

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

EXHIBIT 9 APPENDIX B1: SAR DISTRIBUTION PLOTS (HEAD)

CELL

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Left Ch. 384 Left Cheek, Closed

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

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-800 Ch384 LC/Area Scan (101x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.454 mW/g

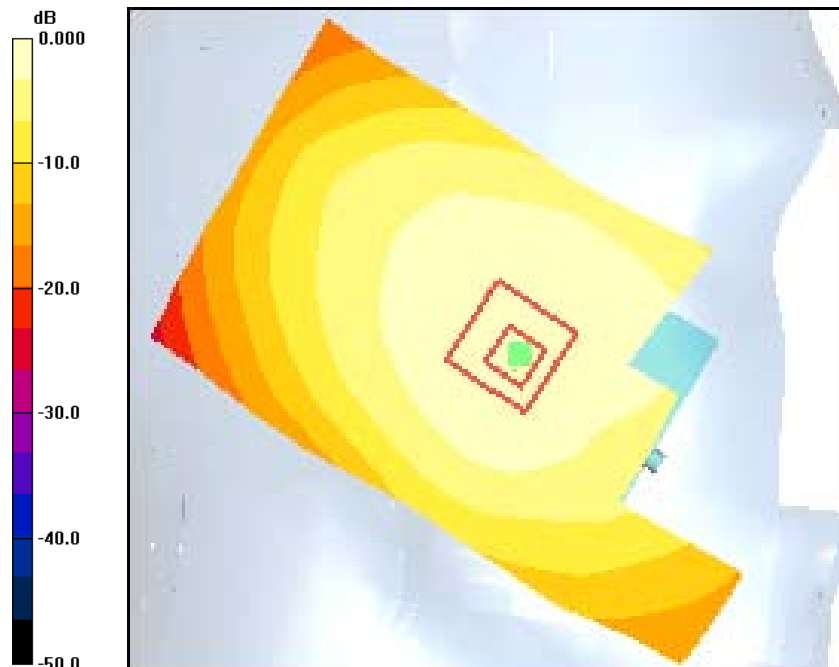
CDMA-800 Ch384 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.50 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.456mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Left Ch. 384 Left Tilt, Closed

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch384 LT/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.251 mW/g

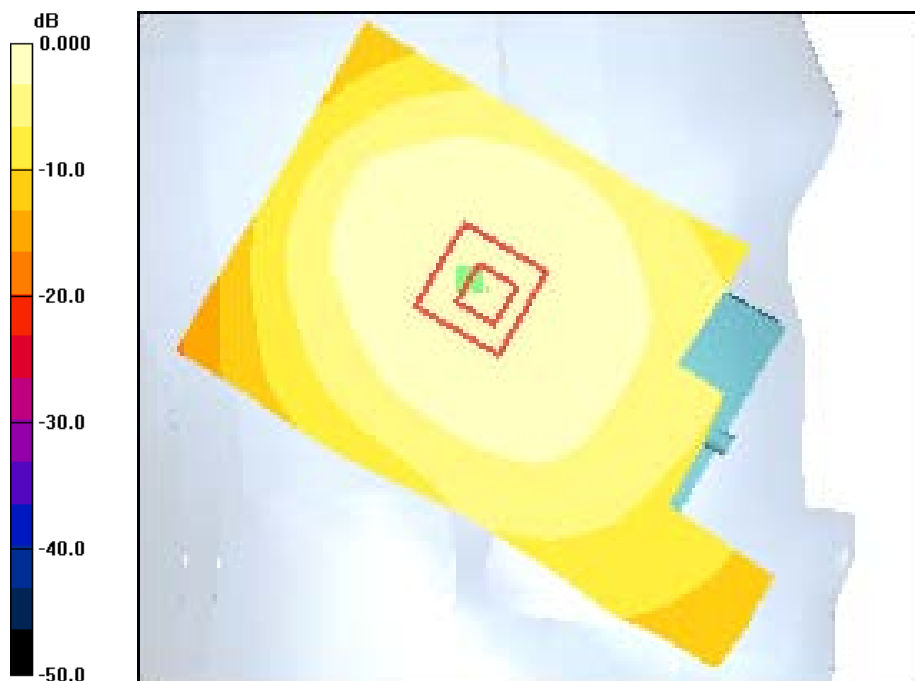
CDMA-800 Ch384 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Right Ch. 384 Right Cheek, Closed

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch384 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.497 mW/g

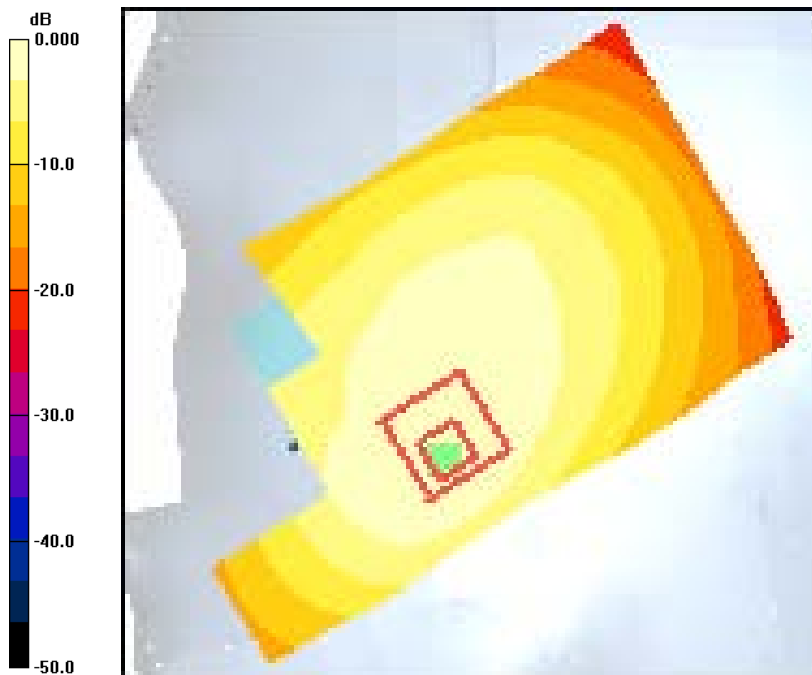
CDMA-800 Ch384 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.10 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.301 mW/g

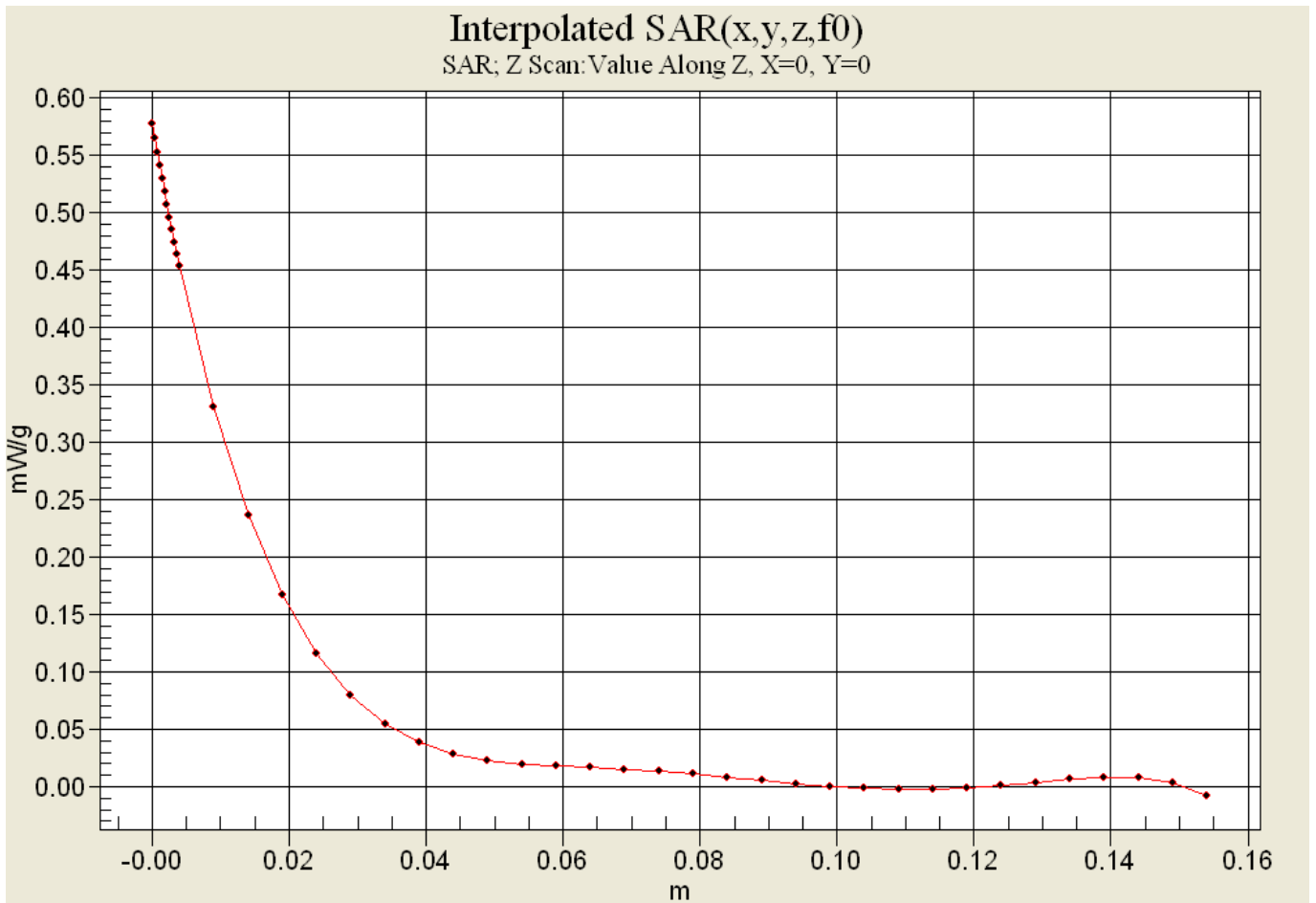
Maximum value of SAR (measured) = 0.501 mW/g



0 dB = 0.501mW/g



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Right Ch. 384 Right Tilt, Closed

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch384 RT/Area Scan (11x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.263 mW/g

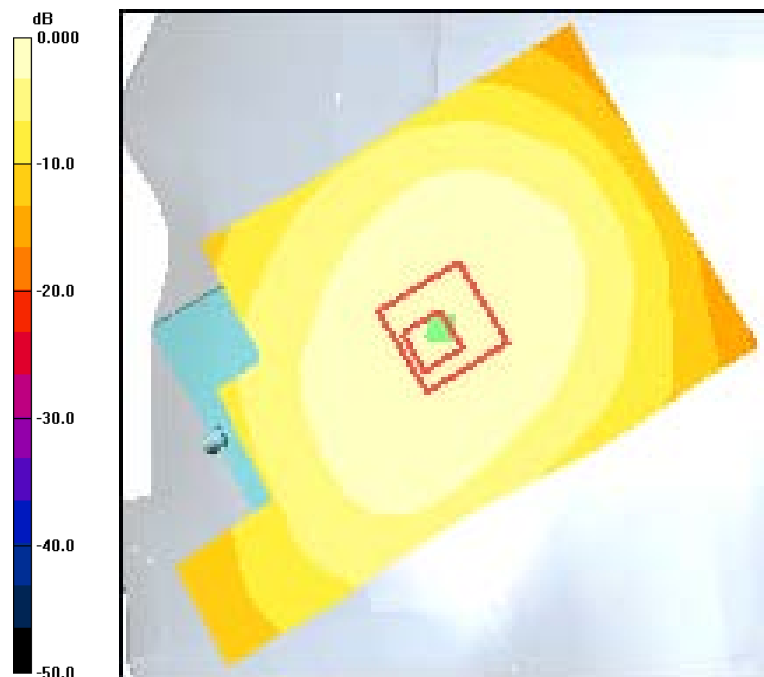
CDMA-800 Ch384 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.269mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Left Ch. 384 Left Cheek, Open

