

## **Appendix B1:**

### **SAR Distribution Plots (Head)**

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch777 Left Cheek, Phone Open

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

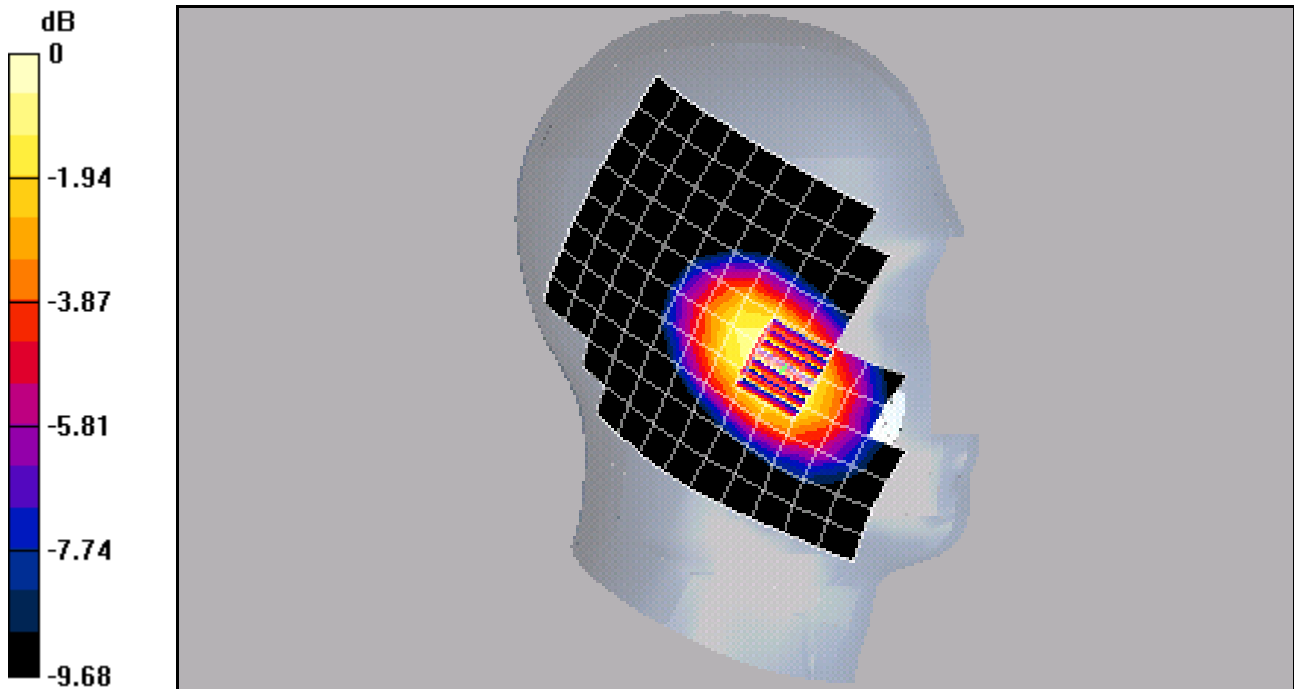
Reference Value = 17.1 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.802 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

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



0 dB = 1.21mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch383, Left Tilt, Phone Open

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

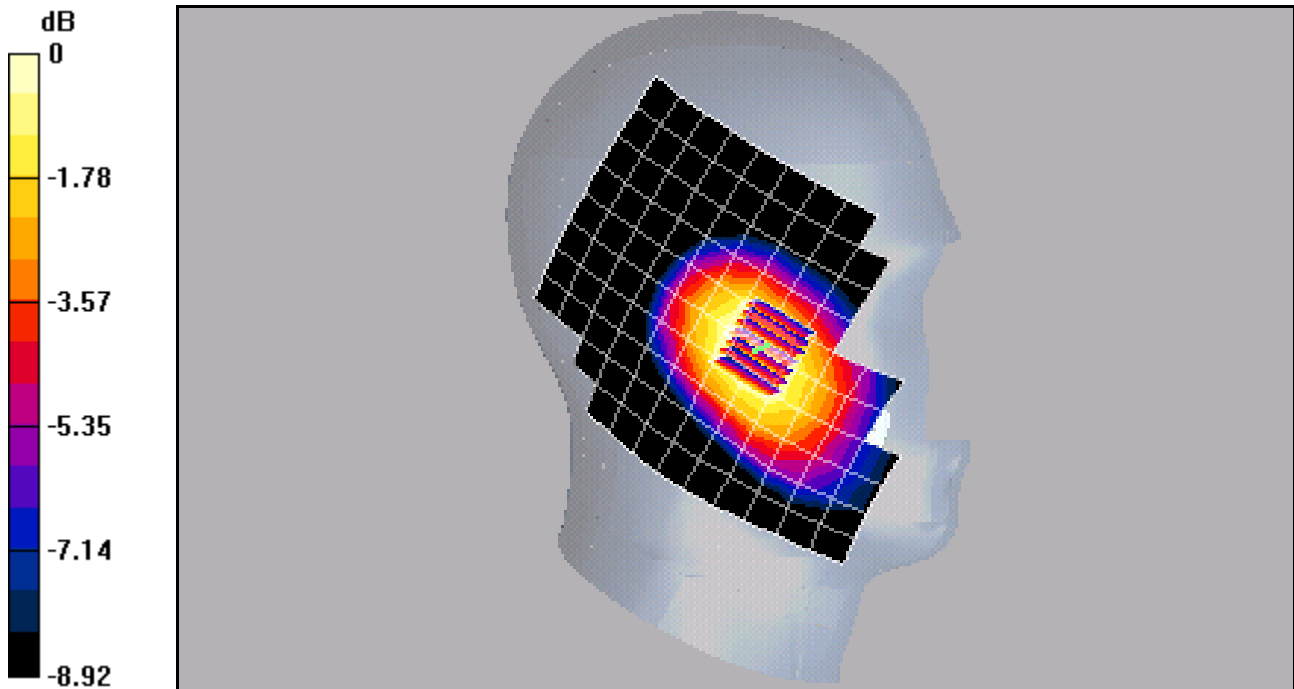
Reference Value = 14.2 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.318 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.453 mW/g



0 dB = 0.453mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch777 Right Cheek, Phone Open

