Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

**Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B3_GPRS10**
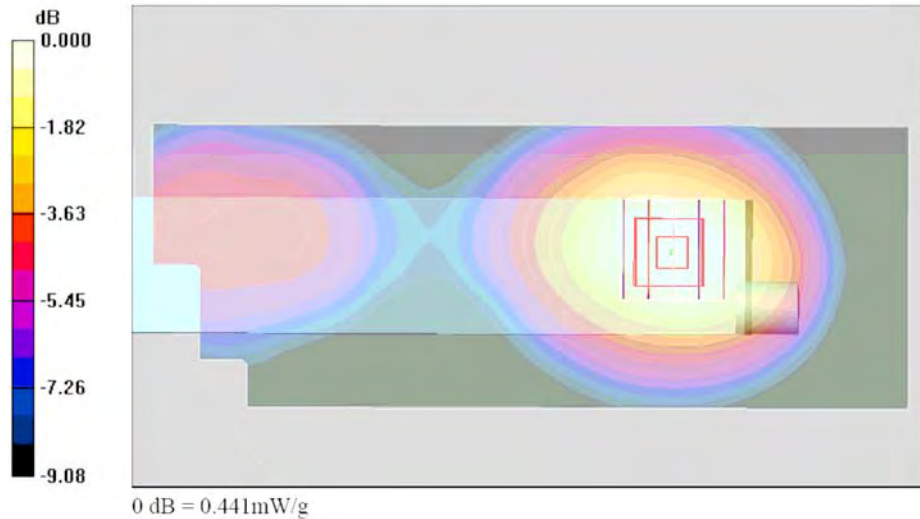
Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.969 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.450 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 0.533 W/kg
**SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.299 mW/g**
Maximum value of SAR (measured) = 0.441 mW/g



dB
0.000
-1.82
-3.63
-5.45
-7.26
-9.08

0 dB = 0.441mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab                Date: 2007/5/5

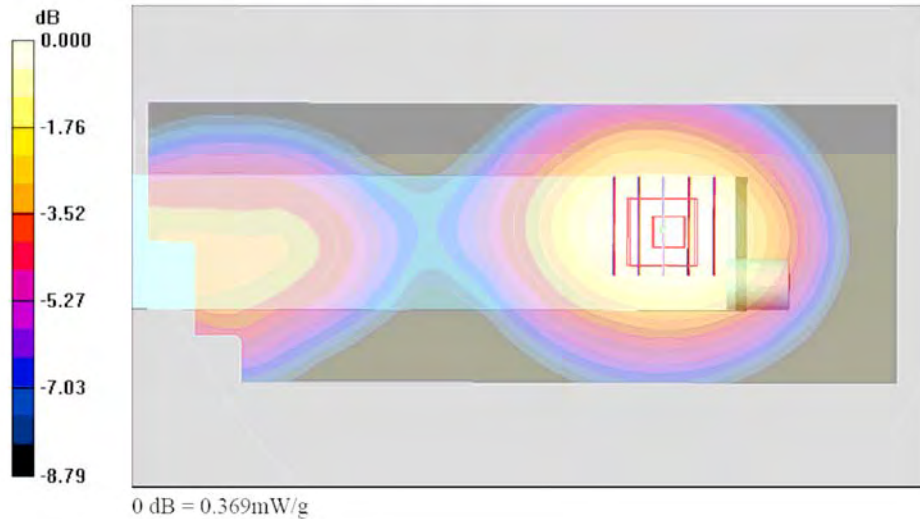**Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 2_B2_GPRS10**

Communication System: GSM850: Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.969 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.374 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.457 W/kg
**SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.254 mW/g**
Maximum value of SAR (measured) = 0.369 mW/g



dB
0.000
-1.76
-3.52
-5.27
-7.03
-8.79

0 dB = 0.369mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

## Body_GSM850 Ch189_Holster Right Side Touch_7527C_POD 4_B2_GPRS10

Communication System: GSM850: Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used : f = 836.4 MHz: σ = 0.969 mho/m: $\varepsilon_r$ = 54.1; ρ = 1000 kg/m³
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787: ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
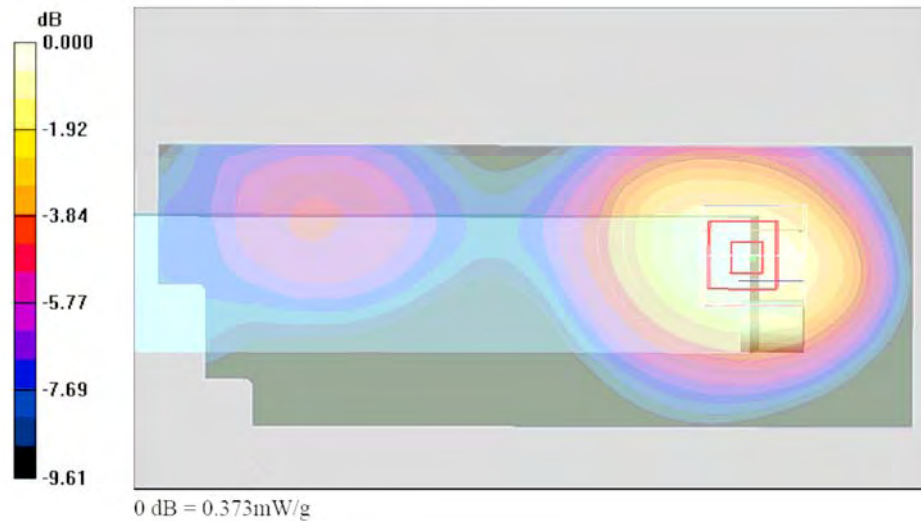Maximum value of SAR (interpolated) = 0.374 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.470 W/kg
**SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.248 mW/g**
Maximum value of SAR (measured) = 0.373 mW/g



0 dB = 0.373mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

## Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS10

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used (interpolated): f = 836.4 MHz; $\sigma$ = 0.969 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

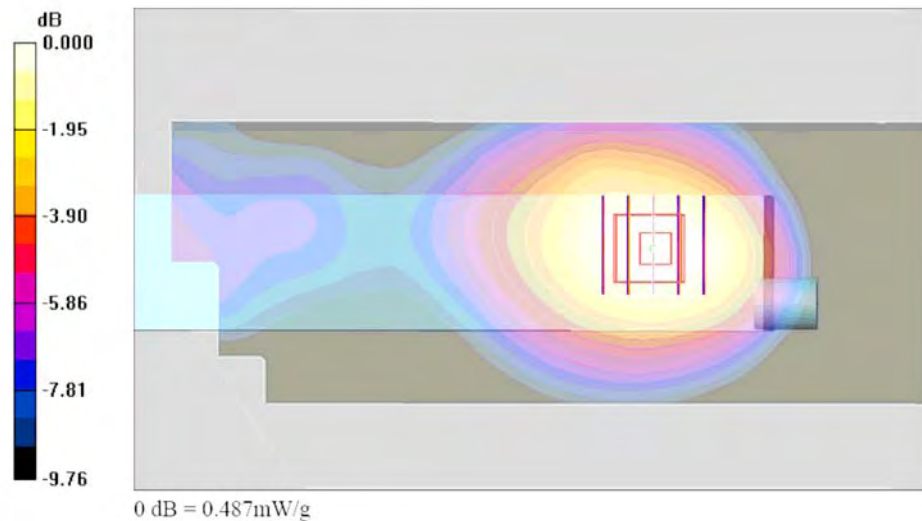Maximum value of SAR (interpolated) = 0.499 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.0 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.601 W/kg
**SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.322 mW/g**
Maximum value of SAR (measured) = 0.487 mW/g



dB
0.000
-1.95
-3.90
-5.86
-7.81
-9.76

0 dB = 0.487mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

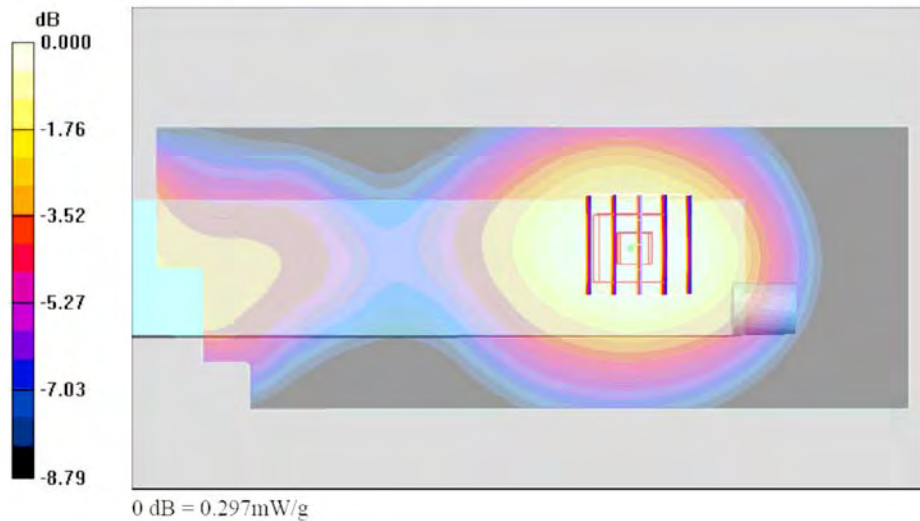**Body_GSM850 Ch189_Holster Right Side Touch_7527C_POD 1_B2_GPRS10**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.969 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.302 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.361 W/kg
**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.206 mW/g**
Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

