

APPENDIX B1:

CDMA 800/1900

SAR Distribution Plots

Date/Time: 12/09/04 01:47:49

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch383 Left Cheek Phone Open Antenna Retracted

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

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.92$ mho/m, $\epsilon_r = 40.5$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn194, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-800 Ch383 LCO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

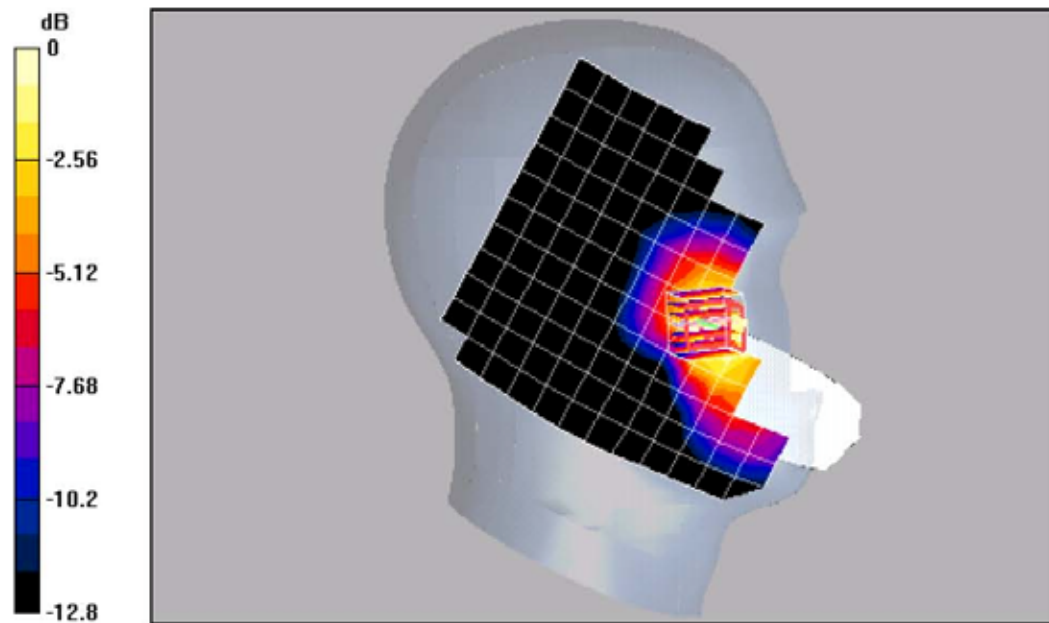
Reference Value = 5.31 V/m, Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.720 mW/g SAR(10 g) = 0.480 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

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



0 dB = 0.757mW/g

Date/Time: 12/09/04 01:47:49

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch383 Left Tilt Phone Open Antenna Retracted

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

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.92$ mho/m, $\epsilon_r = 40.5$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CornF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

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

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-800 Ch383 LTO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

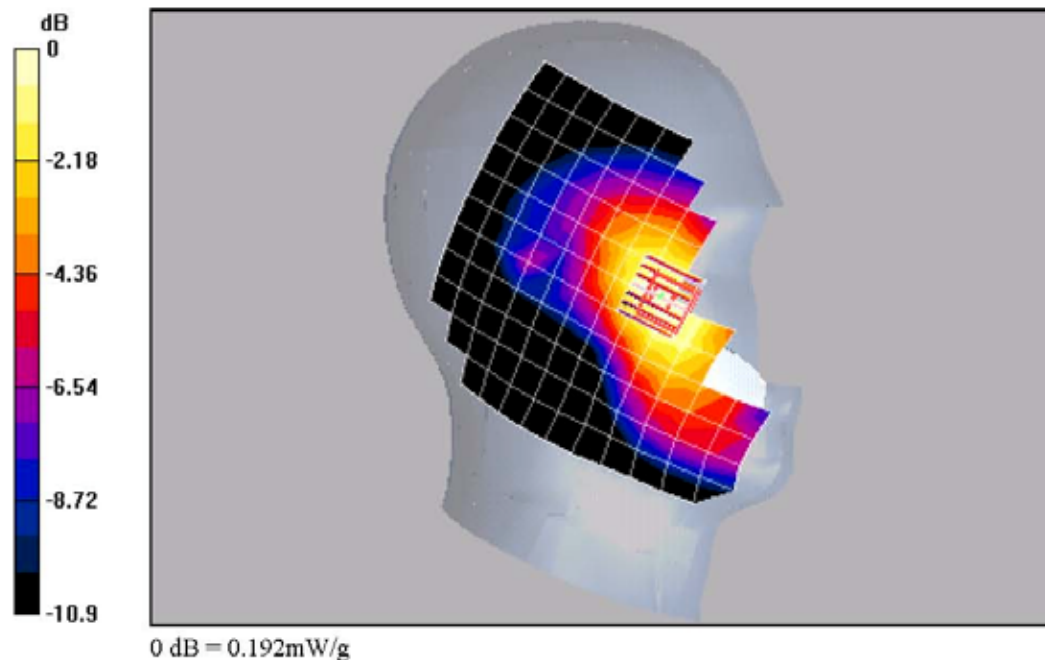
Reference Value = 6.7 V/m, Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.179 mW/g SAR(10 g) = 0.130 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.192 mW/g



Date/Time: 12/10/04 01:24:59

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch383 Right Cheek Phone Open Antenna Retracted

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

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.91$ mho/m, $\epsilon_r = 39.9$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CorvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

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

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-800 Ch383 RCO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

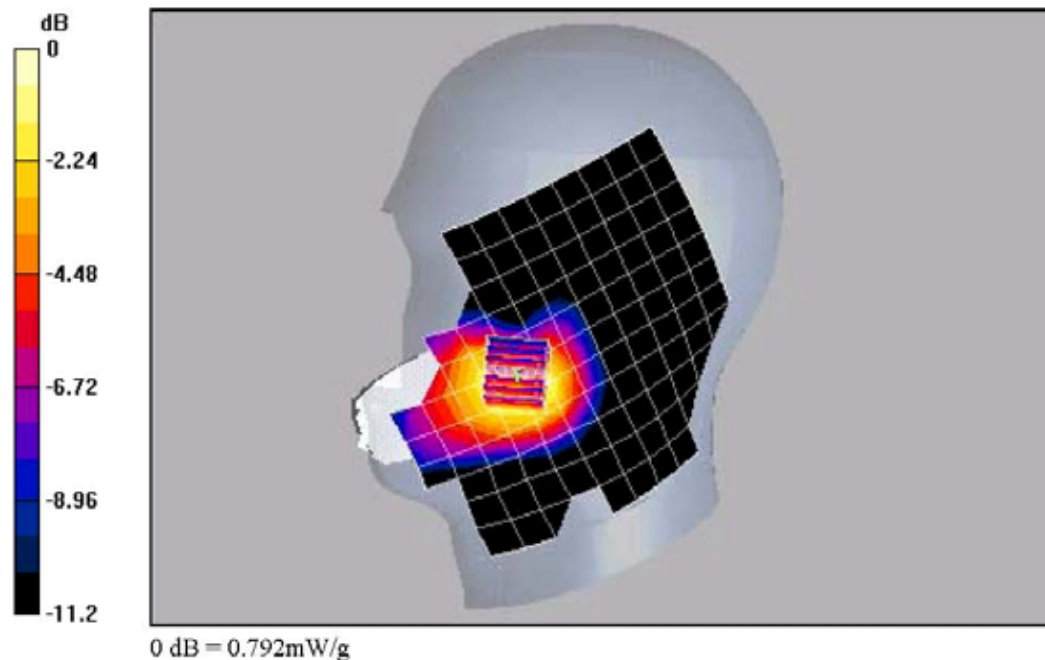
Reference Value = 6.16 W/kg, Power DriB = -0.1 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.744 mW/g SAR(10 g) = 0.499 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.792 mW/g



