



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

EXHIBIT 9 APPENDIX B1: SAR DISTRIBUTION PLOTS (HEAD)

**CELL-BC10**

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 07/08/2011

**FCC C5120\_CELL Ch. 684 Left Cheek, Closed**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.472 mW/g

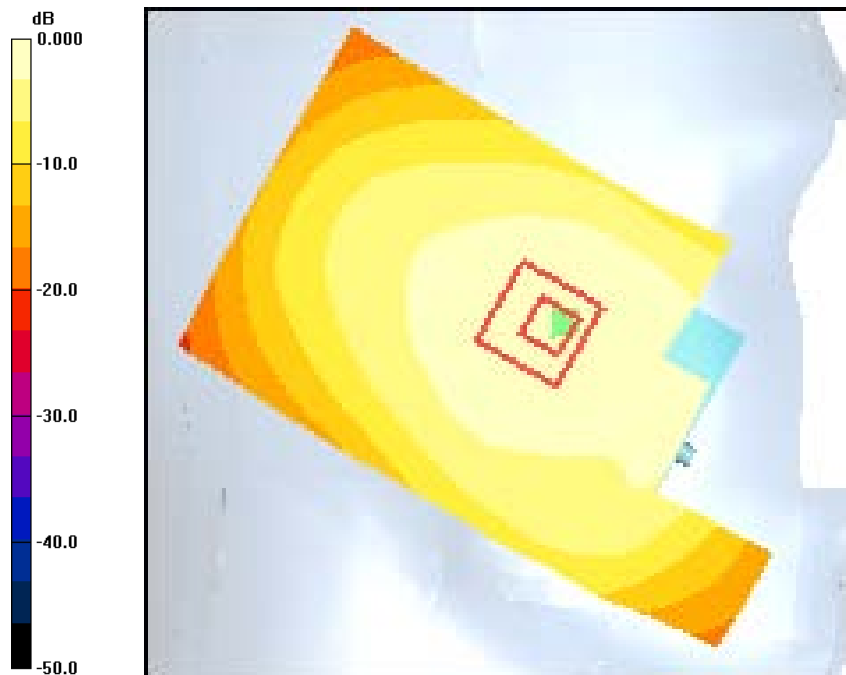
**CDMA-800 Ch684 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 0.593 W/kg

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.294 mW/g**

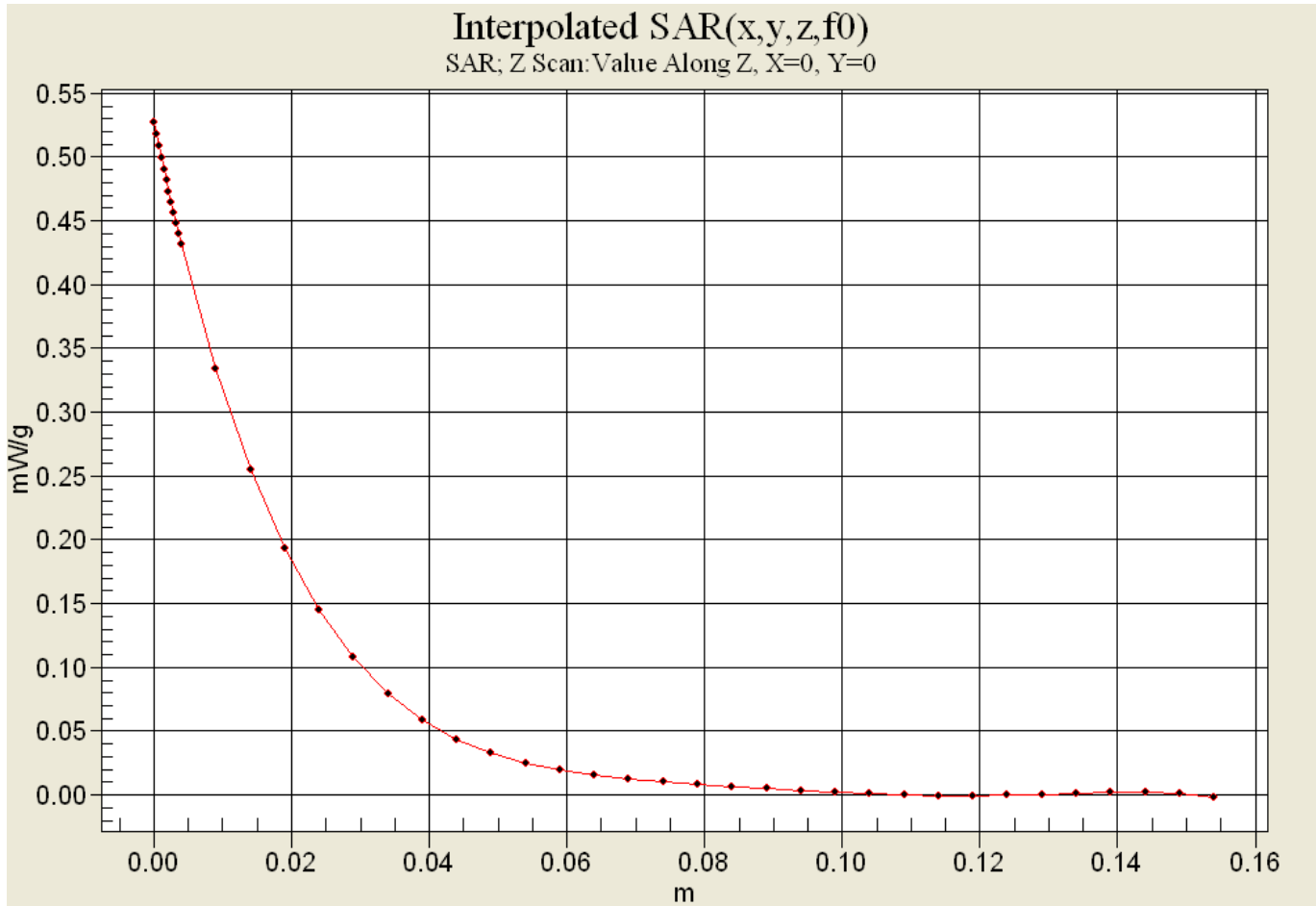
Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.446mW/g



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Date: 07/08/2011

**FCC C5120\_CELL Ch. 684 Left Tilt, Closed**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.227 mW/g

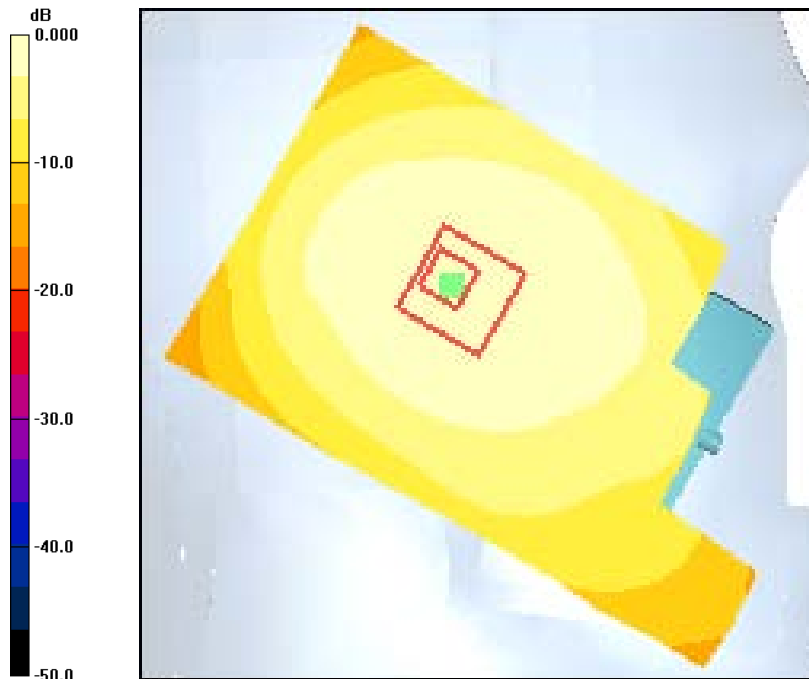
**CDMA-800 Ch684 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.176 mW/g**

Maximum value of SAR (measured) = 0.243 mW/g



0 dB = 0.243mW/g

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Test Laboratory: Comptest/Kyocera

Date: 07/07/2011

**FCC C5120\_CELL Ch. 684 Right Cheek, Closed**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 RC/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.686 mW/g

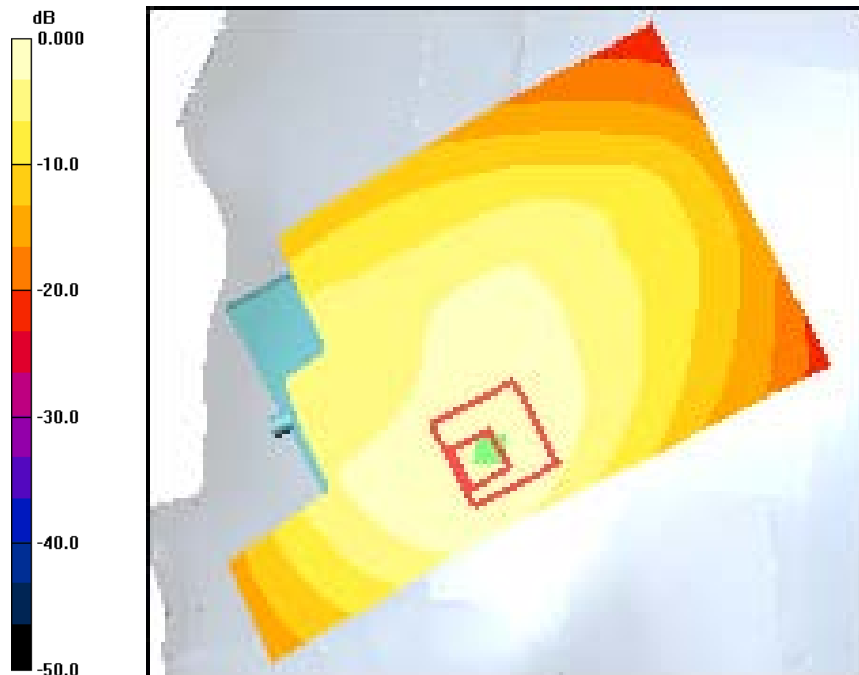
**CDMA-800 Ch684 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.846 W/kg

**SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.356 mW/g**

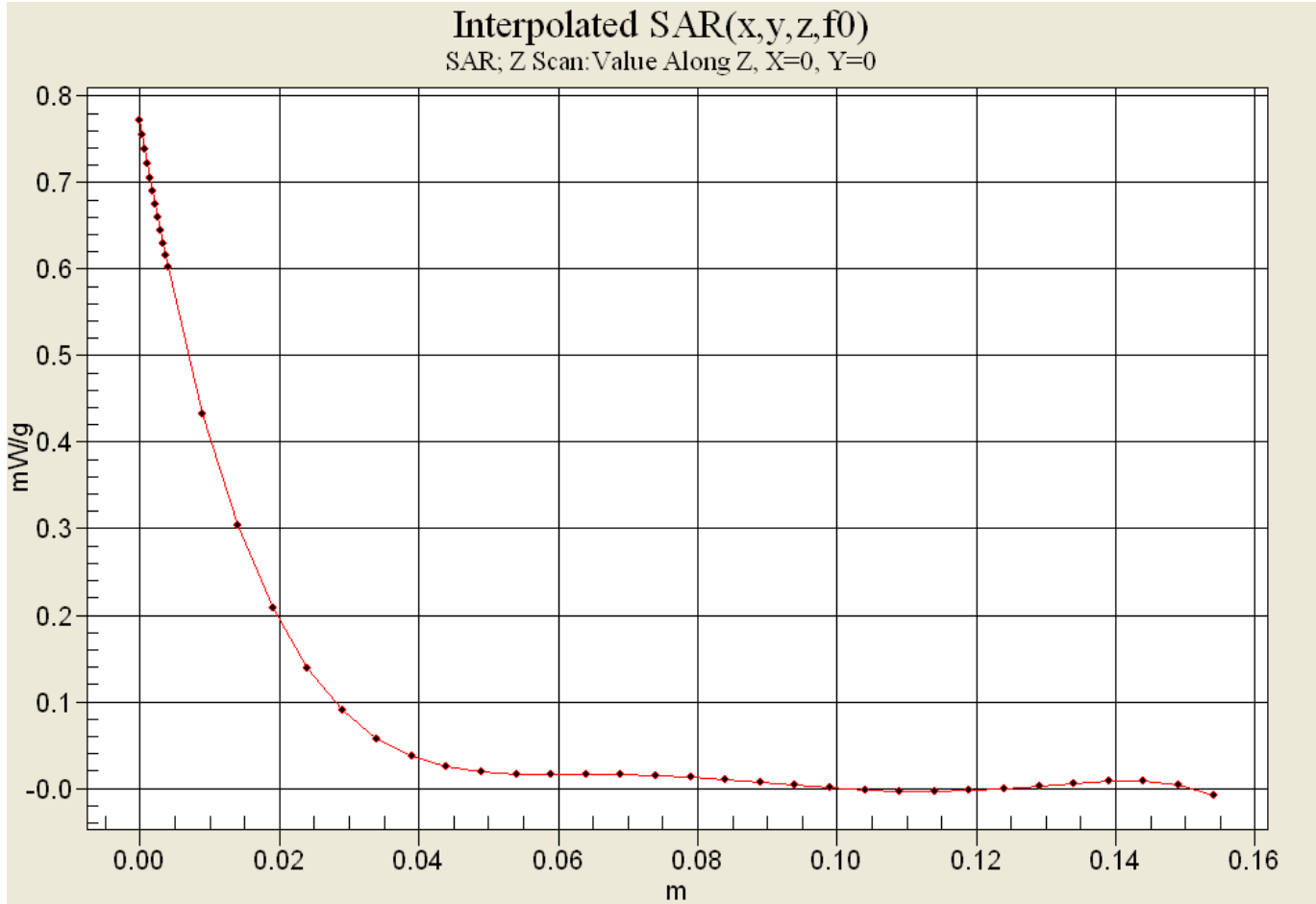
Maximum value of SAR (measured) = 0.606 mW/g



0 dB = 0.606mW/g



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Test Laboratory: Comptest/Kyocera

Date: 07/07/2011

**FCC C5120\_CELL Ch. 684 Right Tilt, Closed**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 RT/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.276 mW/g

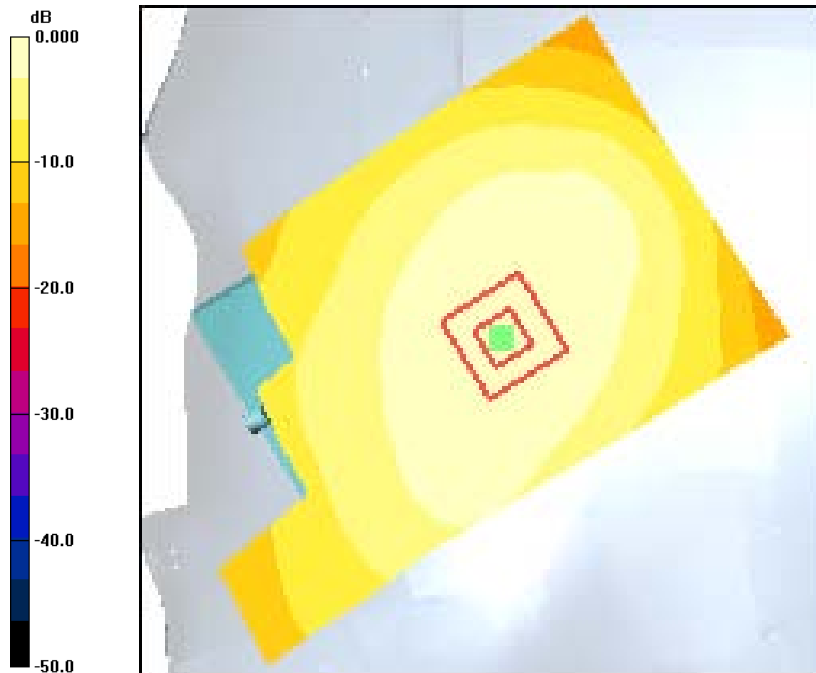
**CDMA-800 Ch684 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.199 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.279mW/g

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Test Laboratory: Comptest/Kyocera

Date: 07/08/2011

**FCC C5120\_CELL Ch. 684 Left Cheek, Open**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 LC/Area Scan (91x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.802 mW/g

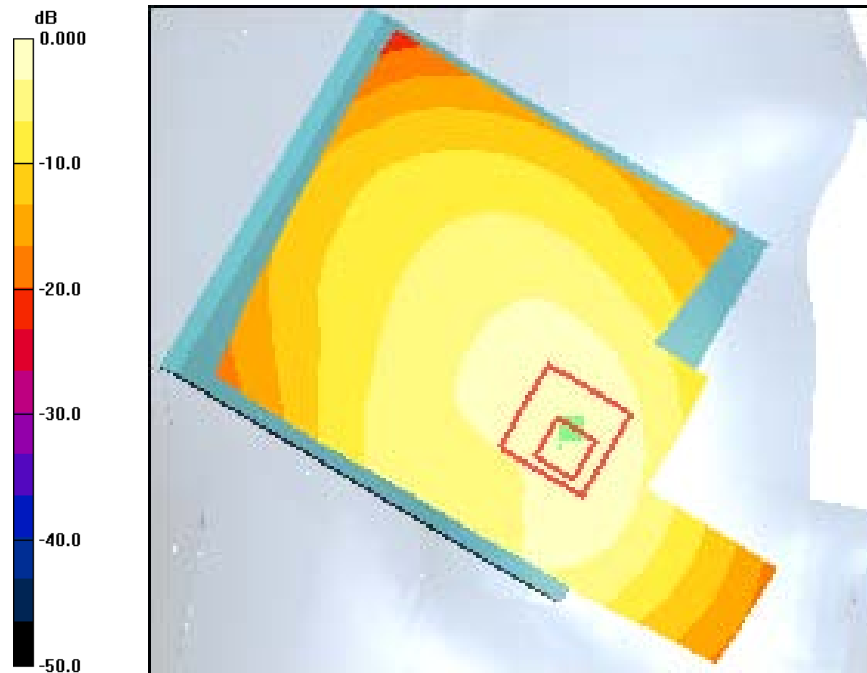
**CDMA-800 Ch684 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.19 V/m; Power Drift = -0.886 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.457 mW/g**