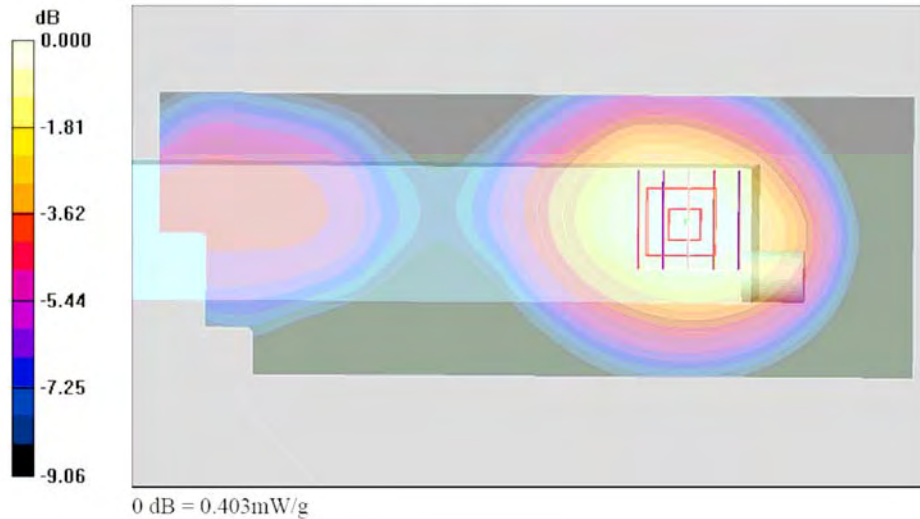## Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 5_B2_GPRS10

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.969 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature : 22.5 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.404 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.488 W/kg
**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.274 mW/g**
Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

## Body_GSM850 Ch189_Holster Right Side Touch_7527S_Endcap 1_B2_GPRS10

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; $ε_r$ = 54.1; ρ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.226 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.225 dB
Peak SAR (extrapolated) = 0.282 W/kg
**SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.149 mW/g**

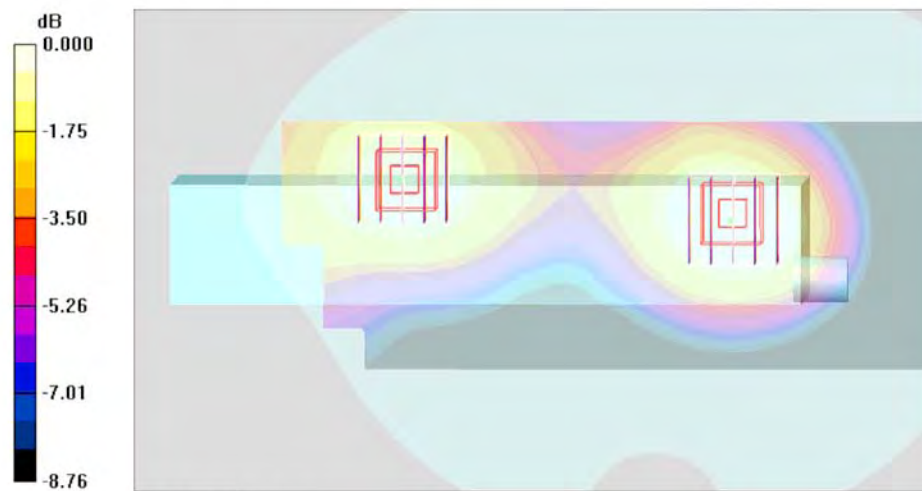Maximum value of SAR (measured) = 0.226 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.225 dB
Peak SAR (extrapolated) = 0.245 W/kg
**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.141 mW/g**
Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.204mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab      Date: 2007/5/5

**Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS12**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; $\varepsilon_r$ = 54.1; ρ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
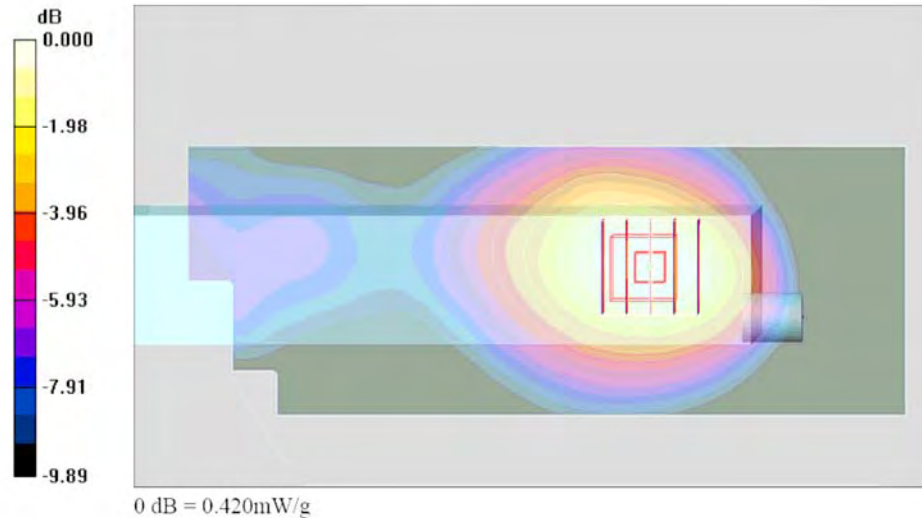
Maximum value of SAR (interpolated) = 0.425 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.542 W/kg
**SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.280 mW/g**
Maximum value of SAR (measured) = 0.420 mW/g



0 dB = 0.420mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

**Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_EDGE8**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: MSL_850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; $\varepsilon_r$ = 54.1; ρ =

1000 kg/m$^3$
Ambient Temperature：22.7 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

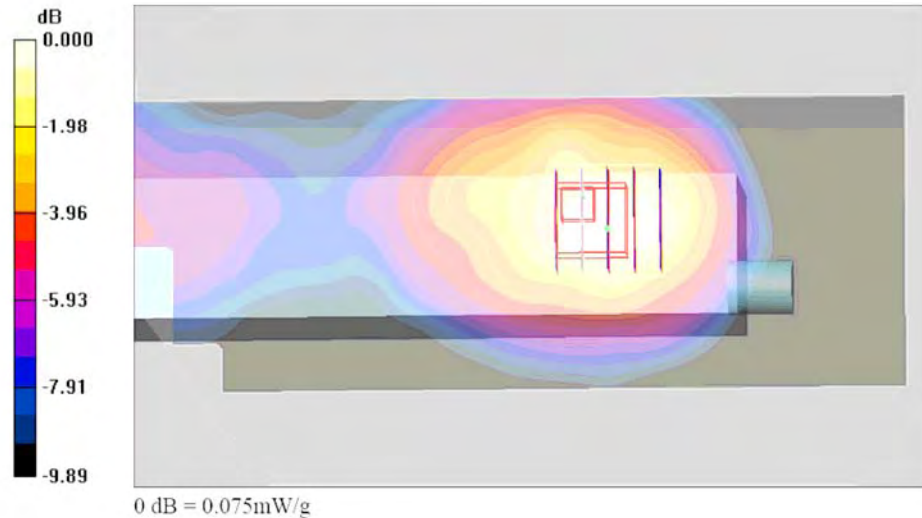Maximum value of SAR (interpolated) = 0.075 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.13 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.095 W/kg
**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.048 mW/g**
Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.075mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab      Date: 2007/5/5

**Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_EDGE10**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; $\varepsilon_r$ = 54.1; ρ = 1000 kg/m³
Ambient Temperature：22.6 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
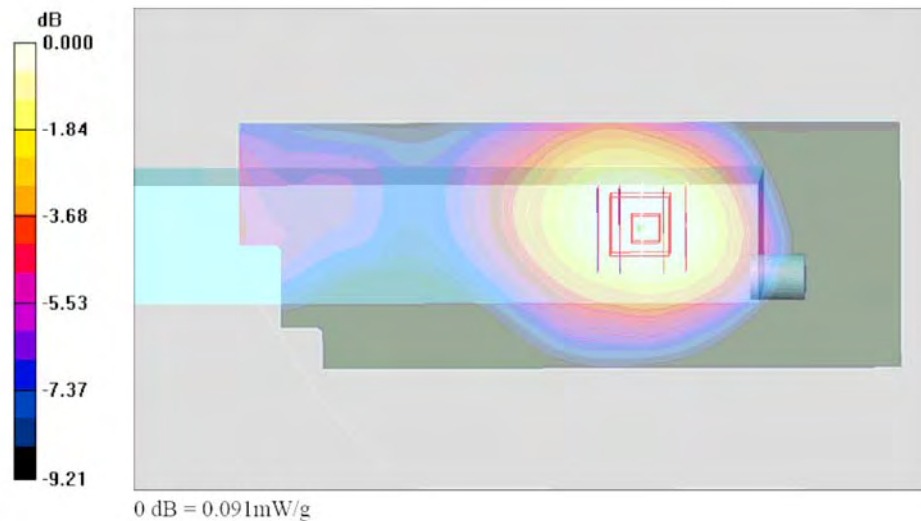
Maximum value of SAR (interpolated) = 0.096 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.74 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.124 W/kg
**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g**
Maximum value of SAR (measured) = 0.091 mW/g



dB
0.000
-1.84
-3.68
-5.53
-7.37
-9.21

0 dB = 0.091mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

**Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_EDGE12**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.969 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
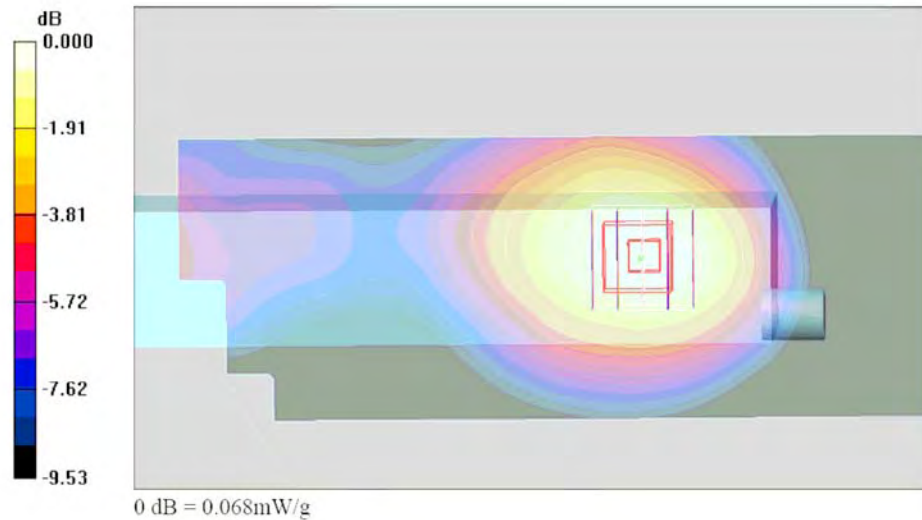
Maximum value of SAR (interpolated) = 0.069 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.13 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.088 W/kg
**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.045 mW/g**
Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab　　　　　Date: 2007/5/6

## Body_PCS Ch661_Holster Left Side Touch_7527C_Endcap 1_B2_GPRS8

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 53.1; $\rho$ = 1000 kg/m$^3$
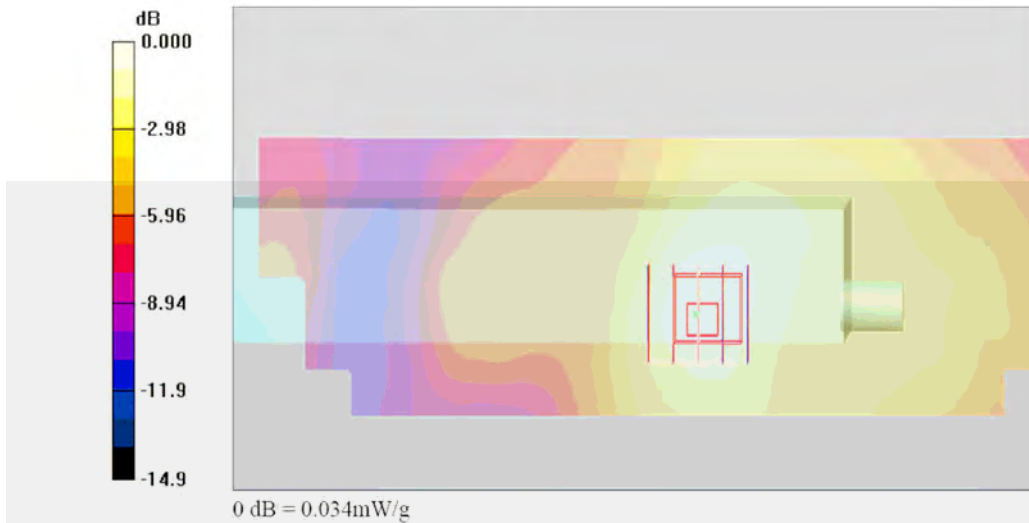Ambient Temperature : 22.5 ℃ ; Liquid Temperature : 21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.034 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.72 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.049 W/kg
**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.020 mW/g**
Maximum value of SAR (measured) = 0.034 mW/g



dB
0.000
-2.98
-5.96
-8.94
-11.9
-14.9

0 dB = 0.034mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

## Body_PCS Ch661_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS8

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
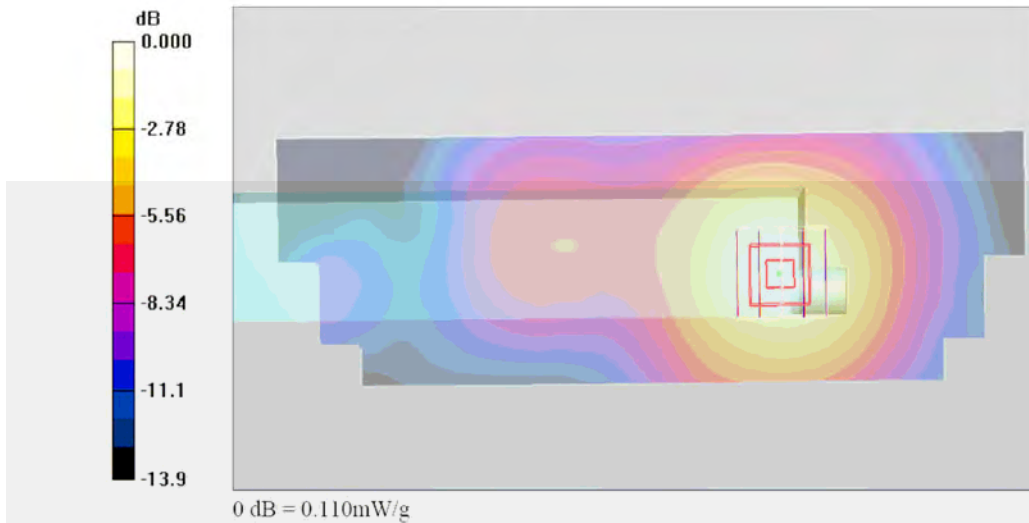Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $ε_r$ = 53.1; ρ = 1000 kg/m³
Ambient Temperature : 22.4 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.111 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.91 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.162 W/kg
**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.065 mW/g**
Maximum value of SAR (measured) = 0.110 mW/g



