

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

EXHIBIT 9 Appendix B1: SAR DISTRIBUTION PLOTS (HEAD)

PCS

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1900_Ch25 LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.895 mW/g

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

Reference Value = 13.1 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.472 mW/g

Maximum value of SAR (measured) = 0.899 mW/g

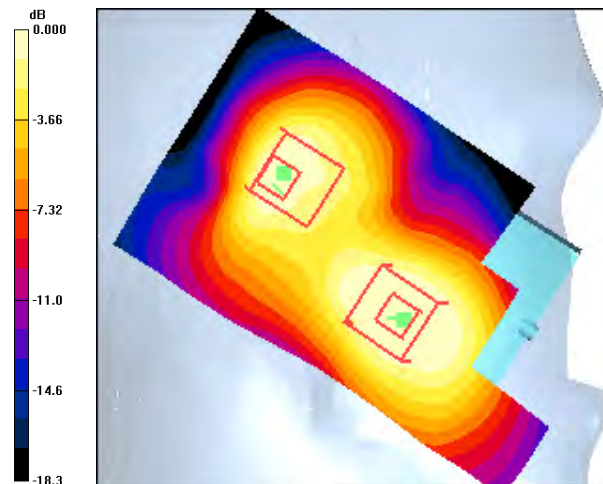
CDMA-1900_Ch25 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.572 mW/g



0 dB = 0.572mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Left, Ch.600, Left Cheek, Closed

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 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

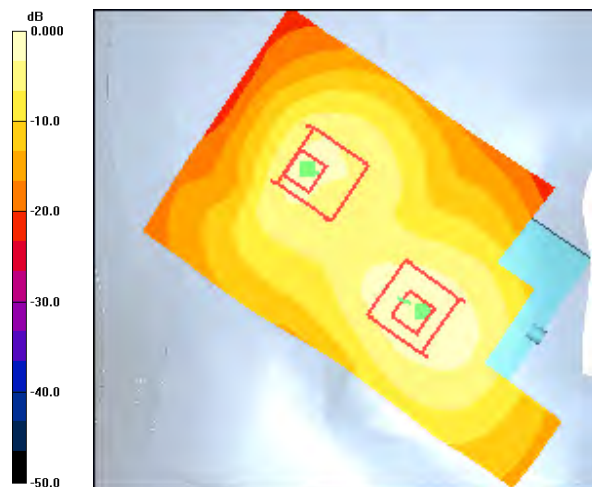
Temperature:

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

CDMA-1900_CH600 LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.27 mW/g

CDMA-1900_CH600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.4 V/m; Power Drift = 0.082 dB
 Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.631 mW/g
 Maximum value of SAR (measured) = 1.19 mW/g

CDMA-1900_CH600 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.4 V/m; Power Drift = 0.082 dB
 Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.408 mW/g
 Maximum value of SAR (measured) = 0.719 mW/g



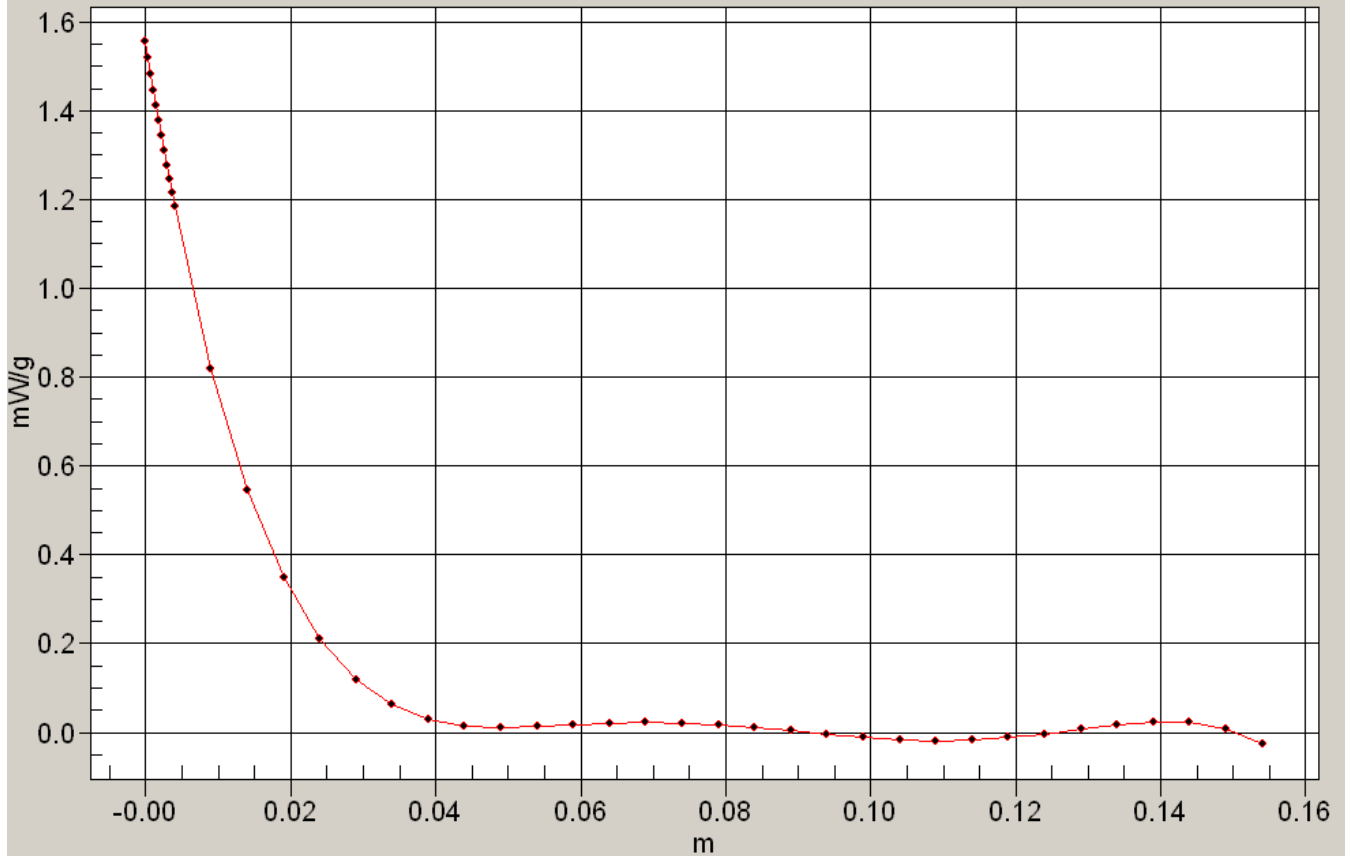
0 dB = 1.27mW/g



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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Left, Ch. 1175, Left Cheek, Closed

