



Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

EXHIBIT 9 APPENDIX B1: SAR DISTRIBUTION PLOTS (HEAD)

# CELL

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/12/2011

**FCC S1350\_CELL Ch. 1013, Left Cheek**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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) = 1.29 mW/g

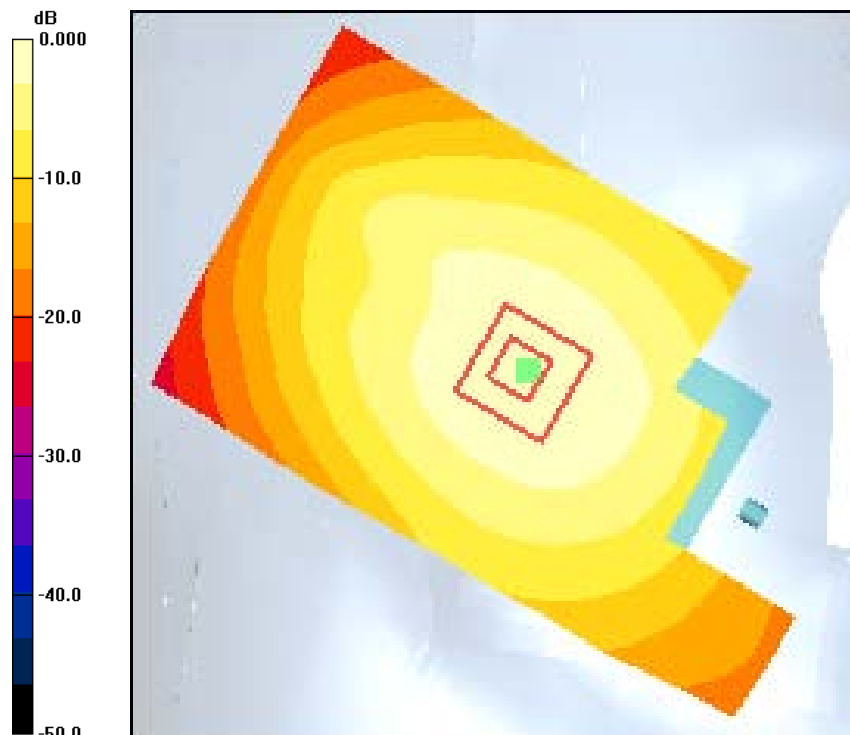
**CDMA-800 Ch1013 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.844 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g

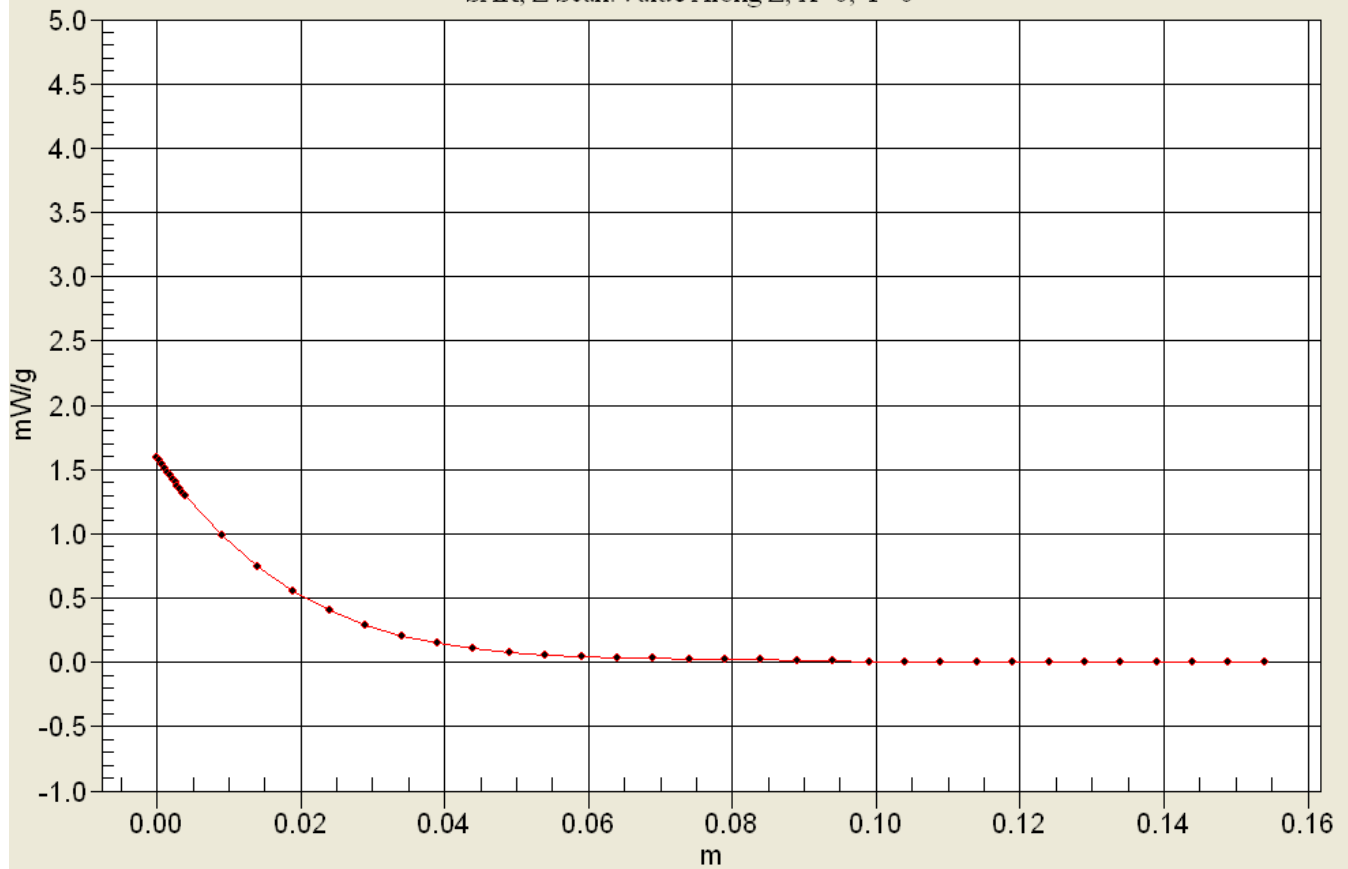


0 dB = 1.31mW/g



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



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Date: 04/12/2011

**FCC S1350\_CELL Ch. 383, Left Cheek**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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 Ch383 LC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.23 mW/g

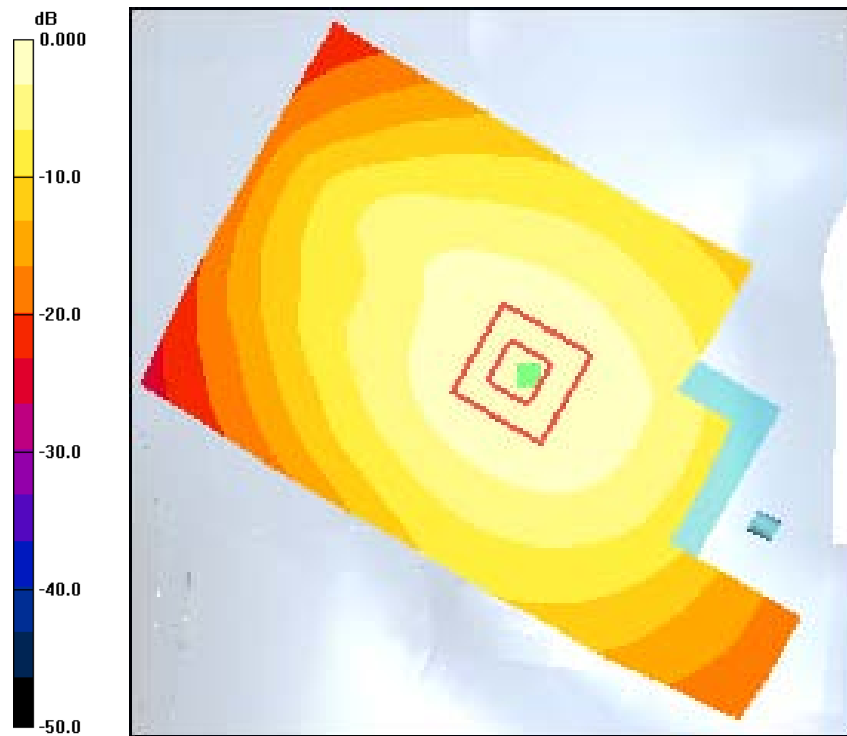
**CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.811 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.23mW/g

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**FCC S1350\_CELL Ch. 777, Left Cheek**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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) = 1.49 mW/g

