

Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT-S2151-9B1-1112-R0

EXHIBIT 9 Appendix B1: SAR DISTRIBUTION PLOTS (HEAD)**CELL-BC0**

Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT-S2151-9B1-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/15/2012

FCC S2151 CDMA-800 BC-0 Left, Ch. 1013, Left Cheek

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

 Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 Ch1013 LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.347 mW/g

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

Reference Value = 5.79 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.358 mW/g

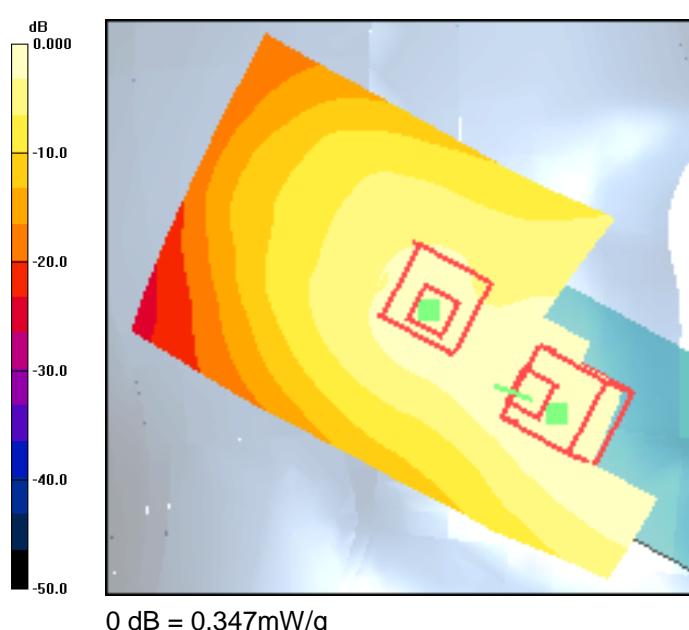
CDMA-800 Ch1013 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.79 V/m; Power Drift = -0.086 dB

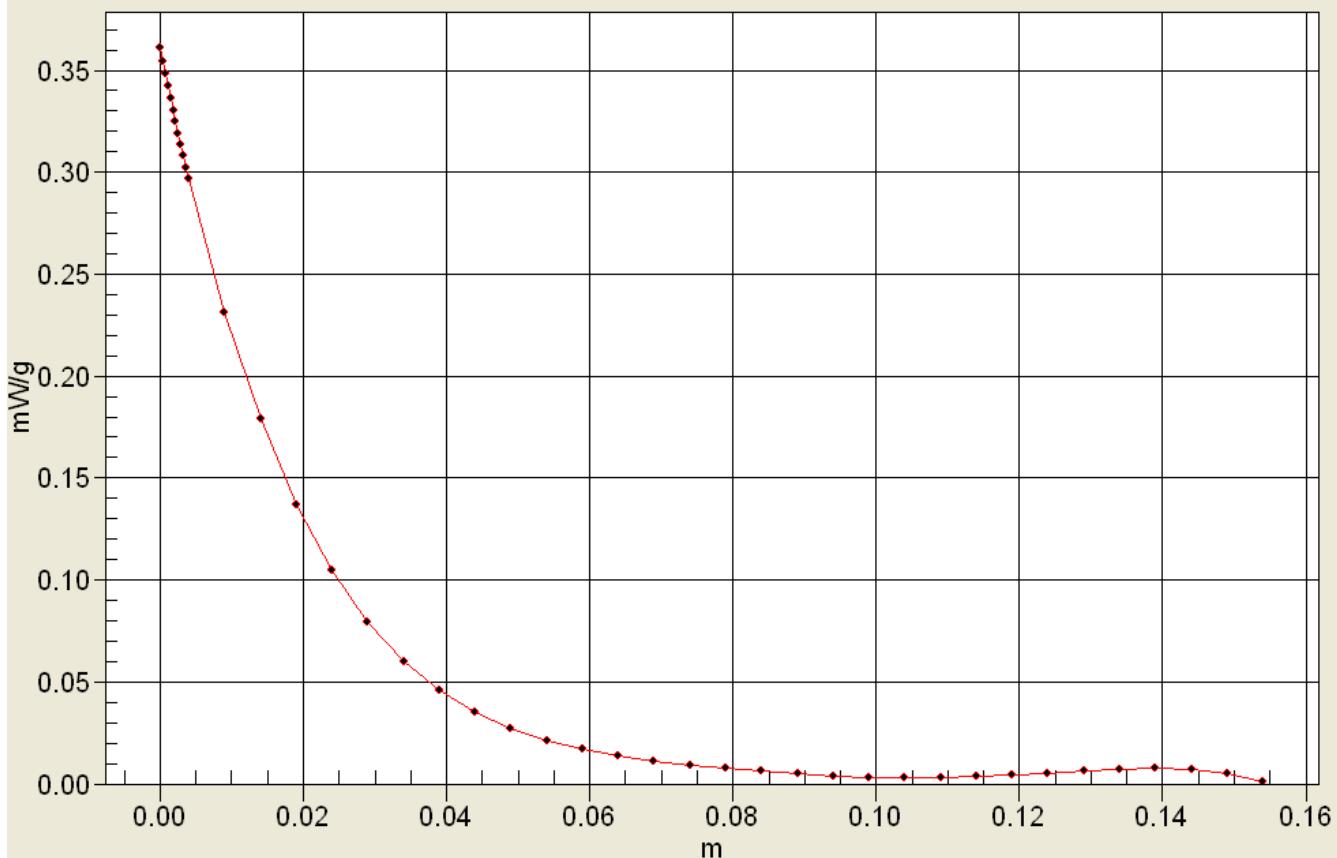
Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



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



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FCC S2151 CDMA-800 BC-0 Left, Ch. 1013, Left Tilt