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch384 LC Open/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.483 mW/g

CDMA-800 Ch384 LC Open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.482 mW/g

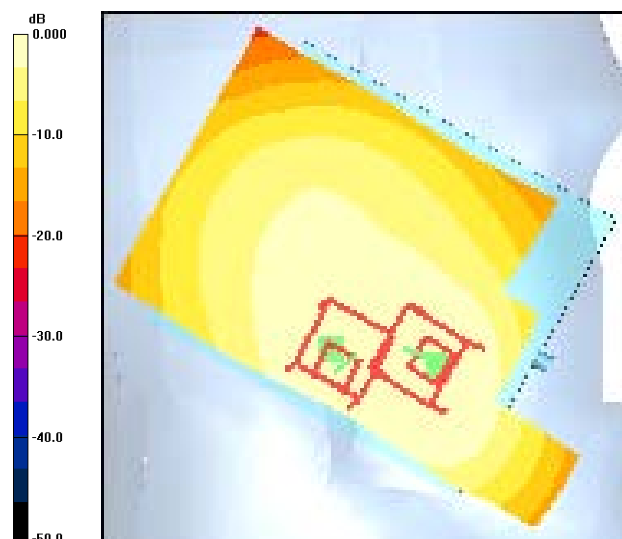
CDMA-800 Ch384 LC Open/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.444mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Left Ch. 384 Left Tilt, Open

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch384 LT/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.213 mW/g

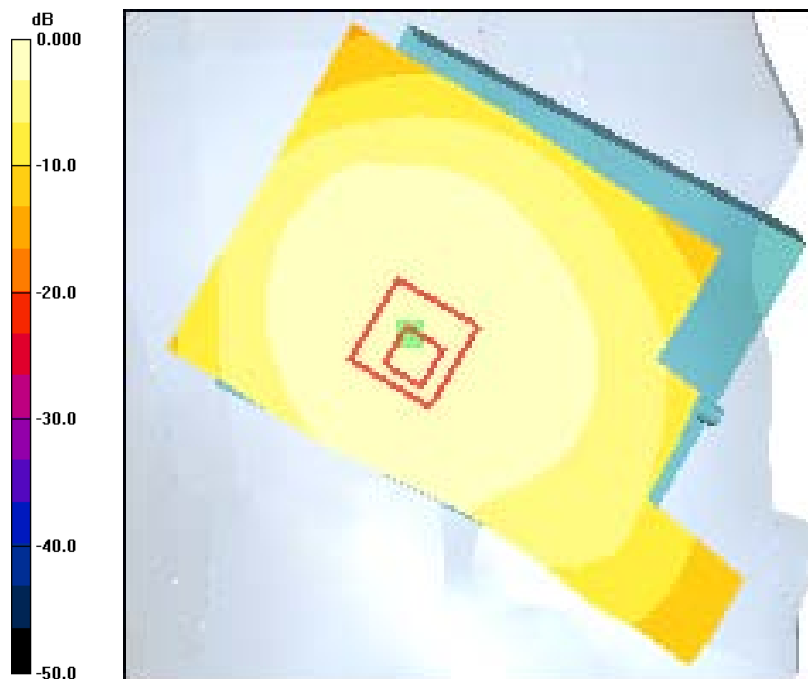
CDMA-800 Ch384 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.218mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Right Ch. 384 Right Cheek, Open

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

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-800 Ch384 RC/Area Scan (111x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.339 mW/g

CDMA-800 Ch384 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.26 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.240 mW/g

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

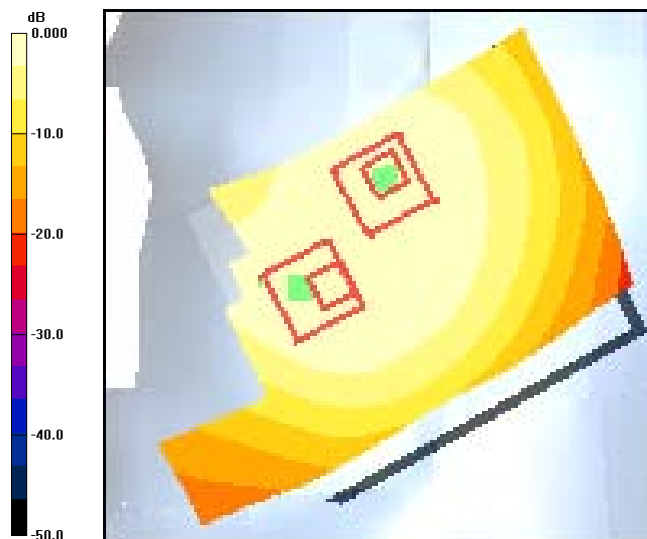
CDMA-800 Ch384 RC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.26 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.302mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/28/2011

FCC C5121 CDMA-800 Right Ch. 384 Right Tilt, Open

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.08, 6.08, 6.08), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch384 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.255 mW/g

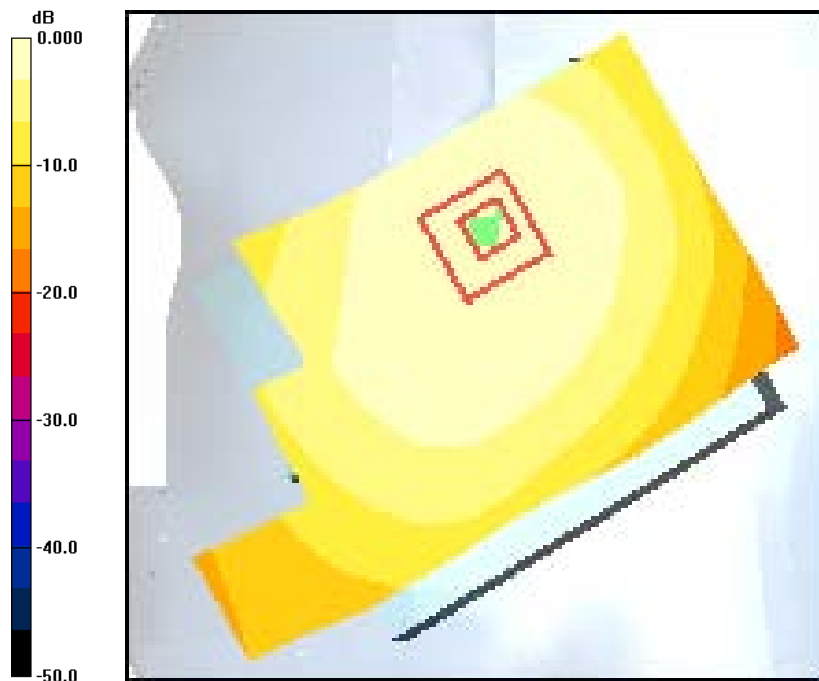
CDMA-800 Ch384 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

AWS

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Left Ch. 450 Left Cheek, Closed

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700_Ch450 LC/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.631 mW/g

CDMA-1700_Ch450 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.687 mW/g

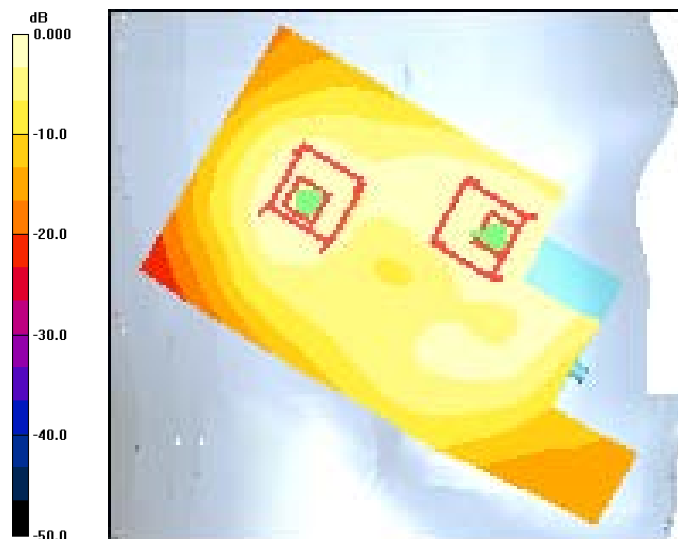
CDMA-1700_Ch450 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.507 mW/g



0 dB = 0.507mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Left Ch. 450 Left Tilt, Closed

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700_CH450 LT/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.619 mW/g

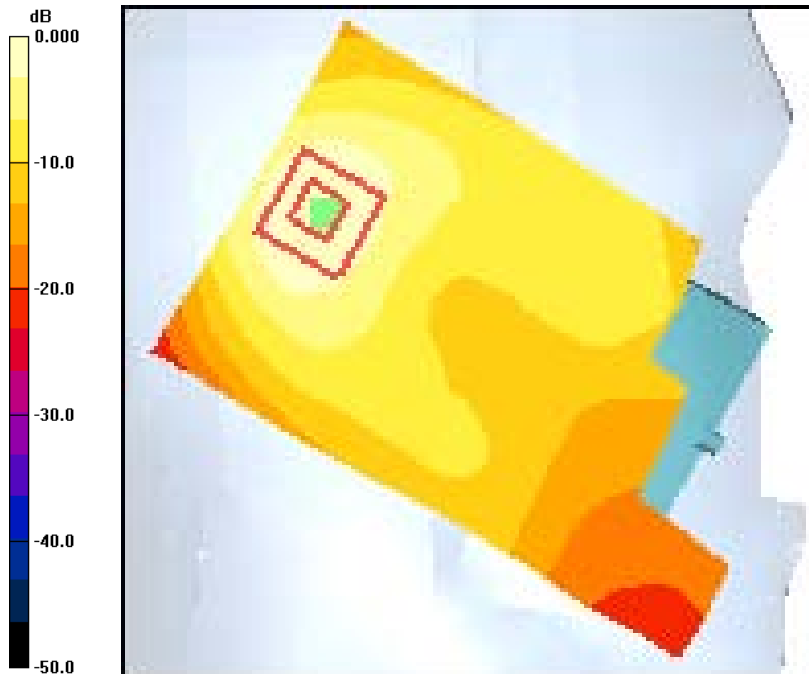
CDMA-1700_CH450 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.623mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Right Ch. 25 Right Cheek, Closed

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

Medium: HSL1700, Medium parameters used (interpolated): $f = 1711.25$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700 Ch25 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

