

**Appendix B-5  
K480 Family – Tri-mode Color Aktiv**

**For**

**FCC ID: OVFKWC-K4X4**

# Section 1

## AMPS

Date/Time: 05/21/04 12:43:32

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Left Cheek**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.922$  mh $\omega$ /m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m $^3$

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

**AMPS Ch383 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

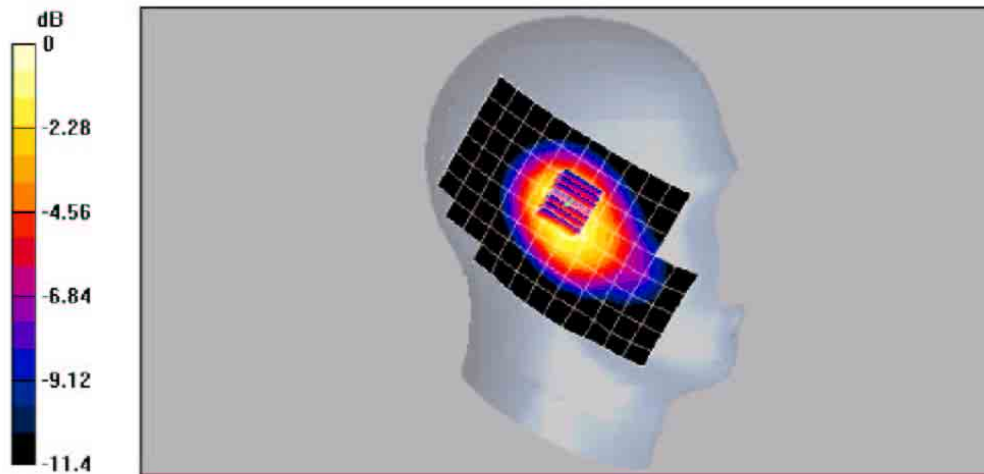
Reference Value = 34.5 V/m, Power Dn fit = -0.1 dB

Maximum value of SAR (measured) = 1.23 mW/g

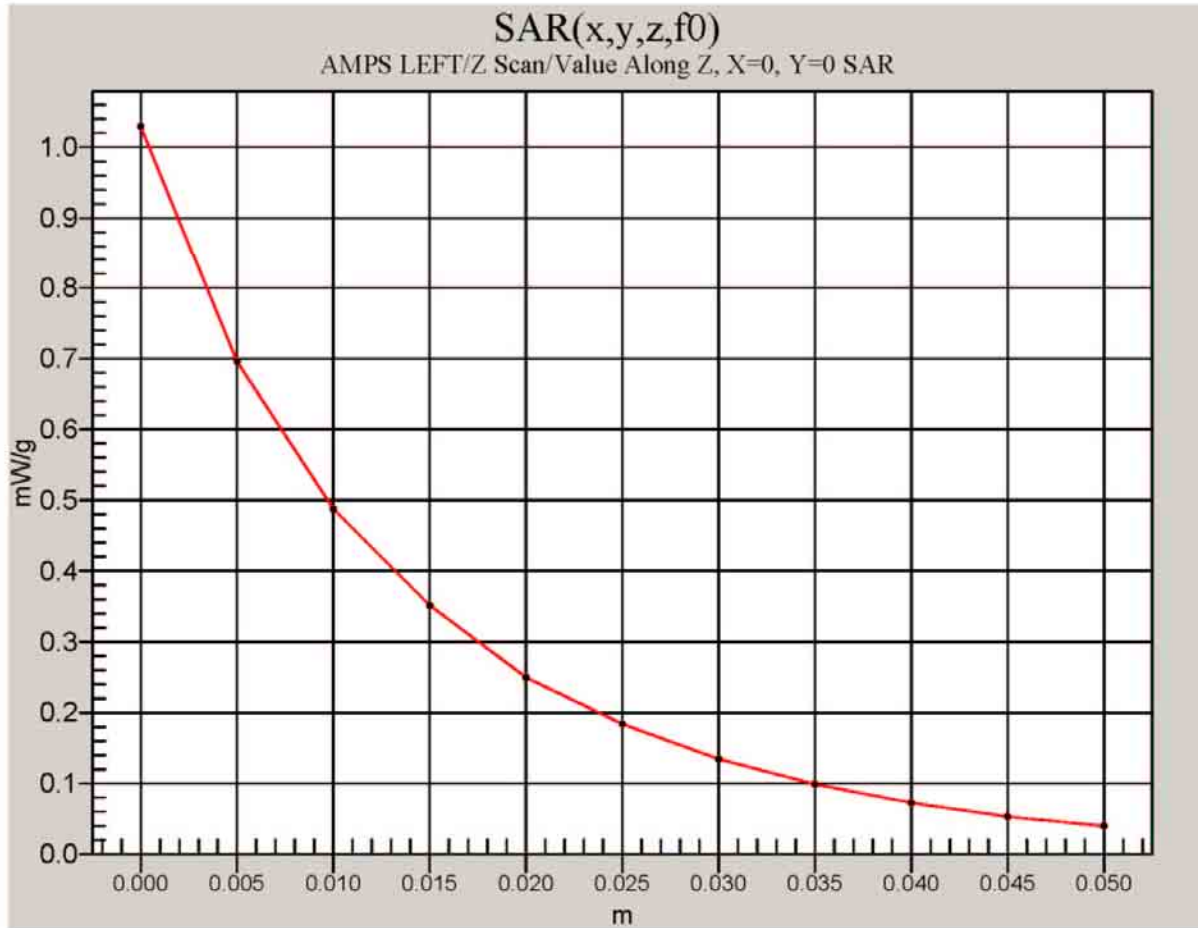
Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.792 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 1.23mW/g



Date/Time: 05/21/04 12:43:32

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Left Tilt**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.922$  mho/m,  $\epsilon_r = 42.7$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

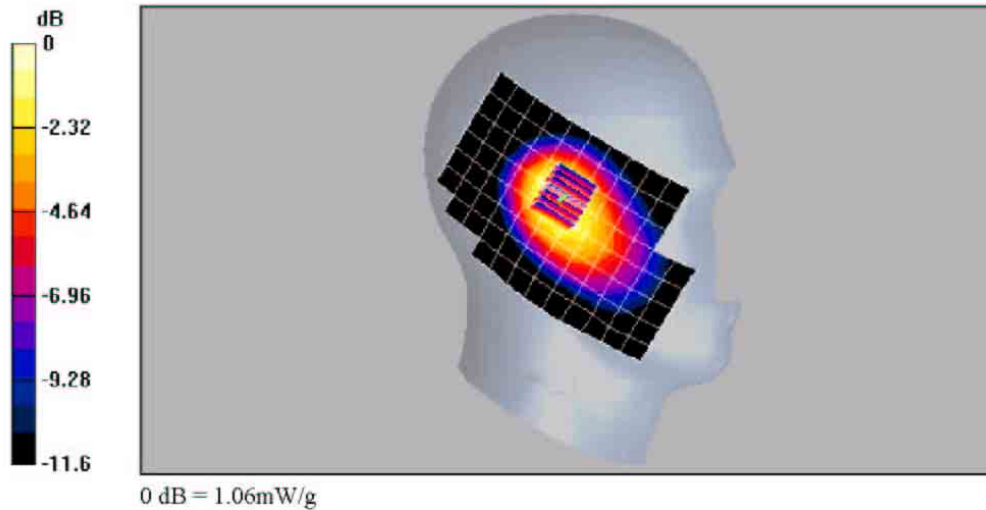
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

**AMPS Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

Reference Value = 33.2 V/m, Power DnB = -0.1 dB  
 Maximum value of SAR (measured) = 1.06 mW/g  
 Peak SAR (extrapolated) = 1.35 W/kg  
**SAR(1g) = 0.990 mW/g; SAR(10g) = 0.684 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/24/04 13:20:08

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Right Cheek**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.915$  mho/m,  $\epsilon_r = 42.1$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

**AMPS Ch383 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

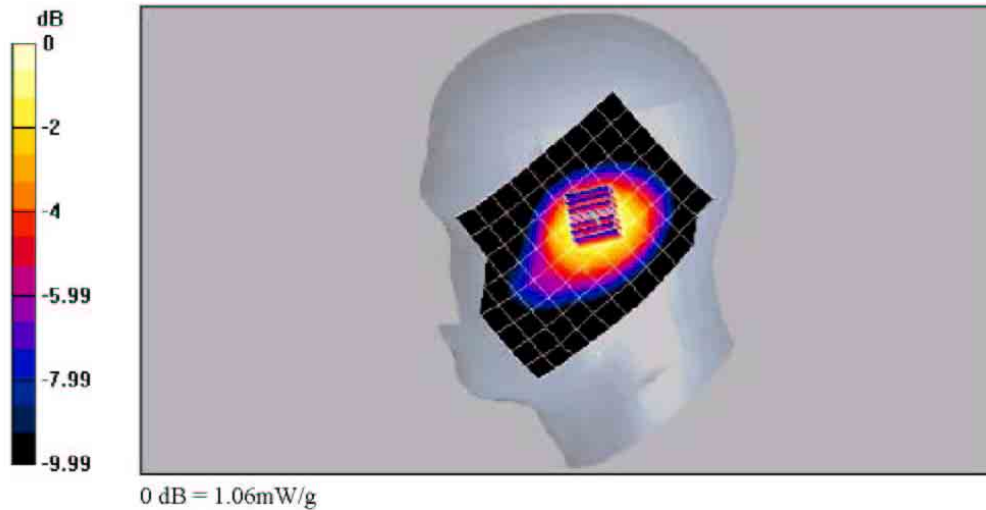
Reference Value = 35.2 V/m, Power DnB = -0.1 dB

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

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.719 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 06/22/04 20:31:21

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS Ch383 Right Tilt**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.924$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConfF(6.7, 6.7, 6.7), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature:**