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

 Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C, Liquid T = 22.0 °C

CDMA-800 Ch1013 LT/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

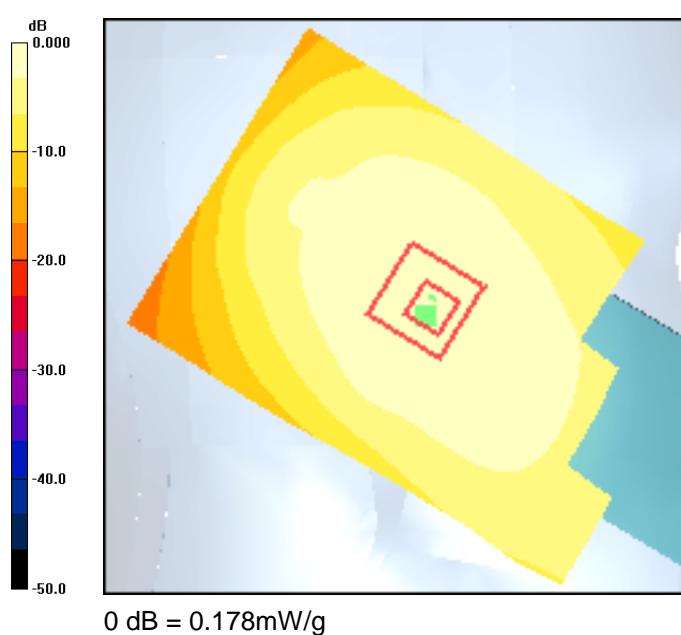
CDMA-800 Ch1013 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.25 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



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FCC S2151 CDMA-800 BC-0 Right, Ch. 1013, Right Cheek

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

 Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C, Liquid T = 22.0 °C

CDMA-800 Ch1013 RC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.327 mW/g

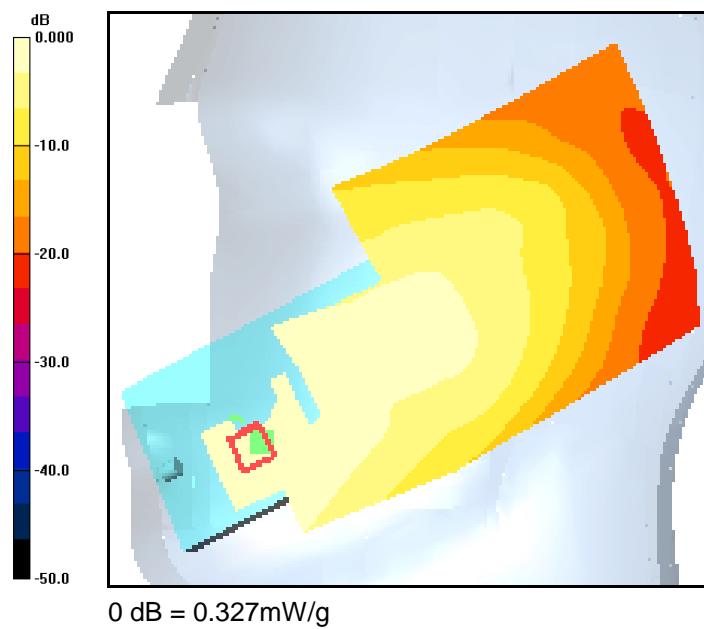
CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.56 V/m; Power Drift = -0.193 dB

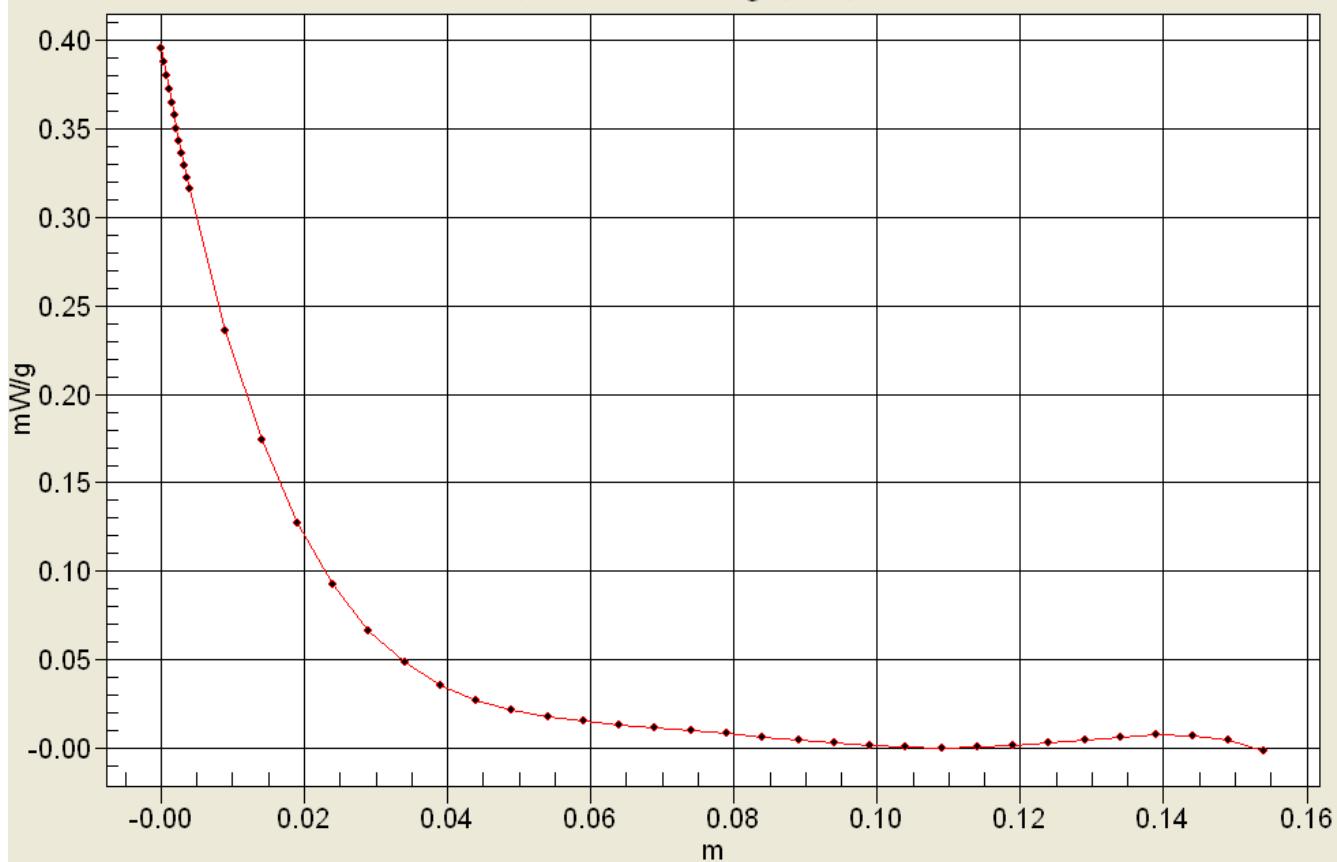
Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = n.a.

