



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/7/10

**Body\_GSM850 Ch189\_Keypad Down with 1.5cm Gap\_GPRS12\_Scanner1**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

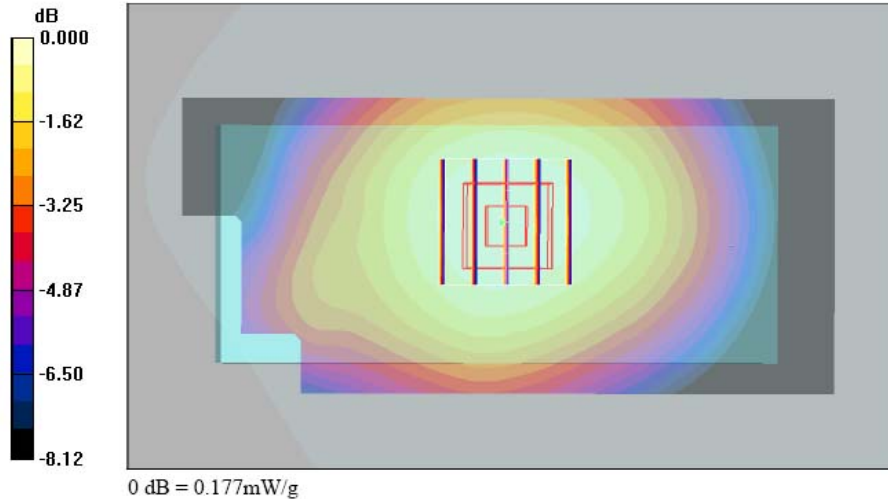
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.74 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.177 mW/g





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**Body\_GSM850 Ch189\_Keypad Down with 1.5cm Gap\_GPRS12\_Scanner1**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

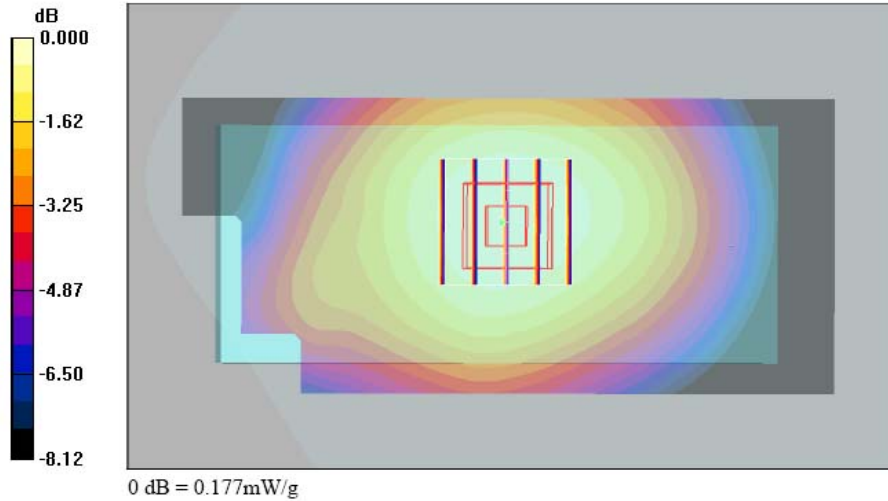
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.74 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.177 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/7/10

**Body\_GSM850 Ch189\_Keypad Down with 1.5cm Gap\_EDGE8\_Scanner1**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.141 mW/g

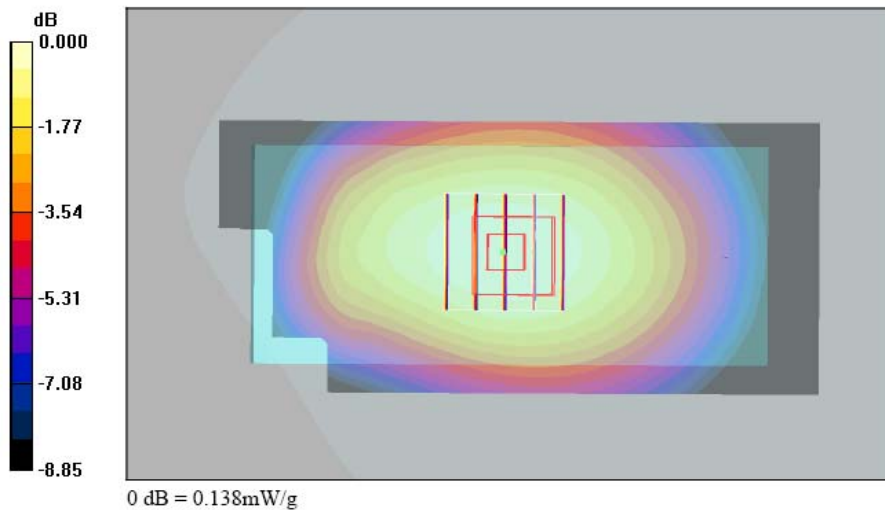
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.38 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.138 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/7/10

**Body\_GSM850 Ch189\_Keypad Down with 1.5cm Gap\_EDGE10\_Scanner1**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.115 mW/g

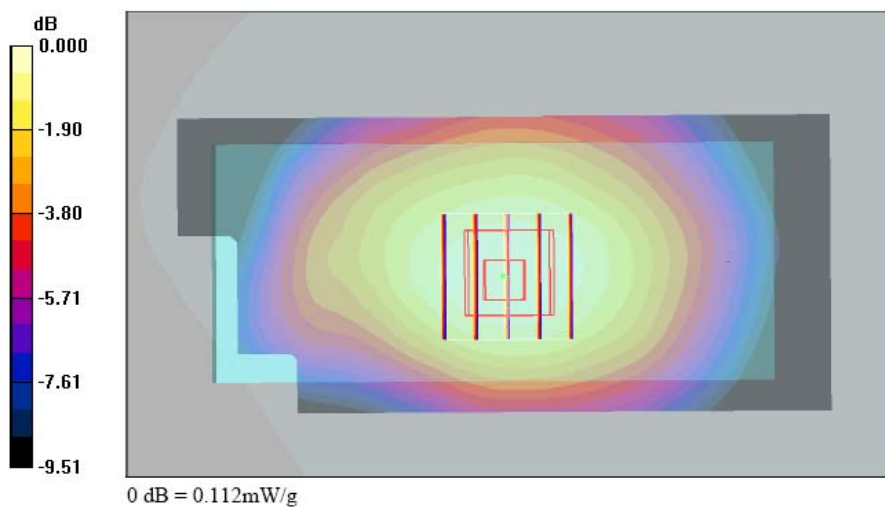
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.71 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.112 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Up with 1.5cm Gap\_GPRS12\_Scanner1**

**DUT: 762206**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.13 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.094 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.074 mW/g

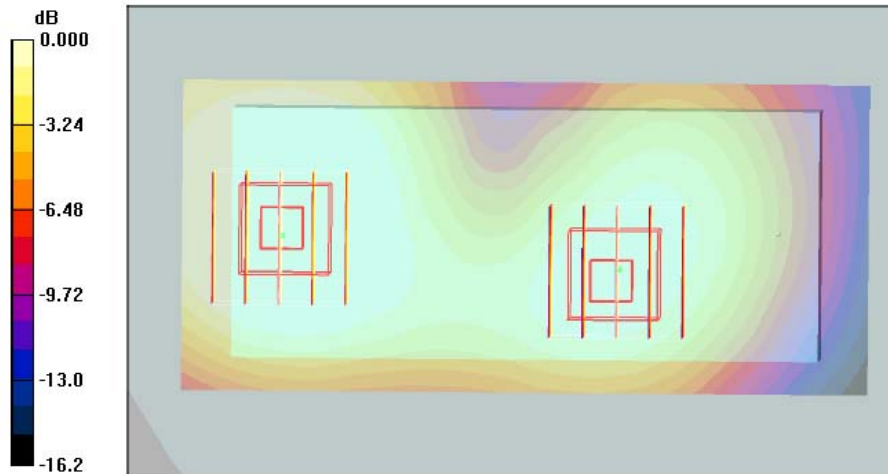
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.13 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.060 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.047 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_GPRS8\_Scanner1**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23,5 °C; Liquid Temperature : 21,5 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 mW/g