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

**AMPS Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

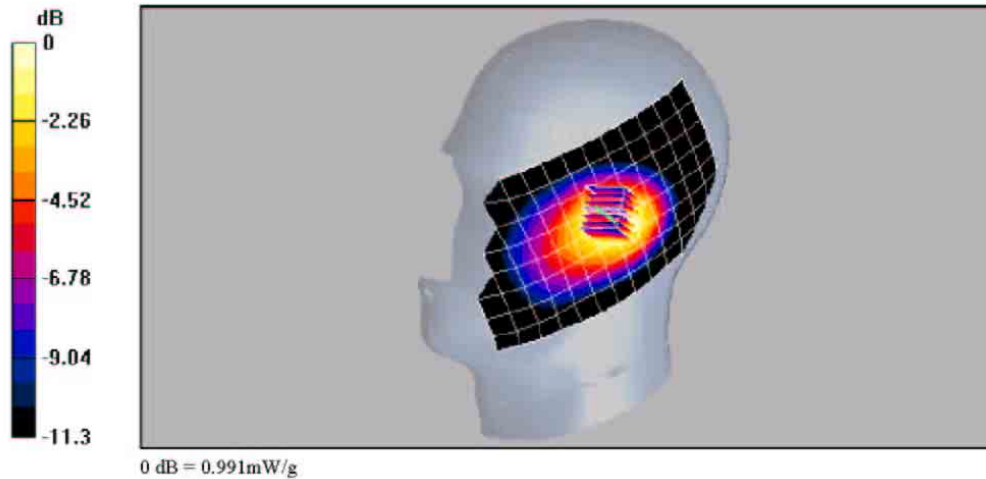
Reference Value = 33.5 V/m, Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.991 mW/g

Peak SAR (extrapolated) = 1.2 W/kg

**SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.656 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!



Date/Time: 06/16/04 12:03:47

Test Laboratory: Kyocera

**K484LC #9LTS AMPS ch383 Flat with 22.5mm Air Space and Backpack Clip**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49 \text{ MHz}$ ,  $\sigma = 0.981 \text{ mho/m}$ ,  $\epsilon_r = 55.4$ ,  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

**AMPS Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

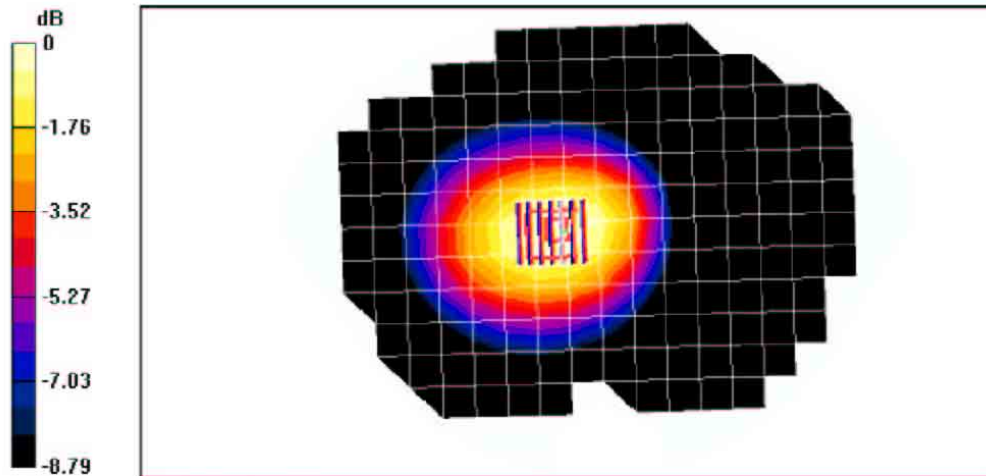
Reference Value = 21 V/m, Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.457 mW/g

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.318 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.457mW/g



Date/Time: 06/16/04 11:26:19

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Flat with 22.5mm Air Space**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.982$  mh $\sigma$ /m;  $\epsilon_r = 56.2$ ;  $\rho = 1000$  kg/m $^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

**AMPS Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

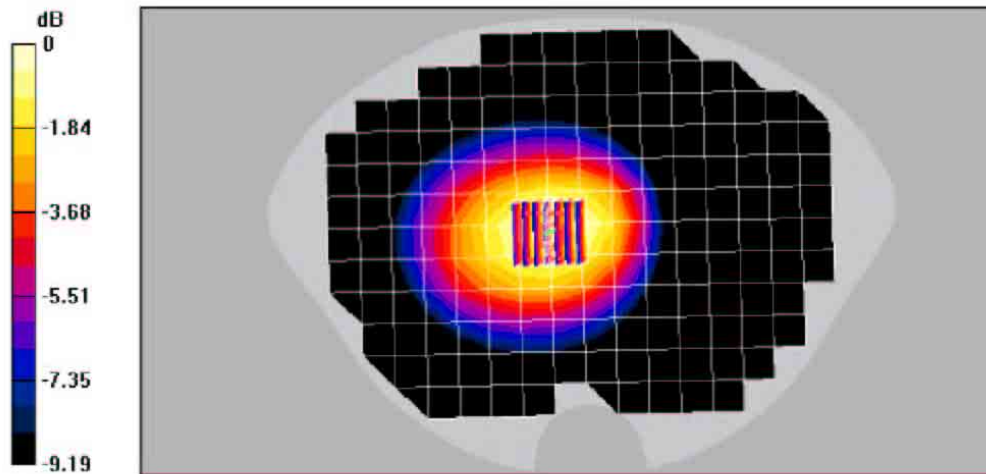
Reference Value = 22.3 V/m, Power Dn fit = -0.1 dB

Maximum value of SAR (measured) = 0.505 mW/g

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.347 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 0.505mW/g

Date/Time: 06/16/04 12:04:02

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Flat with Belt Clip and Backpack Clip**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

**AMPS Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

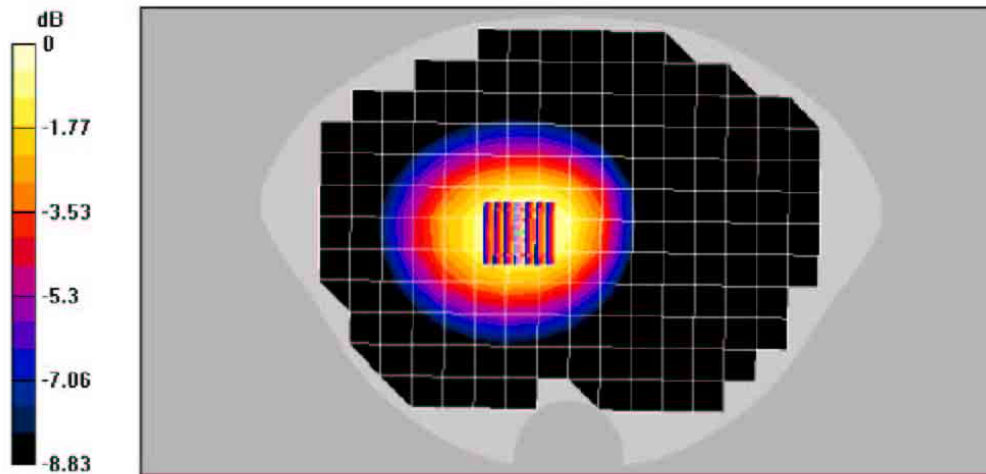
Reference Value = 22.8 V/m, Power Dn fit = -0.0 dB

Maximum value of SAR (measured) = 0.582 mW/g

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1g) = 0.547 mW/g; SAR(10g) = 0.398 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Date/Time: 06/16/04 12:03:07

Test Laboratory: Kyocera

### K484LC #9LTS, AMPS ch383 Flat with Belt Clip

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 56.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

#### Temperature

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

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

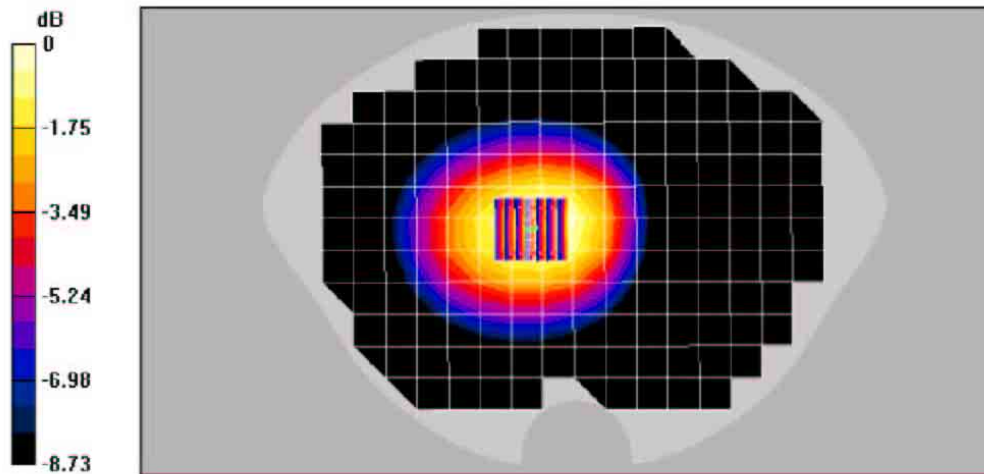
Reference Value = 22.6 V/m, Power Dn fit = 0.0 dB

Maximum value of SAR (measured) = 0.510 mW/g

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1g) = 0.483 mW/g; SAR(10g) = 0.353 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 0.510mW/g

Date/Time: 06/16/04 12:04:25

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Flat with Leather Case and Backpack Clip**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49 \text{ MHz}$ ,  $\sigma = 0.981 \text{ mho/m}$ ,  $\epsilon_r = 55.4$ ,  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

**AMPS Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

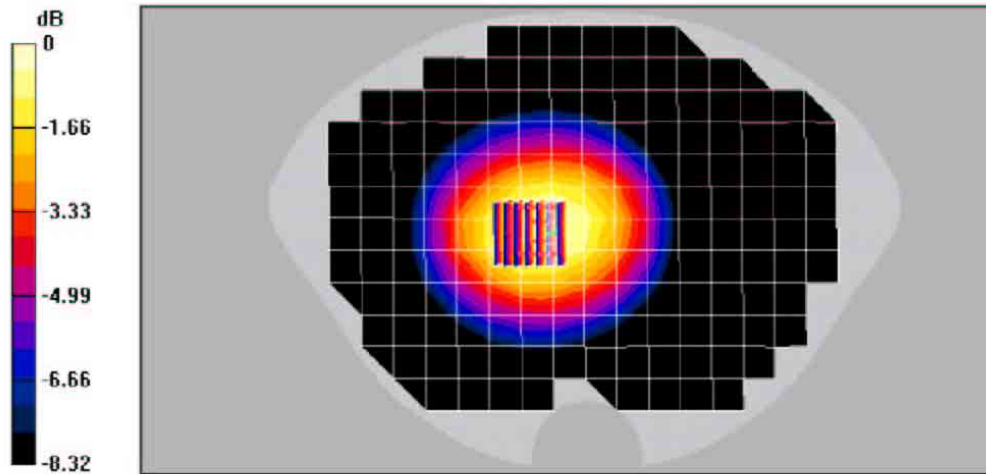
Reference Value = 20.6 V/m, Power Dn B = 0.002 dB