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

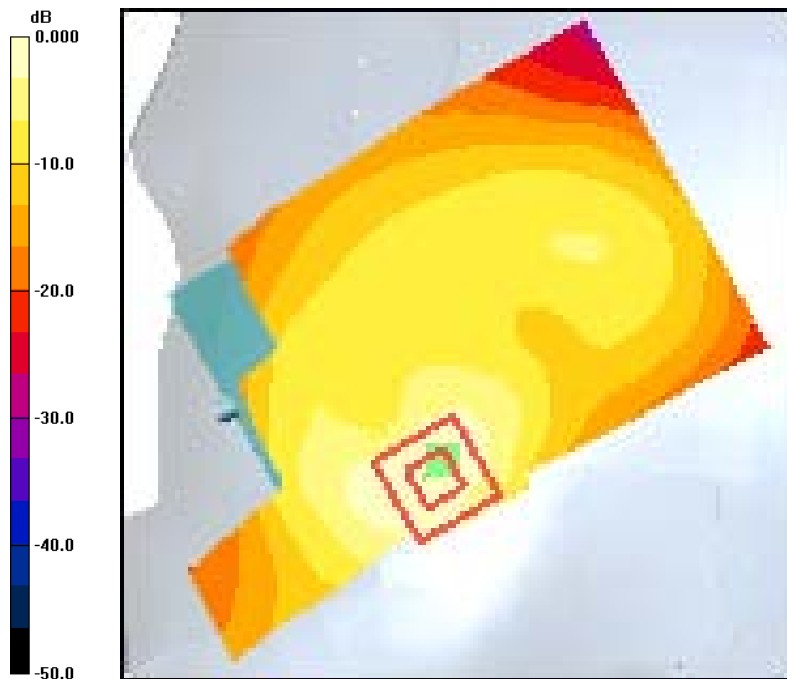
CDMA-1700 Ch25 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.570 mW/g

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



0 dB = 1.22mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Right Ch. 450 Right Cheek, Closed

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700 Ch450 RC closed/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.69 mW/g

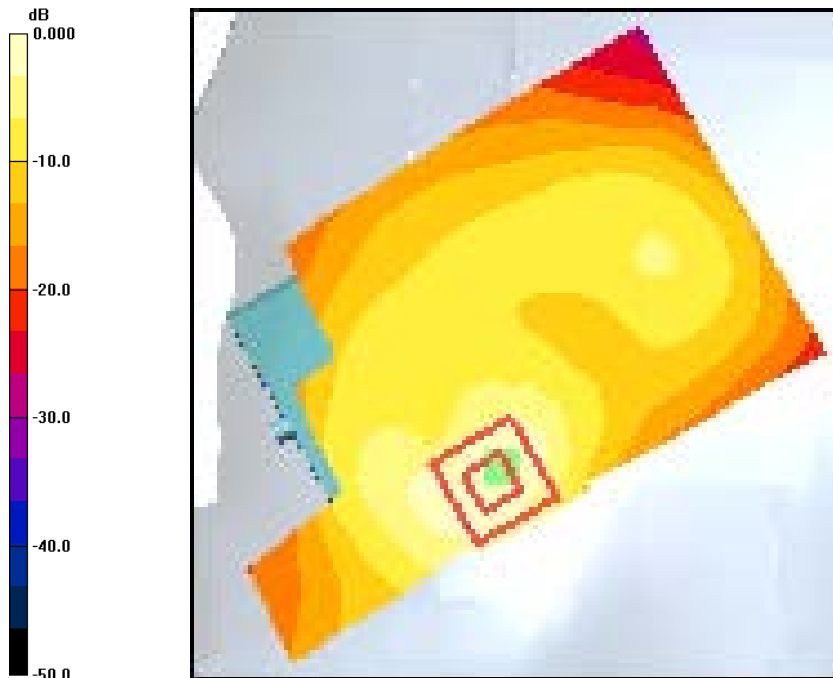
CDMA-1700 Ch450 RC closed/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.741 mW/g

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

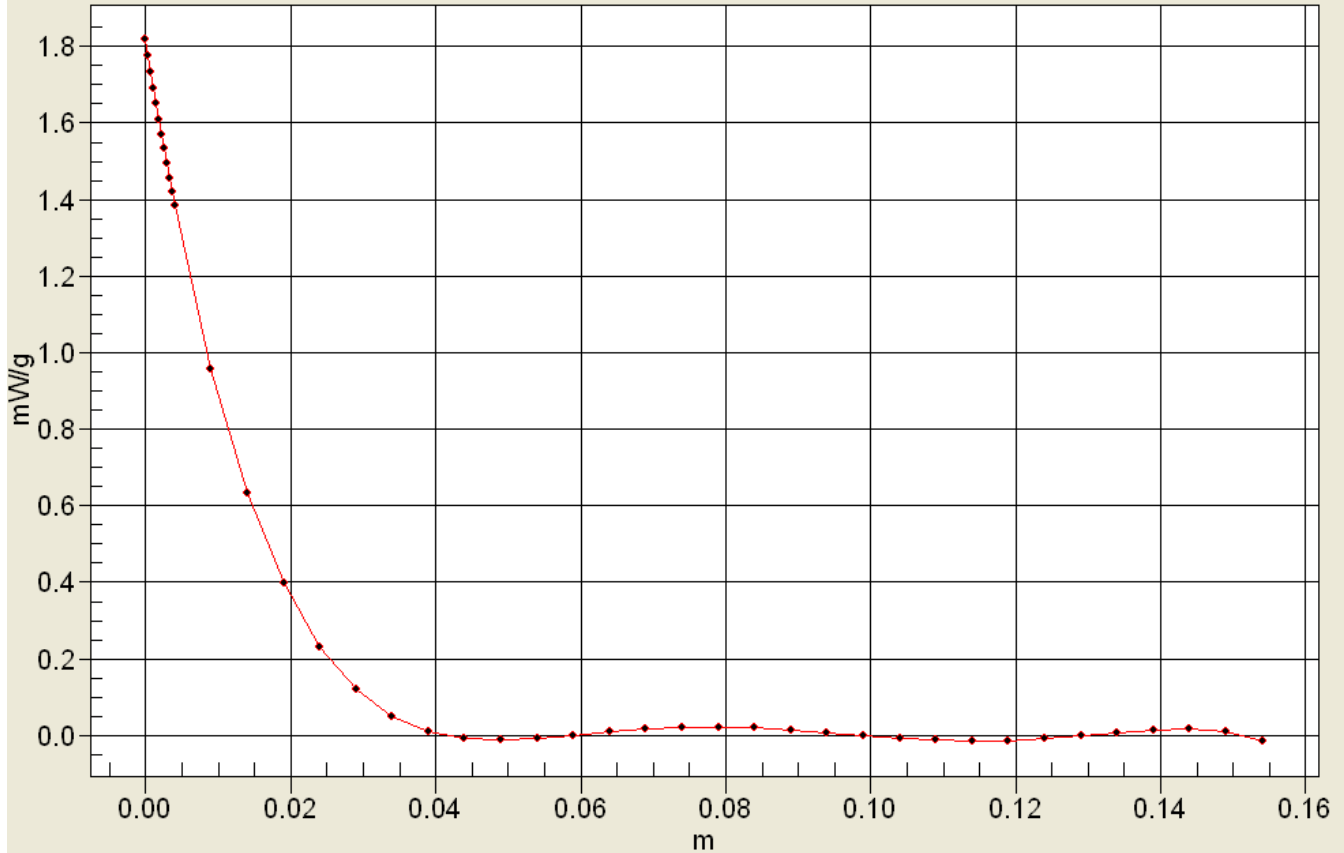


0 dB = 1.69mW/g



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

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



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Right Ch. 875 Right Cheek, Closed

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

Medium: HSL1700, Medium parameters used: $f = 1754$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700 Ch875 RC 2/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

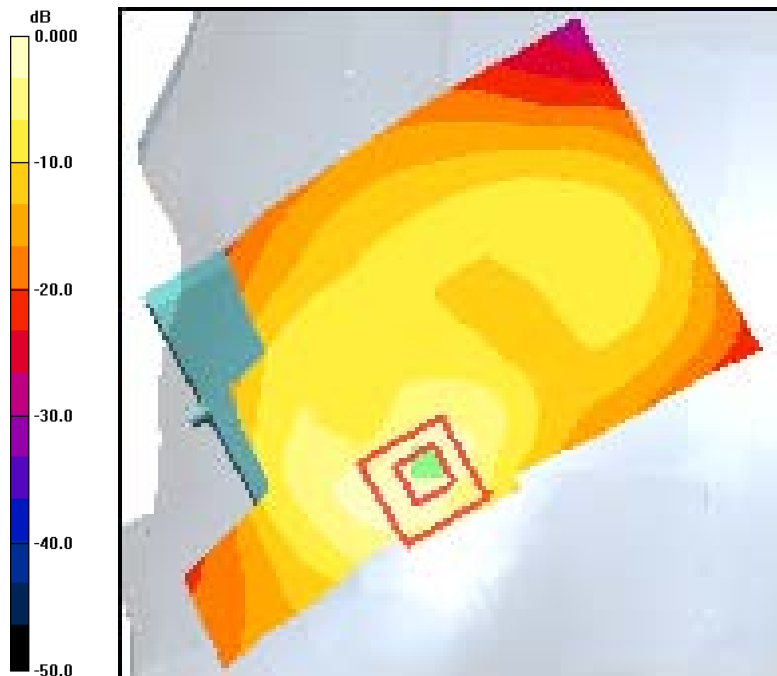
CDMA-1700 Ch875 RC 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.587 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Right Ch. 450 Right Tilt, Closed

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

Maximum value of SAR (interpolated) = 0.575 mW/g

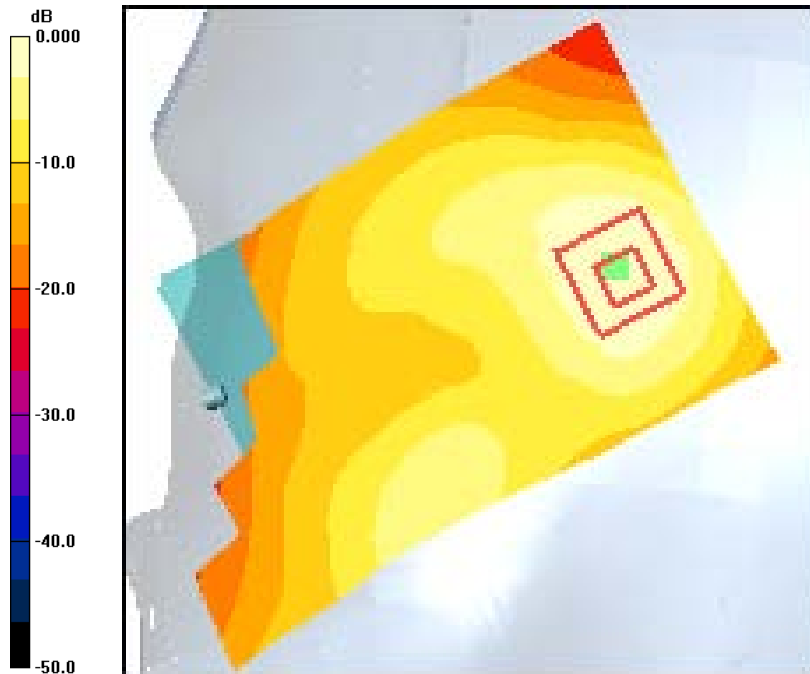
CDMA-1700 Ch450 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.574 mW/g