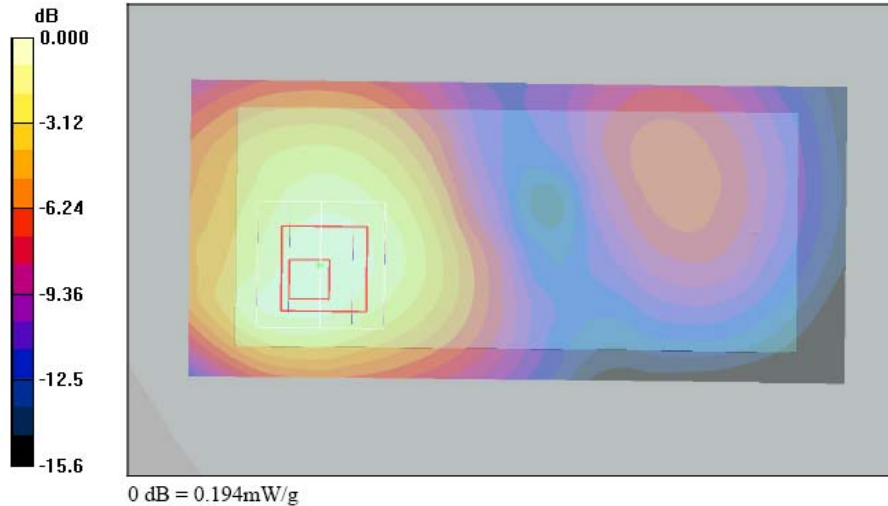
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.07 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.194 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_GPRS10\_Scanner1**

**DUT: 762206**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 mW/g

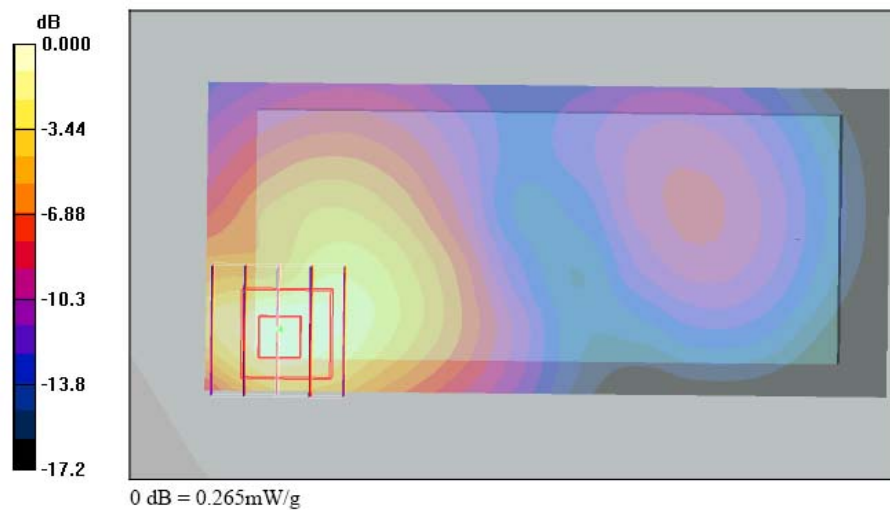
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.39 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.265 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_GPRS10\_Scanner1\_Bluetooth On**

**DUT: 762206**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.190 mW/g

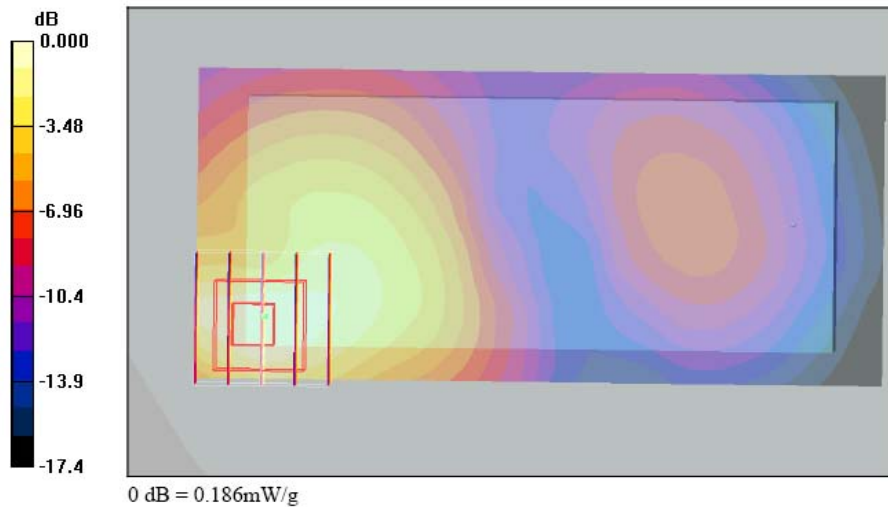
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.52 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.099 mW/g**

Maximum value of SAR (measured) = 0.186 mW/g







Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_GPRS10\_Scanner2**

**DUT: 762206**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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-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 (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 mW/g

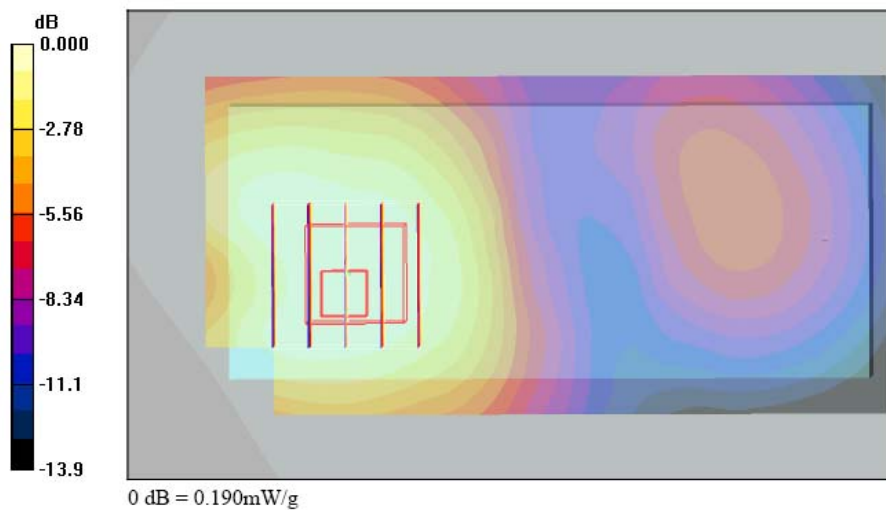
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.95 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.190 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_GPRS12\_Scanner1**

**DUT: 762206**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

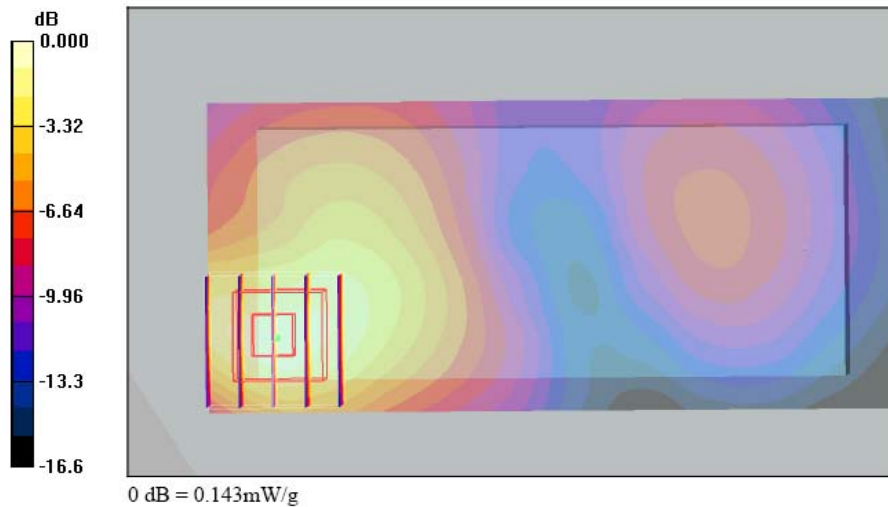
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.203 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.143 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_EDGE8\_Scanner1**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.5 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.082 mW/g

