



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

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

**CELL**

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/12/2011

**FCC K33BIC-06 CELL Left Ch. 1013 LC**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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-800 Ch1013 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

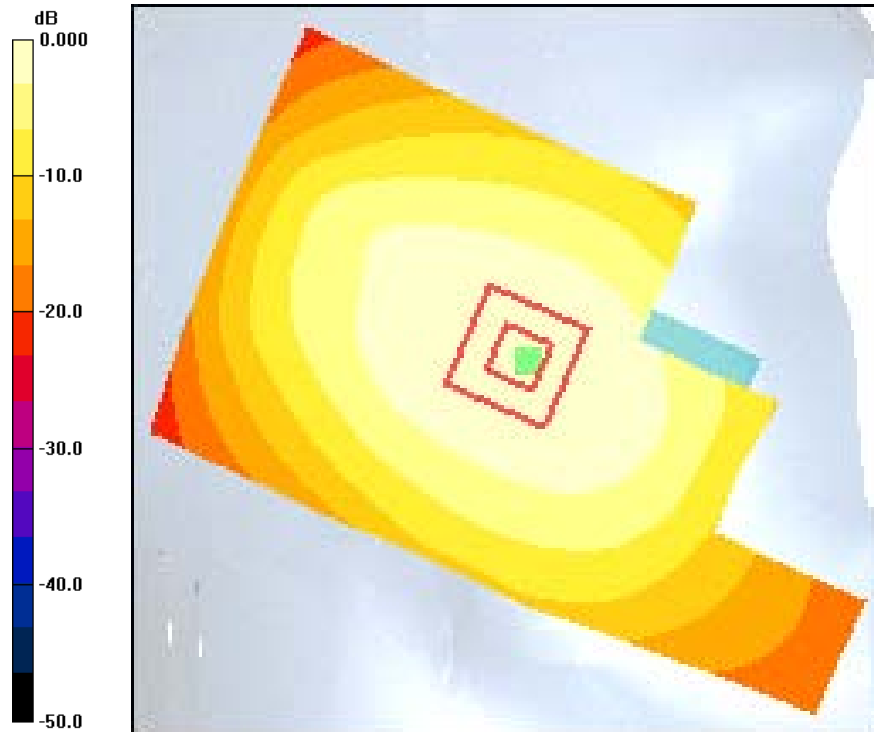
**CDMA-800 Ch1013 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.776 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

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Date: 01/12/2011

**FCC K33BIC-06 CELL Left Ch. 383 LC**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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-800 Ch383 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 mW/g

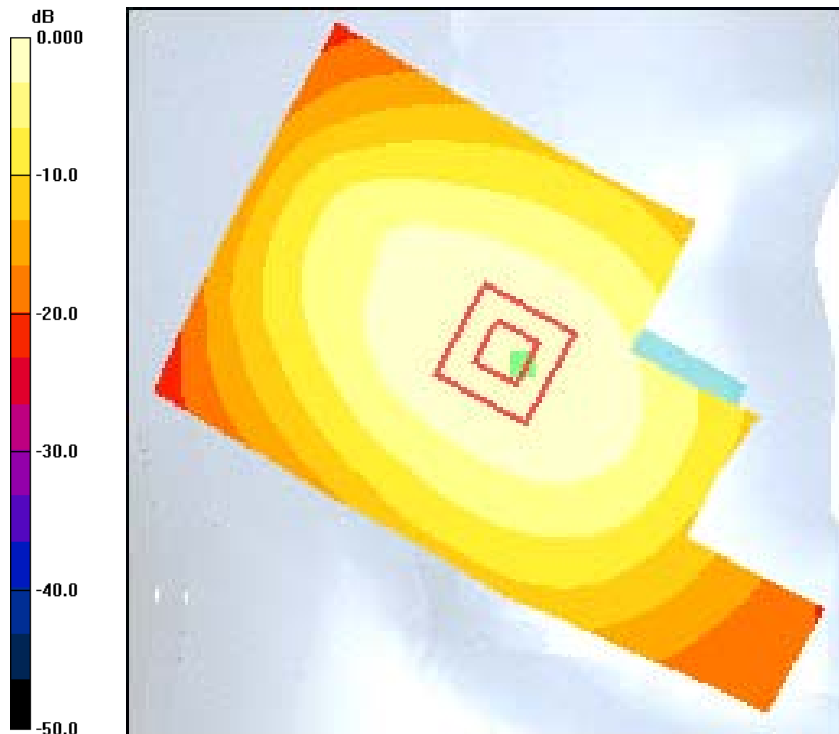
**CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.658 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g



0 dB = 0.978mW/g

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Date: 01/12/2011

**FCC K33BIC-06 CELL Left Ch. 777 LC**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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

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

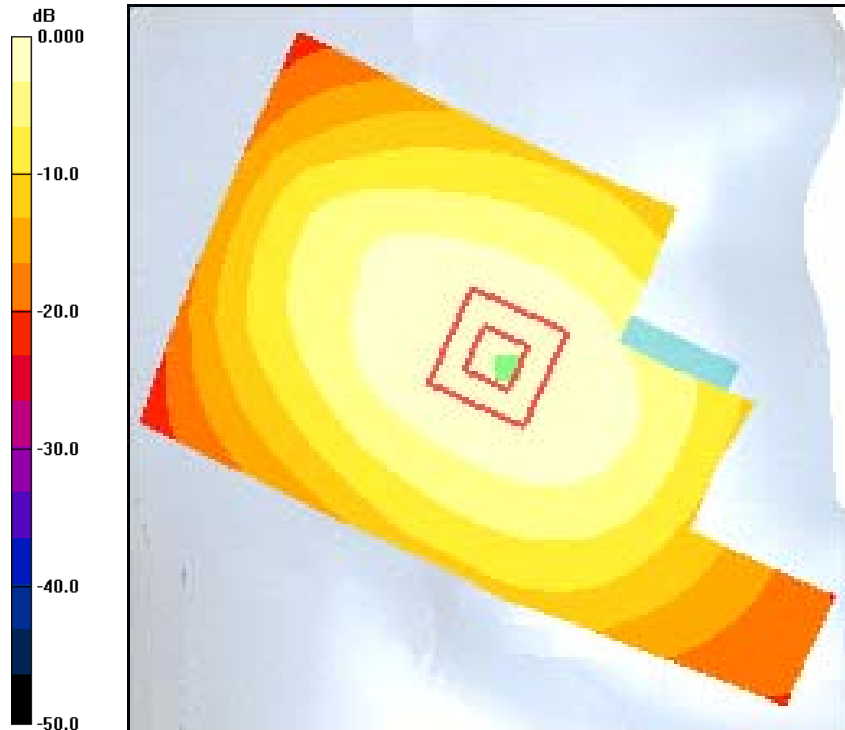
**CDMA-800 Ch777 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.679 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

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**FCC K33BIC-06 CELL Left Ch. 383 LT**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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-800 Ch383 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.530 mW/g