Maximum value of SAR (measured) = 0.834 mW/g

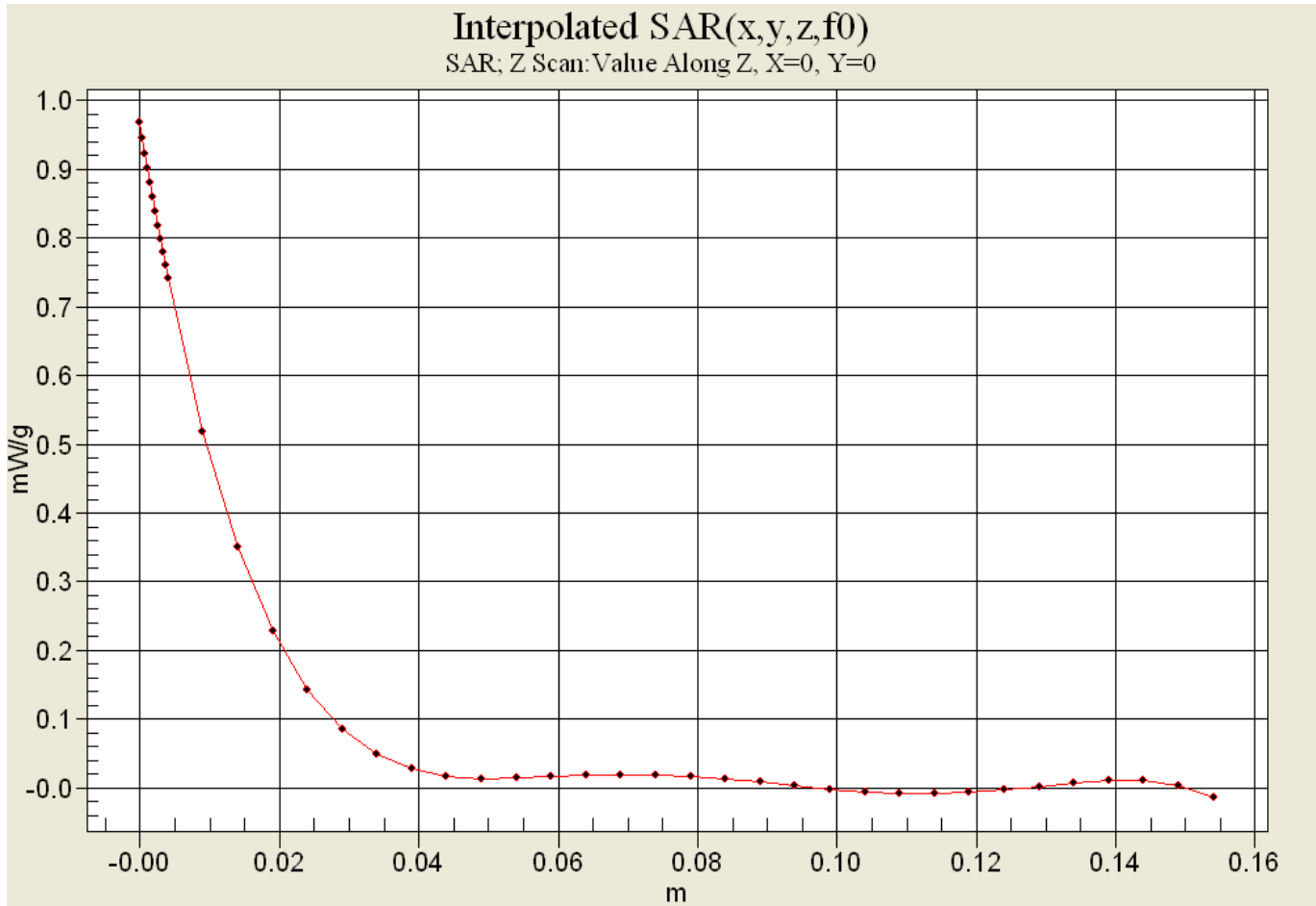


0 dB = 0.834mW/g





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Test Laboratory: Comptest/Kyocera

Date: 07/08/2011

**FCC C5120\_CELL Ch. 684 Left Tilt, Open**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

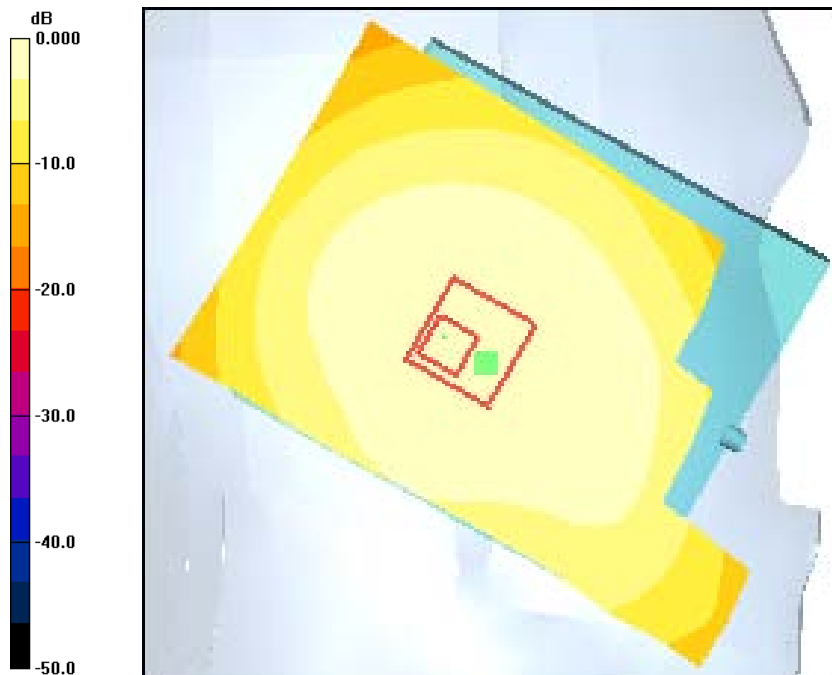
**CDMA-800 Ch684 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

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Test Laboratory: Comptest/Kyocera

Date: 07/07/2011

**FCC C5120\_CELL Ch. 684 Right Cheek, Open**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 RC/Area Scan (111x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.464 mW/g

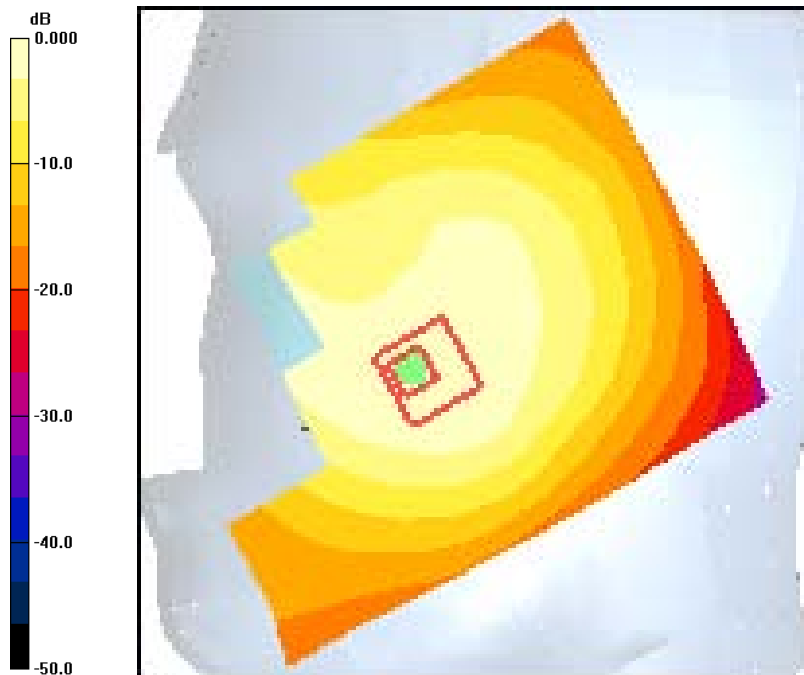
**CDMA-800 Ch684 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.28 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.592 W/kg

**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.460 mW/g

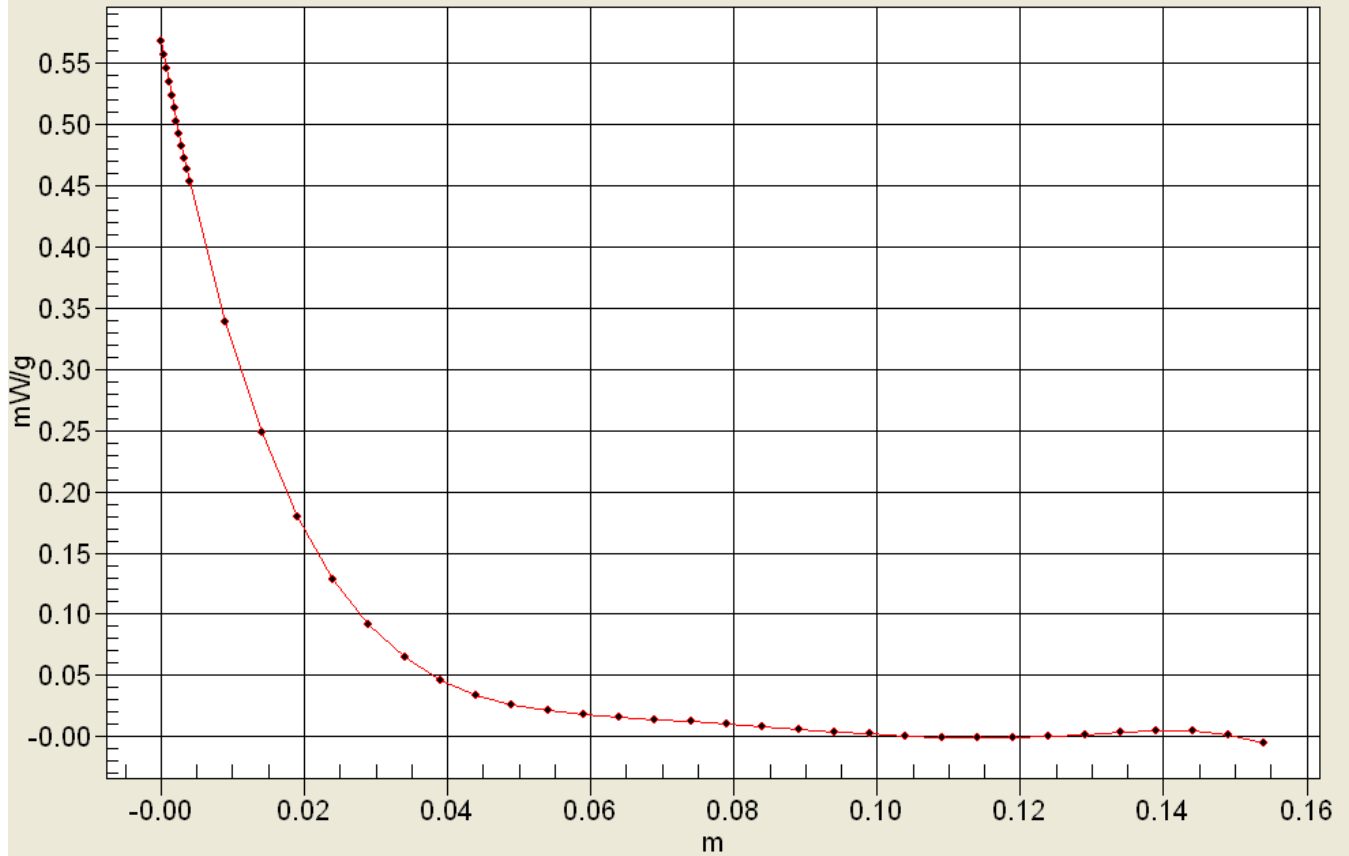


0 dB = 0.460mW/g



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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/Kyocera

Date: 07/07/2011

**FCC C5120\_CELL Ch. 684 Right Tilt, Open**

Communication System: Cell BC-10, Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 823.1$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 Ch684 RT/Area Scan (111x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.240 mW/g