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

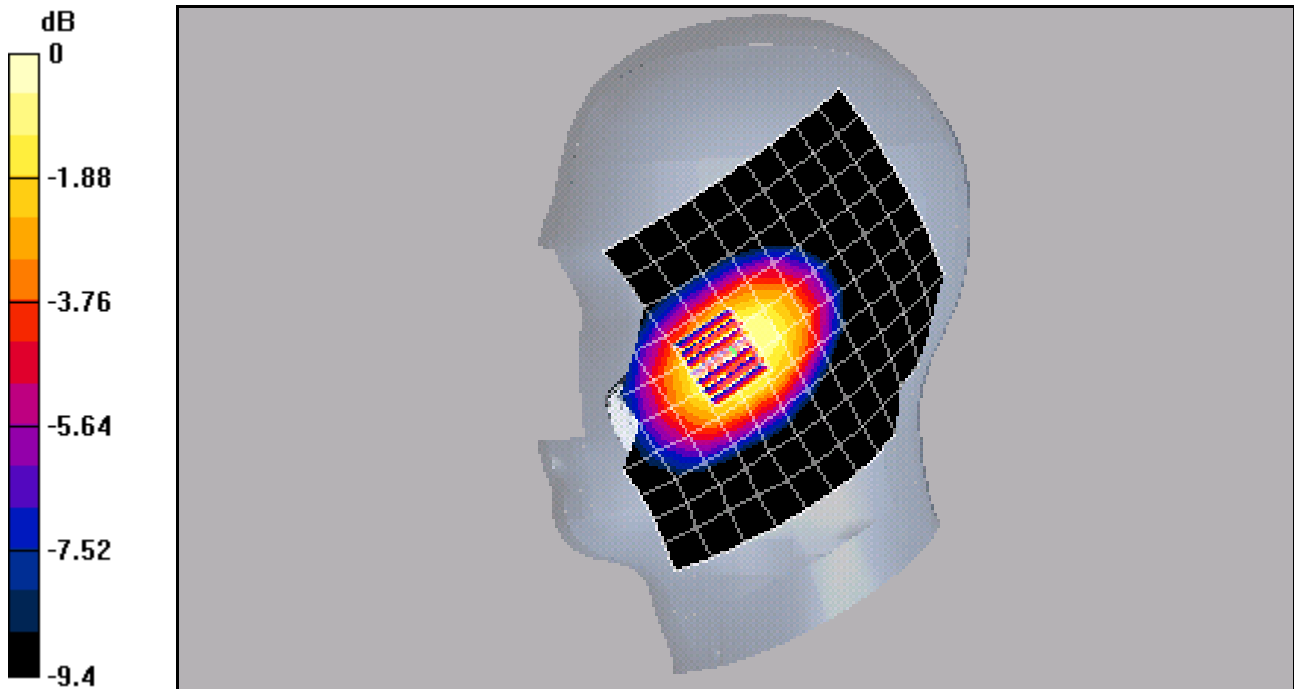
Reference Value = 18.5 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.699 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch383 Right Tilt, Phone Open

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;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

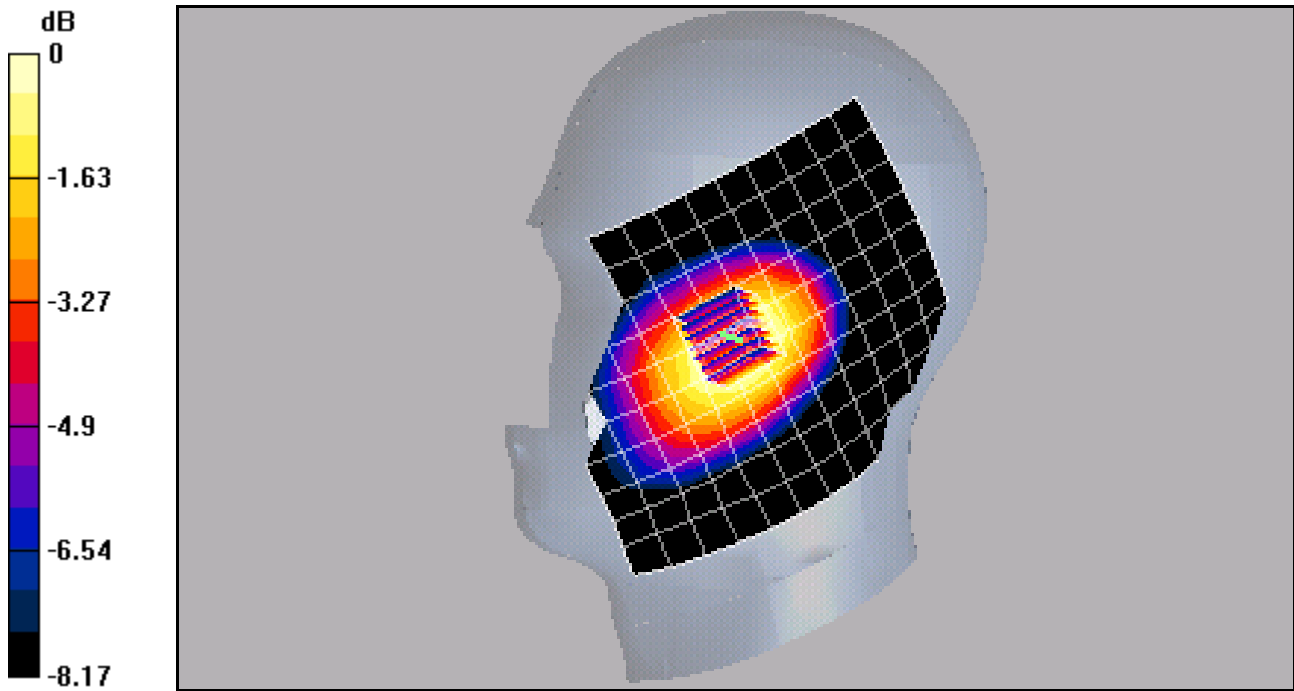
### CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.332 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 0.460mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch1013 Left Cheek, Phone Closed

