## Appendix B - SAR Measurement Data

Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 9:04:11 AM

## Right Cheek CDMA Ch1013 20050428

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 824.7 MHz;  $\sigma = 0.864$  mho/m;  $\varepsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 20.6 °C; Liquid Temperature: 20.9 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

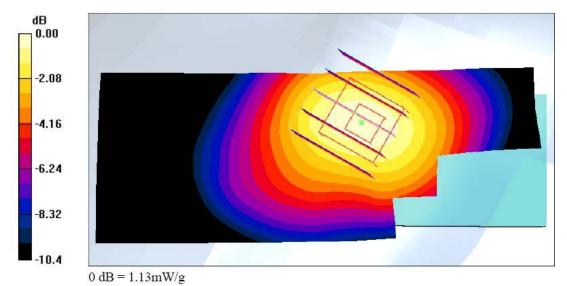
# **Ch1013/Area Scan (41x111x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.11 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = 0.193 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.728 mW/gMaximum value of SAR (measured) = 1.13 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 9:20:57 AM

## Right Cheek CDMA Ch384 20050428

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 836.52 MHz;  $\sigma = 0.875$  mho/m;  $\varepsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 20.4 °C; Liquid Temperature: 20.7 °C

## DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

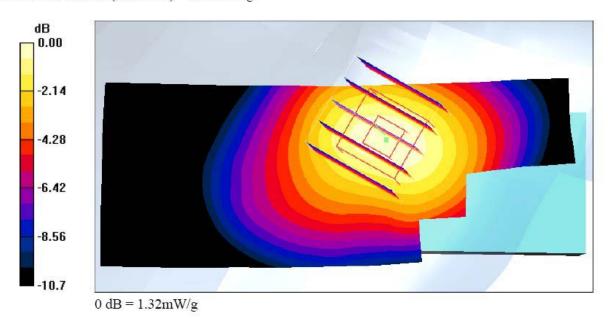
# **Ch384/Area Scan (41x111x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.30 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.66 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.828 mW/gMaximum value of SAR (measured) = 1.32 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 9:37:35 AM

## Right Cheek\_CDMA Ch777\_20050428

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 848.31 MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 43.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 20.4 °C; Liquid Temperature: 20.8 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

## Ch777/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm

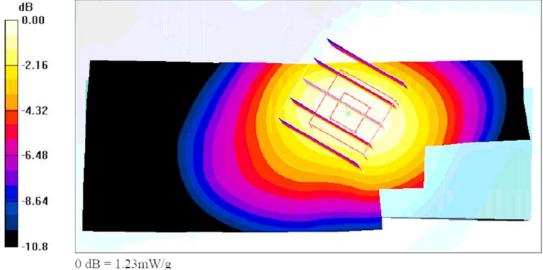
Maximum value of SAR (interpolated) = 1.25 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.44 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.784 mW/gMaximum value of SAR (measured) = 1.23 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 10:27:30 AM

#### Right Tilted CDMA Ch1013 20050428

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 824.7 MHz;  $\sigma = 0.864$  mho/m;  $\varepsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 21.3 °C; Liquid Temperature: 21.6 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

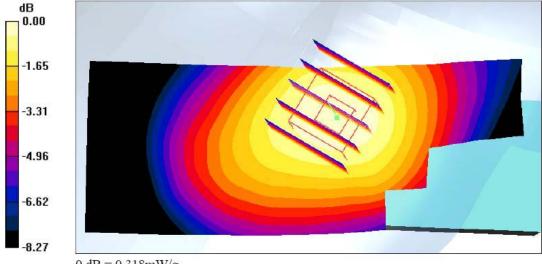
## Ch1013/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.317 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.36 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.230 mW/gMaximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.318 mW/g

Date/Time: 4/28/2005 10:46:26 AM Test Laboratory: Sporton International Inc. SAR Testing Lab

## Left Cheek CDMA Ch1013 20050428

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 824.7 MHz;  $\sigma = 0.864 \text{ mho/m}$ ;  $\varepsilon_c = 43.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature: 21.9°C; Liquid Temperature: 21.7°C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

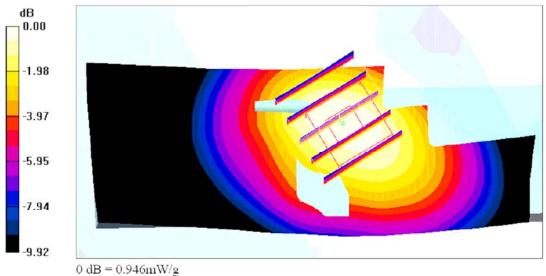
## Ch1013/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.961 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.93 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.629 mW/gMaximum value of SAR (measured) = 0.946 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 11:01:25 AM