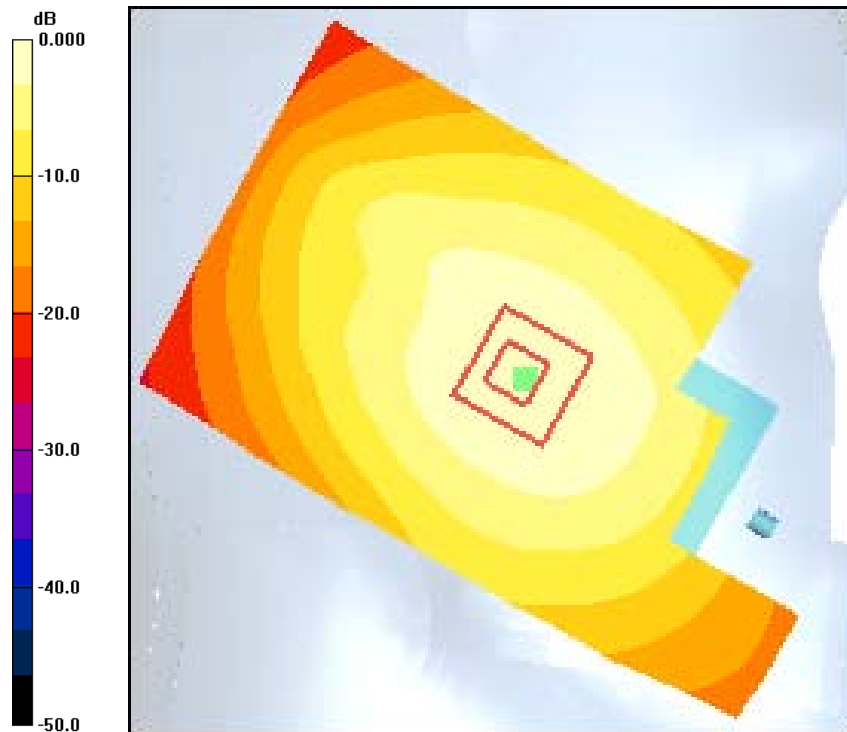
**CDMA-800 Ch777 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.930 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45mW/g

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**FCC S1350\_CELL Ch. 1013, Left Tilt**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

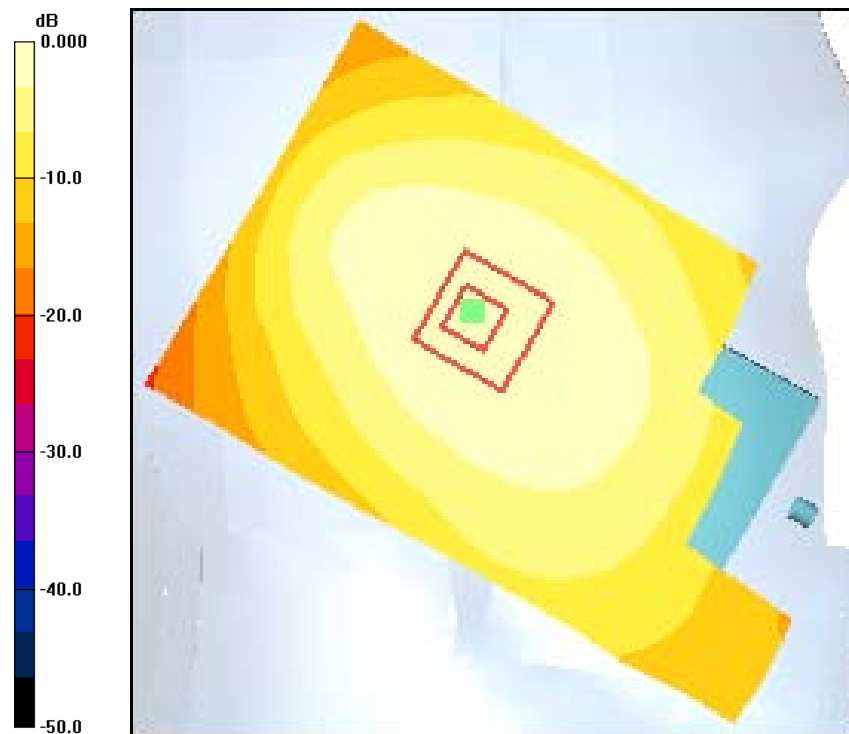
**CDMA-800 Ch1013 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 0.746 W/kg

**SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.610 mW/g



0 dB = 0.610mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/12/2011

**FCC S1350 CELL Ch. 1013, Right Cheek**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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 (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

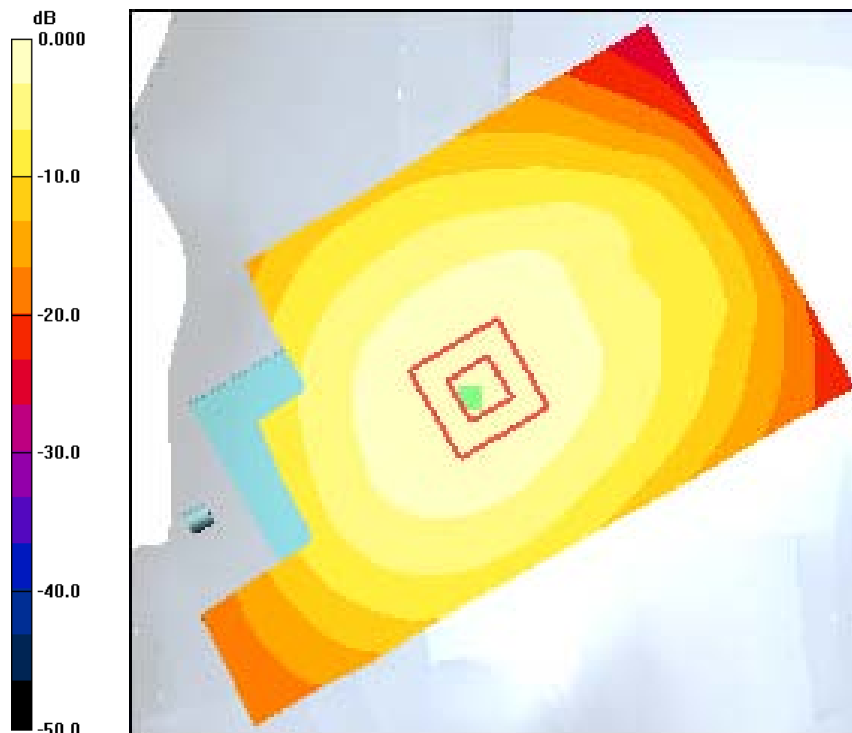
**CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.957 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46mW/g

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Date: 04/12/2011

**FCC S1350 CELL Ch. 383, Right Cheek**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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 (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 mW/g

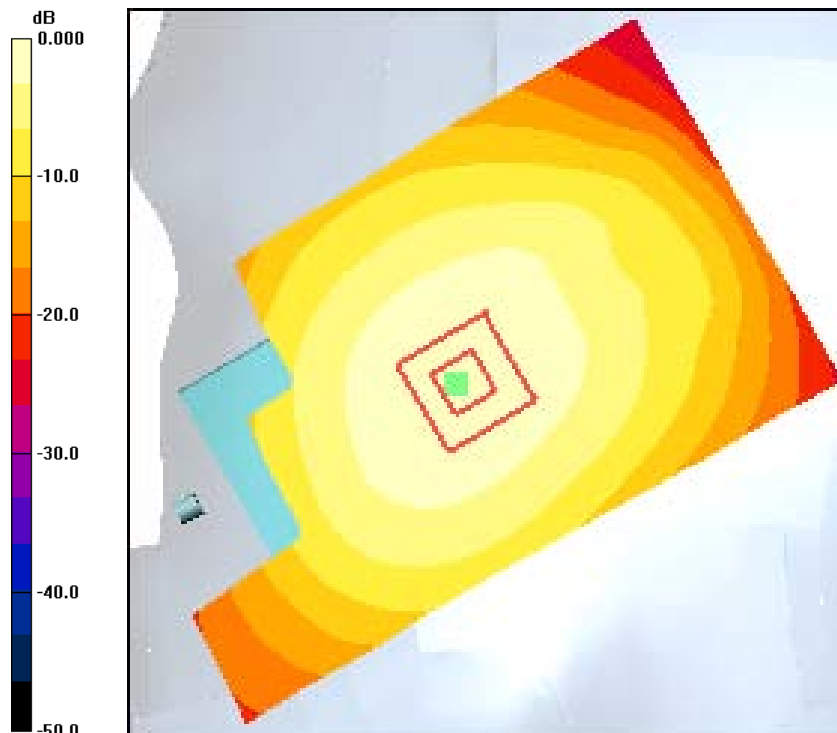
**CDMA-800 Ch383 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.935 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46mW/g



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**FCC S1350 CELL Ch. 777, Right Cheek**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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 (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 mW/g

