

| Applicant | Kyocera |
|-----------|----------------------|
| FCC ID: | V65E4100 |
| Report #: | CT-E4100-9B2-0910-R0 |

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL

Date: 8/19/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 CELL Flat with 22mm Air Space_Closed, 081910

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

Medium: M900, Medium parameters used (interpolated): f = 824.7 MHz; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

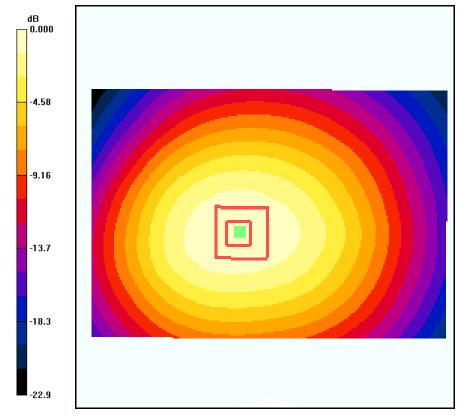
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 FLAT Face-Down Ch1013 SO32/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

CDMA-800 FLAT Face-Down Ch1013 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.088 dB Peak SAR (extrapolated) = 0.688 W/kg SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.382 mW/g Maximum value of SAR (measured) = 0.554 mW/g



0 dB = 0.563 mW/g



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FCC E4100 CELL Flat with 22mm Air Space Closed, 081910

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

Medium: M900, Medium parameters used (interpolated): f = 824.7 MHz; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

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

CDMA-800 FLAT Face-Up Ch1013 SO32/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

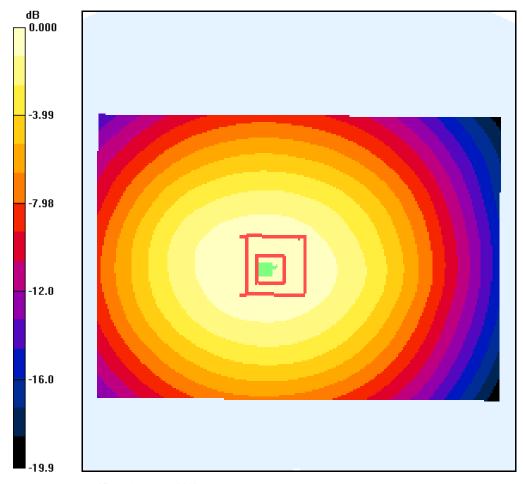
Maximum value of SAR (interpolated) = 0.296 mW/g

CDMA-800 FLAT Face-Up Ch1013 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.214 mW/g Maximum value of SAR (measured) = 0.300 mW/g



0 dB = 0.296 mW/g



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Test Laboratory: Comptest/Kyocera

FCC E4100 CELL Flat with 22mm Air Space Open, 081910

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

Medium: M900, Medium parameters used (interpolated): f = 824.7 MHz; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

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

CDMA-800 FLAT Face-Down Ch1013 SO32/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

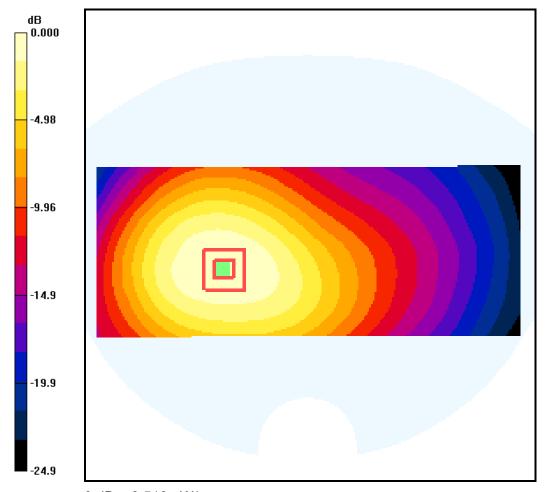
Maximum value of SAR (interpolated) = 0.510 mW/g