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

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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

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

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

Reference Value = 15.3 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.687 mW/g

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

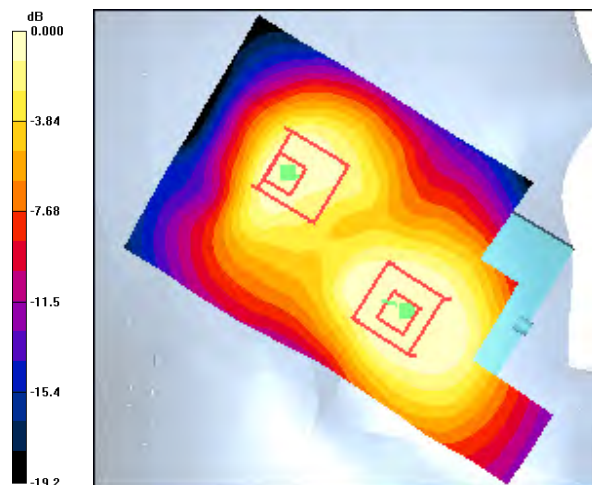
CDMA-1900_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.429 mW/g

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



0 dB = 0.757mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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) = 0.802 mW/g

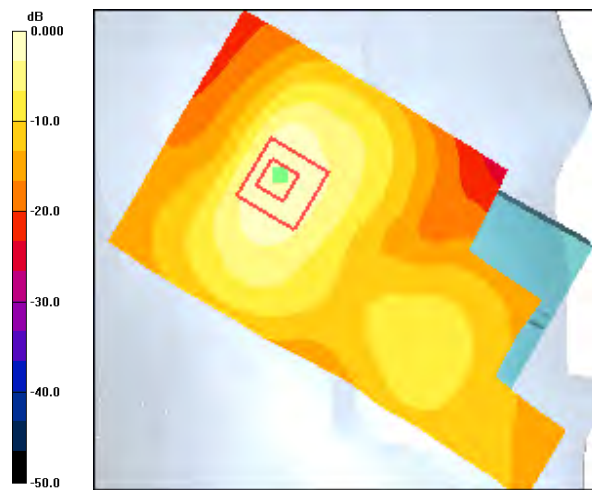
CDMA-1900_Ch25 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.714 mW/g



0 dB = 0.802mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Left, Ch. 600, Left Tilt, Closed

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

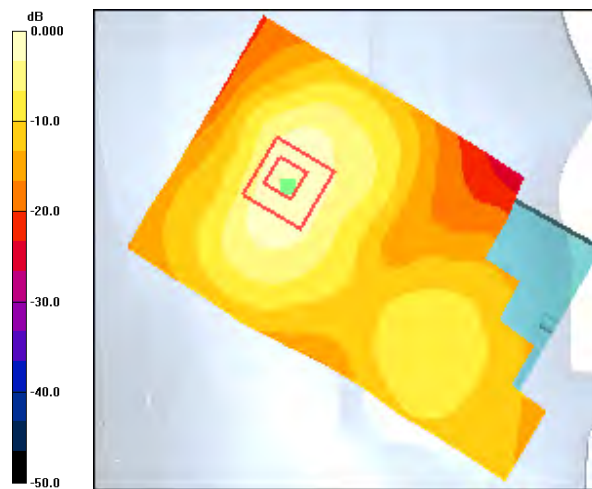
Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn675, Calibrated: 5/5/2011
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_CH600 LT/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.03 mW/g

CDMA-1900_CH600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 21.9 V/m; Power Drift = 0.099 dB
 Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.466 mW/g
 Maximum value of SAR (measured) = 0.881 mW/g



0 dB = 1.03mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Left, Ch. 1175, Left Tilt, Closed

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

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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

Maximum value of SAR (interpolated) = 0.914 mW/g

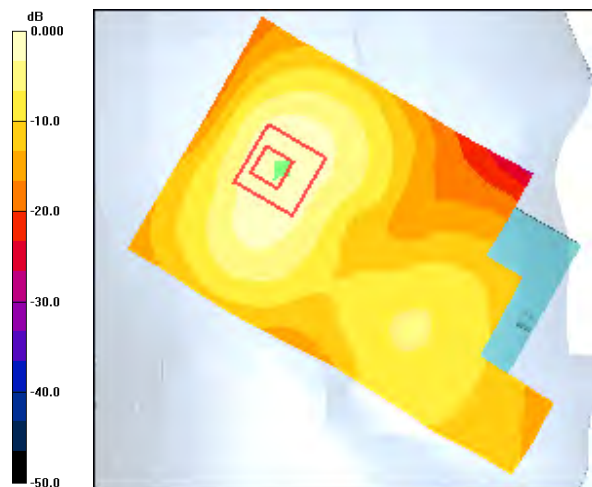
CDMA-1900_Ch 1175 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.914mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 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