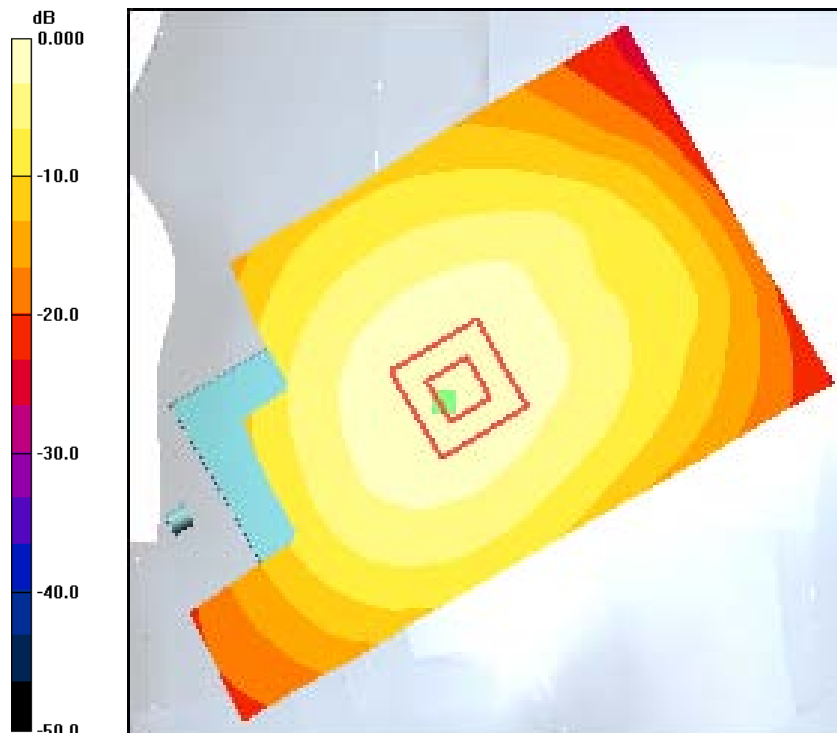
**CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 1.48 mW/g; SAR(10 g) = 1 mW/g**

Maximum value of SAR (measured) = 1.59 mW/g



0 dB = 1.59mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/12/2011

**FCC Presto\_S1350\_CELL Right Ch. 1013 RT**

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

Medium: Head 835 MHz, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  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 RT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.662 mW/g

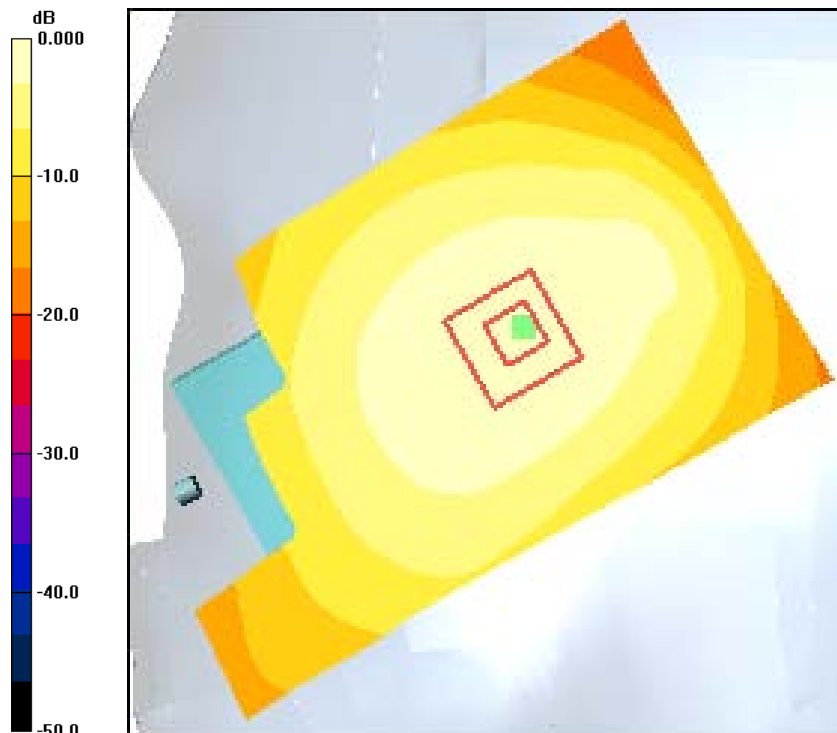
**CDMA-800 Ch1013 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.825 W/kg

**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.461 mW/g**

Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g

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# AWS

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 25, Left Cheek**

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

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1711.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 Ch25 LC/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.58 mW/g

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

Reference Value = 20.2 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 2.20 W/kg

**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.859 mW/g**

Maximum value of SAR (measured) = 1.52 mW/g

**CDMA-1700 Ch25 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.010 dB

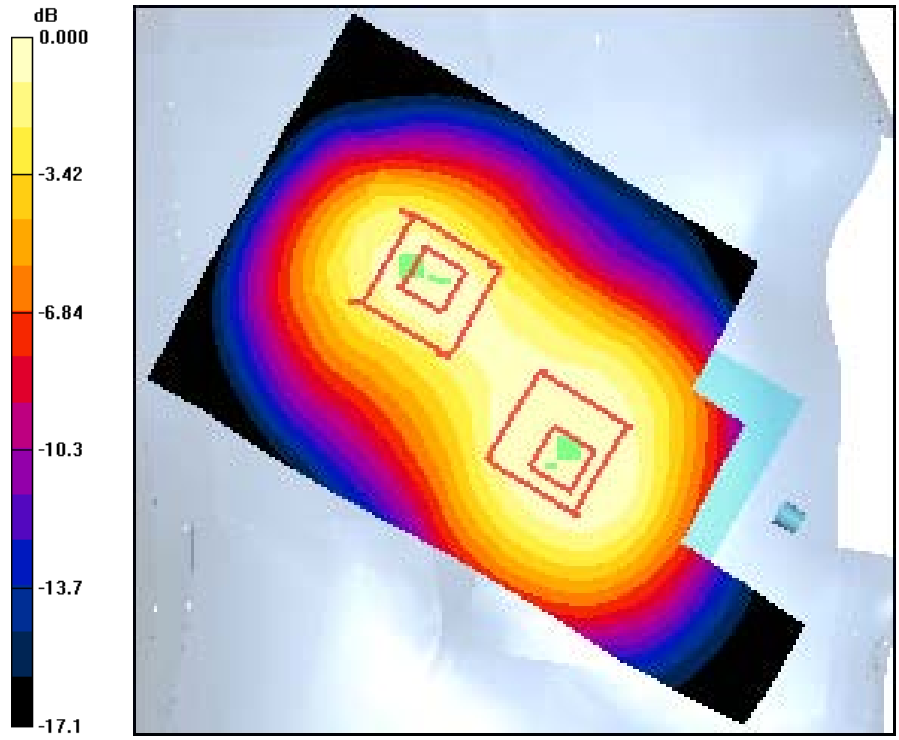
Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.707 mW/g**

