



Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

## EXHIBIT 9 APPENDIX B1: SAR DISTRIBUTION PLOTS (HEAD)

### CDMA 800 (CELL)

Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Left, 120109

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-800 Ch1013 LC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.882 mW/g

### CDMA-800 Ch1013 LC/Zoom Scan (7x7x7)/Cube 0:

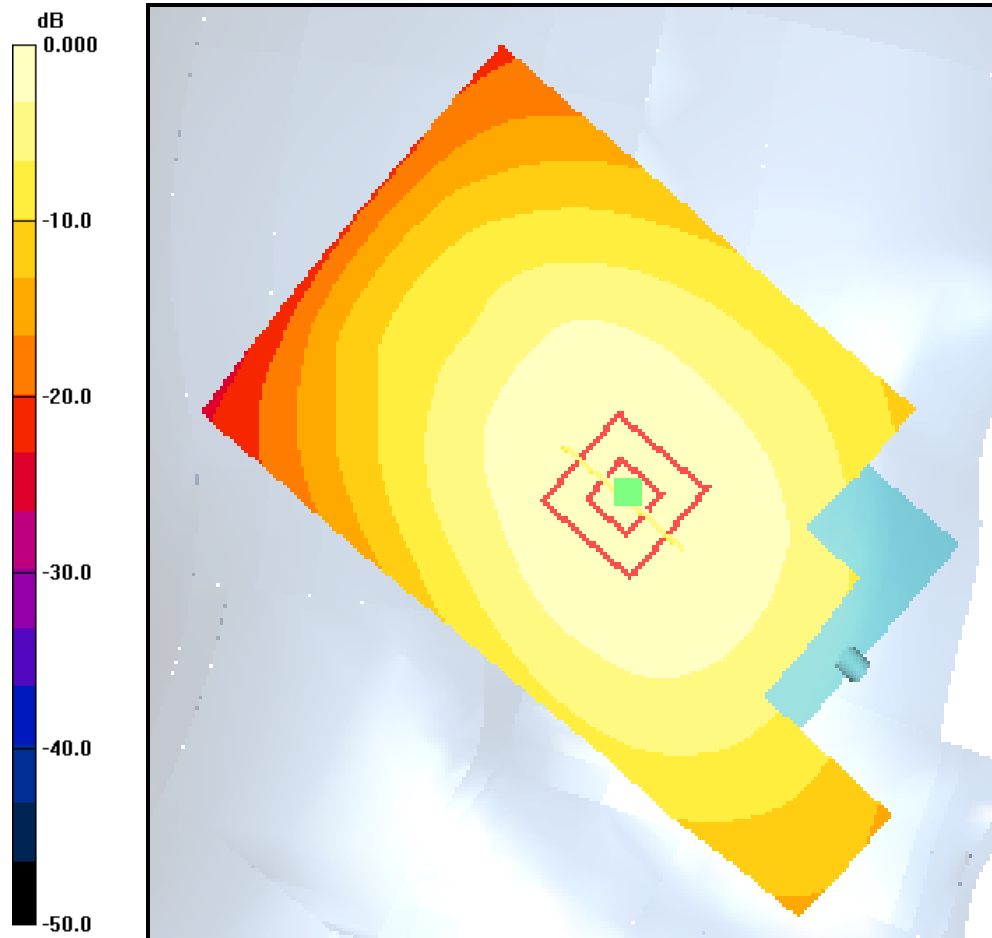
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.620 mW/g**

Maximum value of SAR (measured) = 0.888 mW/g



0 dB = 0.888mW/g

Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Left, 120109

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-800 Ch383 LC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.19 mW/g

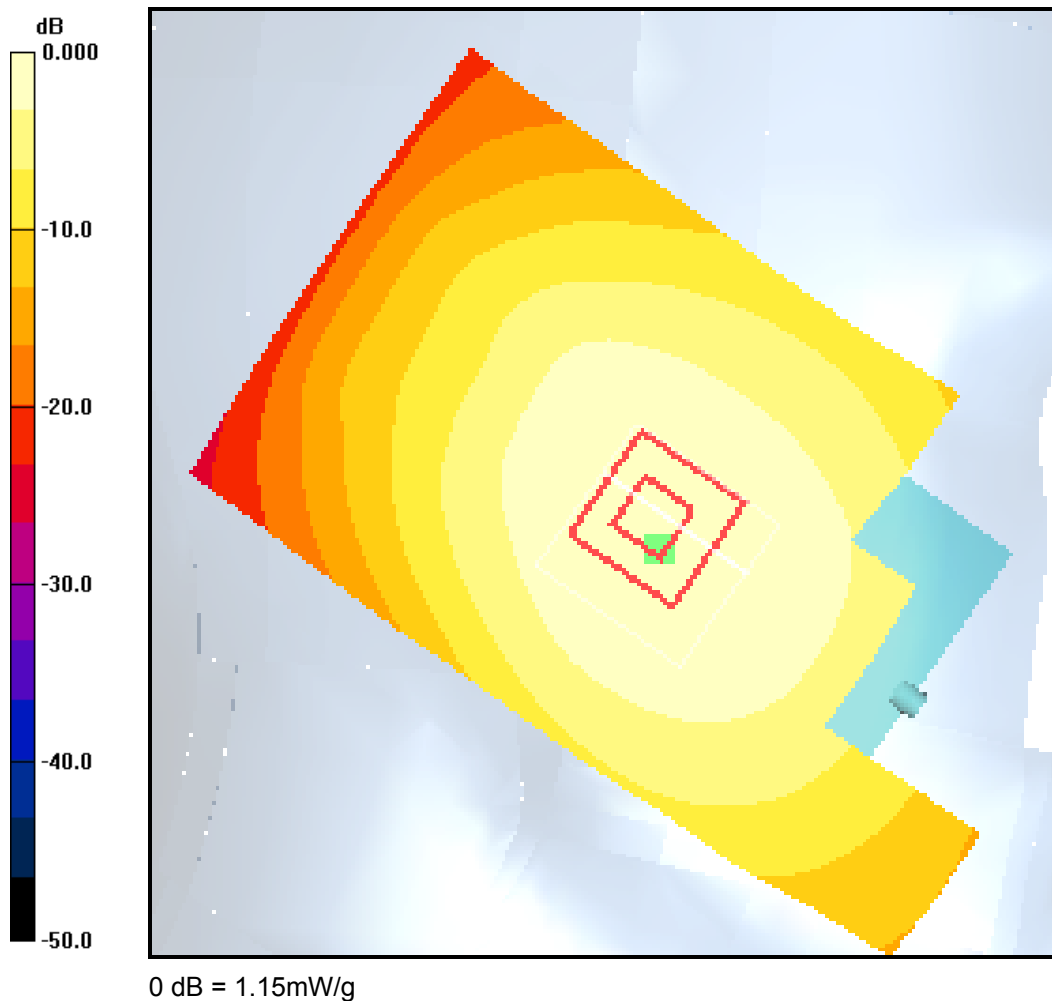
### CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 11.1 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.784 mW/g**

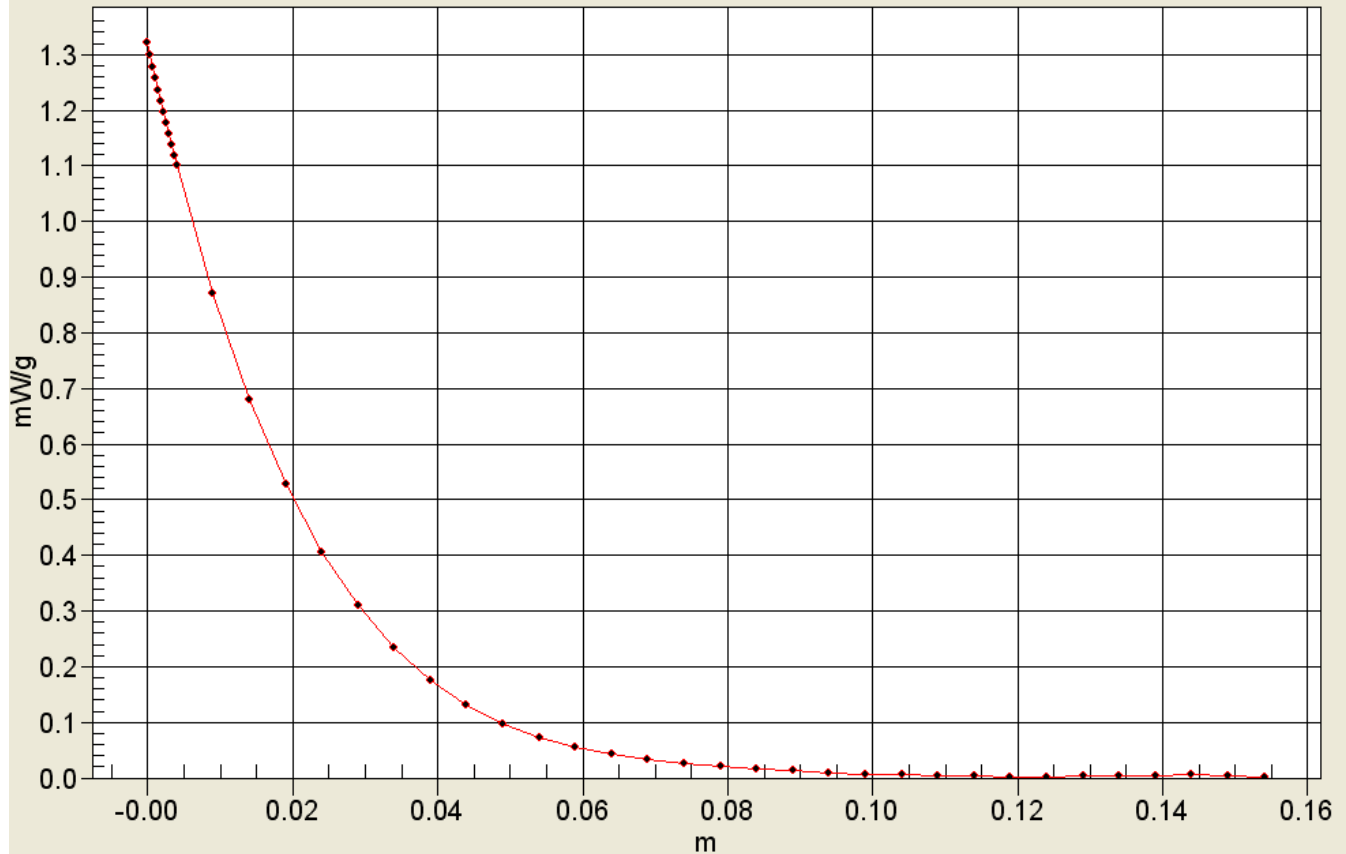
Maximum value of SAR (measured) = 1.15 mW/g





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Interpolated SAR(x,y,z,f0)  
SAR; Z Scan: Value Along Z, X=0, Y=0





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Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Left, 120109

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T =  $21.8 \pm 1 \text{ deg C}$ , Liquid T =  $22.0 \pm 1 \text{ deg C}$

### CDMA-800 Ch777 LC/Area Scan (111x61x1): Measurement grid: $dx=15\text{mm}$ , $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.695 \text{ mW/g}$