Maximum value of SAR (measured) = 0.452 mW/g

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.312 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 06/16/04 12:03:24

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS ch383 Flat with Leather Case**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49 \text{ MHz}$ ,  $\sigma = 0.982 \text{ mho/m}$ ,  $\epsilon_r = 56.2$ ,  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

**AMPS Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

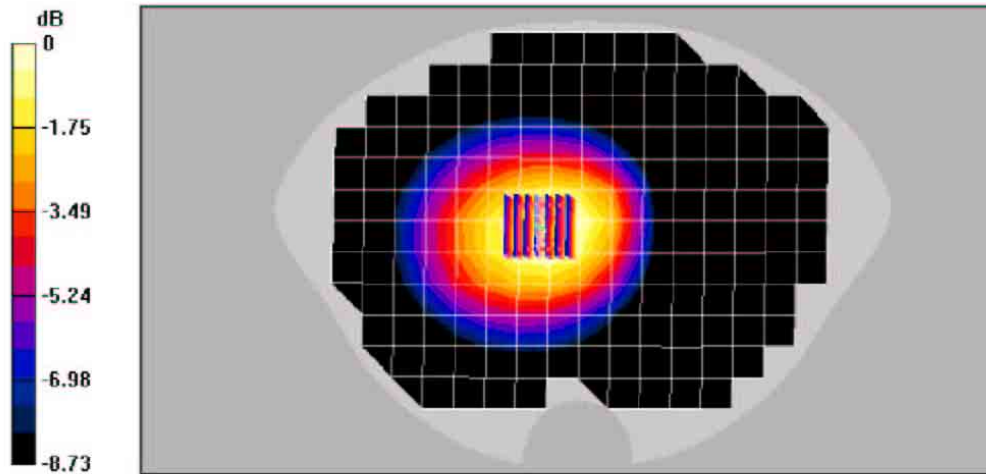
Reference Value = 20.4 V/m, Power Dn B = -0.1 dB

Maximum value of SAR (measured) = 0.419 mW/g

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.287 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.419mW/g

Date/Time: 05/24/04 22:00:33

Test Laboratory: Kyocera

**K484LC #9LTS, AMPS Ch383 with Left Cheek and BackPackClip**

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.915$  mh $\omega$ /m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m $^3$

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003

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

Electronics: DAES Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

**AMPS Ch383 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

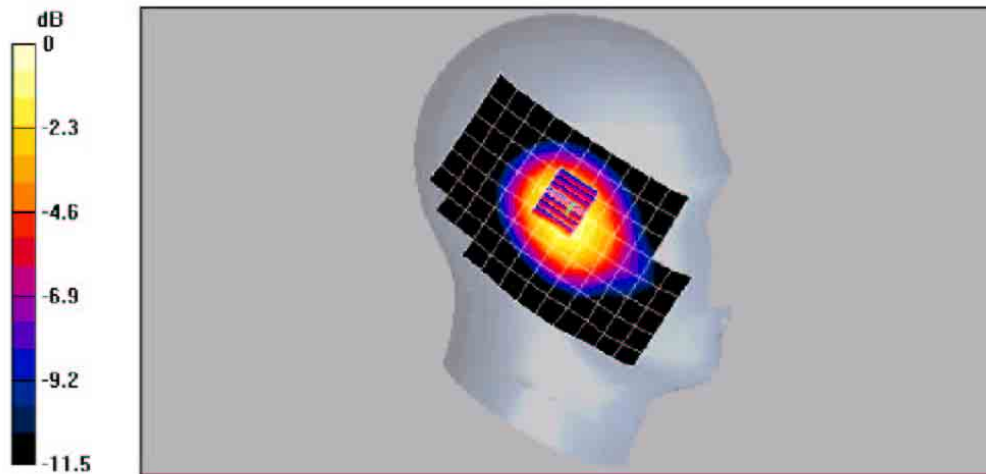
Reference Value = 34 V/m, Power Drift = -0.1 dB

Maximum value of SAR (measured) = 1.2 mW/g

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.778 mW/g

Info: Interpolated medium parameters used for SAR evaluation



## **Section 2**

### **CDMA 1900**



Date/Time: 05/24/04 05:31:44

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch1175 Left Cheek with Backpack Clip**

Communication System: CDMA 1900, Frequency: 1909 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz, Medium parameters used (interpolated):  $f = 1909$  MHz,  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.2$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5.3, 5.3, 5.3), Calibrated: 9/19/2003

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

Electronics: DAE3 Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

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

Reference Value = 27.7 V/m, Power DnB = -0.006 dB

Maximum value of SAR (measured) = 1.16 mW/g

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.624 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!

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

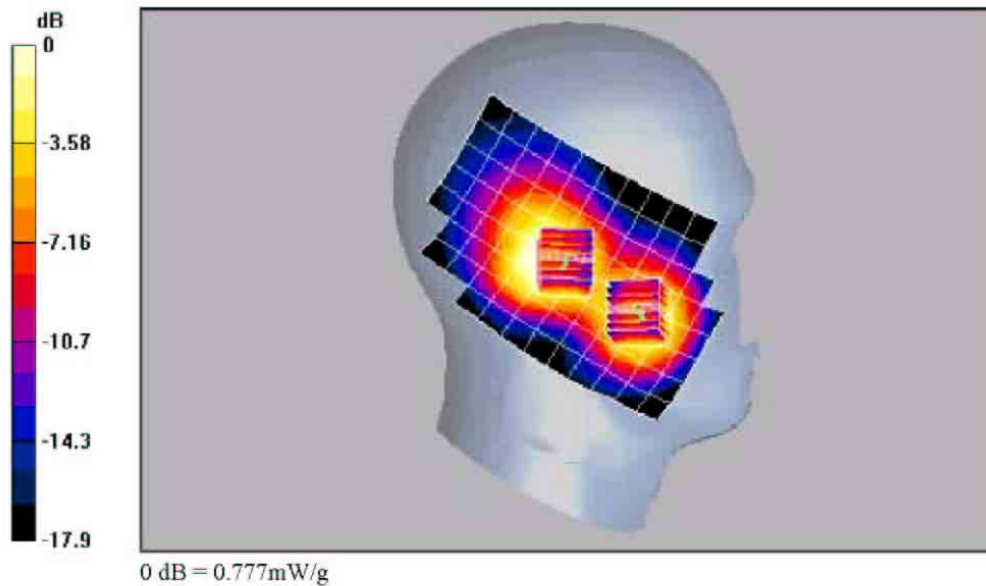
Reference Value = 27.7 V/m, Power DnB = -0.006 dB

Maximum value of SAR (measured) = 0.777 mW/g

Peak SAR (extrapolated) = 0.962 W/kg

**SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.460 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!



file://C:\Dasy4\Reports\K7\K484LC%20#9LTS\PCS Head & Muscle\FCC-K48LC #9... 6/21/2004



Date/Time: 05/24/04 10:30:24

Test Laboratory: Kyocera

**K48LC #9LTS, PCS ch1175 Left Cheek**

Communication System: CDMA 1900, Frequency: 1909 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz, Medium parameters used (interpolated):  $f = 1909$  MHz,  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.8$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5.3, 5.3, 5.3), Calibrated: 9/19/2003

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

Electronics: DAE3 Ss530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

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

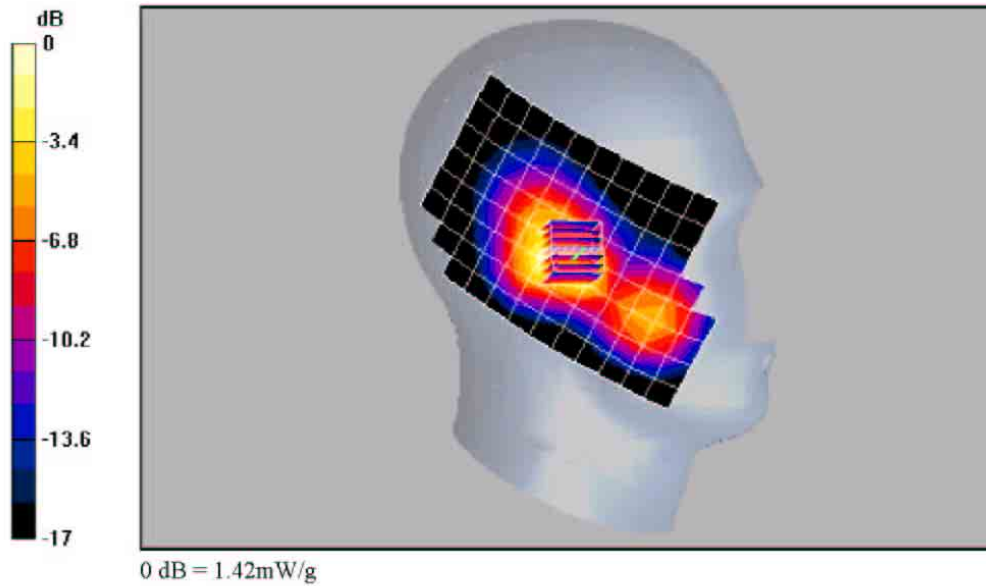
Reference Value = 29.6 V/m, Power Dn B = -0.2 dB

Maximum value of SAR (measured) = 1.42 mW/g

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.729 mW/g

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/24/04 10:30:24

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch1175 Left Tilt**

Communication System: CDMA 1900, Frequency: 1909 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz, Medium parameters used (interpolated):  $f = 1909$  MHz,  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.8$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5.3, 5.3, 5.3), Calibrated: 9/19/2003

