

**Appendix B2:**  
**SAR Distribution Plots (Body)**

Test Laboratory: Kyocera-Wireless Corp.

### K33BI-04 #6385 CDMA-800 Ch383 Flat Phone Open with 15mm Air Space and SO32 RC3 (FCH)

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900,Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.994$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12,Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConvF(6.26, 6.26, 6.26), Calibrated: 6/23/2008

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE4 Sn602,Calibrated: 6/25/2008

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

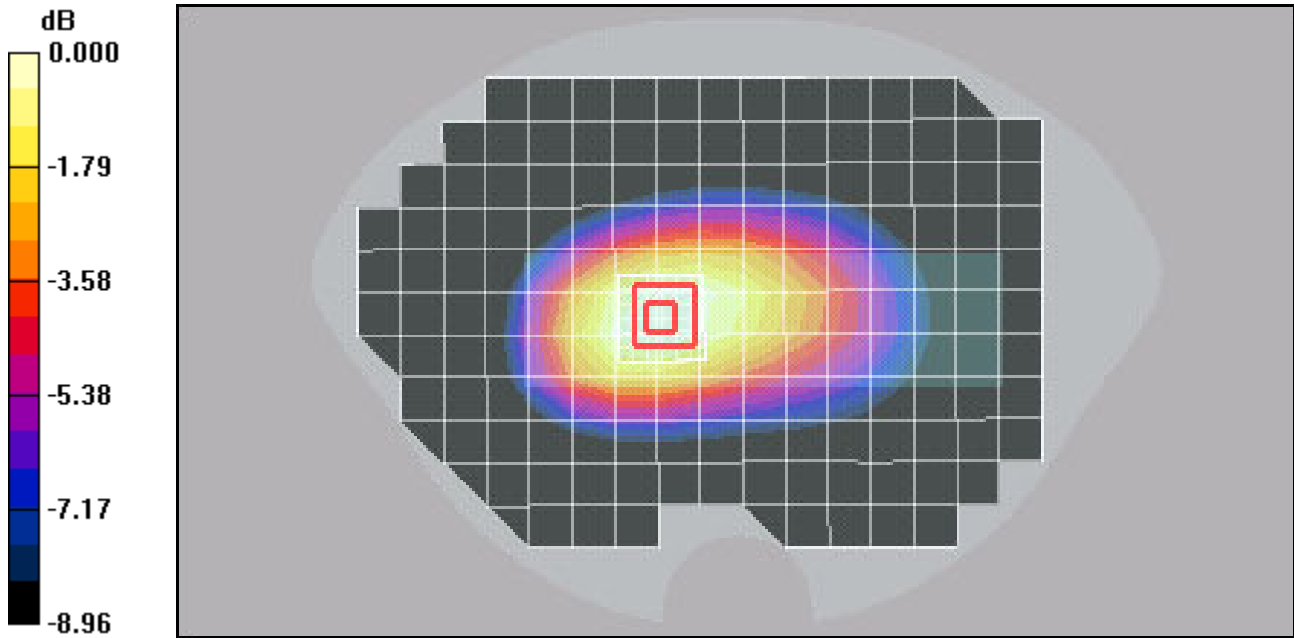
Reference Value = 22.9 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.355 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.505 mW/g



0 dB = 0.505mW/g

Test Laboratory: Kyocera-Wireless Corp.

**K33BI-04 #6385 CDMA-800 Ch383 Flat Phone Closed with 15mm Air Space and SO32 RC3 (FCH)**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.994$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConvF(6.26, 6.26, 6.26), Calibrated: 6/23/2008

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE4 Sn602, Calibrated: 6/25/2008