dB
0.000
-2.78
-5.56
-8.34
-11.1
-13.9

0 dB = 0.110mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

**Body_PCS Ch512_Holster Right Side Touch_7527C_POD 6_B2_GPRS10**

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; $\varepsilon_r$ = 53.3; ρ = 1000 kg/m³
Ambient Temperature：22.3 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.161 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.79 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.228 W/kg
**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.097 mW/g**
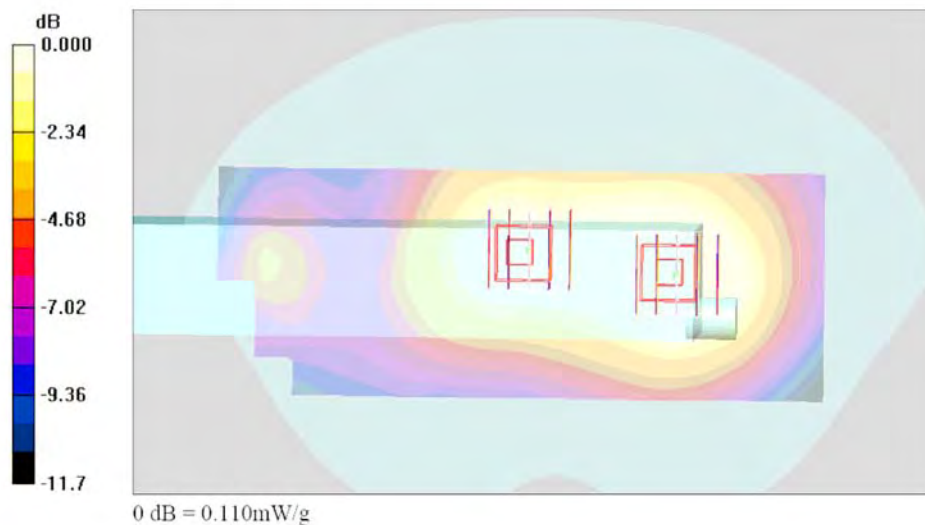
Maximum value of SAR (measured) = 0.160 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.79 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.150 W/kg
**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.070 mW/g**
Maximum value of SAR (measured) = 0.110 mW/g



dB
0.000
-2.34
-4.68
-7.02
-9.36
-11.7

0 dB = 0.110mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

**Body_PCS Ch512_Holster Right Side Touch_7527C_POD 3_B2_GPRS10**

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used : f = 1850.2 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 53.3; $\rho$ =
1000 kg/m$^3$
Ambient Temperature : 22.3 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

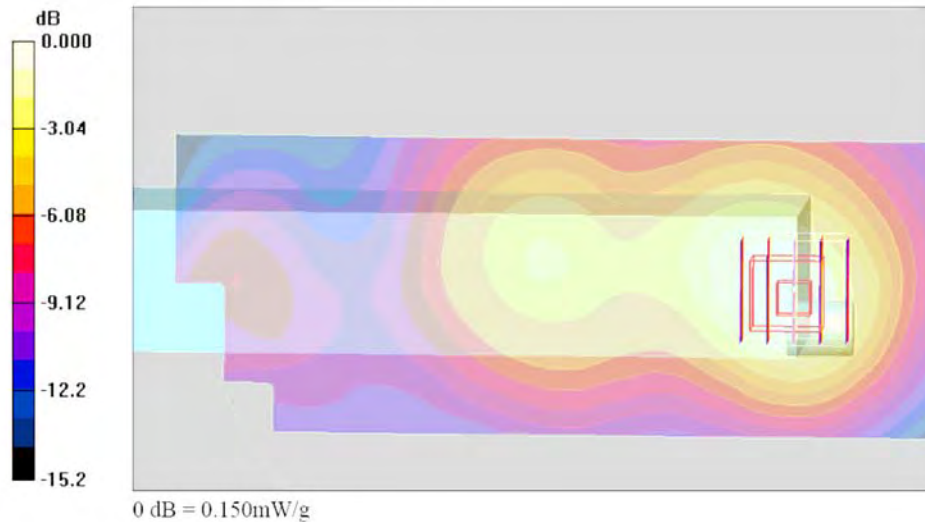Maximum value of SAR (interpolated) = 0.159 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.87 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.222 W/kg
**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.089 mW/g**
Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

### Body_PCS Ch512_Holster Right Side Touch_7527C_POD 4_B2_GPRS10

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; $\varepsilon_r$ = 53.3; ρ =

1000 kg/m³
Ambient Temperature：22.0 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
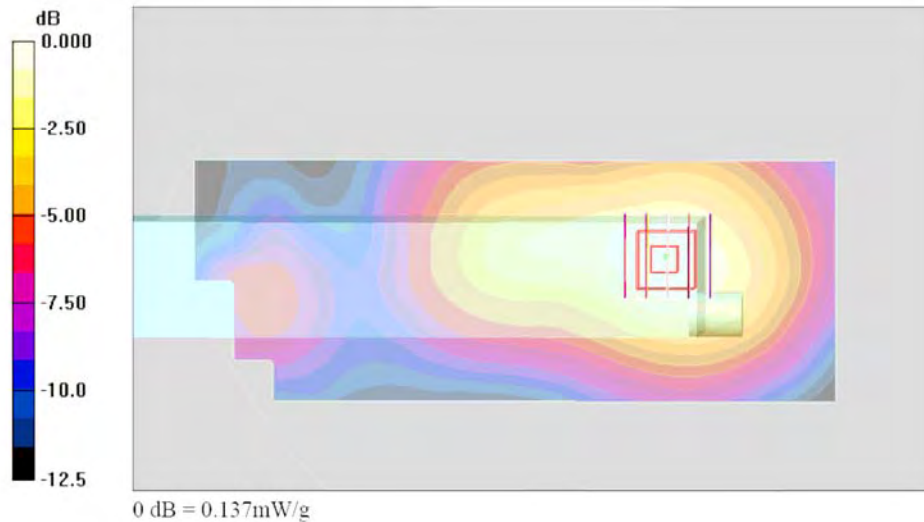
Maximum value of SAR (interpolated) = 0.142 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.41 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.192 W/kg
**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.084 mW/g**
Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

**Body_PCS Ch512_Holster Right Side Touch_7527C_POD 2_B2_GPRS10**

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; $\varepsilon_r$ = 53.3; ρ =

1000 kg/m$^3$
Ambient Temperature：23.0 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

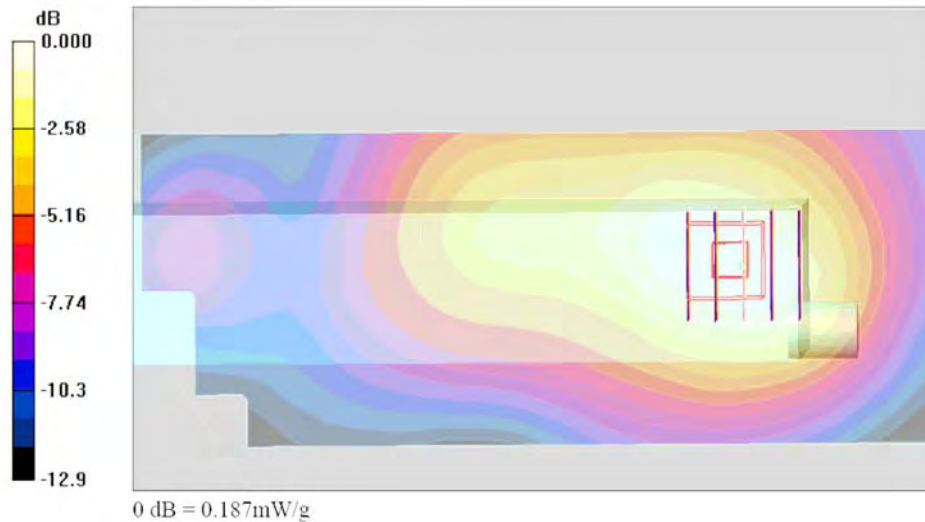Maximum value of SAR (interpolated) = 0.189 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.23 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.268 W/kg
**SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.114 mW/g**
Maximum value of SAR (measured) = 0.187 mW/g



dB
0.000
-2.58
-5.16
-7.74
-10.3
-12.9

0 dB = 0.187mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

## Body_PCS Ch512_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS10

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; $ε_r$ = 53.3; ρ = 1000 kg/m³
Ambient Temperature：23.2 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm