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

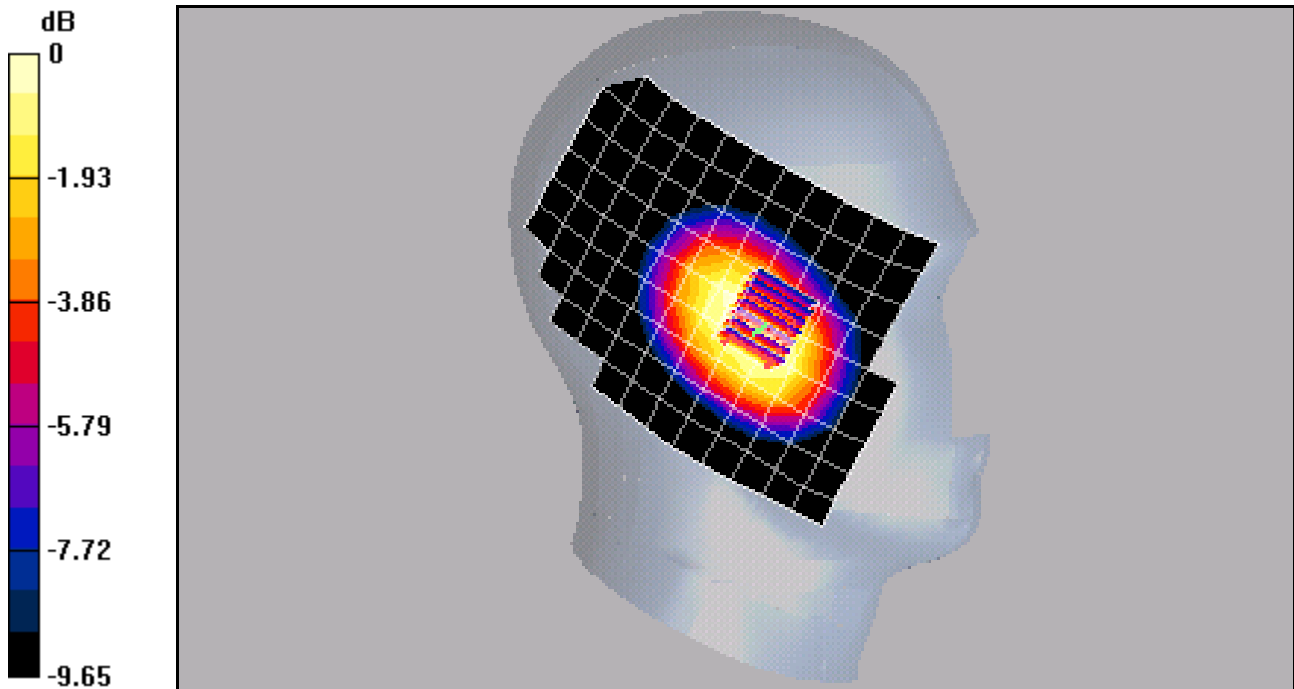
Reference Value = 29 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.702 mW/g

Info: [Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 1 mW/g



0 dB = 1mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch383 Left Tilt, Phone Closed

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;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

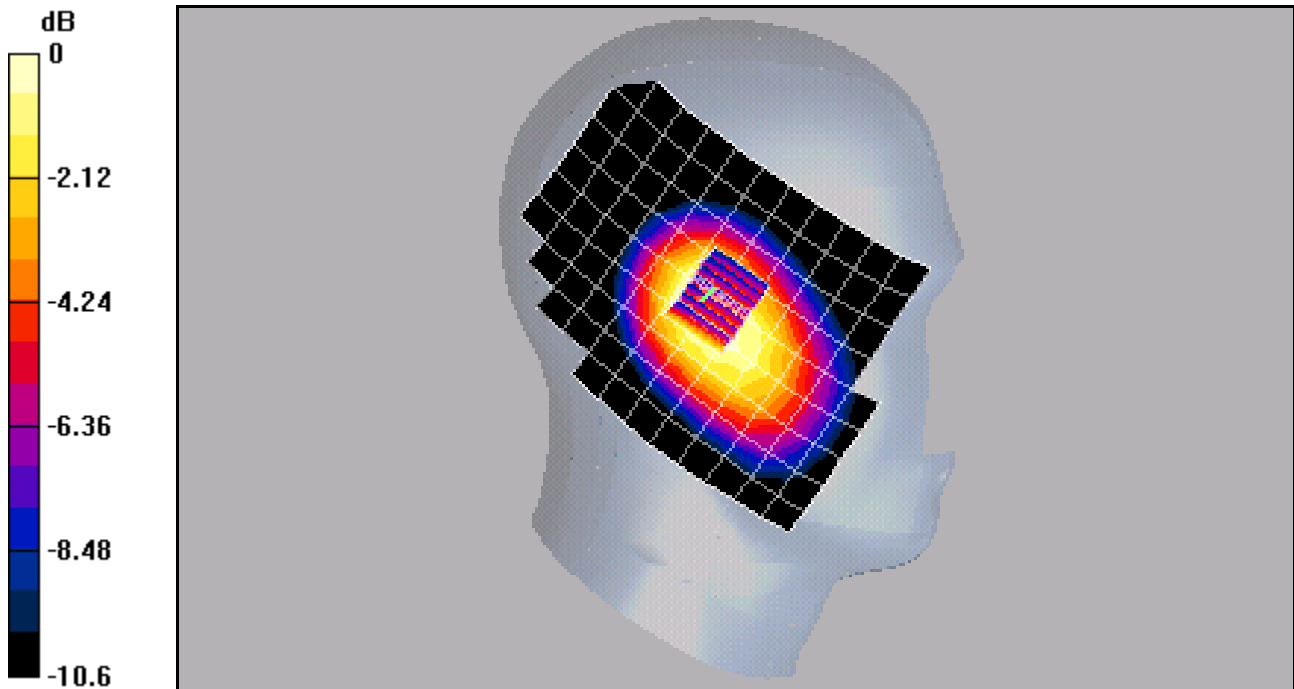
Reference Value = 28.3 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.463 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.691mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch777, Right Cheek, Phone Closed