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



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



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Date: 11/15/2012

FCC S2151 CDMA-800 BC-0 Right, Ch. 1013, Right Tilt

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

 Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C, Liquid T = 22.0 °C

CDMA-800 Ch1013 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

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

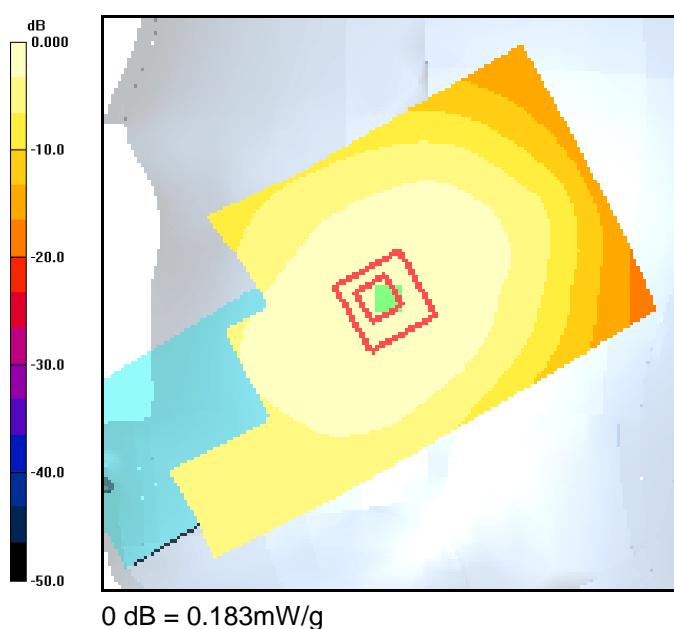
CDMA-800 Ch1013 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.87 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.131 mW/g

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



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CELL-BC10

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Test Laboratory: Comptest/Kyocera

Date: 11/15/2012

FCC S2151 CDMA-800 BC-10 Left, Ch. 580, Left Cheek

Communication System: Cell BC-10, Frequency: 820.5 MHz, Duty Cycle: 1:1

 Medium: Head 835 MHz, Medium parameters used (extrapolated): $f = 820.5$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

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 Ch580 LC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

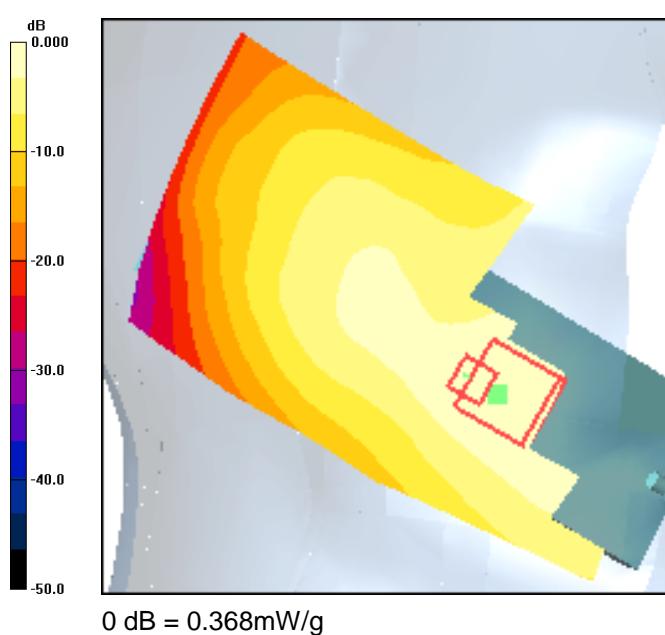
CDMA-800 Ch580 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.20 V/m; Power Drift = 0.186 dB

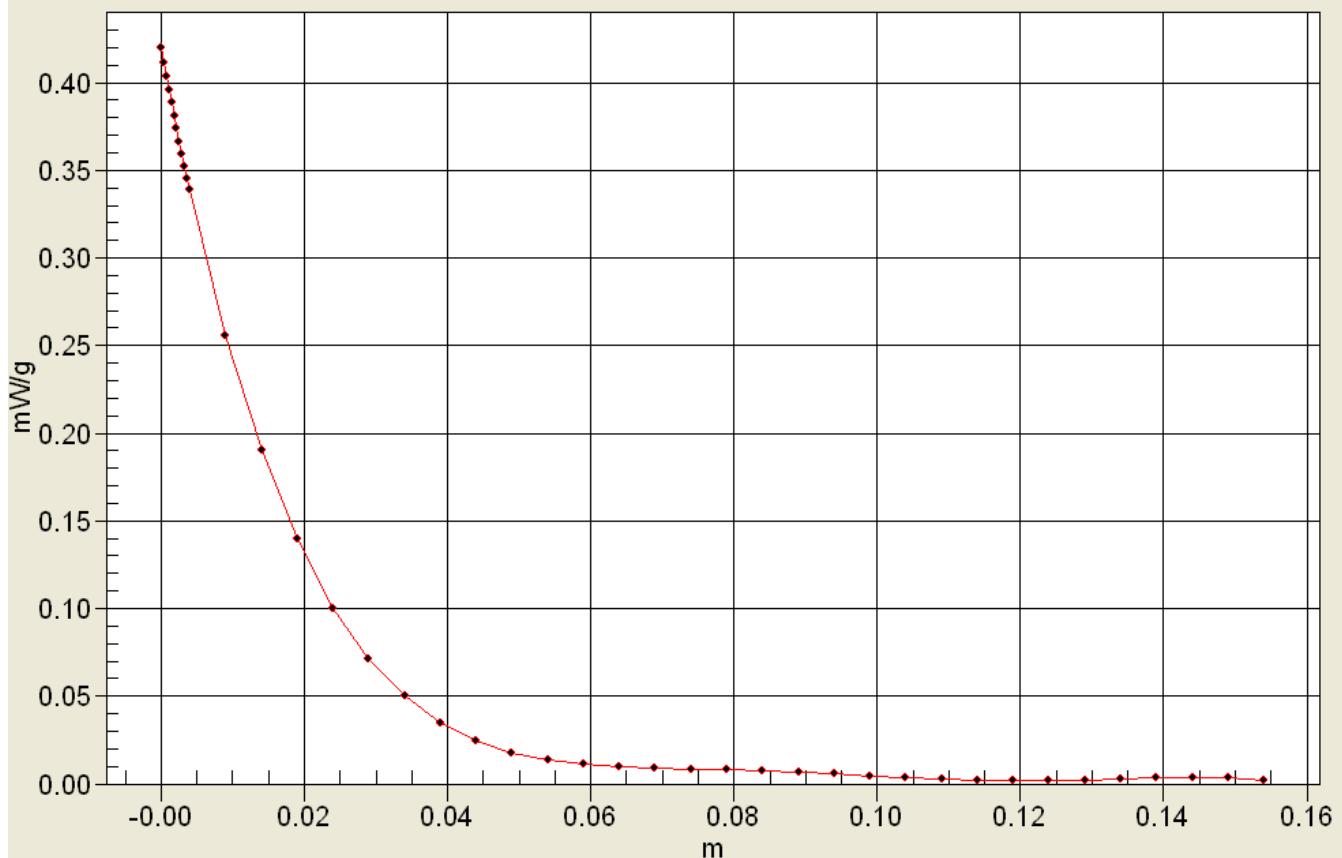
Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