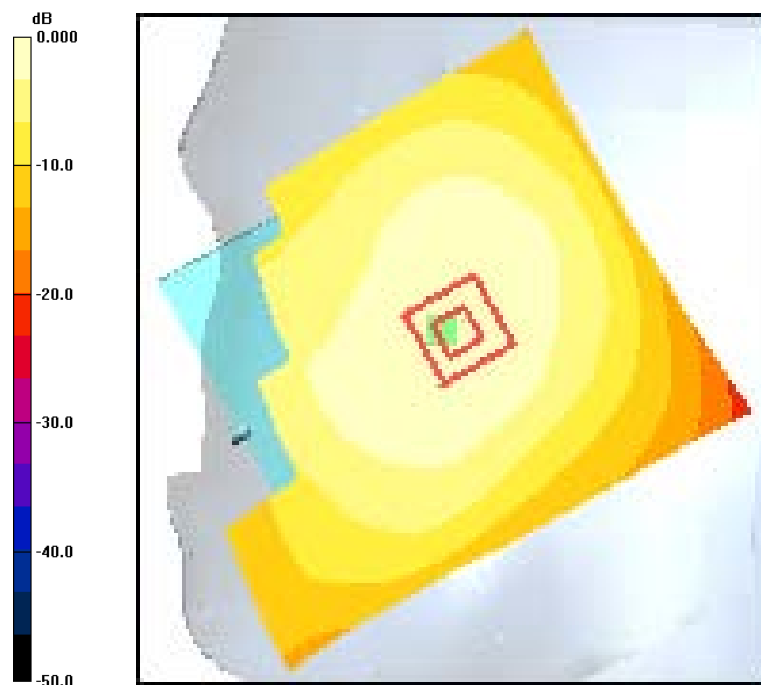
**CDMA-800 Ch684 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.239mW/g



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## CELL-BC0

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/15/2011

**FCC C5120\_CELL Ch. 777 Left Cheek, Closed**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.356 mW/g

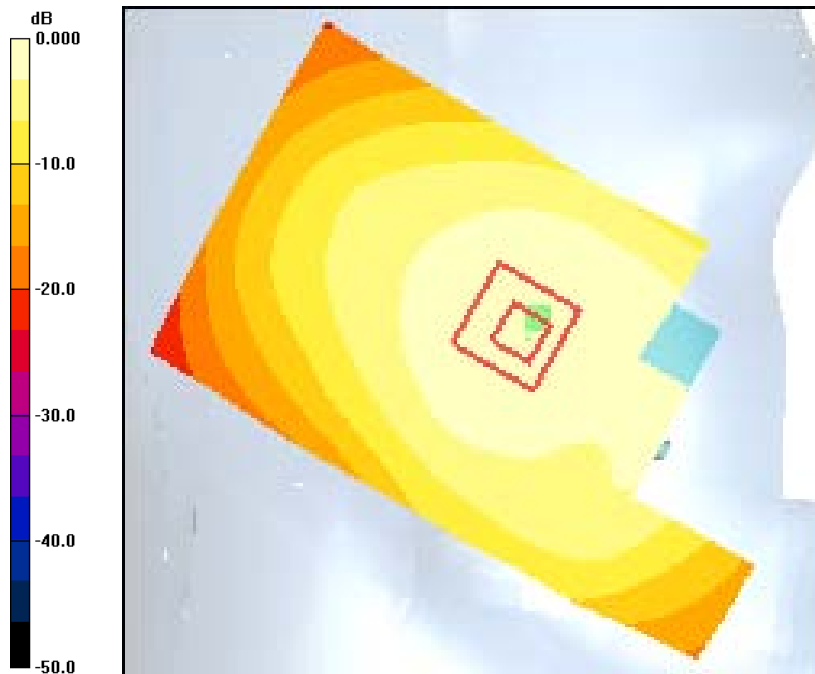
**CDMA-800 Ch777 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.66 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.457 W/kg

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.241 mW/g**

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.356mW/g

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Test Laboratory: Comptest/Kyocera

Date: 06/15/2011

**FCC C5120\_CELL Ch. 777 Left Tilt, Closed**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.174 mW/g

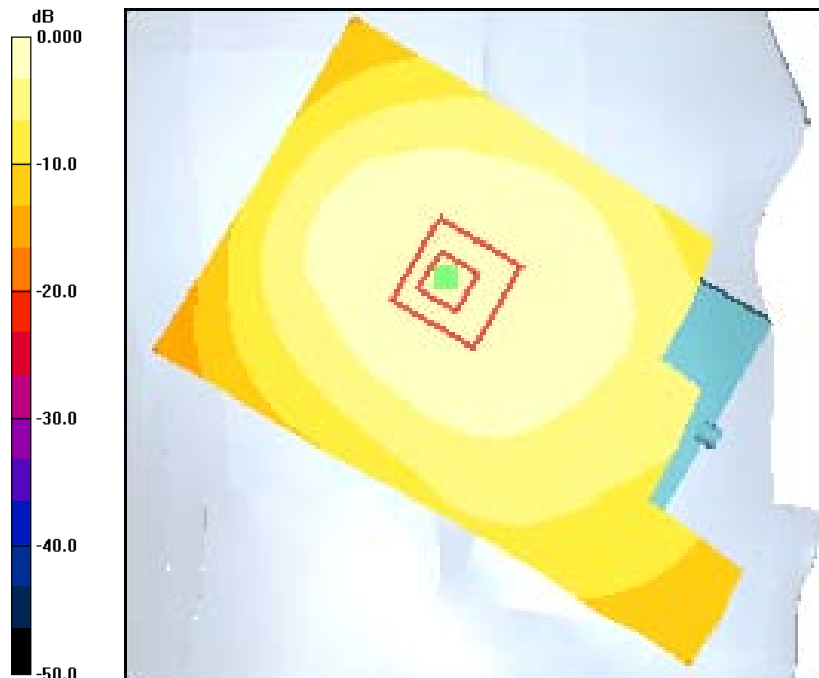
**CDMA-800 Ch777 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.198 W/kg

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.174mW/g



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**FCC C5120\_CELL Ch. 777 Right Cheek, Closed**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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) = 0.491 mW/g

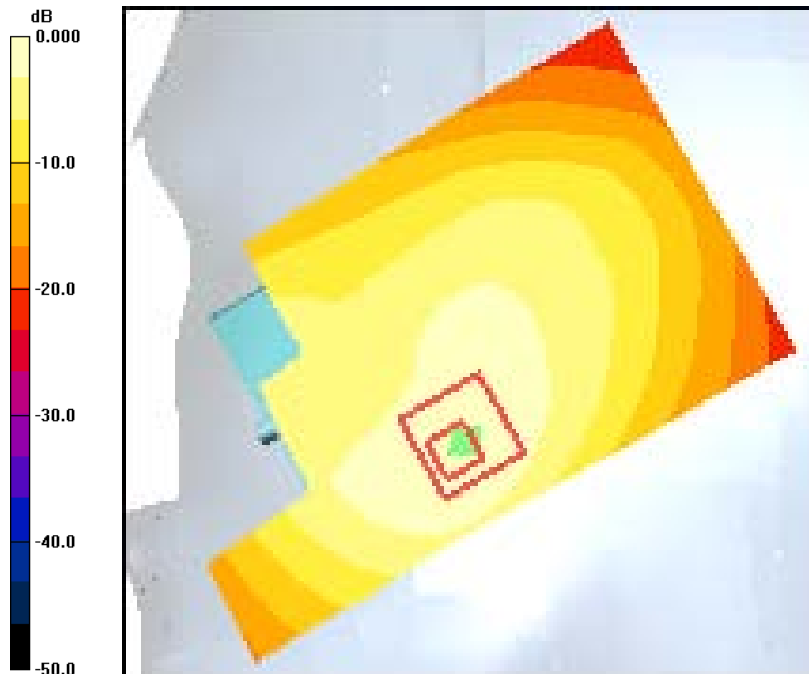
**CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.59 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.658 W/kg

**SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.273 mW/g**

Maximum value of SAR (measured) = 0.477 mW/g



0 dB = 0.477mW/g

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**FCC C5120\_CELL Ch. 777 Right Tilt, Closed**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 RT/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.176 mW/g

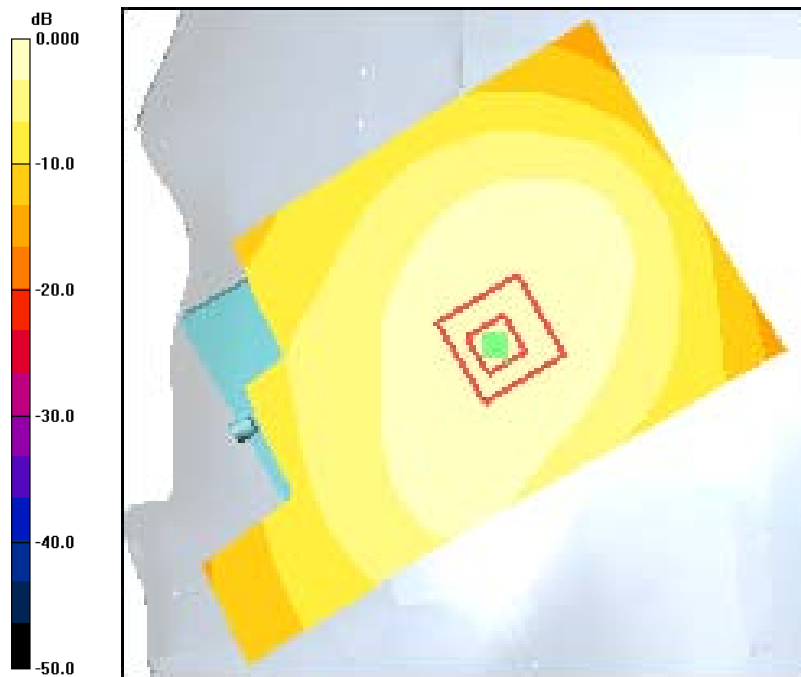
**CDMA-800 Ch777 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.125 mW/g**

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



0 dB = 0.179mW/g

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**FCC C5120\_CELL Ch. 777 Left Cheek, Open**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