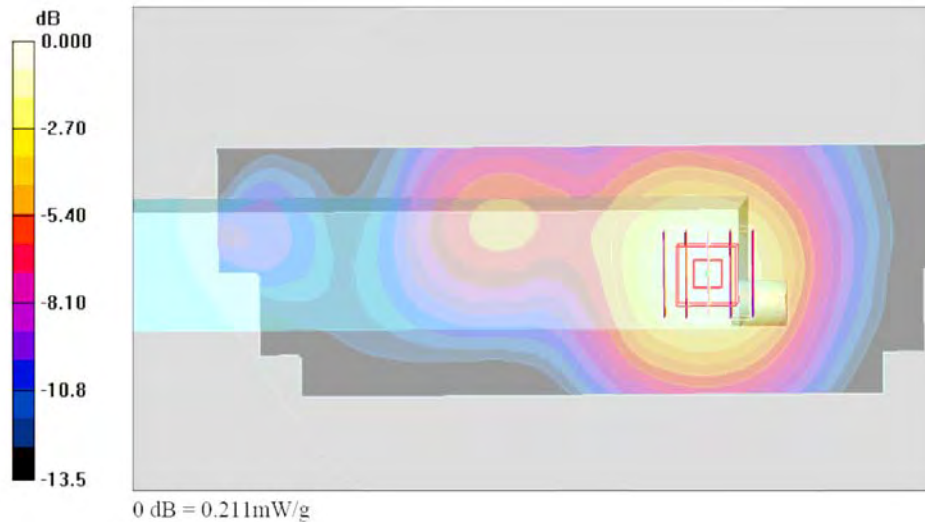Maximum value of SAR (interpolated) = 0.213 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 0.300 W/kg
**SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.125 mW/g**
Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.211mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

**Body_PCS Ch512_Holster Right Side Touch_7527C_POD 1_B2_GPRS10**

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used (interpolated): f = 1850.2 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 53.3; $\rho$ =

1000 kg/m$^3$
Ambient Temperature：22.4 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.150 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.45 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.203 W/kg
**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.144 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.45 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.147 W/kg
**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.066 mW/g**
Maximum value of SAR (measured) = 0.105 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

**Body_PCS Ch512_Holster Right Side Touch_7527C_Endcap 5_B3_GPRS10**

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; $\varepsilon_r$ = 53.3; ρ = 1000 kg/m³
Ambient Temperature：22.2 ℃；Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
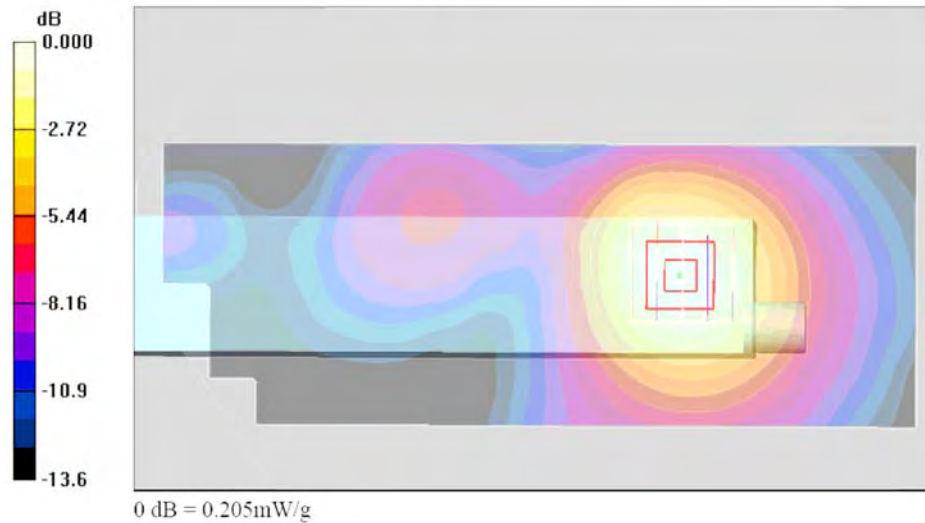Maximum value of SAR (interpolated) = 0.206 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.18 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.274 W/kg
**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.120 mW/g**
Maximum value of SAR (measured) = 0.205 mW/g



0 dB = 0.205mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

## Body_PCS Ch512_Holster Right Side Touch_7527C_Endcap 2_B2_GPRS10

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 53.3; $\rho$ = 1000 kg/m$^3$
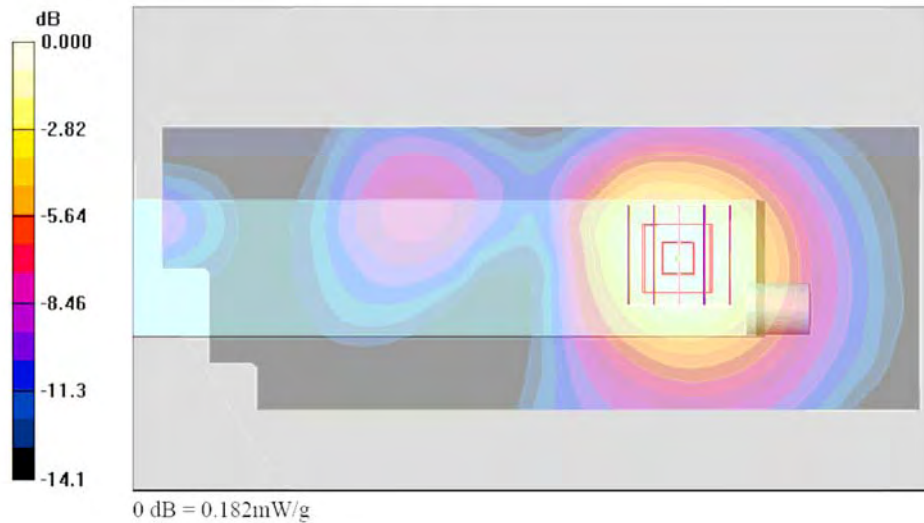Ambient Temperature : 22.8 ℃; Liquid Temperature : 20.9 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch512/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.186 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.87 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.244 W/kg
**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.106 mW/g**
Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

### Body_PCS Ch661_Holster Right Side Touch_7527C_Endcap 5_B2_GPRS10

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 53.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature : 22.8 ℃; Liquid Temperature : 20.9 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm
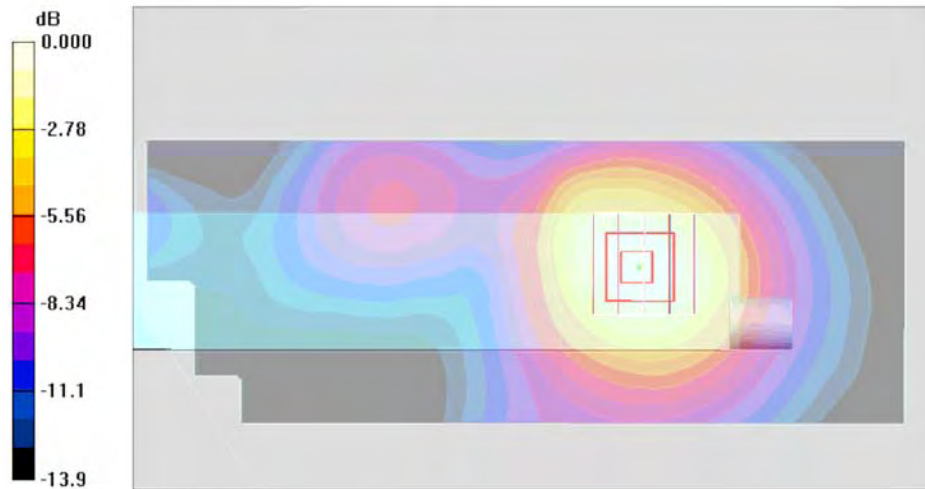Maximum value of SAR (interpolated) = 0.258 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 0.346 W/kg
**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.149 mW/g**
Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab      Date: 2007/5/6