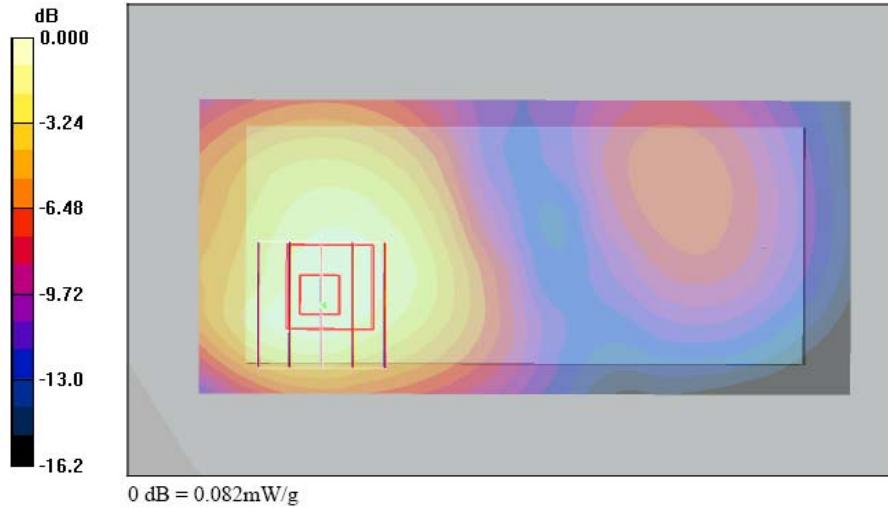
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.64 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.082 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/14

**Body\_PCS Ch661\_Keypad Down with 1.5cm Gap\_EDGE10\_Scanner1**

**DUT: 762206**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 53.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

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-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 (51x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.041 mW/g

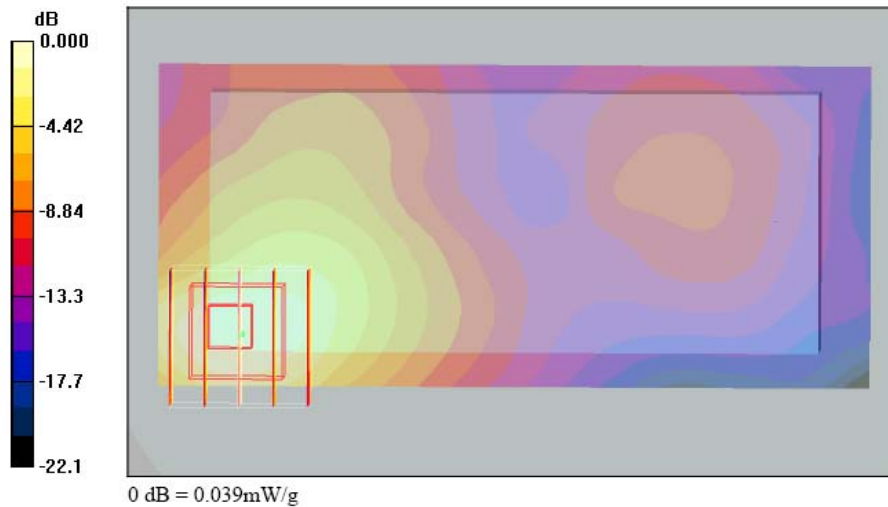
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.57 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.056 W/kg

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.039 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date : 2007/7/17

**Body\_802.11b Ch6\_Keypad Up with 1.5cm Gap\_Scanner1**

**DUT: 762206**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.0 °C; Liquid Temperature : 21.5 °C

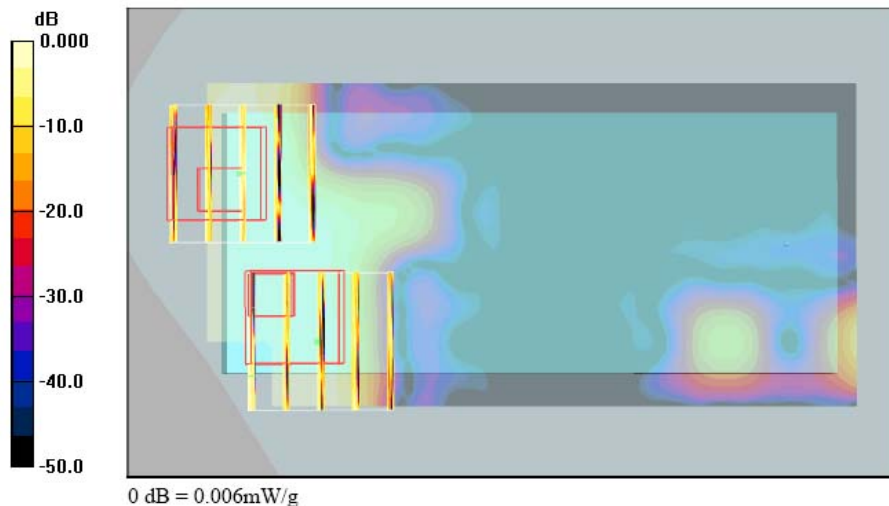
**DASY4 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.008 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.555 V/m; Power Drift = 0.103 dB  
Peak SAR (extrapolated) = 0.005 W/kg  
SAR(1 g) = 0.000206 mW/g; SAR(10 g) = 4.82e-005 mW/g  
Maximum value of SAR (measured) = 0.005 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.555 V/m; Power Drift = 0.103 dB  
Peak SAR (extrapolated) = 0.004 W/kg  
SAR(1 g) = 0.000159 mW/g; SAR(10 g) = 4.99e-005 mW/g  
Maximum value of SAR (measured) = 0.006 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date : 2007/7/17

**Body\_802.11b Ch6\_Keypad Down with 1.5cm Gap\_Scanner1**

**DUT: 762206**

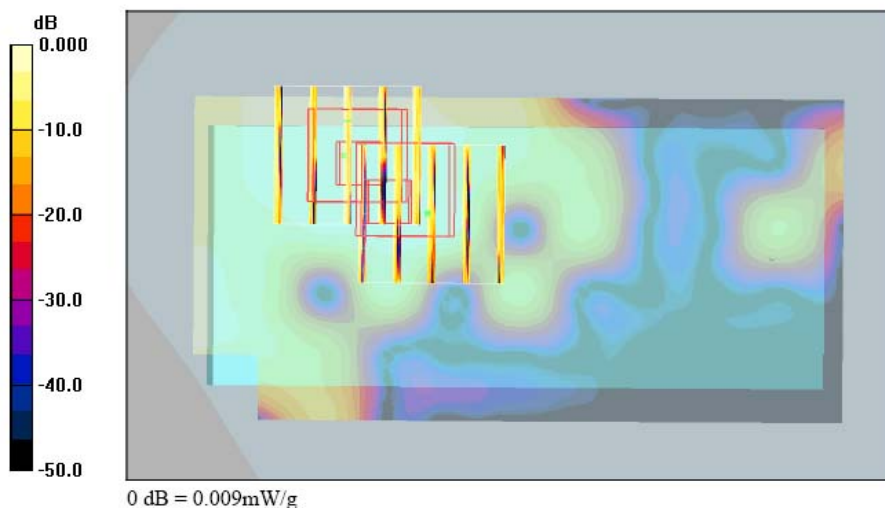
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.0 °C; Liquid Temperature : 21.5 °C

- DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.012 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.623 V/m; Power Drift = 0.142 dB  
Peak SAR (extrapolated) = 0.053 W/kg  
**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00491 mW/g**  
Maximum value of SAR (measured) = 0.009 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.623 V/m; Power Drift = 0.142 dB  
Peak SAR (extrapolated) = 0.038 W/kg  
**SAR(1 g) = 0.00973 mW/g; SAR(10 g) = 0.00391 mW/g**





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/7/17

**Body\_802.11b Ch6\_Keypad Down with 1.5cm Gap\_Scanner1\_Bluetooth On**

**DUT: 762206**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.012 mW/g

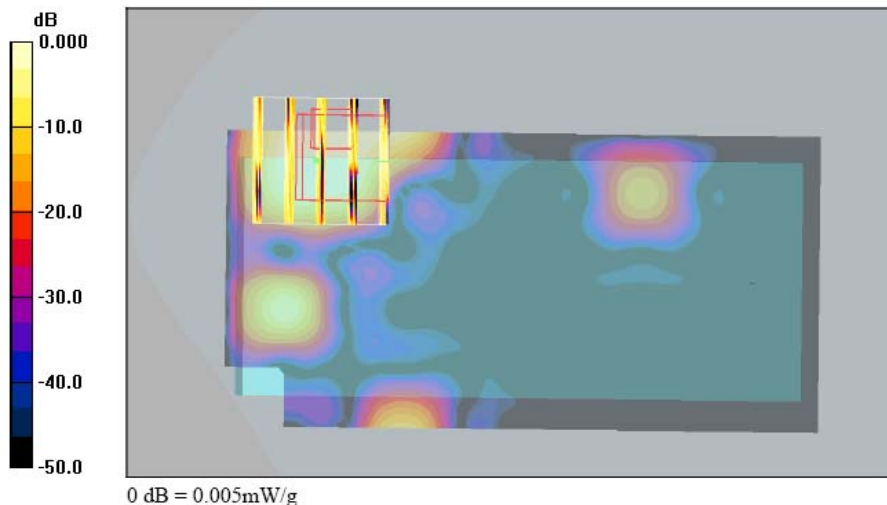
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.268 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.000317 mW/g; SAR(10 g) = 5.57e-005 mW/g