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

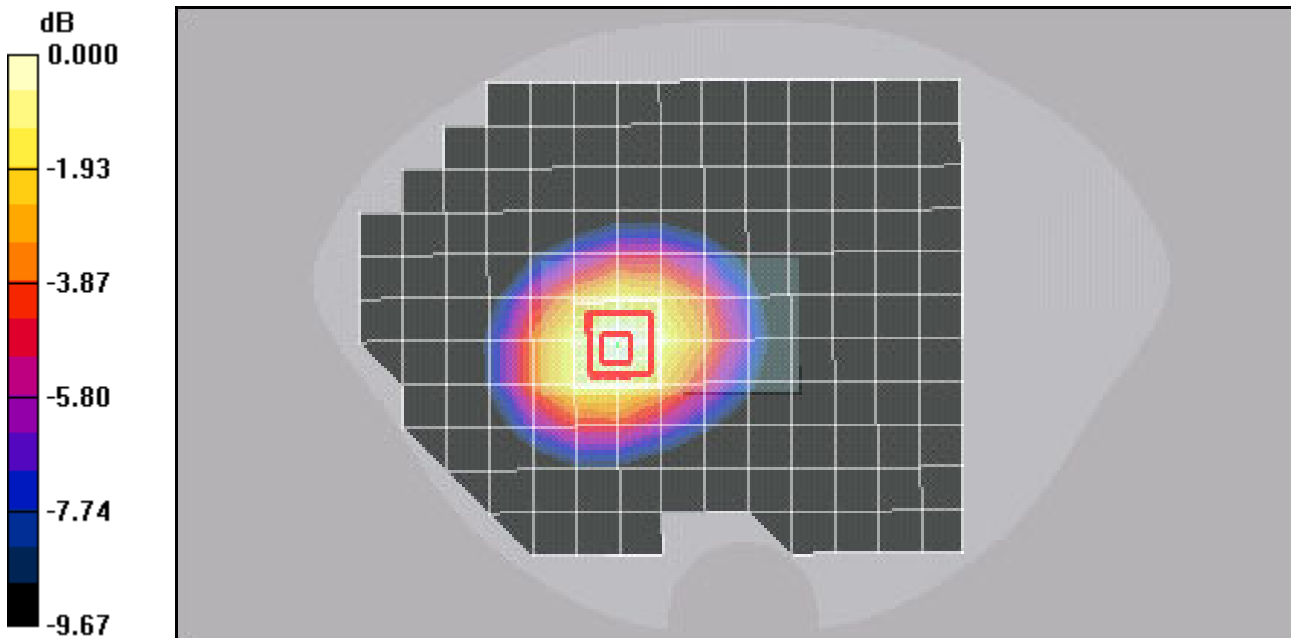
Reference Value = 15.4 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.927 W/kg