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

Electronics: DAE3 Ss530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

**1175 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

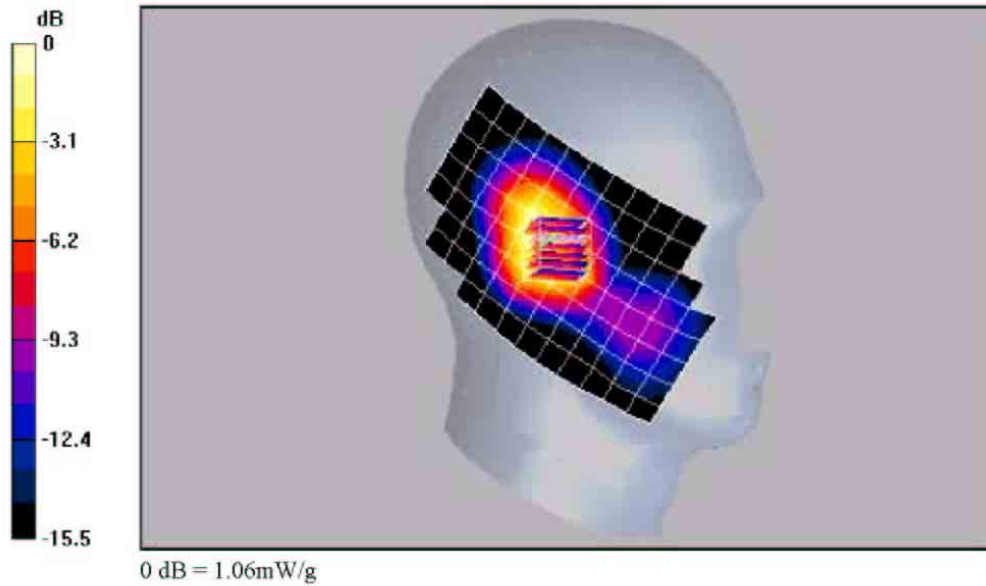
Reference Value = 28.9 V/m, Power Dn B = -0.0 dB

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

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.623 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/25/04 00:53:24

Test Laboratory: Kyocera

**K48LC #9LTS, CDMA ch1175 Right Cheek**

Communication System: CDMA 1900, Frequency: 1909 MHz, Duty Cycle: 1:1  
 Medium: Head 1900 MHz, Medium parameters used (interpolated):  $f = 1909 \text{ MHz}$ ,  $\sigma = 1.43 \text{ mho/m}$ ,  $\epsilon_r = 39.2$ ,  $\rho = 1000 \text{ kg/m}^3$   
 Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1712, ConvF(5.3, 5.3, 5.3), Calibrated: 9/19/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn530, Calibrated: 12/22/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

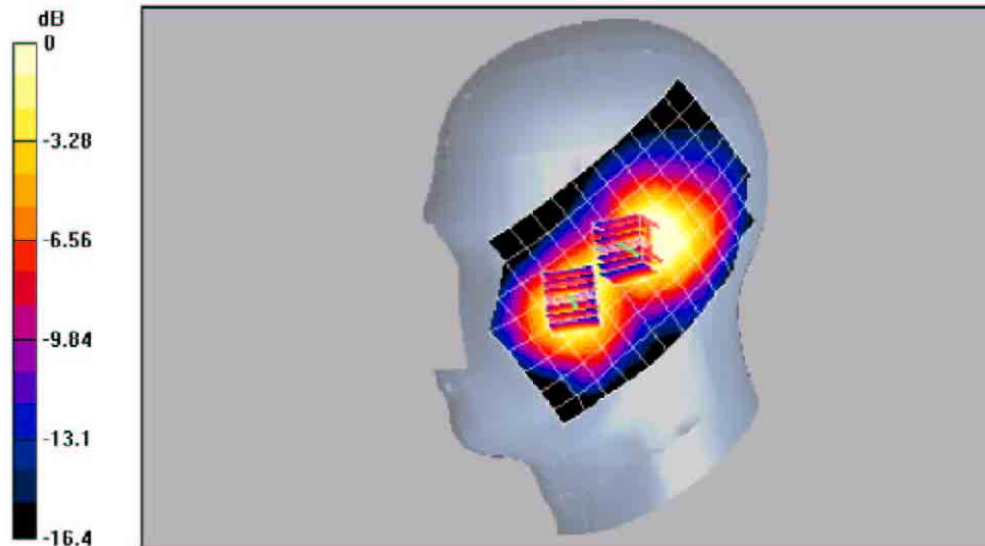
**Temperature**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**1175 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 27 W/m; Power Drift = -0.0 dB  
 Maximum value of SAR (measured) = 0.963 mW/g  
 Peak SAR (extrapolated) = 1.33 W/kg  
**SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.529 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!

**1175 LC/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 27 W/m; Power Drift = -0.0 dB  
 Maximum value of SAR (measured) = 0.670 mW/g  
 Peak SAR (extrapolated) = 0.801 W/kg  
**SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.394 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 0.670mW/g

Date/Time: 05/25/04 00:53:24

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch1175 Right Tilt**

Communication System: CDMA 1900, Frequency: 1909 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz, Medium parameters used (interpolated):  $f = 1909$  MHz,  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.2$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5.3, 5.3, 5.3), Calibrated: 9/19/2003

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

Electronics: DAE3 Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

**1175 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

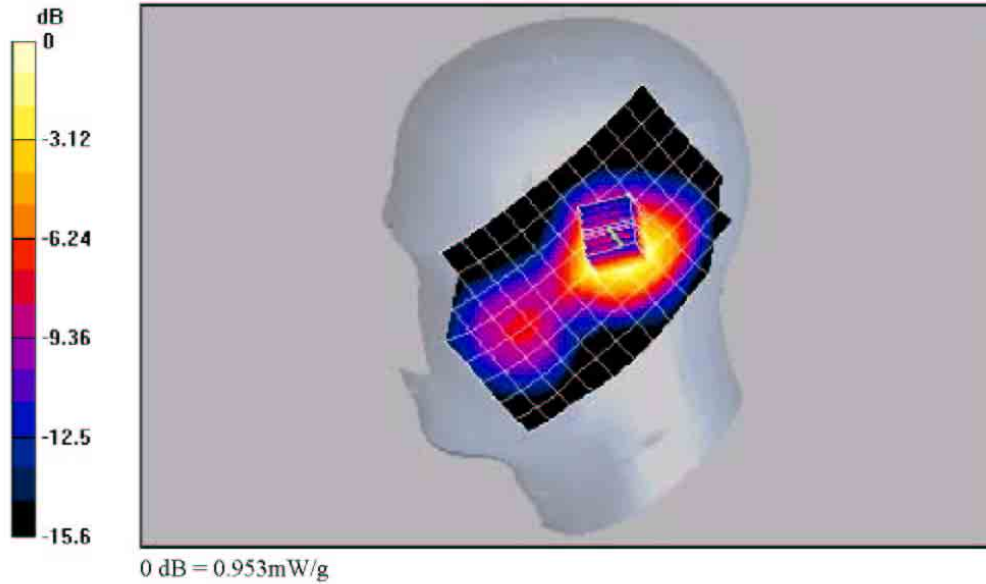
Reference Value = 26.1 V/m, Power Dn B = -0.1 dB

Maximum value of SAR (measured) = 0.953 mW/g

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.553 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 06/09/04 14:38:25

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch600 Flat with 22.5mm Air Space and Backpack Clip**

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5, 5, 5), Calibrated, Probe not calibrated

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

Electronics: DAES Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

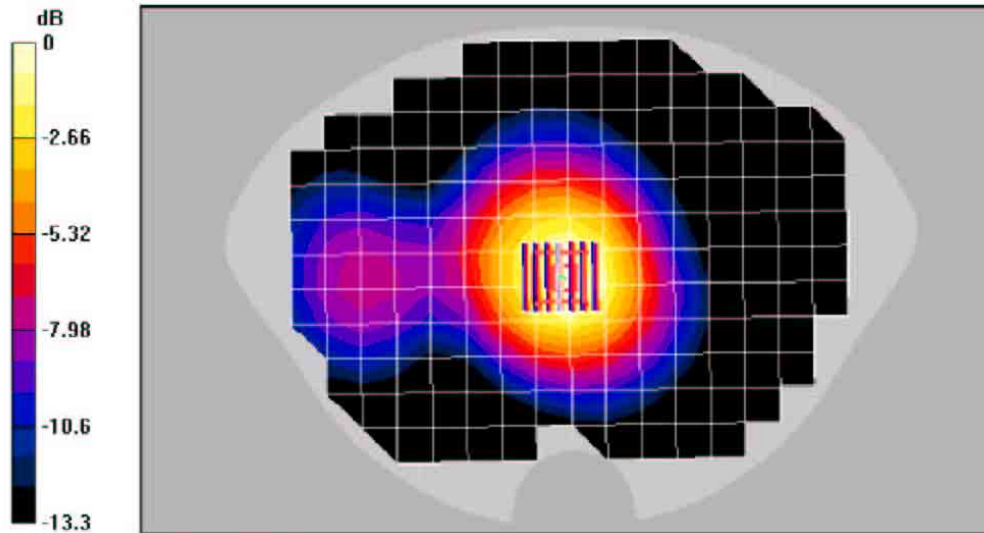
**CDMA-1900 Ch25 600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $\Delta x=5$ mm,  $\Delta y=5$ mm,  $\Delta z=5$ mm

Reference Value = 15.8 V/m, Power Dn fit = -0.1 dB

Maximum value of SAR (measured) = 0.355 mW/g

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.211 mW/g



0 dB = 0.355mW/g

Date/Time: 06/09/04 08:56:23

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch600 Flat with 22.5mm Air Space**

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5, 5), Calibrated: Probe not calibrated