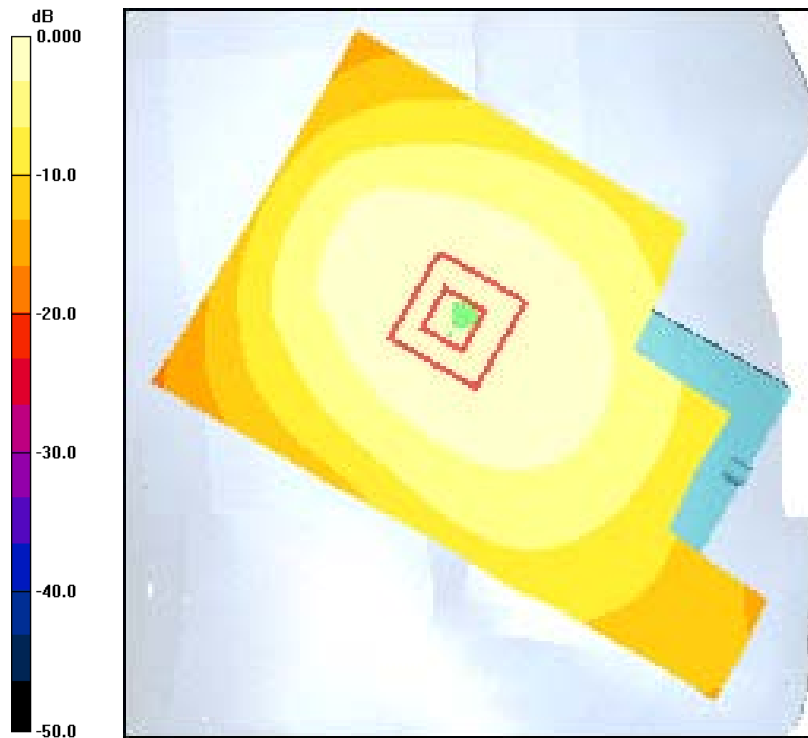
**CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.360 mW/g**

Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.525mW/g

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Date: 01/12/2011

**FCC K33BIC-06 CELL Right Ch. 1013 RC**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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-800 Ch1013 RC/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

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

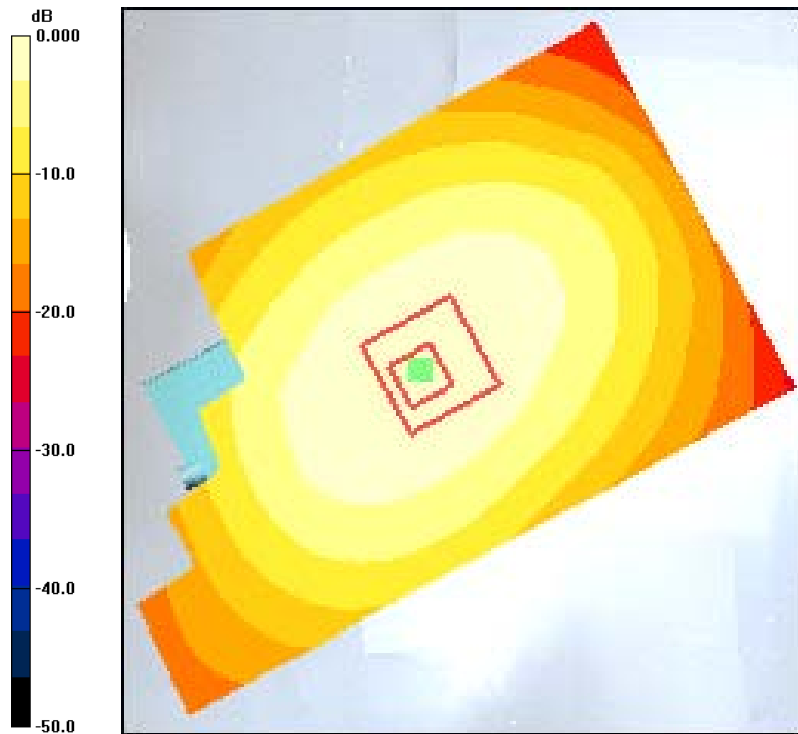
**CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.810 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

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Date: 01/12/2011

**FCC K33BIC-06 CELL Right Ch. 383 RC**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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

Maximum value of SAR (interpolated) = 1.09 mW/g

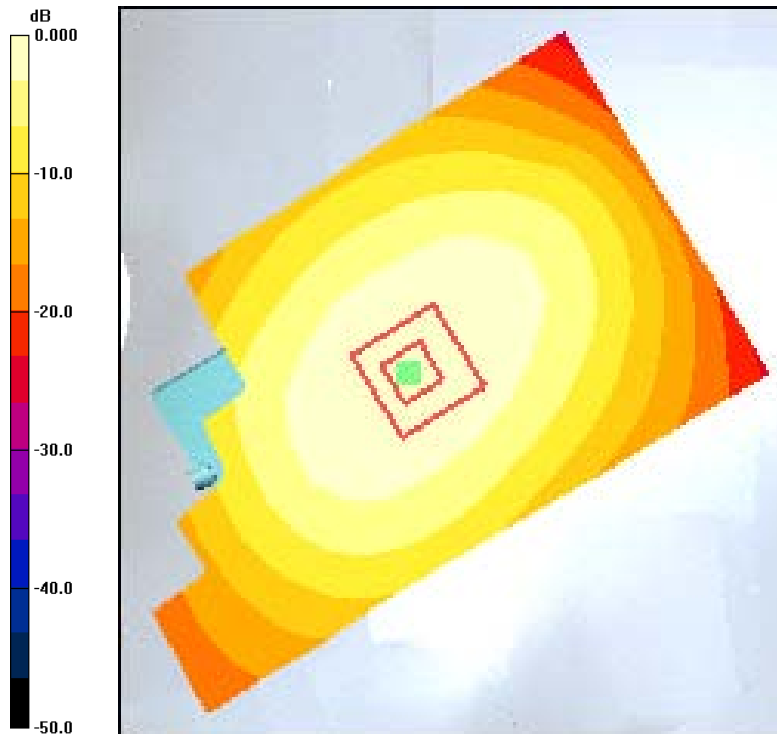
**CDMA-800 Ch383 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.725 mW/g**

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



0 dB = 1.08mW/g

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**FCC K33BIC-06 CELL Right Ch. 777 RC**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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-800 Ch777 RC/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