CDMA-800 FLAT Face-Down Ch1013 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.355 mW/g Maximum value of SAR (measured) = 0.513 mW/g



0 dB = 0.510 mW/g



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PCS

Date: 8/18/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 PCS Flat with 22mm Air Space Closed, 081810

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

Medium: M1900, Medium parameters used (interpolated): f = 1908.75 MHz; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1663, ConvF(4.55, 4.55, 4.55), Calibrated: 9/10/2009

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 FLAT - Face Down Closed SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.452 mW/g

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

dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.149 dB Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.441 mW/g

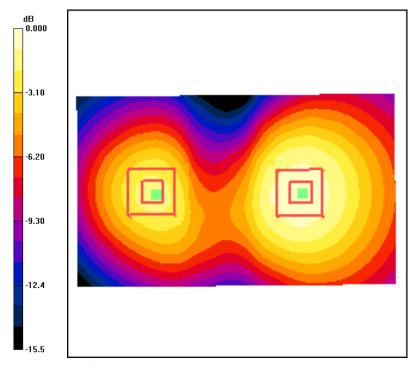
CDMA-1900 Ch1175 FLAT - Face Down Closed SO32/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.187 mW/g Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.452 mW/g



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Date: 8/18/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 PCS Flat with 22mm Air Space Closed, 081810

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

Medium: M1900, Medium parameters used (interpolated): f = 1908.75 MHz; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1663, ConvF(4.55, 4.55, 4.55), Calibrated: 9/10/2009

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 FLAT - Face Up Closed SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.243 mW/g

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

dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.151 mW/g Maximum value of SAR (measured) = 0.243 mW/g

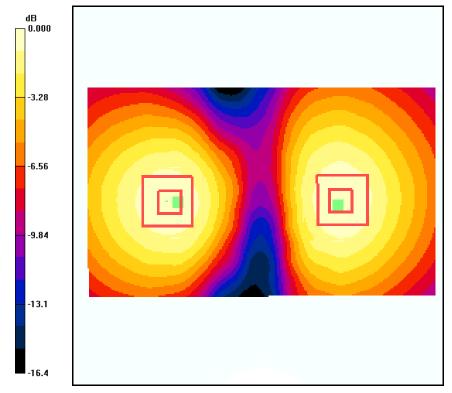
CDMA-1900 Ch1175 FLAT - Face Up Closed SO32/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm,

dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.147 mW/g Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.243 mW/g



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Date: 8/18/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 PCS Flat with 22mm Air Space Open, 081810

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

Medium: M1900, Medium parameters used (interpolated): f = 1908.75 MHz; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1663, ConvF(4.55, 4.55, 4.55), Calibrated: 9/10/2009

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

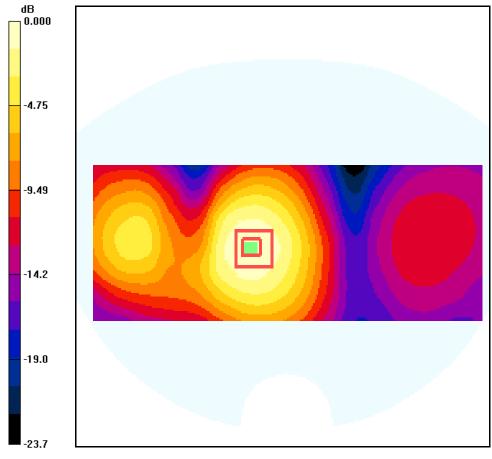
CDMA-1900 Ch1175 FLAT - Face Down Open SO32/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.477 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.292 mW/g Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.477 mW/g



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BLUETOOTH

Date: 9/2/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 BT Flat with 22mm Air Space Closed, 090210

Communication System: Bluetooth, Frequency: 2402 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used (interpolated): f = 2402 MHz; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 50.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.18, 4.18, 4.18), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

BT-2450 ch0 Face DOWN-22mm/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.002 mW/g