Date/Time: 12/10/04 01:24:59

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch383 Right Tilt Phone Open Antenna Retracted

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

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.91$ mho/m, $\epsilon_r = 39.9$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

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

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-800 Ch383 RTO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

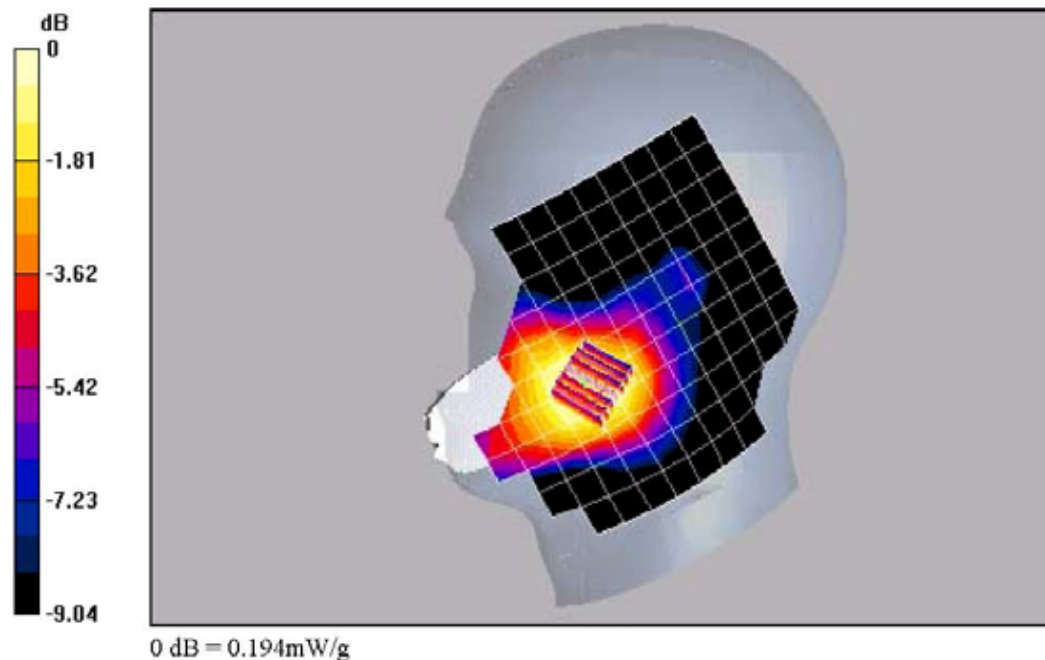
Reference Value = 8.06 V/m, Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.184 mW/g SAR(10 g) = 0.139 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.194 mW/g



Date/Time: 12/02/04 06:22:02

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch383 Left Cheek Phone Closed Antenna Retracted

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

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.937$ mho/m, $\epsilon_r = 41.3$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CoreF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn194, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-800 Ch383 LCC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $\Delta x=5$ mm, $\Delta y=5$ mm, $\Delta z=5$ mm

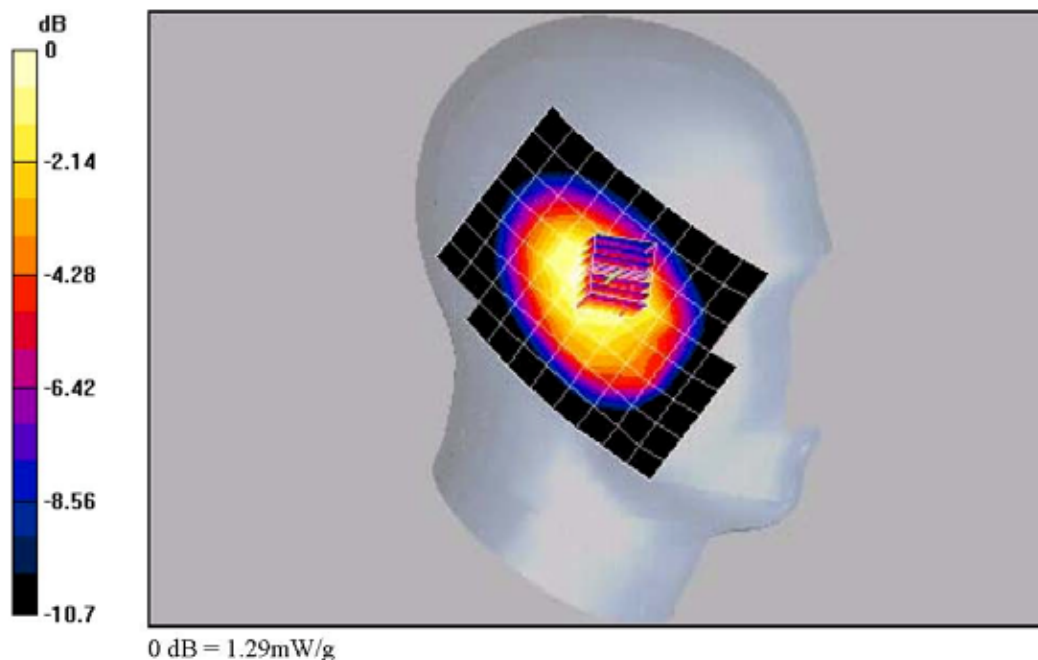
Reference Value = 35.3 V/m, Power Drift = 0.2 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.2 mW/g SAR(10 g) = 0.852 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

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



Date/Time: 12/09/04 01:24:12

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch777 Left Tilt Phone Closed Antenna Retracted

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz, $\sigma = 0.92$ mho/m, $\epsilon_r = 40.5$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:

