Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011-1-14

System Check_Head_835MHz_110114

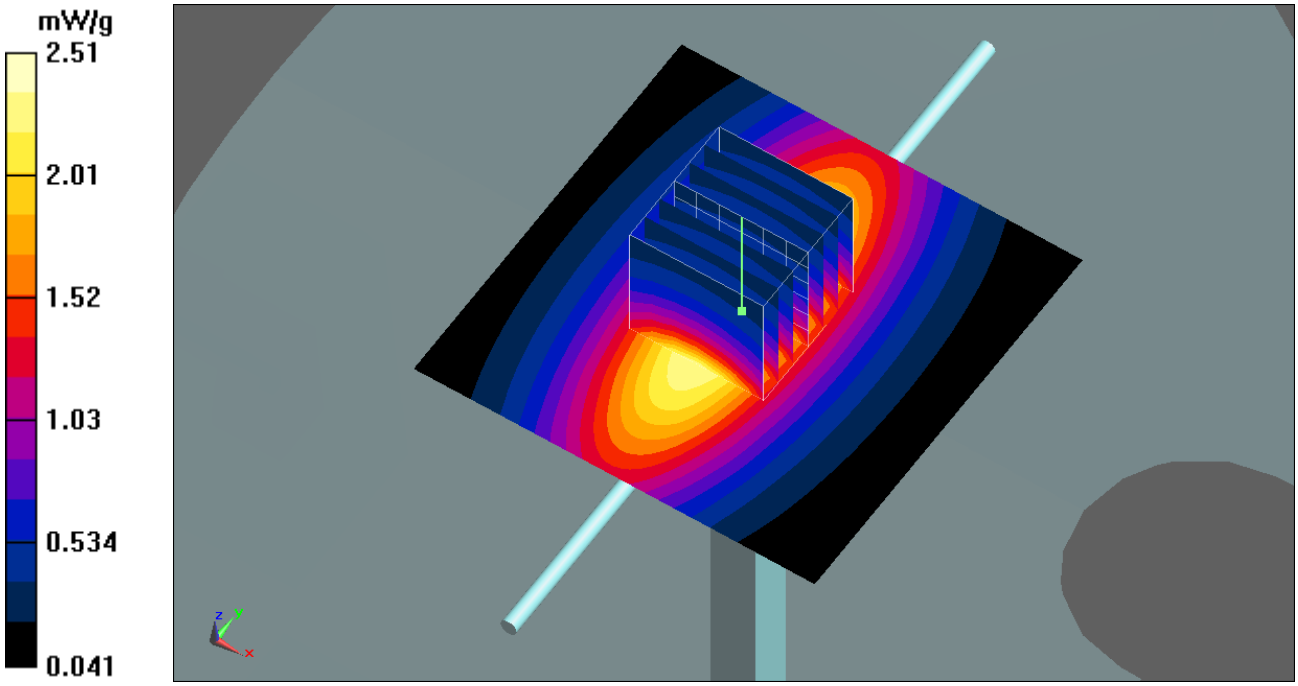
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_110114 Medium parameters used: f = 835 MHz; σ = 0.902 mho/m; ε_r = 40.7; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

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) = 2.51 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.6 V/m; Power Drift = 0.00433 dB
Peak SAR (extrapolated) = 3.51 W/kg
SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.52 mW/g
Maximum value of SAR (measured) = 2.51 mW/g