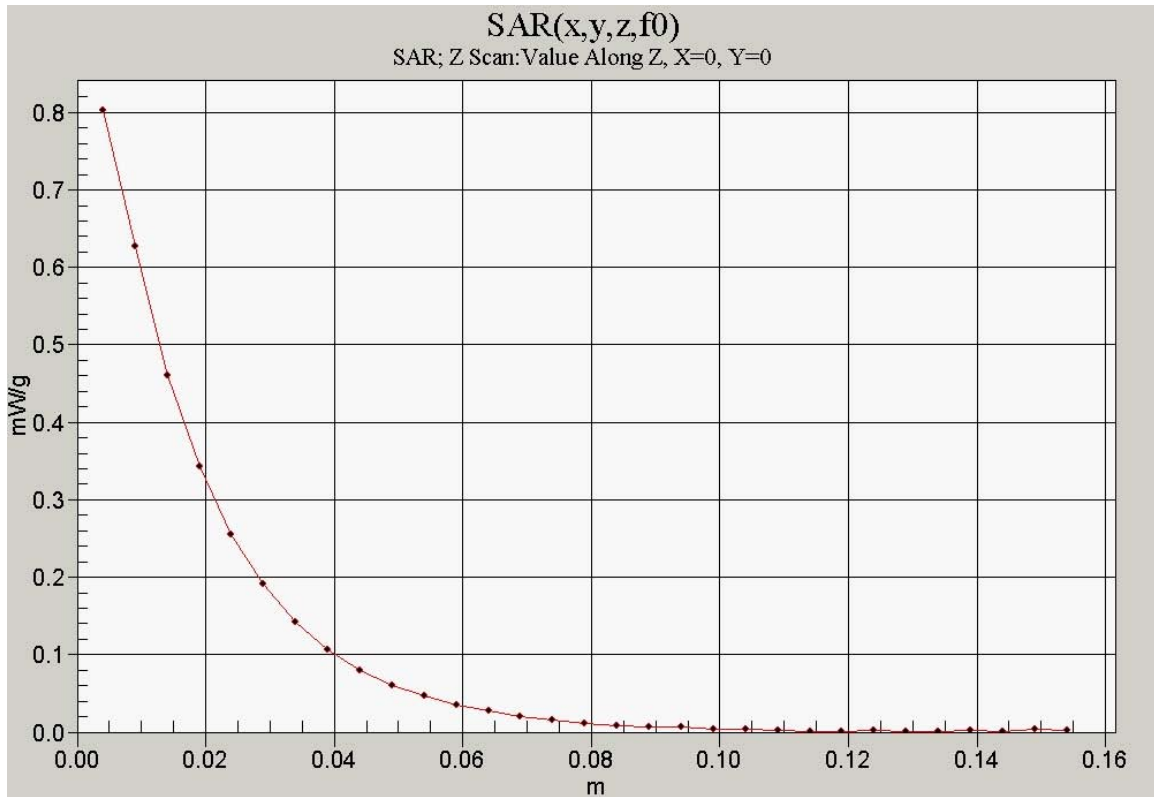
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.535 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.805 mW/g



0 dB = 0.805mW/g



Test Laboratory: Kyocera-Wireless Corp.

### K33BI-04 #6385 CDMA-1700 Ch450 Flat Phone Open with 15mm Air Space and SO32 RC3 (FCH)

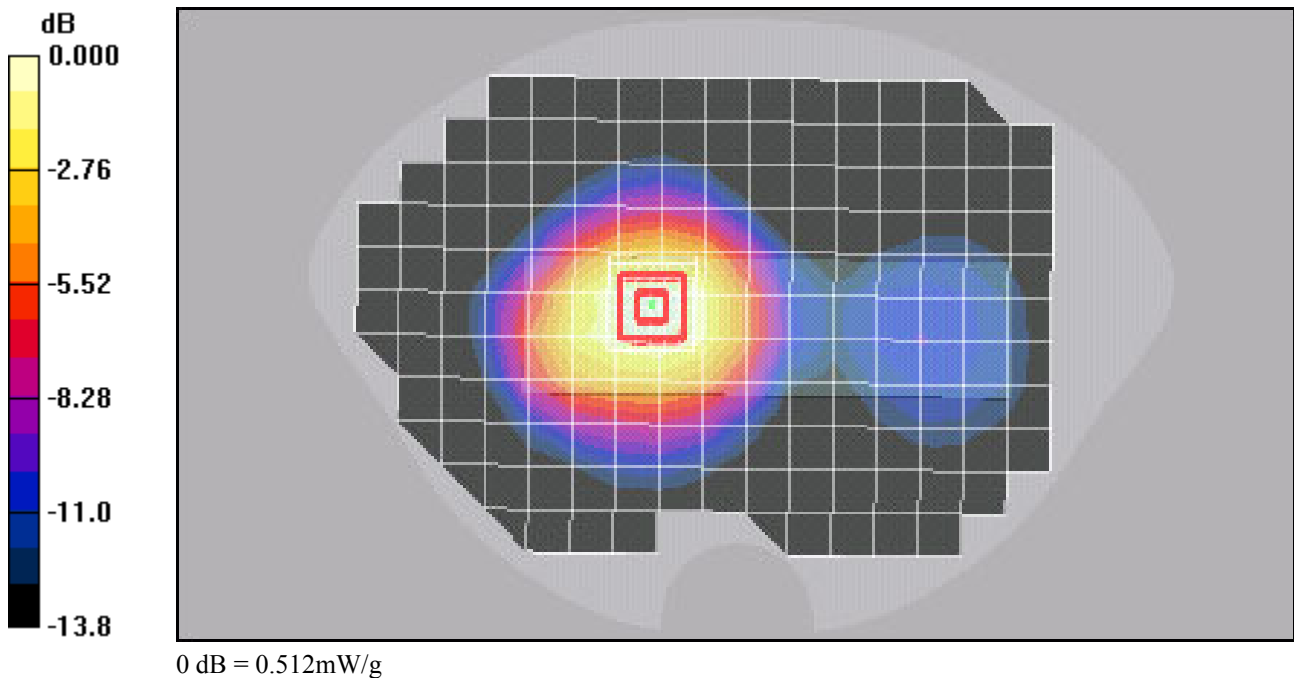
Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1  
 Medium: M1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