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

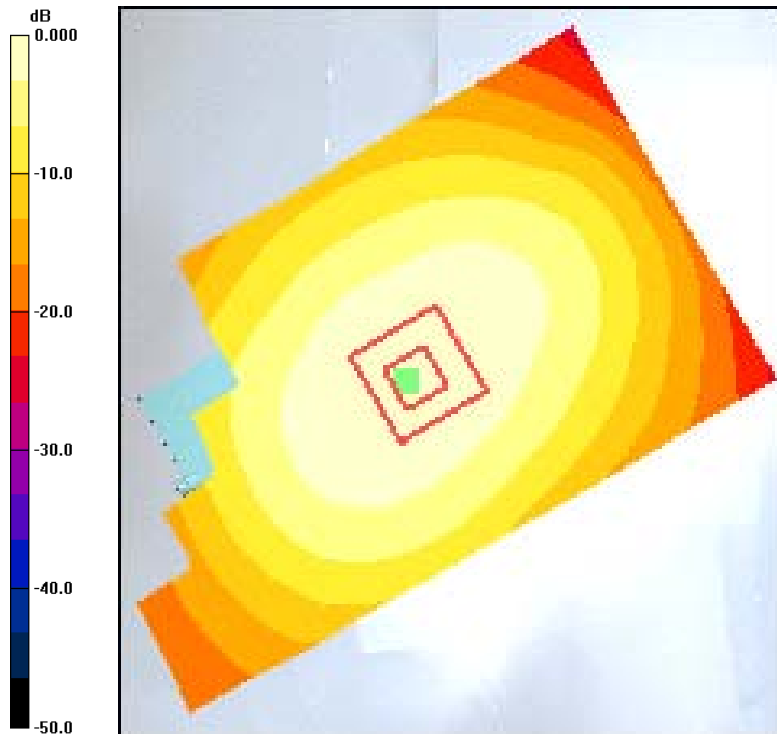
**CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.701 mW/g**

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



0 dB = 1.07mW/g



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Date: 01/12/2011

**FCC K33BIC-06 CELL Right Ch. 383 RT**

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;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  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: 4/23/2010

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-800 Ch383 RT/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.552 mW/g

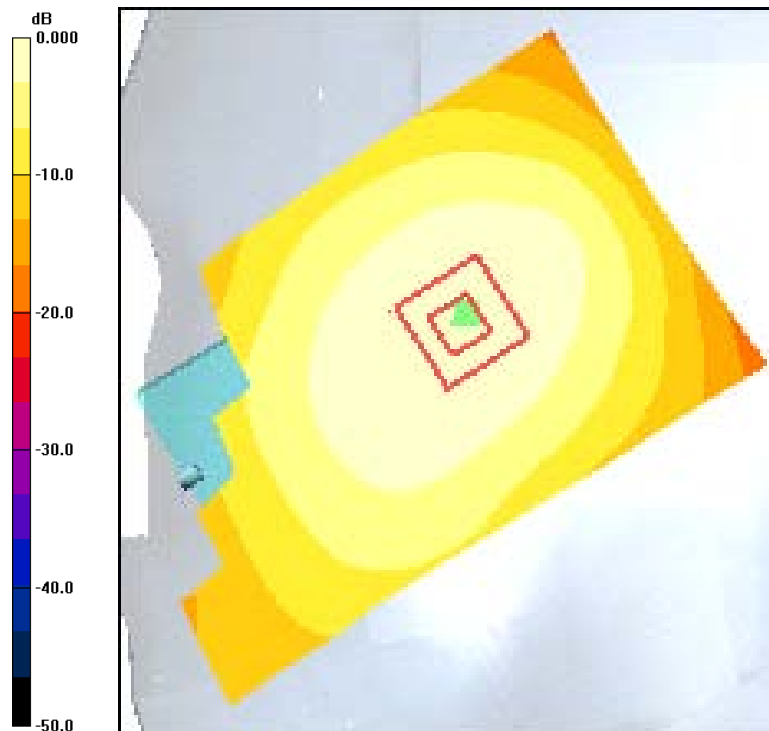
**CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.676 W/kg

**SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.381 mW/g**

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



0 dB = 0.557mW/g



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**AWS**

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Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/14/2011

**FCC K33BIC-06 AWS Left Ch. 450 LC**

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

Medium: HSL1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.97, 4.97, 4.97), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 Ch450 LC/Area Scan (91x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.788 mW/g

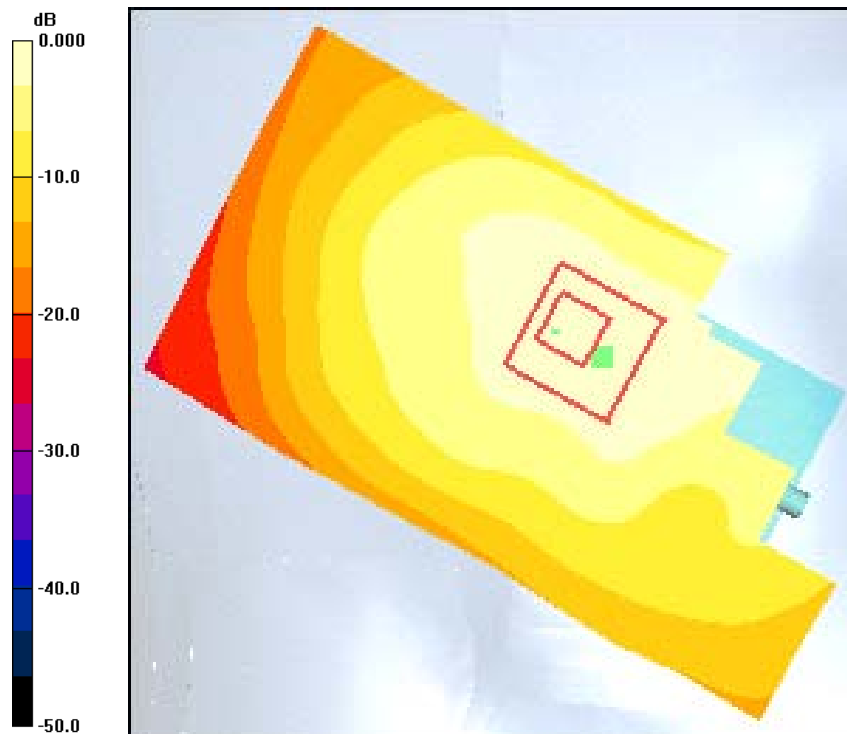
**CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.53 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.462 mW/g**

Maximum value of SAR (measured) = 0.835 mW/g



0 dB = 0.835mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/14/2011

**FCC K33BIC-06 AWS Left Ch. 450 LT**

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

Medium: HSL1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.97, 4.97, 4.97), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 Ch450 LT/Area Scan (91x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.488 mW/g