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



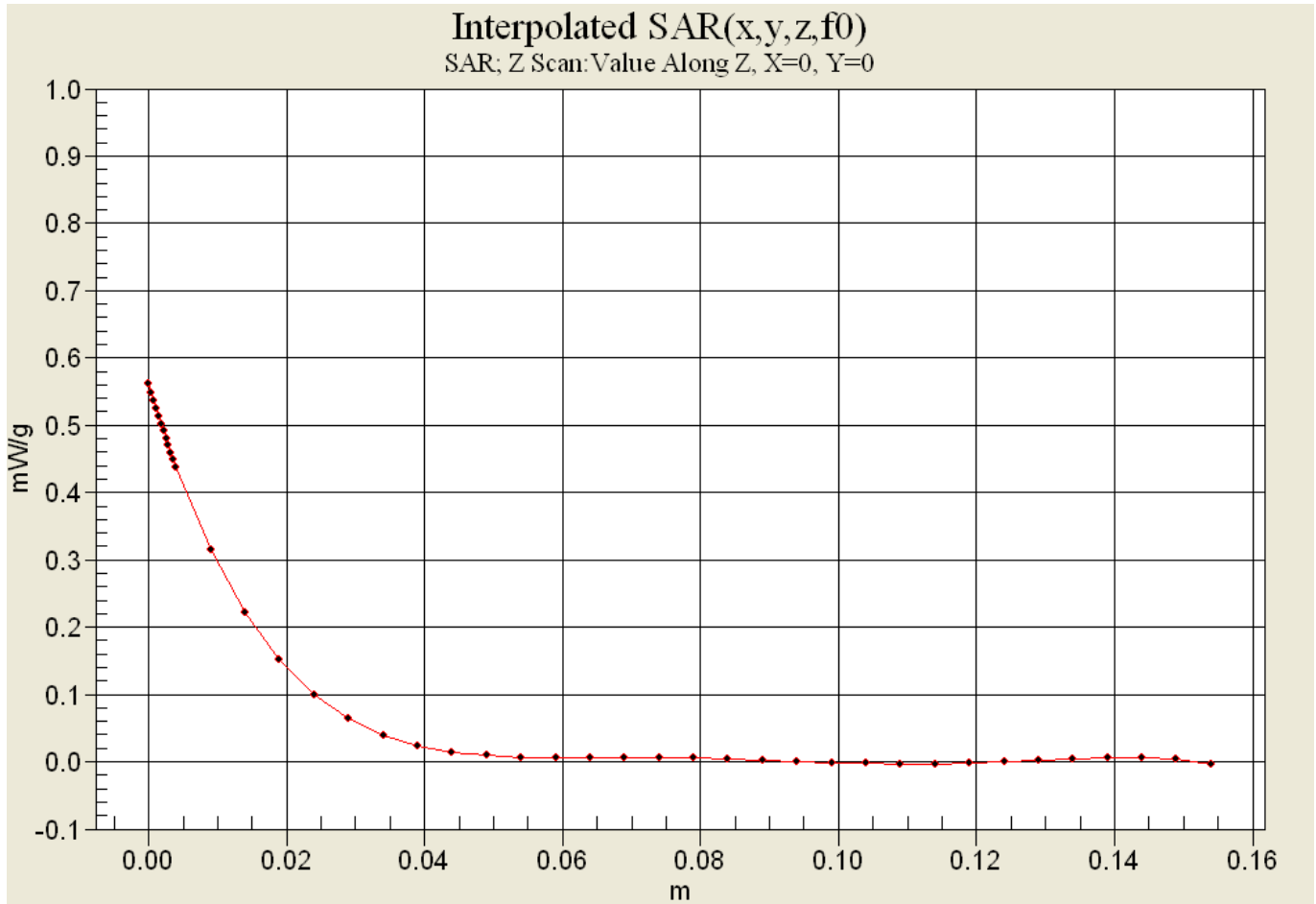
Applicant:	Kyocera
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0 dB = 1.25mW/g



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Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 450, Left Cheek**

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

Medium: HSL 1700, Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.38 mW/g

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

Reference Value = 18.2 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.757 mW/g**

Maximum value of SAR (measured) = 1.33 mW/g

**CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.055 dB

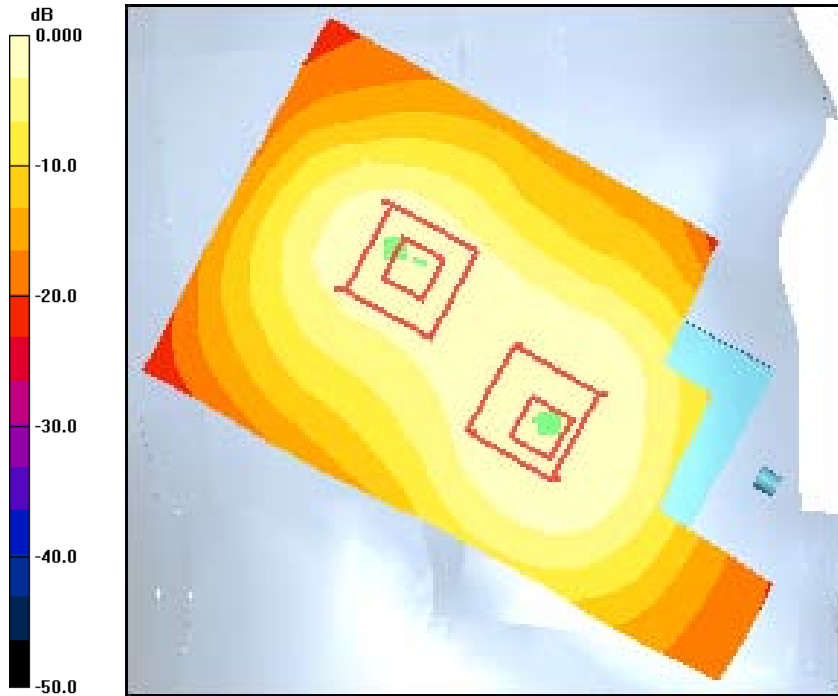
Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.589 mW/g**

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



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0 dB = 1.05mW/g



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Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 875, Left Cheek**

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

Medium: HSL 1700, Medium parameters used:  $f = 1760$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 Ch875 LC/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.56 mW/g

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

Reference Value = 18.0 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 2.08 W/kg

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

Maximum value of SAR (measured) = 1.46 mW/g

**CDMA-1700 Ch875 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = -0.181 dB

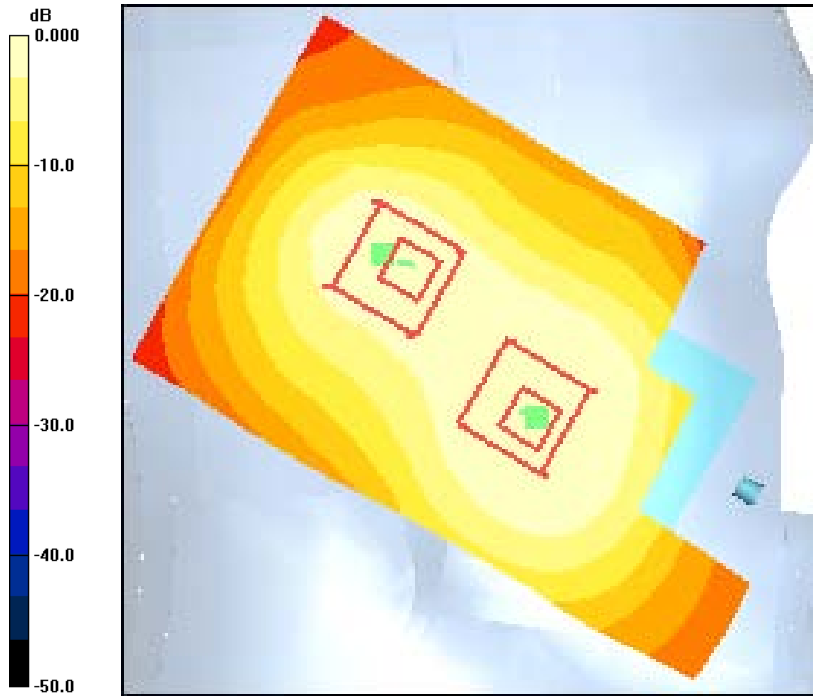
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.615 mW/g**

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



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0 dB = 1.11mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 25, Left Tilt**

Communication System: AWS-1700, Frequency: 1753.75 MHz Frequency: 1711.25 MHz, Duty Cycle: 1:1  
 Medium: HSL 1700, Medium parameters used:  $f = 1760$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used (interpolated):  $f = 1711.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 Ch25 LT/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

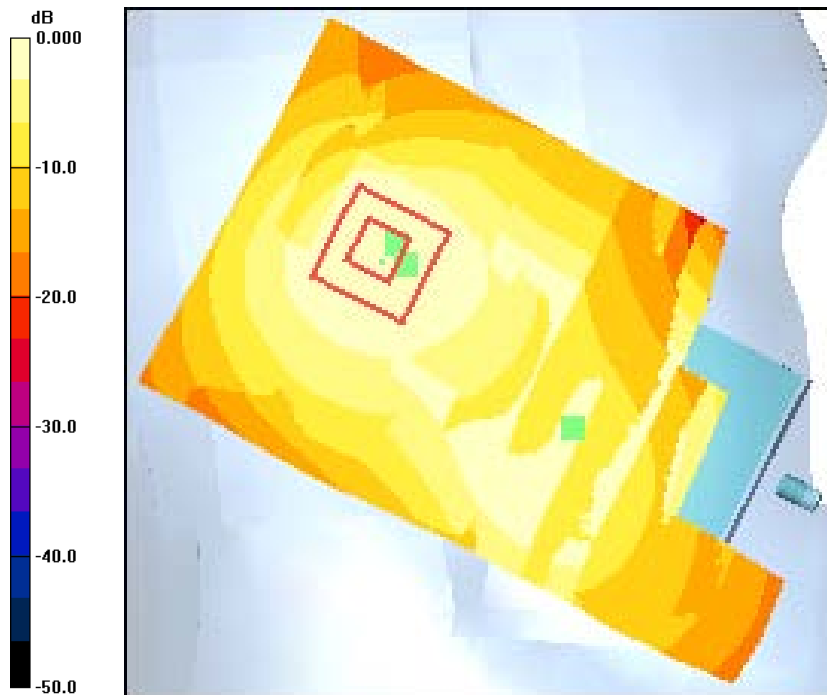
**CDMA-1700 Ch25 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.455 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 25, Right Cheek**

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

Medium: HSL1700, Medium parameters used (interpolated):  $f = 1711.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 (101x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