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

CDMA-800 Ch777 LTC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

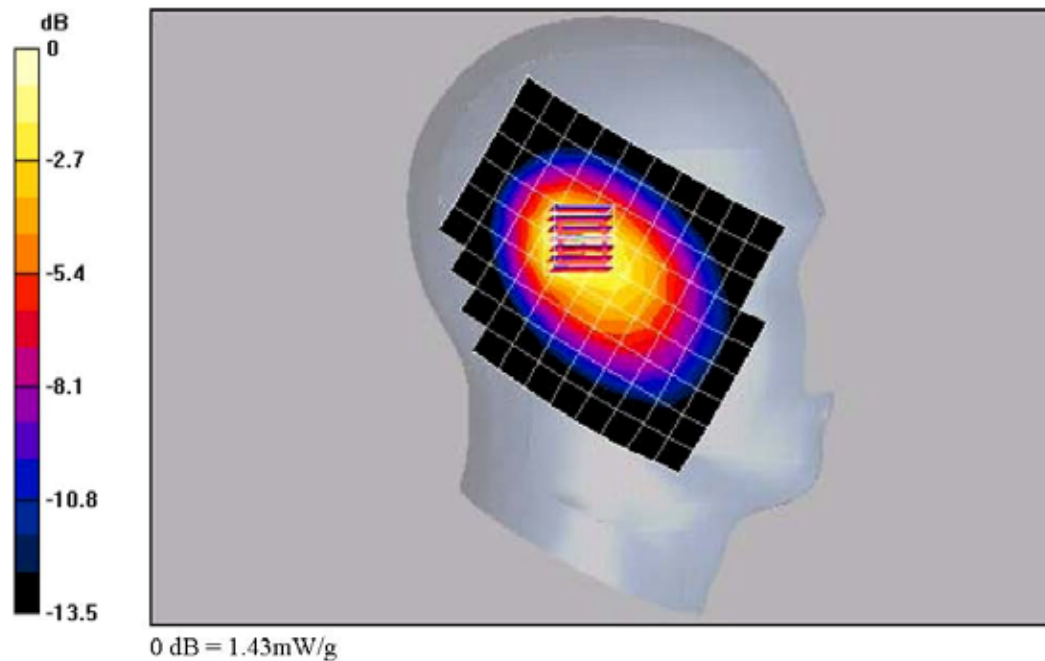
Reference Value = 32.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.782 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.43 mW/g



Date/Time: 12/07/04 11:56:41

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch777 Right Cheek Phone Closed Antenna Retracted

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz, $\sigma = 0.929$ mho/m, $\epsilon_r = 41$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CoreF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn194, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-800 Ch777 RCC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

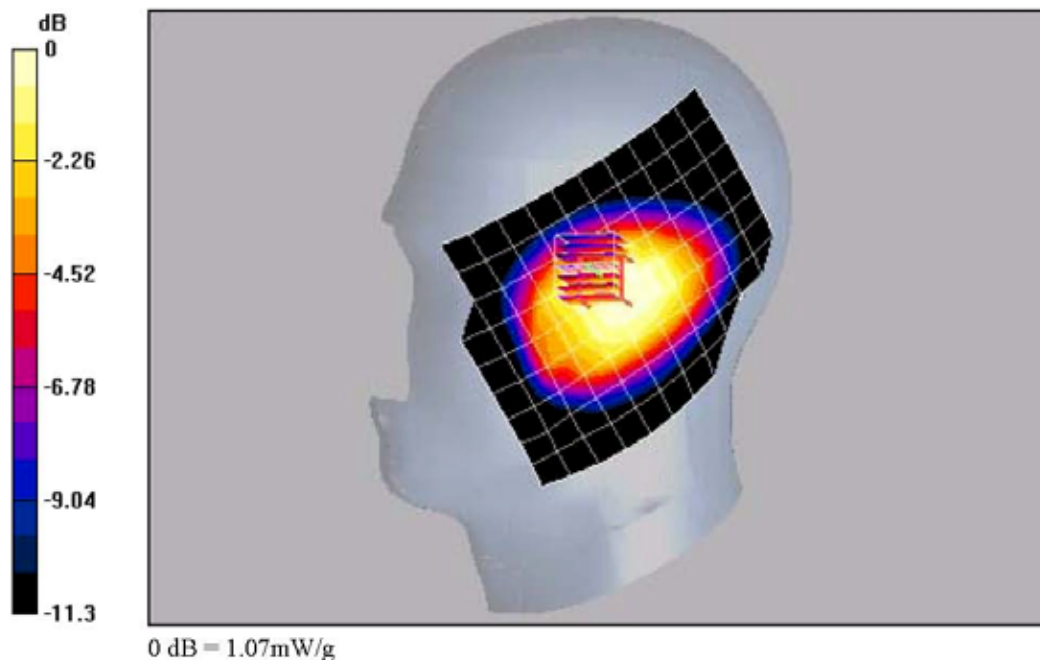
Reference Value = 36.3 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.752 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.07 mW/g



Date/Time: 12/02/04 15:39:34

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch1013 Right Tilt Phone Closed Antenna Extended

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

Medium: HSL900, Medium parameters used (interpolated): $f = 824.7$ MHz, $\sigma = 0.929$ mho/m, $\epsilon_r = 41$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CoreF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 SnA94, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

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

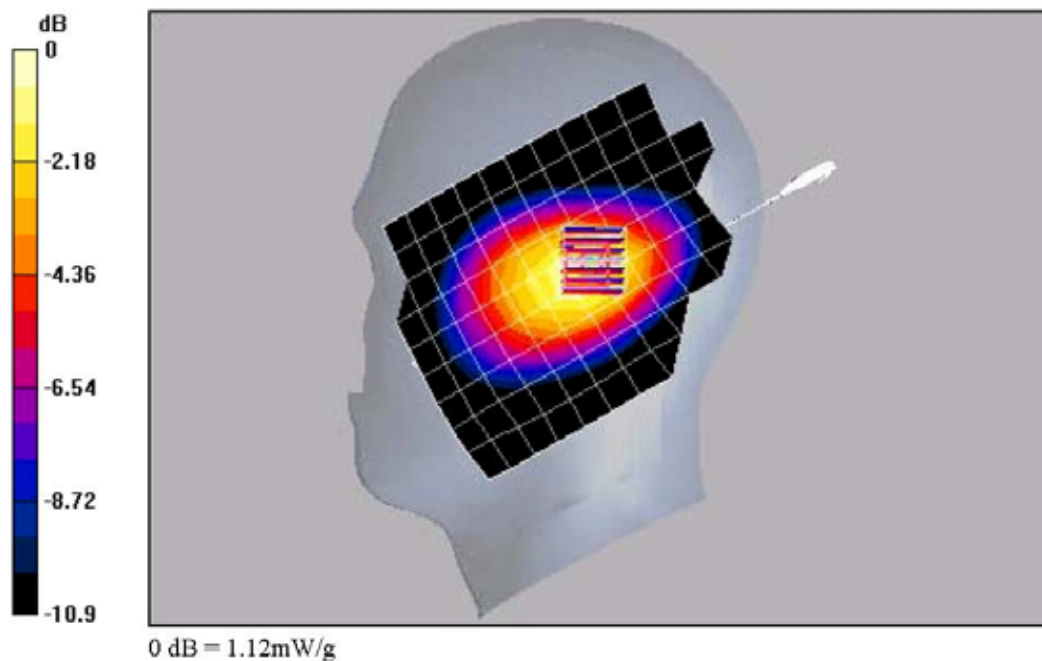
Reference Value = 31.6 V/m; Power Drift = -0.1 dB