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

Electronics: DAES Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

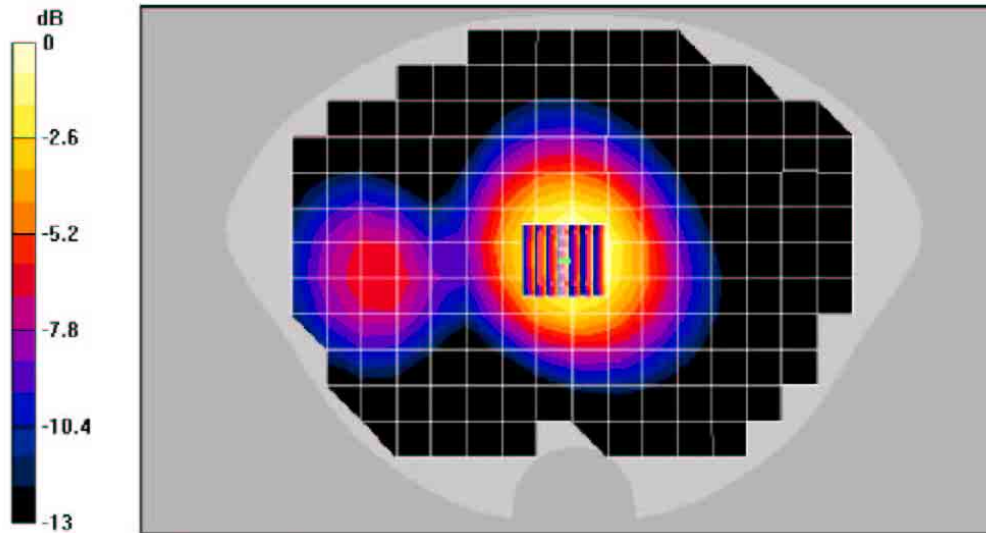
**CDMA-1900 Ch25 600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $\Delta x=5$ mm,  $\Delta y=5$ mm,  $\Delta z=5$ mm

Reference Value = 17 V/m, Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.414 mW/g

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.247 mW/g



0 dB = 0.414mW/g



Date/Time: 06/09/04 13:59:44

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch600 Flat with Belt Clip and Backpack Clip**

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

Medium: M1800, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.6 \text{ mho/m}$ ;  $\epsilon_r = 53.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5, 5), Calibrated, Probe not calibrated

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

Electronics: DAES Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

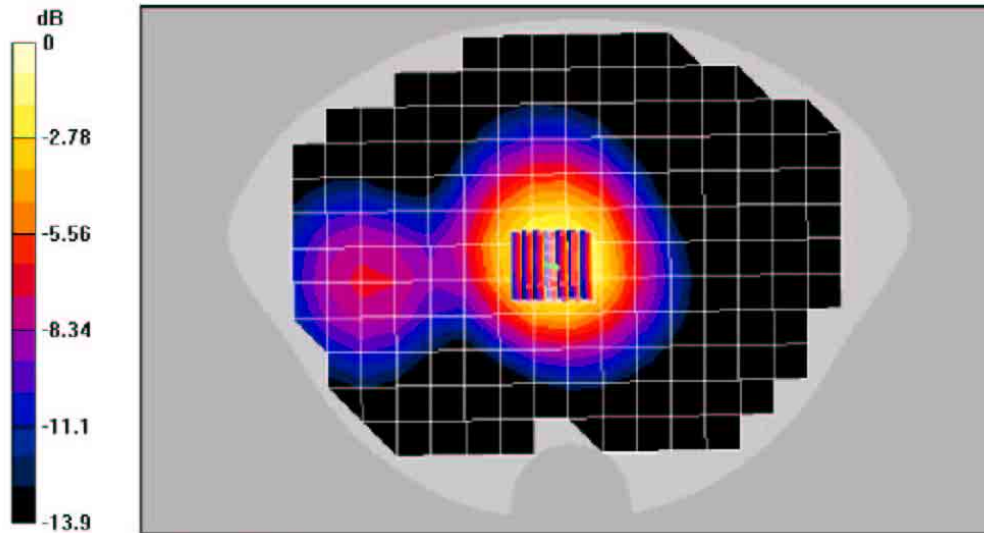
**CDMA-1900 Ch25 600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $\Delta x=5\text{mm}$ ,  $\Delta y=5\text{mm}$ ,  $\Delta z=5\text{mm}$

Reference Value = 18.5 V/m, Power Dn fit = 0.0 dB

Maximum value of SAR (measured) = 0.508 mW/g

Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.290 mW/g



0 dB = 0.508mW/g

Date/Time: 06/09/04 10:00:13

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch600 Flat with Belt Clip**

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5, 5, 5), Calibrated, Probe not calibrated

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

Electronics: DAE3 Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

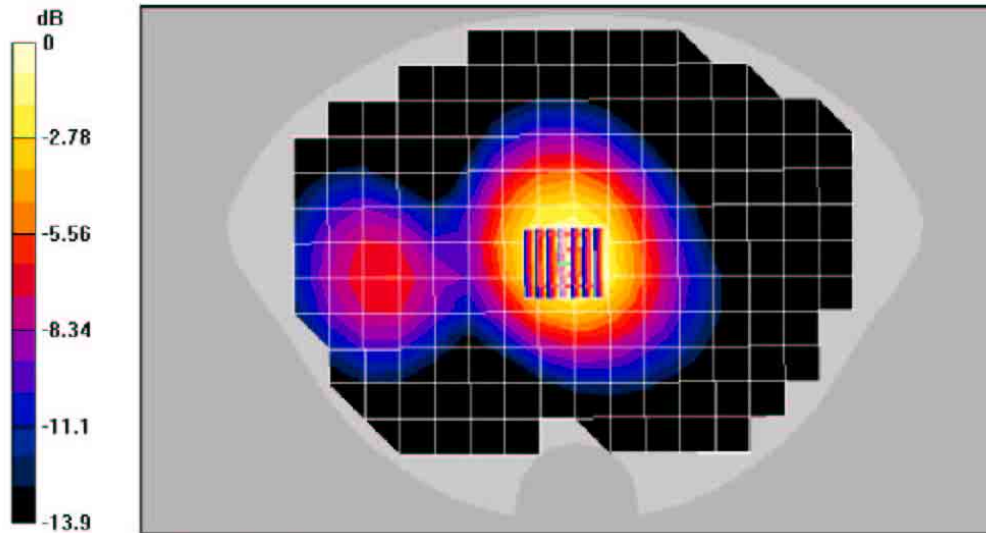
**CDMA-1900 Ch25 600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $\Delta x=5$ mm,  $\Delta y=5$ mm,  $\Delta z=5$ mm

Reference Value = 18.5 V/m, Power Dn fit = -0.0 dB

Maximum value of SAR (measured) = 0.471 mW/g

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.274 mW/g



0 dB = 0.471mW/g



Date/Time: 06/09/04 11:31:38

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch600 Flat with Leather Case and Backpack Clip**

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5, 5), Calibrated, Probe not calibrated

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

Electronics: DAES Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

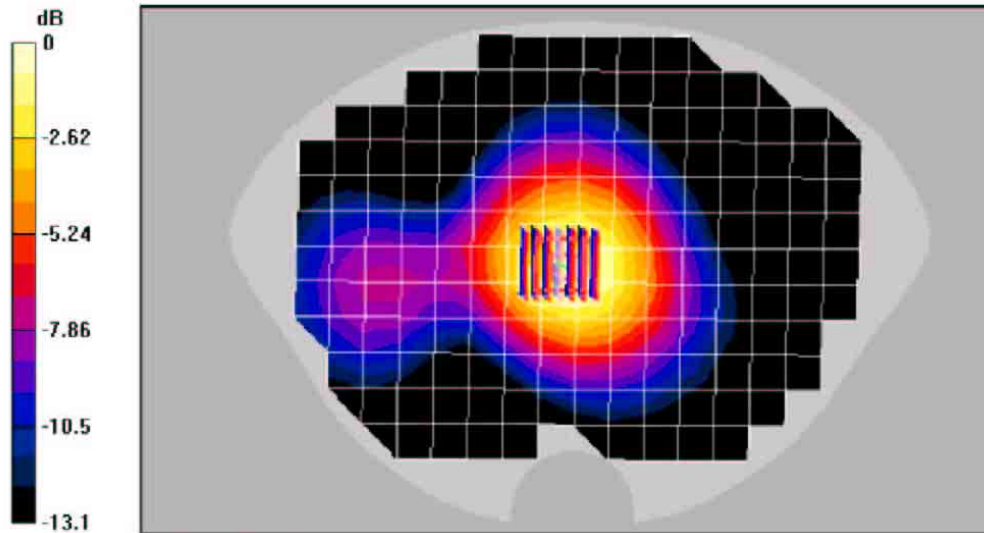
**CDMA-1900 Ch25 600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $\Delta x=5$ mm,  $\Delta y=5$ mm,  $\Delta z=5$ mm

Reference Value = 15.3 V/m, Power Dn fit = -0.0 dB

Maximum value of SAR (measured) = 0.351 mW/g

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.205 mW/g



0 dB = 0.351mW/g

Date/Time: 06/09/04 10:50:03

Test Laboratory: Kyocera

**K484LC #9LTS, PCS ch600 Flat with Leather Case**

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, ConvF(5, 5), Calibrated, Probe not calibrated

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

Electronics: DAES Sn530, Calibrated: 12/22/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

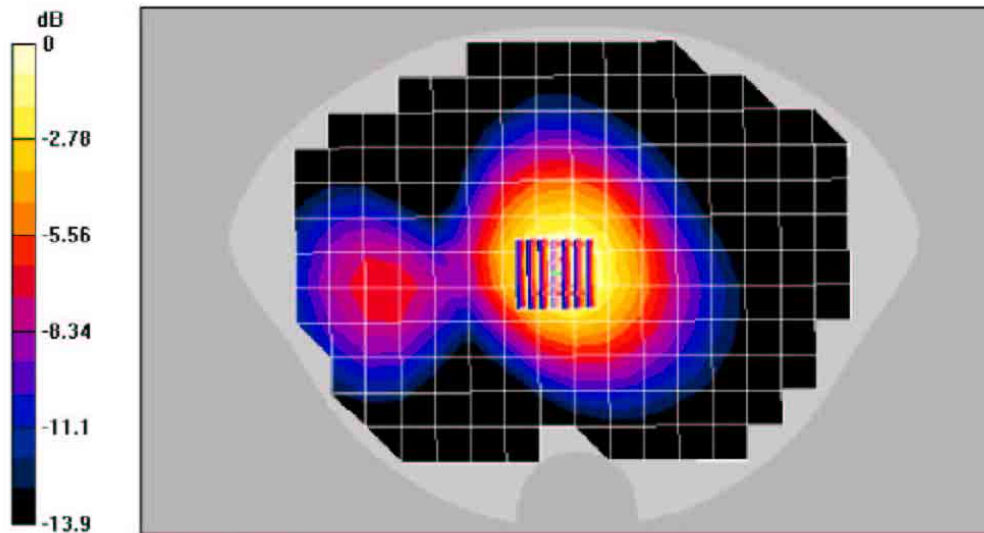
**CDMA-1900 Ch25 600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

