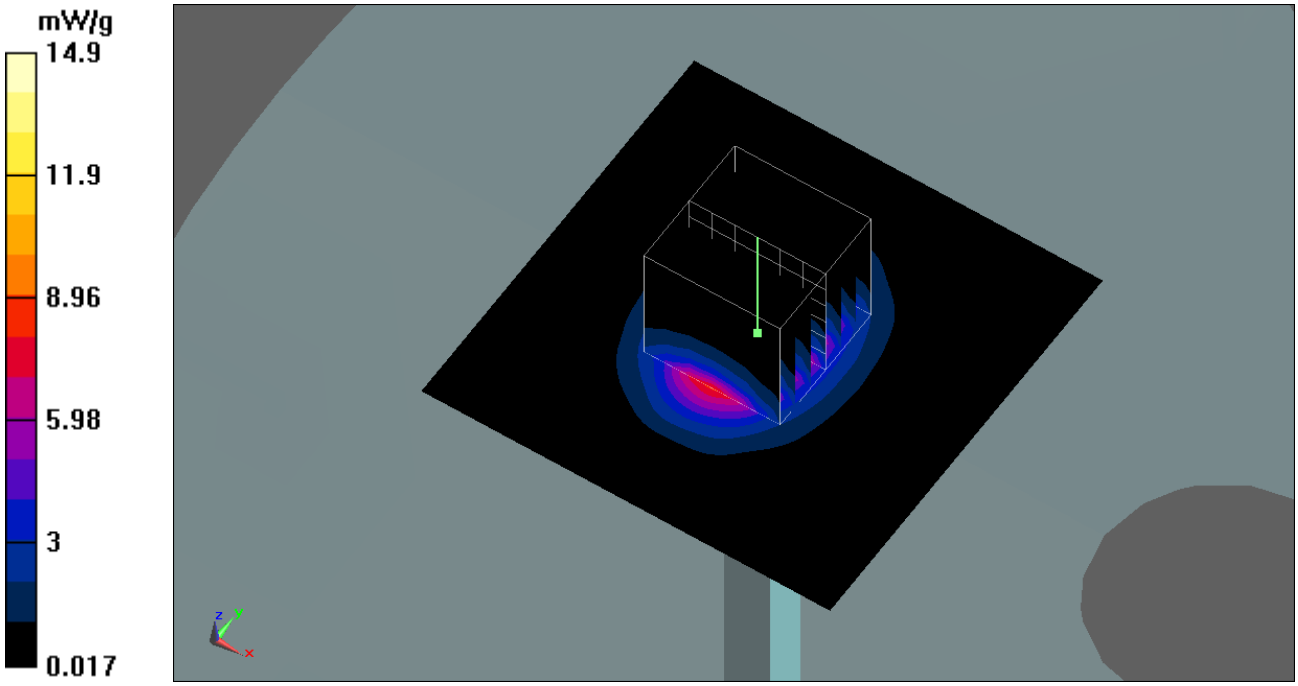
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110306 Medium parameters used: f = 2450 MHz; σ = 1.83 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 14.9 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 29.9 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.63 mW/g
Maximum value of SAR (measured) = 14.5 mW/g


mW/g
14.9
11.9
8.96
5.98
3
0.017

System Check_Body_2450MHz_110306

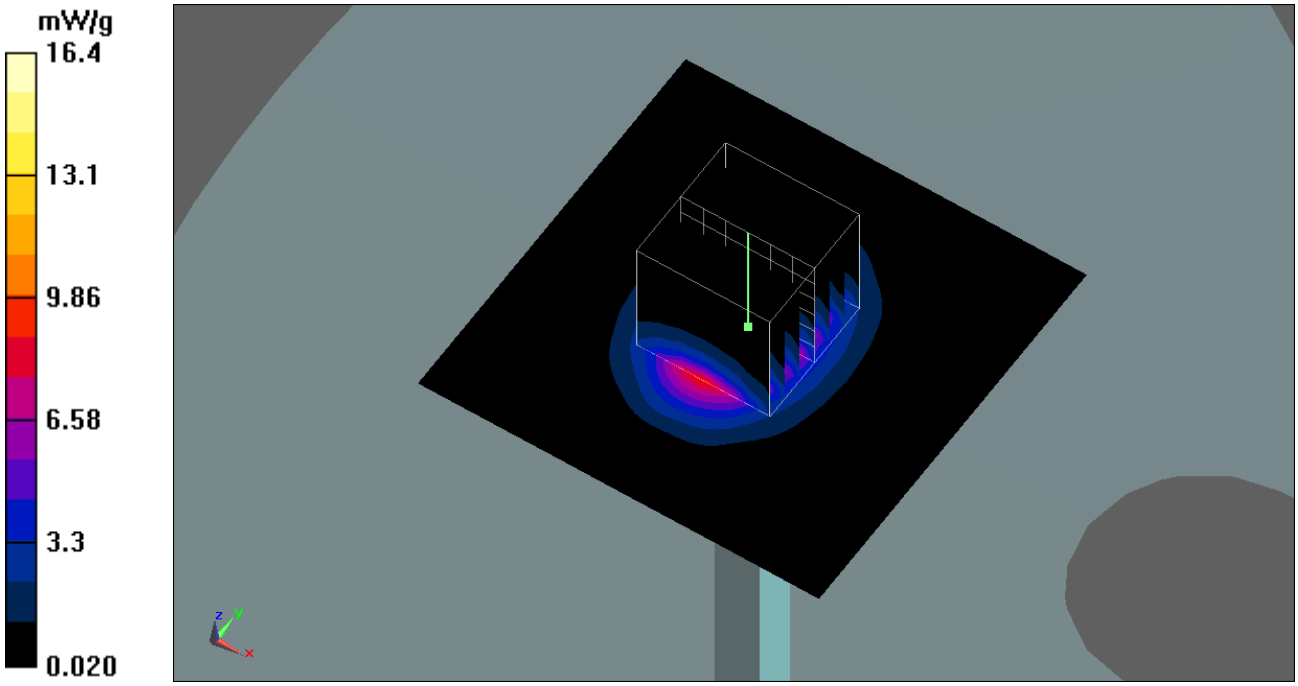
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110306 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 16.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.1 V/m; Power Drift = 0.00812 dB
Peak SAR (extrapolated) = 33.5 W/kg
SAR(1 g) = 14.3 mW/g; SAR(10 g) = 6.24 mW/g
Maximum value of SAR (measured) = 16.1 mW/g


mW/g
16.4
13.1
9.86
6.58
3.3
0.020