0 dB = 0.574mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Left Ch. 450 Left Cheek, Open

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700_CH450 LC Open/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.821 mW/g

CDMA-1700_CH450 LC Open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.879 mW/g

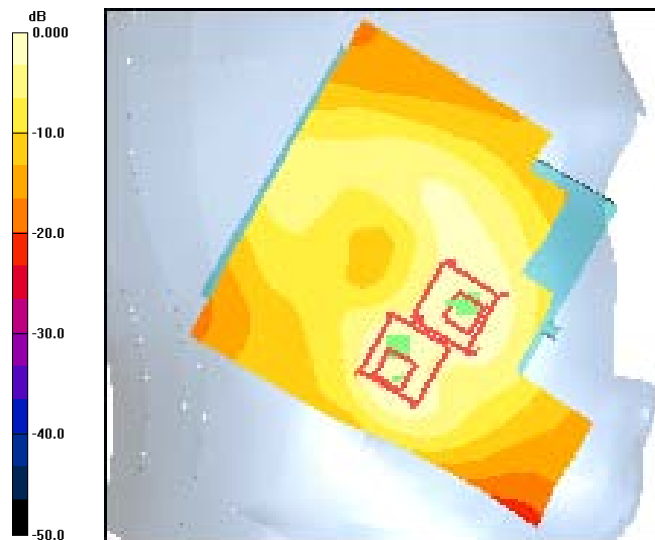
CDMA-1700_CH450 LC Open/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 0.807 mW/g



0 dB = 0.807mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Left Ch. 450 Left Tilt, Open

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700_CH450 LT/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

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

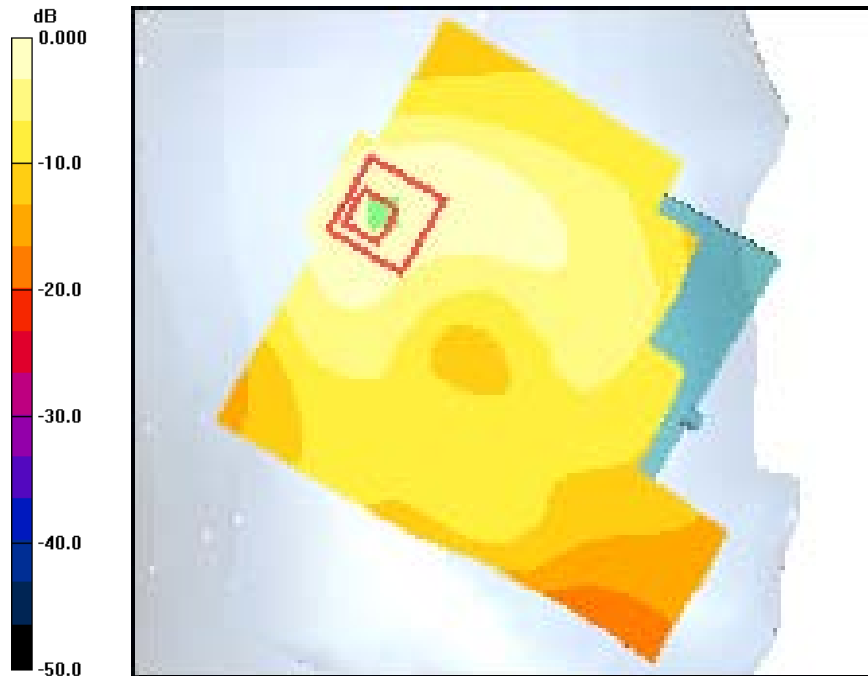
CDMA-1700_CH450 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.372 mW/g



0 dB = 0.372mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Right Ch. 450 Right Cheek, Open

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700 Ch450 RC/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

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

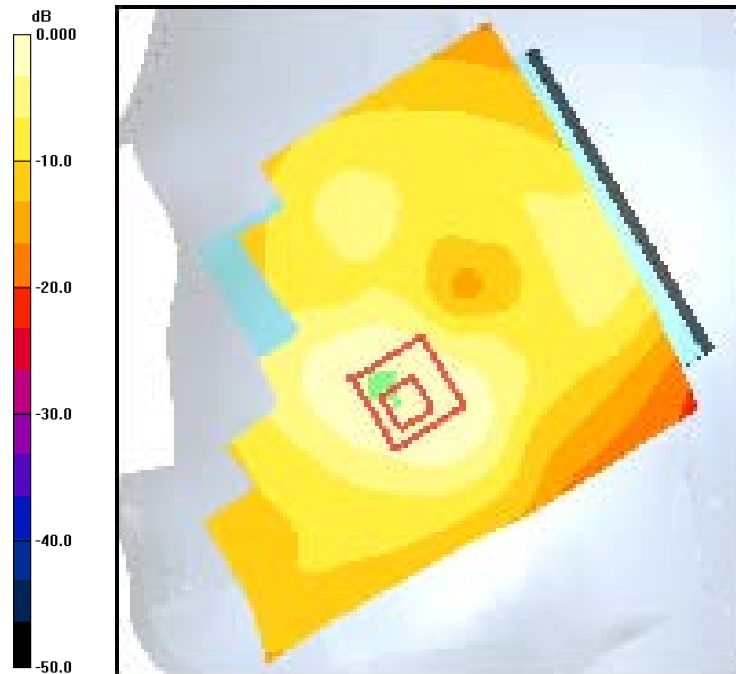
CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.479 mW/g

Maximum value of SAR (measured) = 0.816 mW/g



0 dB = 0.816mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/20/2011

FCC C5121 CDMA-1700 Right Ch. 450 Right Tilt, Open

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

Medium: HSL1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.41, 5.41, 5.41), Calibrated: 8/11/2010

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700 Ch450 RT/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.451 mW/g

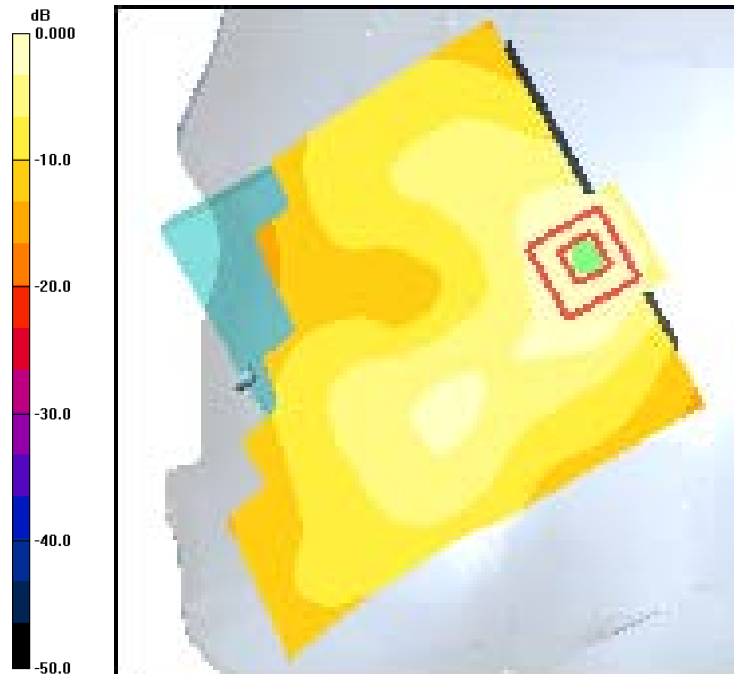
CDMA-1700 Ch450 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.409 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.422 mW/g



0 dB = 0.422mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

PCS

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Left Ch. 25 Left Cheek, Closed

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_Ch25 LC/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.805 mW/g

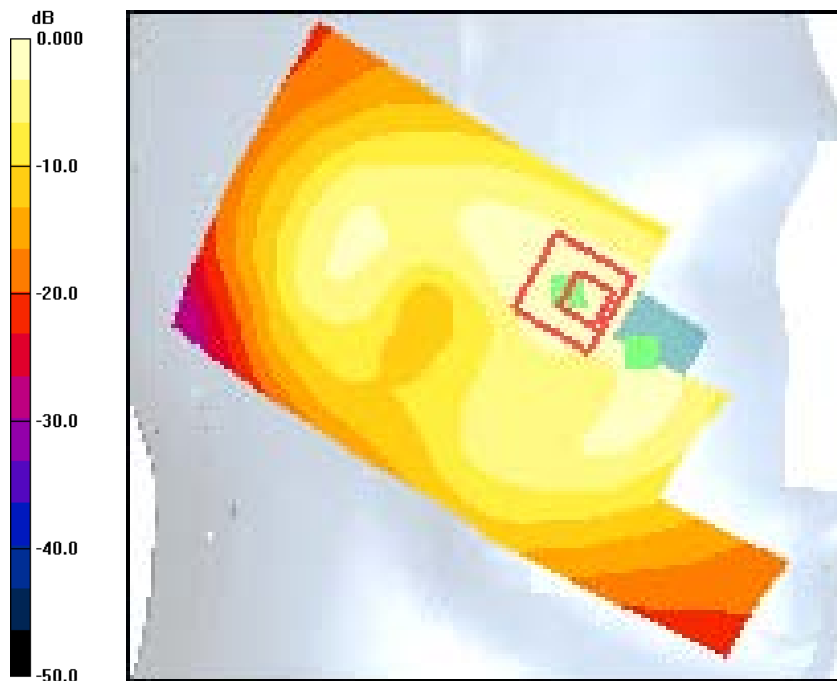
CDMA-1900_Ch25 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.865 mW/g



0 dB = 0.865mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Left Ch. 25 Left Tilt, Closed

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_Ch25 LT/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.722 mW/g

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

Reference Value = 20.5 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 25 Right Cheek, Closed

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch25 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

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

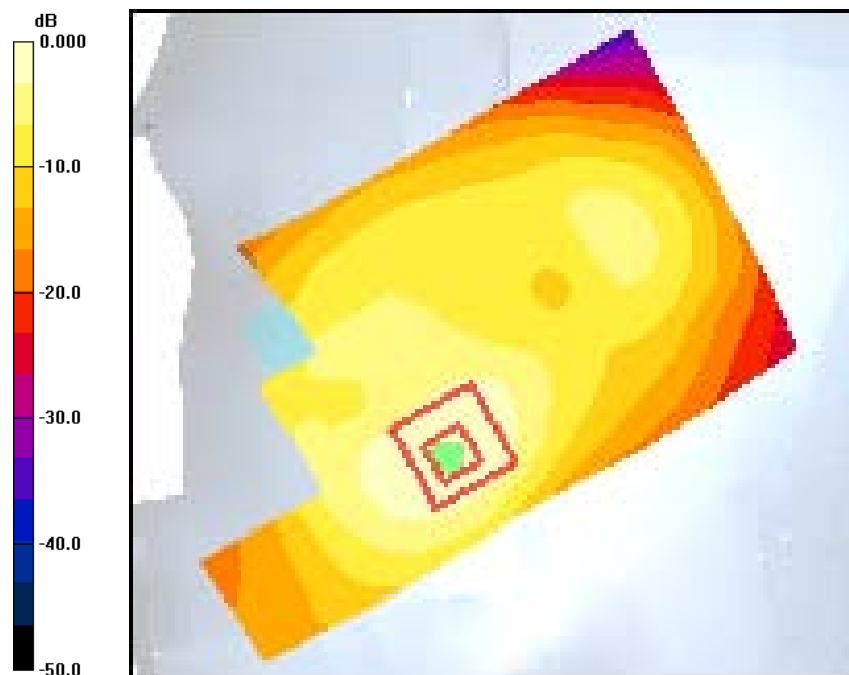
CDMA-1900 Ch25 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.68 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.789 mW/g