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: 11/15/2012

FCC S2151 CDMA-800 BC-10 Left, Ch. 580, Left Tilt

Communication System: Cell BC-10, Frequency: 820.5 MHz, Duty Cycle: 1:1

 Medium: Head 835 MHz, Medium parameters used (extrapolated): $f = 820.5$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

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 Ch580 LT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.211 mW/g

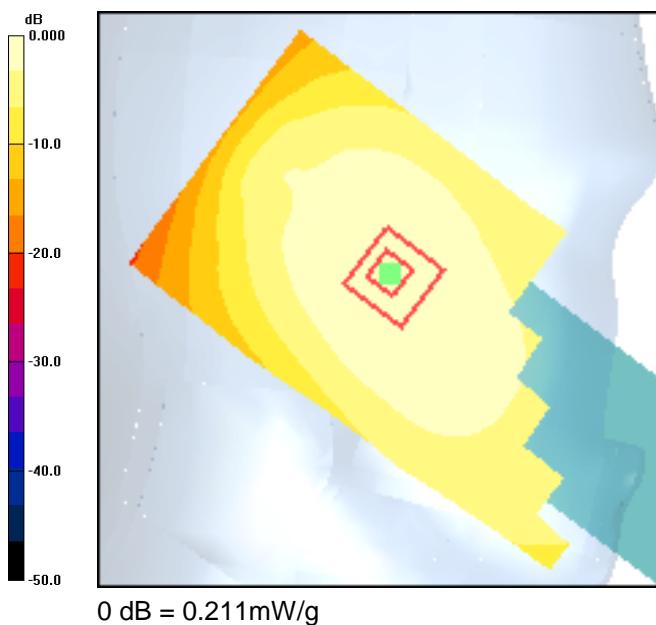
CDMA-800 Ch580 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.89 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



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FCC S2151 CDMA-800 BC-10 Right, Ch. 580, Right Cheek

Communication System: Cell BC-10, Frequency: 820.5 MHz, Duty Cycle: 1:1

 Medium: Head 835 MHz, Medium parameters used (extrapolated): $f = 820.5$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

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 Ch580 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.381 mW/g

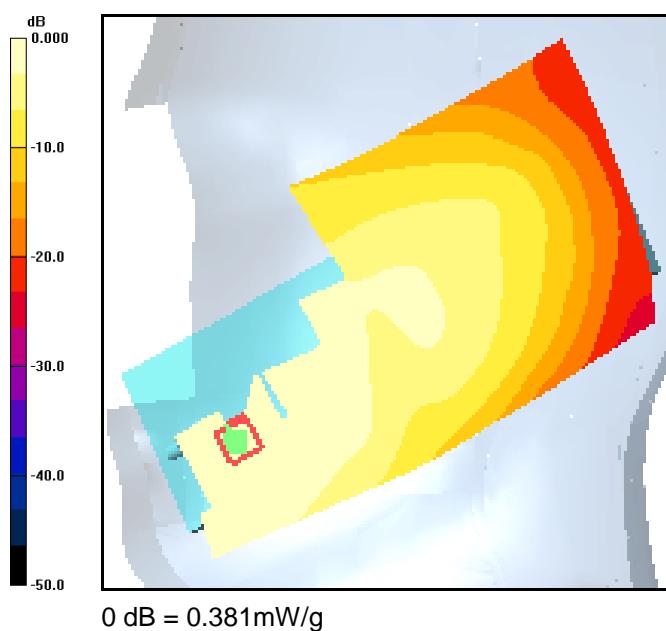
CDMA-800 Ch580 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.08 V/m; Power Drift = 0.085 dB