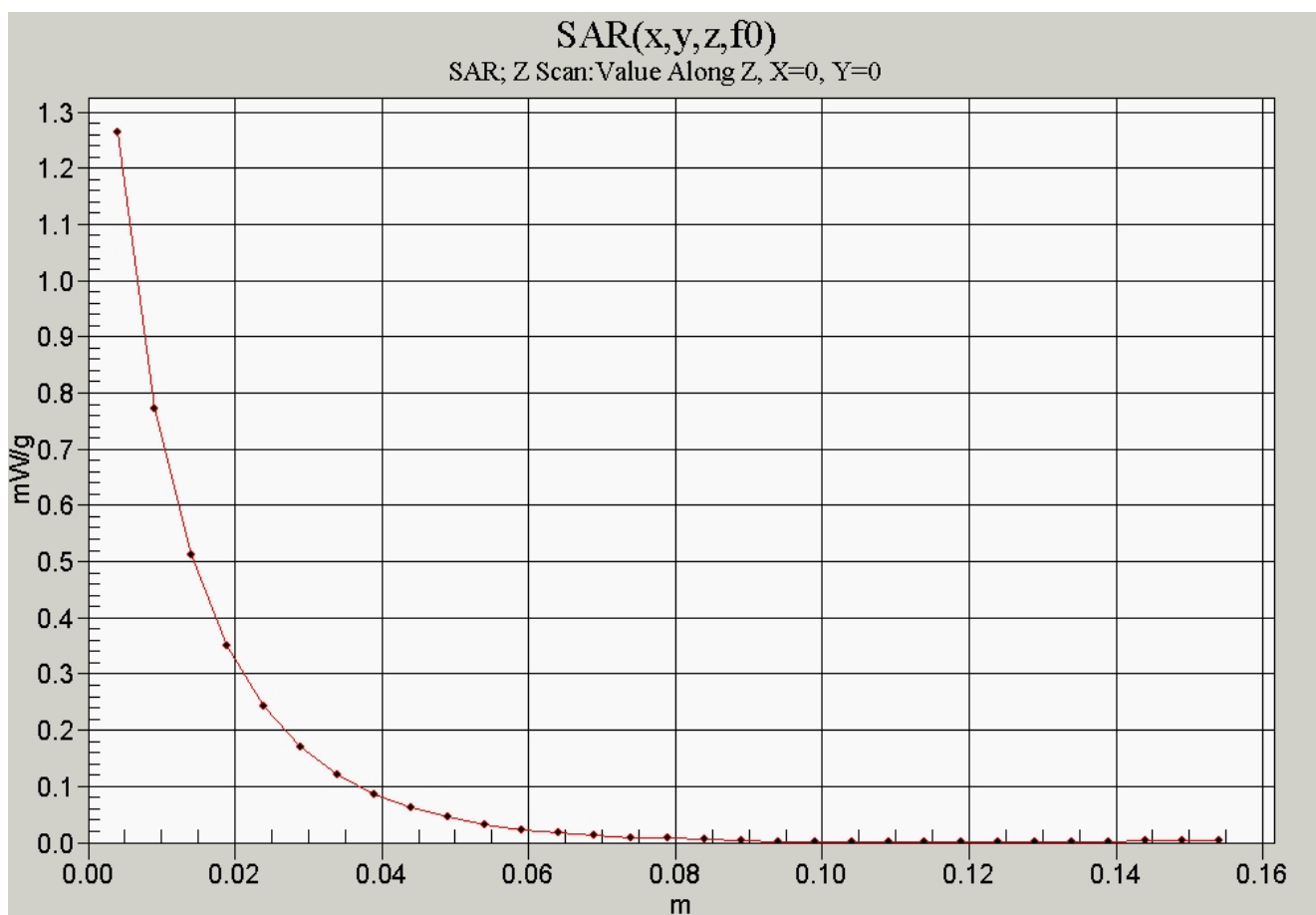
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1g) = 1.03 mW/g; SAR(10g) = 0.091 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.12 mW/g





Date/Time: 12/14/04 07:20:34

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Left Cheek Phone Open Antenna Retracted

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

Medium: HSL900, Medium parameters used: $f = 850$ MHz, $\sigma = 1.43$ mho/m, $\epsilon_r = 39.3$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3D/V6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Ser494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

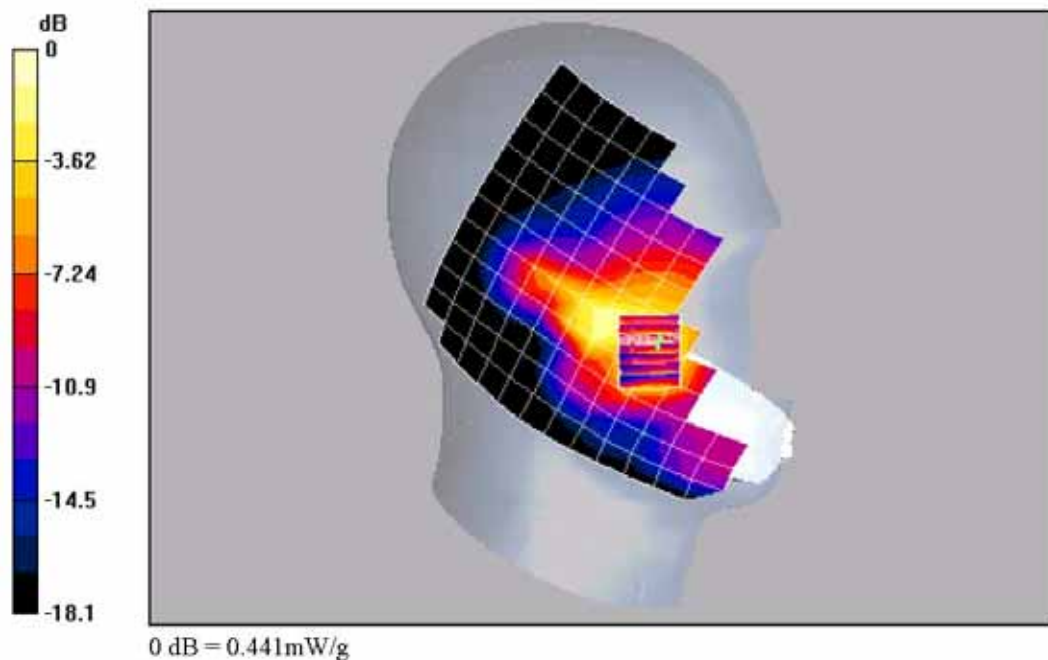
CDMA-1900 Ch600 LCO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.09 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.408 mW/g SAR(10 g) = 0.227 mW/g