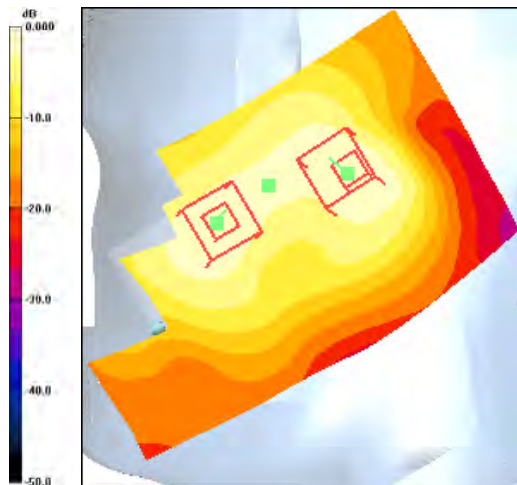
Temperature:

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

CDMA-1900 Ch600 RC/Area Scan (11x71x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.832 mW/g

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.1 V/m; Power Drift = -0.097 dB
 Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.437 mW/g
 Maximum value of SAR (measured) = 0.804 mW/g

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.1 V/m; Power Drift = -0.097 dB
 Peak SAR (extrapolated) = 0.898 W/kg
SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.367 mW/g
 Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.832mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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) = 0.801 mW/g

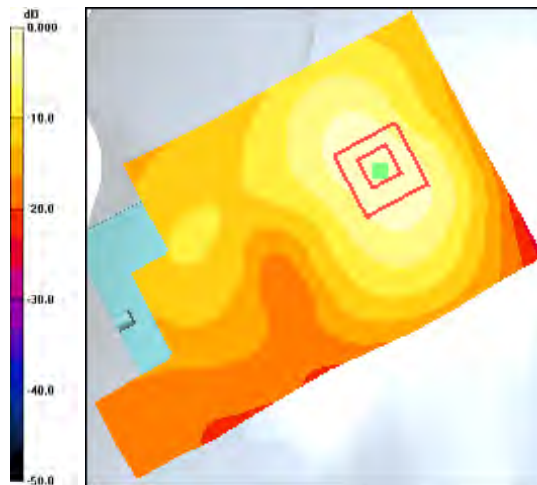
CDMA-1900 Ch25 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.17 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.410 mW/g

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



0 dB = 0.801mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Right, Ch. 600, Right Tilt, Closed

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

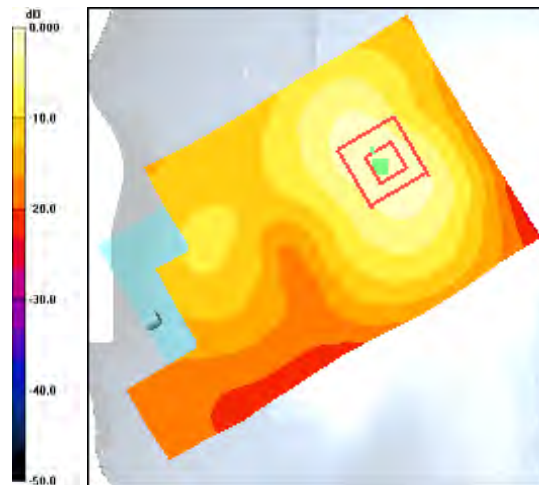
Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn675, Calibrated: 5/5/2011
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 Ch600 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.995 mW/g

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 21.1 V/m; Power Drift = 0.174 dB
 Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.510 mW/g
 Maximum value of SAR (measured) = 0.975 mW/g