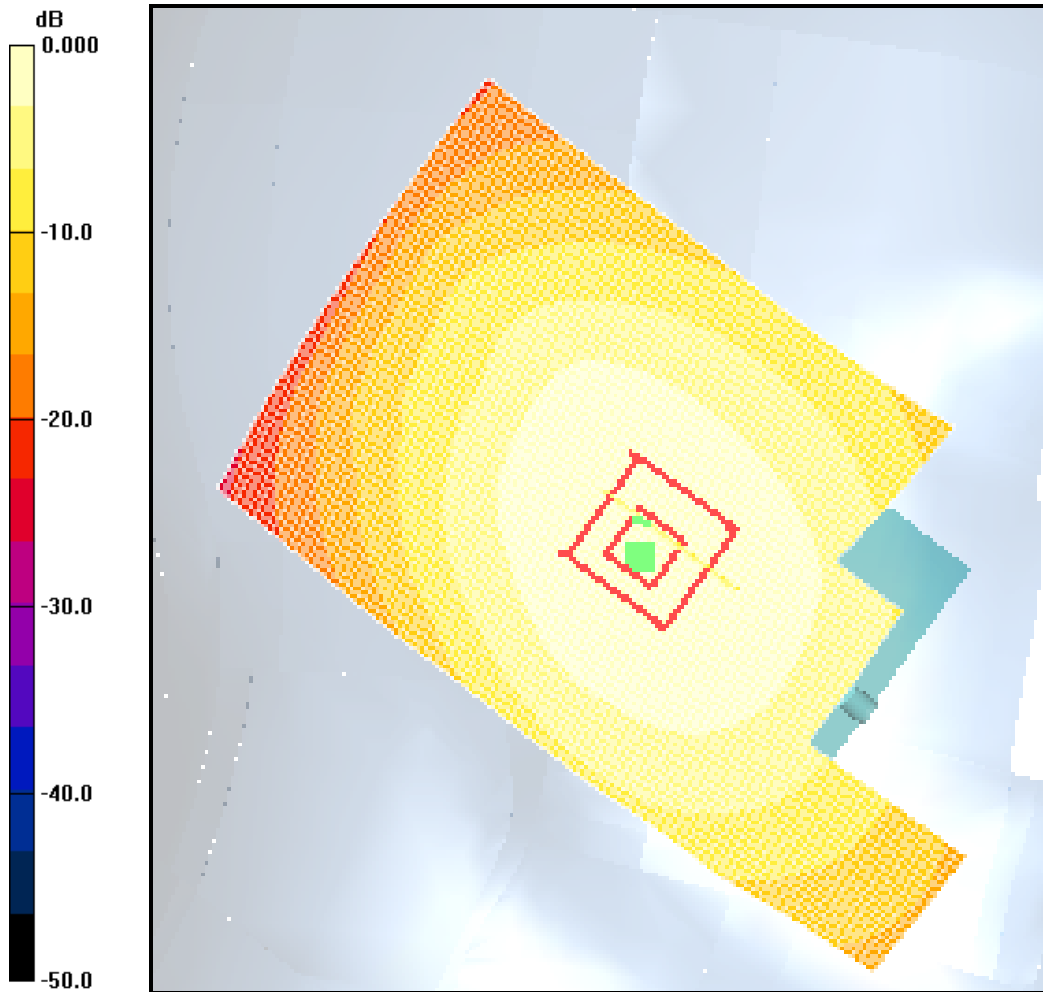
### CDMA-800 Ch777 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$ , $dy=5\text{mm}$ , $dz=5\text{mm}$

Reference Value =  $8.68 \text{ V/m}$ ; Power Drift =  $0.097 \text{ dB}$

Peak SAR (extrapolated) =  $0.836 \text{ W/kg}$

**SAR(1 g) =  $0.663 \text{ mW/g}$ ; SAR(10 g) =  $0.488 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.696 \text{ mW/g}$



0 dB =  $0.695 \text{ mW/g}$



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Date: 12/1/2009

### FCC M6000 CDMA-800 Left, 120109

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-800 Ch383 LT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.542 mW/g

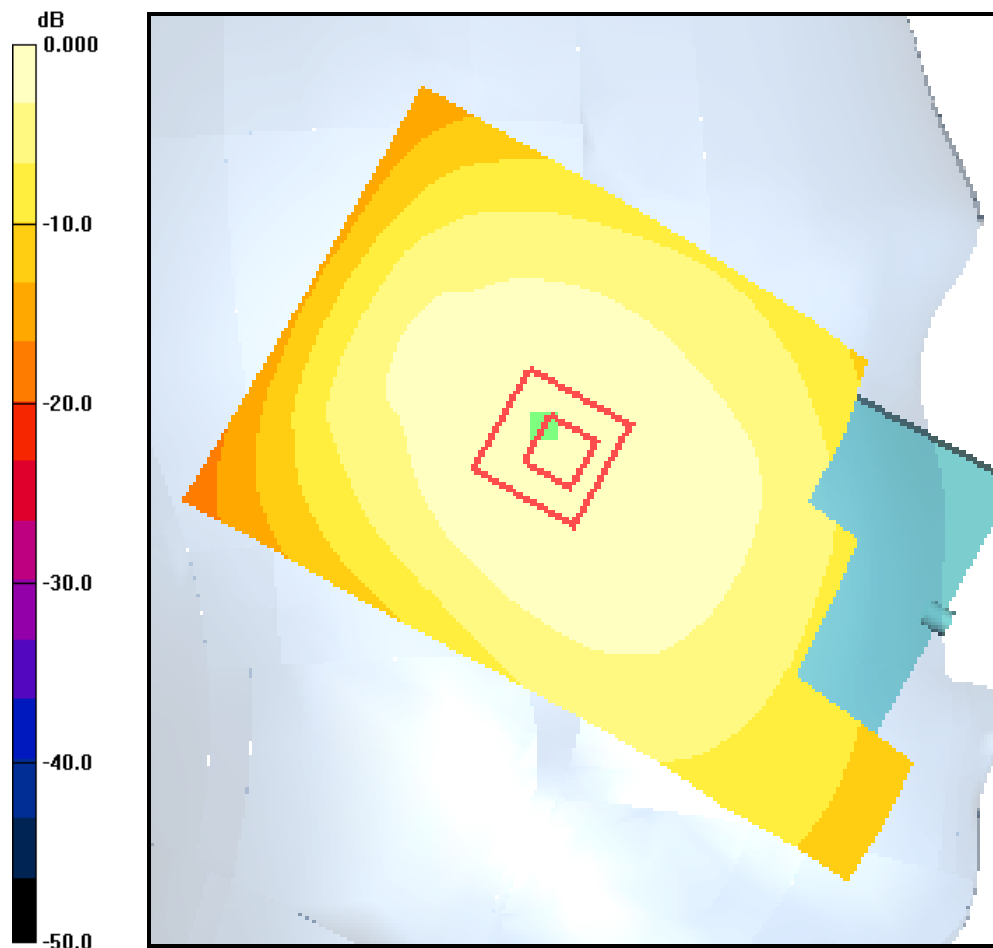
### CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 0.533 mW/g



0 dB = 0.542mW/g

Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Right, 120109

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-800 Ch1013 RC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.05 mW/g

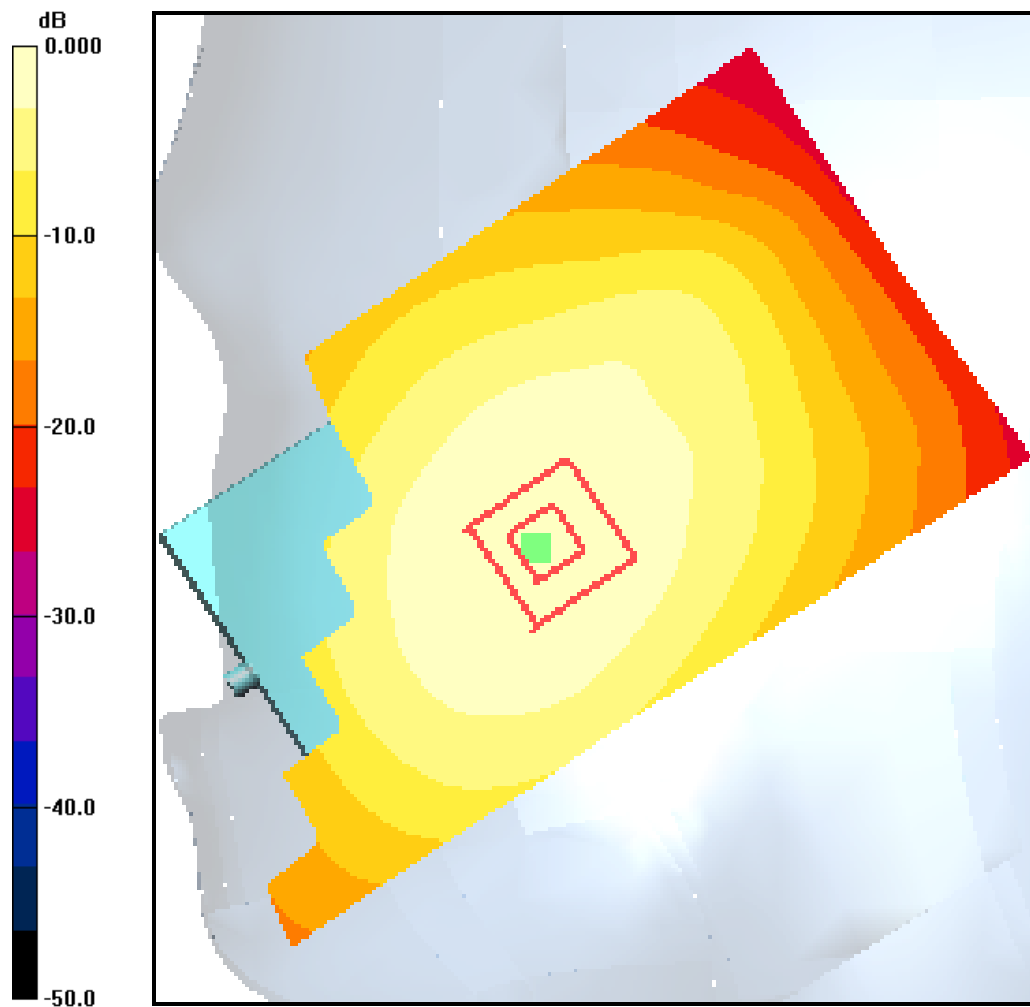
### CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 12.8 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.741 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g



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Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Right, 120109

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-800 Ch383 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.30 mW/g