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



Date/Time: 12/14/04 15:12:48

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Left Tilt Phone Open Antenna Extended

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

Medium: HSL1800, Medium parameters used: $f = 1880 \text{ MHz}$, $\sigma = 1.43 \text{ mho/m}$, $\epsilon_r = 39.3$, $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConnF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 SnA94, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:

Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

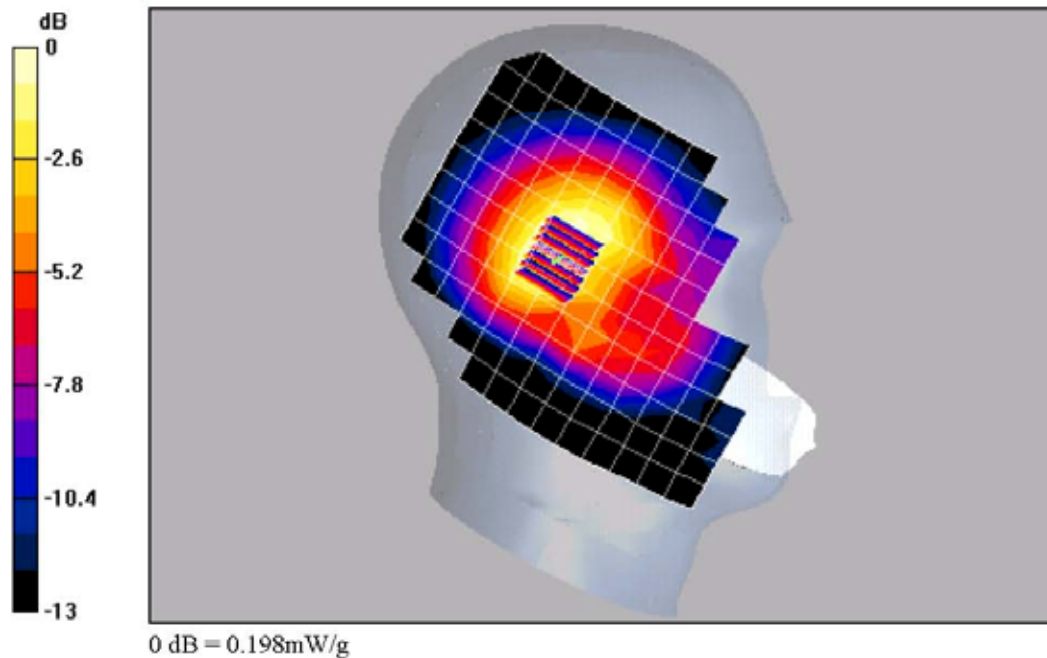
CDMA-1900 Ch600 LTO EXT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.4 V/m; Power Dri $\hat{t}$ = -0.2 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.198 mW/g



Date/Time: 12/14/04 11:23:06

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Right Cheek Phone Open Antenna Retracted

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

Medium: HSL1800, Medium parameters used: $f = 1880 \text{ MHz}$, $\sigma = 1.43 \text{ mho/m}$, $\epsilon_r = 39.3$, $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3D V6 - SN1664, ConnF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

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

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:

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

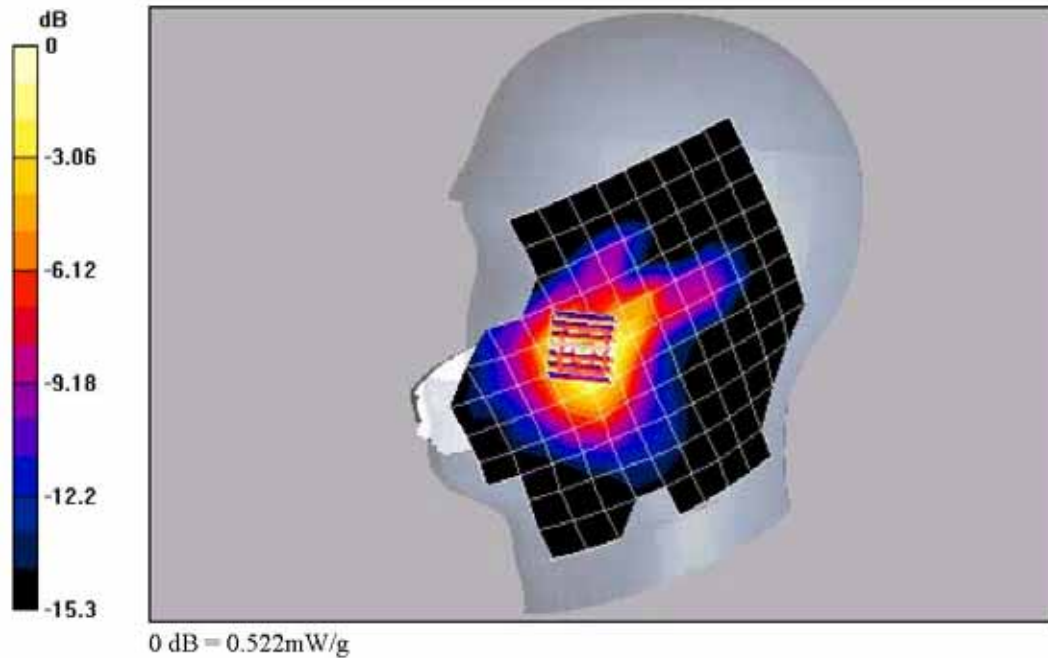
CDMA-1900 Ch600 RCO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.59 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



Date/Time: 12/14/04 11:24:00

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Right Tilt Phone Open Antenna Extended

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

Medium: HSL1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.43$ mho/m, $\epsilon_r = 39.3$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3D/V6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection).