**CDMA-800 Ch777 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.562 mW/g

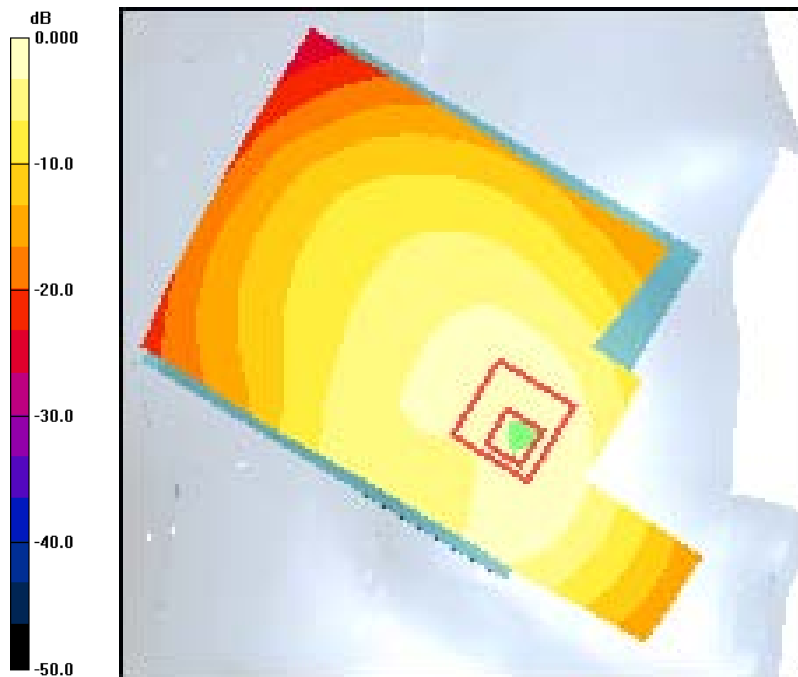
**CDMA-800 Ch777 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.83 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.833 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 0.557 mW/g



0 dB = 0.557mW/g



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

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

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



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/15/2011

**FCC C5120\_CELL Ch. 777 Left Tilt, Open**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

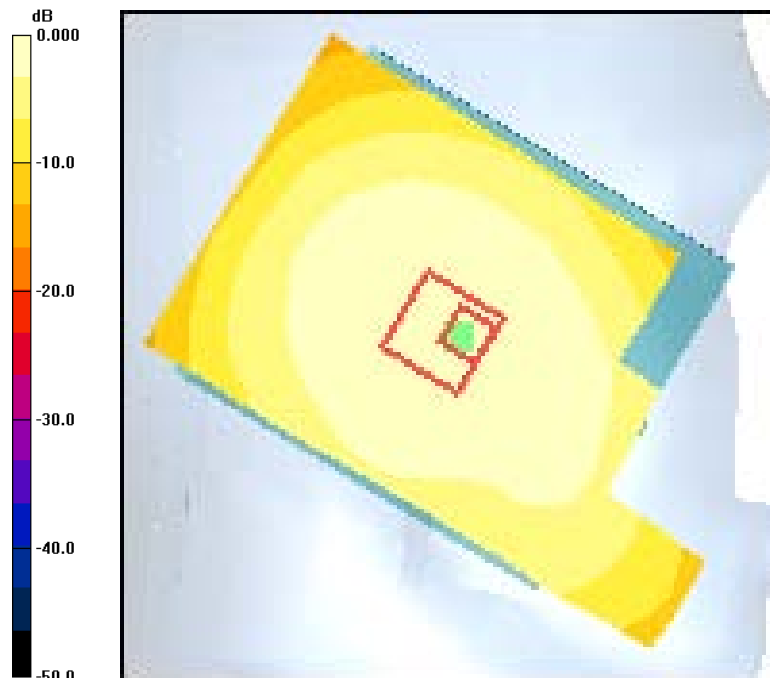
**CDMA-800 Ch777 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.37 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.097 mW/g**

Maximum value of SAR (measured) = 0.131 mW/g



0 dB = 0.131mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/15/2011

**FCC C5120\_CELL Ch. 777 Right Cheek, Open**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

**CDMA-800 Ch777 RC/Area Scan (111x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.312 mW/g

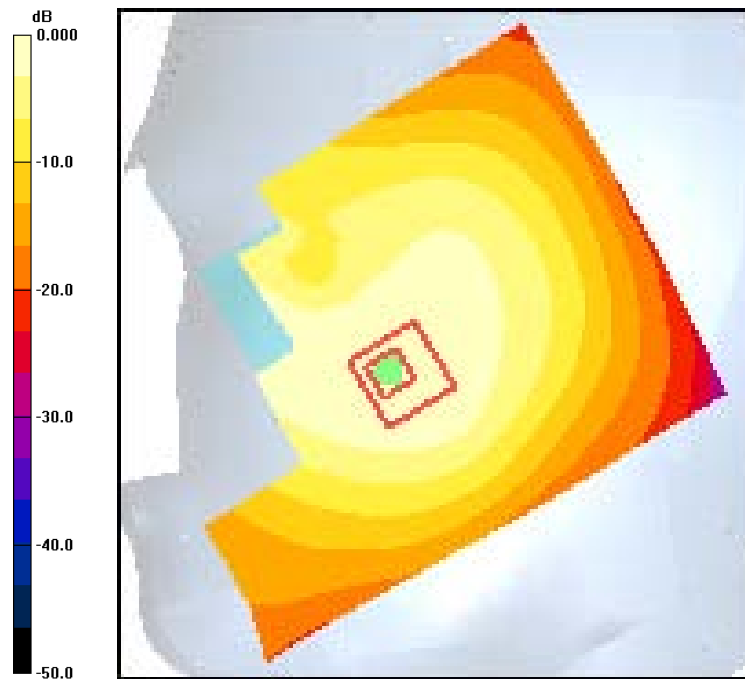
**CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.12 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/15/2011

**FCC C5120\_CELL Ch. 777 Right Tilt, Open**

Communication System: Cell BC 0&10 , Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011

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 RT/Area Scan (111x81x1):** Measurement grid: dx=15mm, dy=15mm

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

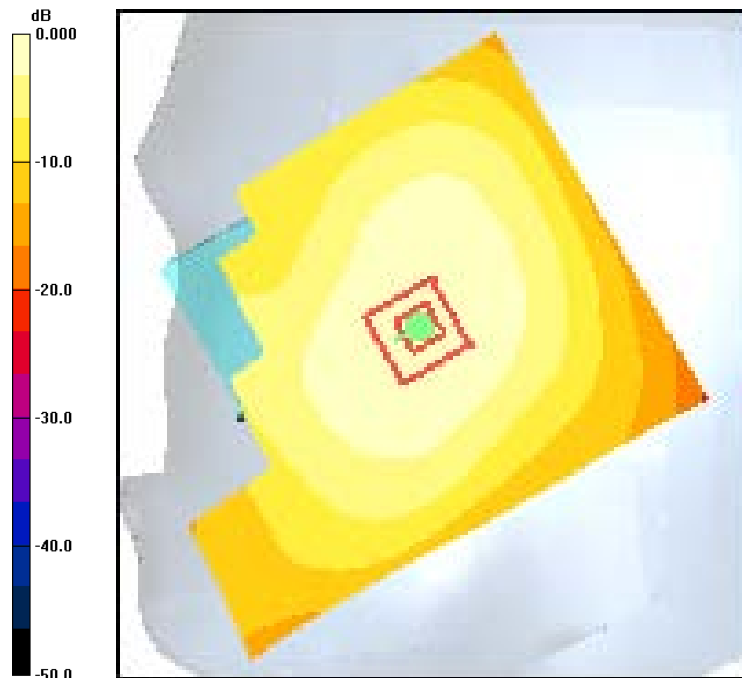
**CDMA-800 Ch777 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.100 mW/g**

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



0 dB = 0.141mW/g



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

## PCS



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/14/2011

**FCC C5120\_PCS Ch. 600 Left Cheek, Closed**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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 (131x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.349 mW/g

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

Reference Value = 8.98 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.582 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.183 mW/g**

Maximum value of SAR (measured) = 0.369 mW/g

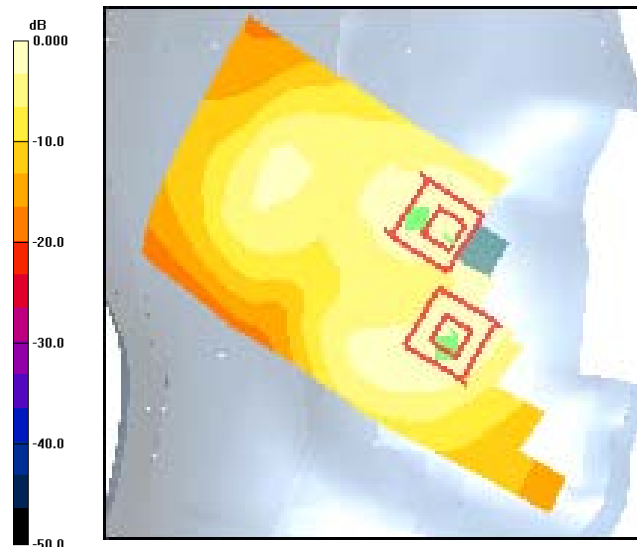
**CDMA-1900\_CH600 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.98 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.469 W/kg

**SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.186 mW/g**

Maximum value of SAR (measured) = 0.349 mW/g



0 dB = 0.349mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/14/2011

**FCC C5120\_PCS Ch. 600 Left Tilt, Closed**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

**CDMA-1900\_CH600 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

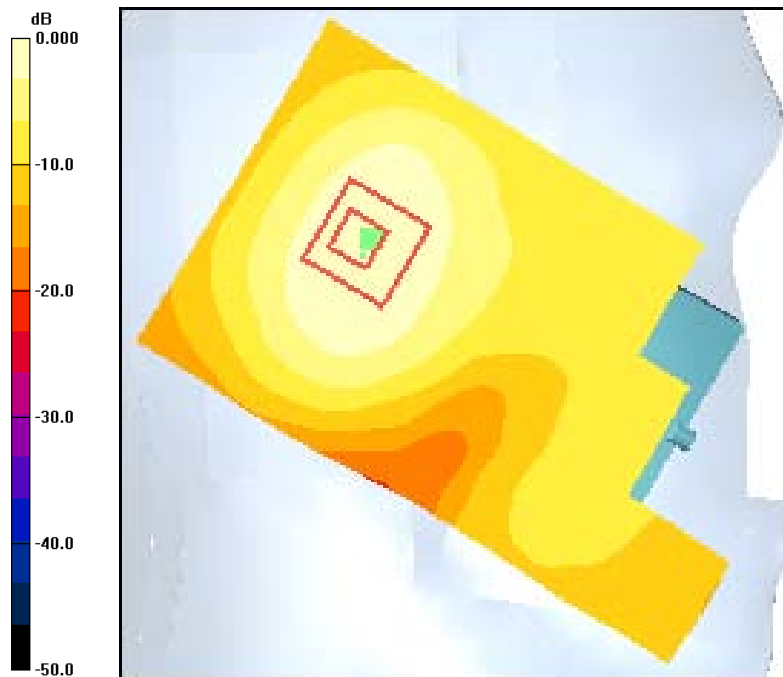
**CDMA-1900\_CH600 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.287 mW/g