Reference Value = 16 V/m, Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.386 mW/g

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.223 mW/g



0 dB = 0.386mW/g

## **Section 3 CDMA 800**

Date/Time: 06/16/04 12:05:25

Test Laboratory: Kyocera

**K484LC #9LTS CDMA-800 ch383 Flat with 22.5mm Air Space and Backpack Clip**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.981$  mho/m,  $\epsilon_r = 55.4$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

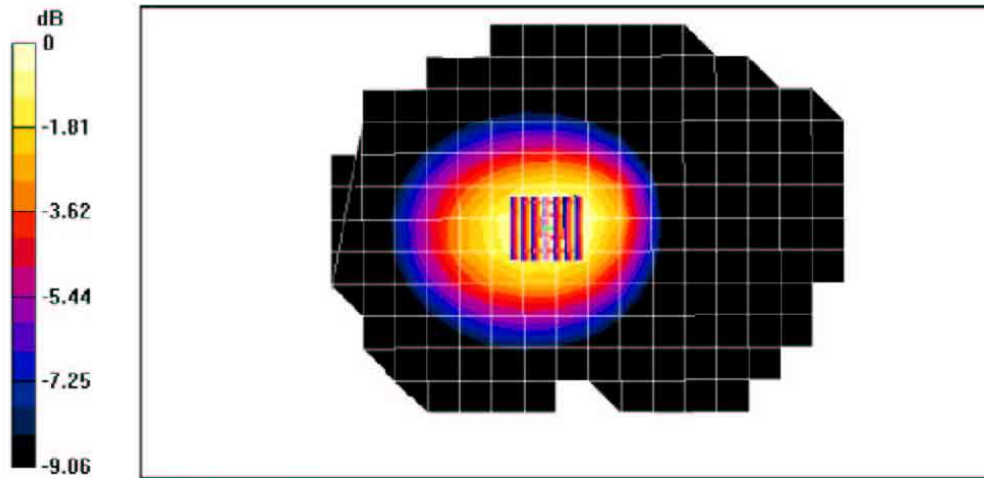
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

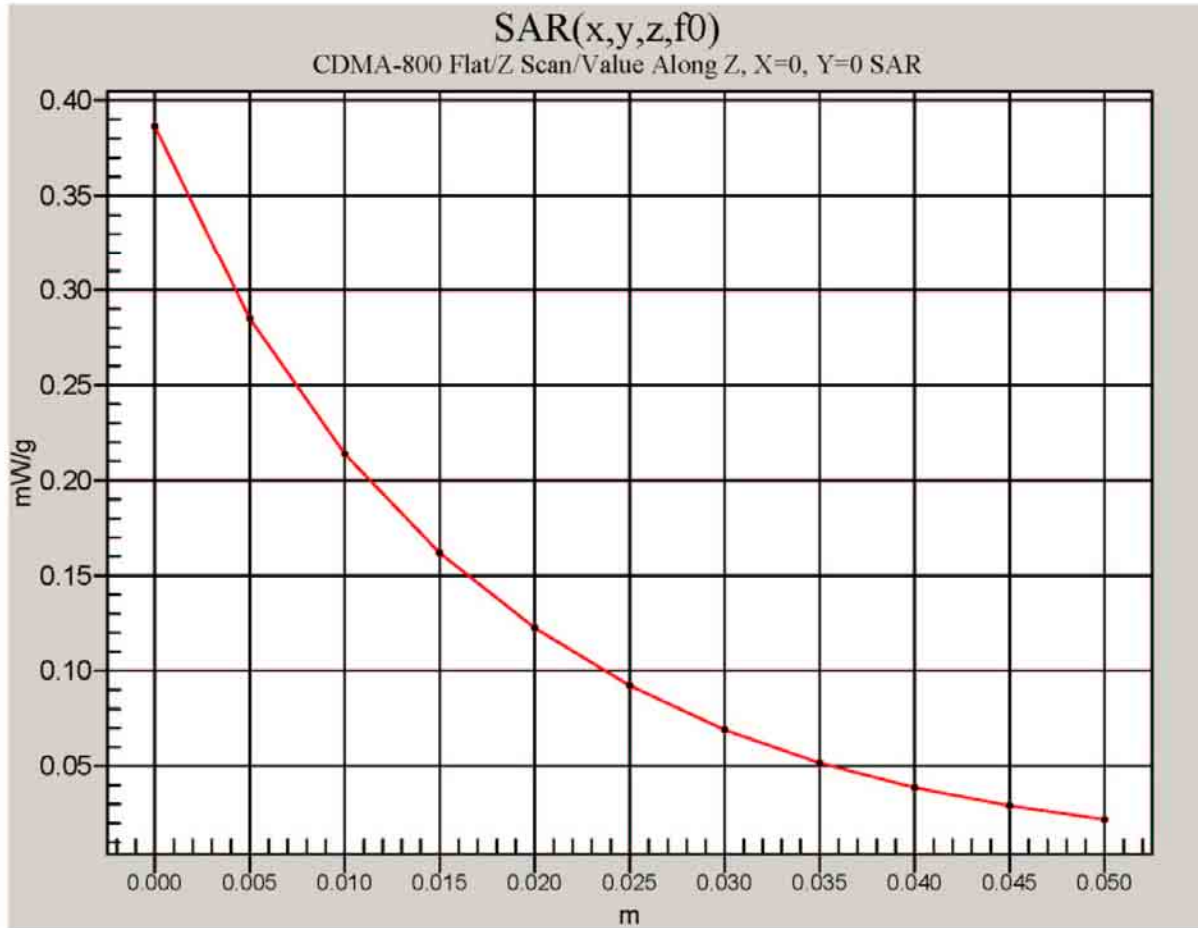
**CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.9 V/m; Power DnB = -0.1 dB  
 Maximum value of SAR (measured) = 0.460 mW/g  
 Peak SAR (extrapolated) = 0.572 W/kg  
**SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.315 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.460mW/g



Date/Time: 06/16/04 11:25:38

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Flat with 22.5mm Air Space,**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 56.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature**

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

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

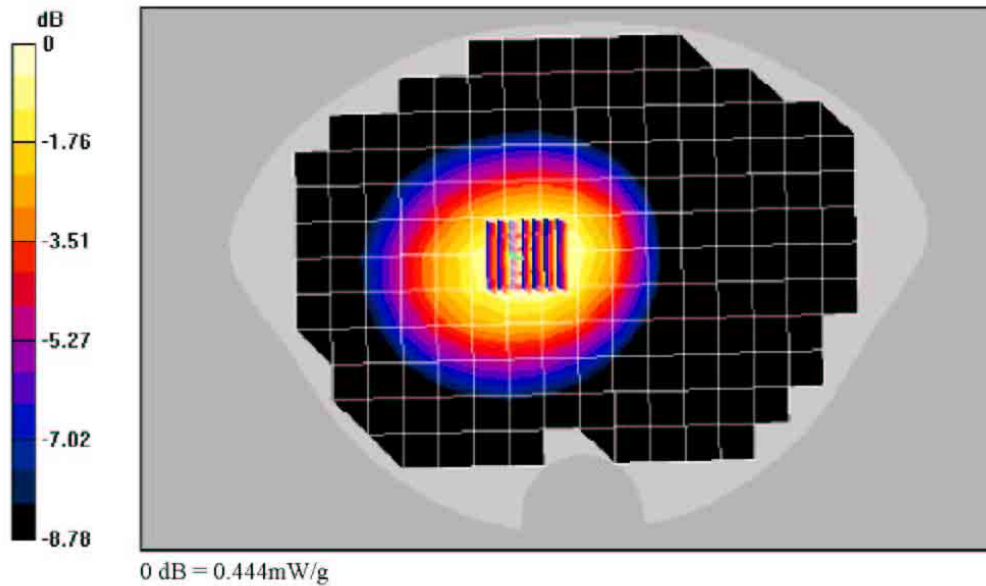
Reference Value = 20.3 V/m, Power Dn fit = -0.1 dB

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

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.308 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Date/Time: 06/16/04 12:05:40

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Flat with Belt Clip and Backpack Clip**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

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

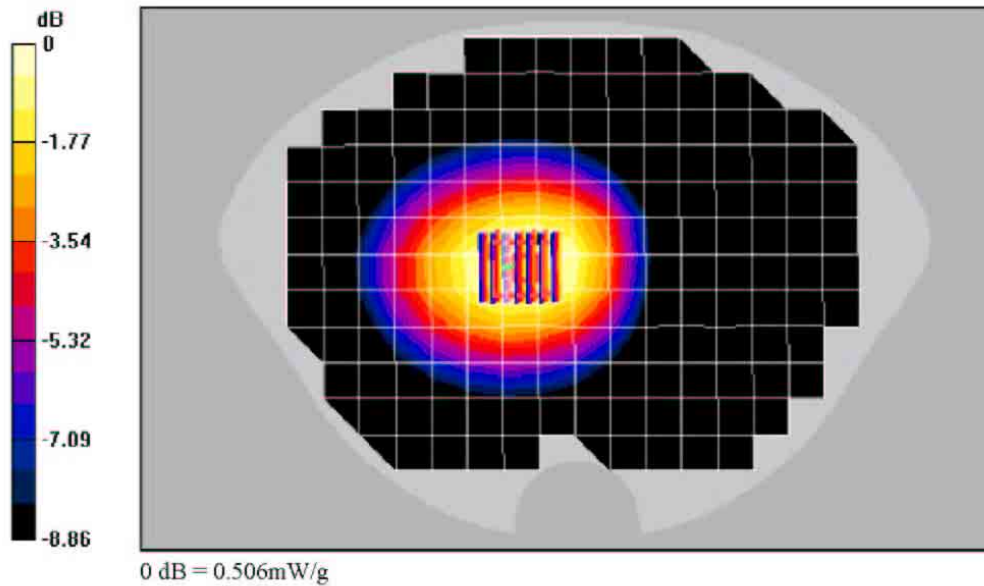
Reference Value = 21.6 V/m, Power Dn fit = -0.008 dB