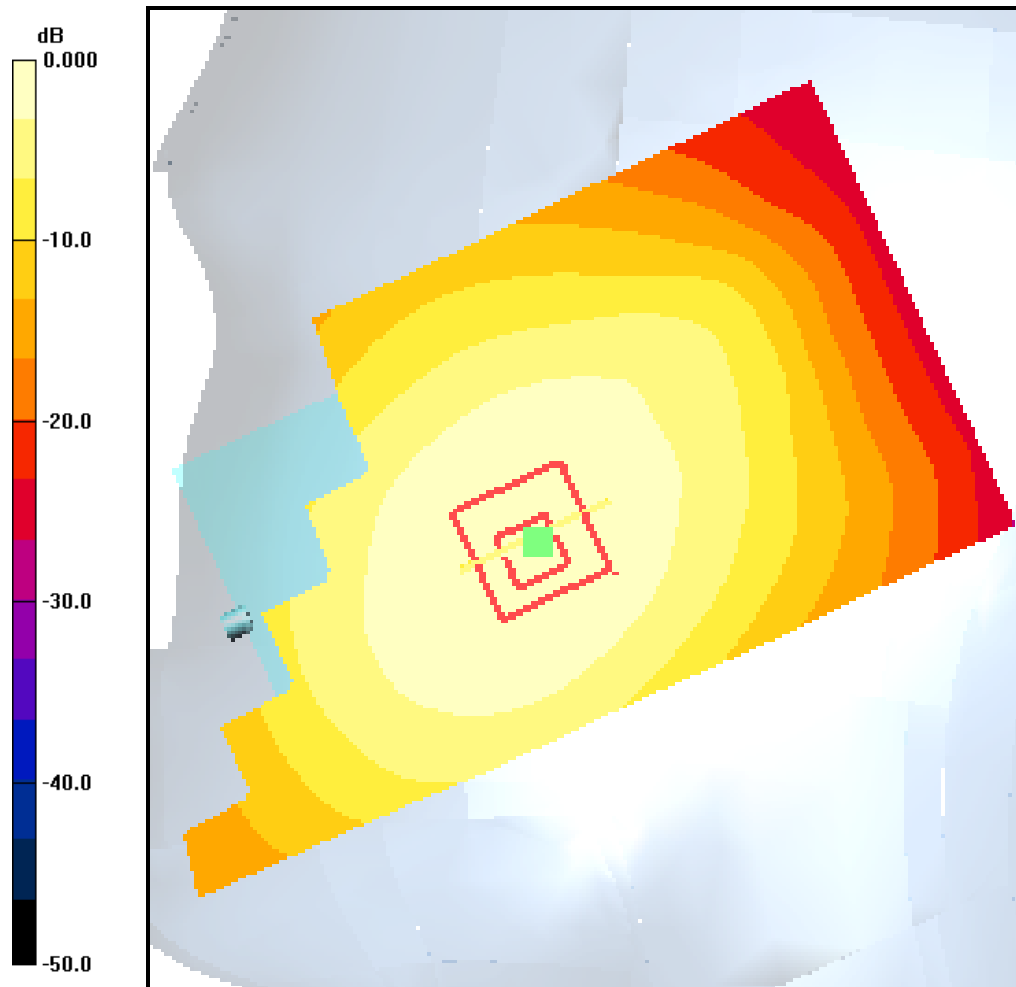
### CDMA-800 Ch383 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.914 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



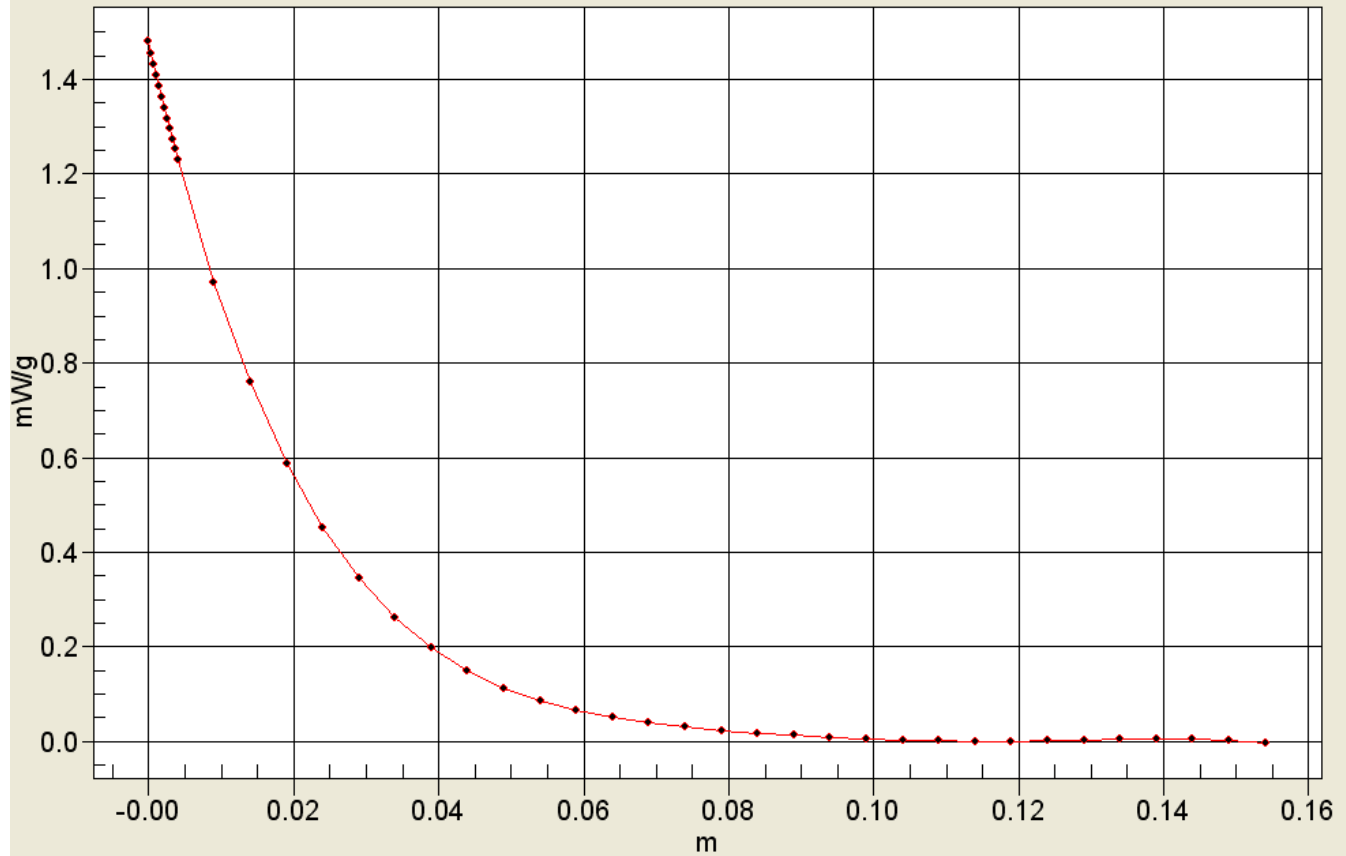
0 dB = 1.32mW/g





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**Interpolated SAR(x,y,z,f0)**  
SAR; Z Scan: Value Along Z, X=0, Y=0



Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Right, 120109

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-800 Ch777 RC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.760 mW/g

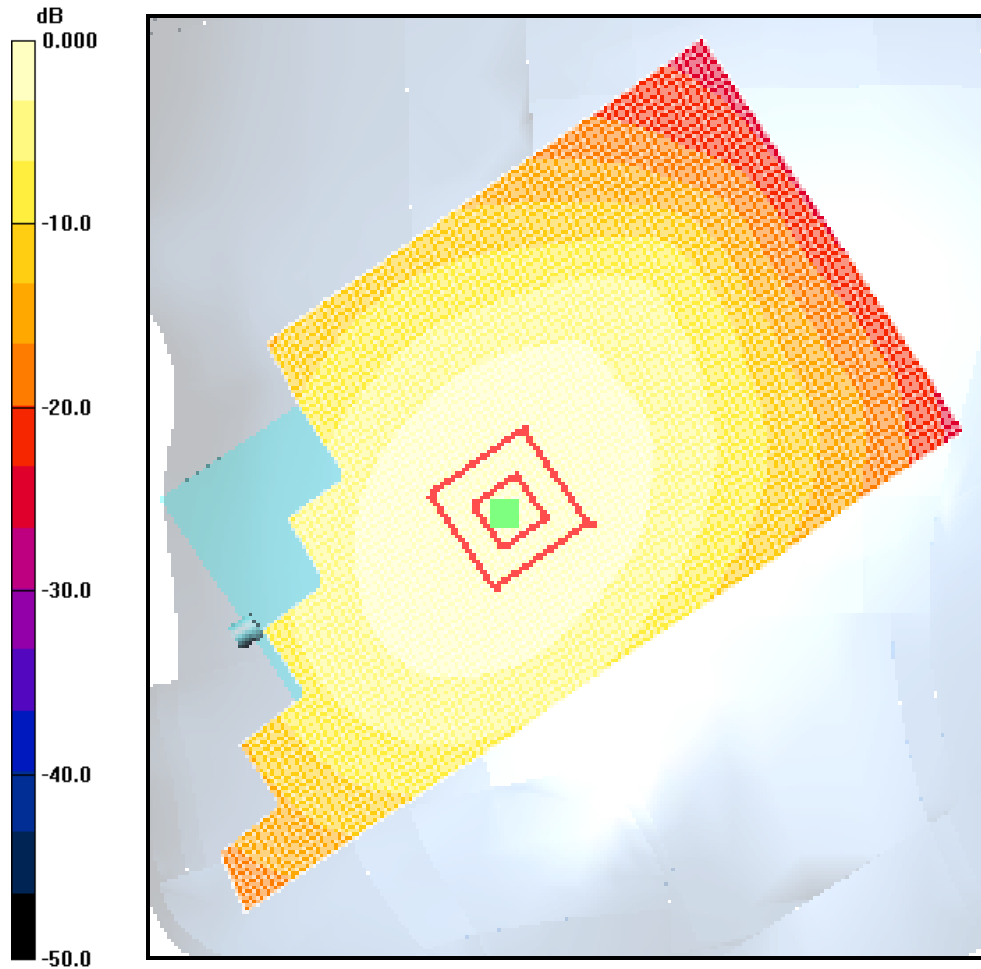
#### CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 9.70 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.936 W/kg

**SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.526 mW/g**

Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.760mW/g

Test Laboratory: Comptest/KWC

Date: 12/1/2009

### FCC M6000 CDMA-800 Right, 120109

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009

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

Electronics: DAE3 Sn494, Calibrated: 4/22/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-800 Ch383 RT/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.550 mW/g

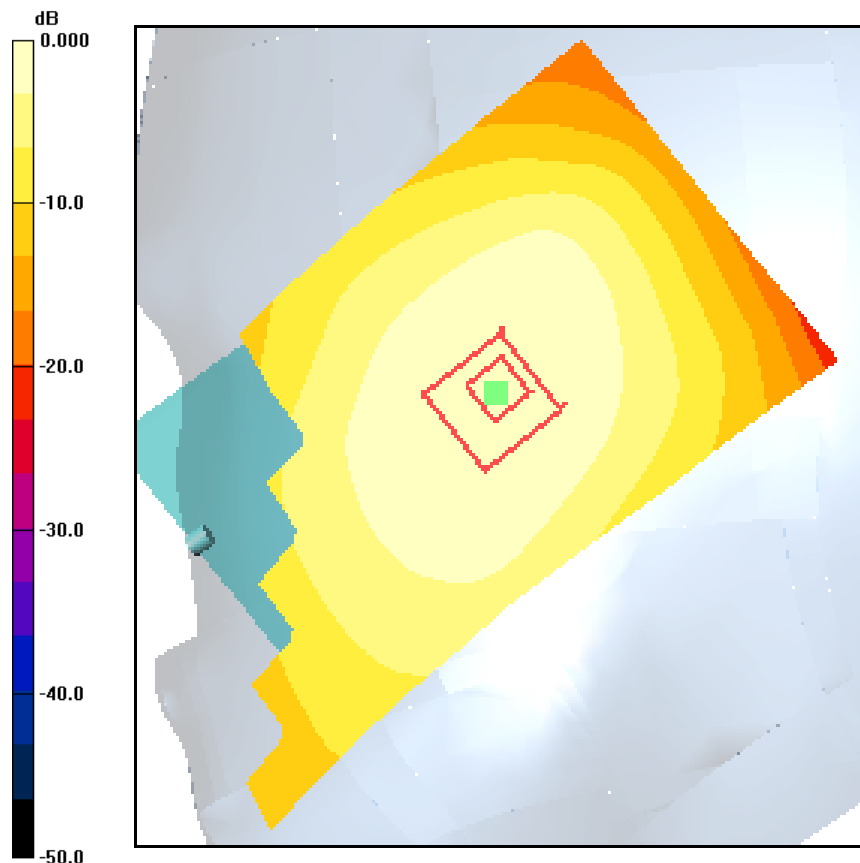
### CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 16.1 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.394 mW/g**