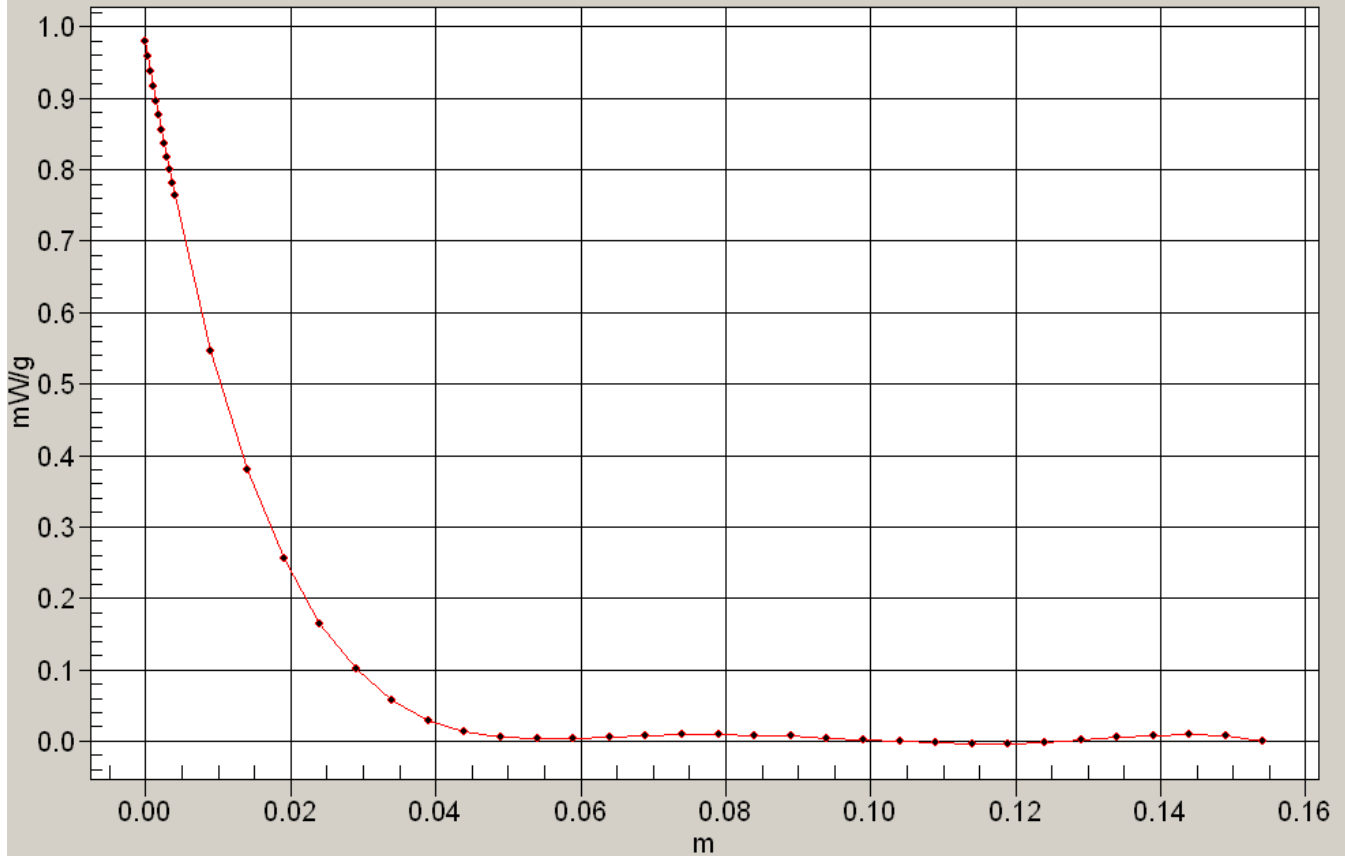
0 dB = 0.995mW/g



Applicant:	Kyocera
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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Right, Ch. 1175, Right Tilt, Closed

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

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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

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

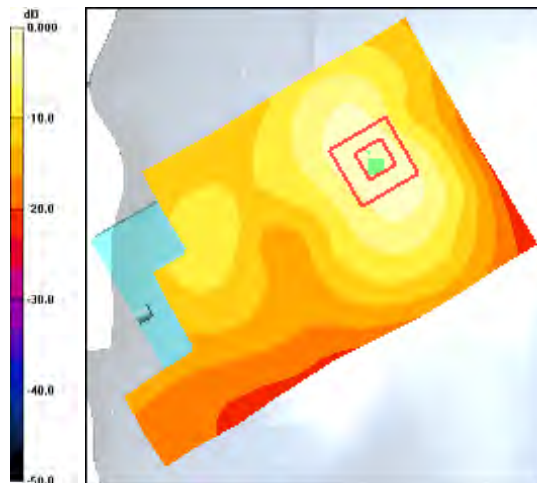
CDMA-1900 Ch1175 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.42 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.919 mW/g



0 dB = 0.926mW/g

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Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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 LC/Area Scan (111x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

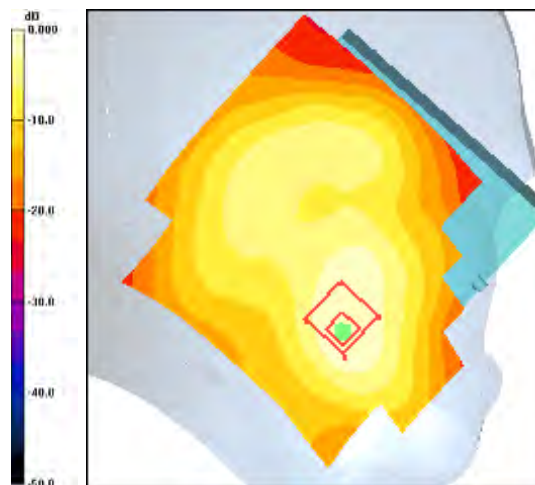
CDMA-1900_Ch25 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.648 mW/g

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



0 dB = 1.14mW/g

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Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

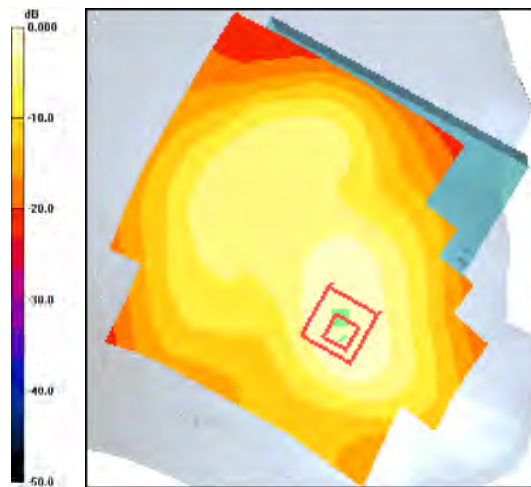
Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn675, Calibrated: 5/5/2011
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900_CH600 LC/Area Scan (111x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.46 mW/g

CDMA-1900_CH600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.2 V/m; Power Drift = 0.019 dB
 Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.848 mW/g
 Maximum value of SAR (measured) = 1.49 mW/g