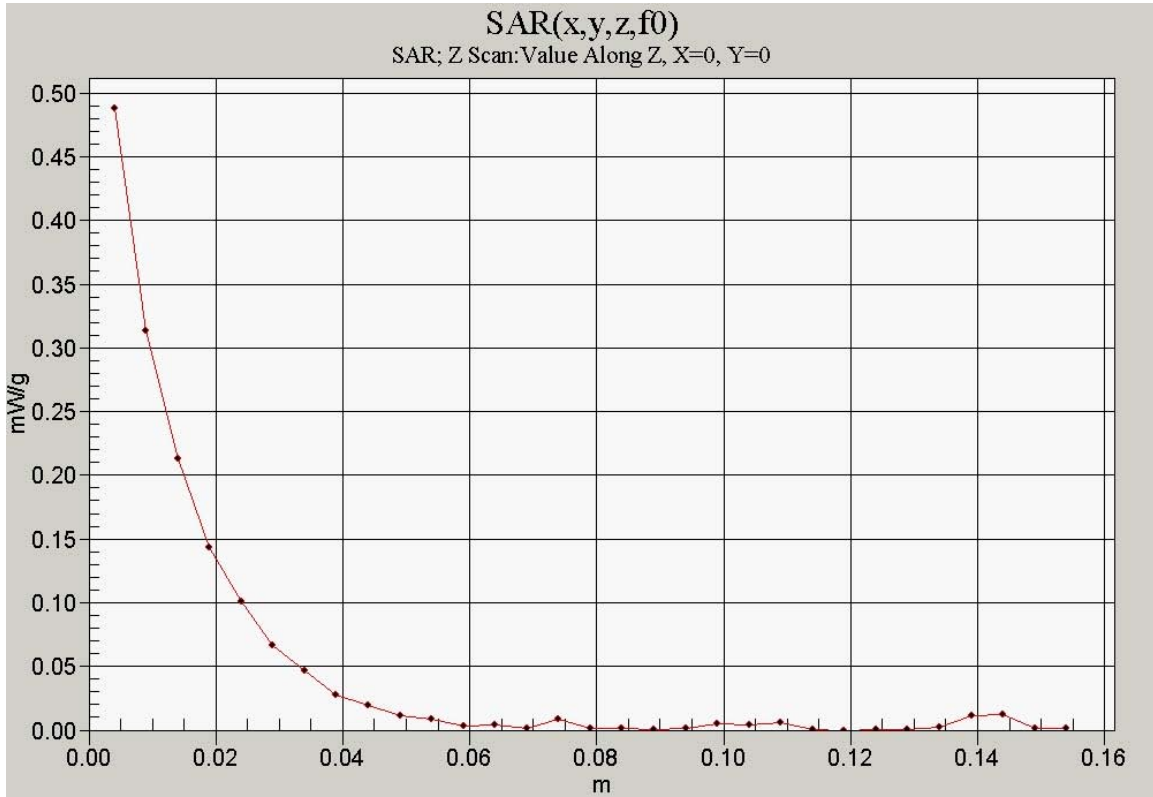
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, ConvF(4.73, 4.73, 4.73), Calibrated: 6/23/2008  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 6/25/2008  
 Measurement SW: DASY4, V4.7 Build 71  
 Postprocessing SW: SEMCAD, V1.8 Build 176

**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

#### CDMA-1700 FLAT Ch450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.148 dB  
 Peak SAR (extrapolated) = 0.767 W/kg  
**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.309 mW/g**  
 Maximum value of SAR (measured) = 0.512 mW/g





Test Laboratory: Kyocera-Wireless Corp.