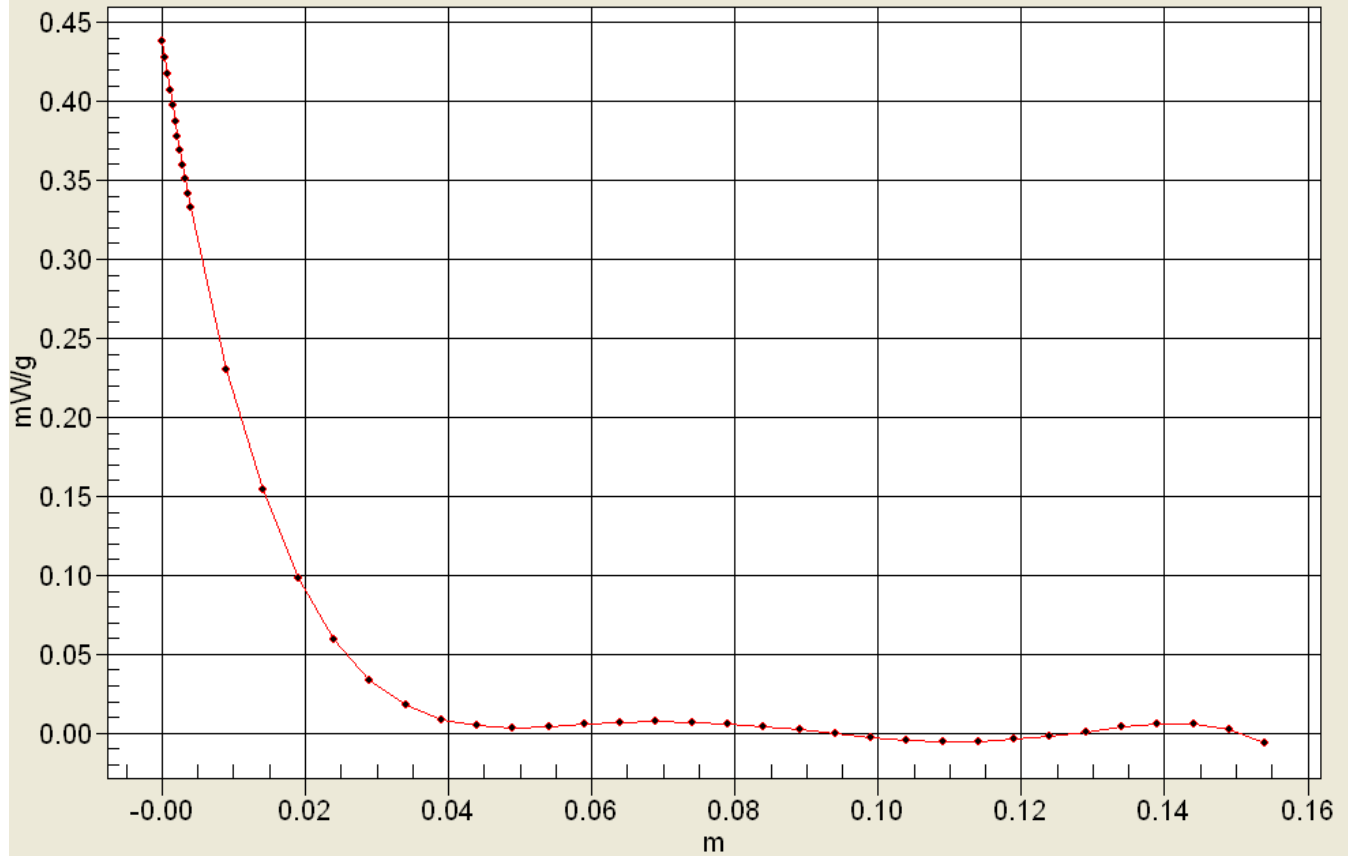
0 dB = 0.287mW/g



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

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

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



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/14/2011

**FCC C5120\_PCS Ch. 600 Right Cheek, Closed**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

**CDMA-1900 Ch600 RC/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.573 mW/g

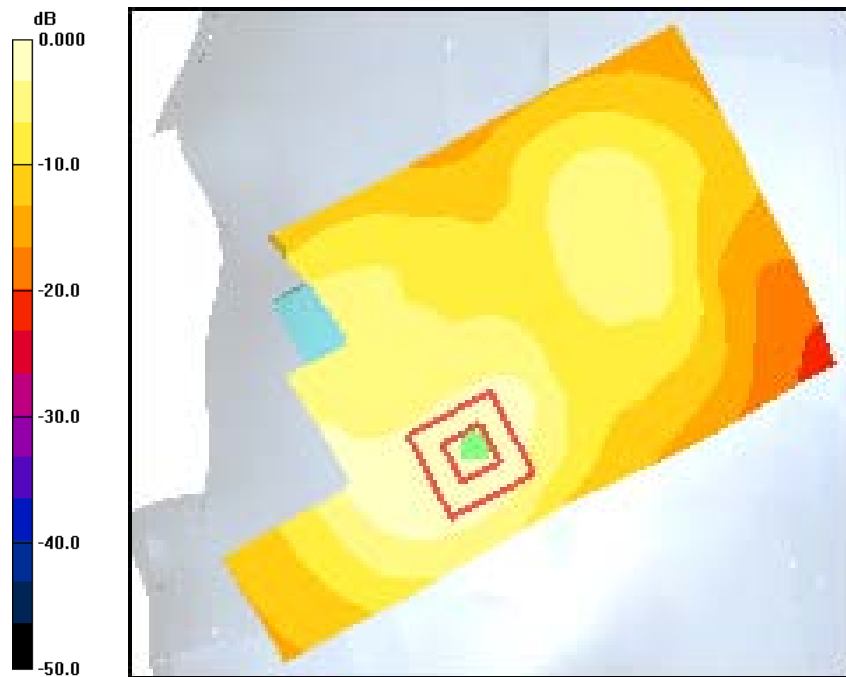
**CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.89 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.861 W/kg

**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 0.621 mW/g



0 dB = 0.621mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/14/2011

**FCC C5120\_PCS Ch. 600 Right Tilt, Closed**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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 RT/Area Scan (111x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.329 \text{ mW/g}$

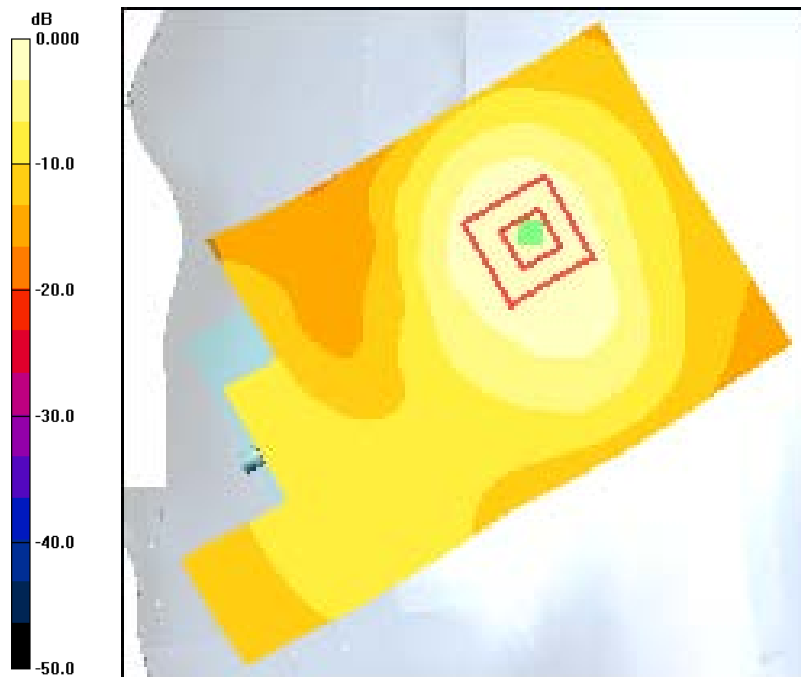
**CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.11 \text{ V/m}$ ; Power Drift =  $-0.022 \text{ dB}$

Peak SAR (extrapolated) =  $0.404 \text{ W/kg}$

**SAR(1 g) =  $0.285 \text{ mW/g}$ ; SAR(10 g) =  $0.180 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.312 \text{ mW/g}$



0 dB =  $0.312 \text{ mW/g}$

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/16/2011

**FCC C5120\_PCS Ch. 600 Left Cheek, Open**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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 LC/Area Scan (91x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.628 mW/g

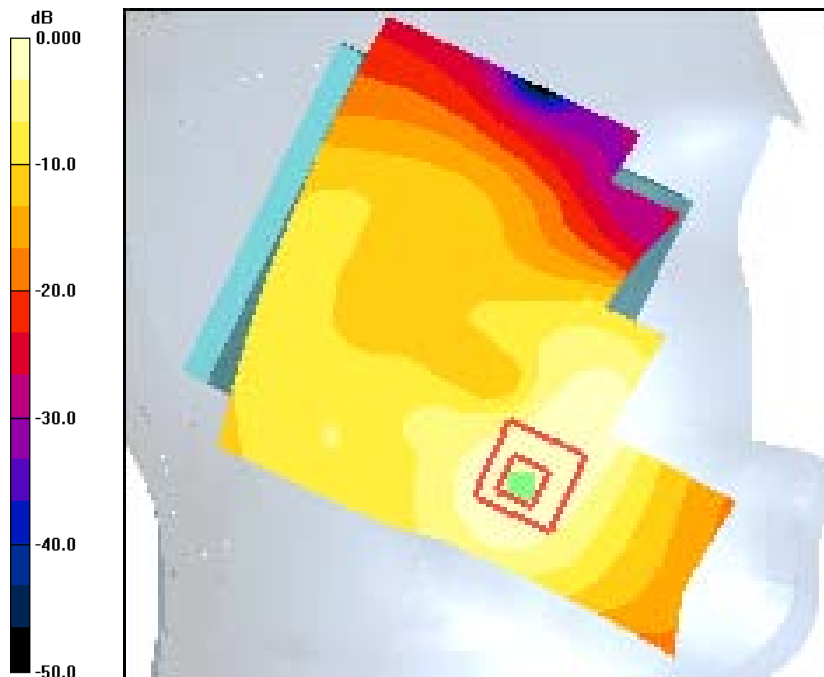
**CDMA-1900\_CH600 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.76 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.905 W/kg