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

Reference Value = 18.5 V/m; Power Drift = -0.203 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.723 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g

**CDMA-1700 Ch25 RC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.203 dB

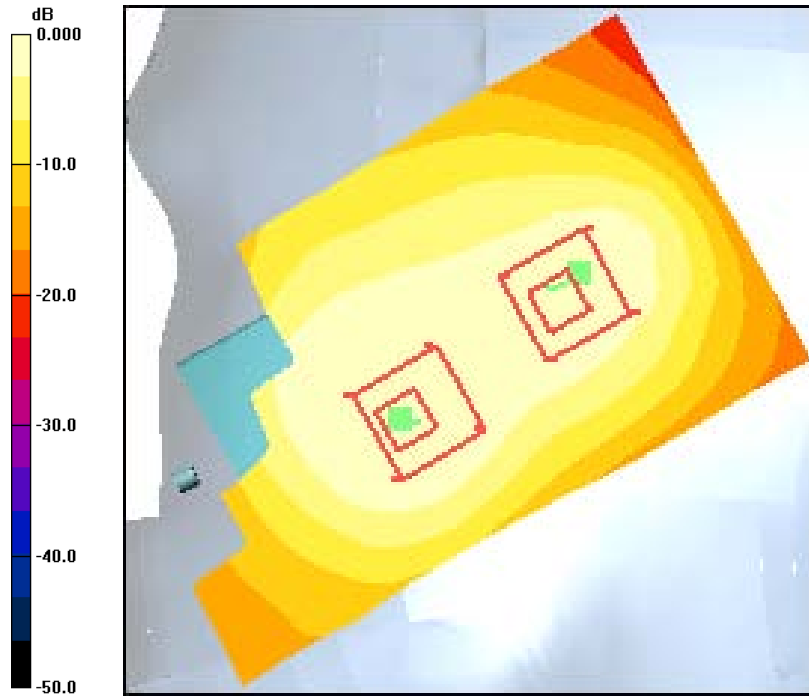
Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.512 mW/g**

Maximum value of SAR (measured) = 0.867 mW/g



Applicant:	Kyocera
FCC ID:	OVFS13503CB
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0 dB = 0.867mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 450, Right Cheek**

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

Medium: HSL1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

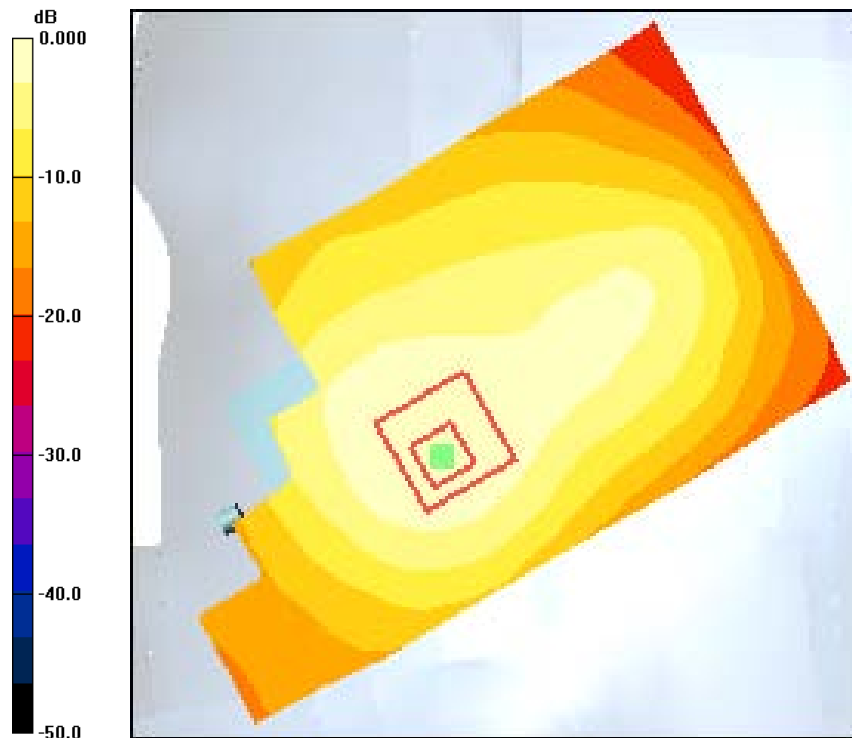
**CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.611 mW/g**

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



0 dB = 1.07mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 875, Right Cheek**

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

Medium: HSL1700, Medium parameters used:  $f = 1754 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**CDMA-1700 Ch875 RC/Area Scan (101x61x1):** Measurement grid: dx=15mm, dy=15mm

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

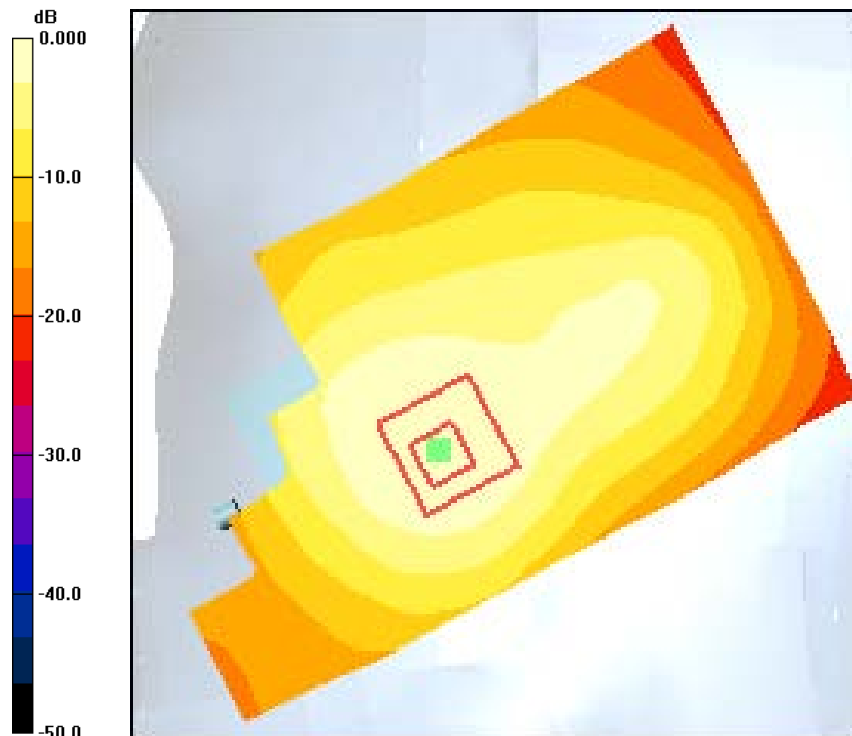
**CDMA-1700 Ch875 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.681 mW/g**

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



0 dB = 1.21mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_AWS Ch. 25, Right Tilt**

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

Medium: HSL1700, Medium parameters used (interpolated):  $f = 1711.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  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 RT/Area Scan (101x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.617 mW/g

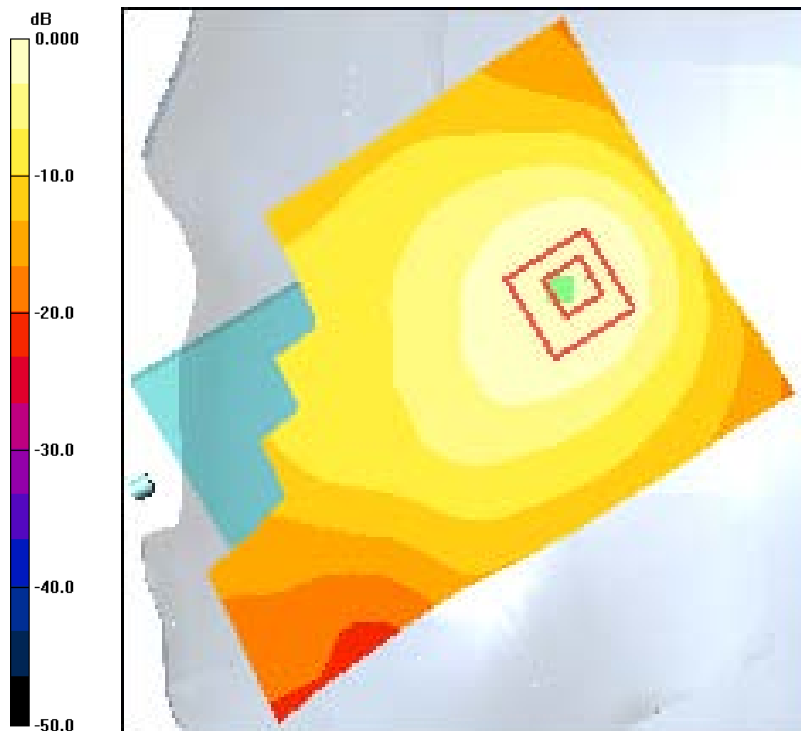
**CDMA-1700 Ch25 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.350 mW/g**