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

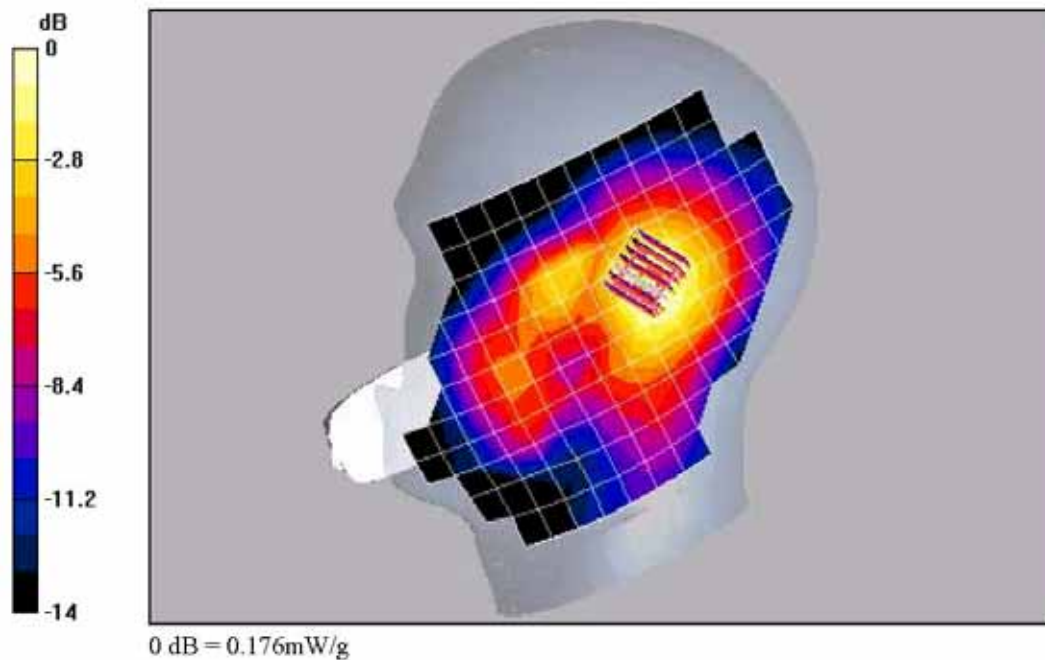
CDMA-1900 Ch600 RTO EXT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.164 mW/g SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



Date/Time: 12/13/04 09:24:47

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Left Cheek Closed Antenna Retracted

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

Medium: HSL1800, Medium parameters used: $f = 1880 \text{ MHz}$, $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 39.3$, $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConnF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 SetA94, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

Room T = 21.8 $\pm$ 1 deg C, Liquid T = 22.0 $\pm$ 1 deg C

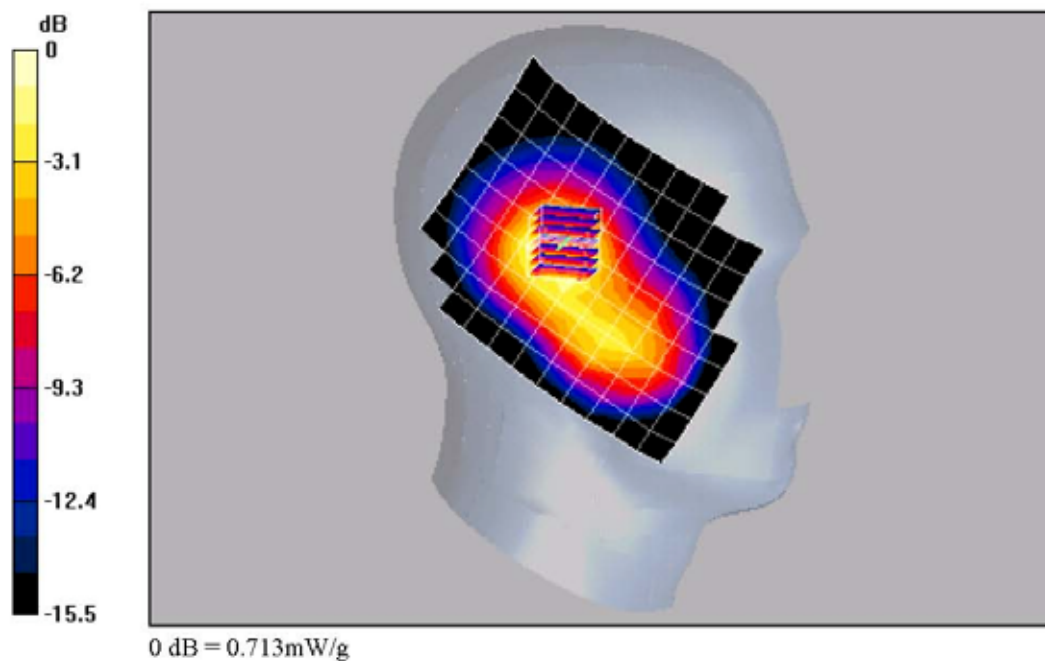
CDMA-1900 Ch600 LCC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.713 mW/g



Date/Time: 12/14/04 06:22:46

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch25 Left Tilt Phone Closed Antenna Retracted Extended Battery

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

Medium: HSL1800, Medium parameters used (extrapolated): $f = 1851.25$ MHz, $\sigma = 1.43$ mho/m, $\epsilon_r = 39.3$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CoreF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 SnA94, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

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

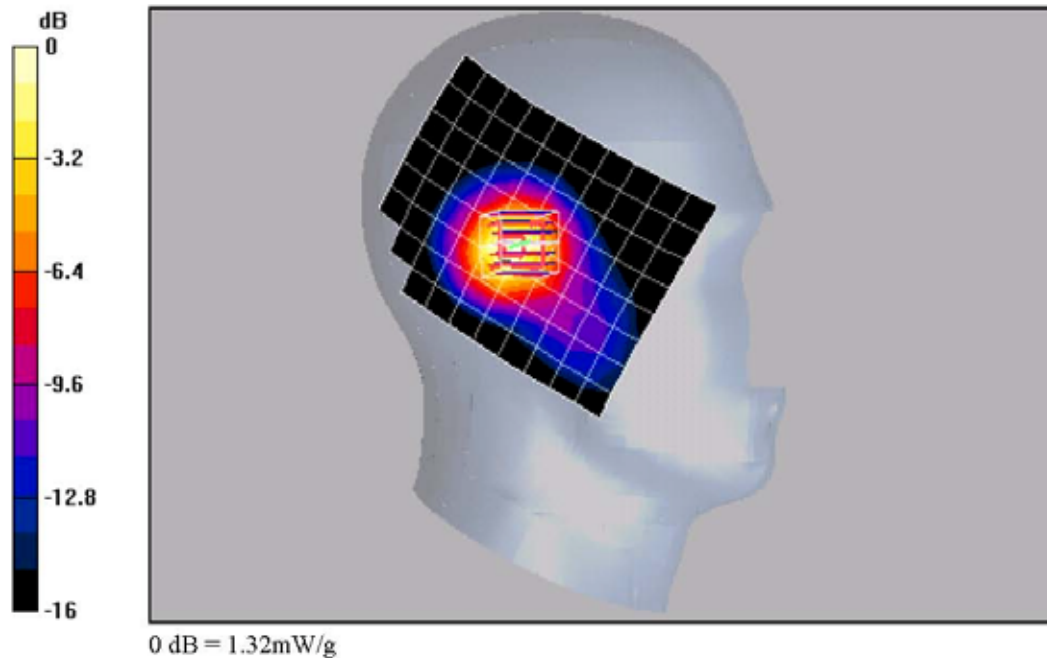
Reference Value = 24.9 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.660 mW/g

Info: Extrapolated medium parameters used for SAR evaluation!