### K33BI-04 #6385 CDMA-1700 Ch450 Flat Phone Closed with 15mm Air Space and SO32 RC3 (FCH)

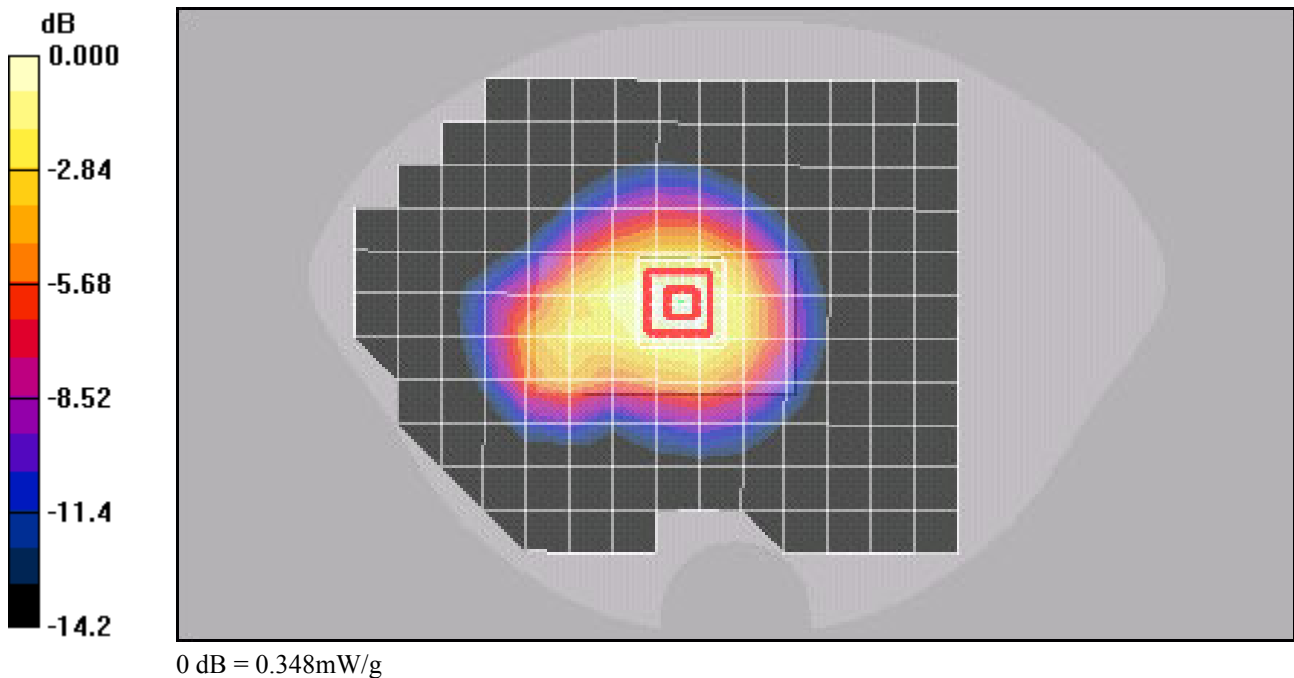
Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1  
 Medium: M1700, Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 55.6$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, ConvF(4.73, 4.73, 4.73), Calibrated: 6/23/2008  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 6/25/2008  
 Measurement SW: DASY4, V4.7 Build 71  
 Postprocessing SW: SEMCAD, V1.8 Build 176

**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

#### CDMA-1700 FLAT Ch450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.194 dB  
 Peak SAR (extrapolated) = 0.525 W/kg  
**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.205 mW/g**  
 Maximum value of SAR (measured) = 0.348 mW/g



Test Laboratory: Kyocera-Wireless Corp.