Maximum value of SAR (measured) = 0.590 mW/g



0 dB = 0.590mW/g





Applicant:	Kyocera
FCC ID:	OVFS13503CB
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## PCS

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 25, Left Cheek**

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;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  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 = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**CDMA-1900\_Ch25 LC/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.46 mW/g

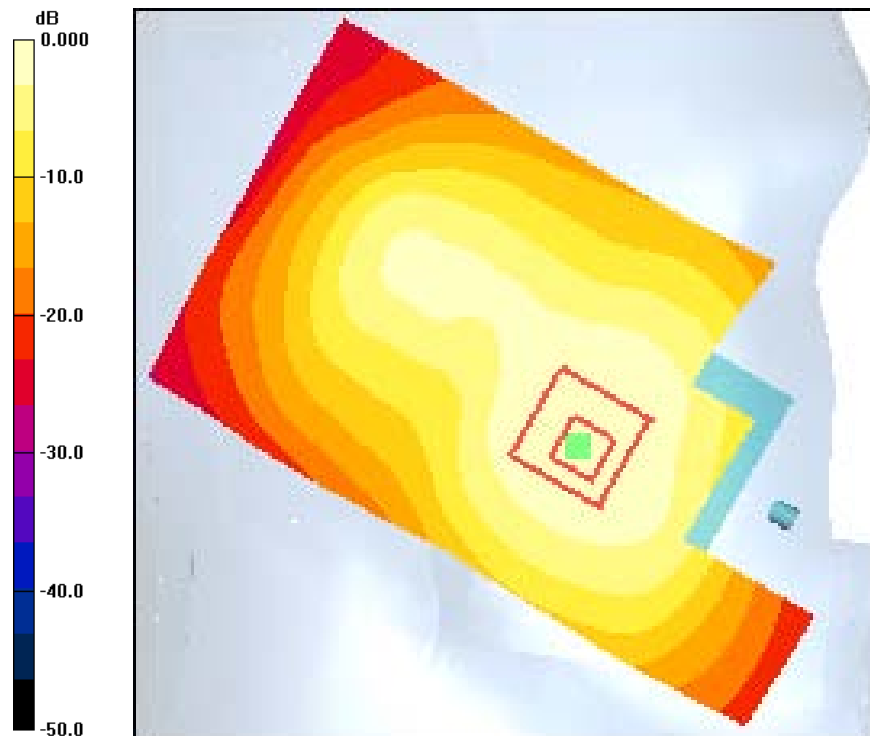
**CDMA-1900\_Ch25 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.798 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g

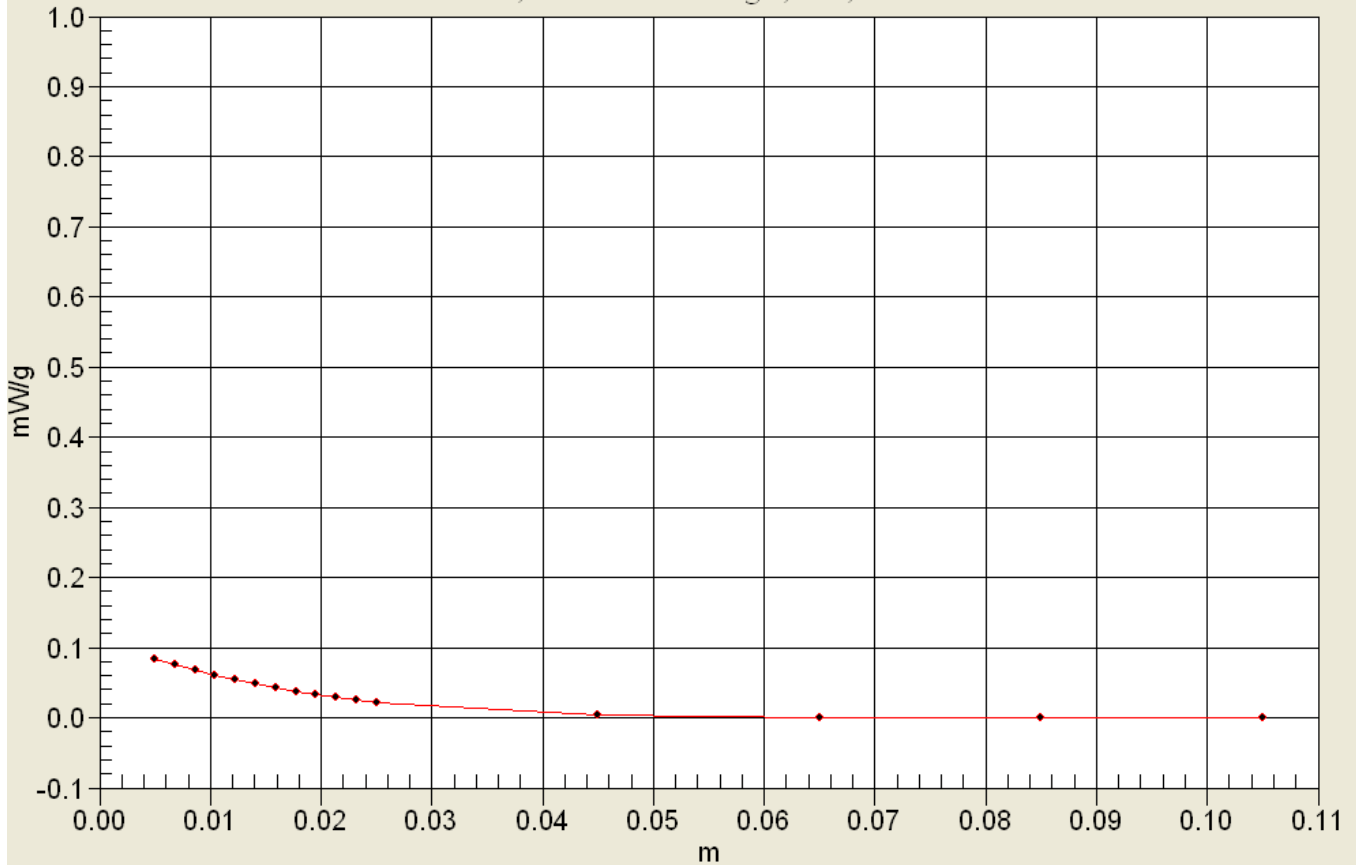


0 dB = 1.36mW/g



Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

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



Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 600, Left Cheek**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 38.7$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn675, Calibrated: 4/21/2010

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 (141x61x1):** Measurement grid: dx=15mm, dy=15mm

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

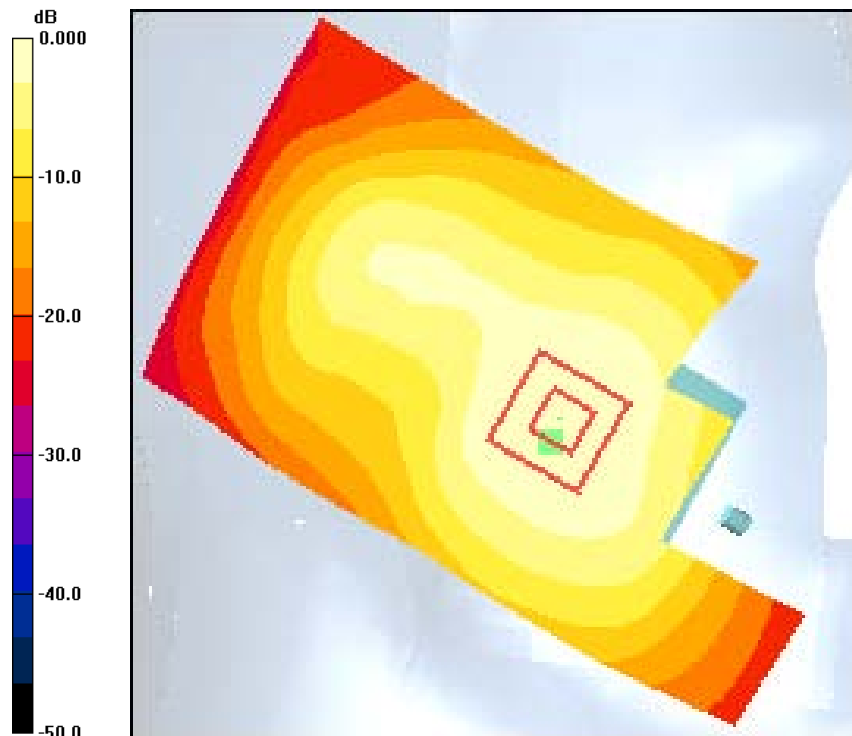
**CDMA-1900\_CH600 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.663 mW/g**

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



0 dB = 1.11mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 1175, Left Cheek**