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



Date/Time: 12/13/04 15:14:15

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Right Cheek Phone Closed Antenna Retracted

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

Medium: HSL1800, Medium parameters used: $f = 1880 \text{ MHz}$, $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 39.3$, $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConnF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

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

Electronics: DA33 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:

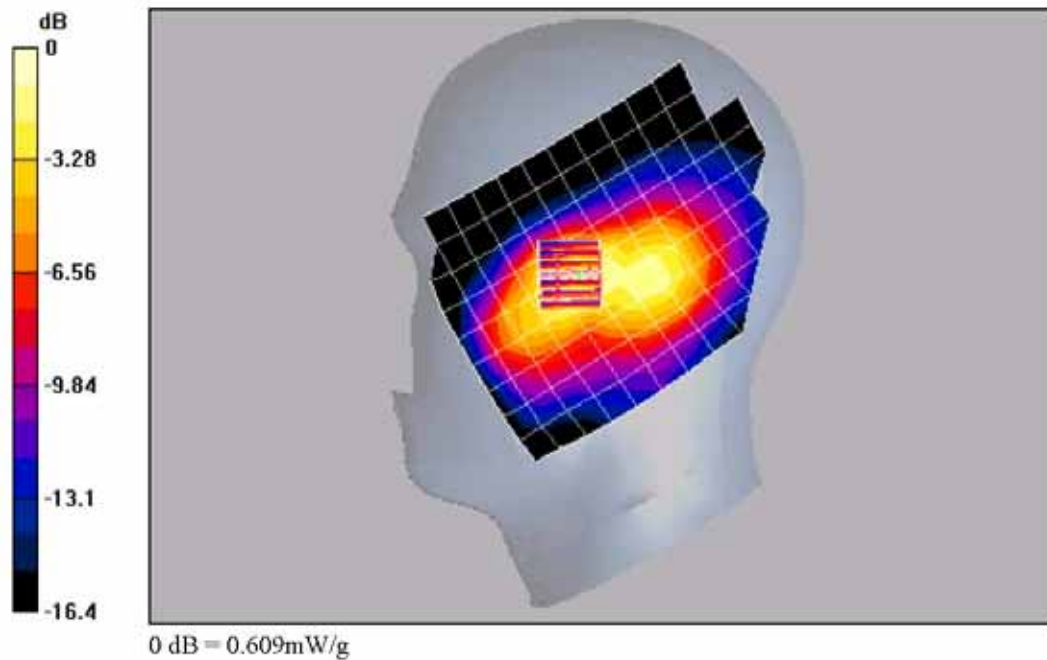
Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

CDMA-1900 Ch600 RCC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.5 V/m , Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.565 mW/g , SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.609 mW/g


Date/Time: 12/14/04 01:25:05

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 Right Tilt Phone Closed Antenna Extended

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

Medium: HSL1800, Medium parameters used: $f = 1880 \text{ MHz}$, $\sigma = 1.43 \text{ mho/m}$, $\epsilon_r = 39.3$, $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConnF(5.43, 5.43, 5.43), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

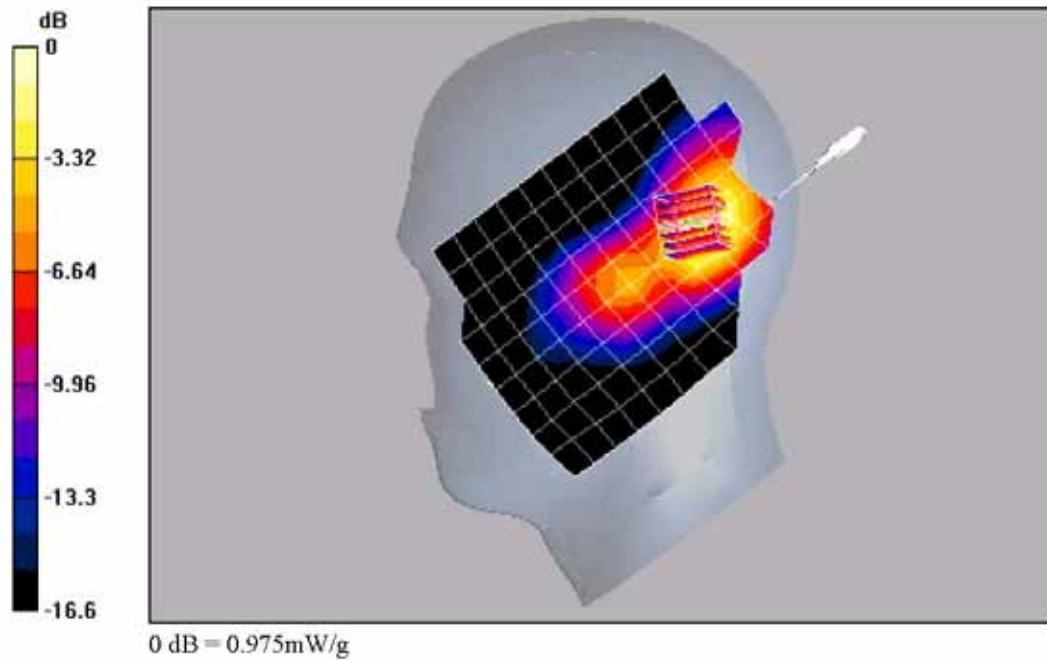
CDMA-1900 Ch600 RTC EXT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