Maximum value of SAR (measured) = 0.005 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date: 2007/7/17

**Body\_802.11b Ch6\_Keypad Down with 1.5cm Gap\_Scanner2**

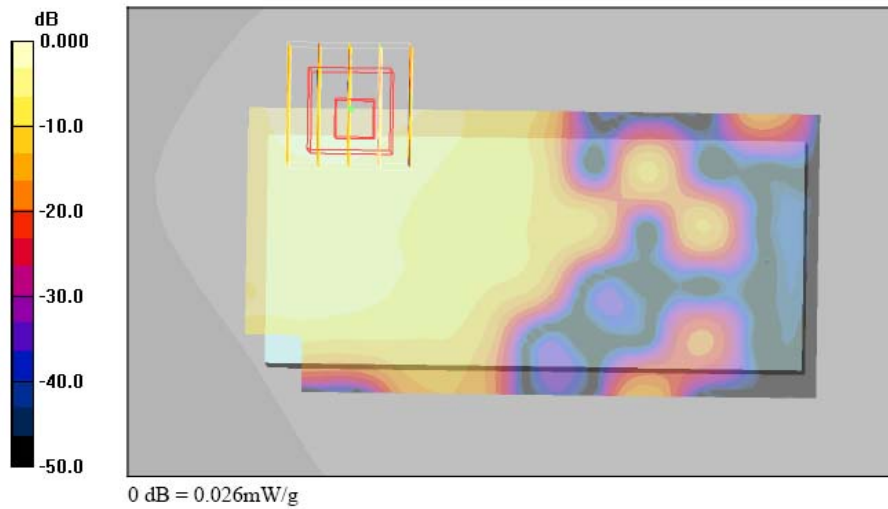
**DUT: 762206**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.0 °C; Liquid Temperature : 21.5 °C

- DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.020 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.682 V/m; Power Drift = -0.108 dB  
Peak SAR (extrapolated) = 0.045 W/kg  
**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00858 mW/g**  
Maximum value of SAR (measured) = 0.026 mW/g







Test Laboratory: Sporton International Inc. SAR Testing Lab Date : 2007/7/17

**Body\_802.11g Ch6\_Keypad Down with 1.5cm Gap\_Scanner1**

**DUT: 762206**

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.0 °C; Liquid Temperature : 21.5 °C

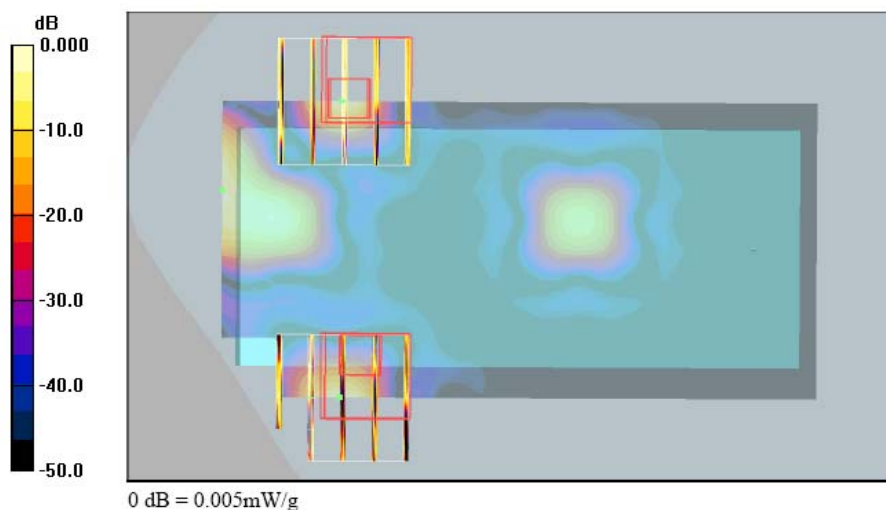
**DASY4 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.004 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.331 V/m; Power Drift = 0.171 dB  
Peak SAR (extrapolated) = 0.004 W/kg  
SAR(1 g) = 0.000191 mW/g; SAR(10 g) = 4.3e-005 mW/g  
Maximum value of SAR (measured) = 0.004 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.331 V/m; Power Drift = 0.171 dB  
Peak SAR (extrapolated) = 0.005 W/kg  
SAR(1 g) = 0.000153 mW/g; SAR(10 g) = 4.11e-005 mW/g  
Maximum value of SAR (measured) = 0.005 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/8/14

**Body\_GSM850 Ch189\_Keypad Down with Holster Touch\_GPRS8\_Scanner2**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.733 mW/g

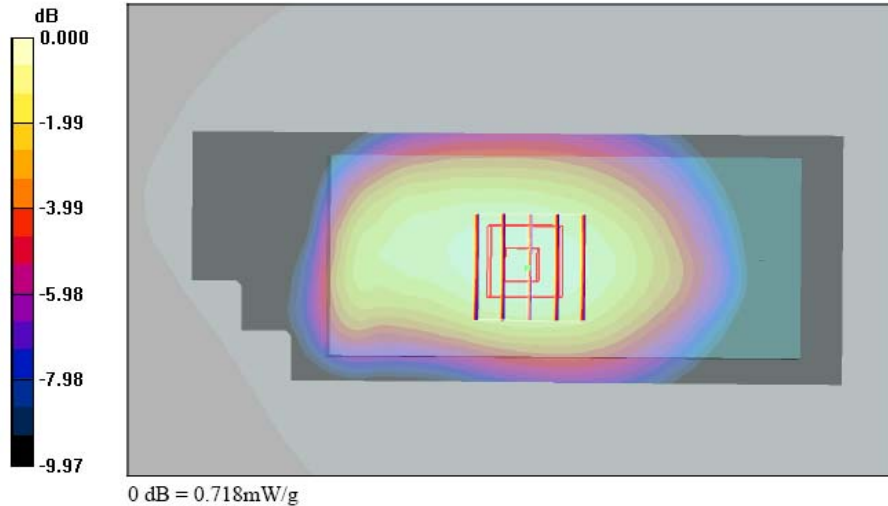
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 0.718 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/8/14

**Body\_GSM850 Ch251\_Keypad Down with Holster Touch\_GPRS10\_Scanner2**

**DUT: 762206**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-A; Type: QD 000 P40 C; Serial: TP-1303

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch251/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

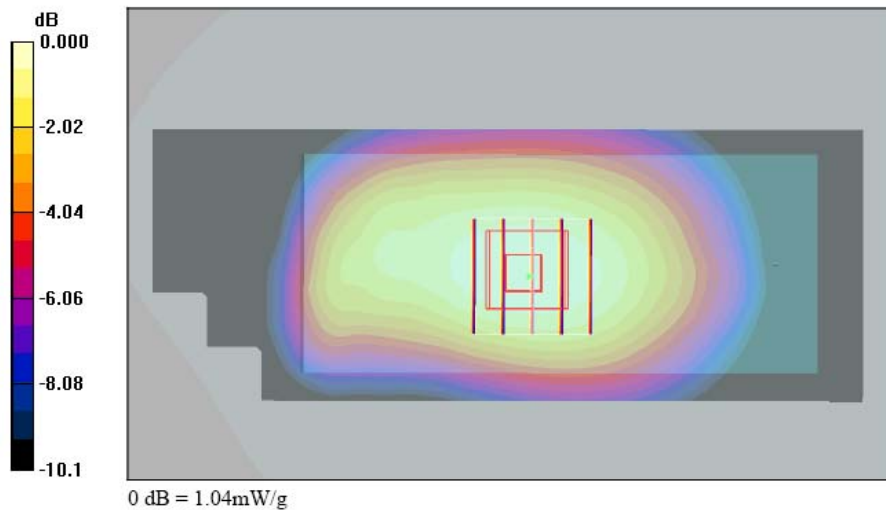
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.04 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/14

**Body\_GSM850 Ch251\_Keypad Down with Holster Touch\_GPRS10\_Scanner2\_Bluetooth On**

**DUT: 762206**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-A; Type: QD 000 P40 C; Serial: TP-1303

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch251/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.684 mW/g