BT-2450 ch0 Face DOWN-22mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.774 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00579 mW/g Maximum value of SAR (measured) = 0.115 mW/g

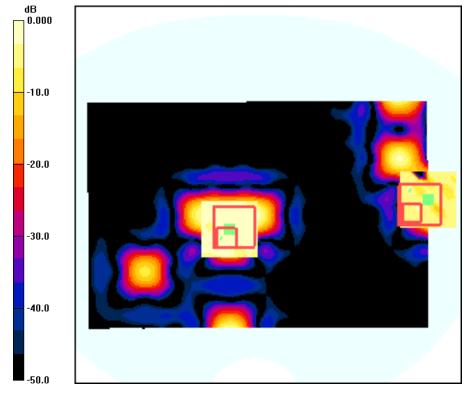
BT-2450 ch0 Face DOWN-22mm/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.774 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.000439 mW/g; SAR(10 g) = 0.000222 mW/g

Maximum value of SAR (measured) = 0.001 mW/g



0 dB = 0.002 mW/g



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Date: 9/2/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 BT Flat with 22mm Air Space Closed, 090210

Communication System: Bluetooth, Frequency: 2402 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used (interpolated): f = 2402 MHz; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 50.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.18, 4.18, 4.18), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

BT-2450 ch0 Face UP-22mm/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.003 mW/g

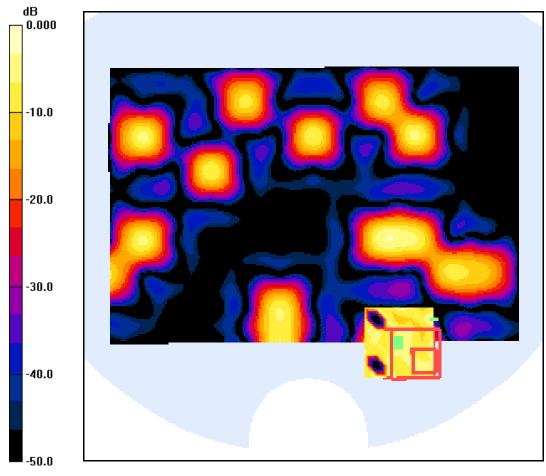
BT-2450 ch0 Face UP-22mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.327 V/m; Power Drift = 0.487 dB

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.000577 mW/g; SAR(10 g) = 0.00033 mW/g

Maximum value of SAR (measured) = 0.002 mW/g



0 dB = 0.003 mW/g



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Date: 9/2/2010

Test Laboratory: Comptest/Kyocera

FCC E4100 BT Flat with 22mm Air Space Open, 090210

Communication System: Bluetooth, Frequency: 2402 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used (interpolated): f = 2402 MHz; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 50.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.18, 4.18, 4.18), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

BT-2450 ch0 Face DOWN-22mm/Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.002 mW/g

BT-2450 ch0 Face DOWN-22mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.478 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.00114 mW/g; SAR(10 g) = 0.000395 mW/g

Maximum value of SAR (measured) = 0.002 mW/g

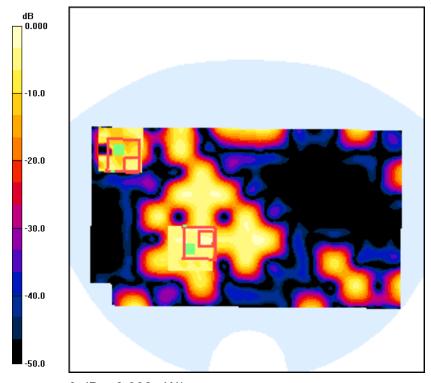
BT-2450 ch0 Face DOWN-22mm/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.478 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.001 W/kg

SAR(1 g) = 0.000421 mW/g; SAR(10 g) = 0.000148 mW/g

Maximum value of SAR (measured) = 0.001 mW/g



0 dB = 0.002 mW/g