**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.353 mW/g**

Maximum value of SAR (measured) = 0.612 mW/g



0 dB = 0.612mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/16/2011

**FCC C5120\_PCS Ch. 600 Left Tilt, Open**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

**CDMA-1900\_CH600 LT/Area Scan (91x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.109 mW/g

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

Reference Value = 6.25 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g

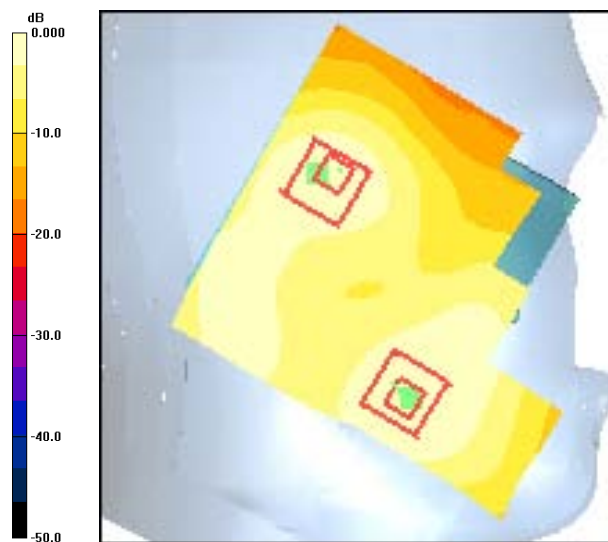
**CDMA-1900\_CH600 LT/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.25 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g



0 dB = 0.096mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/16/2011

**FCC C5120\_PCS Ch. 600 Right Cheek, Open**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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 (91x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.348 mW/g

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

Reference Value = 7.21 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.454 W/kg

**SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.337 mW/g

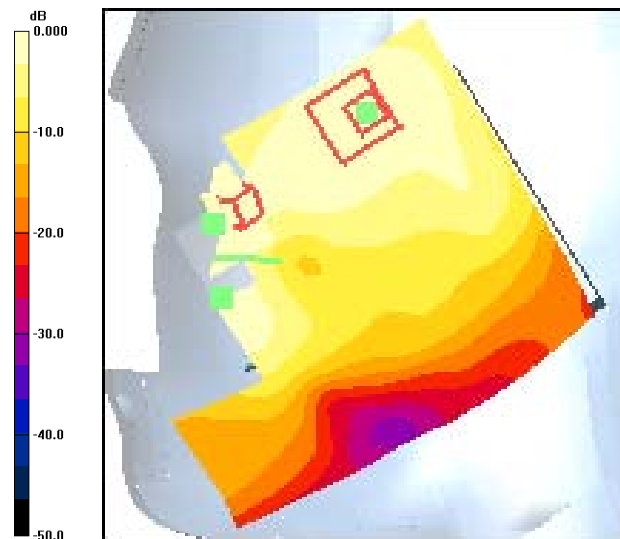
**CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.466 W/kg

**SAR(1 g) = 0.238 mW/g; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320mW/g



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/16/2011

**FCC C5120\_PCS Ch. 600 Right Tilt, Open**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3035, ConvF(5, 5, 5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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 (91x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

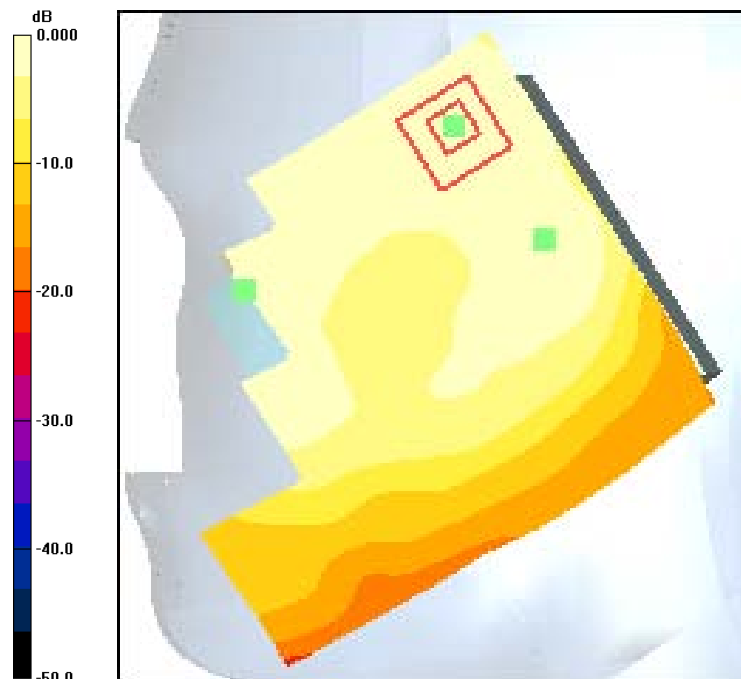
**CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.59 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.084 mW/g**

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



0 dB = 0.104mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

## WLAN

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/22/2011

**FCC C5120\_WLAN Ch. 1 Left Cheek, Closed**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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

**WLAN Ch1\_LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

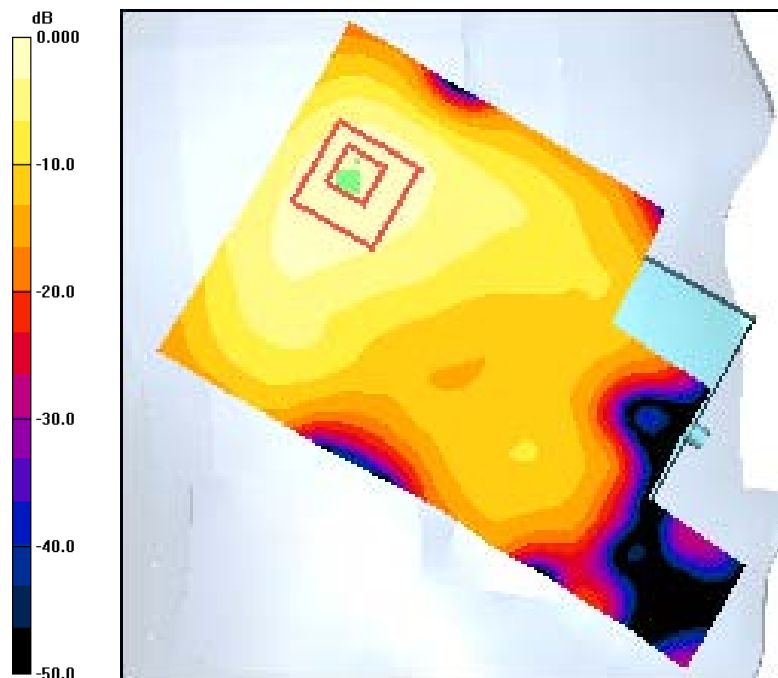
**WLAN Ch1\_LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.74 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/22/2011

**FCC C5120\_WLAN Ch. 1 Left Tilt, Closed**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

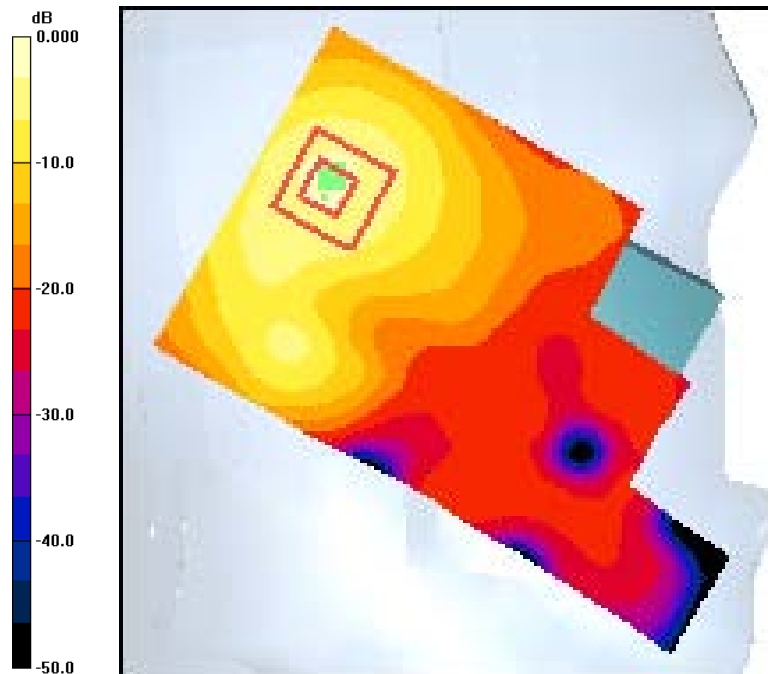
**Temperature:**

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

**WLAN\_Ch1 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.143 mW/g

**WLAN\_Ch1 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.47 V/m; Power Drift = 0.036 dB  
Peak SAR (extrapolated) = 0.519 W/kg

**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.066 mW/g**  
Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.248mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/22/2011

**FCC C5120\_WLAN Ch. 1 Right Cheek, Closed**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

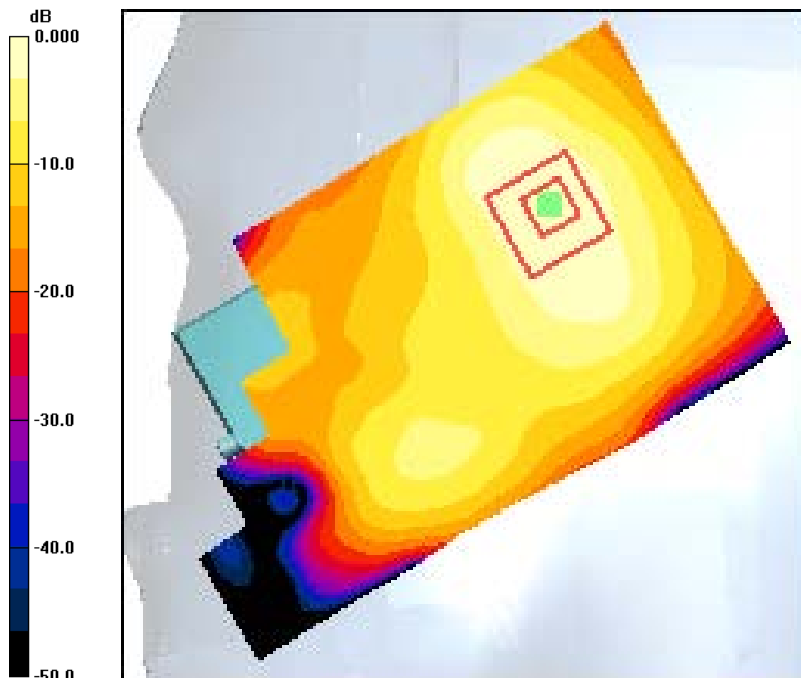
**Temperature:**

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

**WLAN Ch1 RC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.114 mW/g

**WLAN Ch1 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.17 V/m; Power Drift = -0.072 dB  
Peak SAR (extrapolated) = 0.179 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.047 mW/g**  
Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.104mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/22/2011