Maximum value of SAR (measured) = 0.994 mW/g

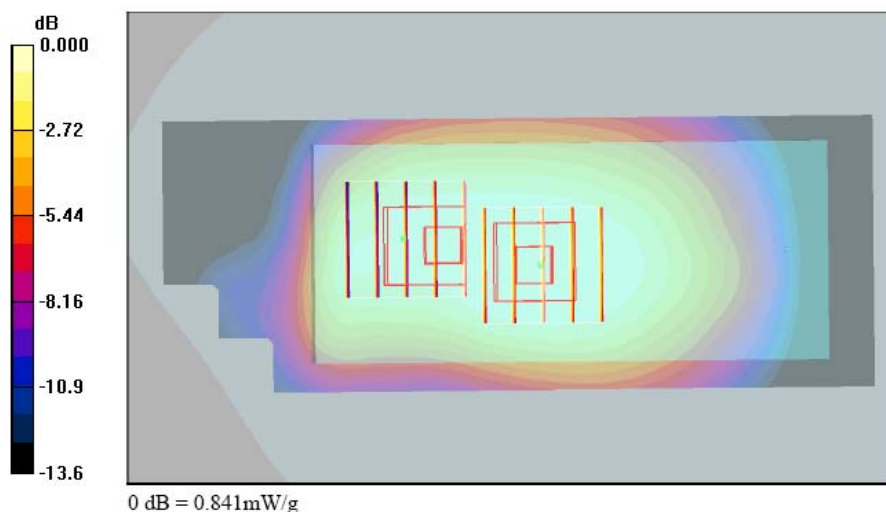
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.841 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/8/14

**Body\_GSM850 Ch251\_Keypad Down with Holster Touch\_GPRS10\_Scanner1**

**DUT: 762206**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-A; Type: QD 000 P40 C; Serial: TP-1303

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Ch251/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.7 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.727 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

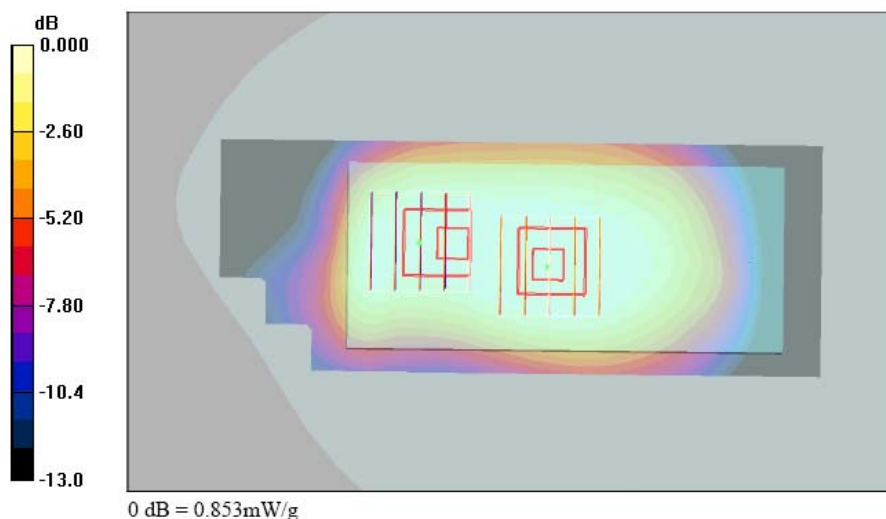
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.7 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 0.853 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/8/14

**Body\_GSM850 Ch189\_Keypad Down with Holster Touch\_GPRS12\_Scanner2**

**DUT: 762206**

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;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.778 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

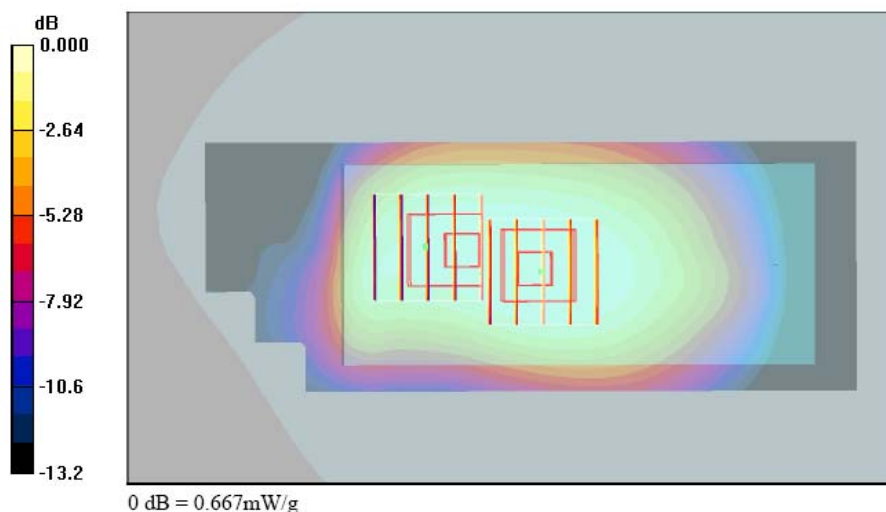
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.667 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/8/14

**Body\_GSM850 Ch189\_Keypad Down with Holster Touch\_EDGE8\_Scanner2**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.212 mW/g

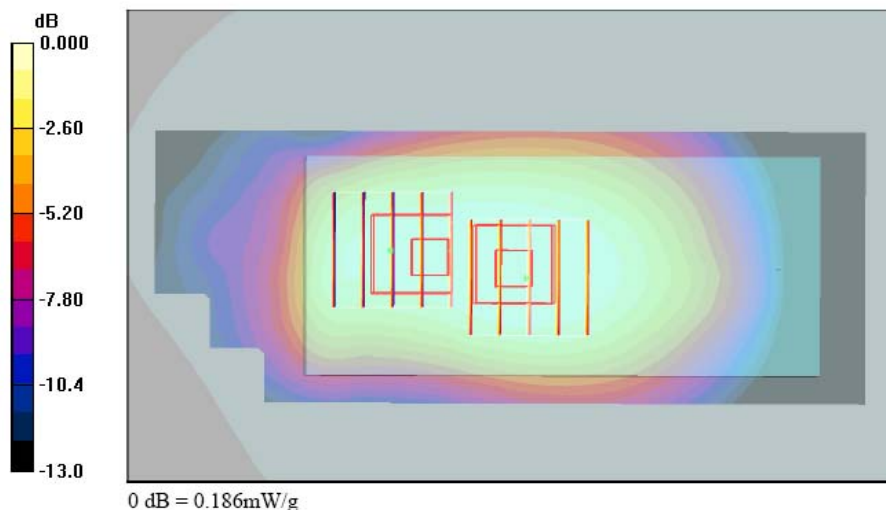
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.186 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/8/14

**Body\_GSM850 Ch189\_Keypad Down with Holster Touch\_EDGE10\_Scanner2**

**DUT: 762206**

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;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.263 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.260 mW/g

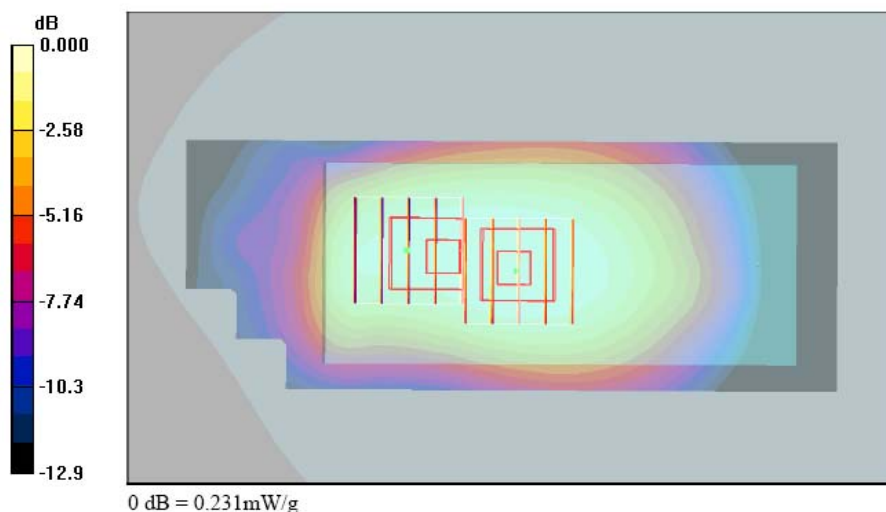
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.231 mW/g







Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch661\_Keypad Up with Holster Touch\_GPRS12\_Scanner2**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.666 mW/g