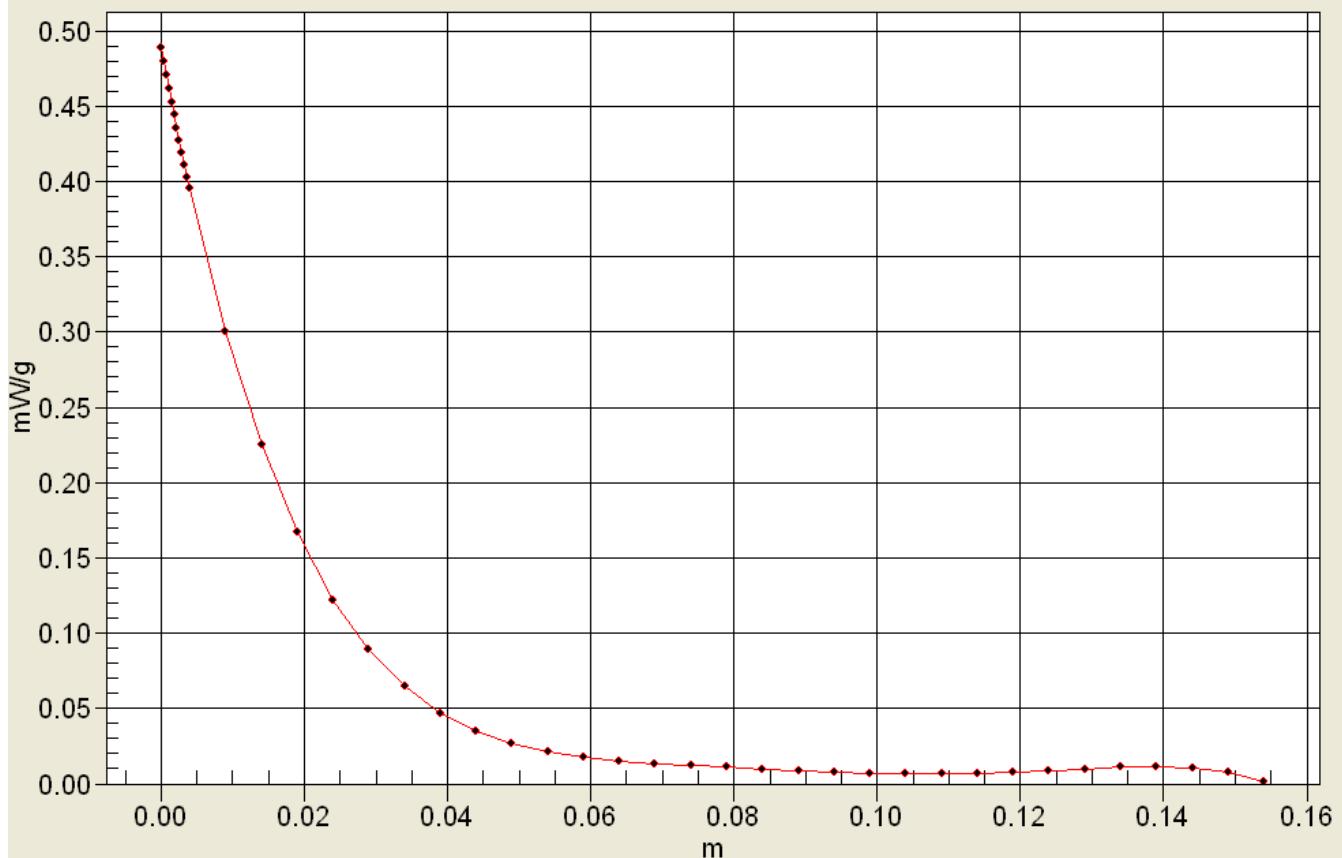
Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.437 mW/g



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: 11/15/2012

FCC S2151 CDMA-800 BC-10 Right, Ch. 580, Right Tilt

Communication System: Cell BC-10, Frequency: 820.5 MHz, Duty Cycle: 1:1

 Medium: Head 835 MHz, Medium parameters used (extrapolated): $f = 820.5$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

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 Ch580 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 mW/g

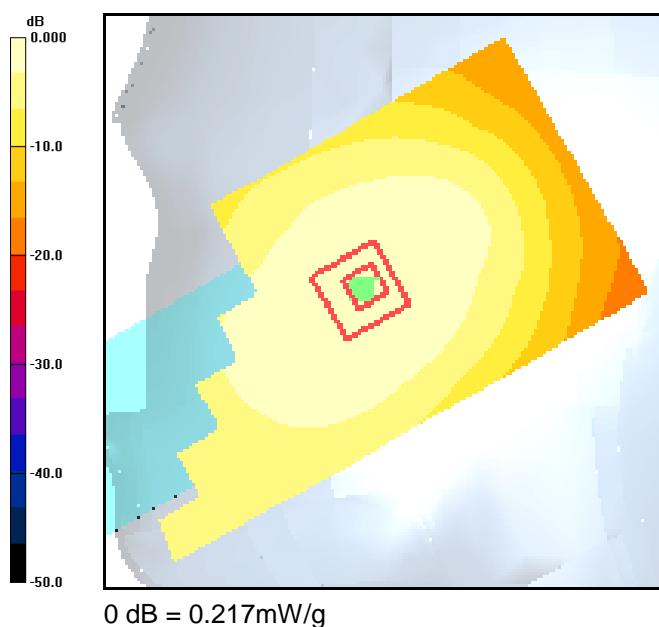
CDMA-800 Ch580 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



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Test Laboratory: Comptest/Kyocera

Date: 11/15/2012

FCC S2151 CDMA-800 BC-10 Flat-Jaw, Ch. 580

Communication System: Cell BC 0&10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

 Medium: Head 835 MHz, Medium parameters used (extrapolated): $f = 820.5$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

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 Ch580 Flat Jaw/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.423 mW/g

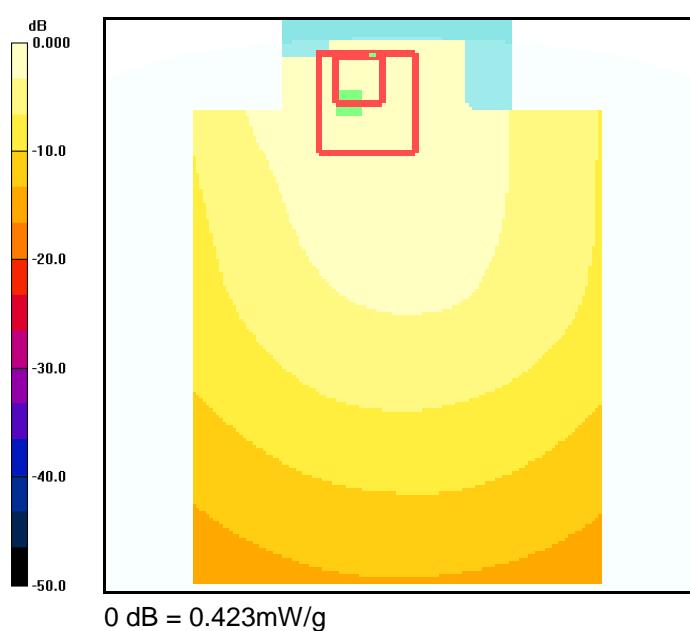
CDMA-800 Ch580 Flat Jaw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