Maximum value of SAR (measured) = 0.506 mW/g

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.349 mW/g

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 06/16/04 12:04:45

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Flat with Belt Clip**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 56.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

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

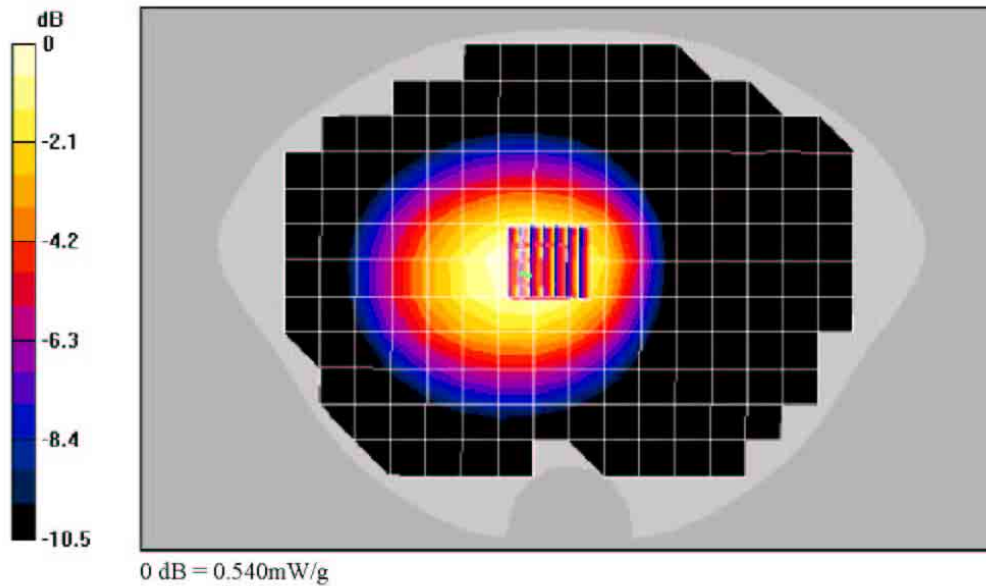
Reference Value = 23 V/m, Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.540 mW/g

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.361 mW/g

Info: Interpolated medium parameters used for SAR evaluation!





Date/Time: 06/16/04 12:06:00

Test Laboratory: Kyocera

**K484LC #9LTS CDMA-800 ch383 Flat with Leather Case and Backpack Clip**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.982$  mho/m,  $\epsilon_r = 56.2$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

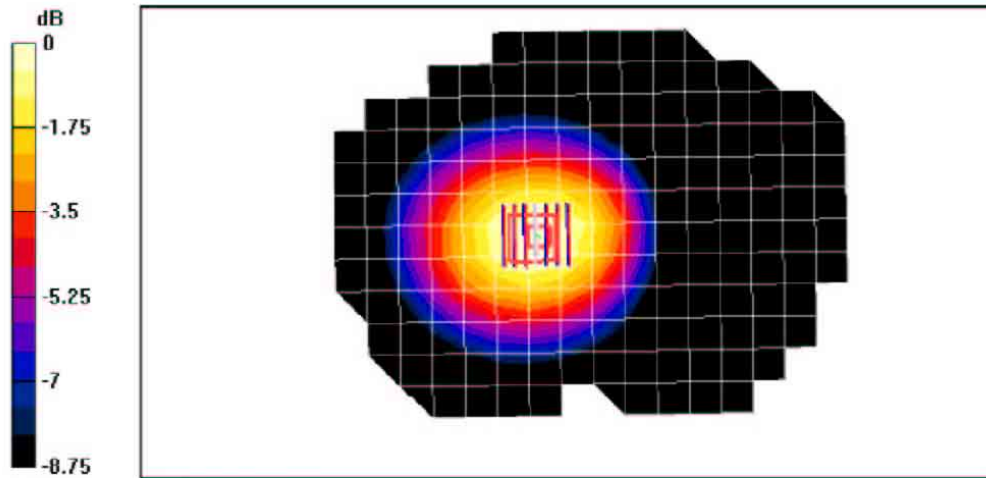
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

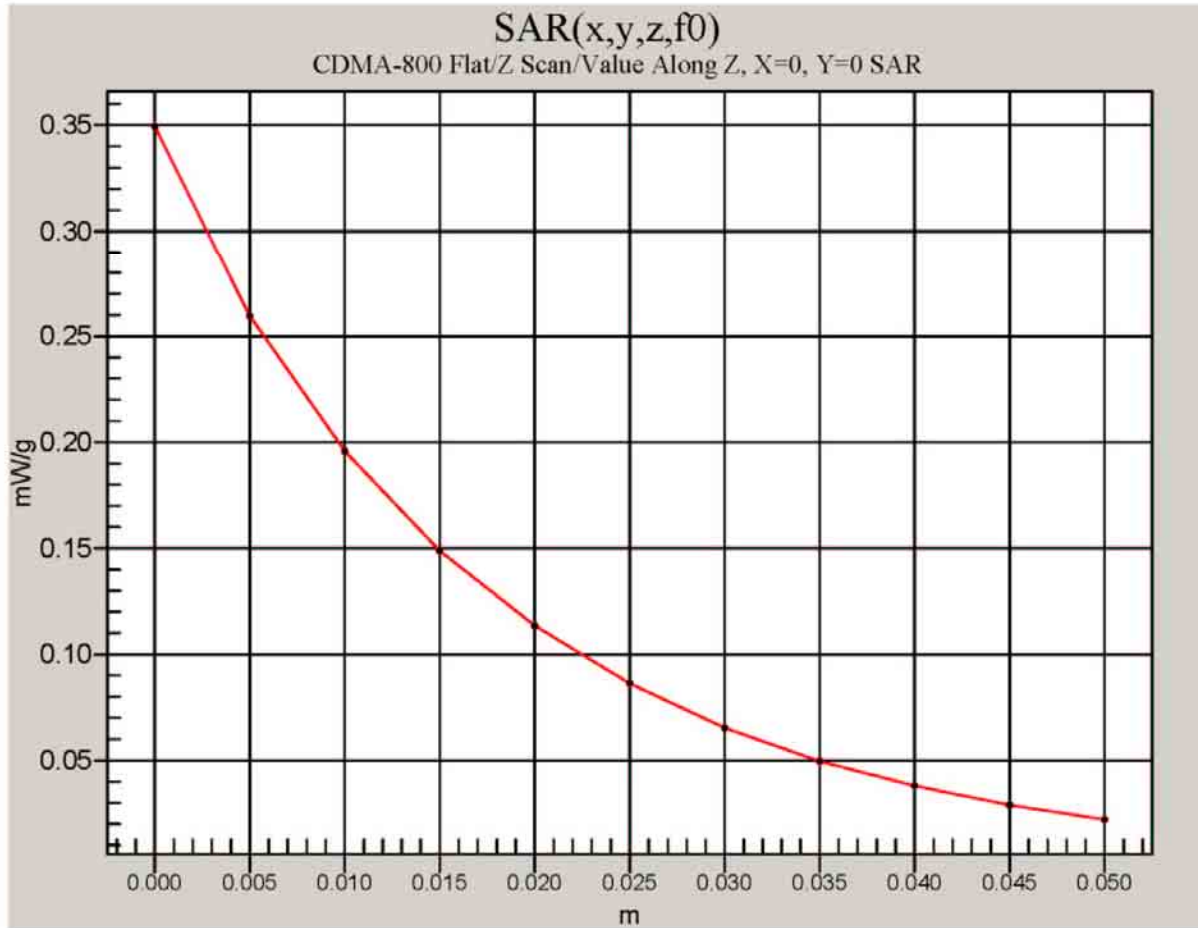
**CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power DnB = -0.1 dB  
 Maximum value of SAR (measured) = 0.419 mW/g  
 Peak SAR (extrapolated) = 0.523 W/kg  
**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.291 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.419mW/g



Date/Time: 06/16/04 12:05:00

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Flat with Leather Case**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 56.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

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

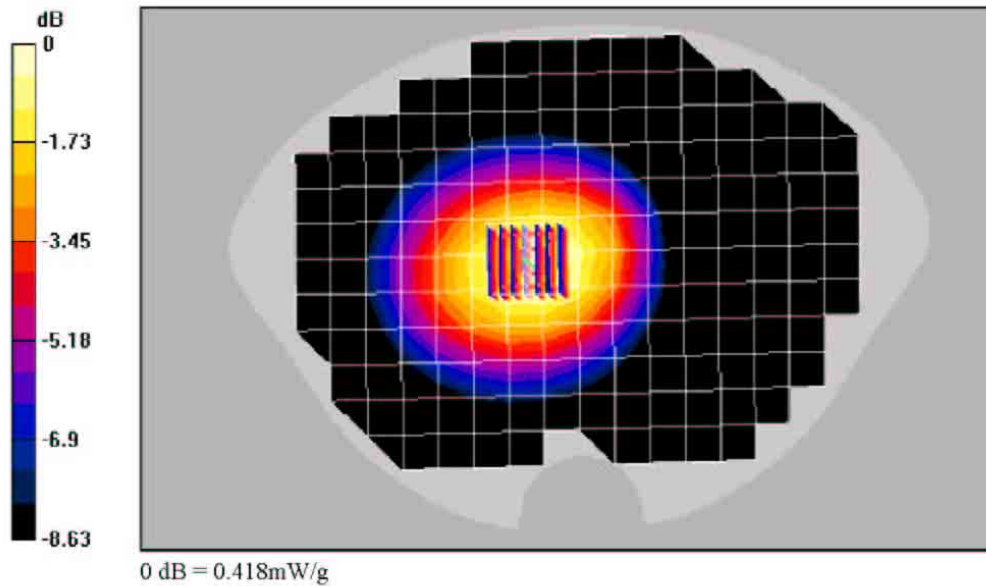
Reference Value = 19.5 V/m, Power Dn fit = 0.0 dB