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;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  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 (141x61x1):** Measurement grid: dx=15mm, dy=15mm

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

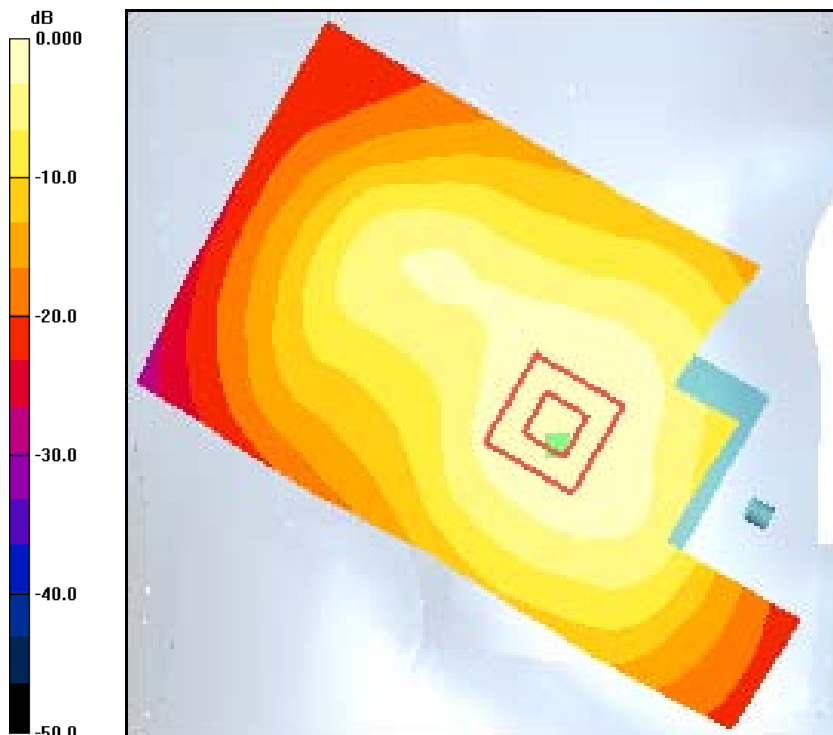
**CDMA-1900\_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.28 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.686 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 600, Left Tilt**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 38.7$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn675, Calibrated: 4/21/2010

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 LT/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.596 mW/g

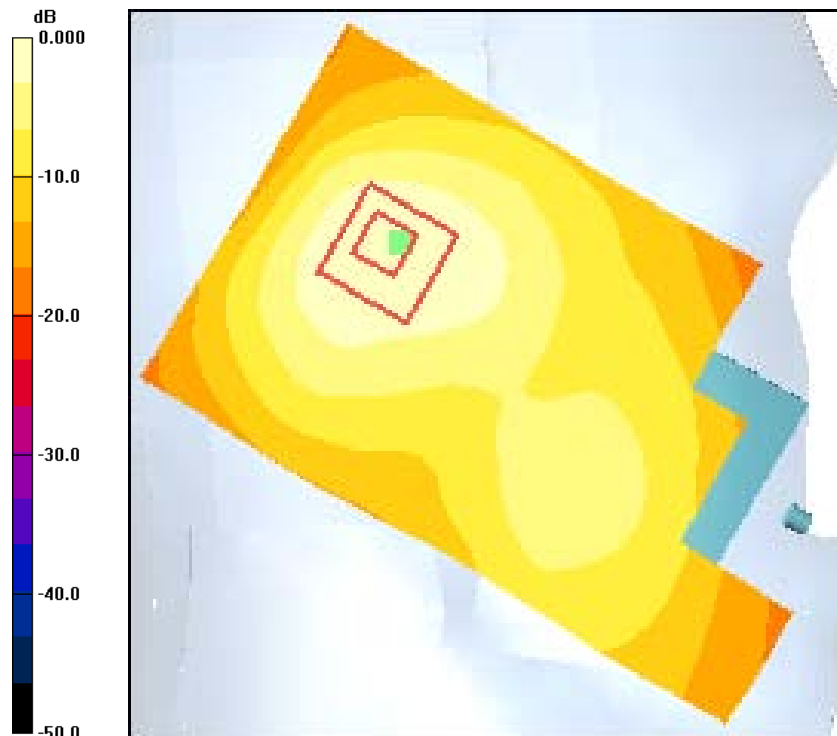
**CDMA-1900\_CH600 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.719 W/kg

**SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.300 mW/g**

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



0 dB = 0.533mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 25, Right Cheek**

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;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  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 Ch25 RC/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 mW/g

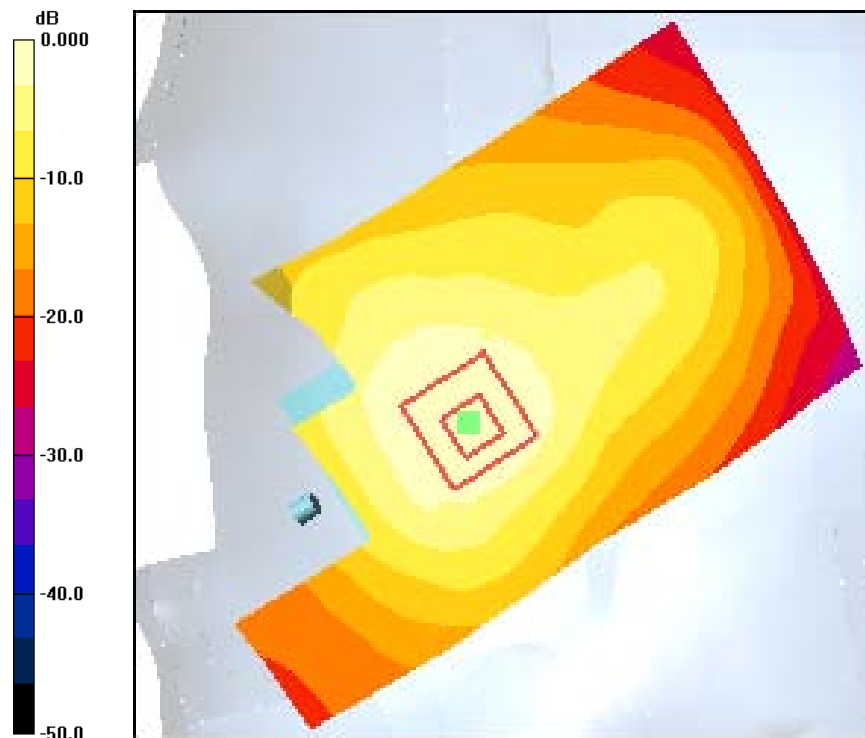
**CDMA-1900 Ch25 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.51 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.763 mW/g**

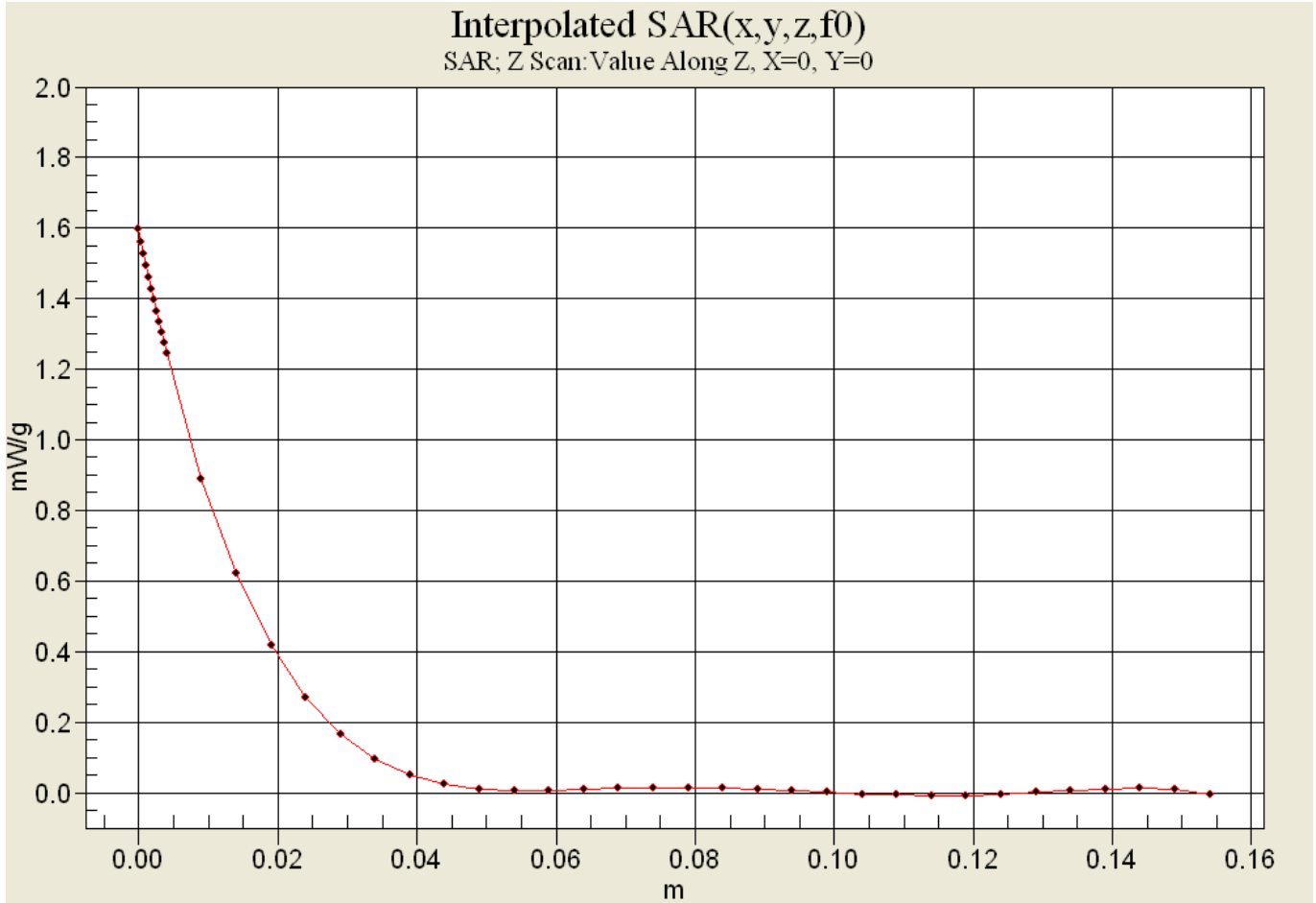
Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 1.39mW/g