Maximum value of SAR (measured) = 0.547 mW/g



0 dB = 0.547mW/g



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## **CDMA 1900 (PCS)**

Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Left, 120309

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-1900\_Ch25 LC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.591 mW/g

#### CDMA-1900\_Ch25 LC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.55 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.353 mW/g**

Maximum value of SAR (measured) = 0.563 mW/g

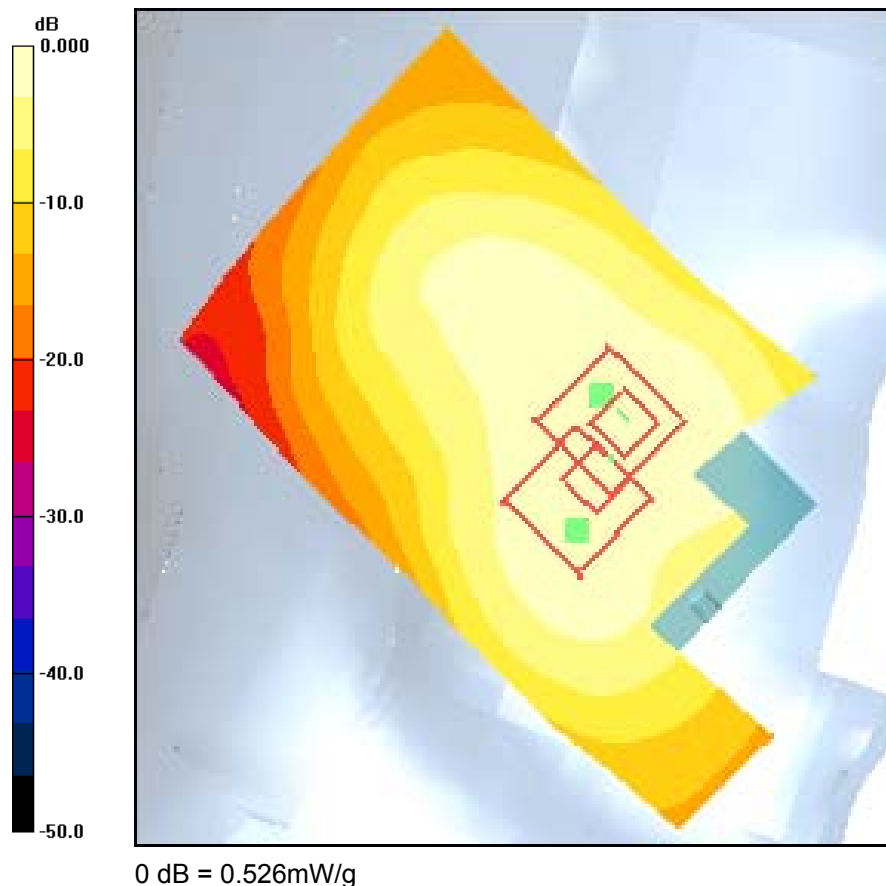
#### CDMA-1900\_Ch25 LC/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.55 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.526 mW/g



Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Left, 120309

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

**CDMA-1900\_CH600 LC/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.879 mW/g

**CDMA-1900\_CH600 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.531 mW/g**

Maximum value of SAR (measured) = 0.864 mW/g

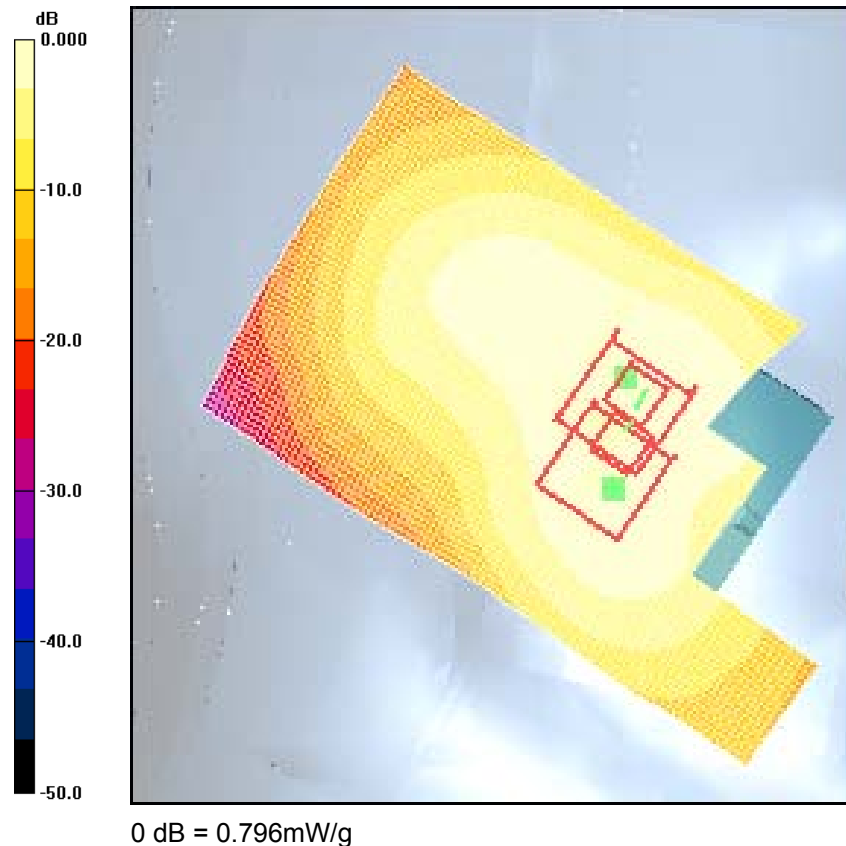
**CDMA-1900\_CH600 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 0.796 mW/g





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Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Left, 120309

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-1900\_Ch 1175 LC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.533 mW/g

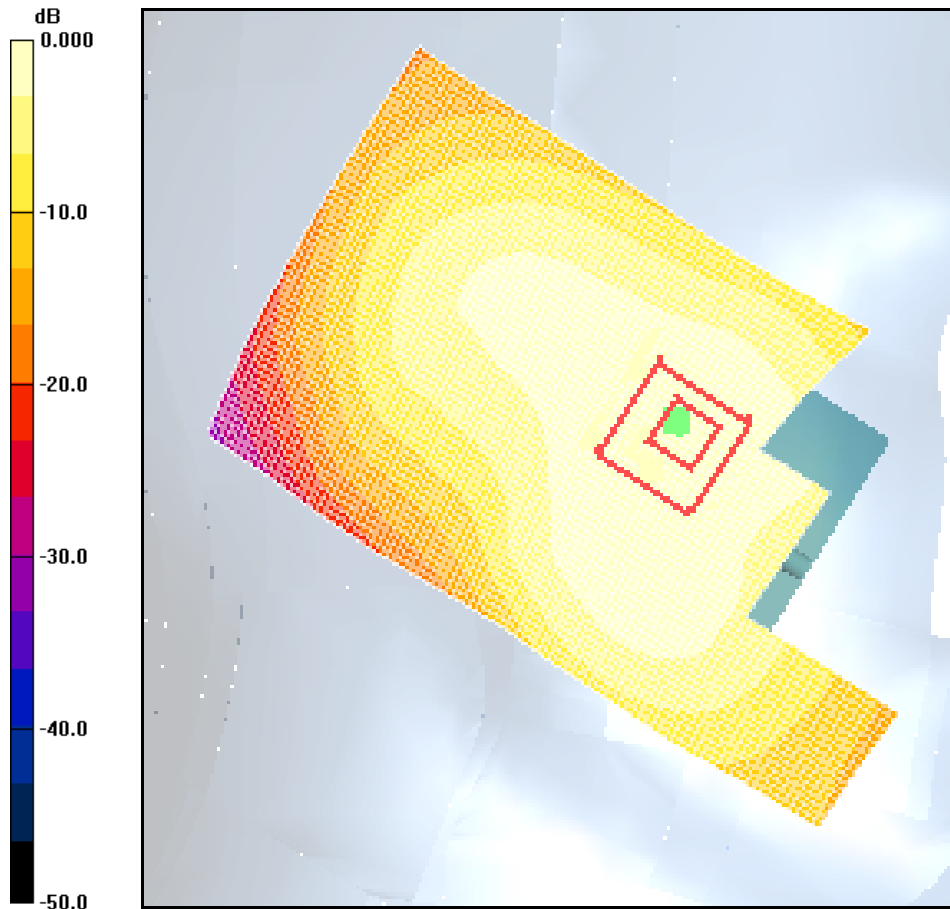
### CDMA-1900\_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.55 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.653 W/kg

**SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.306 mW/g**

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Left, 120309

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T =  $21.8 \pm 1 \text{ deg C}$ , Liquid T =  $22.0 \pm 1 \text{ deg C}$

### CDMA-1900\_CH600 LT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.630 mW/g

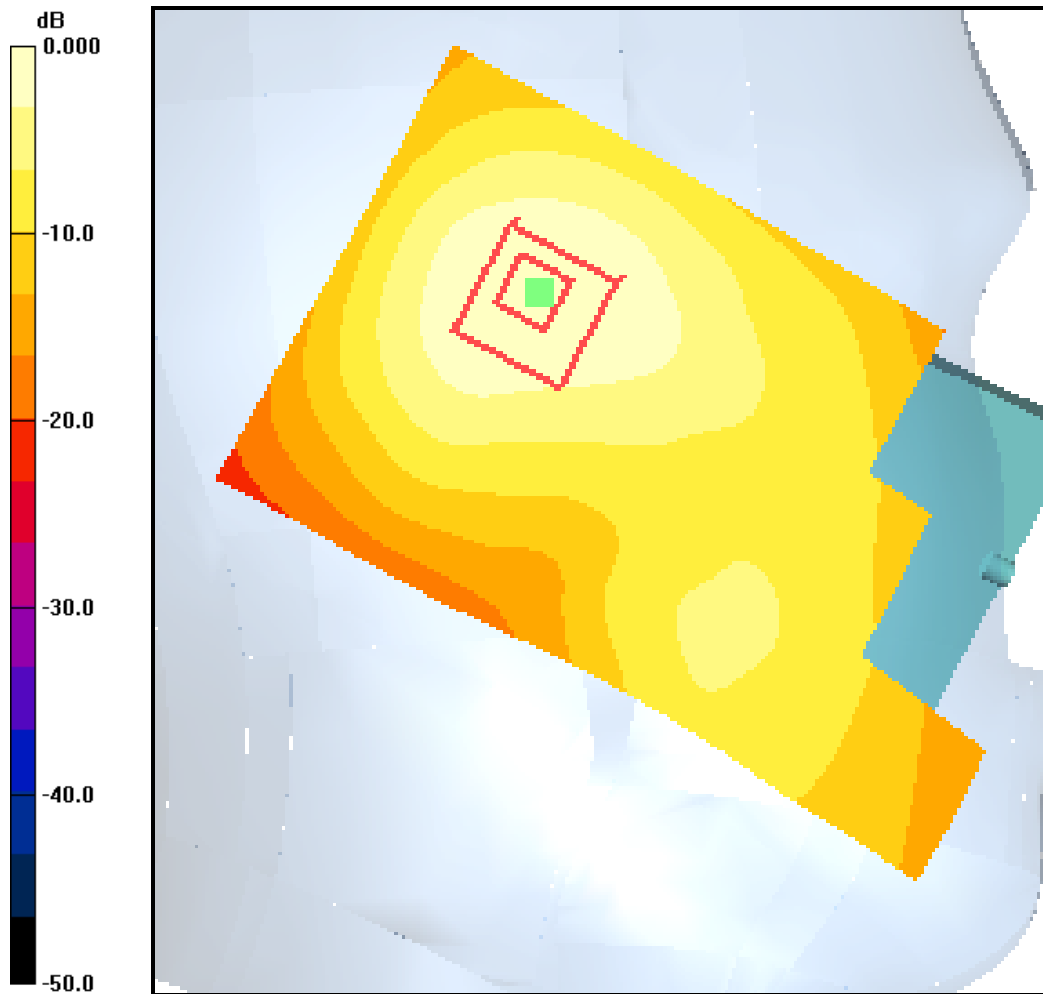
### CDMA-1900\_CH600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.591 mW/g