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PCS

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Test Laboratory: Comptest/Kyocera

Date: 11/14/2012

FCC S2151 CDMA-1900 Left, Ch. 25, Left Cheek

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

 Medium: HSL1900, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

Maximum value of SAR (interpolated) = 1.53 mW/g

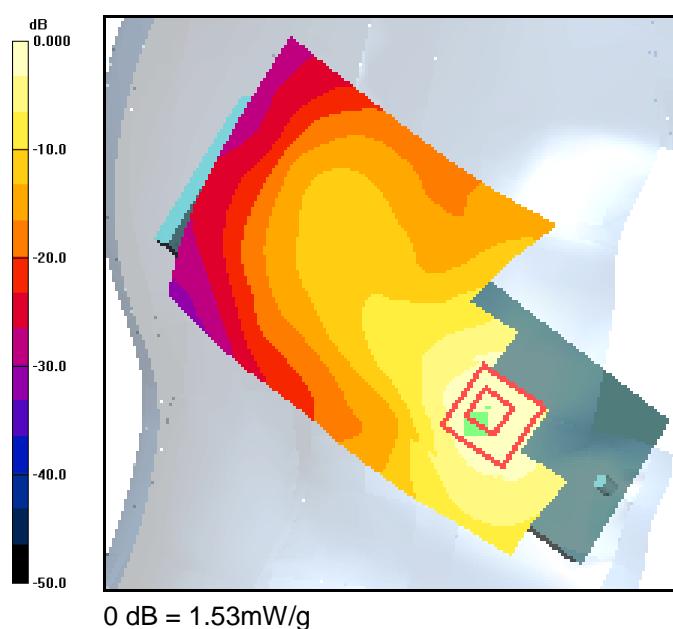
CDMA-1900_Ch25 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.55 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.821 mW/g

Maximum value of SAR (measured) = 1.64 mW/g



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Date: 11/14/2012

FCC S2151 CDMA-1900 Left, Ch. 600, Left Cheek

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

 Medium: HSL1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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 (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.57 mW/g

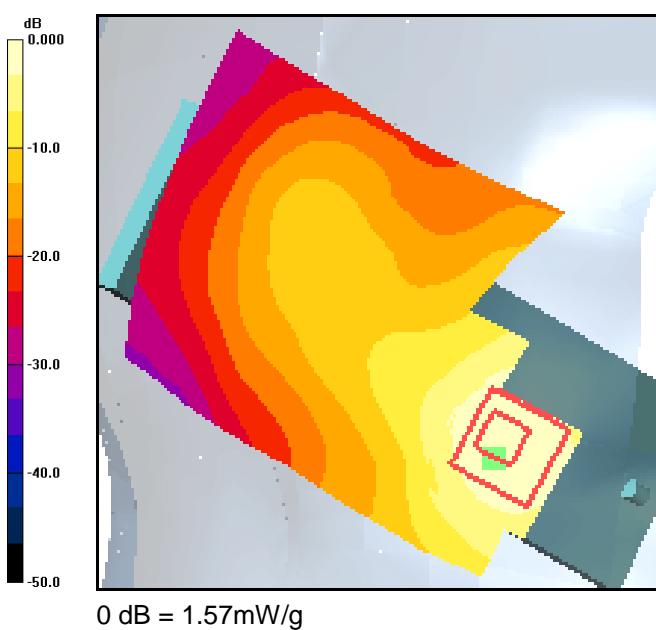
CDMA-1900_CH600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.806 mW/g

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



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FCC S2151 CDMA-1900 Left, Ch. 1175, Left Cheek

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

 Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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) = 1.12 mW/g

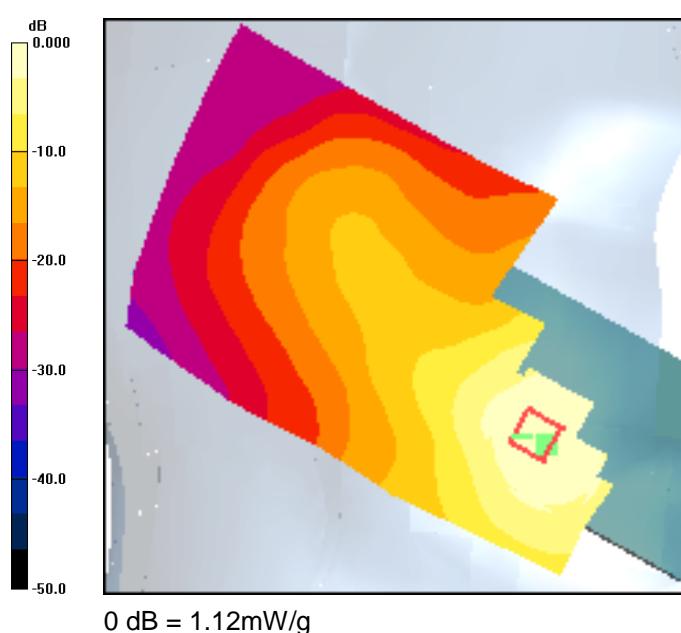
CDMA-1900_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.65 V/m; Power Drift = -0.169 dB