Maximum value of SAR (measured) = 1.61 mW/g

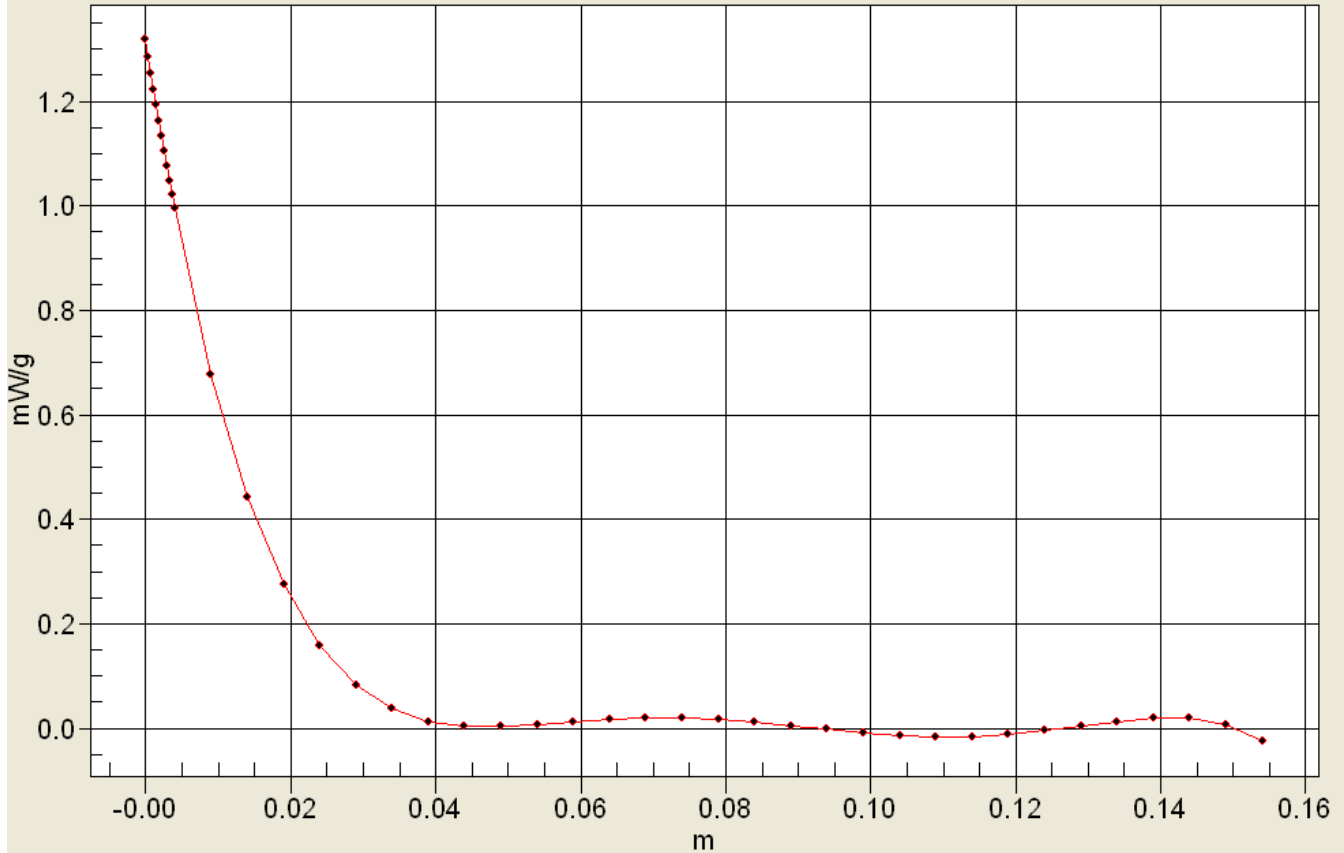


0 dB = 1.61mW/g



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

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



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 600 Right Cheek, Closed

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

Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

Maximum value of SAR (interpolated) = 1.37 mW/g

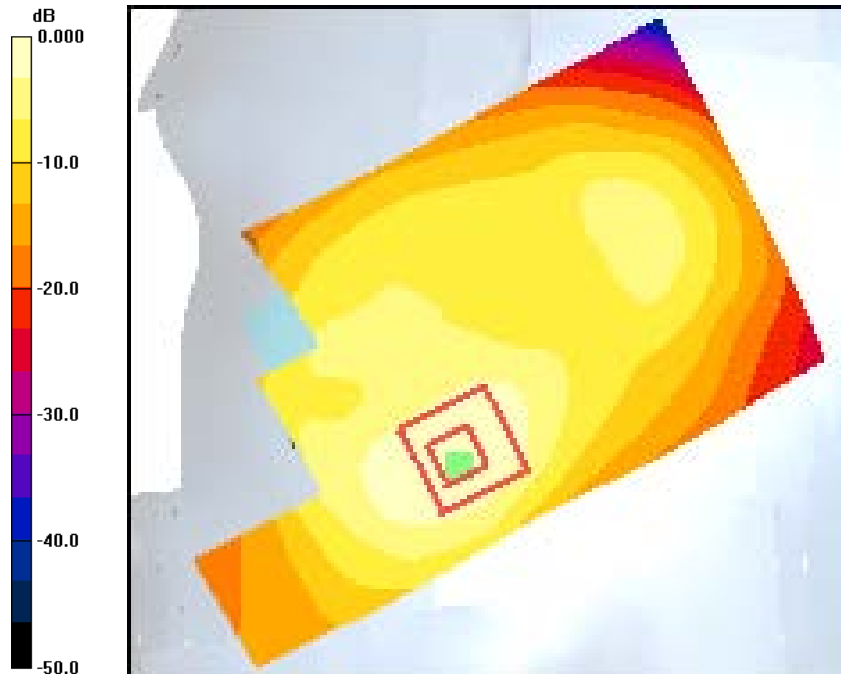
CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.737 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 1175 Right Cheek, Closed

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

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$

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: 5/5/2011

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 Ch1175 RC/Area Scan (111x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

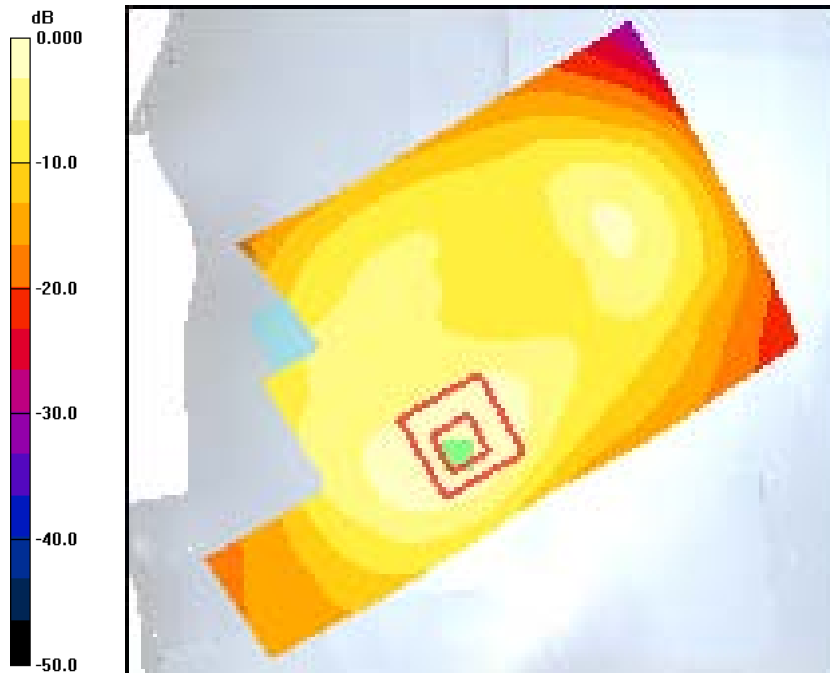
CDMA-1900 Ch1175 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.06 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.698 mW/g

Maximum value of SAR (measured) = 1.40 mW/g



0 dB = 1.40mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 25 Right Tilt, Closed

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch25 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

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

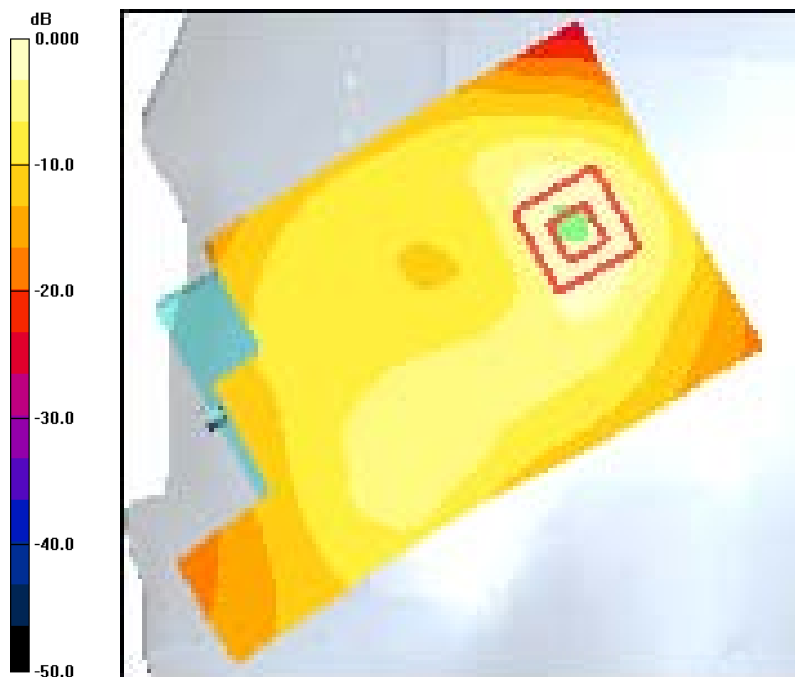
CDMA-1900 Ch25 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.28 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.893 W/kg

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Left Ch. 25 Left Cheek, Open

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_Ch25 LC Open/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm