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

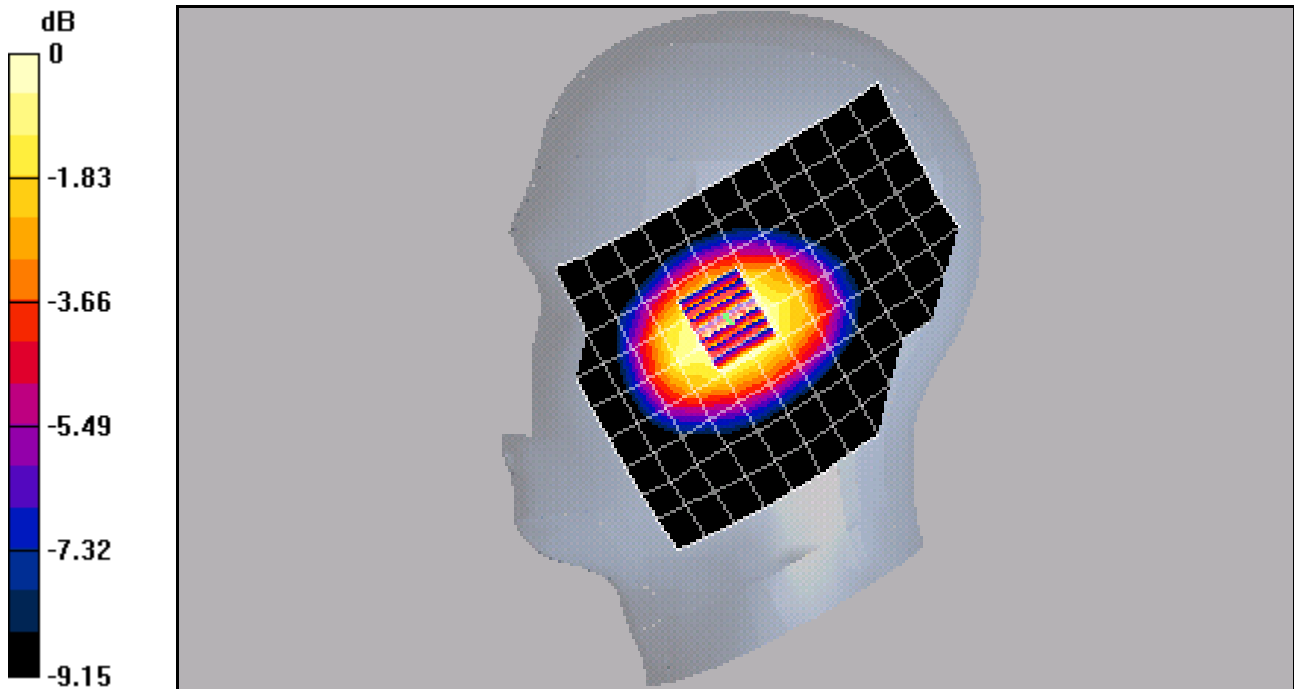
Reference Value = 31.2 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.683 mW/g

Info: [Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.965mW/g



Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-800 ch383, Right Tilt, Phone Closed

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;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(6.29, 6.29, 6.29), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

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

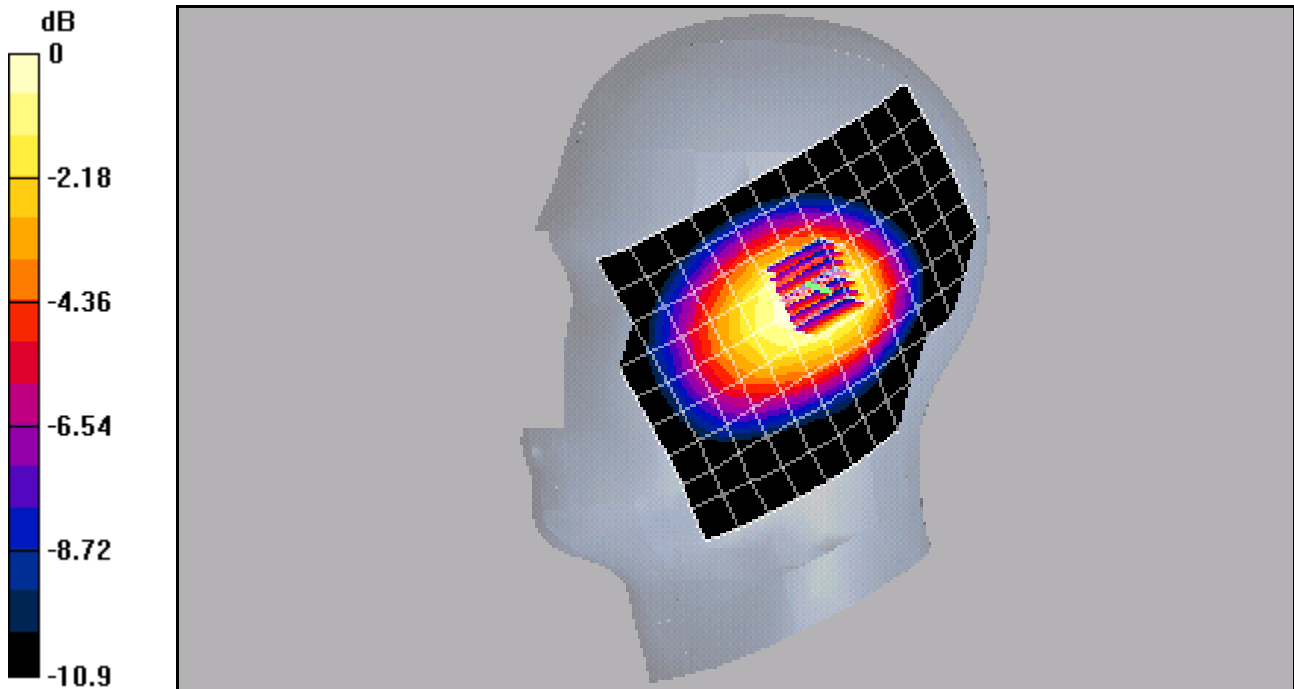
Reference Value = 28.7 V/m; Power Drift = -0.1 dB

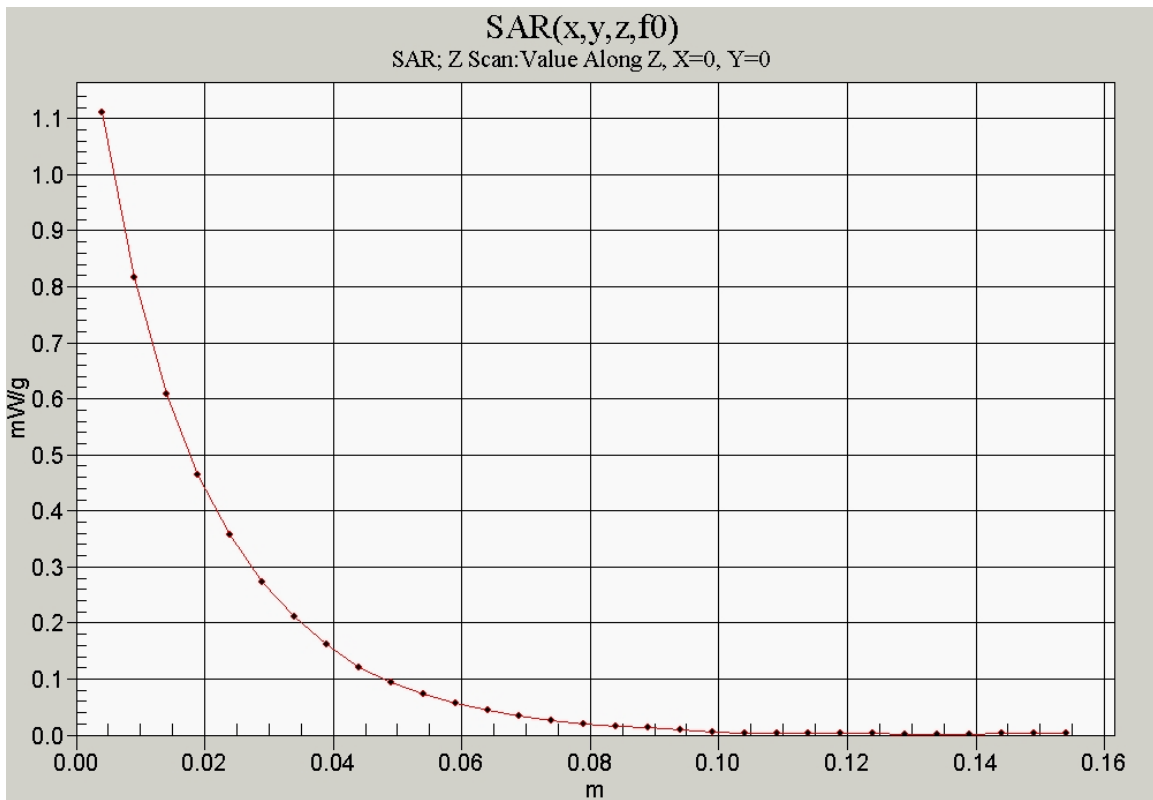
Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.450 mW/g