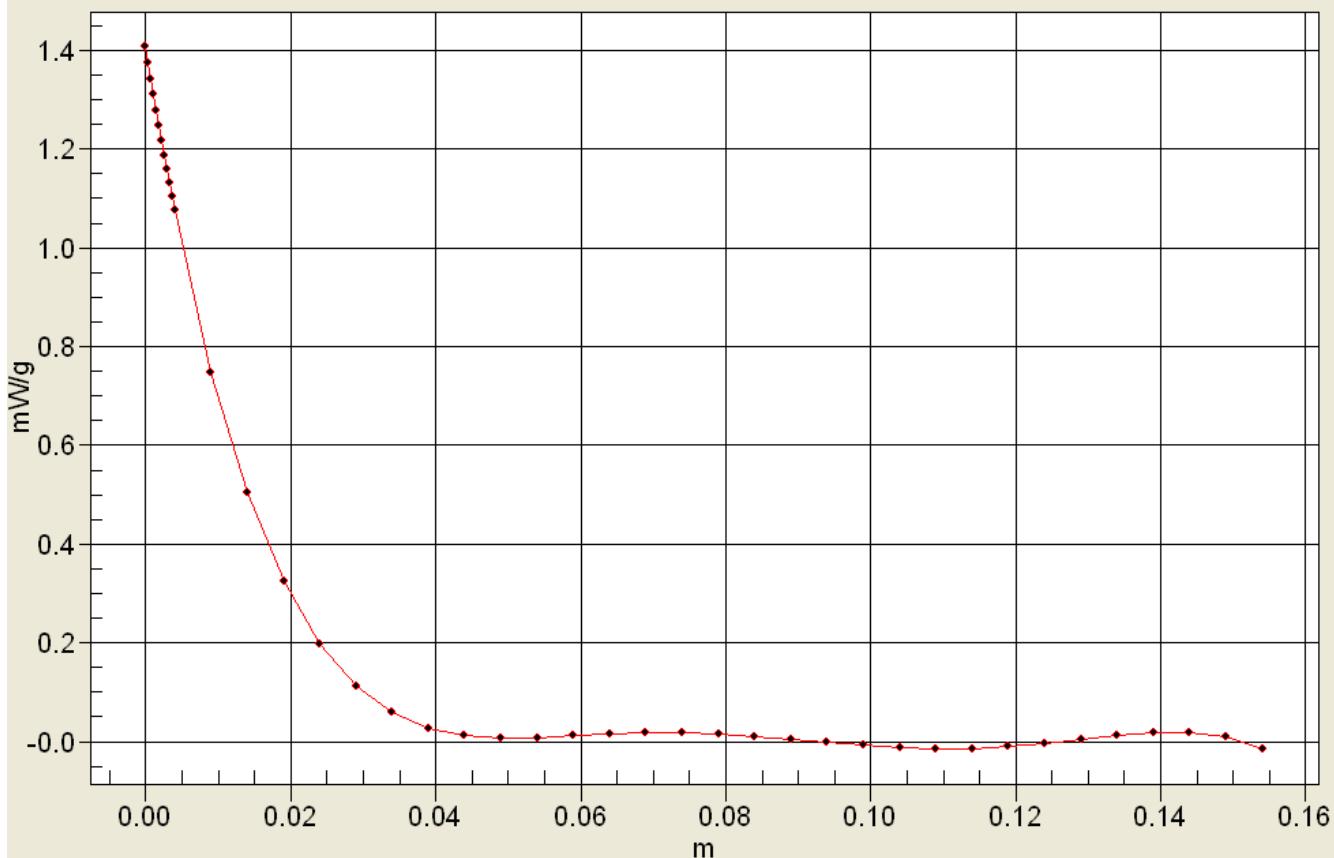
Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 1.19 mW/g



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: 11/14/2012

FCC S2151 CDMA-1900 Left, Ch. 1175, Left Tilt

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

 Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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) = 0.181 mW/g

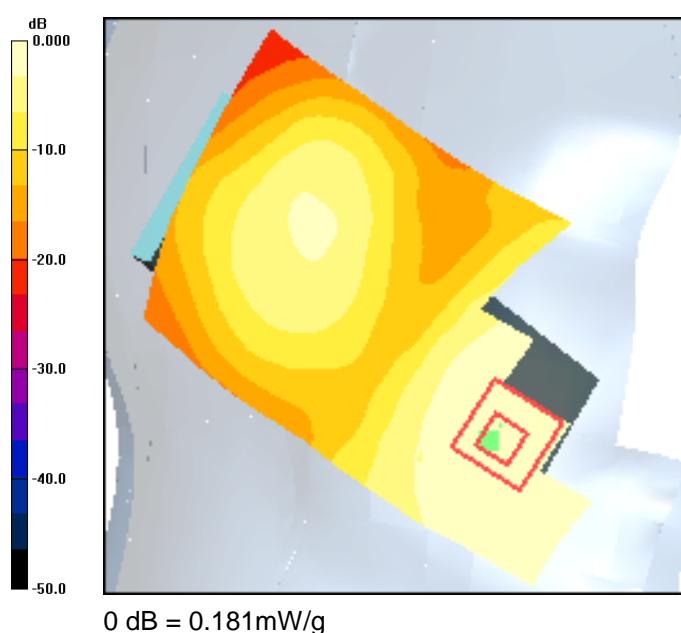
CDMA-1900_Ch 1175 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.42 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT-S2151-9B1-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/14/2012

FCC S2151 CDMA-1900 Right, Ch. 1175, Right Cheek

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

 Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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) = 0.580 mW/g

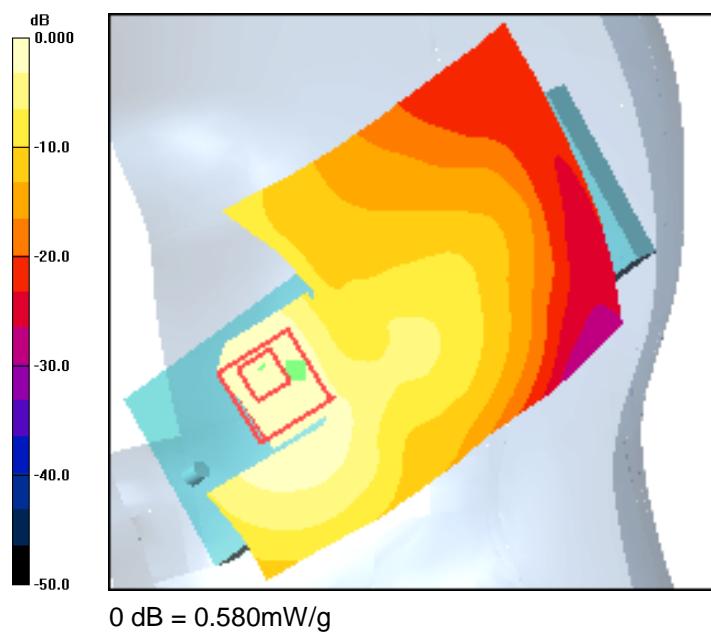
CDMA-1900 Ch1175 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.48 V/m; Power Drift = 0.106 dB