Applicant:	Kyocera
FCC ID:	OVFS13503CB
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Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 600, Right Cheek**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 38.7$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**CDMA-1900 Ch600 RC/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 mW/g

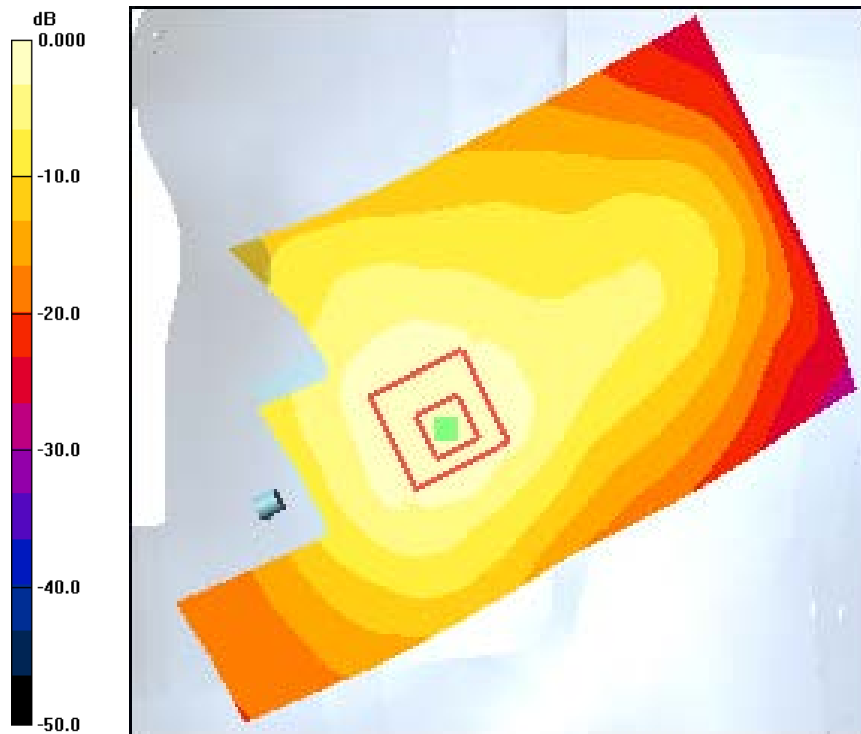
**CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.727 mW/g**

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 1175, Right Cheek**

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;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  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 Ch1175 RC/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 mW/g

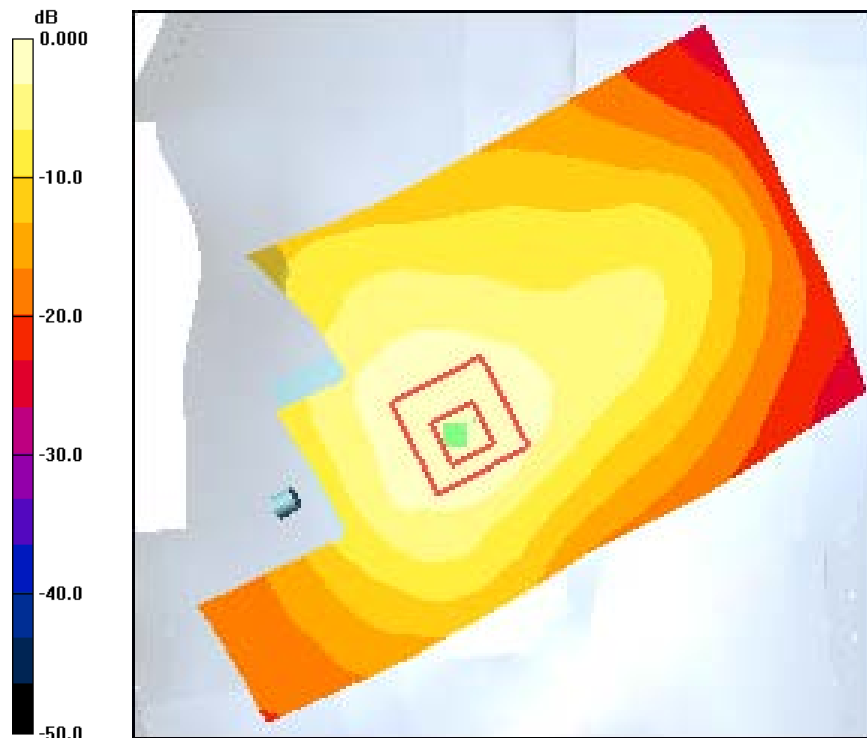
**CDMA-1900 Ch1175 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.69 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.742 mW/g**

Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38mW/g

Applicant:	Kyocera
FCC ID:	OVFS13503CB
Report #:	CT-S1350-9B1-0411-R0

Test Laboratory: Comptest/Kyocera

Date: 04/11/2011

**FCC S1350\_PCS Ch. 600, Right Tilt**

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

Medium: HSL1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 38.7$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**CDMA-1900 Ch600 RT/Area Scan (141x61x1):** Measurement grid: dx=15mm, dy=15mm

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

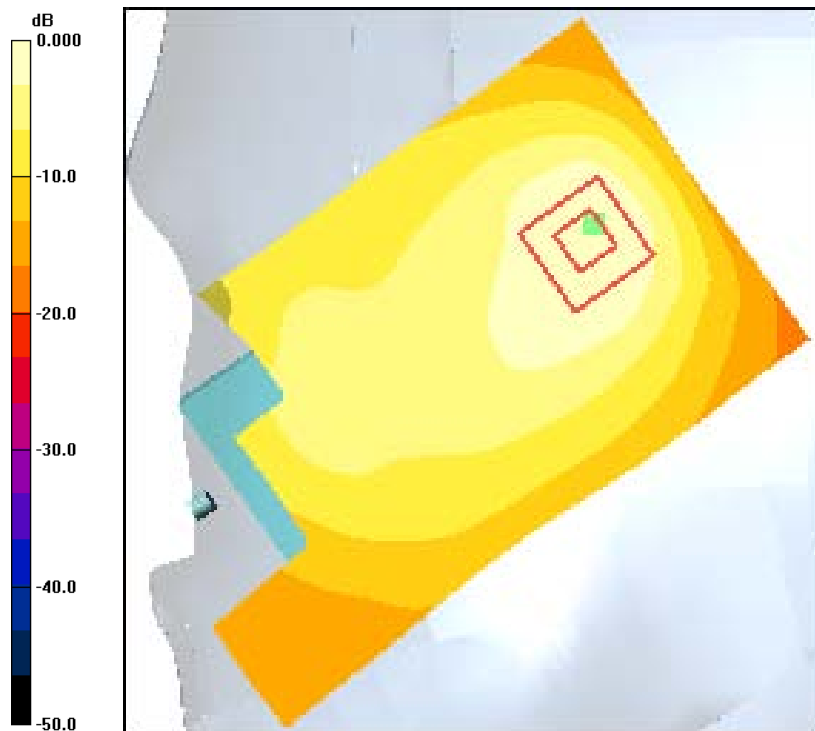
**CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.83 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 0.434 mW/g



0 dB = 0.434mW/g