### K33BI-04 #6385 CDMA-1900 Ch600 Flat Phone Open with 15mm Air Space and SO32 RC3 (FCH)

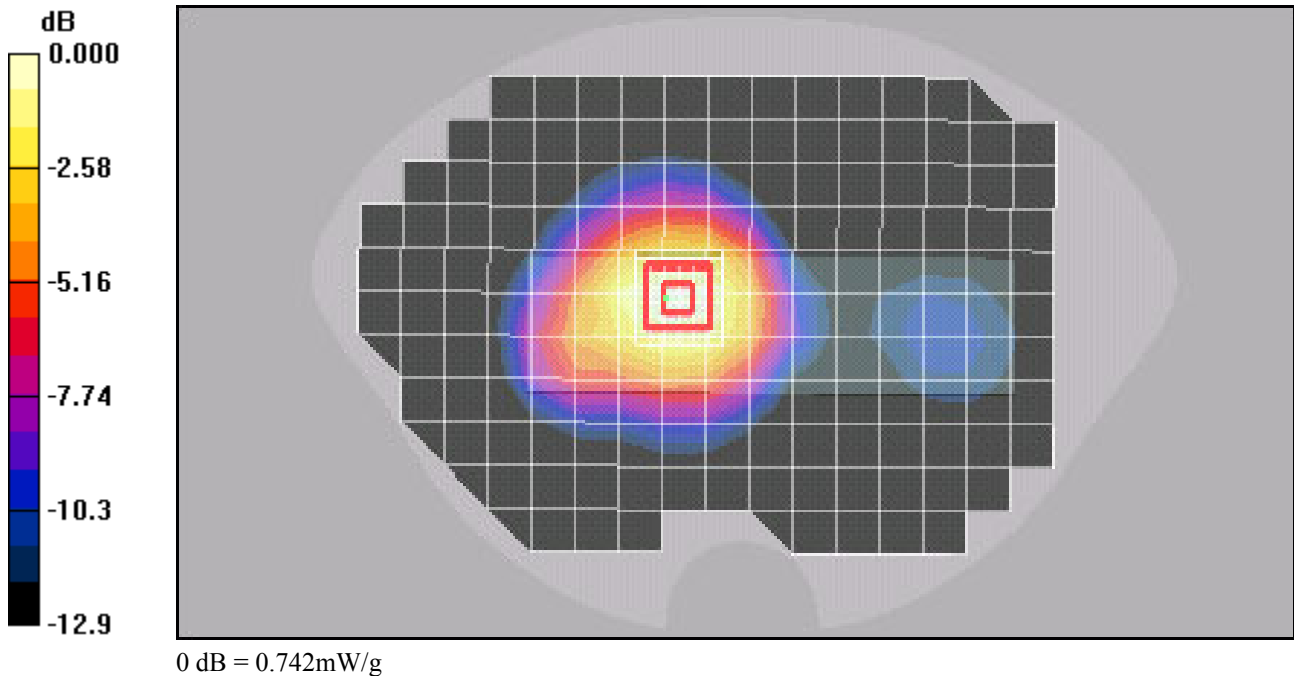
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: M1800, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.47 \text{ mho/m}$ ;  $\epsilon_r = 53.7$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, ConvF(4.44, 4.44, 4.44), Calibrated: 6/23/2008  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 6/25/2008  
 Measurement SW: DASY4, V4.7 Build 71  
 Postprocessing SW: SEMCAD, V1.8 Build 176