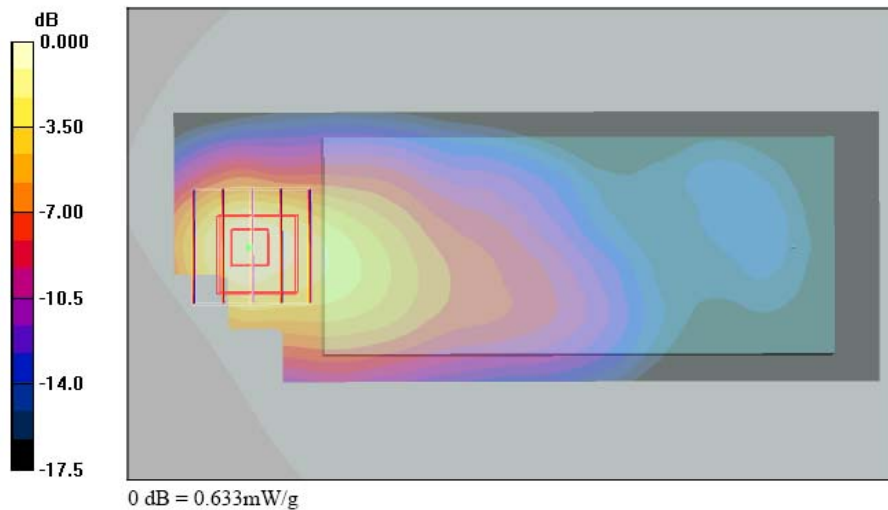
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.67 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.633 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch661\_Keypad Down with Holster Touch\_GPRS8\_Scanner2**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.5 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.567 mW/g

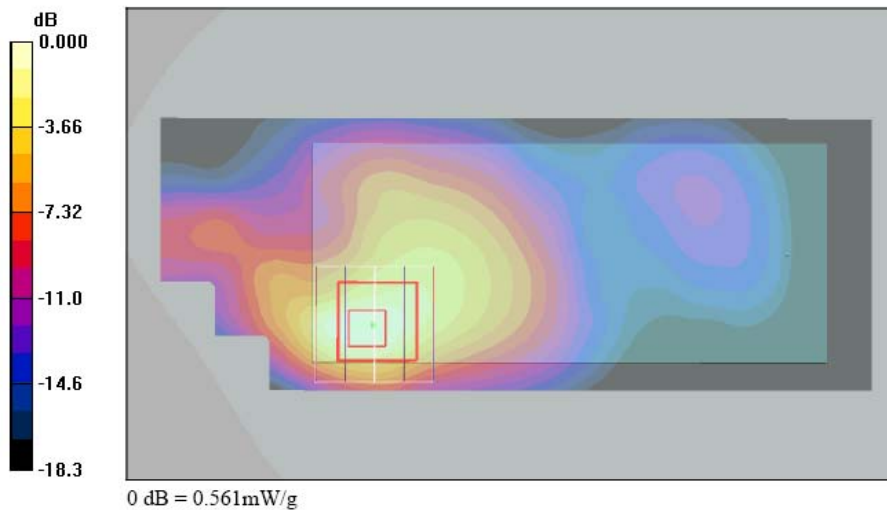
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.77 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.561 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch512\_Keypad Down with Holster Touch\_GPRS10\_Scanner2**

**DUT: 762206**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.994 mW/g

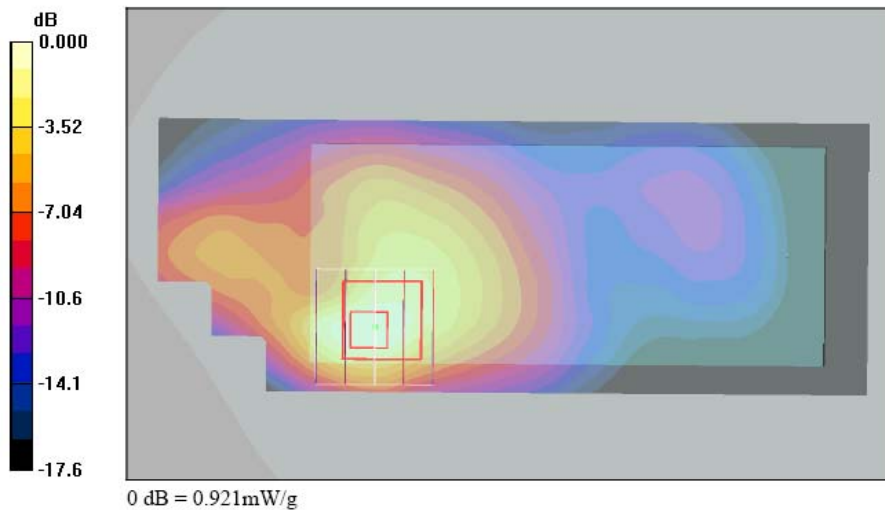
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.01 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.921 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch512\_Keypad Down with Holster Touch\_GPRS10\_Scanner2\_Bluetooth On**

**DUT: 762206**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.953 mW/g

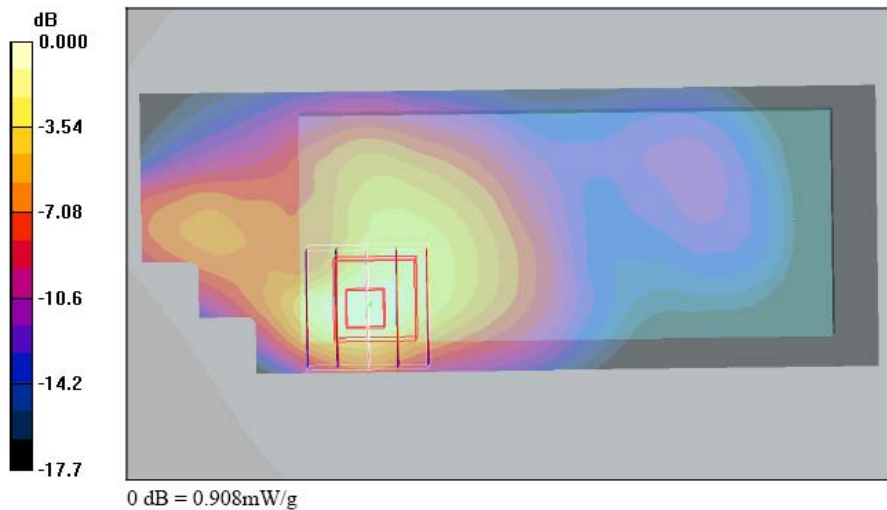
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.91 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.422 mW/g**

Maximum value of SAR (measured) = 0.908 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch512\_Keypad Down with Holster Touch\_GPRS10\_Scanner1**

**DUT: 762206**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.866 mW/g

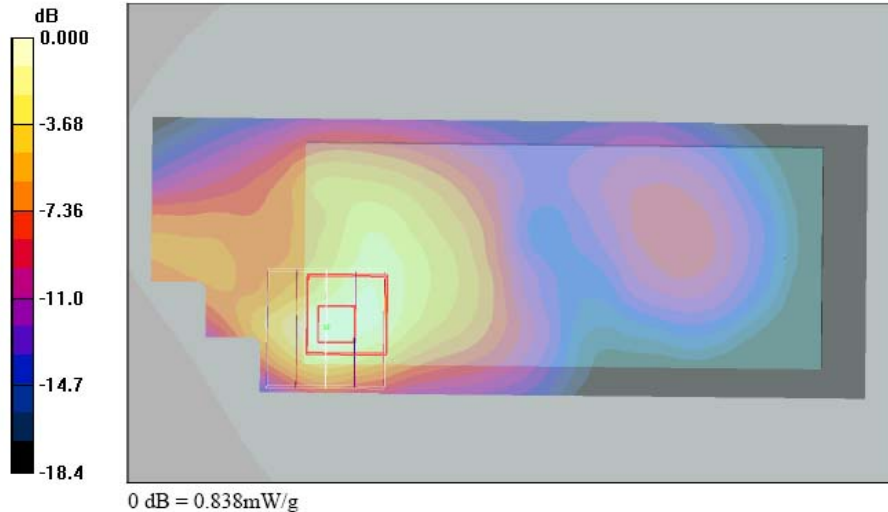
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.10 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 0.838 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch661\_Keypad Down with Holster Touch\_GPRS12\_Scanner2**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.671 mW/g