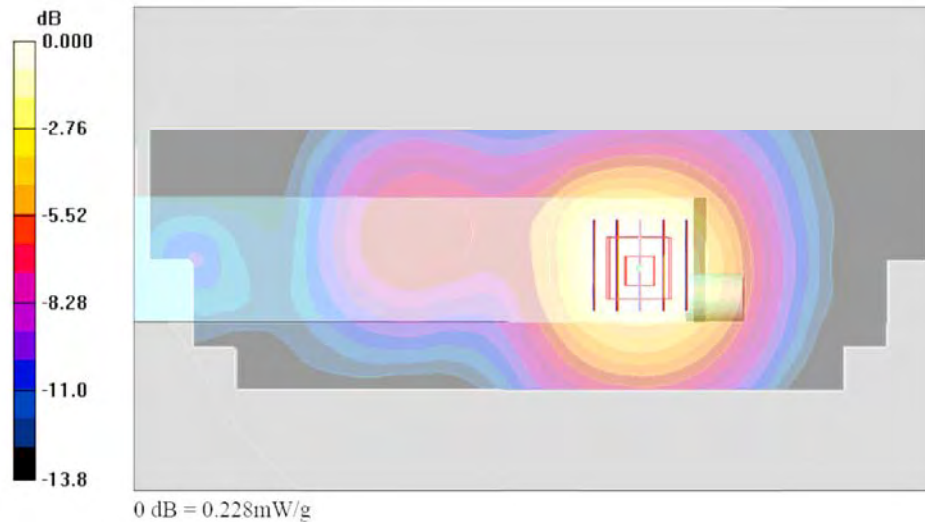## Body_PCS Ch512_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS10_BT On

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; $\varepsilon_r$ = 53.3; ρ =

1000 kg/m³
Ambient Temperature：22.4 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch810/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.61 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.326 W/kg
**SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.137 mW/g**
Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

## Body_PCS Ch661_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS12

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:2
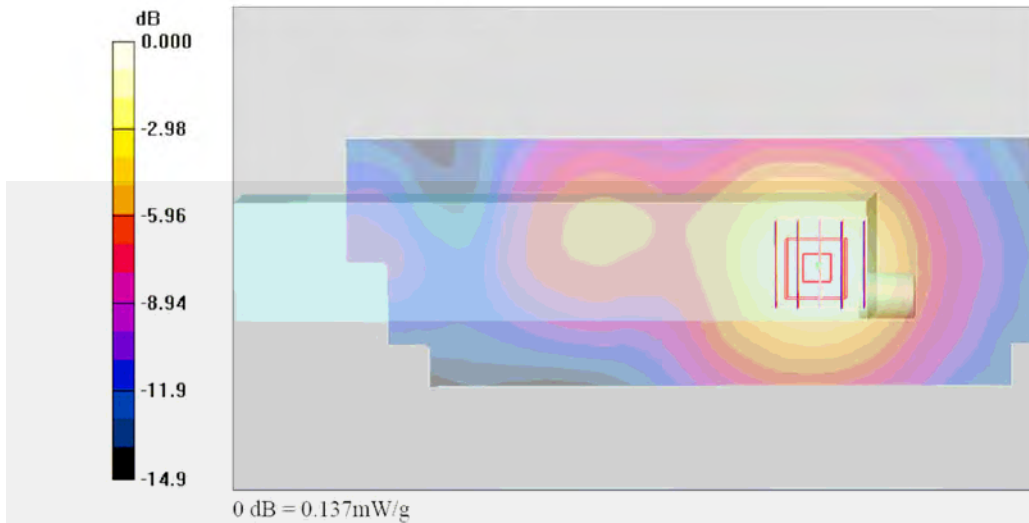Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $\varepsilon_r$ = 53.1; ρ = 1000 kg/m³
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.139 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.19 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.201 W/kg
**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.080 mW/g**
Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab　　　　　Date: 2007/5/6

## Body_PCS Ch661_Holster Right Side Touch_7527C_Endcap 1_B2_EDGE8

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $\varepsilon_r$ = 53.1; ρ = 1000 kg/m$^3$
Ambient Temperature：22.2 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.042 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.88 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.063 W/kg
**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.025 mW/g**
Maximum value of SAR (measured) = 0.041 mW/g



dB
0.000
-3.24
-6.48
-9.72
-13.0
-16.2

0 dB = 0.041mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

## Body_PCS Ch661_Holster Right Side Touch_7527C_Endcap 1_B2_EDGE10

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
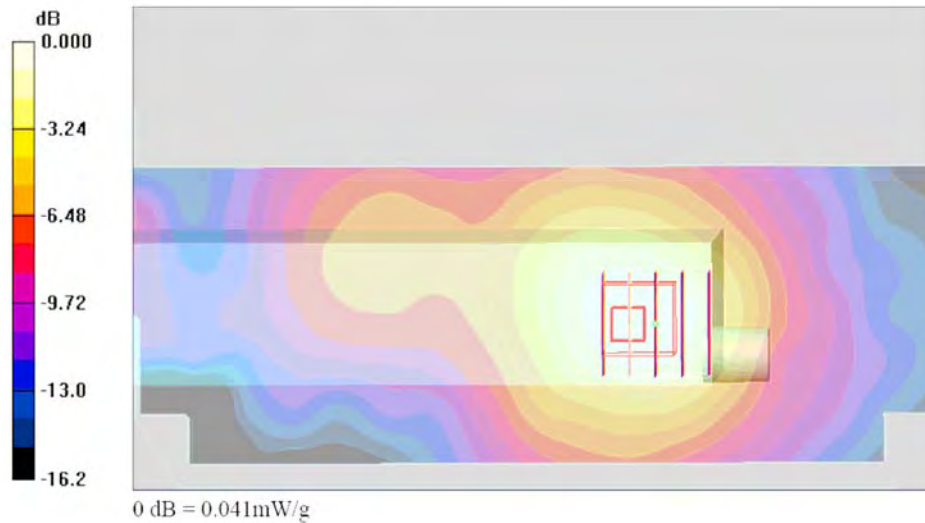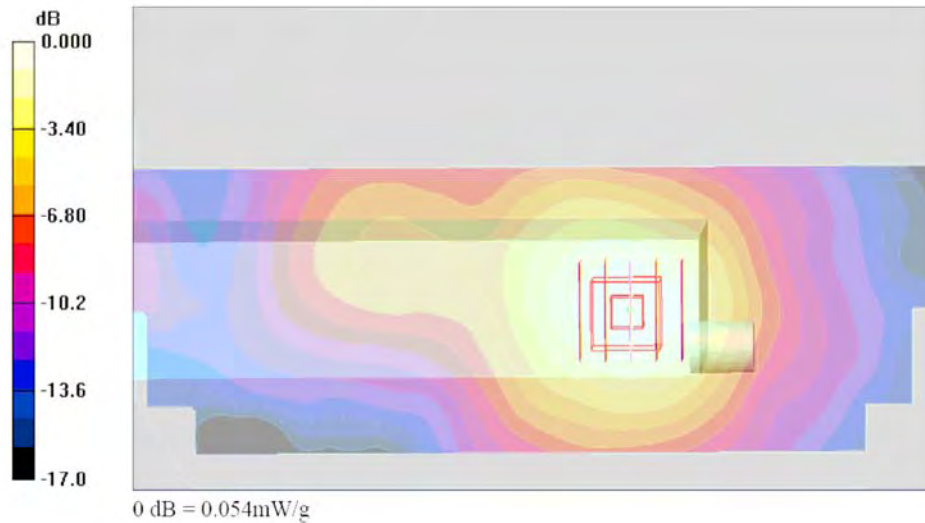Medium: MSL_1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 53.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.056 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.39 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.079 W/kg
**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.032 mW/g**
Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/6