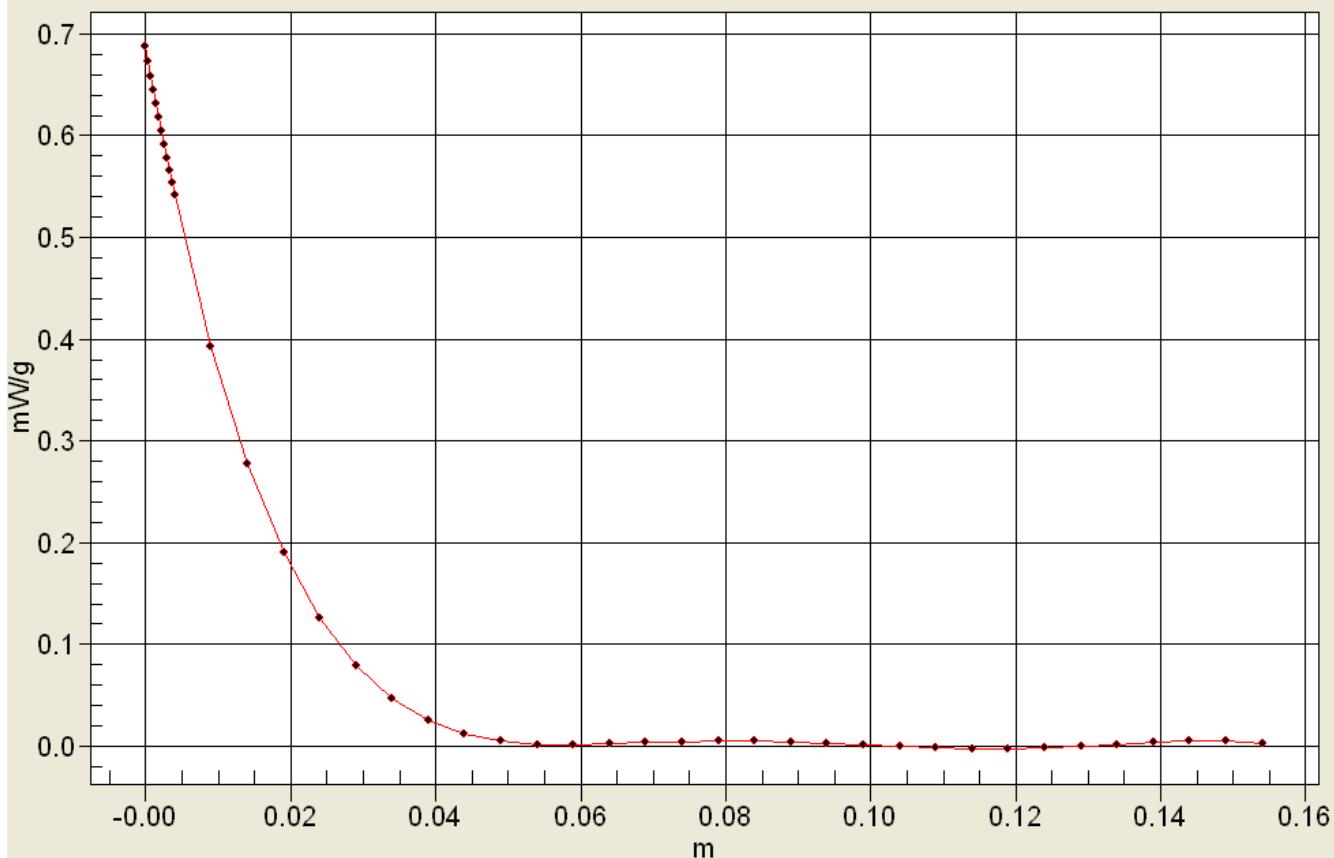
Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



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



Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT-S2151-9B1-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/14/2012

FCC S2151 CDMA-1900 Right, Ch. 1175, Right Tilt

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

 Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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) = 0.256 mW/g

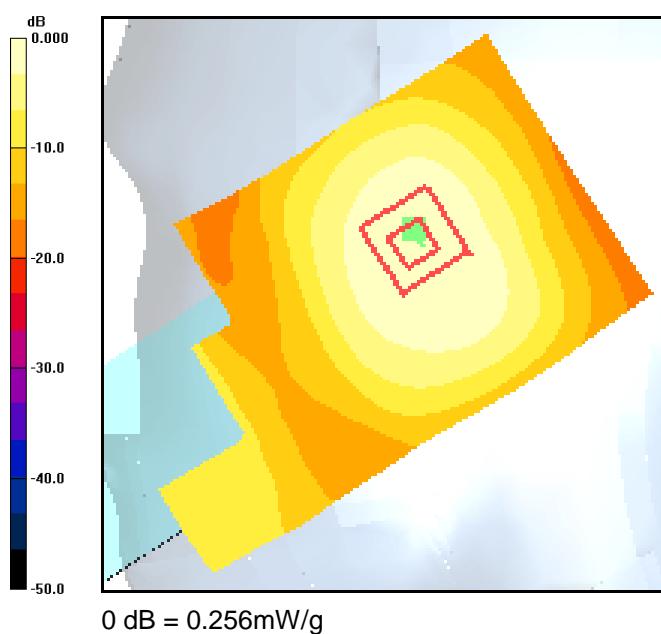
CDMA-1900 Ch1175 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.85 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.245 mW/g



Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT-S2151-9B1-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/14/2012

FCC S2151 CDMA-1900 Flat-Jaw, Ch. 1175

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

 Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

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

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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-PCS FLAT Ch1175/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 mW/g

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

Reference Value = 6.23 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.489 mW/g