0 dB = 0.591mW/g



Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Right, 120309

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T =  $21.8 \pm 1 \text{ deg C}$ , Liquid T =  $22.0 \pm 1 \text{ deg C}$

**CDMA-1900\_Ch25 RC/Area Scan (111x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.03 \text{ mW/g}$

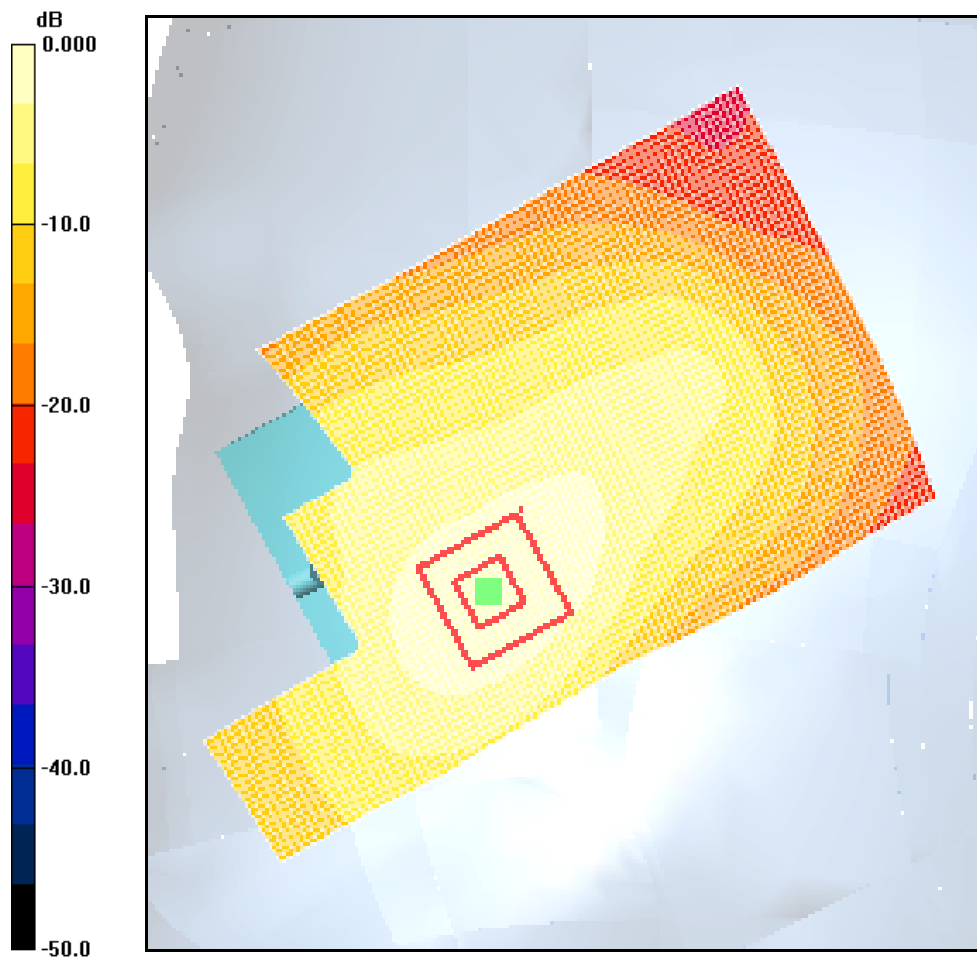
**CDMA-1900\_Ch25 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.82 \text{ V/m}$ ; Power Drift =  $0.061 \text{ dB}$

Peak SAR (extrapolated) =  $1.37 \text{ W/kg}$

**SAR(1 g) =  $0.947 \text{ mW/g}$ ; SAR(10 g) =  $0.583 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.06 \text{ mW/g}$



0 dB =  $1.06 \text{ mW/g}$

Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Right, 120309

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-1900\_CH600 RC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.47 mW/g

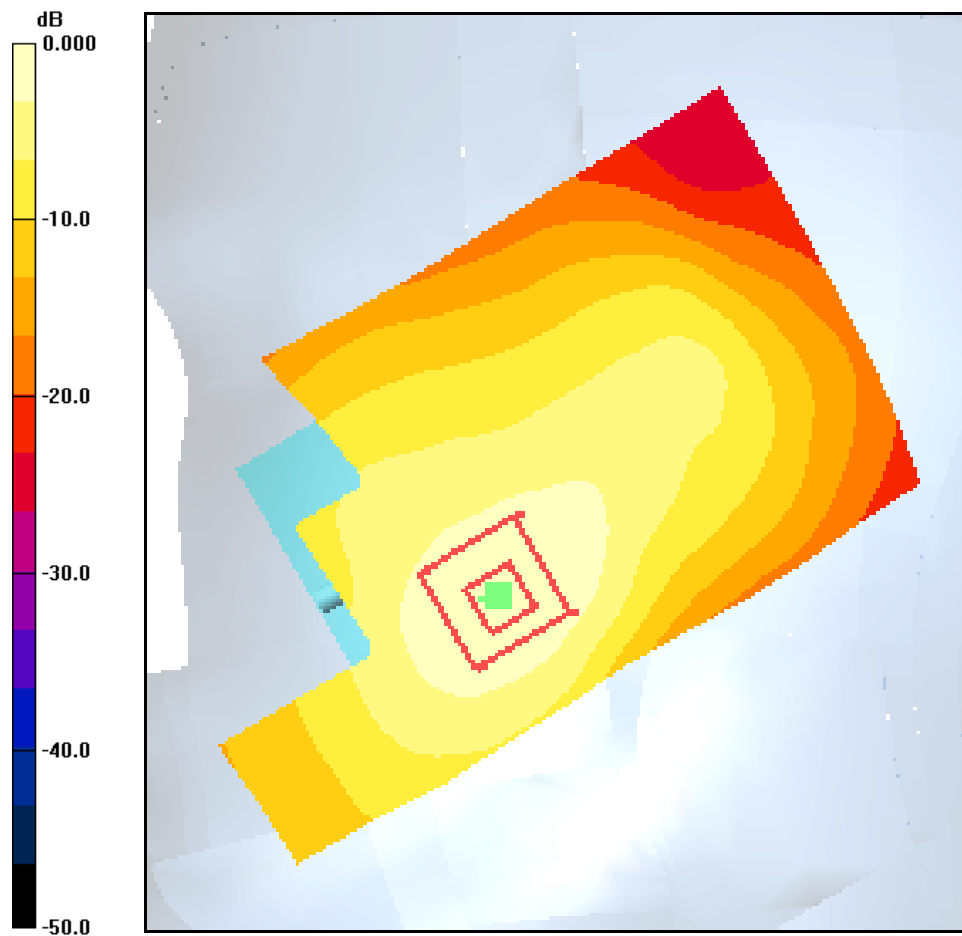
#### CDMA-1900\_CH600 RC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 11.4 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.828 mW/g**

Maximum value of SAR (measured) = 1.48 mW/g



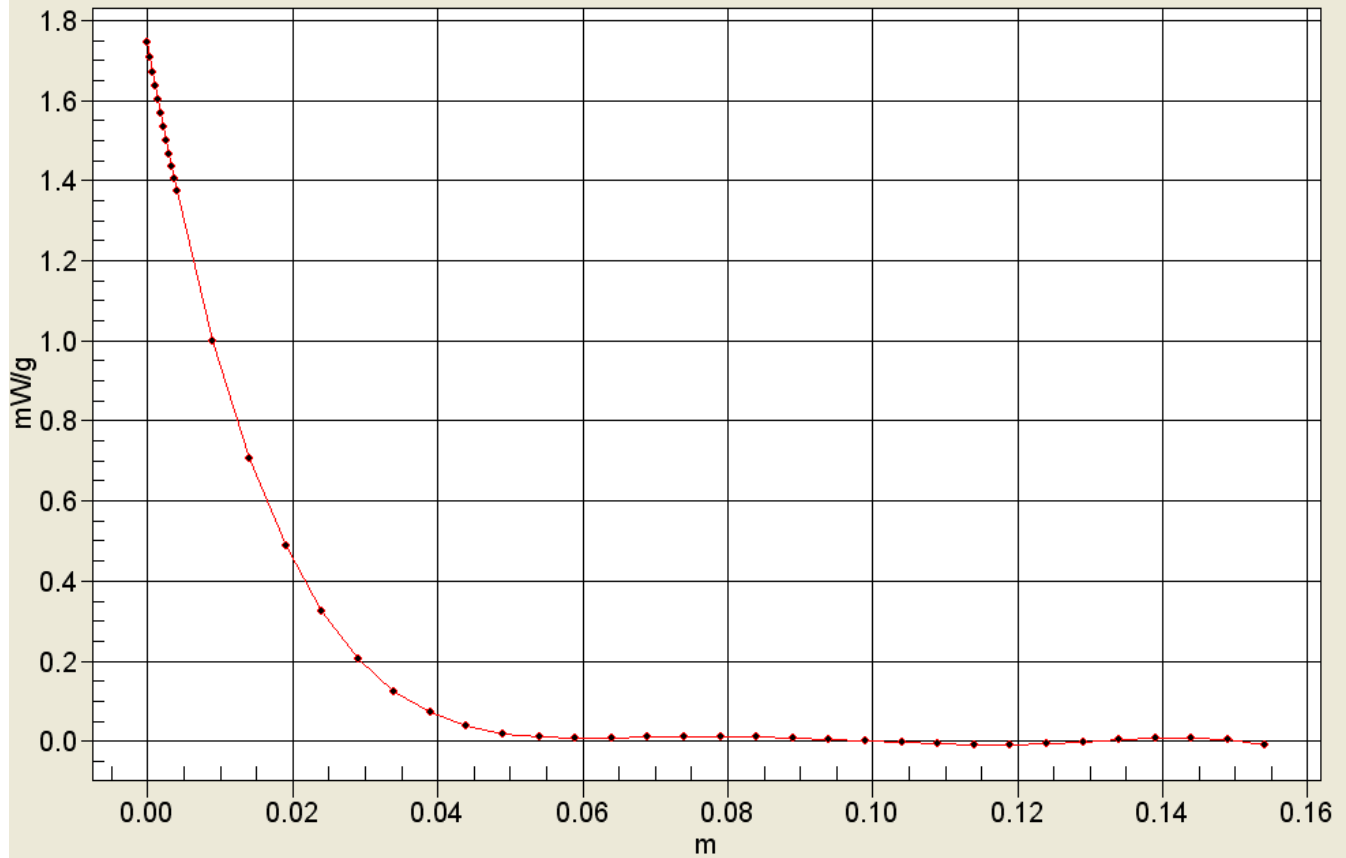
0 dB = 1.48mW/g



Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

### Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Test Laboratory: Comptest/KWC

Date/: 12/3/2009

### FCC M6000 CDMA-1900 Right, 120309

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-1900\_Ch 1175 RC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.758 mW/g