## Body_PCS Ch661_Holster Right Side Touch_7527C_Endcap 1_B2_EDGE12

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 53.1; $\rho$ = 1000 kg/m$^3$
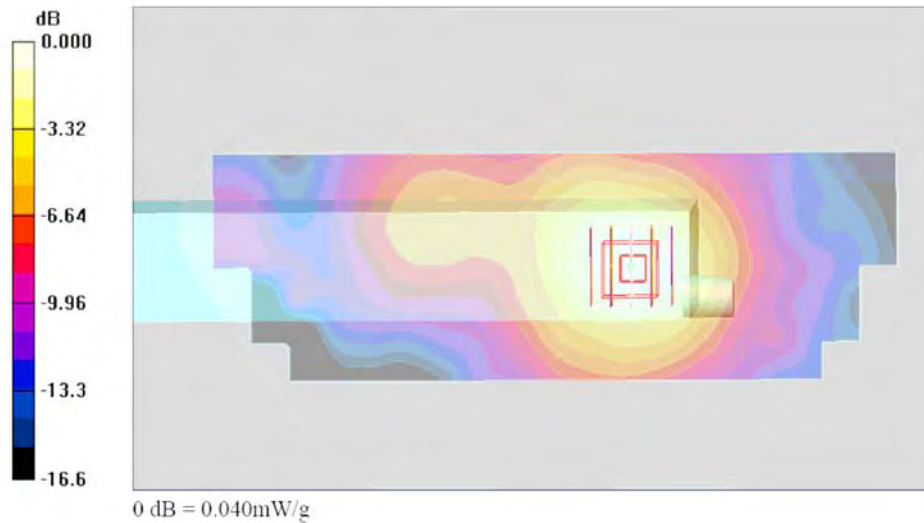Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch661/Area Scan (61x201x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.041 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.75 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 0.063 W/kg
**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.024 mW/g**
Maximum value of SAR (measured) = 0.040 mW/g



dB
0.000
-3.32
-6.64
-9.96
-13.3
-16.6

0 dB = 0.040mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date/Time: 2/4/2007 11:20:15 AM

## Left Tilted_GSM850 Ch251_20070204_Bluetooth On_PC529_2D

### DUT: 710211

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850 Medium parameters used: f = 849 MHz; $\sigma$ = 0.912 mho/m; $\varepsilon_r$ = 42.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature : 22.4 ℃; Liquid Temperature : 20.9 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Ch251/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm
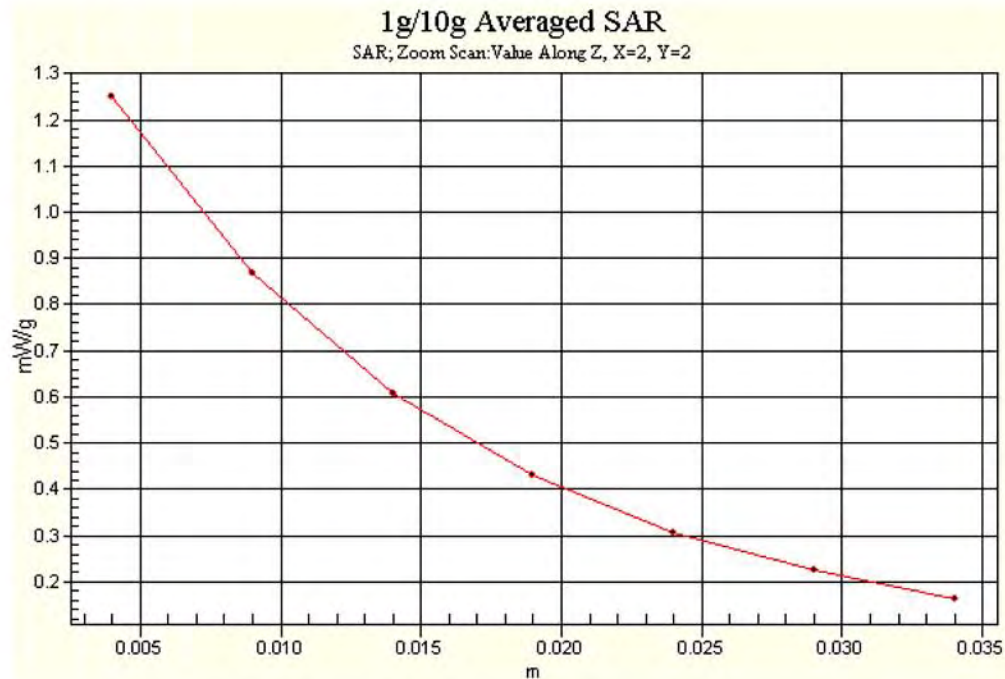Maximum value of SAR (interpolated) = 1.25 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.3 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 1.63 W/kg
**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.775 mW/g**
Maximum value of SAR (measured) = 1.25 mW/g



1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab        Date/Time: 2/4/2007 2:42:50 PM

## Left Tilted_PCS Ch512_20070204_Bluetooth On_PC529_2D

**DUT: 710211**

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900 Medium parameters used : f = 1850.2 MHz; $\sigma$ = 1.43 mho/m; $\varepsilon_r$ = 41.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Ch512/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm
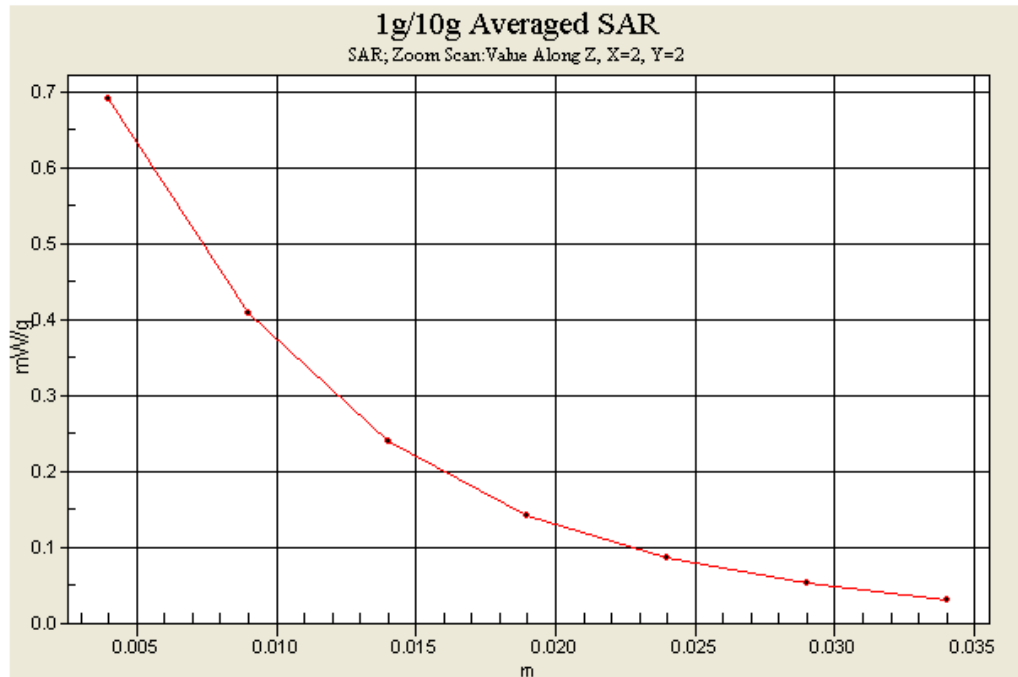Maximum value of SAR (interpolated) = 0.696 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 1.05 W/kg
**SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.368 mW/g**
Maximum value of SAR (measured) = 0.690 mW/g



1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date/Time: 2/4/2007 8:00:53 PM