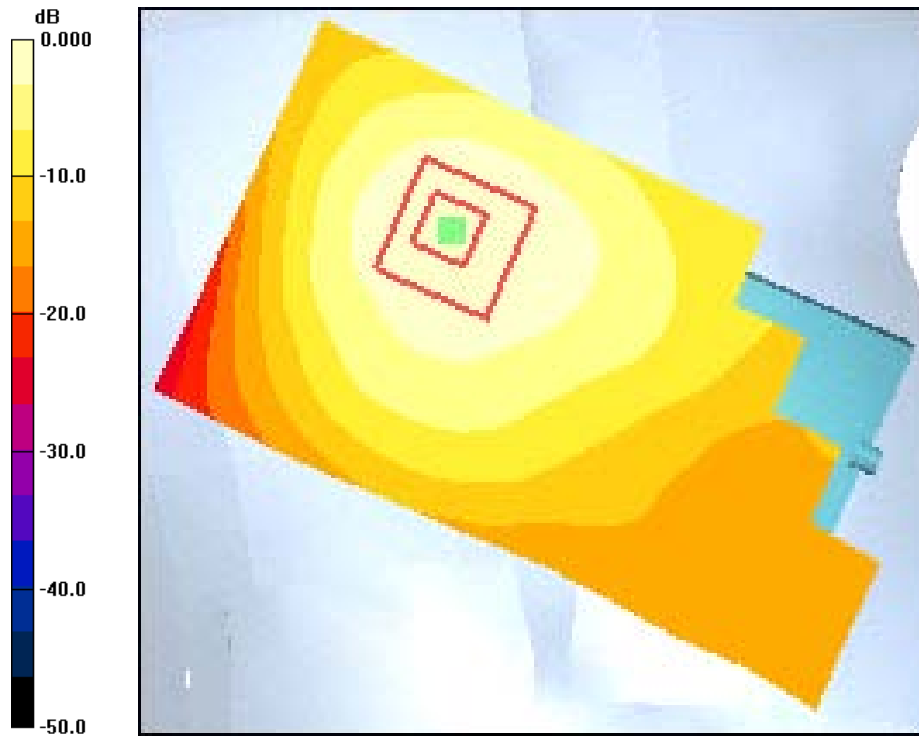
**CDMA-1700 Ch450 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.756 W/kg

**SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.284 mW/g**

Maximum value of SAR (measured) = 0.517 mW/g



0 dB = 0.517mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/14/2011

**FCC K33BIC-06 AWS Right Ch. 25 RC**

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

Medium: HSL1700, Medium parameters used (interpolated):  $f = 1711.25$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.97, 4.97, 4.97), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 Ch25 RC/Area Scan (91x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.960 mW/g

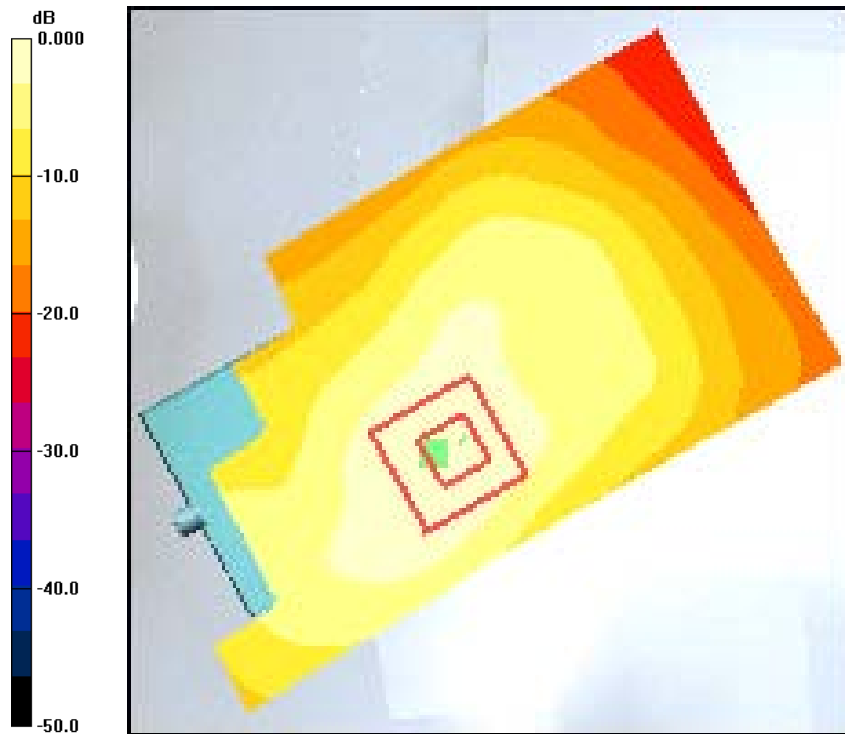
**CDMA-1700 Ch25 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.515 mW/g**

Maximum value of SAR (measured) = 0.926 mW/g



0 dB = 0.926mW/g

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**FCC K33BIC-06 AWS Right Ch. 450 RC**

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

Medium: HSL1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.97, 4.97, 4.97), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 Ch450 RC/Area Scan (91x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

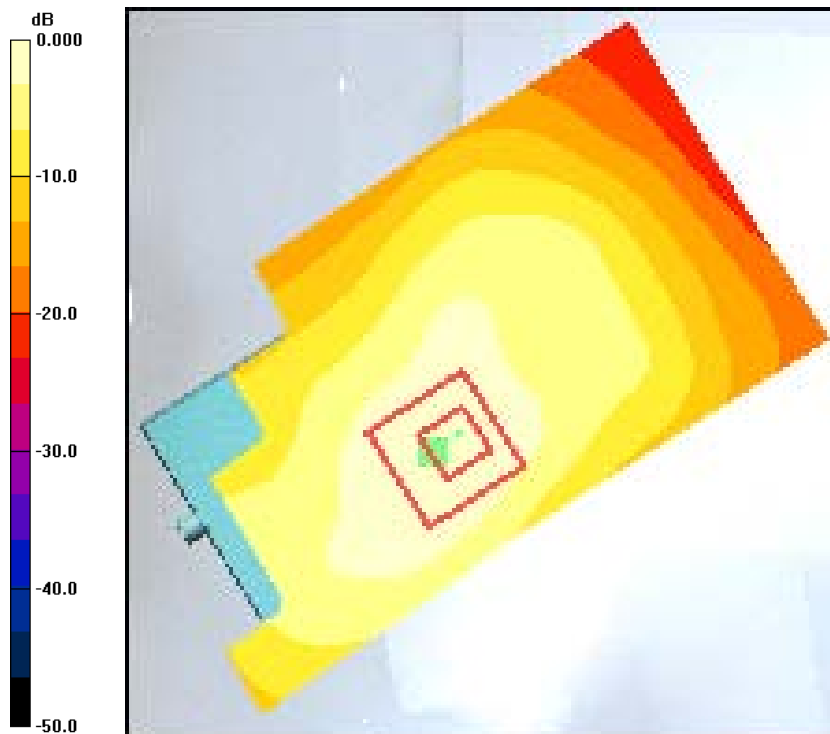
**CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.698 mW/g**

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



0 dB = 1.25mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/14/2011

**FCC K33BIC-06 AWS Right Ch. 875 RC**

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

Medium: HSL1700, Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.97, 4.97, 4.97), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 Ch875 RC/Area Scan (91x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

