



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

**EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)**

**CELL**

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/19/2011

**FCC K33BIC-06 CDMA-800 Flat Phone Facing Down with 15mm Air Space**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), 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-800 FLAT Face-Down Ch383/Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.732 mW/g

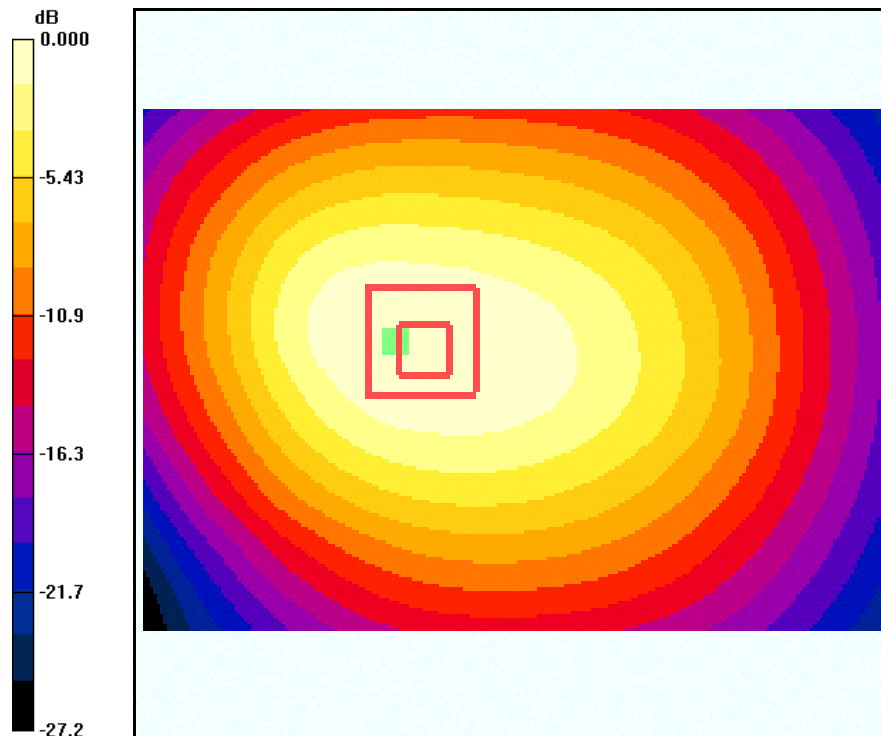
**CDMA-800 FLAT Face-Down Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.901 W/kg

**SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.481 mW/g**

Maximum value of SAR (measured) = 0.715 mW/g



0 dB = 0.715mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/19/2011

**FCC K33BIC-06 CDMA-800 Flat Phone Facing Up with 15mm Air Space**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), 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-800 FLAT Face-Up Ch383/Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

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

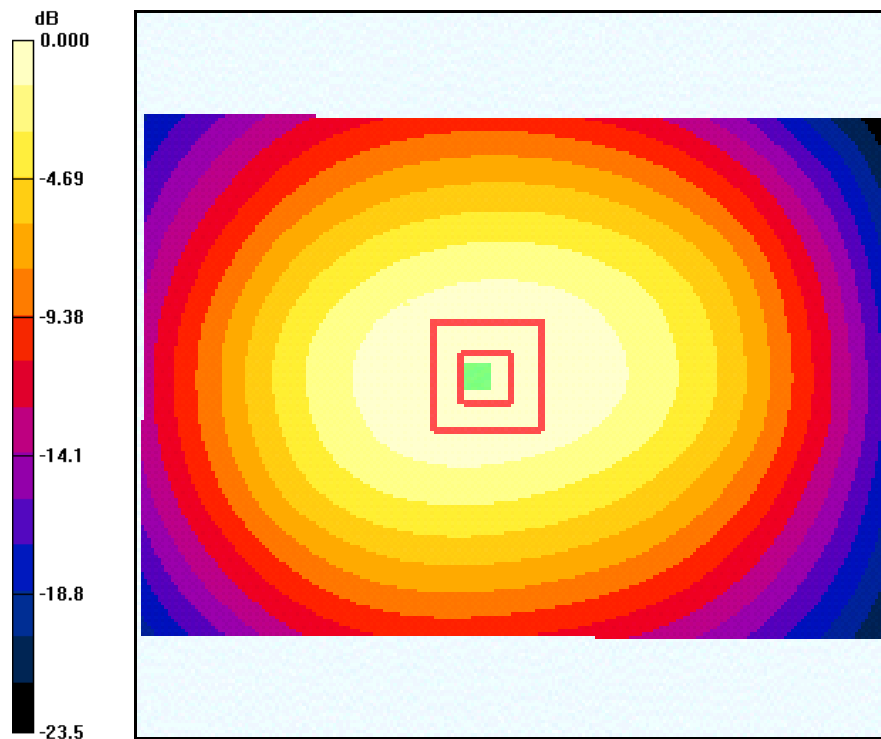
**CDMA-800 FLAT Face-Up Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.577 W/kg

**SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.321 mW/g**

Maximum value of SAR (measured) = 0.465 mW/g



0 dB = 0.465mW/g



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

**AWS**

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/19/2011

**FCC K33BIC-06 CDMA-1700 Flat Phone Facing Down with 15mm Air Space**

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

Medium: M1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.73, 4.73, 4.73), 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 FLAT Face-Down Ch450/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

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

Reference Value = 12.8 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.500 mW/g

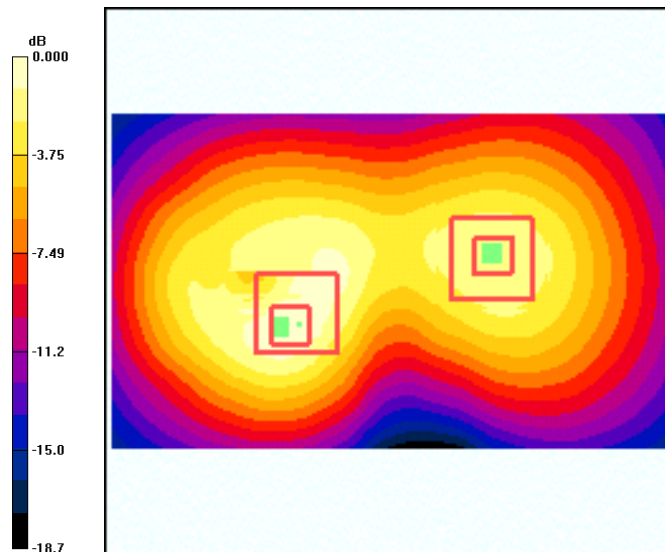
**CDMA-1700 FLAT Face-Down Ch450/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.517 W/kg

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.376 mW/g



0 dB = 0.511mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/19/2011

**FCC K33BIC-06 CDMA-1700 Flat Phone Facing Up with 15mm Air Space**

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

Medium: M1700, Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.73, 4.73, 4.73), 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 FLAT Face-Up Ch450/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.353 mW/g

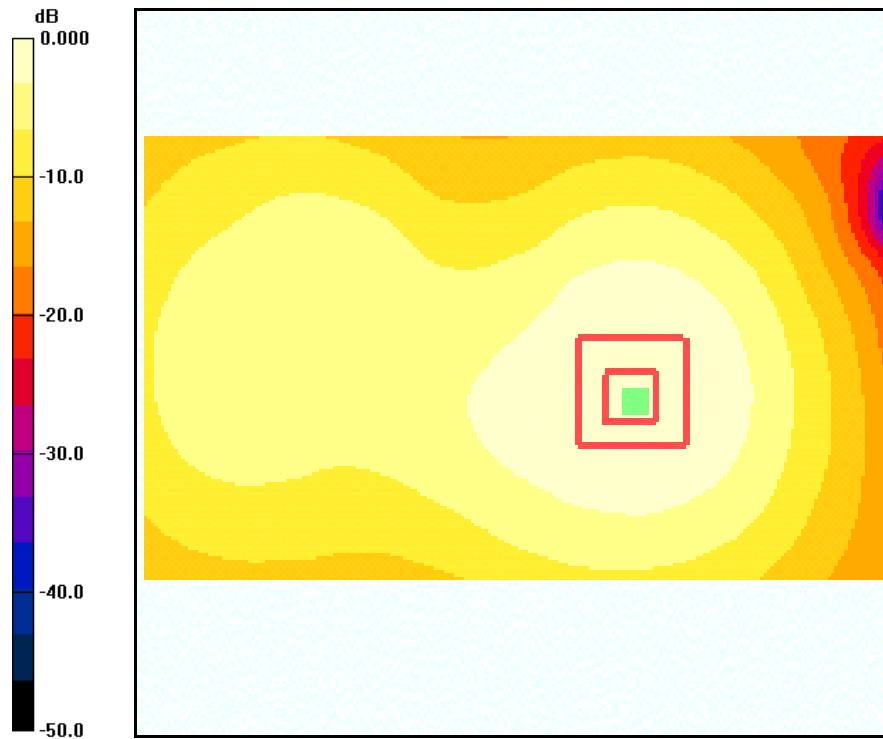
**CDMA-1700 FLAT Face-Up Ch450/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.346mW/g