mW/g
2.51
2.01
1.52
1.03
0.534
0.041

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011-3-10

System Check_Body_835MHz_110310

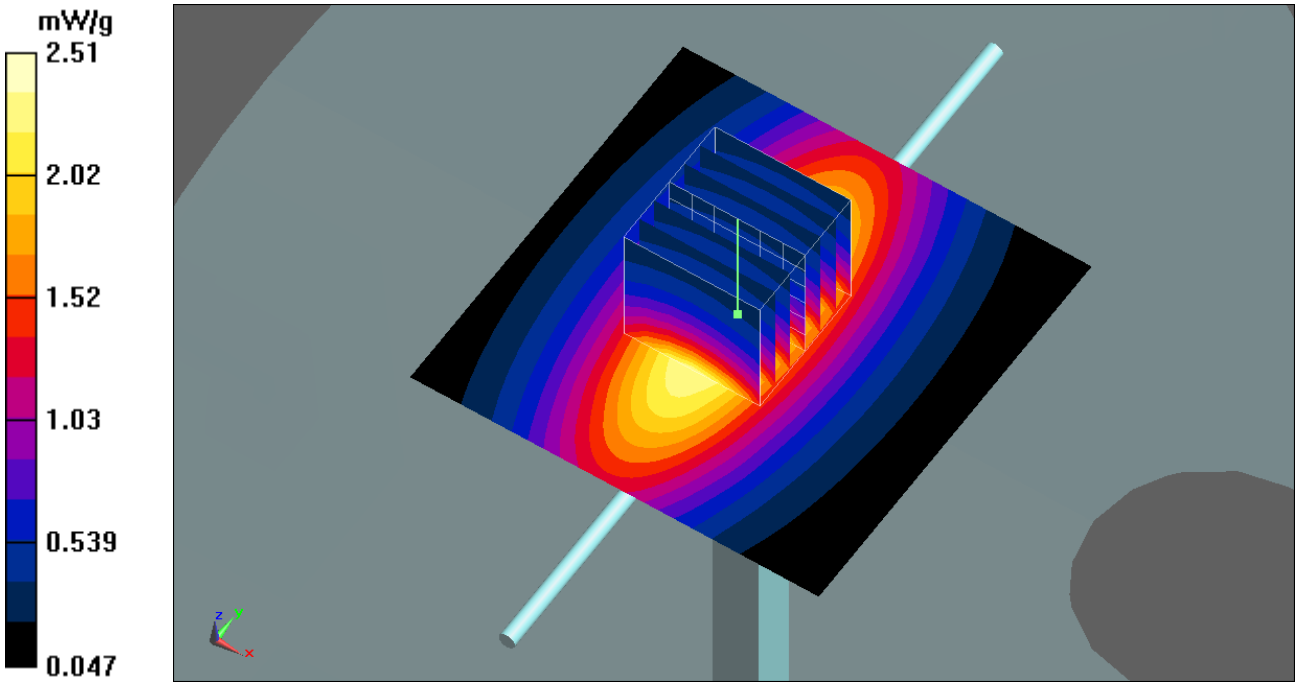
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 835 MHz; σ = 0.97 mho/m; ε_r = 56.5; 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) = 2.51 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.4 V/m; Power Drift = 0.00524 dB
Peak SAR (extrapolated) = 3.45 W/kg
SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.54 mW/g
Maximum value of SAR (measured) = 2.51 mW/g


mW/g
2.51
2.02
1.52
1.03
0.539
0.047

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011-1-14

System Check_Head_1900MHz_110114

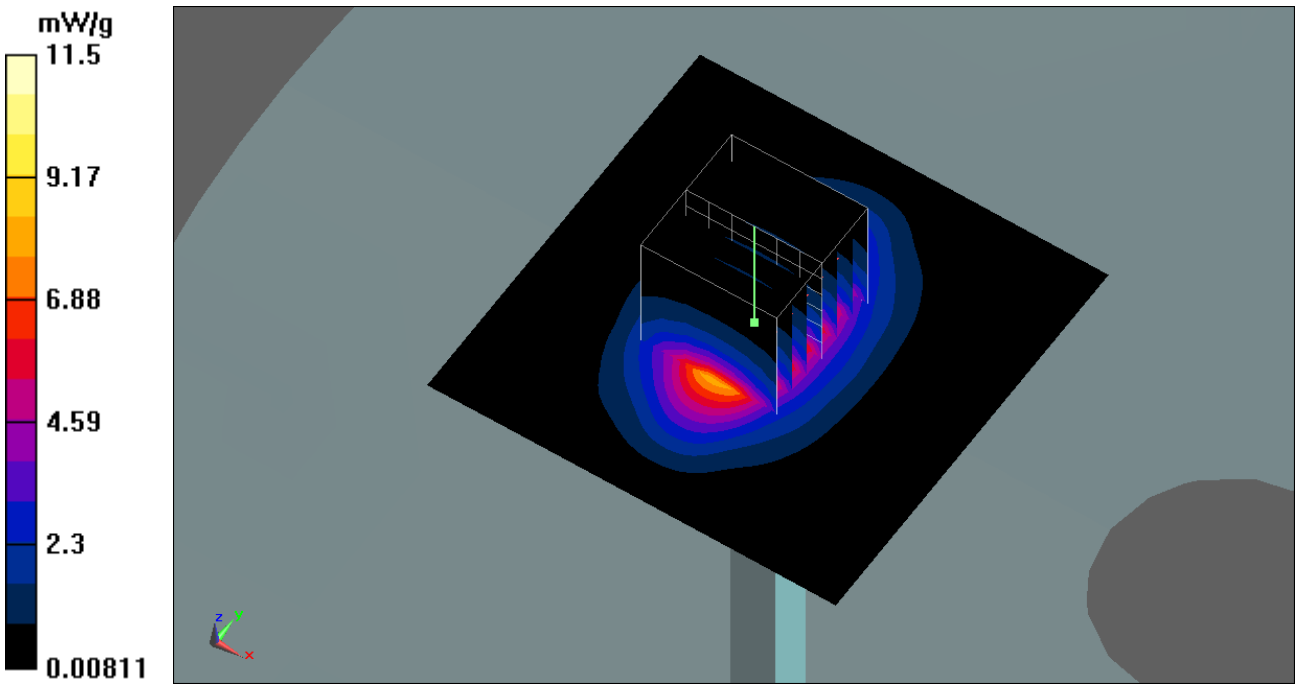
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110114 Medium parameters used: f = 1900 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); 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) = 11.5 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.5 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.25 mW/g
Maximum value of SAR (measured) = 11.5 mW/g