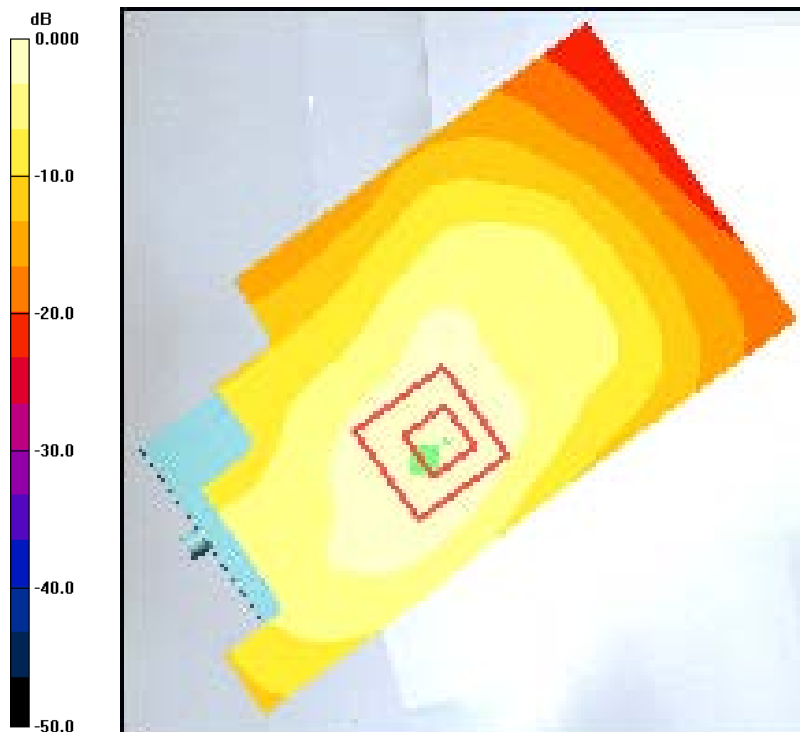
**CDMA-1700 Ch875 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.557 mW/g**

Maximum value of SAR (measured) = 0.976 mW/g



0 dB = 0.976mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/14/2011

**FCC K33BIC-06 AWS Right Ch. 450 RT**

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

Medium: HSL1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.97, 4.97, 4.97), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 Ch450 RT/Area Scan (111x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.512 mW/g

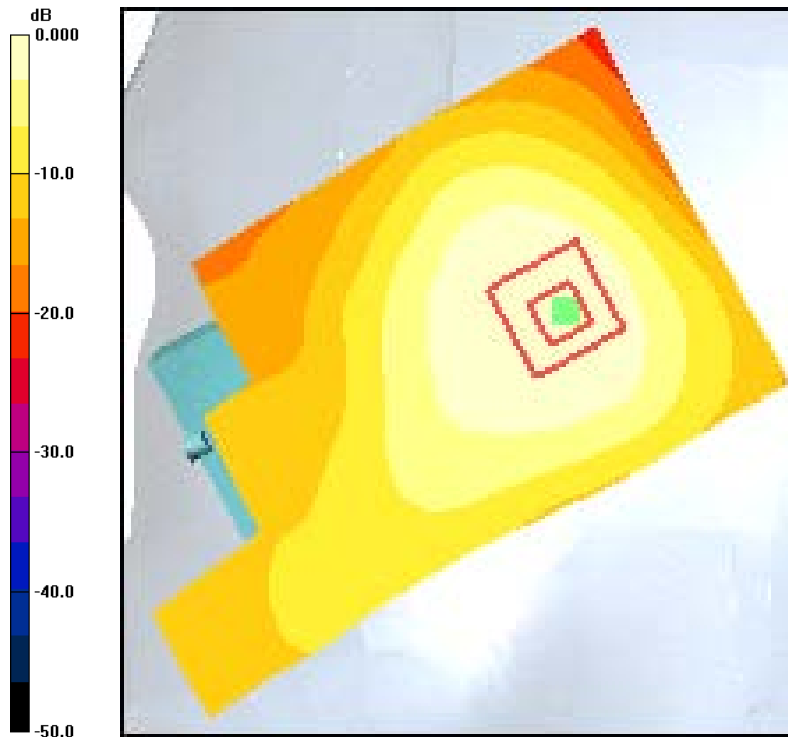
**CDMA-1700 Ch450 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.617 W/kg

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 0.448 mW/g



0 dB = 0.448mW/g





Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

PCS

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Left Ch. 25 LC**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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\_Ch25 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.880 mW/g

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

Reference Value = 11.7 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.503 mW/g**

Maximum value of SAR (measured) = 0.929 mW/g

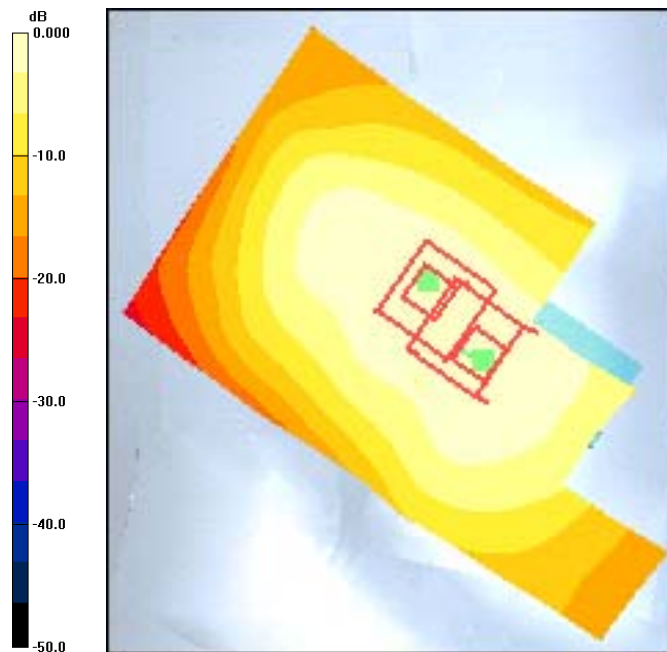
**CDMA-1900\_Ch25 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 0.863 mW/g



0 dB = 0.863mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Left Ch. 600 LC**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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

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

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

Reference Value = 10.7 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.593 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g

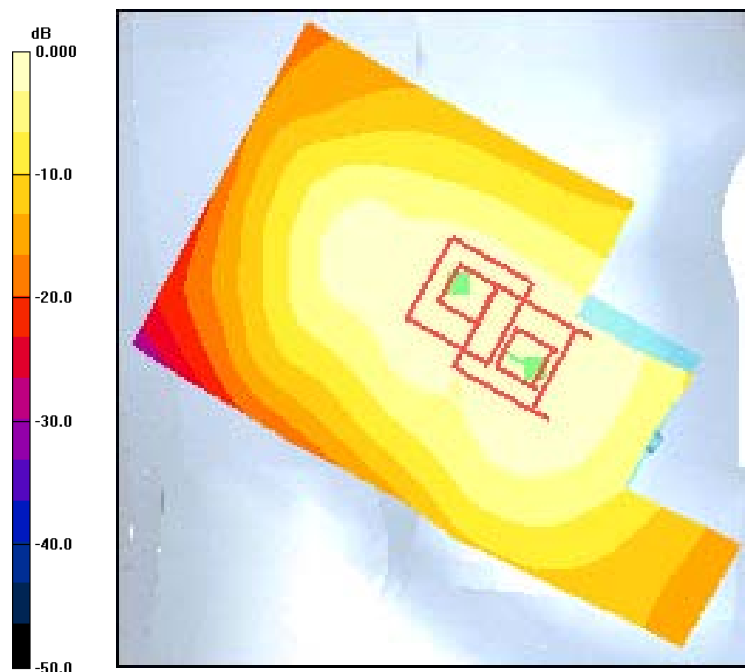
**CDMA-1900\_CH600 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.567 mW/g**