#### Left Cheek\_CDMA Ch384\_20050428

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used: f = 836.52 MHz;  $\sigma = 0.875$  mho/m;  $\varepsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 21.0 °C; Liquid Temperature: 21.6 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

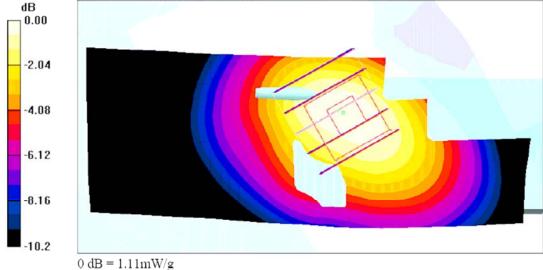
## Ch384/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.11 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 6.34 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.729 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 11:28:15 AM

## Left Cheek CDMA Ch777\_20050428

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 848.31 MHz;  $\sigma = 0.885$  mho/m;  $\varepsilon_r = 43.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.4 °C; Liquid Temperature: 22.1 °C

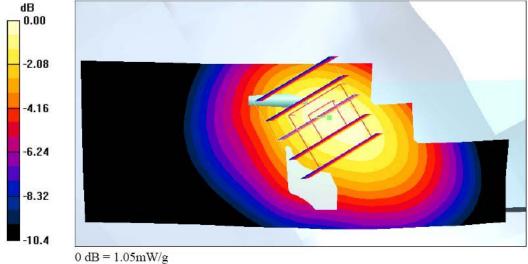
#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

#### Ch777/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.01 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 5.90 V/m; Power Drift = 0.102 dB Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.682 mW/gMaximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 11:42:55 AM

## Left Tilted CDMA Ch384 20050428

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used: f = 836.52 MHz;  $\sigma = 0.875$  mho/m;  $\varepsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

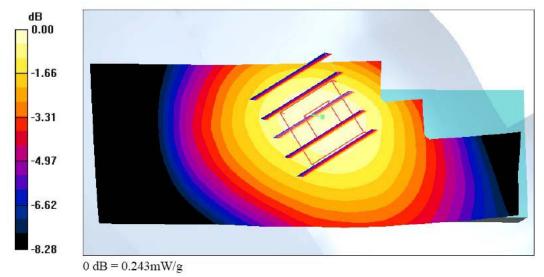
Ambient Temperature: 22.8 °C; Liquid Temperature: 22.4 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

## Ch384/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.247 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 6.57 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.243 mW/g



FCC SAR Test Report Test Report No : FA542614-1-2-01

Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/29/2005 9:19:21 AM

## Body\_CDMA Ch384\_Keypad Up With 1.5cm Gap 20050429

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used : f = 836.52 MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 56.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C; Liquid Temperature: 22.1 °C

## DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

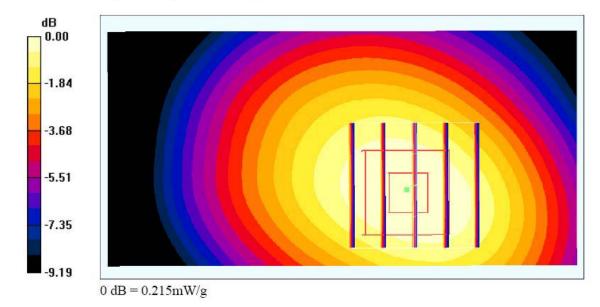
**Ch384/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.222 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.146 mW/gMaximum value of SAR (measured) = 0.215 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/29/2005 9:43:33 AM

## Body CDMA Ch1013 Keypad Down With 1.5cm Gap 20050429

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used : f = 824.7 MHz;  $\sigma = 0.941$  mho/m;  $\varepsilon_s = 56.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.2 °C; Liquid Temperature: 22.0 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

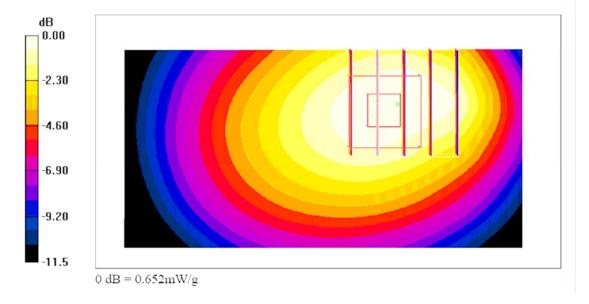
## **Ch1013/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.647 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.827 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.432 mW/gMaximum value of SAR (measured) = 0.652 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/29/2005 9:31:01 AM