### CDMA-1900\_Ch 1175 RC/Zoom Scan (7x7x7)/Cube 0:

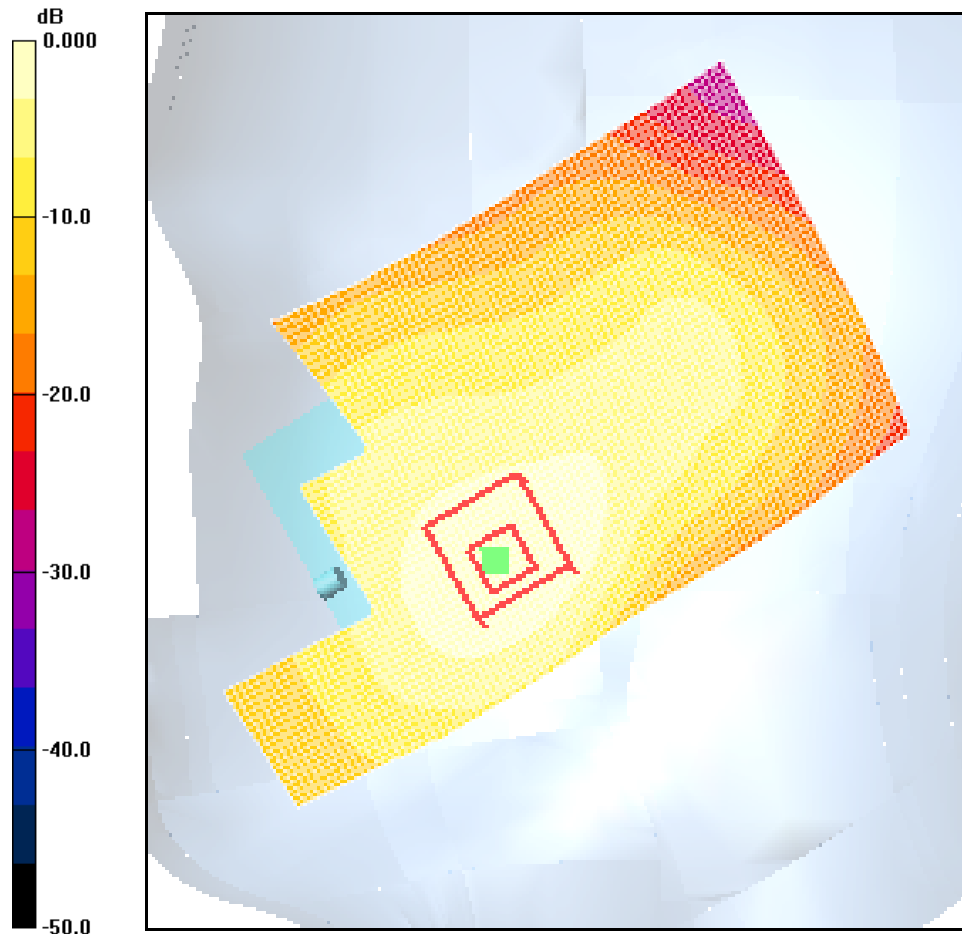
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.429 mW/g**

Maximum value of SAR (measured) = 0.775 mW/g



0 dB = 0.775mW/g

Test Laboratory: Comptest/KWC

Date: 12/3/2009

### FCC M6000 CDMA-1900 Right, 120309

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

**CDMA-1900\_CH600 RT/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.514 mW/g

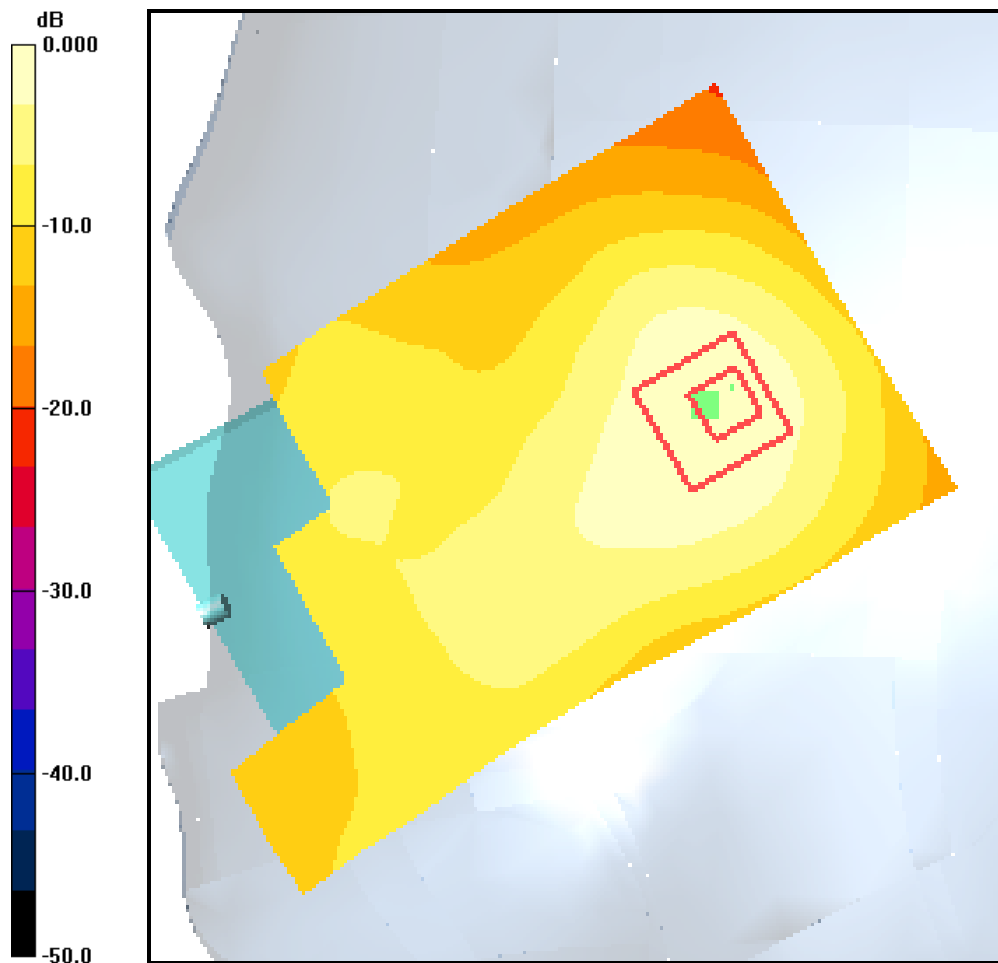
**CDMA-1900\_CH600 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.278 mW/g**

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

## CDMA 1700 (AWS)

Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Left 12-02-09

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1711.25 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-1700 Ch25 LC/Area Scan (111x61x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.746 mW/g

#### CDMA-1700 Ch25 LC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.40 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.940 W/kg

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 0.735 mW/g

#### CDMA-1700 Ch25 LC/Zoom Scan (7x7x7)/Cube 1:

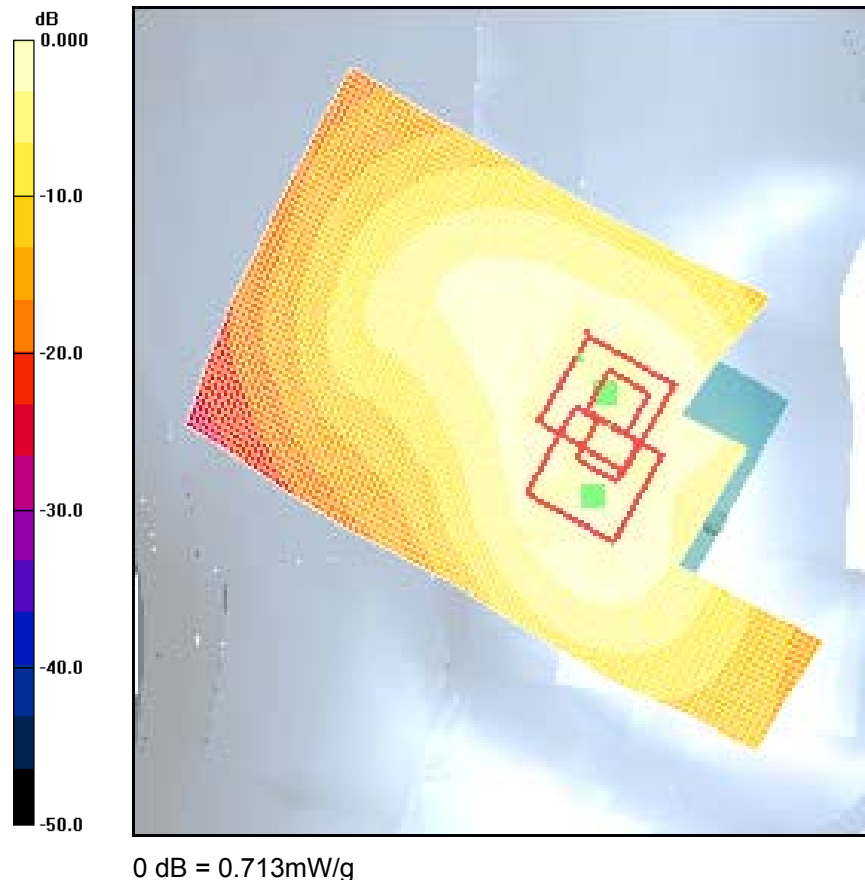
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.40 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.816 W/kg

**SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.398 mW/g**

Maximum value of SAR (measured) = 0.713 mW/g



Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Left 12-02-09

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-1700 Ch450 LC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.954 mW/g

#### CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 10.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.581 mW/g**

Maximum value of SAR (measured) = 0.913 mW/g

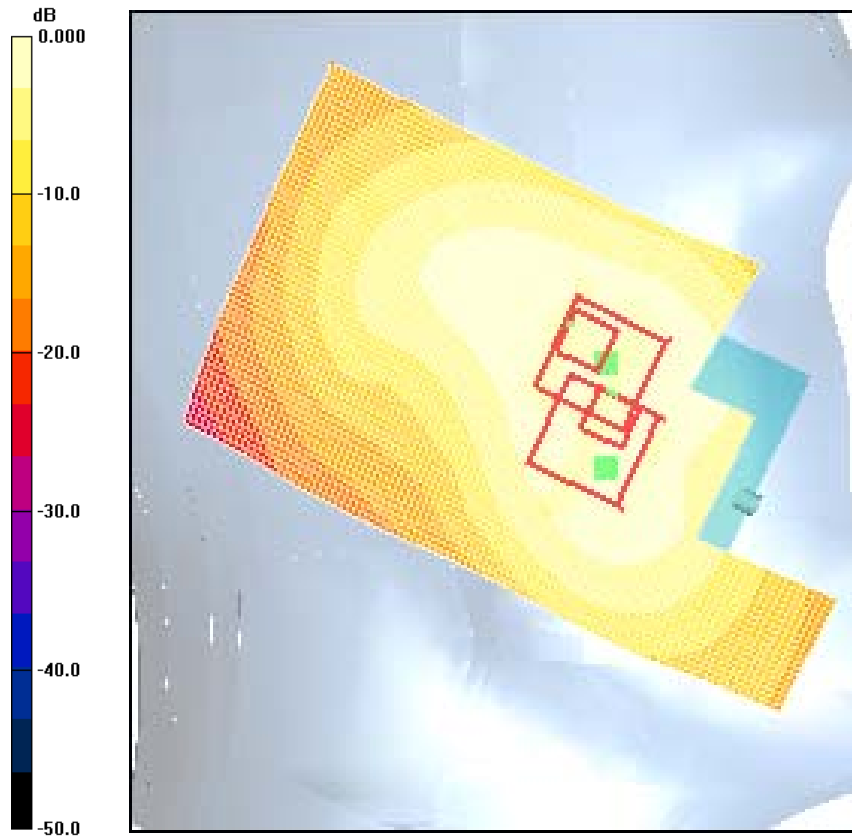
#### CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 10.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.987 W/kg