**Body_GSM850 Ch251_Keypad Up with 1.5cm Gap_20070204_GPRS10_PC529_2D**

**DUT: 710211**

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: f = 849 MHz; $\sigma$ = 0.984 mho/m; $\varepsilon_r$ = 56.1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：21.9 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Ch251/Area Scan (71x171x1):** Measurement grid: dx=15mm, dy=15mm
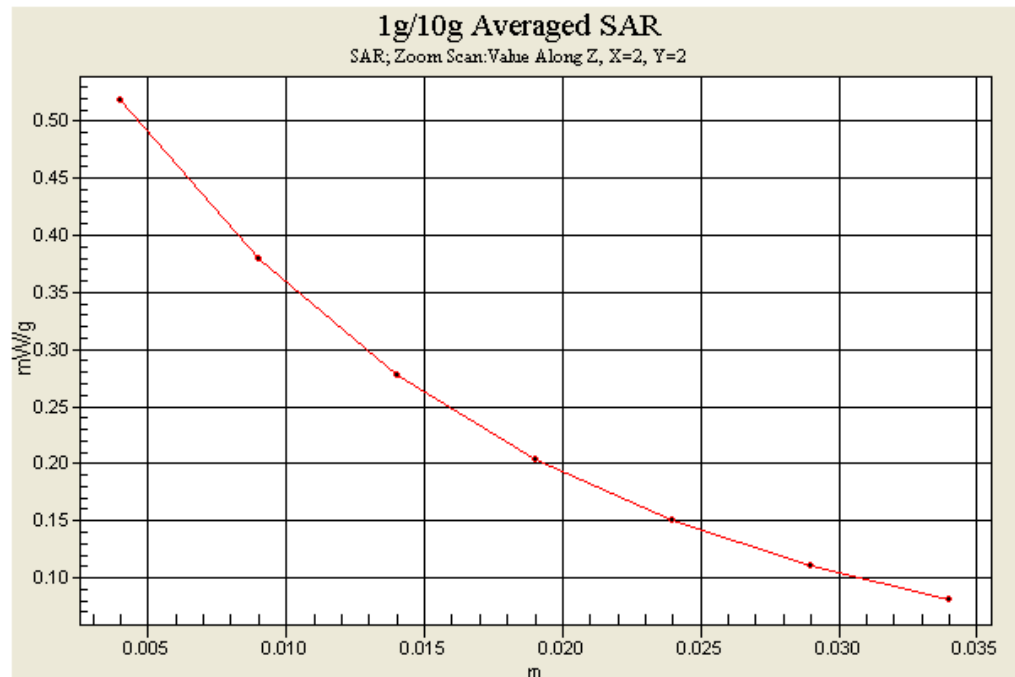Maximum value of SAR (interpolated) = 0.519 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.647 W/kg
**SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.348 mW/g**
Maximum value of SAR (measured) = 0.518 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date/Time: 2/5/2007 7:56:43 PM

**Body_PCS Ch512_Keypad Up with 1.5cm Gap_GPRS10_PC529_2D**

**DUT: 710211**

Communication System: PCS 1900: Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\varepsilon_r = 53.2$; $\rho = 1000$ kg/m$^3$
Ambient Temperature : 21.5 ℃; Liquid Temperature : 18.9 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Ch512/Area Scan (71x171x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.93 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.256 W/kg
**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.114 mW/g**
Maximum value of SAR (measured) = 0.183 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
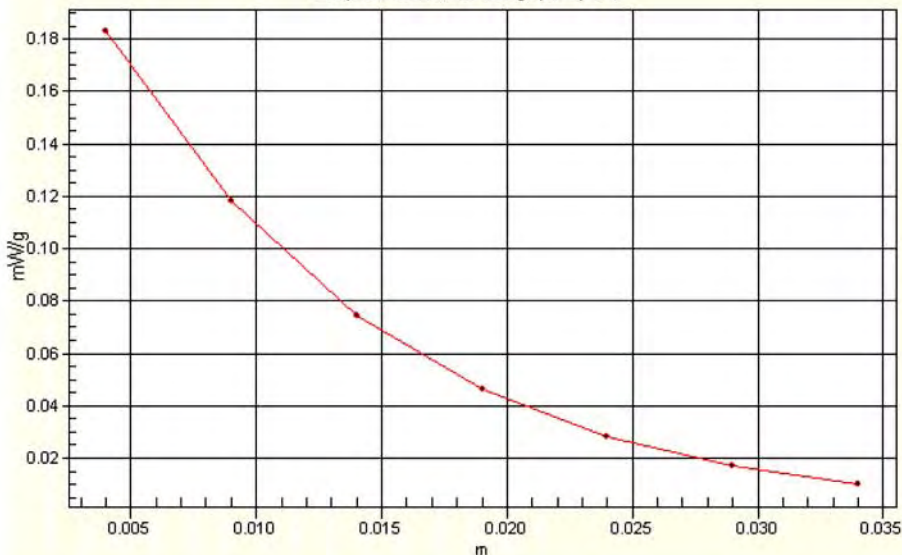Reference Value = 8.93 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.160 W/kg
**SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.076 mW/g**
Maximum value of SAR (measured) = 0.120 mW/g

**1g/10g Averaged SAR**

SAR; Zoom Scan:Value Along Z, X=1, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/5

## Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS10_2D

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; $\varepsilon_r$ = 54.1; ρ =

1000 kg/m$^3$
Ambient Temperature：22.6 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch189/Area Scan (61x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.499 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
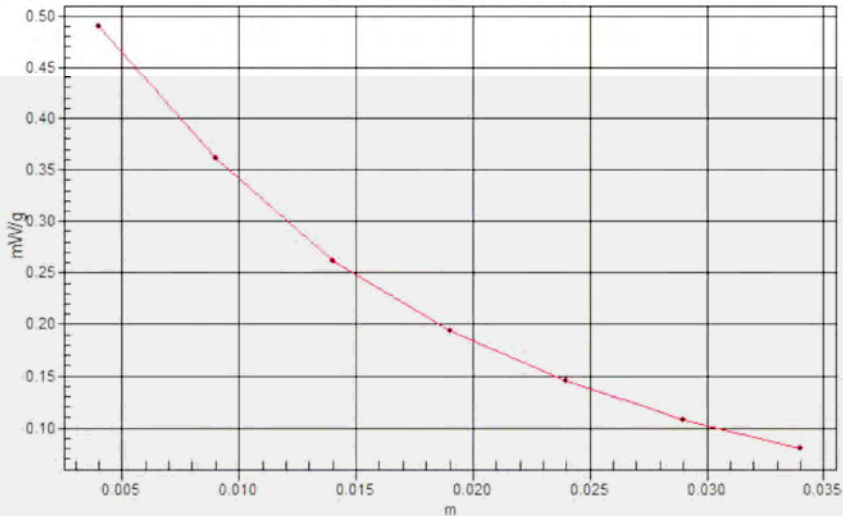Reference Value = 21.0 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.601 W/kg
**SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.322 mW/g**
Maximum value of SAR (measured) = 0.487 mW/g

### 1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab      Date: 2007/5/1

## Left Tilted_GSM850 Ch251_7527C_POD 3_B2_2D

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850 Medium parameters used: f = 849 MHz; $\sigma$ = 0.902 mho/m; $\varepsilon_r$ = 42.8; $\rho$ = 1000 kg/m$^3$
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.6, 6.6, 6.6); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch251/Area Scan (81x181x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.38 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
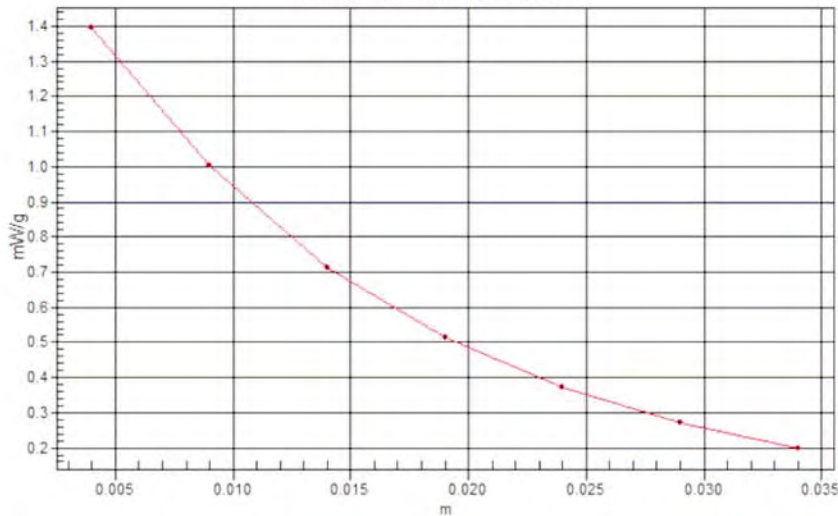Reference Value = 30.9 V/m; Power Drift = -0.176 dB
Peak SAR (extrapolated) = 1.81 W/kg
**SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.890 mW/g**
Maximum value of SAR (measured) = 1.39 mW/g

### 1g/10g Averaged SAR

SAR; Zoom Scan;Value Along Z, X=2, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab          Date: 2007/5/1

## Left Tilted_GSM850 Ch251_7527S_POD 3_B2_2D

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850 Medium parameters used: f = 849 MHz; σ = 0.902 mho/m; $ε_r$ = 42.8; ρ = 1000 kg/m$^3$
Ambient Temperature : 22.4 ℃ ; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.38, 6.38, 6.38); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch251/Area Scan (81x161x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 1.43 W/kg
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.682 mW/g**
Maximum value of SAR (measured) = 1.09 mW/g



1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2