Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011-3-22

System Check_Head_835MHz_110322

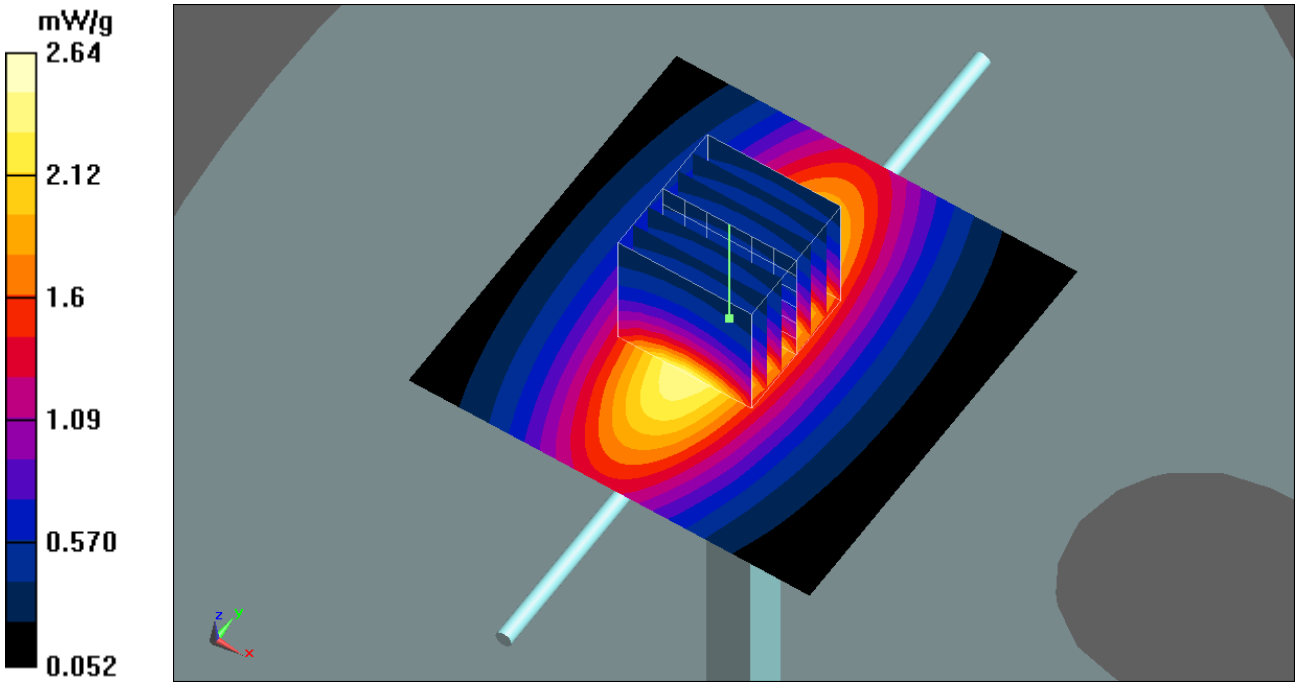
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_110322 Medium parameters used: f = 835 MHz; σ = 0.903 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); 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 (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.64 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.8 V/m; Power Drift = -0.0014 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.63 mW/g


mW/g
2.64
2.12
1.6
1.09
0.570
0.052

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011-3-22

System Check_Body_835MHz_110322

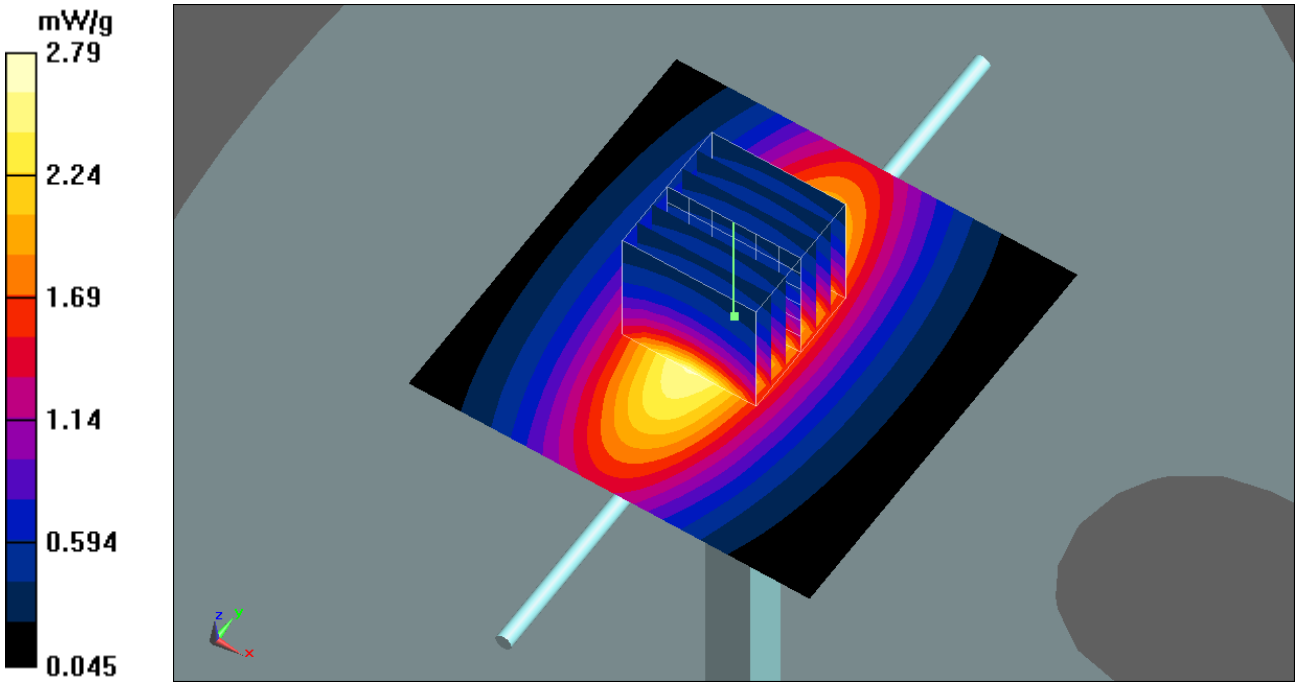
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_110322 Medium parameters used: f = 835 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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 (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.79 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53 V/m; Power Drift = 0.0023 dB
Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.71 mW/g
Maximum value of SAR (measured) = 2.81 mW/g


mW/g
2.79
2.24
1.69
1.14
0.594
0.045