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



0 dB = 1.05mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Left Ch. 1175 LC**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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\_Ch 1175 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 mW/g

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

Reference Value = 11.7 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.583 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g

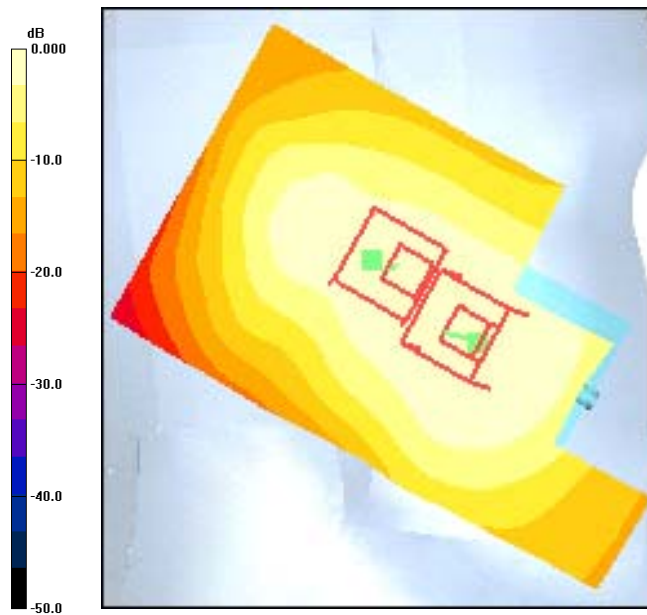
**CDMA-1900\_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.449 mW/g**

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



0 dB = 0.802mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Left Ch. 25 LT**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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\_Ch25 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

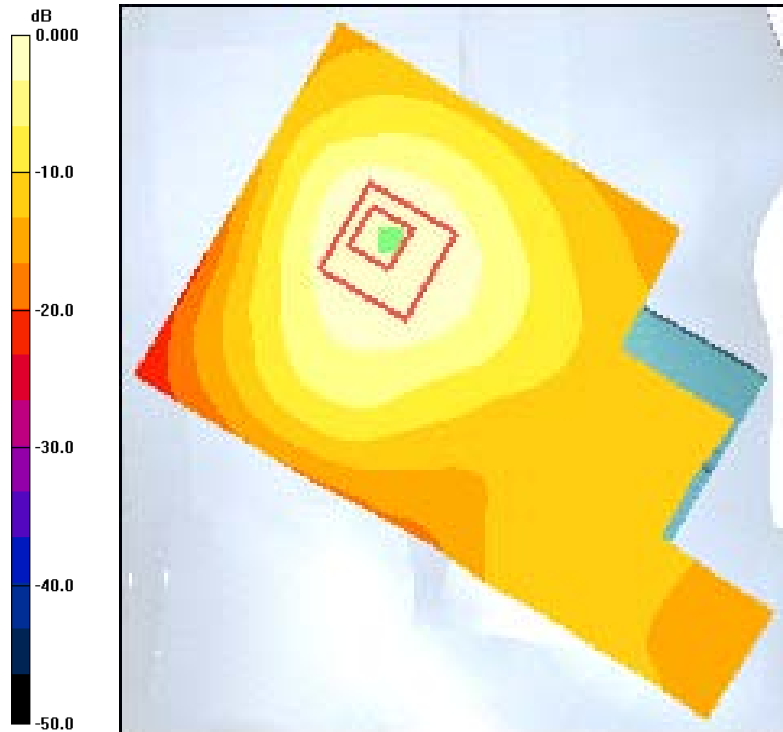
**CDMA-1900\_Ch25 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.524 mW/g**

Maximum value of SAR (measured) = 0.943 mW/g



0 dB = 0.943mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Left Ch. 600 LT**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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) = 1.19 mW/g

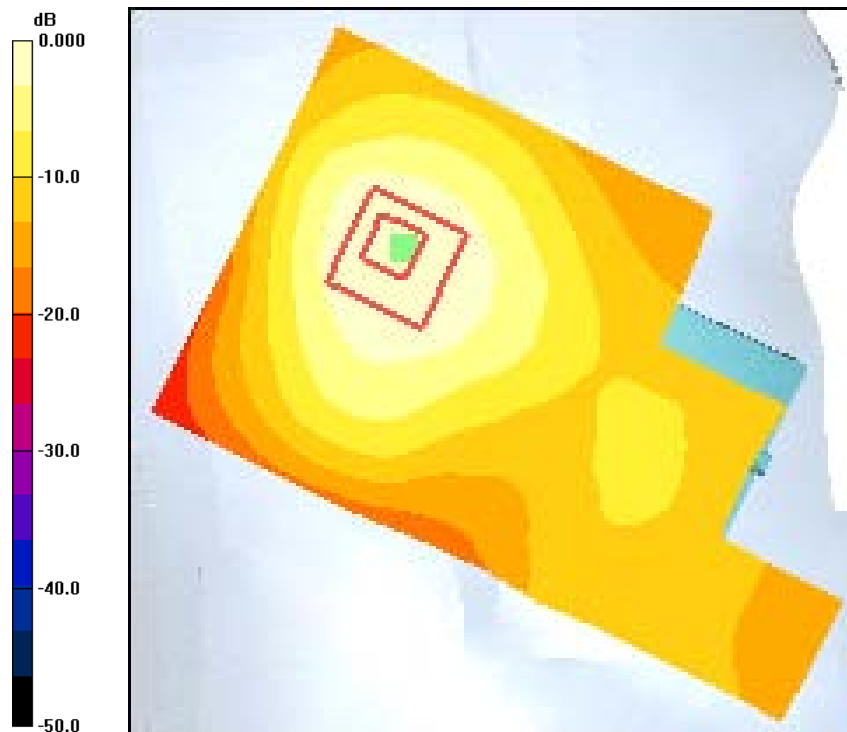
**CDMA-1900\_CH600 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.606 mW/g**

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



0 dB = 1.11mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Left Ch. 1175 LT**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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\_Ch 1175 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

