Test Laboratory: Sporton International Inc. SAR/HAC Testing Date: 2011/1/16

# System Check\_Body\_835MHz\_110116

# **DUT: Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_110116 Medium parameters used: f = 835 MHz;  $\sigma = 0.976$  mho/m;  $\varepsilon_r = 54.4$ ;  $\rho$ 

 $= 1000 \text{ kg/m}^3$ 

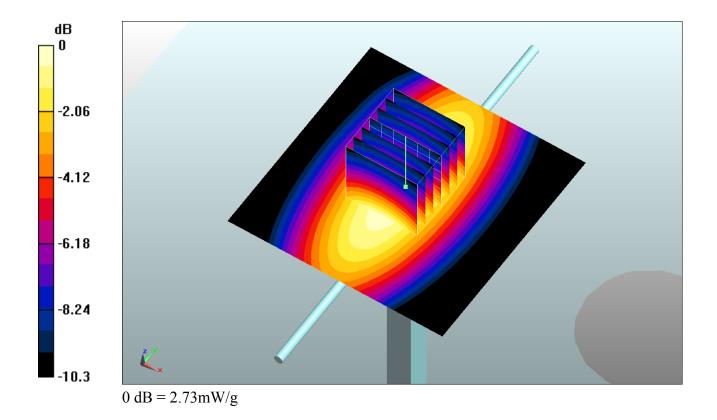
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.7 °C

# 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: 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) = 2.72 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 = 0.00226 dB Peak SAR (extrapolated) = 3.8 W/kg SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.65 mW/g Maximum value of SAR (measured) = 2.73 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Date: 2011/1/16

# System Check\_Body\_1900MHz\_110116

#### **DUT: Dipole 1900 MHz**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_110116 Medium parameters used: f = 1900 MHz;  $\sigma = 1.53$  mho/m;  $\varepsilon_r = 54.6$ ;

 $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

# 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) = 11.9 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 87 V/m; Power Drift = 0.00619 dB Peak SAR (extrapolated) = 20.7 W/kg SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.37 mW/g Maximum value of SAR (measured) = 11.8 mW/g