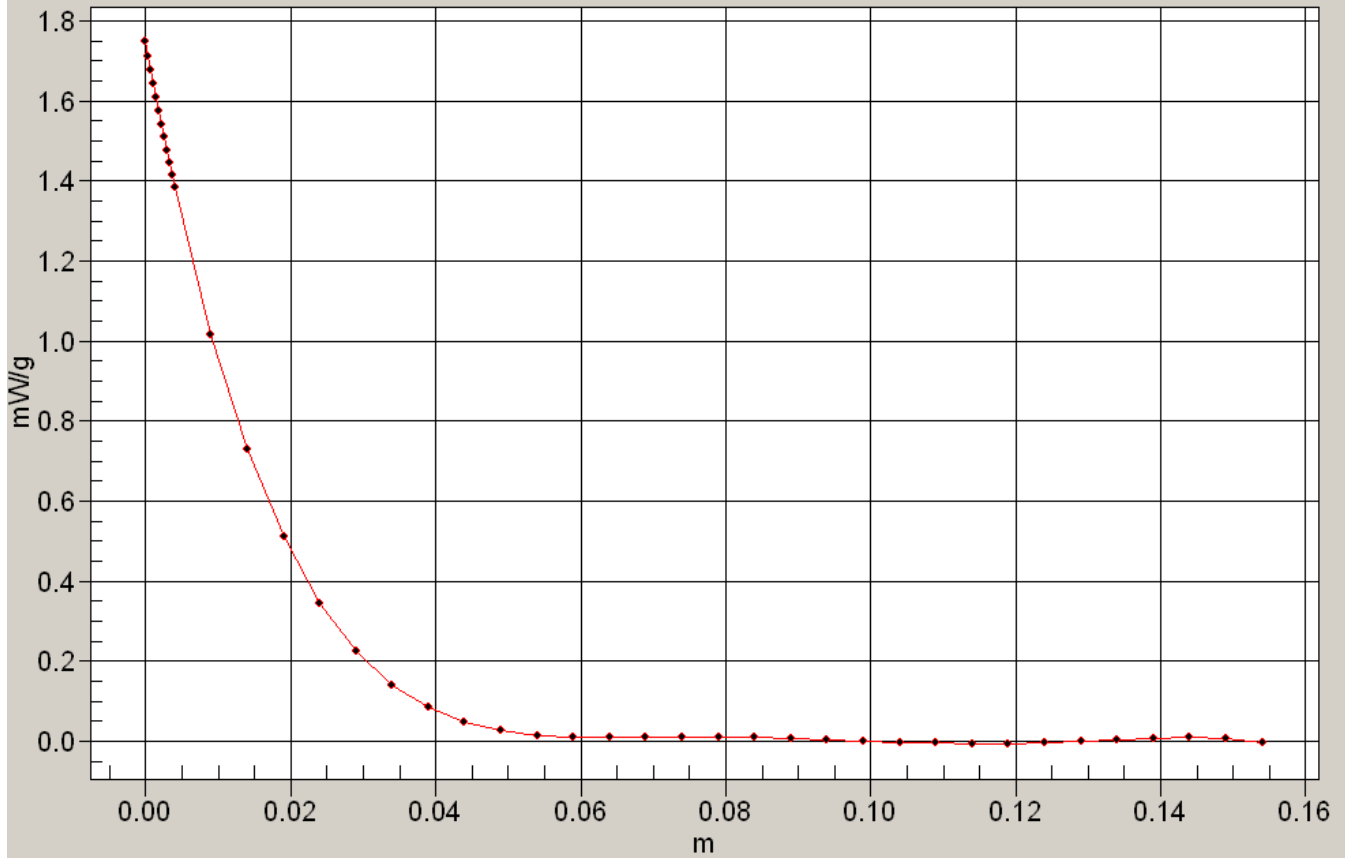
0 dB = 1.46mW/g



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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011

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 (111x91x1): Measurement grid: dx=15mm, dy=15mm

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

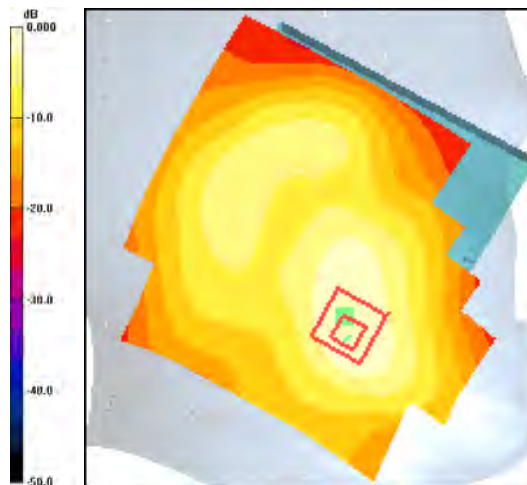
CDMA-1900_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.759 mW/g

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



0 dB = 1.36mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/05/2012

FCC C5155 CDMA-1900 Left, Ch. 600, Left Tilt, Open

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 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_CH600 LT/Area Scan (111x91x1): Measurement grid: dx=15mm, dy=15mm

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

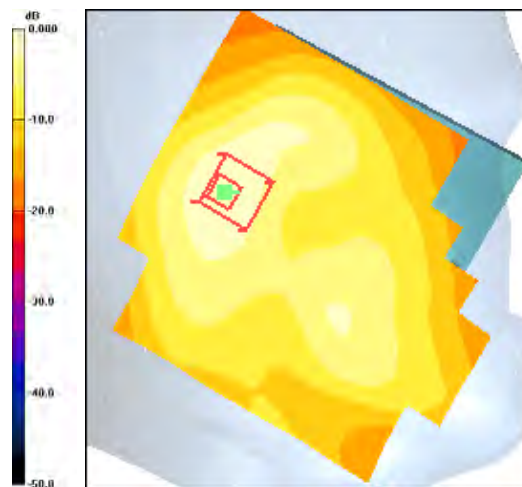
CDMA-1900_CH600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.361 mW/g

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



0 dB = 0.675mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/06/2012

FCC C5155 CDMA-1900 Right, Ch. 600, Right Cheek, Open

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 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

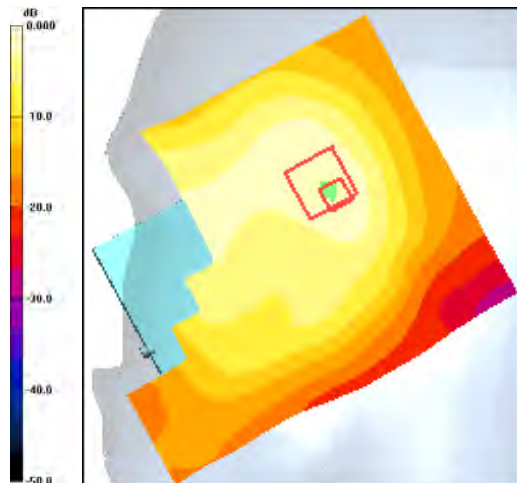
Temperature:

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

CDMA-1900 Ch600 RC/Area Scan (111x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.851 mW/g

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 13.5 V/m; Power Drift = 0.136 dB
 Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.806 mW/g



0 dB = 0.851mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/06/2012

FCC C5155 CDMA-1900 Right, Ch. 600, Right Tilt, Open

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.06, 5.06, 5.06), Calibrated: 5/11/2011
 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