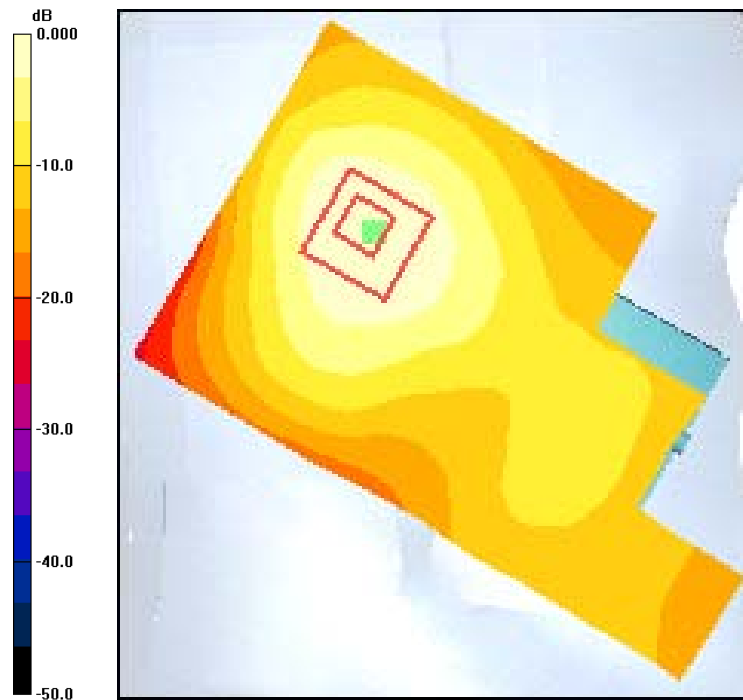
**CDMA-1900\_Ch 1175 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.518 mW/g**

Maximum value of SAR (measured) = 0.966 mW/g



0 dB = 0.966mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Right Ch. 25 RC**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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\_Ch25 RC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

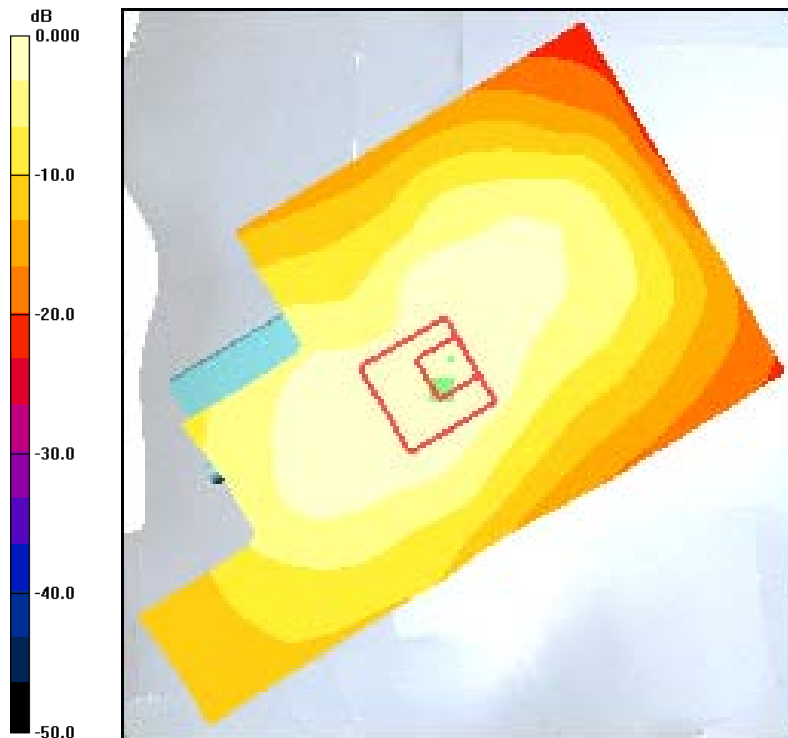
**CDMA-1900\_Ch25 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.693 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Right Ch. 600 RC**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn675, Calibrated: 4/21/2010

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 (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

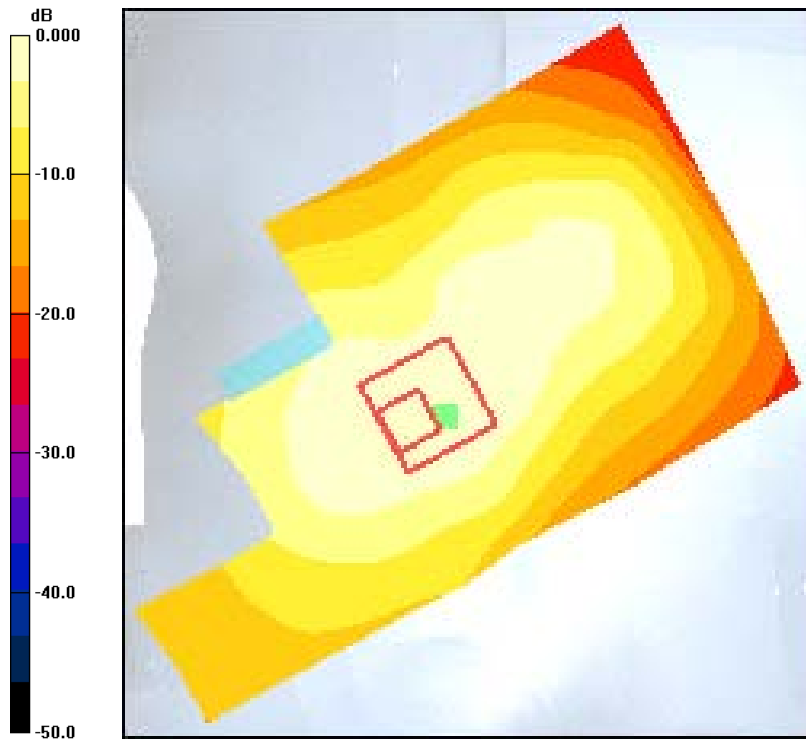
**CDMA-1900\_CH600 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.687 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Right Ch. 1175 RC**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  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 Sn675, Calibrated: 4/21/2010

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\_Ch 1175 RC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

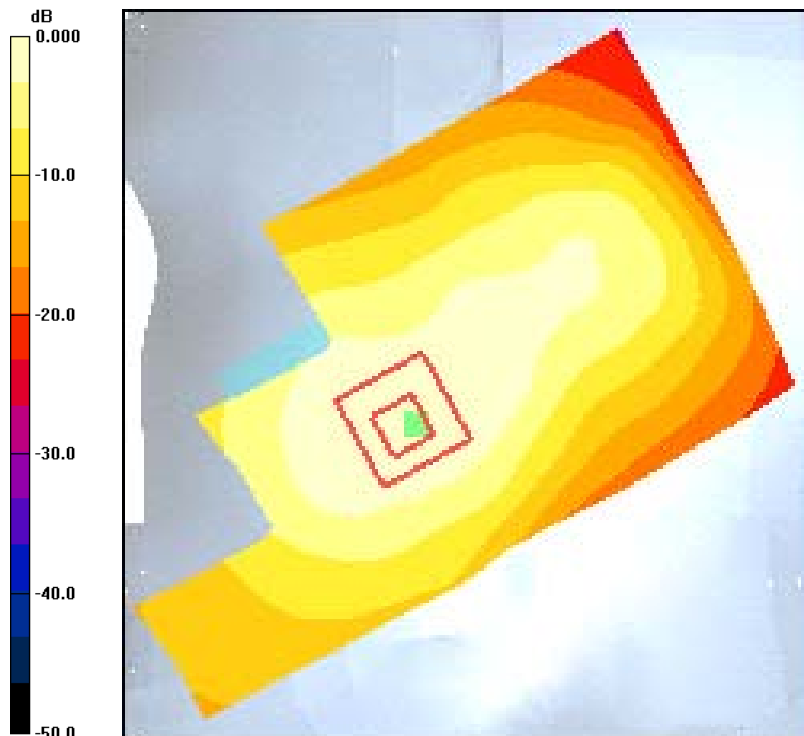
**CDMA-1900\_Ch 1175 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.667 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Right Ch. 25 RT**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  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 Sn675, Calibrated: 4/21/2010