mW/g
11.5
9.17
6.88
4.59
2.3
0.00811

System Check_Body_1900MHz_110310

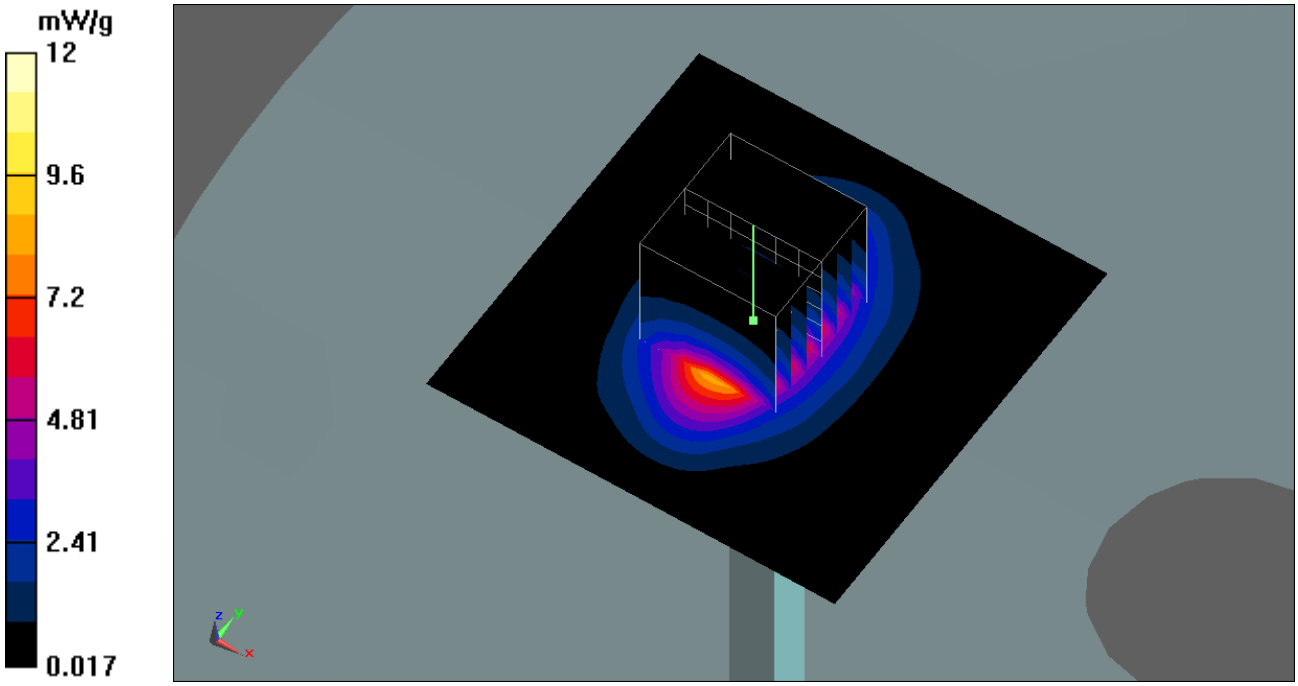
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); 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) = 12 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87 V/m; Power Drift = 0.00519 dB
Peak SAR (extrapolated) = 20.8 W/kg
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.4 mW/g
Maximum value of SAR (measured) = 11.9 mW/g


mW/g
12
9.6
7.2
4.81
2.41
0.017