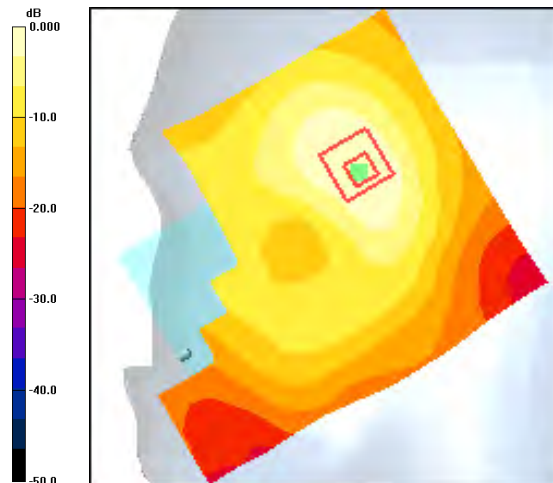
Temperature:

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

CDMA-1900 Ch600 RT/Area Scan (111x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.792 mW/g

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.3 V/m; Power Drift = -0.031 dB
 Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.758 mW/g



0 dB = 0.792mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

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Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011
 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) = 0.040 mW/g

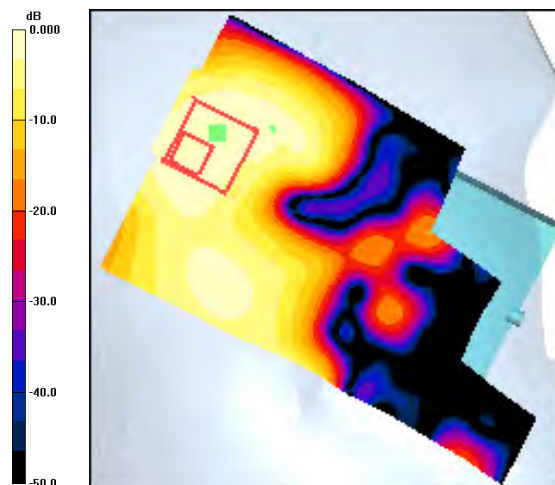
WLAN Ch1_LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.16 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



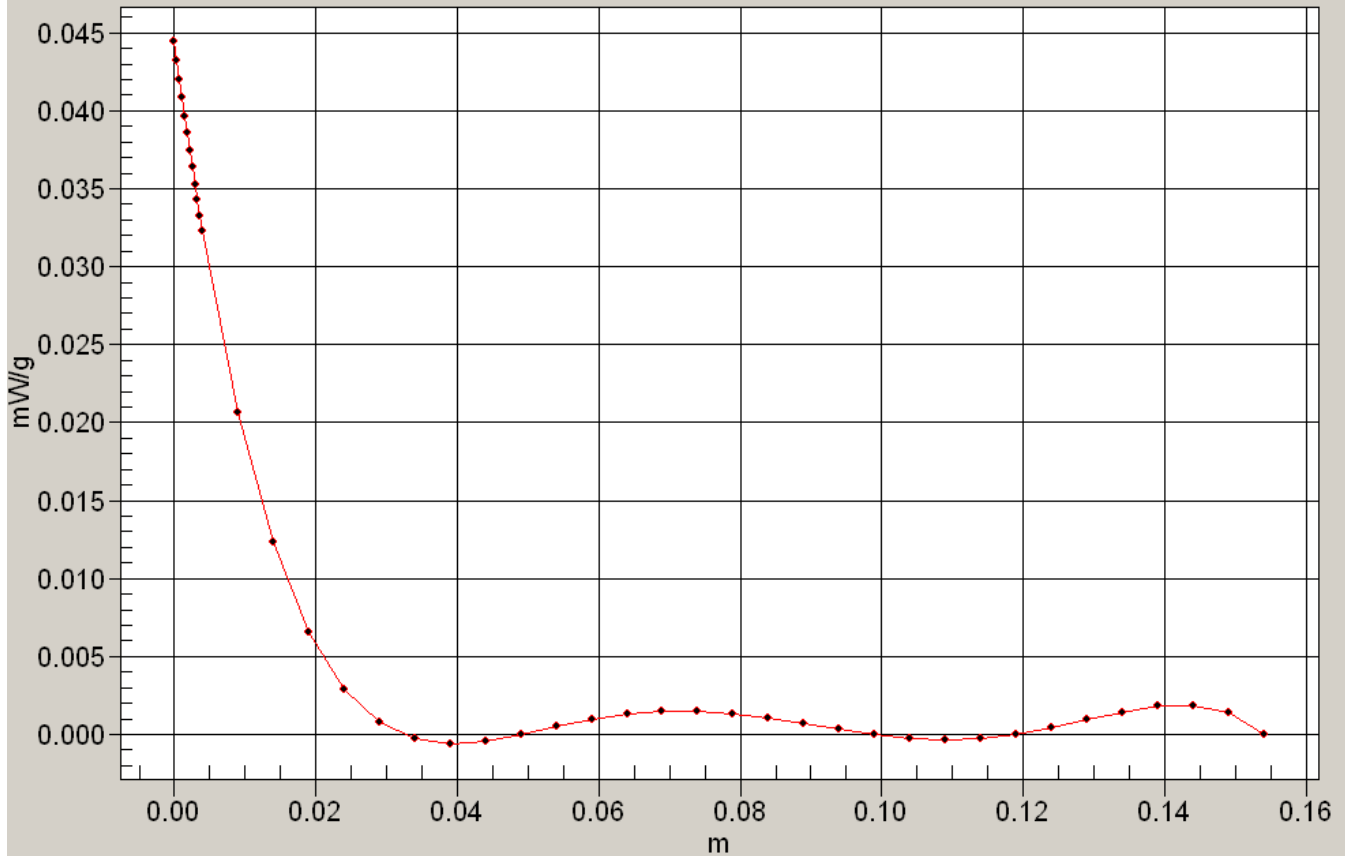
0 dB = 0.040mW/g



Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011
 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 (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.048 mW/g