**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.479 mW/g**

Maximum value of SAR (measured) = 0.869 mW/g

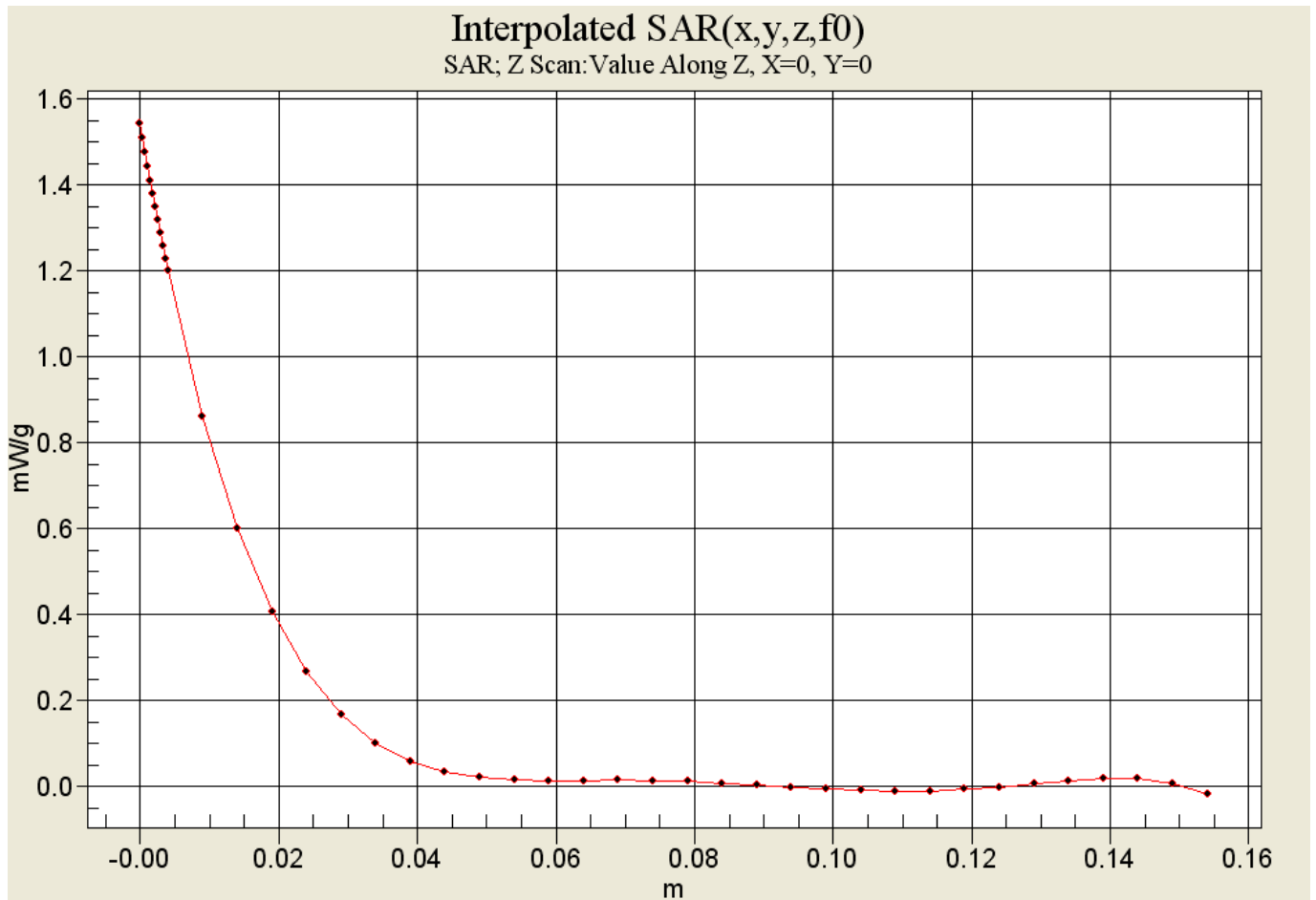


0 dB = 0.869mW/g





Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0



Test Laboratory: Comptest/KWC

Date/: 12/2/2009

### FCC M6000 CDMA-1700 Left 12-02-09

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (extrapolated):  $f = 1753.75 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-1700 Ch875 LC/Area Scan (111x61x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) = 0.996 mW/g

#### CDMA-1700 Ch875 LC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 10.3 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.585 mW/g**

Maximum value of SAR (measured) = 0.942 mW/g

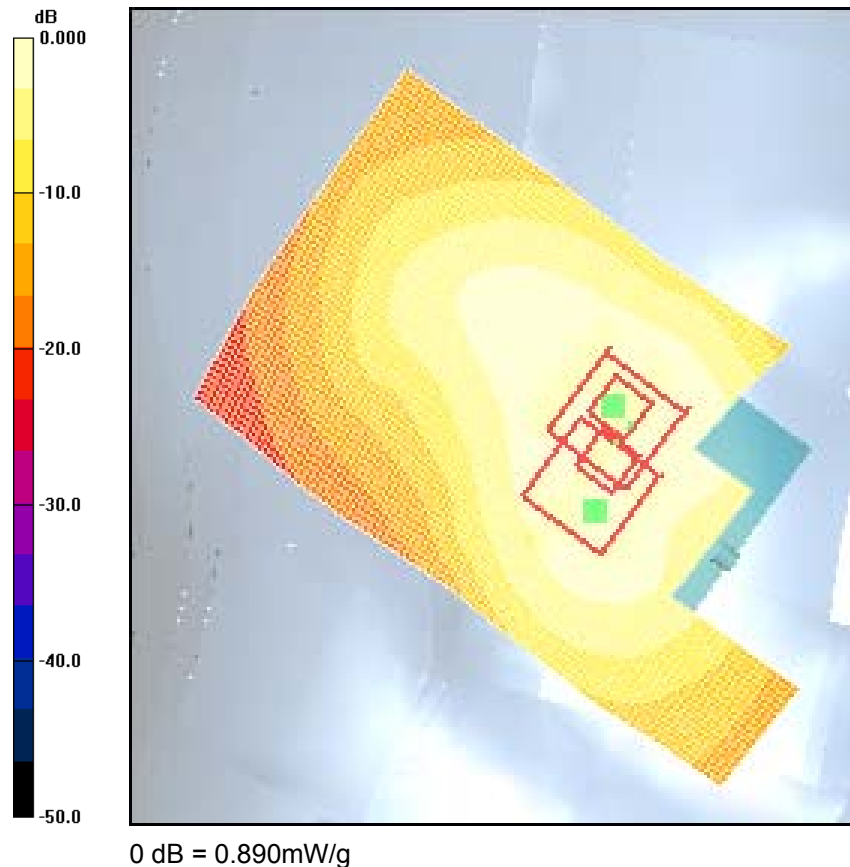
#### CDMA-1700 Ch875 LC/Zoom Scan (7x7x7)/Cube 1:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 10.3 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.476 mW/g**

Maximum value of SAR (measured) = 0.890 mW/g





Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Left 12-02-09

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-1700 Ch450 LT/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.573 mW/g

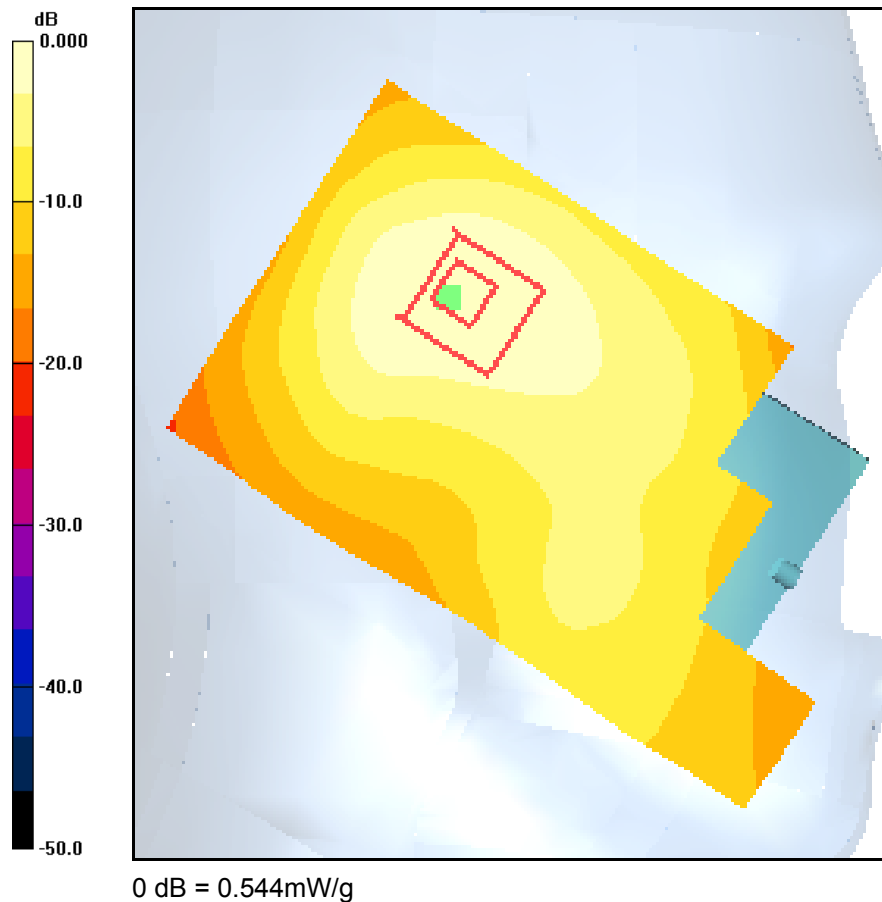
### CDMA-1700 Ch450 LT/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 15.4 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.321 mW/g**

Maximum value of SAR (measured) = 0.544 mW/g





Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Right 12-02-09

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1711.25 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T =  $21.8 \pm 1 \text{ deg C}$ , Liquid T =  $22.0 \pm 1 \text{ deg C}$