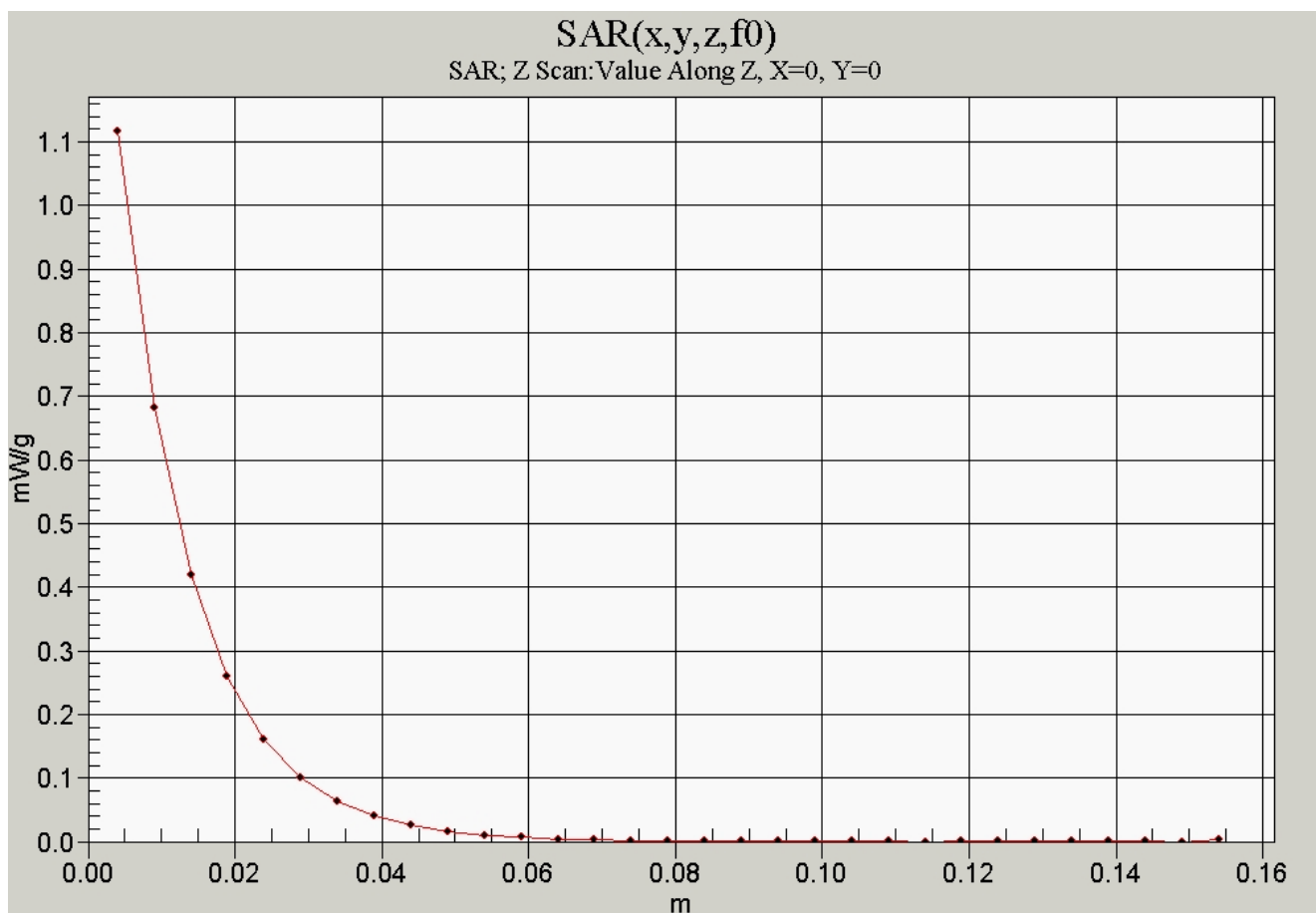
Reference Value = 15 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.599 mW/g

Maximum value of SAR (measured) = 0.975 mW/g





Date/Time: 12/18/04 17:56:48

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-800 ch383 FLAT, Antenna Retracted with Plastic Holster

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: M900, Medium parameters used (interpolated): $f = 836.49 \text{ MHz}$, $\epsilon = 0.976$ (shots), $\epsilon_s = 54.6$, $\rho = 1000 \text{ kg/m}^3$
Phantom: SAM 12 Phantom section: Flat Section

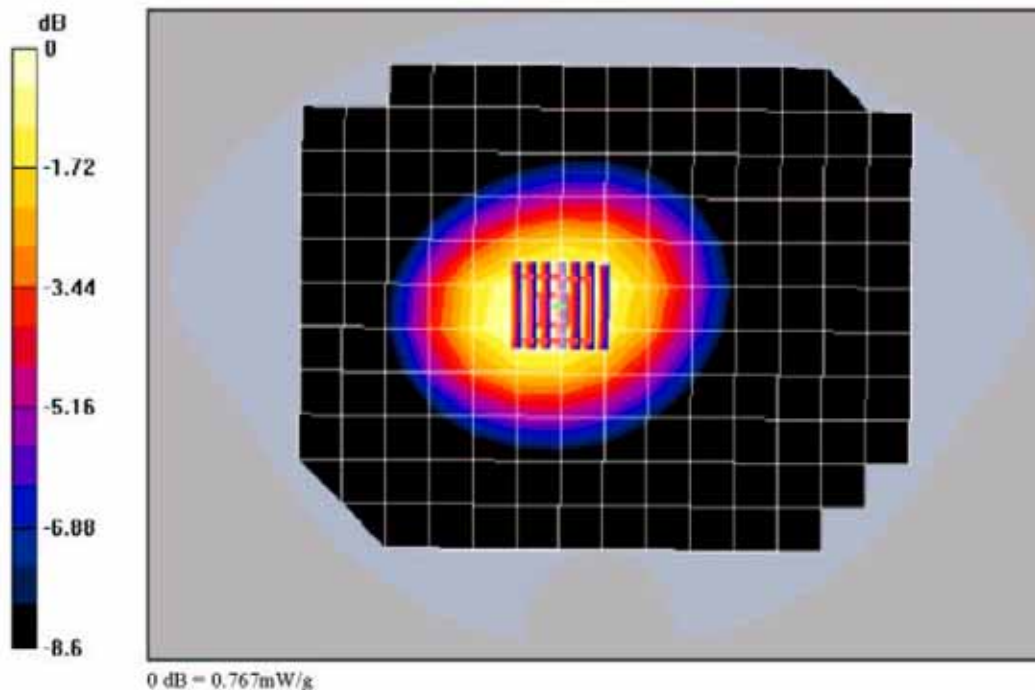
DASY4 Configuration:
Probe: ET3D-V6 - SN1664, ConvF(6.17, 6.17, 6.17), Calibrated: 9/2/2004
Sensor Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:
Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

CDMA-800 FLAT ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.9 V/m, Power Drift = 0.2 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.525 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.767 mW/g



Date/Time: 12/14/04 15:26:36

Test Laboratory: Kyocera

C2PC KX2 #30FL, CDMA-1900 ch600 FLAT, Antenna Extended with 25.0mm Air Space

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.52$ mho/m, $\epsilon_r = 53$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, CoreF(4.72, 4.72, 4.72), Calibrated: 9/2/2004

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn494, Calibrated: 3/11/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

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

CDMA-1900 FLAT ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.14 V/m; Power Dri $\hat{t}$ = 0.0 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.511 mW/g SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.547 mW/g