Info: [Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.659 mW/g





Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-1900 ch600, Left Cheek, Phone Open

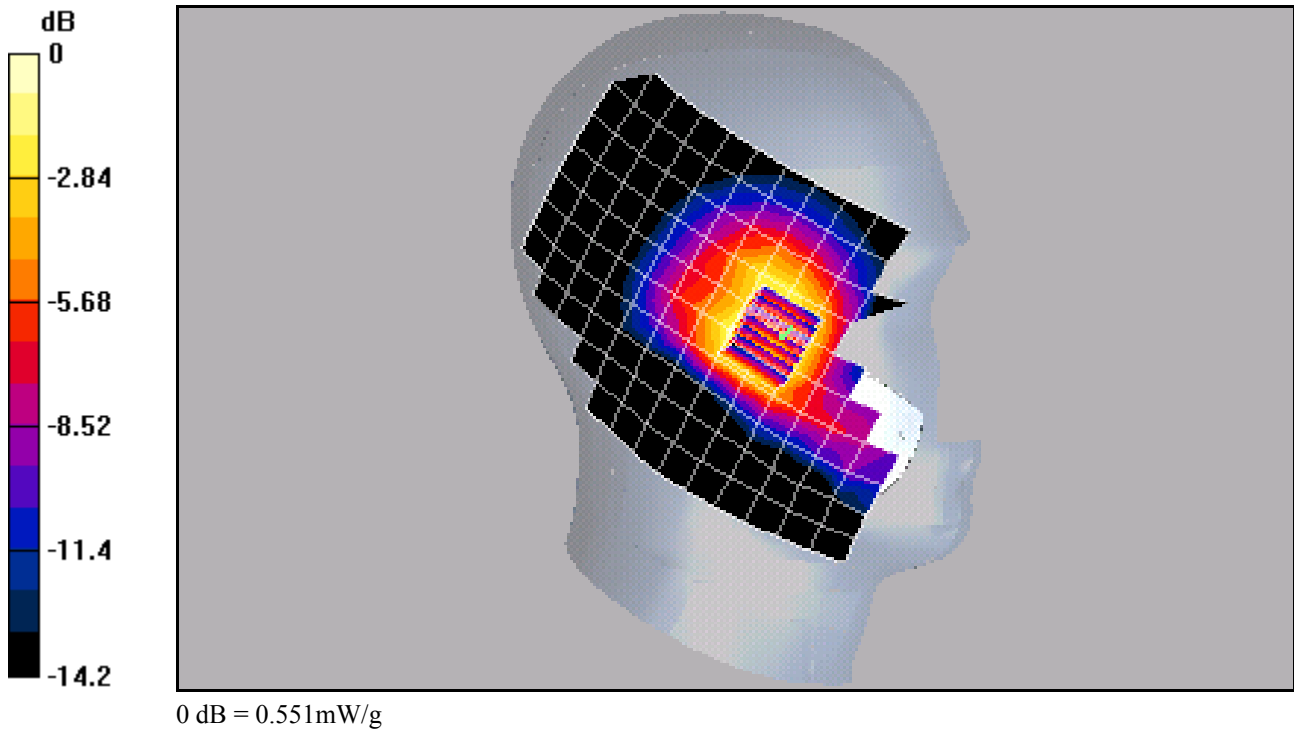
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12,Phantom section: Left Section

**DASY4 Configuration:**  
Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE4 Sn530,Calibrated: 1/4/2005  
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 LC/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) = 0.735 W/kg  
**SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.324 mW/g**  
Maximum value of SAR (measured) = 0.551 mW/g



Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-1900 ch600, Left Tilt, Phone Open

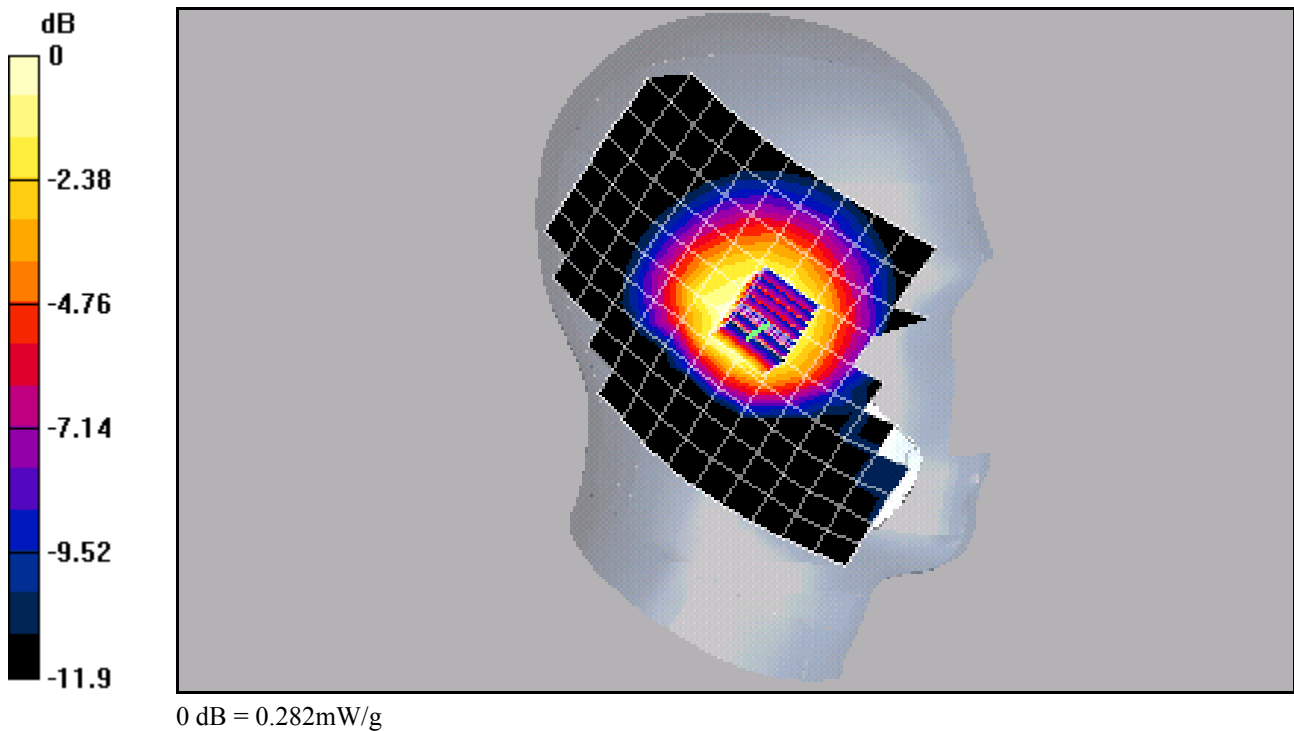
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12,Phantom section: Left Section