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\_Ch25 RT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.716 mW/g

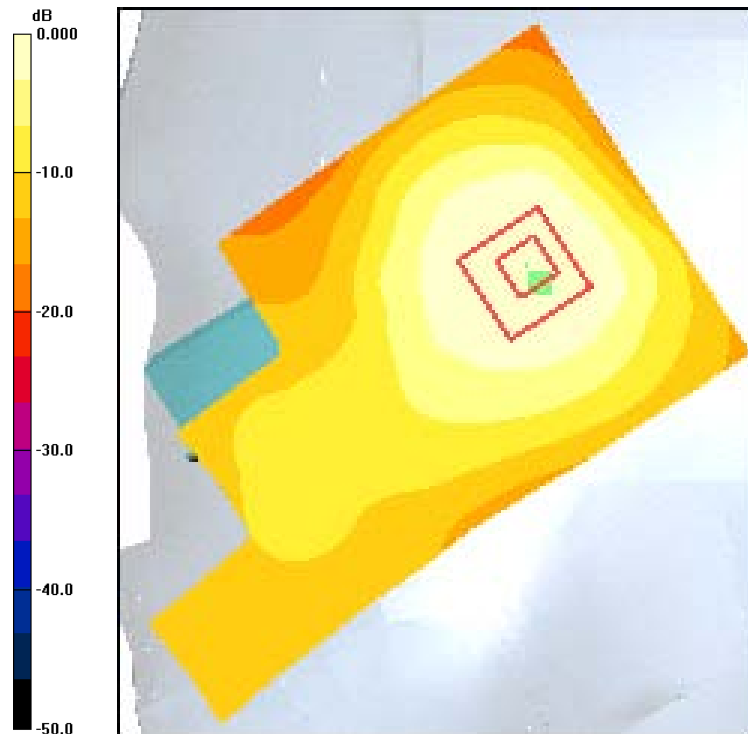
**CDMA-1900\_Ch25 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.903 W/kg

**SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.412 mW/g**

Maximum value of SAR (measured) = 0.675 mW/g



0 dB = 0.675mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Right Ch. 600 RT**

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

Medium: HSL1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  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 Sn675, Calibrated: 4/21/2010

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

Maximum value of SAR (interpolated) = 0.912 mW/g

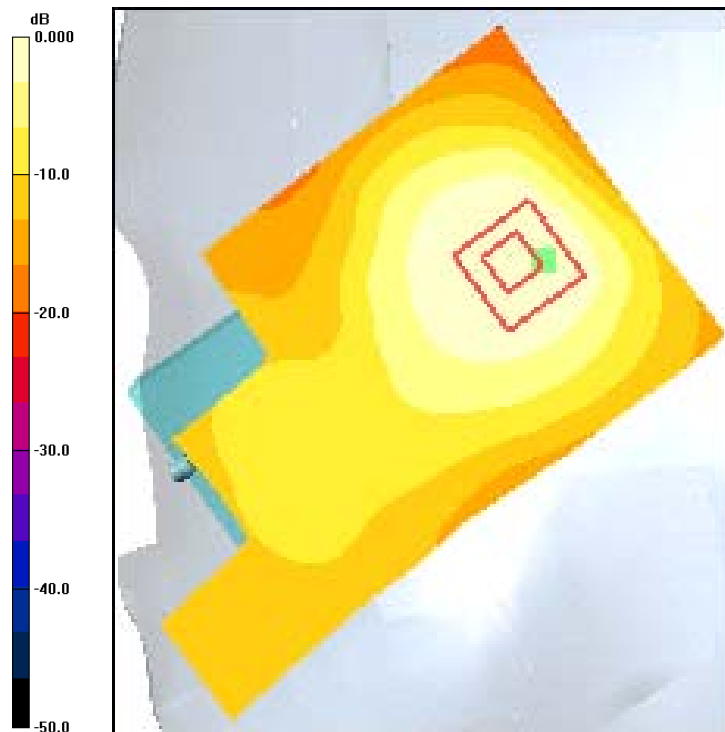
**CDMA-1900\_CH600 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.512 mW/g**

Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.868mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B1-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/13/2011

**FCC K33BIC-06 PCS Right Ch. 1175 RT**

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

Medium: HSL1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  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 Sn675, Calibrated: 4/21/2010

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\_Ch 1175 RT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.757 mW/g

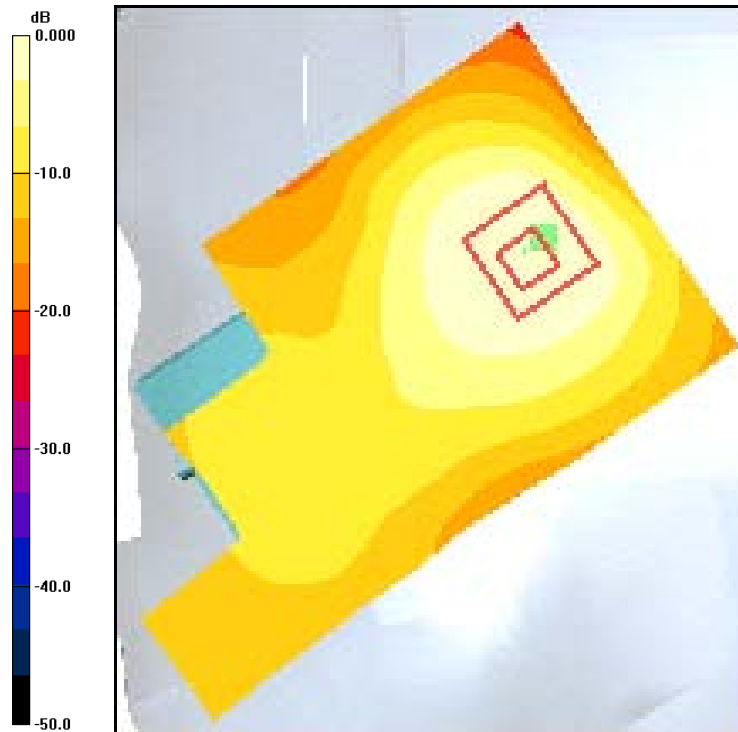
**CDMA-1900\_Ch 1175 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 0.963 W/kg

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 0.706 mW/g



0 dB = 0.706mW/g