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

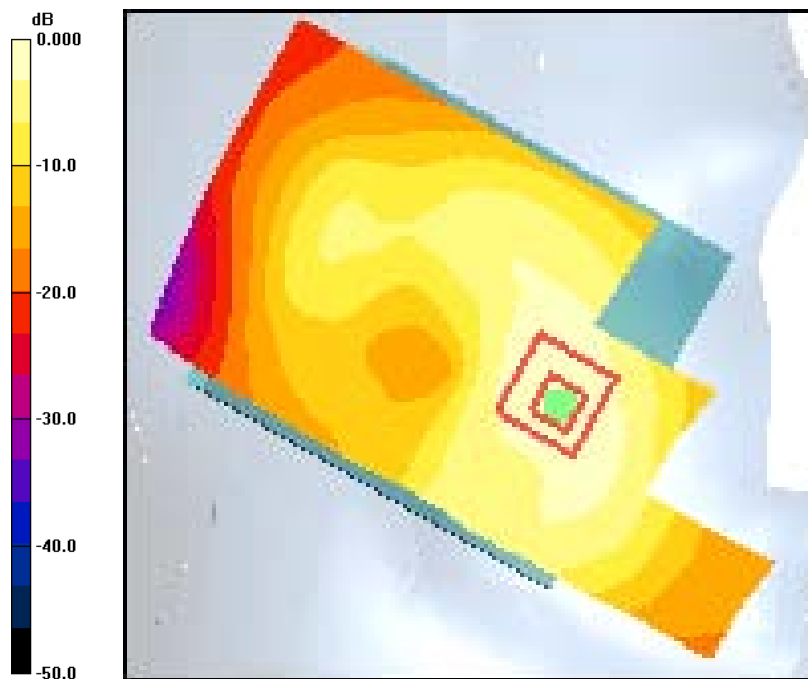
CDMA-1900_Ch25 LC Open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.684 mW/g

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



0 dB = 1.25mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Left Ch. 600 Left Cheek, Open

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

Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

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

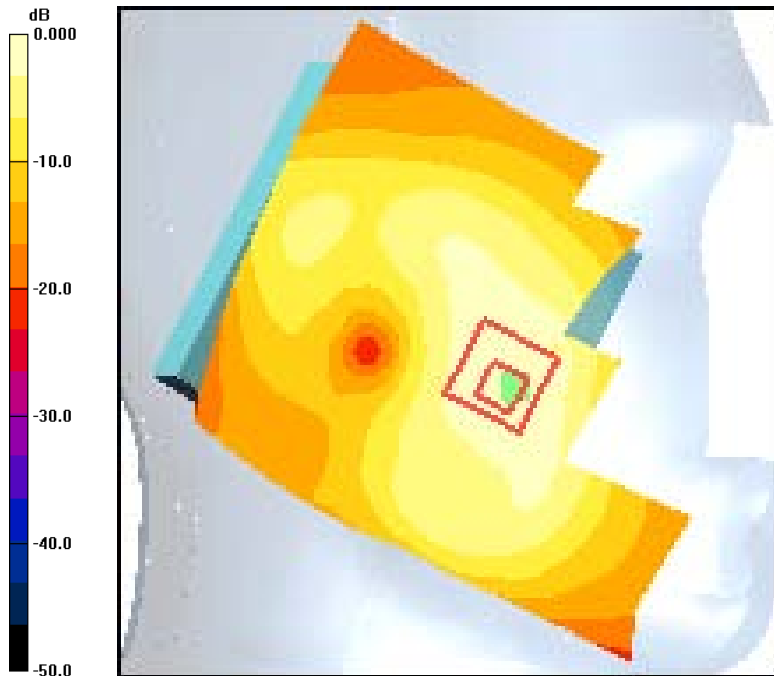
CDMA-1900_CH600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.590 mW/g

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



0 dB = 1.05mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Left Ch. 1175 Left Cheek, Open

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_Ch 1175 LC/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.18 mW/g

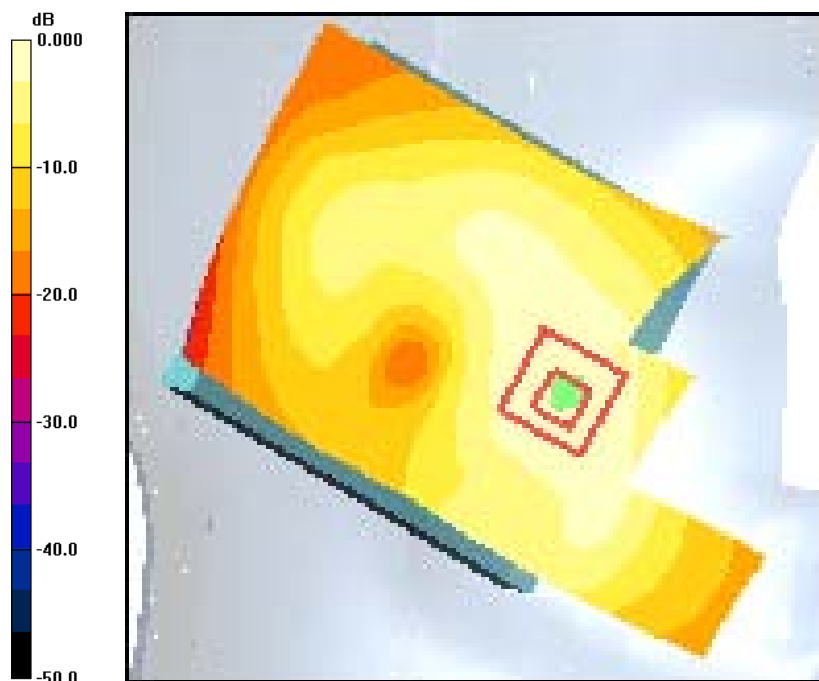
CDMA-1900_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



0 dB = 0.972mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Left Ch. 25 Left Tilt, Open

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_Ch25 LT Open/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.379 mW/g

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

Reference Value = 13.1 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.176 mW/g

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

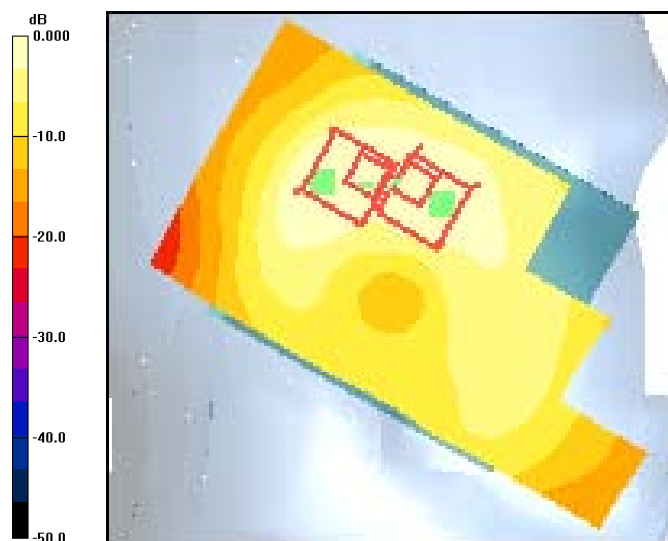
CDMA-1900_Ch25 LT Open/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.331 mW/g



0 dB = 0.331mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 25 Right Cheek, Open

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch25 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 mW/g

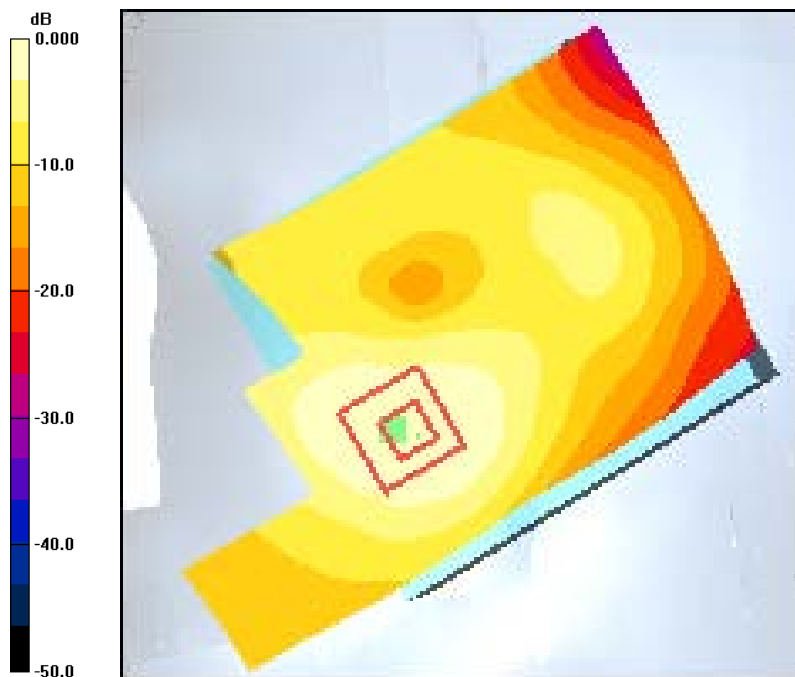
CDMA-1900 Ch25 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.15 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.632 mW/g

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



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 450 Right Cheek, Open

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

Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch600 RC/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.996 mW/g

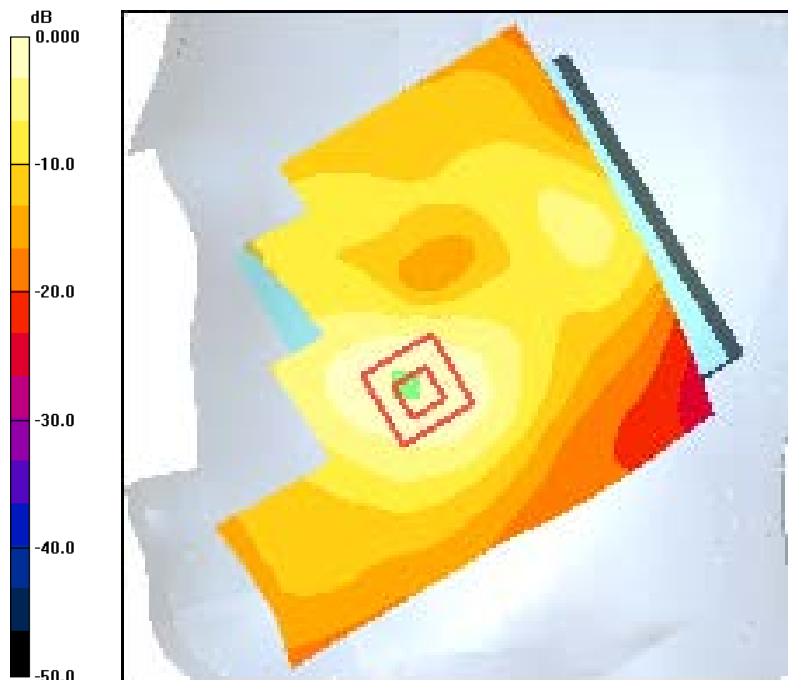
CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 0.940 mW/g



0 dB = 0.940mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 1175 Right Cheek, Open

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch1175 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.13 mW/g