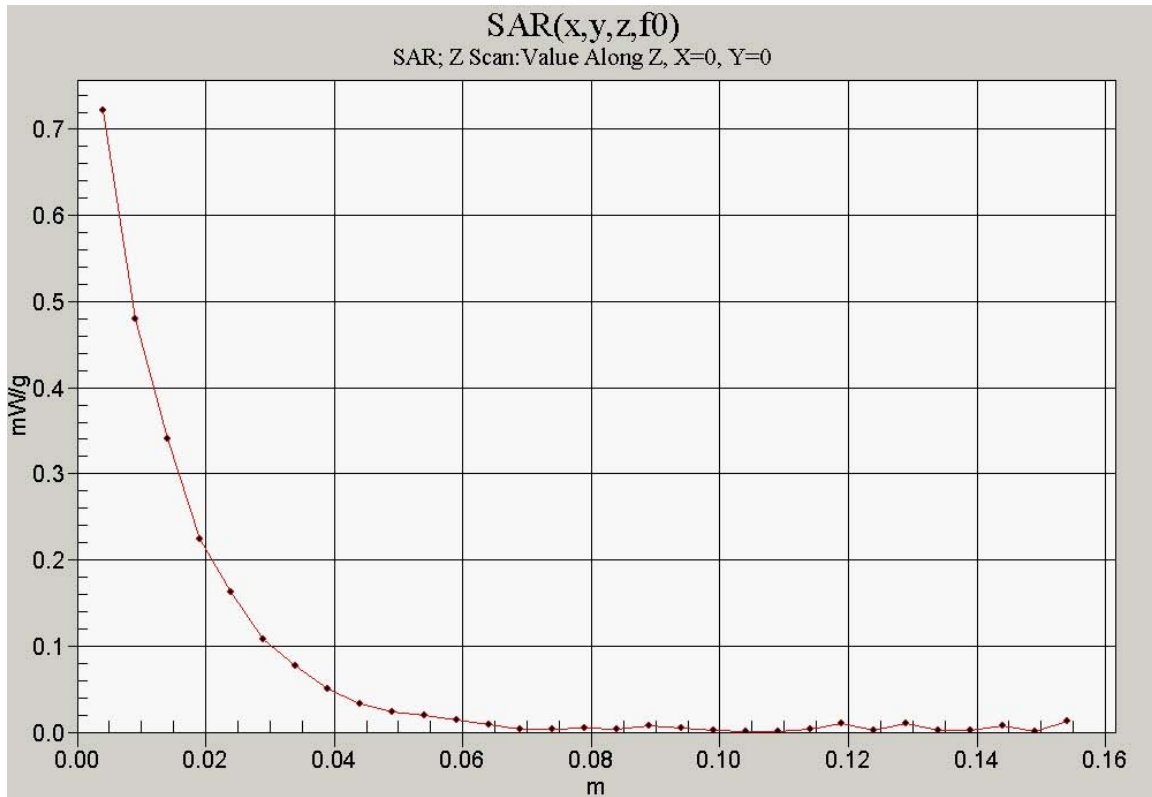
**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

#### CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.191 dB  
 Peak SAR (extrapolated) = 1.14 W/kg  
**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.458 mW/g**  
 Maximum value of SAR (measured) = 0.742 mW/g







Test Laboratory: Kyocera-Wireless Corp.

### K33BI-04 #6385 CDMA-1900 Ch600 Flat Phone Closed with 15mm Air Space and SO32 RC3 (FCH)

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: M1800, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.47 \text{ mho/m}$ ;  $\epsilon_r = 53.7$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, ConvF(4.44, 4.44, 4.44), Calibrated: 6/23/2008  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 6/25/2008  
 Measurement SW: DASY4, V4.7 Build 71  
 Postprocessing SW: SEMCAD, V1.8 Build 176

**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 18.5 V/m; Power Drift = -0.077 dB  
 Peak SAR (extrapolated) = 0.881 W/kg  
**SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.341 mW/g**  
 Maximum value of SAR (measured) = 0.576 mW/g

**CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 18.5 V/m; Power Drift = -0.077 dB  
 Peak SAR (extrapolated) = 0.620 W/kg  
**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.209 mW/g**  
 Maximum value of SAR (measured) = 0.390 mW/g