**FCC C5120\_WLAN Ch.1 Right Tilt, Closed**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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

**WLAN Ch1 RT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.126 mW/g

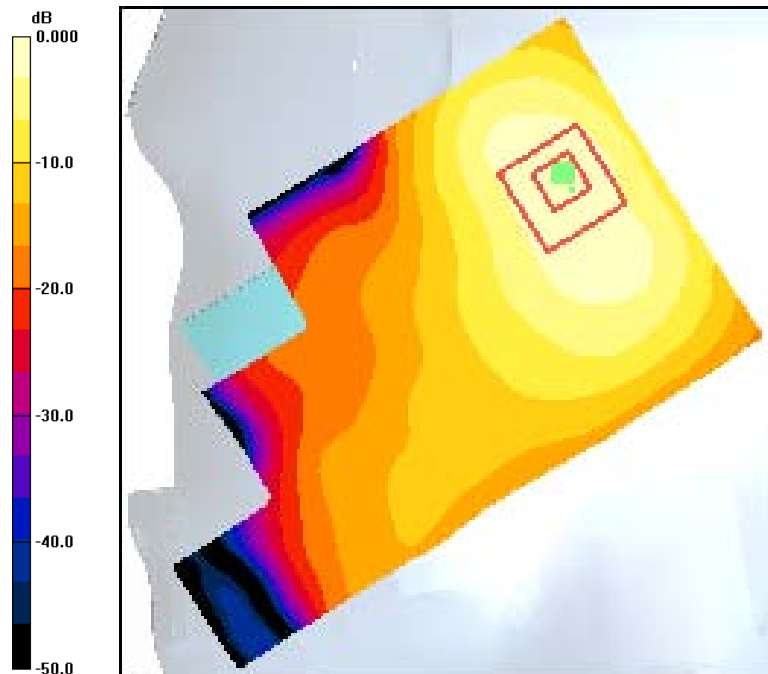
**WLAN Ch1 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129mW/g



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

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



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/24/2011

**FCC C5120\_WLAN Ch. 1 Left Cheek, Open**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

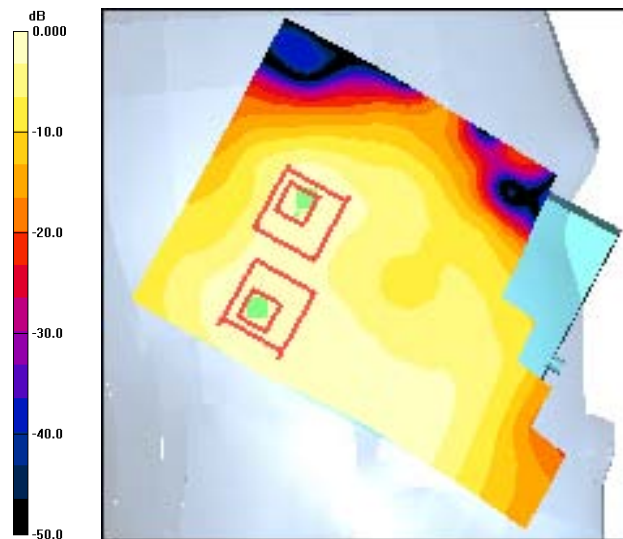
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**WLAN Ch1\_LC/Area Scan (101x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.067 mW/g

**WLAN Ch1\_LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.79 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.105 W/kg  
**SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.026 mW/g**  
Maximum value of SAR (measured) = 0.059 mW/g

**WLAN Ch1\_LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.79 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.095 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.025 mW/g**  
Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.053mW/g



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/24/2011

**FCC C5120\_WLAN Ch. 1 Left Tilt, Open**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

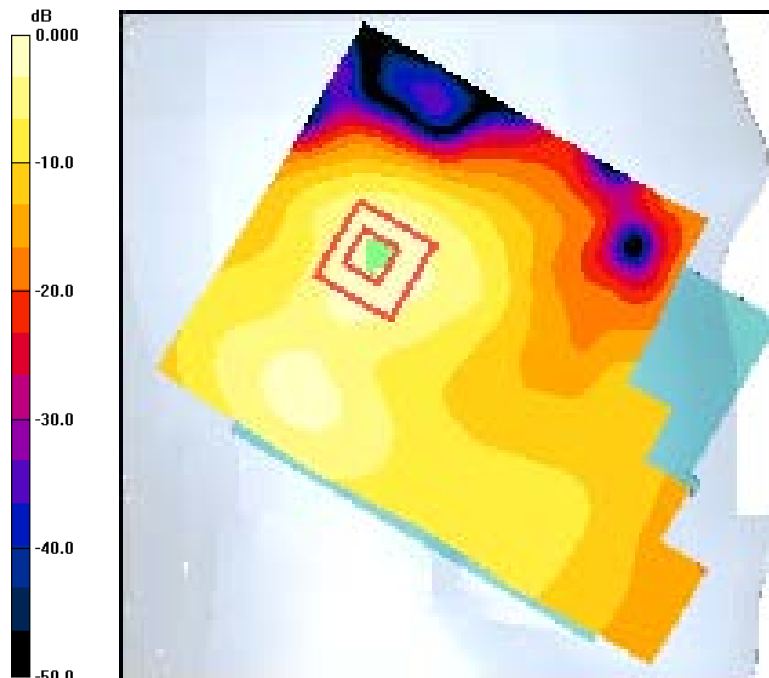
**Temperature:**

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

**WLAN\_Ch1 LT/Area Scan (101x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.087 mW/g

**WLAN\_Ch1 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.26 V/m; Power Drift = 0.129 dB  
Peak SAR (extrapolated) = 0.138 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.034 mW/g**  
Maximum value of SAR (measured) = 0.078 mW/g



0 dB = 0.078mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/22/2011

**FCC C5120 WIFI Right Ch. 1 RC, Open**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

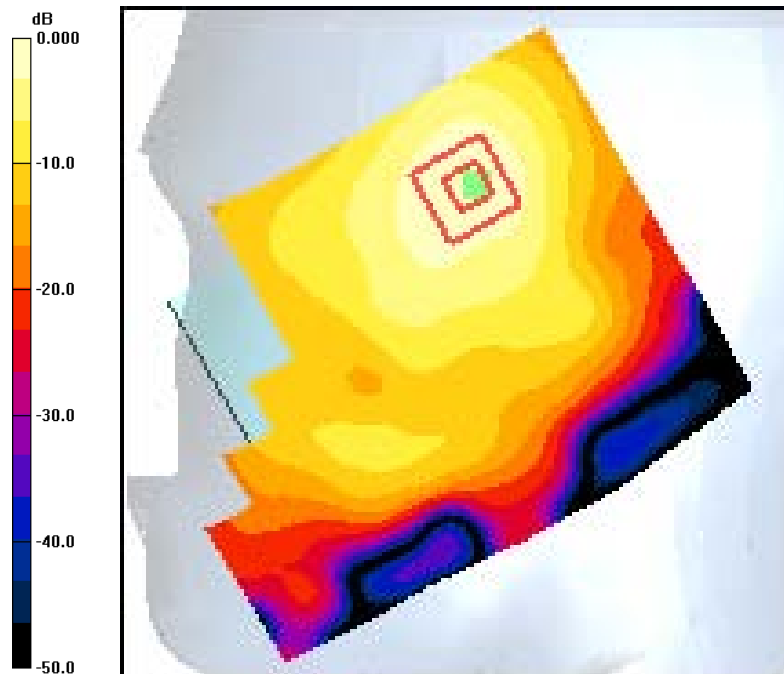
**Temperature:**

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

**WLAN Ch1 RC/Area Scan (101x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.176 mW/g

**WLAN Ch1 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.91 V/m; Power Drift = 0.153 dB  
Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.084 mW/g**  
Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.173mW/g

Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT- C5120-9B1-0611-R0

Test Laboratory: Comptest/Kyocera

Date: 06/22/2011

**FCC C5120\_WLAN Ch.1 Right Tilt, Open**

Communication System: WLAN-2450, Frequency: 2412 MHz, Duty Cycle: 1:1

Medium: HSL2450, Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.44, 4.44, 4.44), Calibrated: 5/11/2011

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

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

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

**WLAN Ch1 RT/Area Scan (101x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 mW/g

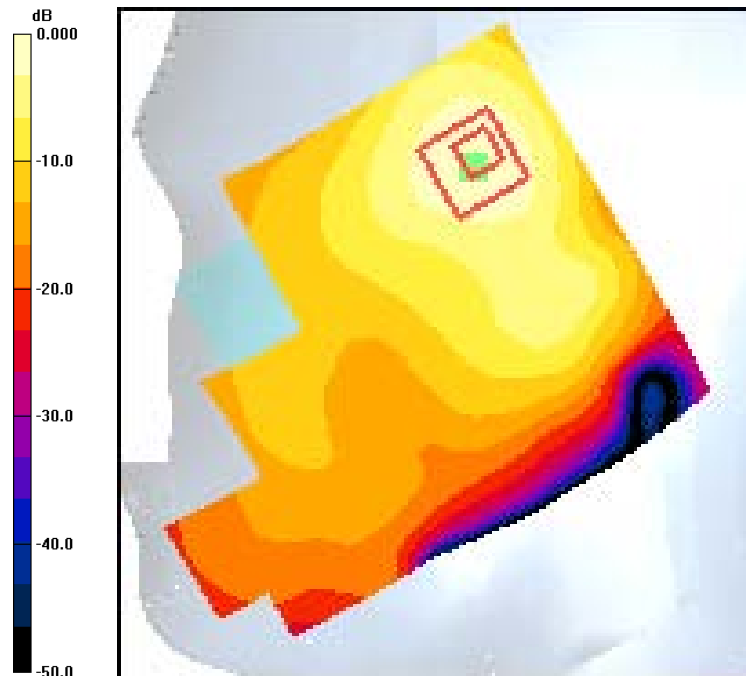
**WLAN Ch1 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.77 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145mW/g