**DASY4 Configuration:**  
Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE4 Sn530,Calibrated: 1/4/2005  
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 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 0.390 W/kg  
**SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.180 mW/g**  
Maximum value of SAR (measured) = 0.282 mW/g



Test Laboratory: Kyocera

**KX18 #K3YN, CDMA-1900 ch600, Right Cheek, Phone Open, with Extended Battery**

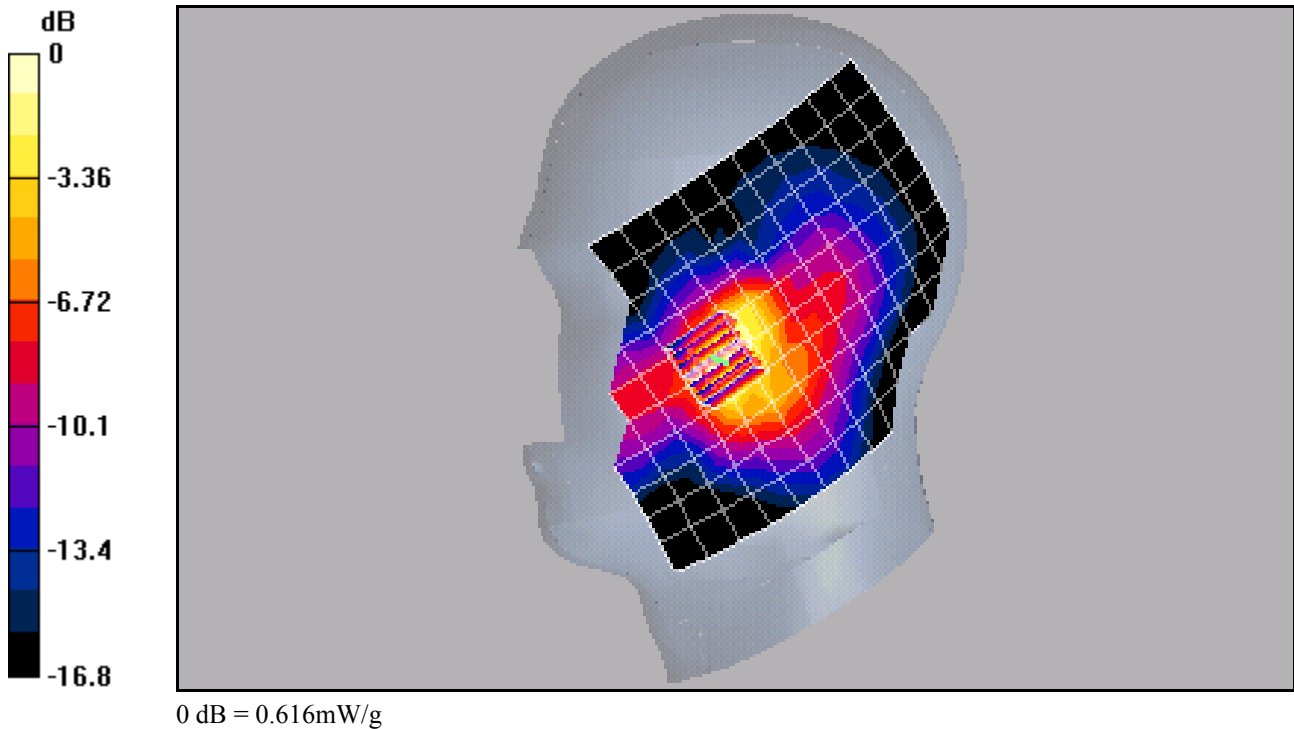
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12,Phantom section: Right Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn530,Calibrated: 1/4/2005  
 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 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.72 V/m; Power Drift = -0.0 dB  
 Peak SAR (extrapolated) = 0.846 W/kg  
**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.331 mW/g**  
 Maximum value of SAR (measured) = 0.616 mW/g



Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-1900 ch600, Right Tilt, Phone Open, with Extended Battery