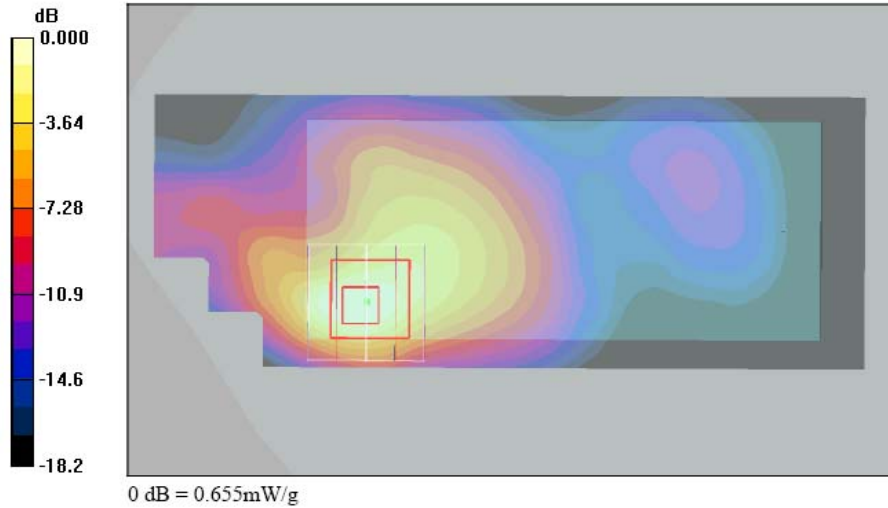
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.27 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.977 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.655 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch661\_Keypad Down with Holster Touch\_EDGE8\_Scanner2**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.291 mW/g

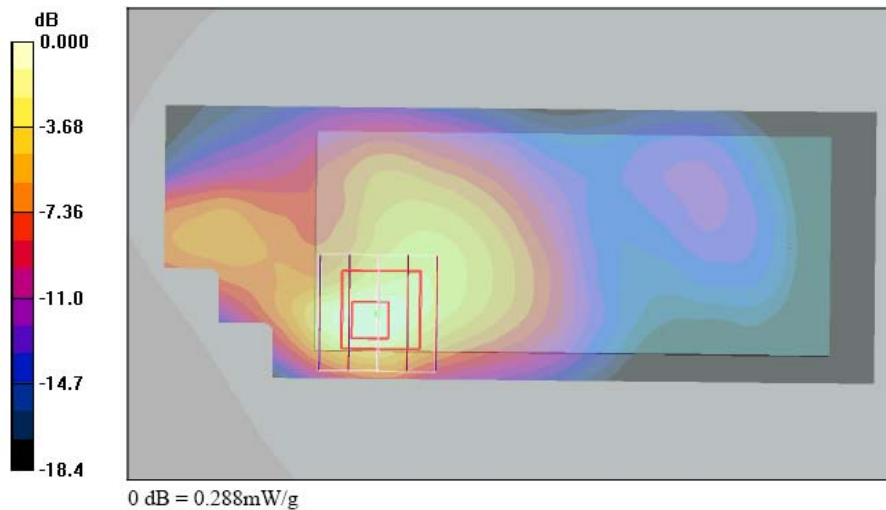
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.83 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.288 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/13

**Body\_PCS Ch661\_Keypad Down with Holster Touch\_EDGE10\_Scanner2**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 52.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

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-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 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.375 mW/g

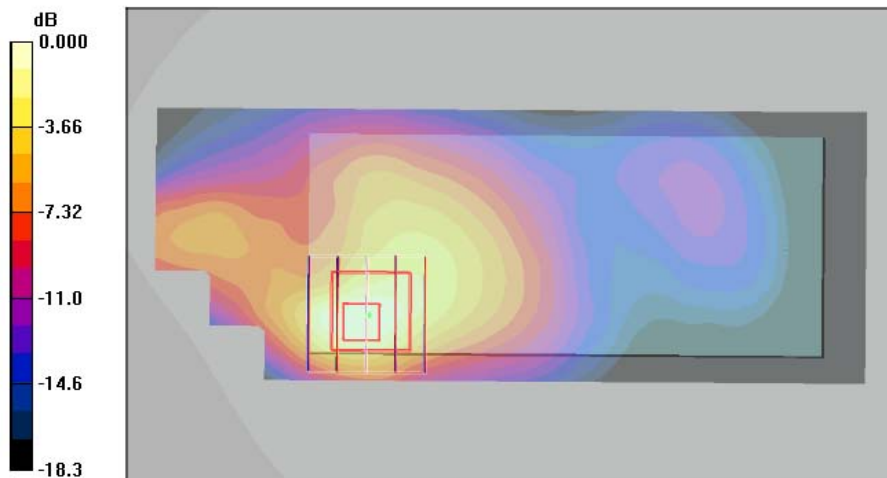
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.25 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.359 mW/g







Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/14

**Body\_802.11b Ch6\_Keypad Up with Holster Touch\_Scanner2**

**DUT: 762206**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.503 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.024 mW/g

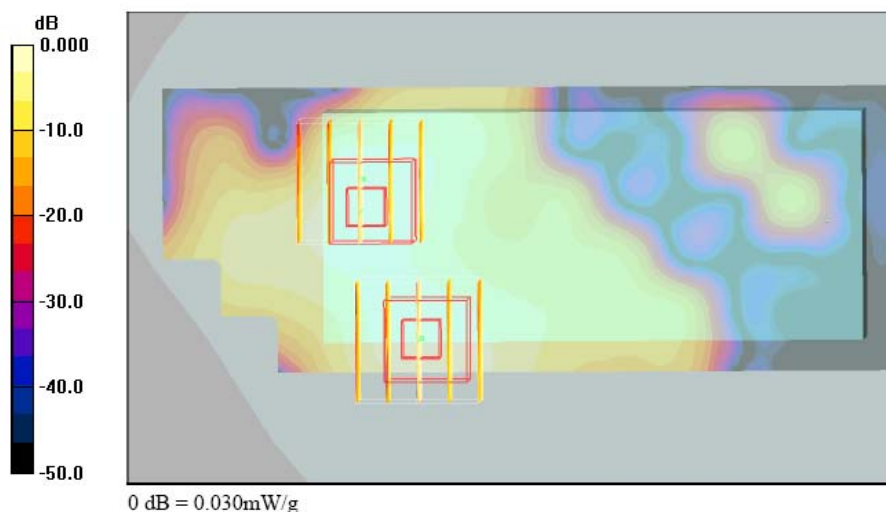
**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.503 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.030 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/14

**Body\_802.11b Ch11\_Keypad Down with Holster Touch\_Scanner2**

**DUT: 762206**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch11/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

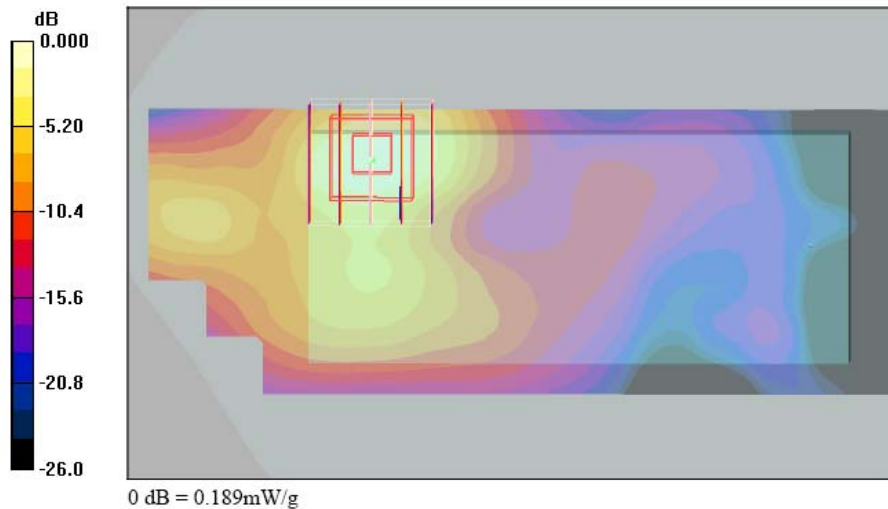
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.49 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.080 mW/g**

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/14

**Body\_802.11b Ch11\_Keypad Down with Holster Touch\_Scanner2\_Bluetooth On**

**DUT: 762206**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch11/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.171 mW/g