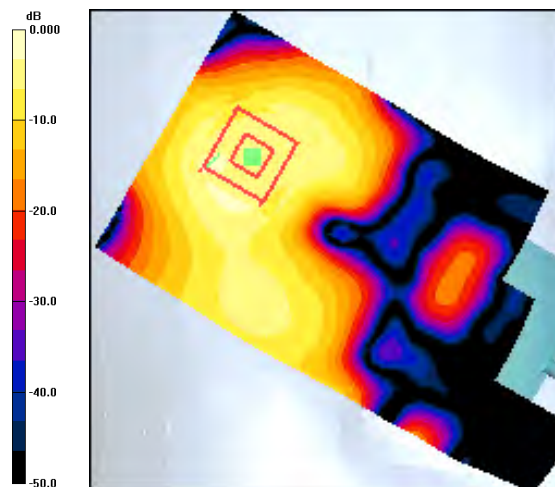
WLAN_Ch1 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.02 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.048mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011
 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 (111x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.052 mW/g

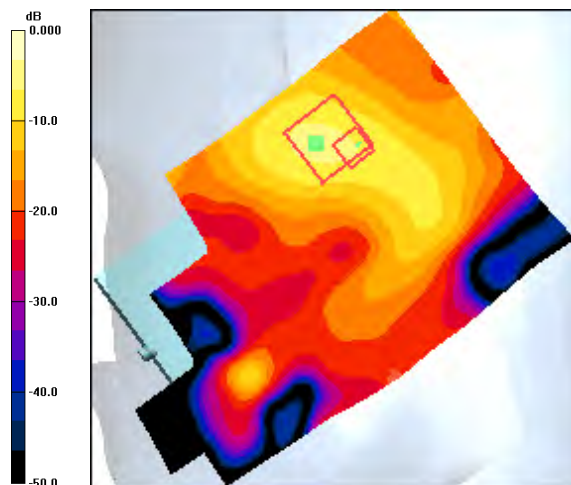
WLAN Ch1 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.77 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



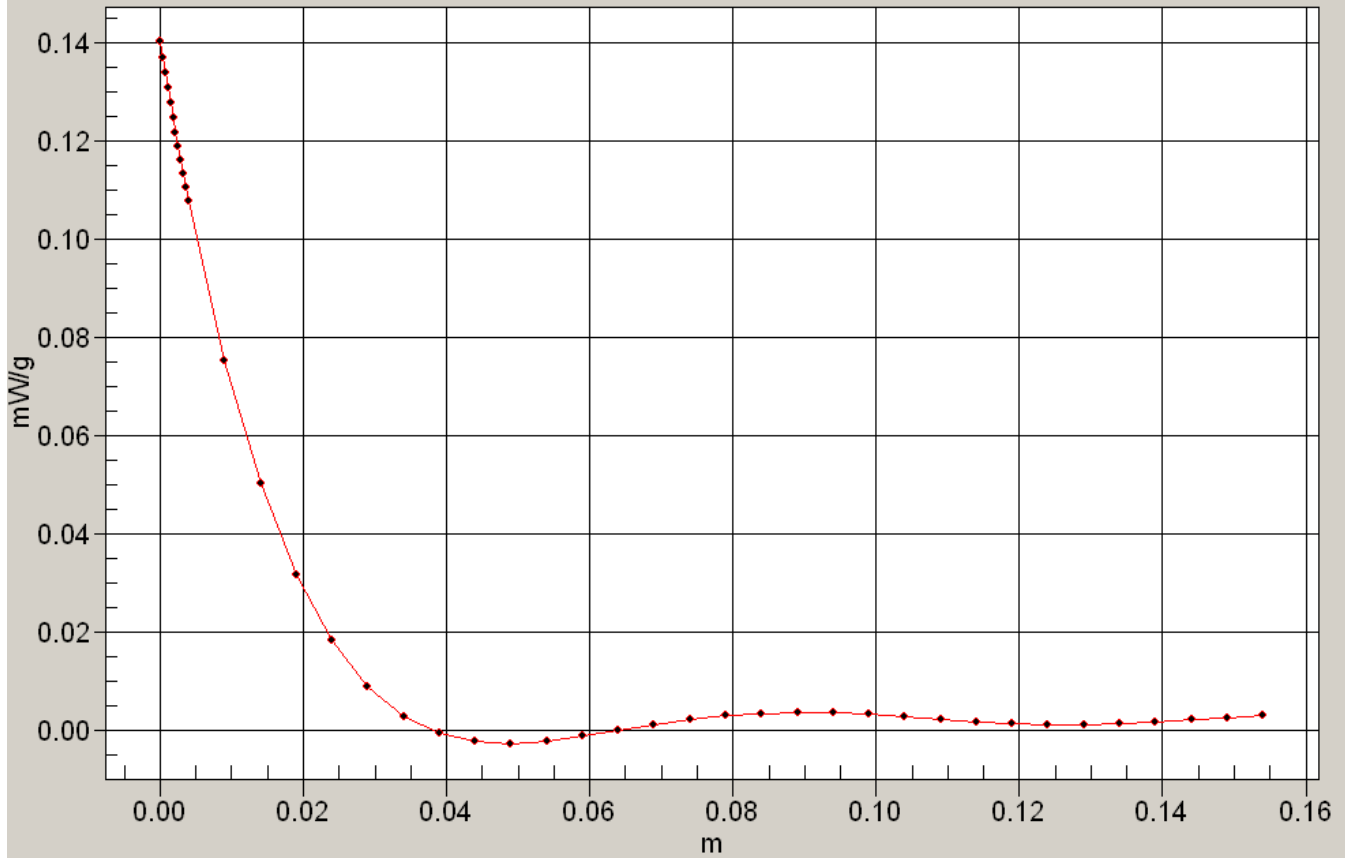
0 dB = 0.183mW/g



Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011
 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 (111x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.070 mW/g