#### CDMA-1700 Ch25 RC/Area Scan (111x61x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.882 \text{ mW/g}$

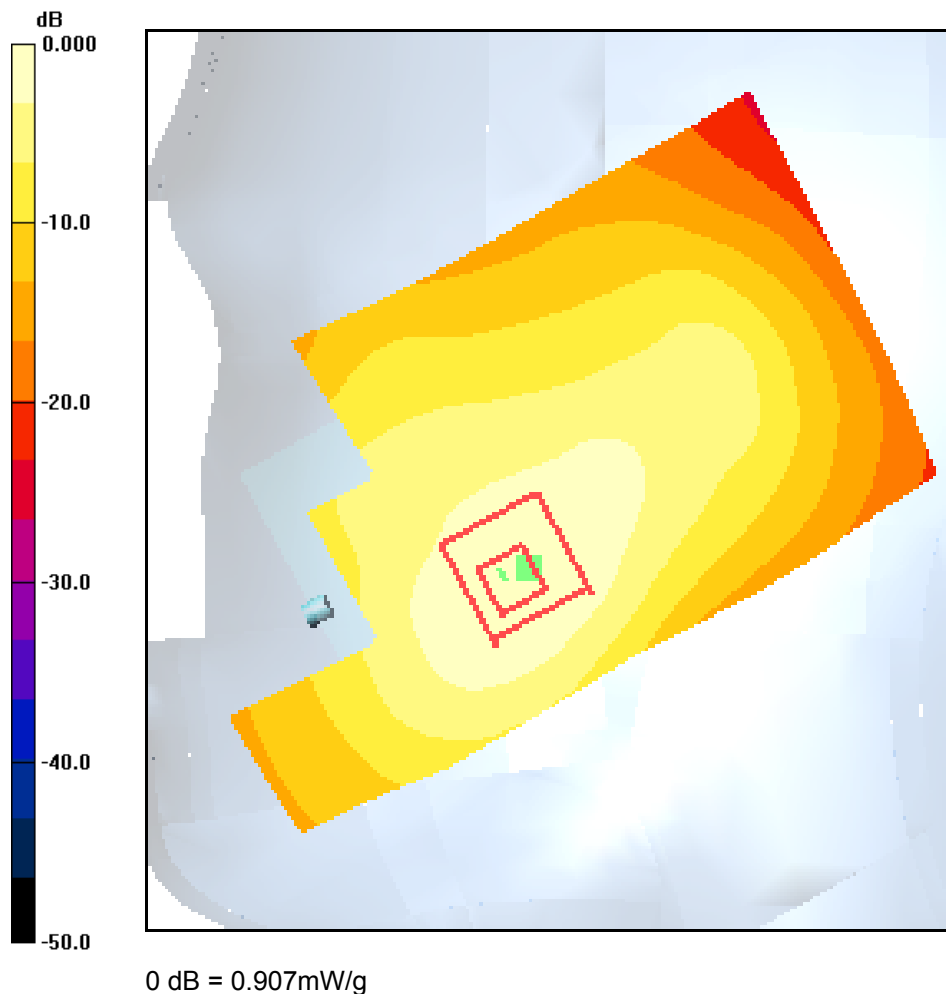
#### CDMA-1700 Ch25 RC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $10.8 \text{ V/m}$ ; Power Drift =  $0.014 \text{ dB}$

Peak SAR (extrapolated) =  $1.09 \text{ W/kg}$

**SAR(1 g) =  $0.817 \text{ mW/g}$ ; SAR(10 g) =  $0.521 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.907 \text{ mW/g}$





Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Right 12-02-09

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

#### CDMA-1700 Ch450 RC/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 mW/g

#### CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 0:

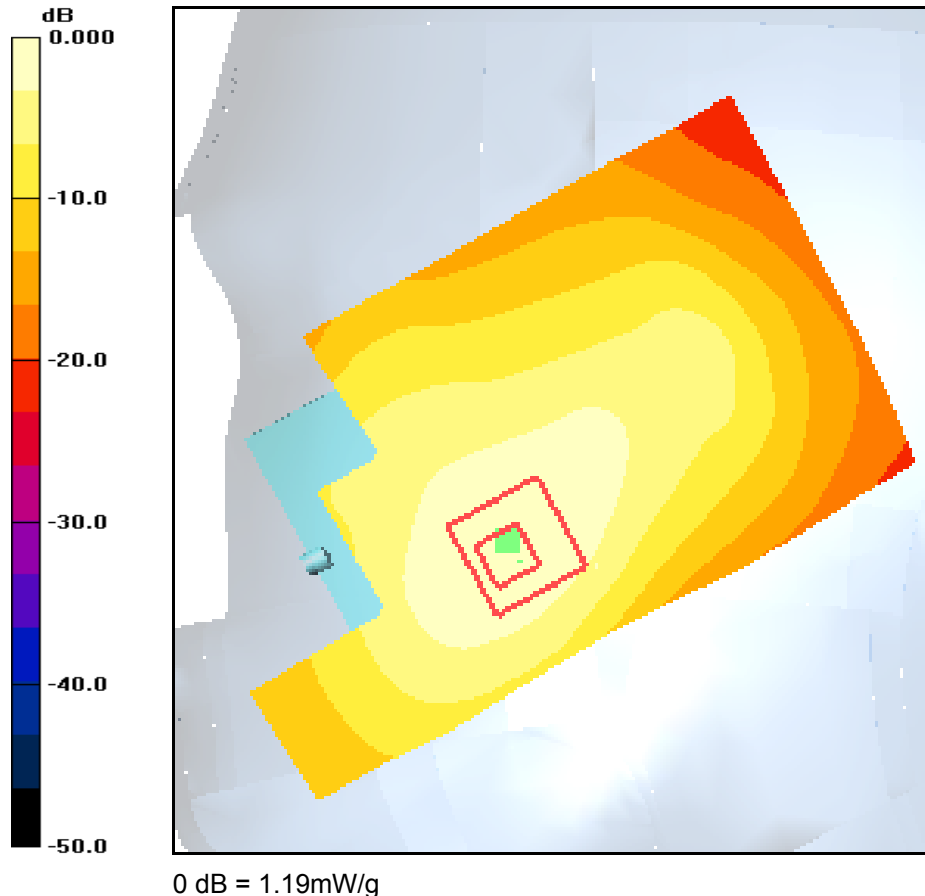
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.700 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Right 12-02-09

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (extrapolated):  $f = 1753.75 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T =  $21.8 \pm 1 \text{ deg C}$ , Liquid T =  $22.0 \pm 1 \text{ deg C}$

#### CDMA-1700 Ch875 RC/Area Scan (111x61x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $1.14 \text{ mW/g}$

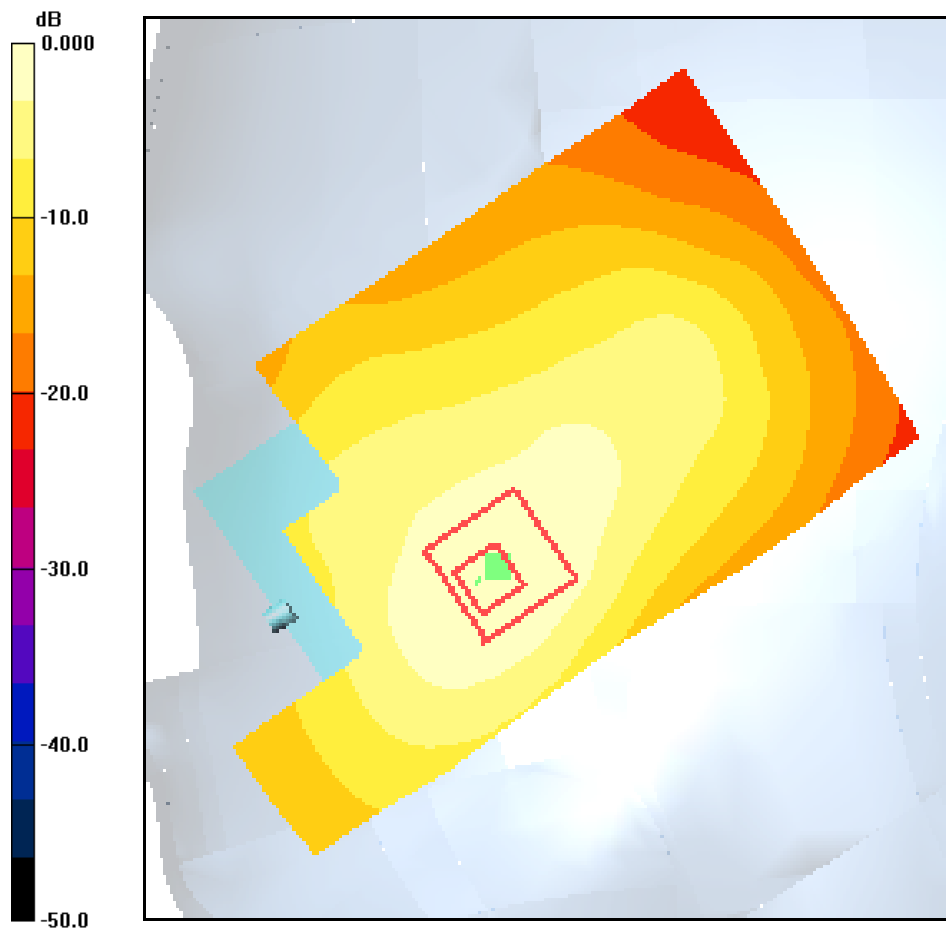
#### CDMA-1700 Ch875 RC/Zoom Scan (7x7x7)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $11.7 \text{ V/m}$ ; Power Drift =  $-0.062 \text{ dB}$

Peak SAR (extrapolated) =  $1.37 \text{ W/kg}$

**SAR(1 g) =  $1.01 \text{ mW/g}$ ; SAR(10 g) =  $0.636 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.10 \text{ mW/g}$



0 dB =  $1.10 \text{ mW/g}$



Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-9B1-1209-R0

Test Laboratory: Comptest/KWC

Date: 12/2/2009

### FCC M6000 CDMA-1700 Right 12-02-09

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.46, 5.46, 5.46), Calibrated: 6/22/2009

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

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

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

### CDMA-1700 Ch450 RT/Area Scan (111x61x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.562 mW/g

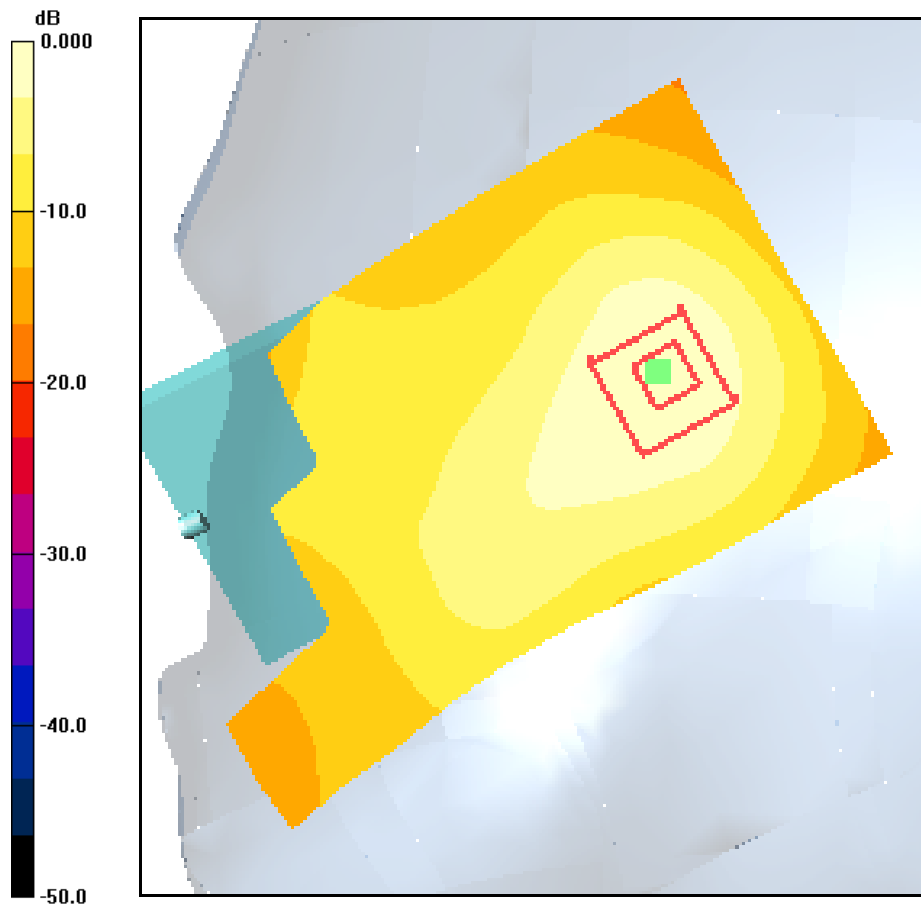
### CDMA-1700 Ch450 RT/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 16.8 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.660 W/kg

**SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.294 mW/g**

Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g