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

## PCS

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/18/2011

**FCC K33BIC-06 CDMA-1900 Flat Phone Facing Down with 15mm Air Space**

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

Medium: M1900, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.5, 4.5, 4.5), 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-1900 FLAT - Face Down Ch25/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.1 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.539 mW/g**

Maximum value of SAR (measured) = 0.970 mW/g

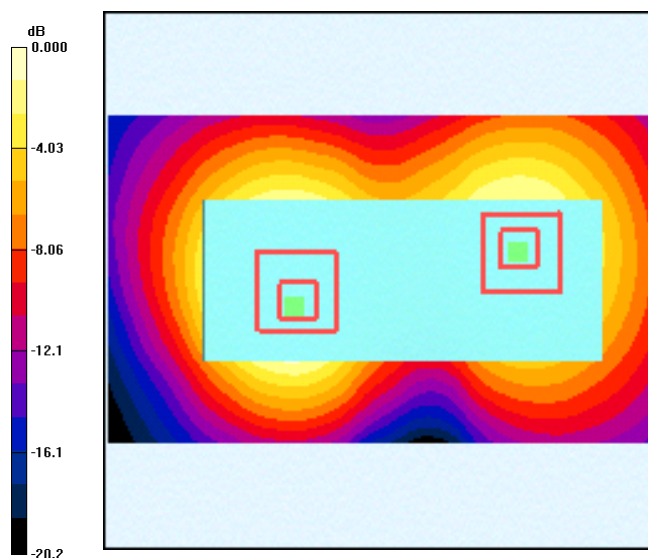
**CDMA-1900 FLAT - Face Down Ch25/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.863 W/kg

**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.385 mW/g**

Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.653mW/g



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/18/2011

**FCC K33BIC-06 CDMA-1900 Flat Phone Facing Down with 15mm Air Space**

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

Medium: M1900, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.5, 4.5, 4.5), 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-1900 FLAT - Face Down Ch600 SO32/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**CDMA-1900 FLAT - Face Down Ch600 SO32/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,

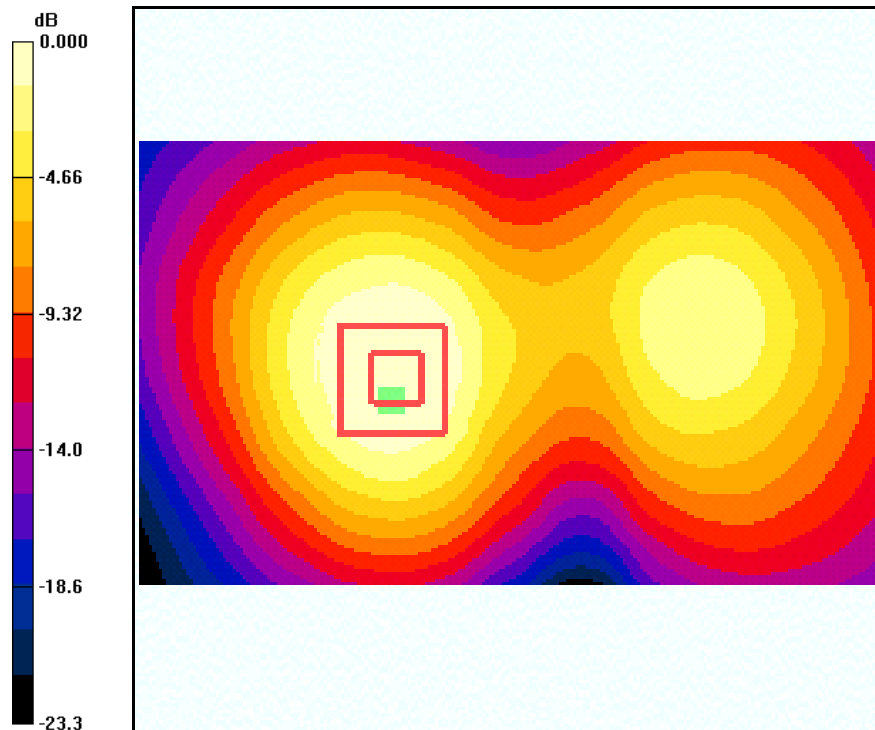
dy=5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.542 mW/g**