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

Reference Value = 4.02 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.00605 mW/g; SAR(10 g) = 0.00177 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

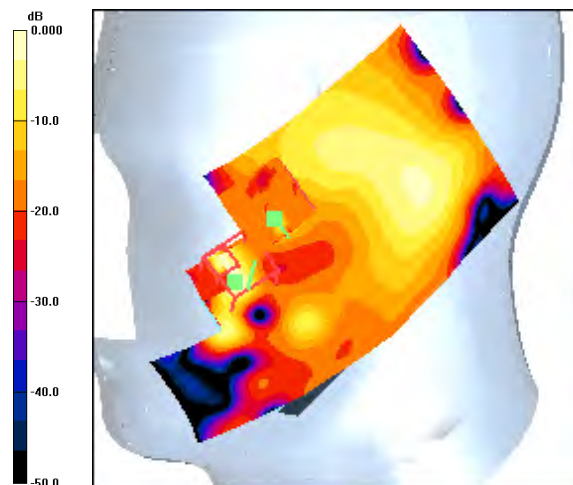
WLAN Ch1 RT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.02 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.00426 mW/g; SAR(10 g) = 0.00122 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



0 dB = 0.070mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011
 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 (111x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.039 mW/g

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

Reference Value = 4.17 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.039 mW/g

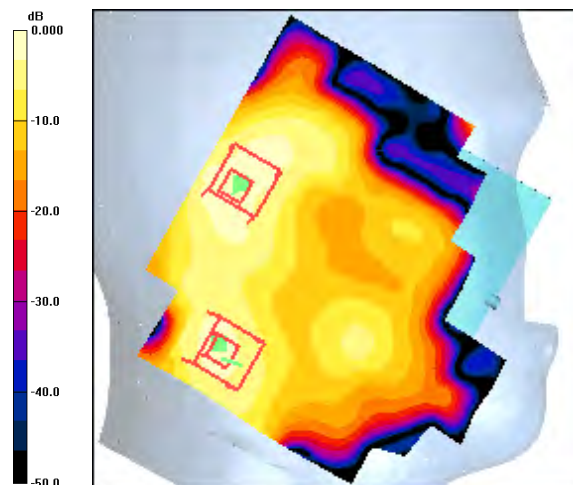
WLAN Ch1_LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.17 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.025 mW/g



0 dB = 0.039mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011

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 (111x101x1): Measurement grid: dx=15mm, dy=15mm

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

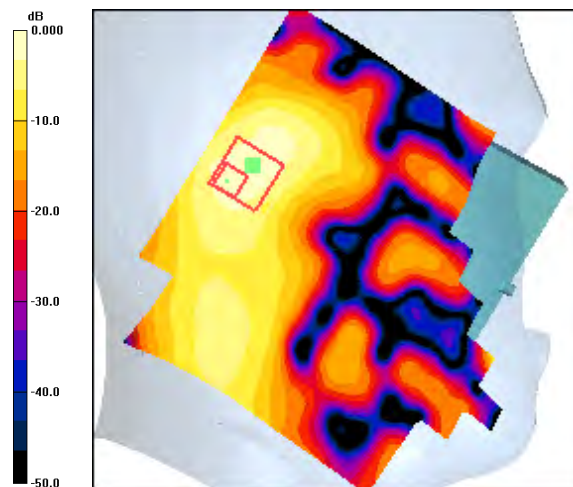
WLAN_Ch1 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.24 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.044mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011

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 (101x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.051 mW/g

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

Reference Value = 4.44 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.051 mW/g

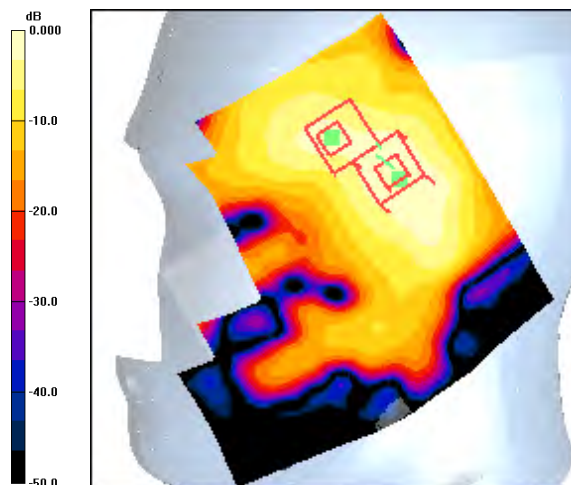
WLAN Ch1 RC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.44 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.037 mW/g



0 dB = 0.051mW/g

Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Test Laboratory: Comptest/Kyocera

Date: 04/09/2012

FCC C5155 WiFi 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.36, 4.36, 4.36), Calibrated: 9/19/2011

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 (111x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.043 mW/g

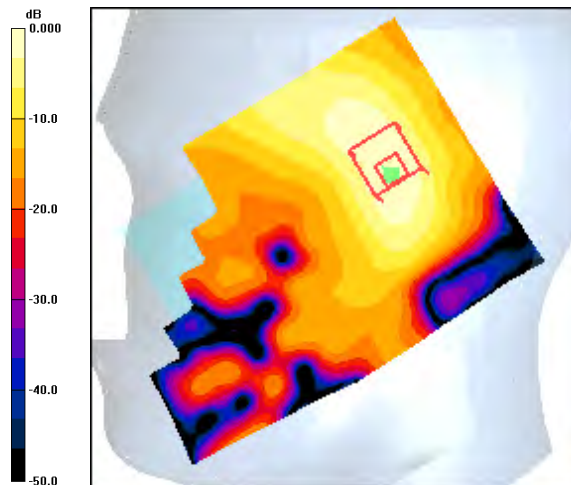
WLAN Ch1 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.50 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.043mW/g



Applicant:	Kyocera
FCC ID:	V65C5155A1
Report #:	CT- C5155-9B1-0312-R0

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0