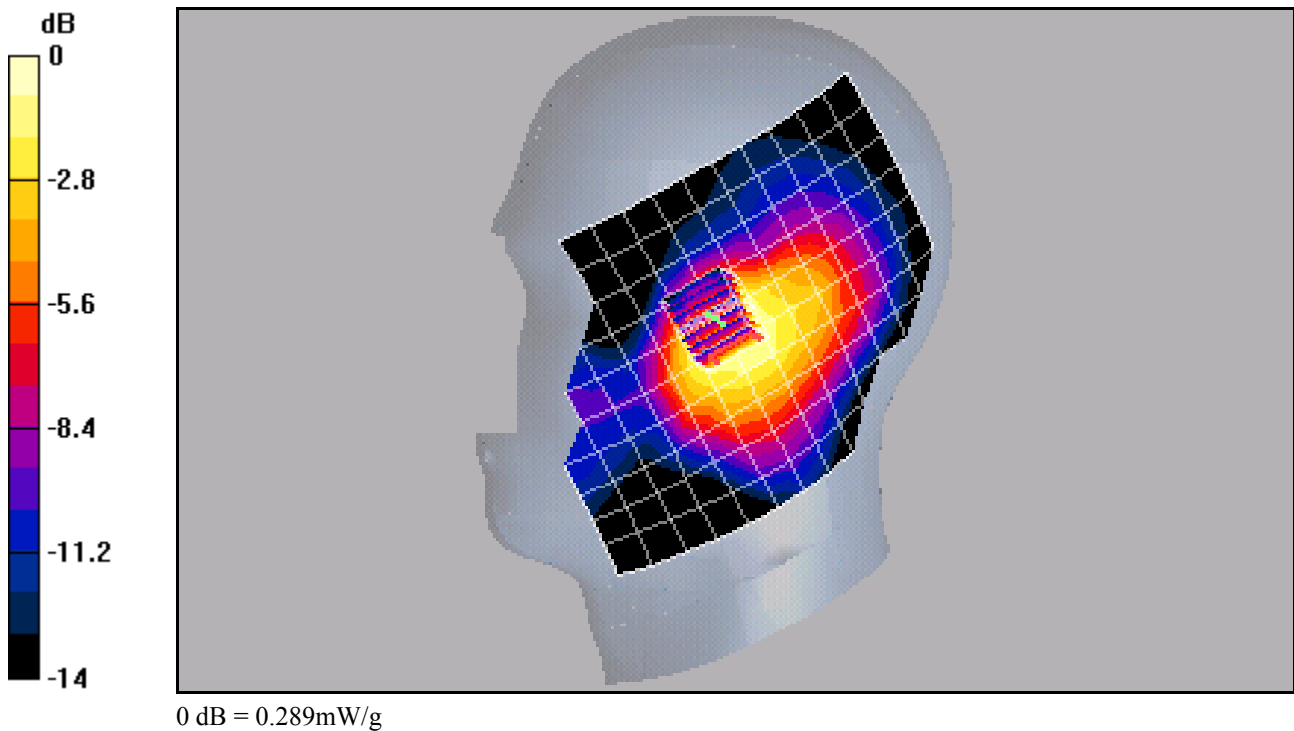
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12,Phantom section: Right Section

**DASY4 Configuration:**  
Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE4 Sn530,Calibrated: 1/4/2005  
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 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.393 W/kg  
**SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.170 mW/g**  
Maximum value of SAR (measured) = 0.289 mW/g



Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-1900 ch600, Left Cheek, Phone Closed, with Extended Battery

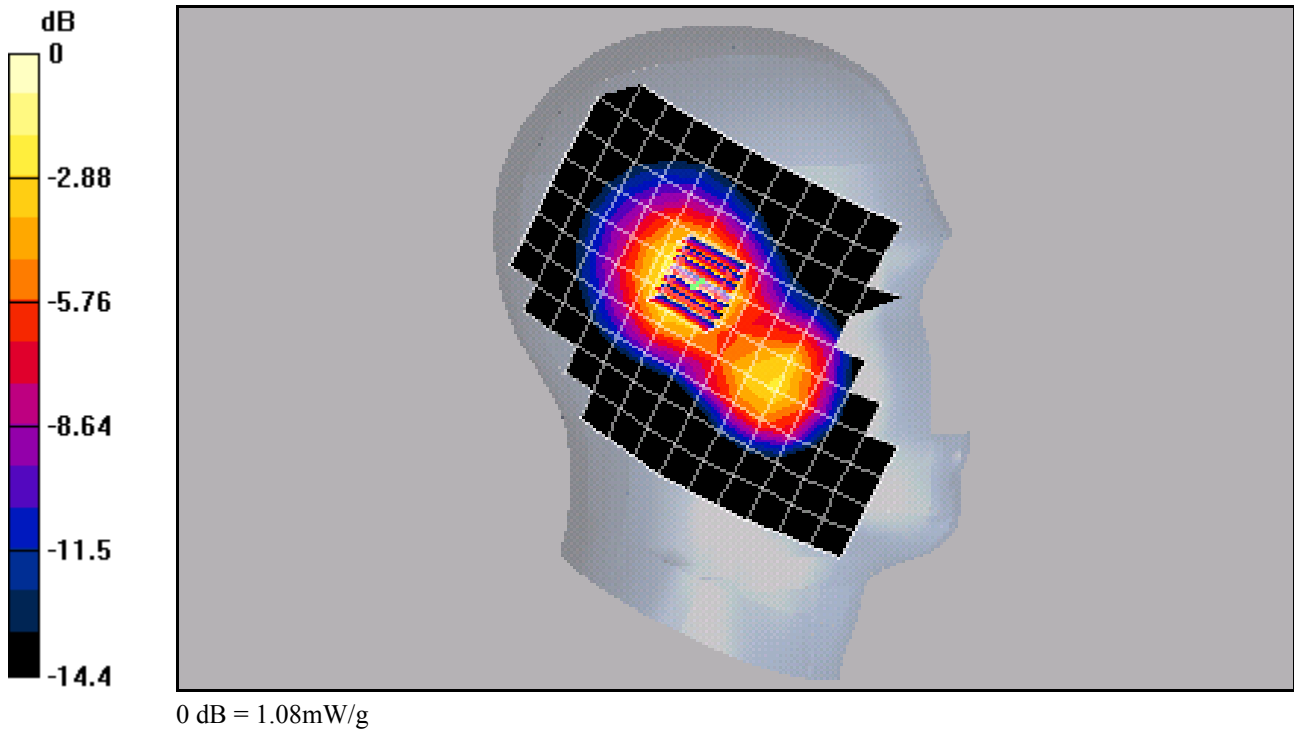
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12,Phantom section: Left Section

**DASY4 Configuration:**  
Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE4 Sn530,Calibrated: 1/4/2005  
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 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = 0.0 dB  
Peak SAR (extrapolated) = 1.54 W/kg  
**SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.576 mW/g**  
Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-1900 ch600, Left Tilt, Phone Closed, with Extended Battery