Maximum value of SAR (measured) = 0.941 mW/g



0 dB = 0.941mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/18/2011

**FCC K33BIC-06 CDMA-1900 Flat Phone Facing Down with 15mm Air Space**

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

Medium: M1900, Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.5, 4.5, 4.5), 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-1900 FLAT - Face Down Ch1175 SO32/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

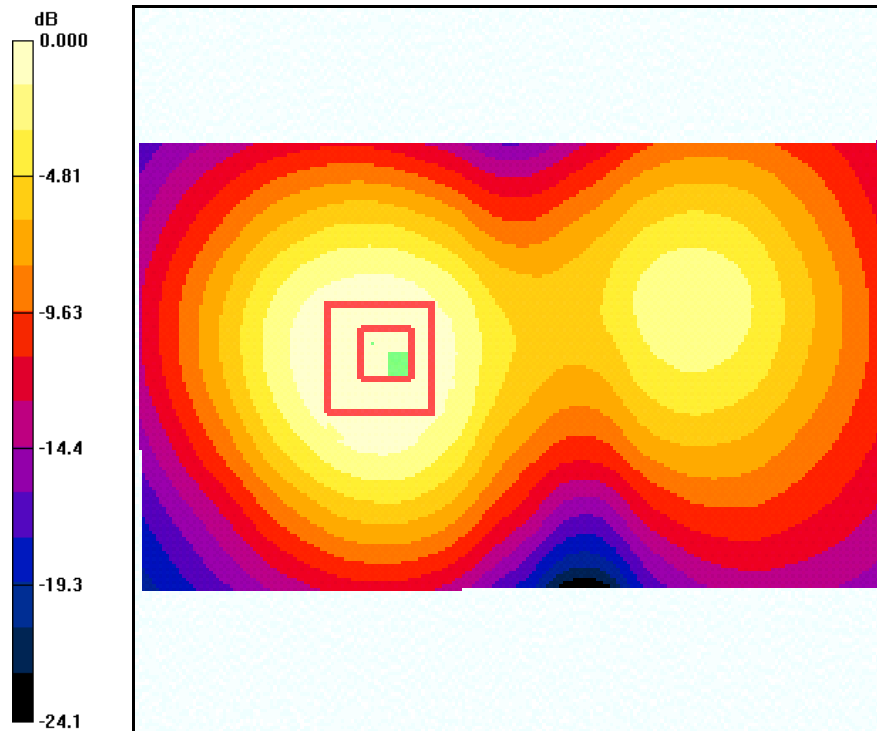
**CDMA-1900 FLAT - Face Down Ch1175 SO32/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.482 mW/g**

Maximum value of SAR (measured) = 0.829 mW/g



0 dB = 0.829mW/g

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/18/2011

**FCC K33BIC-06 CDMA-1900 Flat Phone Facing Up with 15mm Air Space**

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

Medium: M1900, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3078, ConvF(4.5, 4.5, 4.5), 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-1900 FLAT - Face Up Ch600 SO32/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.561 mW/g

**CDMA-1900 FLAT - Face Up Ch600 SO32/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.740 W/kg

**SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.333 mW/g**

Maximum value of SAR (measured) = 0.556 mW/g

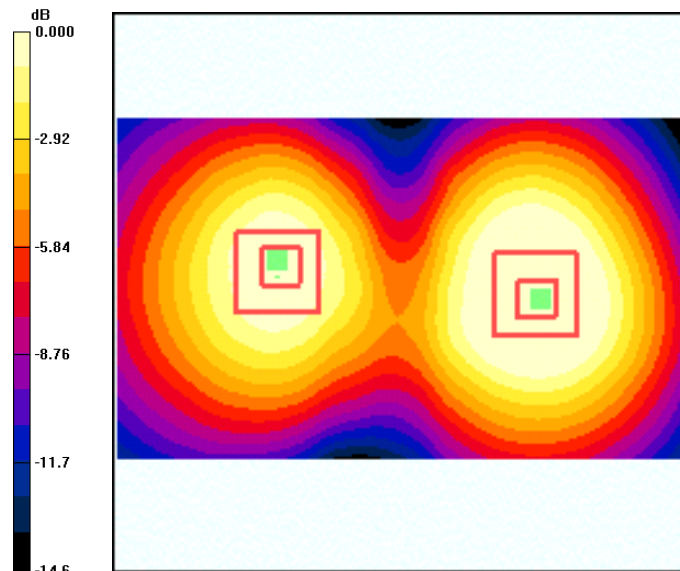
**CDMA-1900 FLAT - Face Up Ch600 SO32/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.535 W/kg

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383mW/g