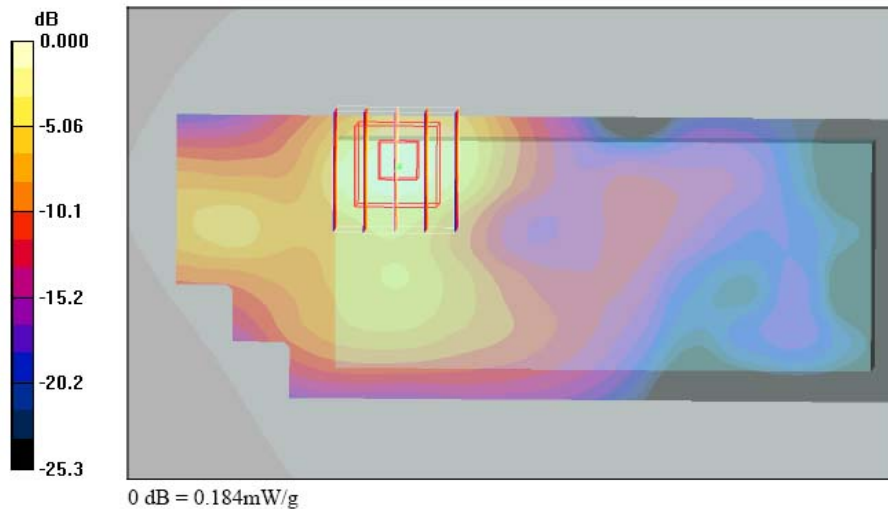
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.50 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.363 W/kg

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.184 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date : 2007/8/14

**Body\_802.11b Ch11\_Keypad Down with Holster Touch\_Scanner1**

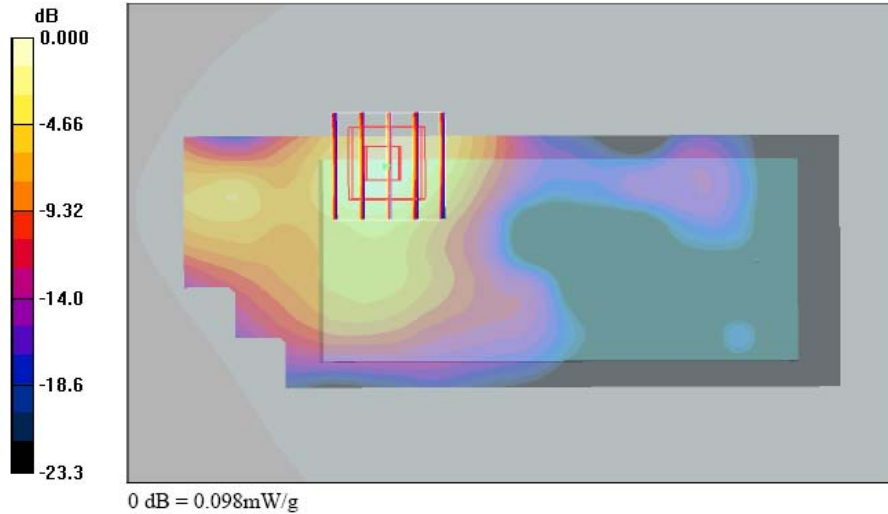
**DUT: 762206**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

- DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch11/Area Scan (51x131x1);** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.085 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0;** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.349 V/m; Power Drift = 0.131 dB  
Peak SAR (extrapolated) = 0.186 W/kg  
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.042 mW/g  
Maximum value of SAR (measured) = 0.098 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/8/14

**Body\_802.11g Ch6\_Keypad Down with Holster Touch\_Scanner2**

**DUT: 762206**

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); 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

**Ch6/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.019 mW/g

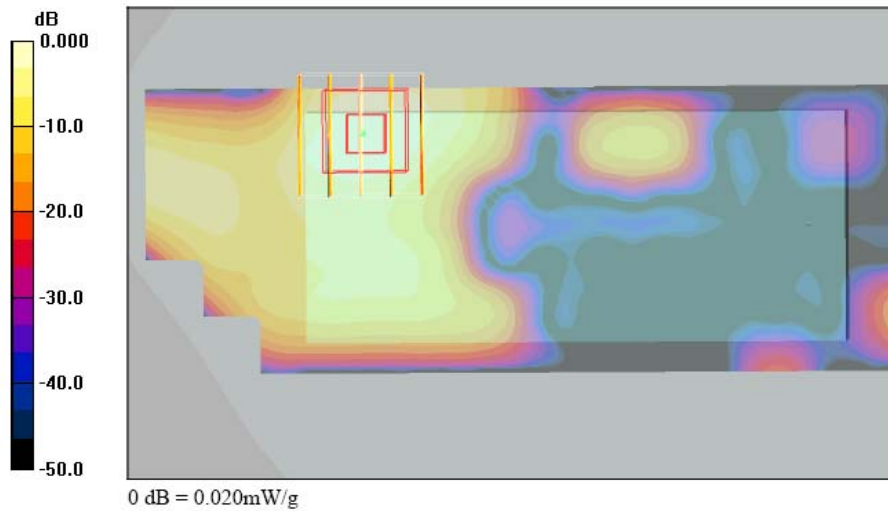
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.256 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.030 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00735 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date : 2007/7/8

**Right Cheek\_GSM850 Ch189\_Scanner1\_2D**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.4 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.285 mW/g

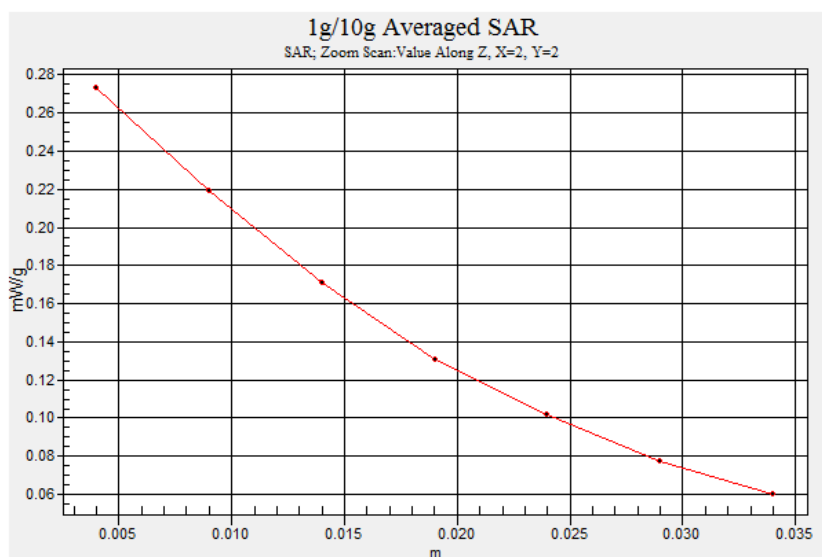
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.85 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.335 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.273 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/7/8

**Right Cheek\_GSM850 Ch189\_Scanner2\_2D**

**DUT: 762206**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.4 °C

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-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 (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.322 mW/g

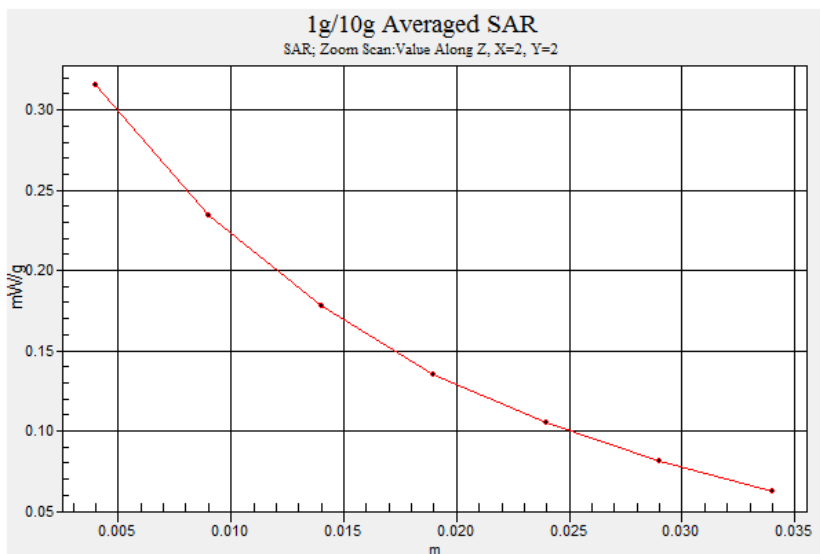
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.63 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.314 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date : 2007/7/8

**Right Cheek\_PCS Ch661\_Scanner1\_Bluetooth On\_2D**

**DUT: 762206**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.3 °C

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); 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

**Ch661/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.161 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.13 V/m; Power Drift = -0.033 dB  
Peak SAR (extrapolated) = 0.195 W/kg  
**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.091 mW/g**  
Maximum value of SAR (measured) = 0.154 mW/g