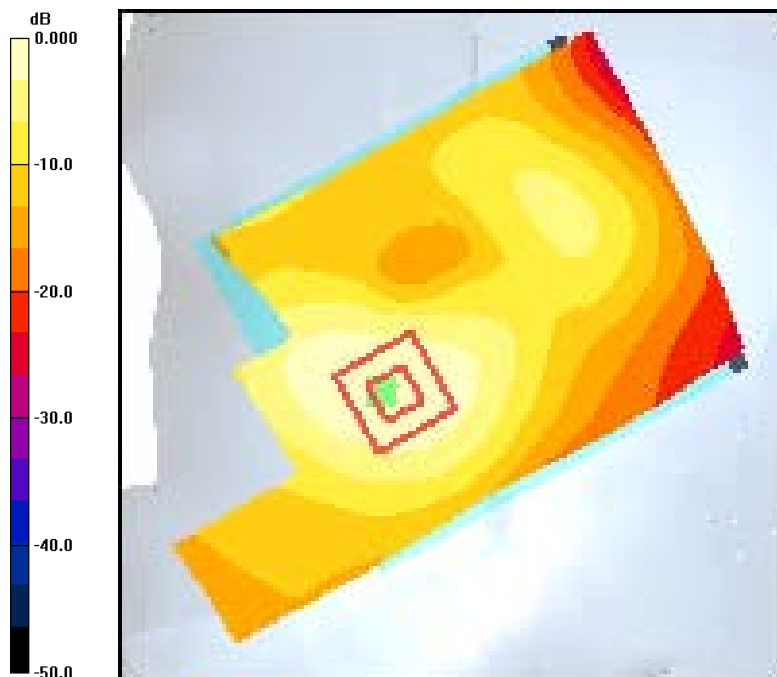
CDMA-1900 Ch1175 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.65 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.573 mW/g

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



0 dB = 1.02mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/15/2011

FCC C5121 CDMA-1900 Right Ch. 25 Right Tilt, Open

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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

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: 5/5/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch25 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.325 mW/g

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

Reference Value = 4.06 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.186 mW/g

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

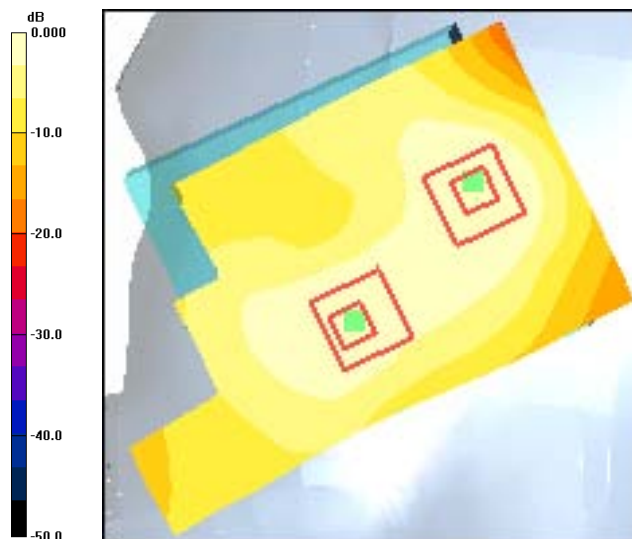
CDMA-1900 Ch25 RT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.06 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

WLAN

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Left Ch. 1 Left Cheek, Closed

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

WLAN Ch1_LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.123 mW/g

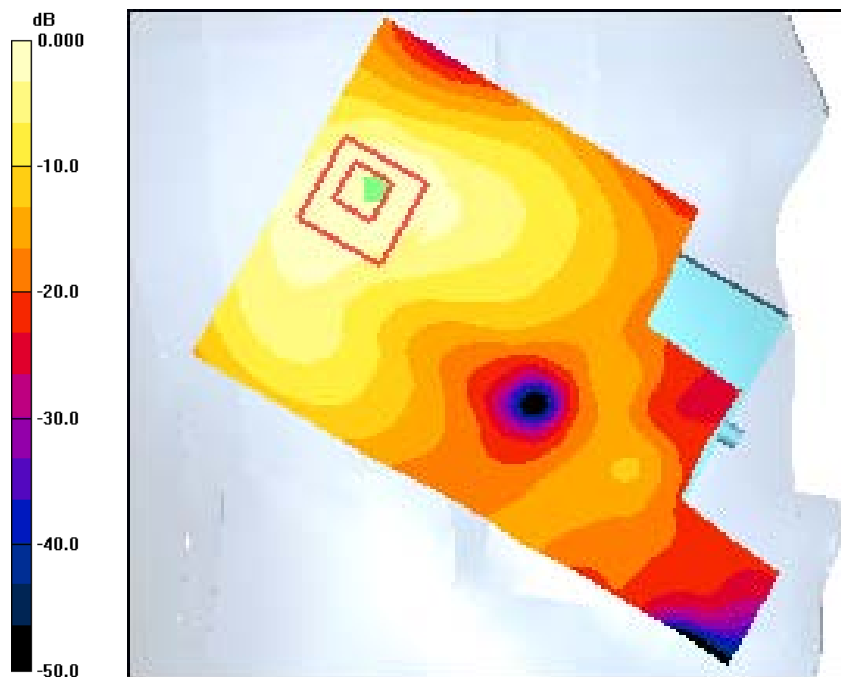
WLAN Ch1_LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.62 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.117mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Left Ch. 1 Left Tilt, Closed

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

WLAN_Ch1 LT/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.107 mW/g

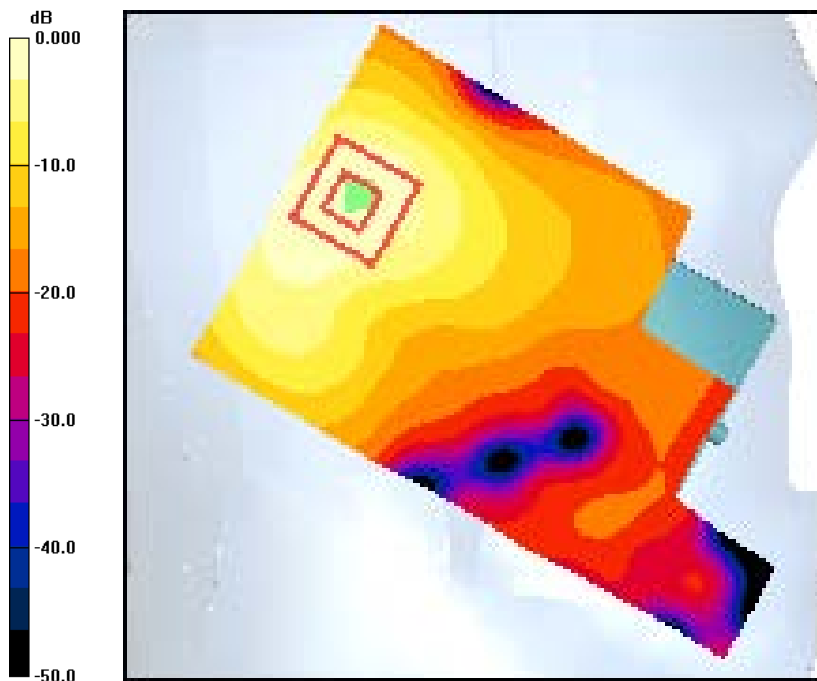
WLAN_Ch1 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Right Ch. 1 Right Cheek, Closed

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

Maximum value of SAR (interpolated) = 0.115 mW/g

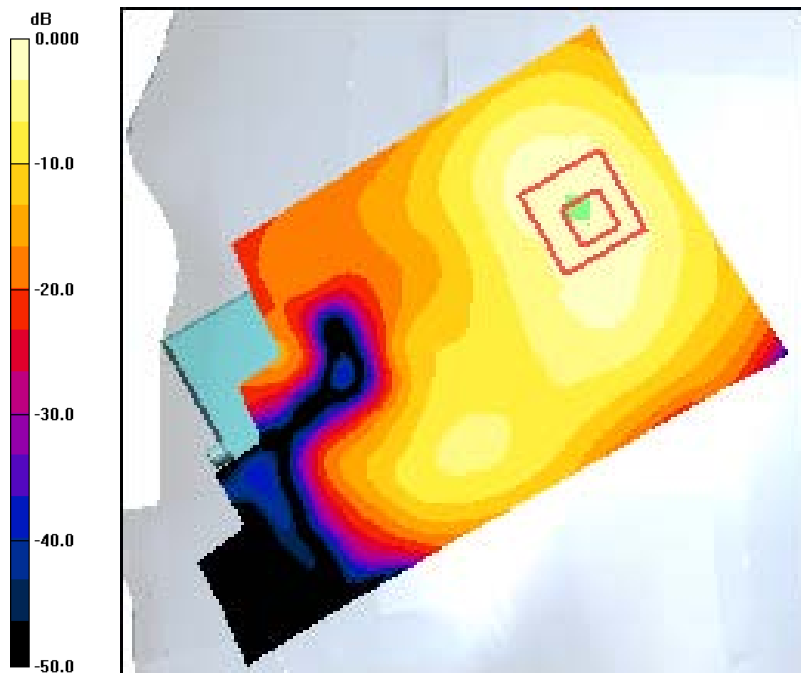
WLAN Ch1 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.108mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Right Ch. 1 Right Tilt, Closed

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

Maximum value of SAR (interpolated) = 0.108 mW/g

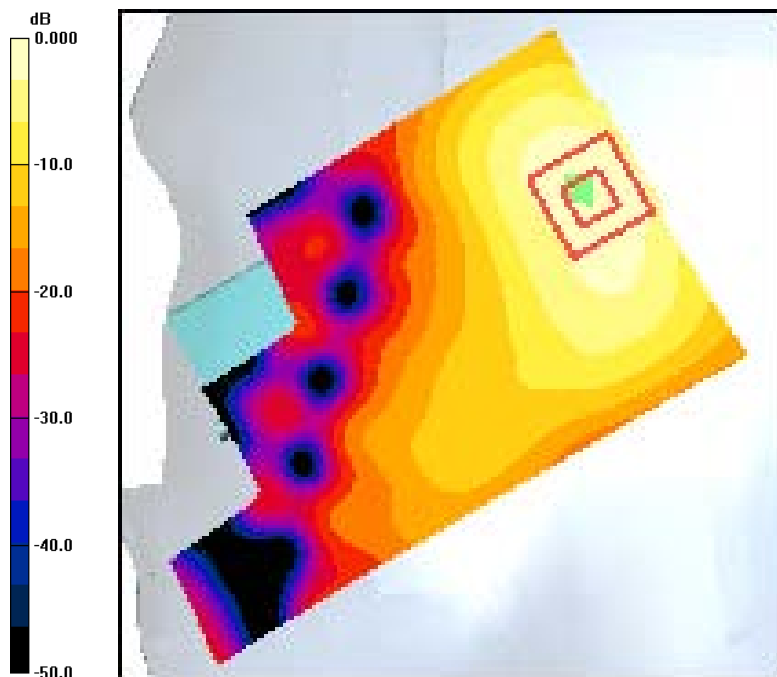
WLAN Ch1 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.117mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Left Ch. 1 Left Cheek, Open

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

WLAN Ch1_LC/Area Scan (101x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.040 mW/g