## Body\_CDMA Ch384\_Keypad Down With 1.5cm Gap \_20050429

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used : f = 836.52 MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 56.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.2 °C; Liquid Temperature: 22.1 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

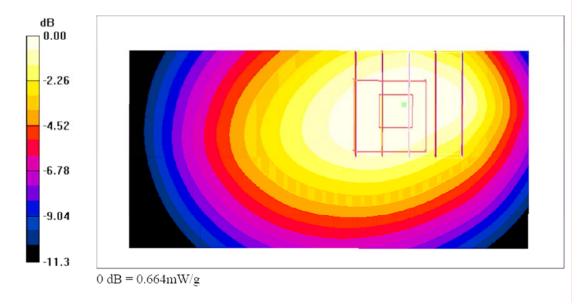
## Ch384/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.685 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.3 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.440 mW/gMaximum value of SAR (measured) = 0.664 mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/29/2005 9:56:11 AM

## Body CDMA Ch777 Keypad Down With 1.5cm Gap 20050429

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used : f = 848.31 MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.0 °C; Liquid Temperature: 22.3 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

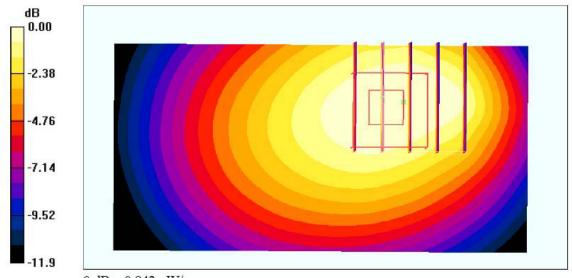
**Ch777/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.864 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.559 mW/gMaximum value of SAR (measured) = 0.842 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 5/6/2005 6:04:44 PM

## Body CDMA Ch384 Keypad Up With Holster Touch 20050506

## DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used : f = 836.52 MHz;  $\sigma = 0.95$  mho/m;  $\varepsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 21.7 °C; Liquid Temperature: 21.9 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

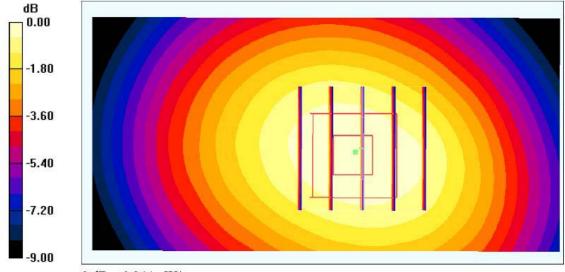
**Ch384/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.343 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.238 mW/gMaximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.344 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/28/2005 9:20:57 AM

#### Right Cheek CDMA Ch384 20050428

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used : f = 836.52 MHz;  $\sigma = 0.875$  mho/m;  $\varepsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 20.4°C; Liquid Temperature: 20.7°C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.74, 6.74, 6.74); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

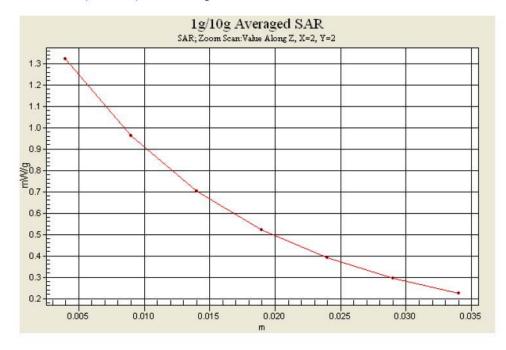
**Ch384/Area Scan (41x111x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.30 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.66 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.828 mW/gMaximum value of SAR (measured) = 1.32 mW/g



FCC SAR Test Report Test Report No : FA542614-1-2-01

Test Laboratory: Sporton International Inc. SAR Testing Lab Date/Time: 4/29/2005 9:56:11 AM

## Body CDMA Ch777 Keypad Down With 1.5cm Gap 20050429

#### DUT: 542614; Type: cdma2000 Mobile Phone

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used : f = 848.31 MHz;  $\sigma = 0.965$  mho/m;  $\varepsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.0 °C; Liquid Temperature: 22.3 °C

#### DASY4 Configuration:

- Probe: ET3DV6 SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch777/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.864 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.559 mW/gMaximum value of SAR (measured) = 0.842 mW/g