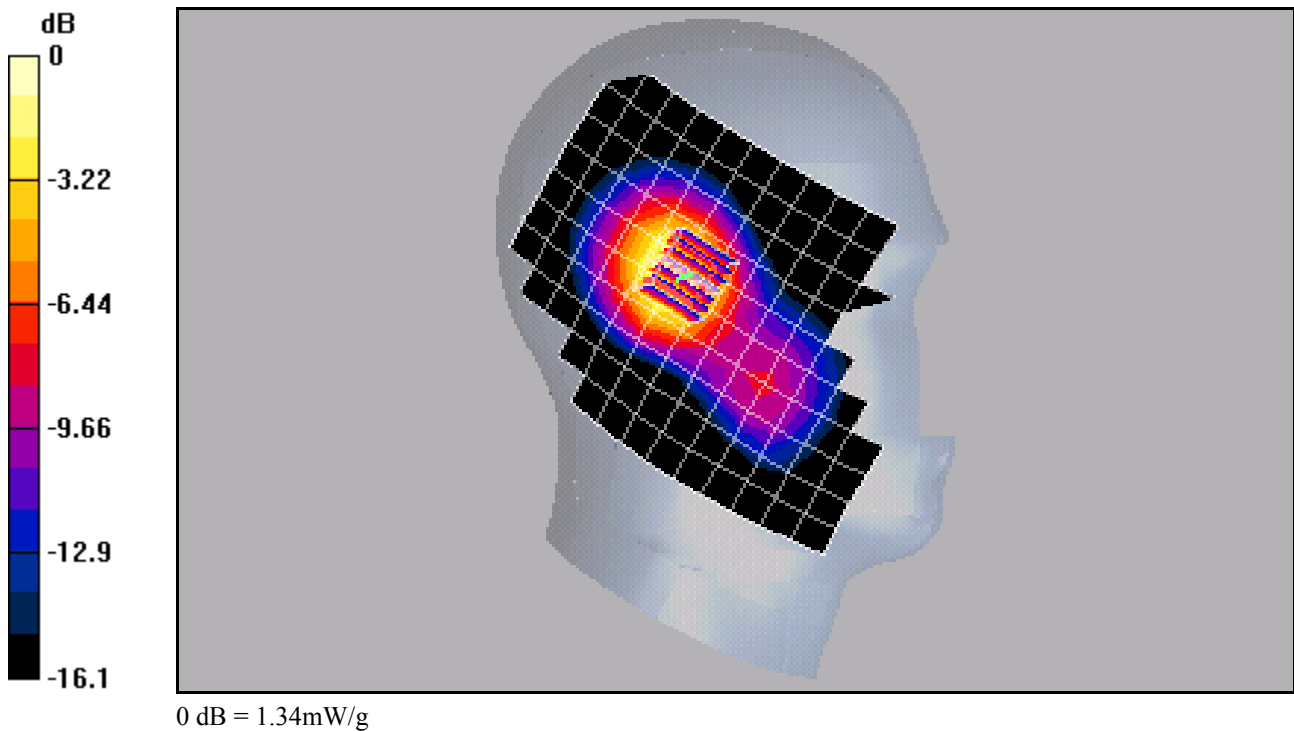
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: HSL1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn530, Calibrated: 1/4/2005  
 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 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.2 V/m; Power Drift = 0.0 dB  
 Peak SAR (extrapolated) = 2.05 W/kg  
**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.721 mW/g**  
 Maximum value of SAR (measured) = 1.34 mW/g





Test Laboratory: Kyocera

**KX18 #K3YN, CDMA-1900 ch600, Right Cheek, Phone Closed**

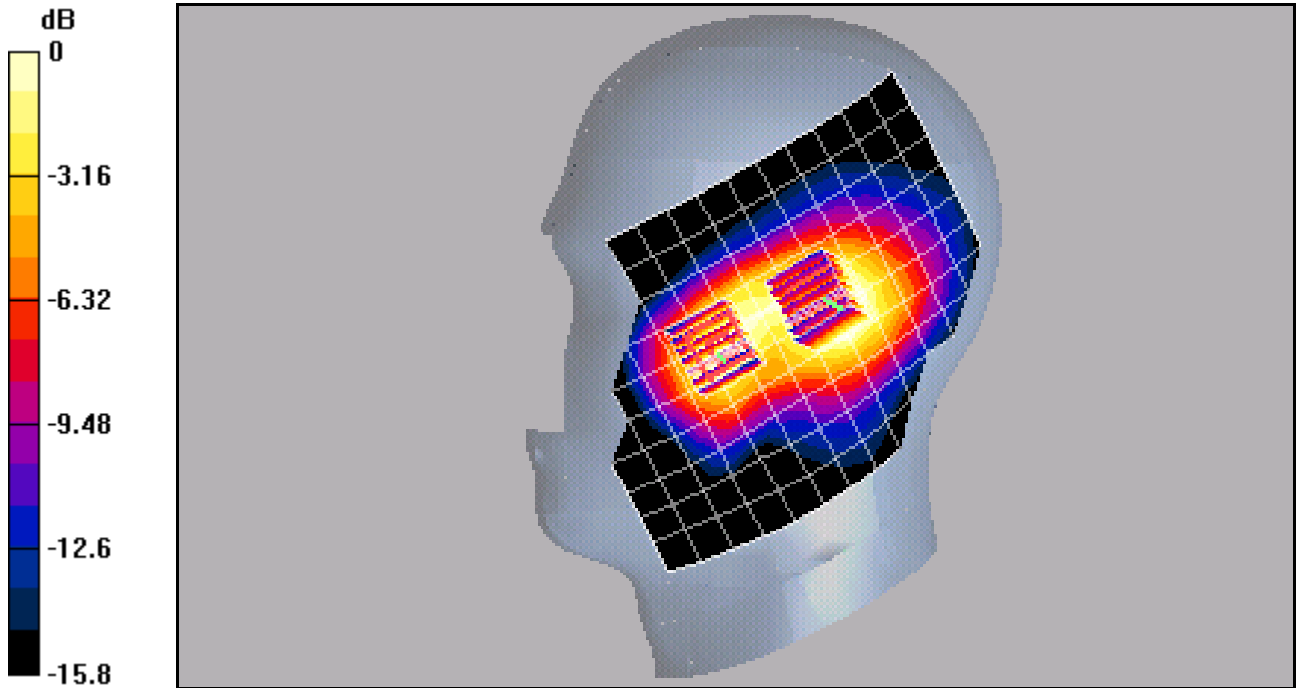
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12,Phantom section: Right Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn530,Calibrated: 1/4/2005  
 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 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 25.5 V/m; Power Drift = -0.1 dB  
 Peak SAR (extrapolated) = 1.15 W/kg  
**SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.460 mW/g**  
 Maximum value of SAR (measured) = 0.792 mW/g

**CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 25.5 V/m; Power Drift = -0.1 dB  
 Peak SAR (extrapolated) = 0.827 W/kg  
**SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.383 mW/g**  
 Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.650mW/g

Test Laboratory: Kyocera

### KX18 #K3YN, CDMA-1900 Right Tilt, Phone Closed, with Extended Battery

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

Medium: HSL1800,Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12,Phantom section: Right Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.18, 5.18, 5.18), Calibrated: 5/19/2005

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

Electronics: DAE4 Sn530,Calibrated: 1/4/2005

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

Reference Value = 24.9 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.576 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