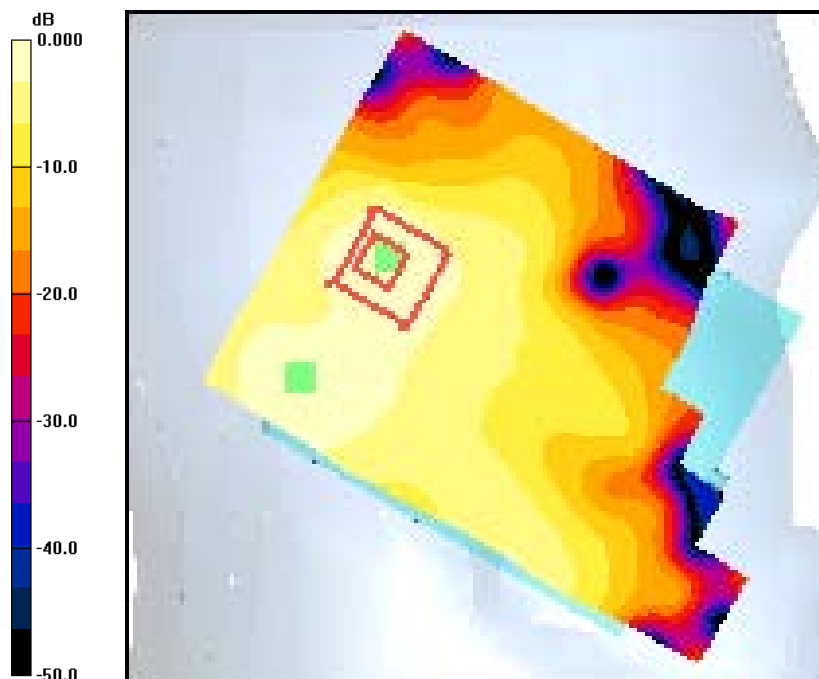
WLAN Ch1_LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.75 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.044 mW/g



0 dB = 0.044mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Left Ch. 1 Left Tilt, Open

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

WLAN_Ch1 LT/Area Scan (101x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

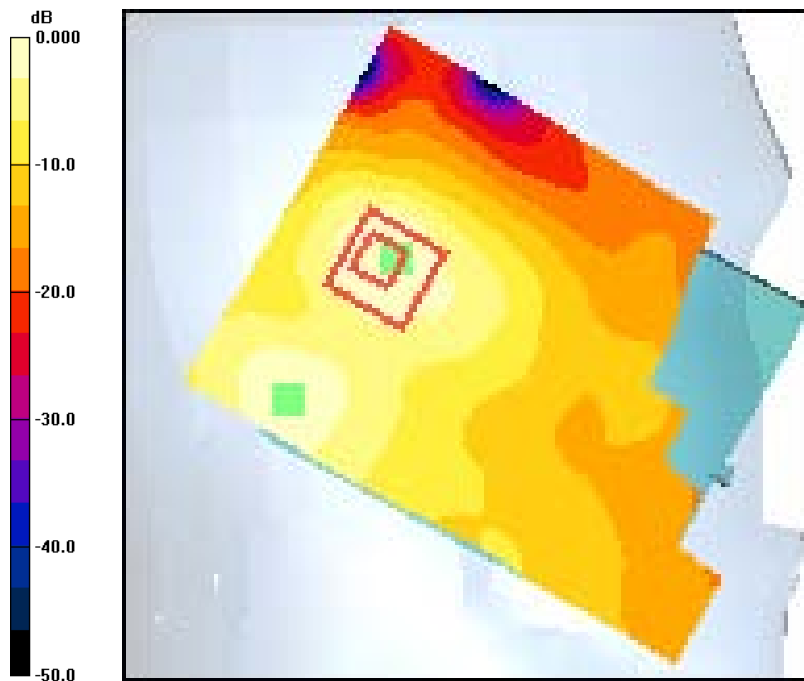
WLAN_Ch1 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.16 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.056 mW/g



0 dB = 0.056mW/g

Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Right Ch. 1 Right Cheek, Open

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

Maximum value of SAR (interpolated) = 0.155 mW/g

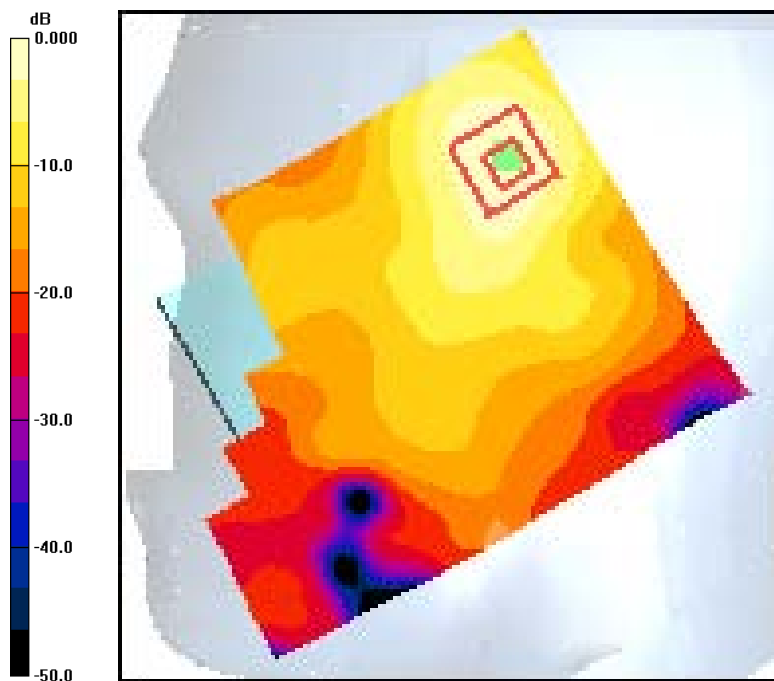
WLAN Ch1 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.069 mW/g

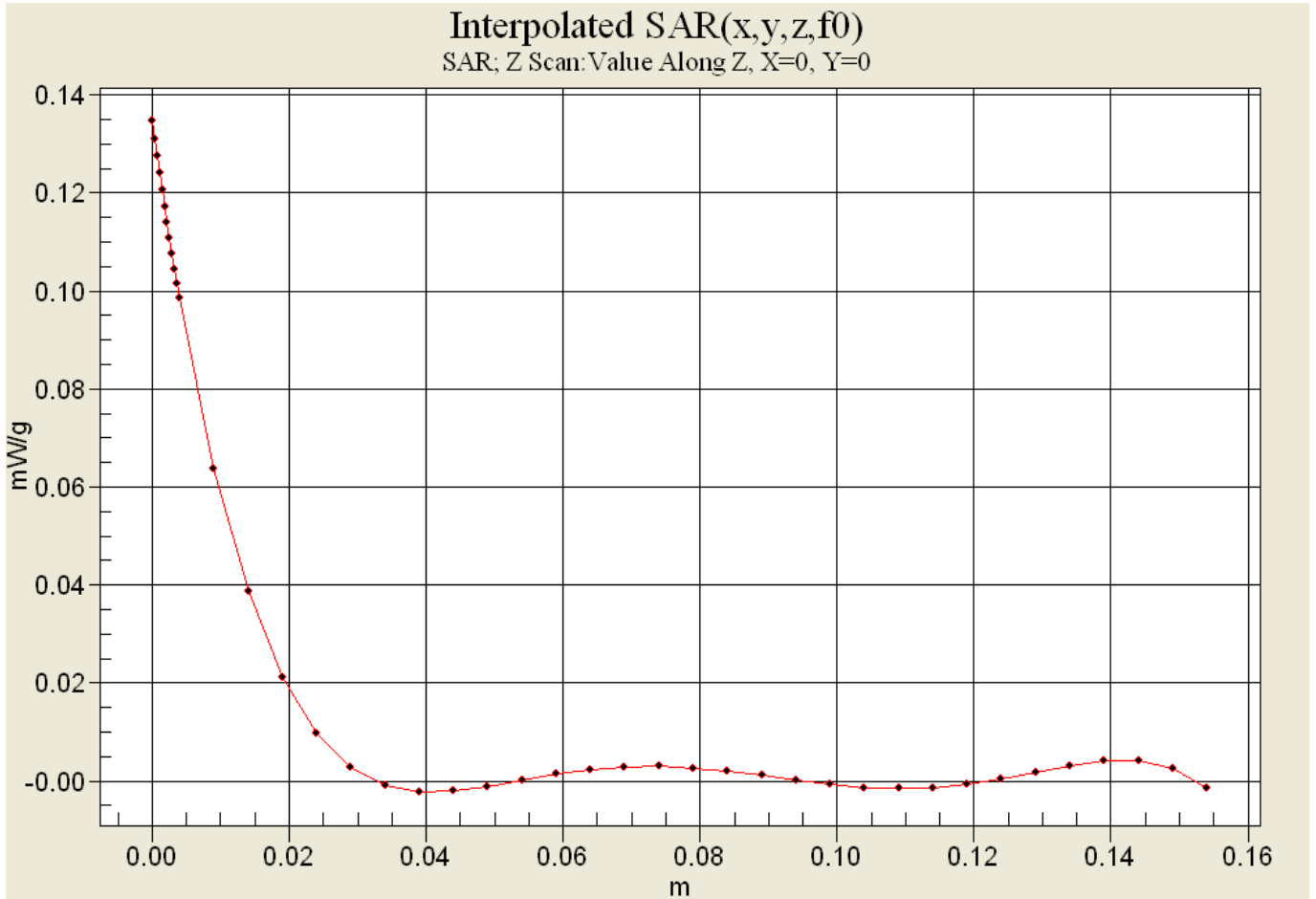
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.152mW/g



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0



Applicant:	Kyocera
FCC ID:	OVFC51213CD
IC#:	3572A-C5121
Report #:	CT- C5121-9B1-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC C5121 WLAN-2450 Right Ch. 1 Right Tilt, Open

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

Medium: HSL2450, Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

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

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

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

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

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

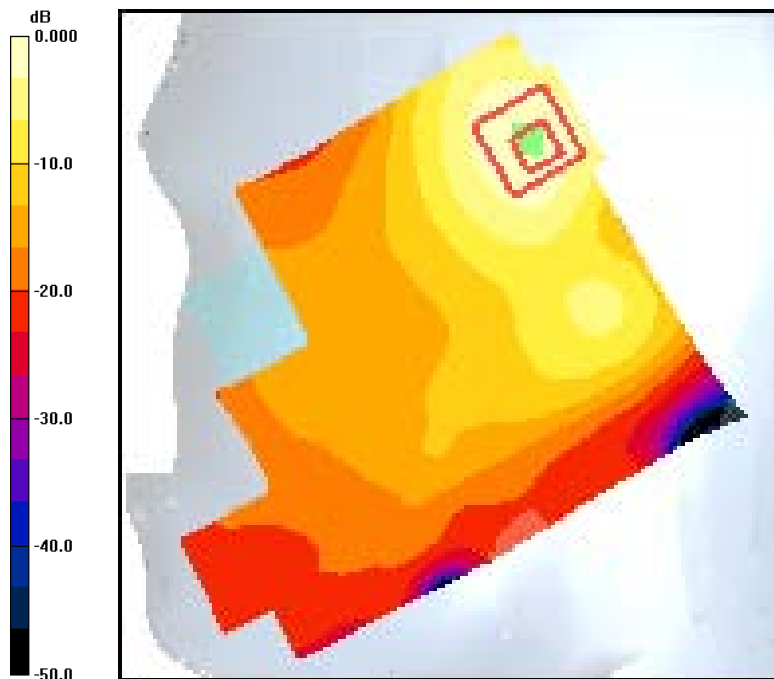
WLAN Ch1 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.49 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g