Maximum value of SAR (measured) = 0.418 mW/g

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.287 mW/g

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/25/04 09:29:53

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA Ch383 only, Left Cheek with BackPackClip**

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**Temperature**

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

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

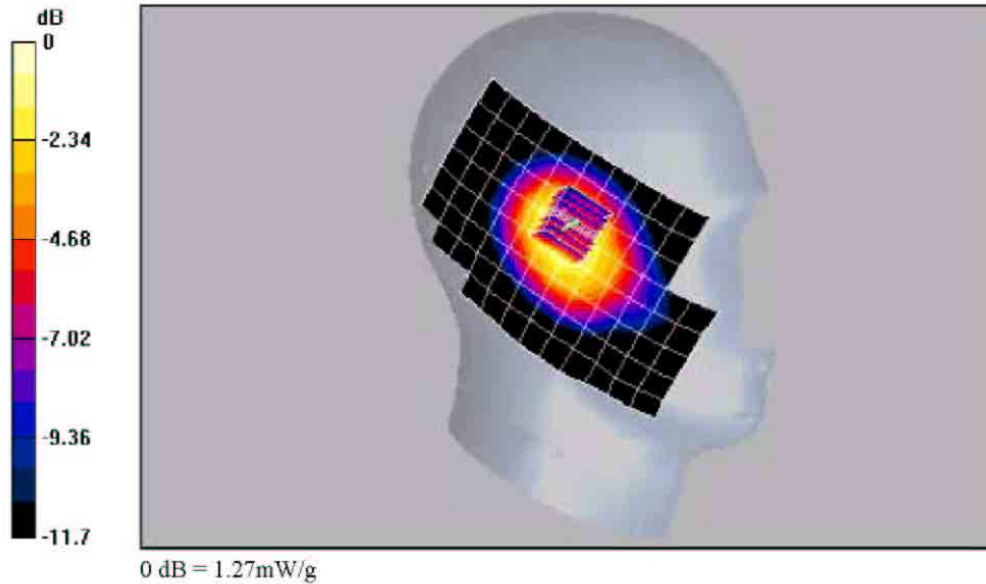
Reference Value = 34.8 V/m, Power Dn fit = -0.1 dB

Maximum value of SAR (measured) = 1.27 mW/g

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.811 mW/g

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/25/04 08:13:57

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Left Cheek**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.925$  mho/m,  $\epsilon_r = 41.8$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

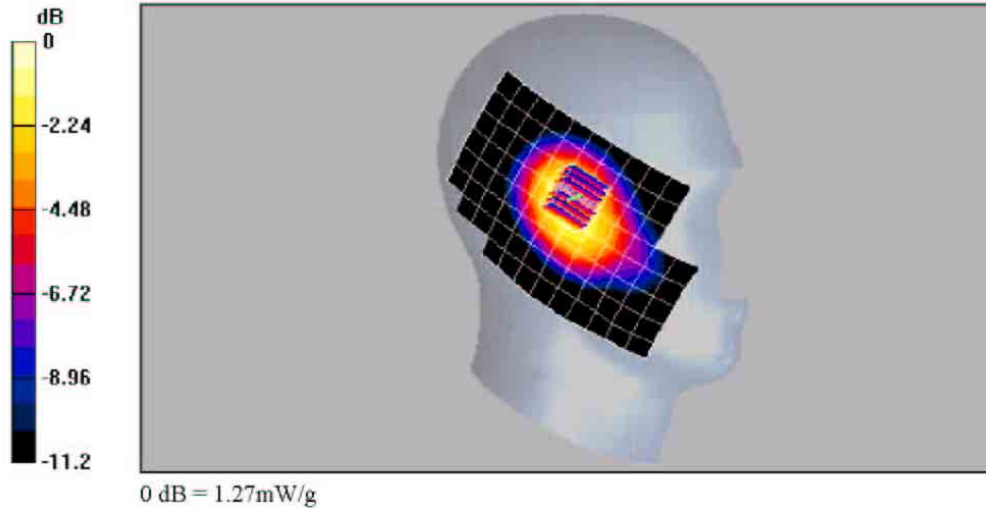
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

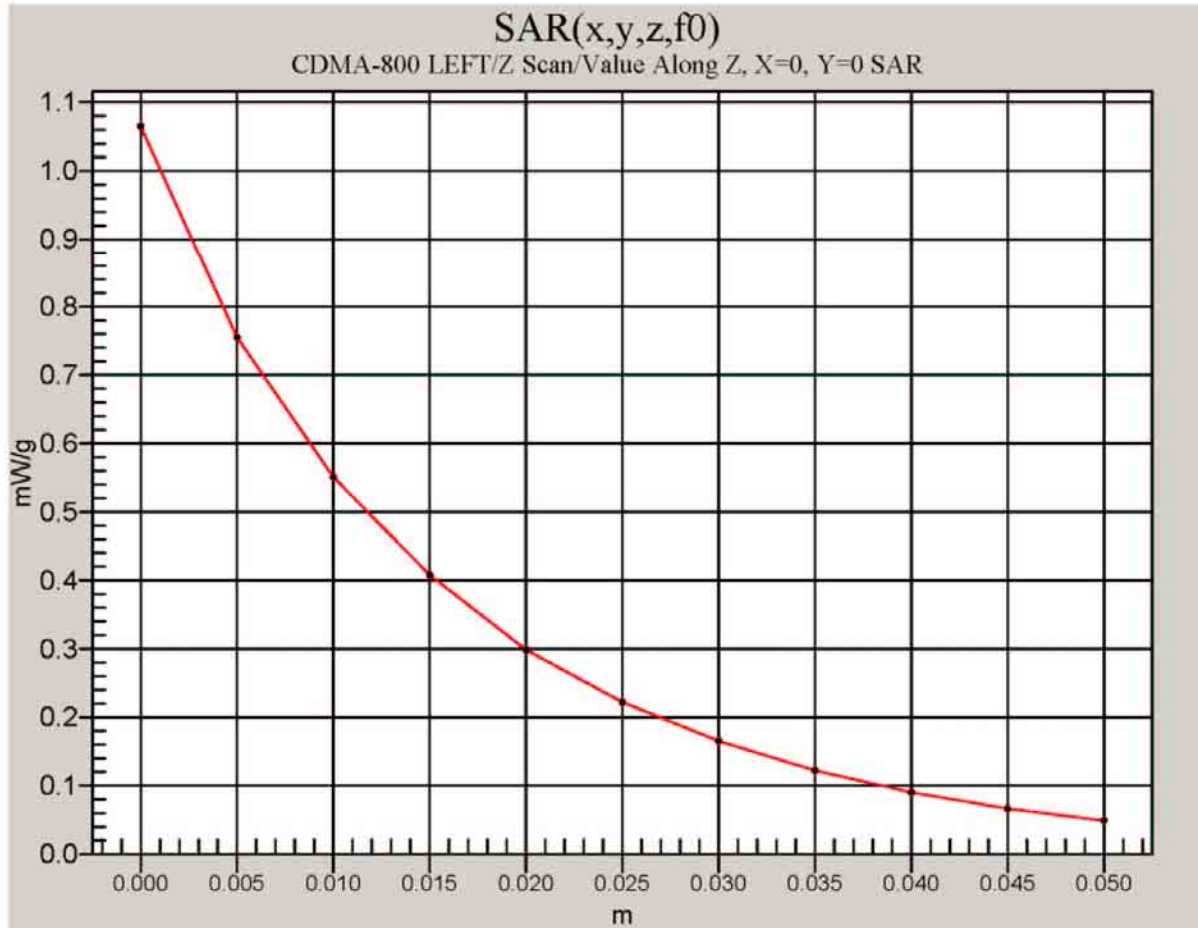
**Temperature**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 34.7 V/m, Power DnB = -0.1 dB  
 Maximum value of SAR (measured) = 1.27 mW/g  
 Peak SAR (extrapolated) = 1.6 W/kg  
**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.815 mW/g**

Info: Interpolated medium parameters used for SAR evaluation





Date/Time: 05/21/04 18:30:10

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Left Tilt**

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

Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn493, Calibrated: 11/25/2003

Measurement SW: DASY4, V4.2 Build 44

Postprocessing SW: SEMCAD, V1.3 Build 112

**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

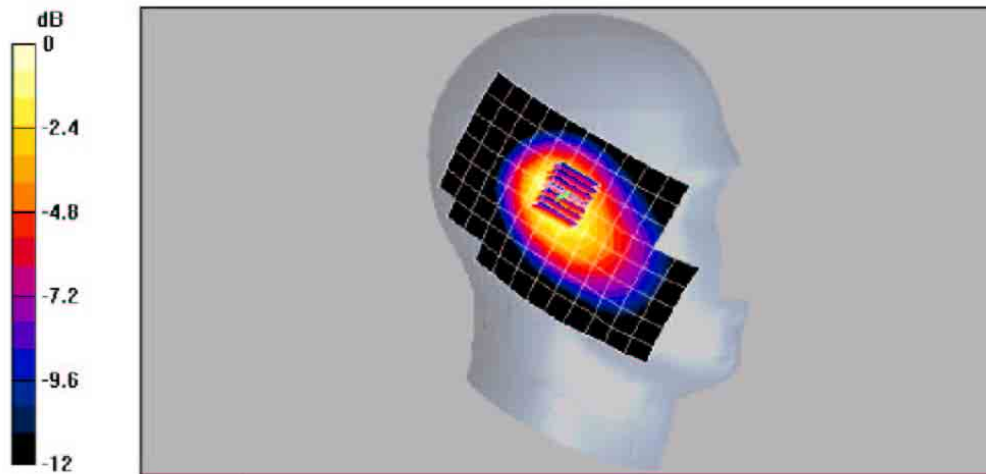
Reference Value = 33.8 V/m, Power Dn fit = -0.1 dB

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

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.719 mW/g

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/24/04 10:32:47

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Right Cheek**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.915$  mho/m,  $\epsilon_r = 42.1$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Right Section

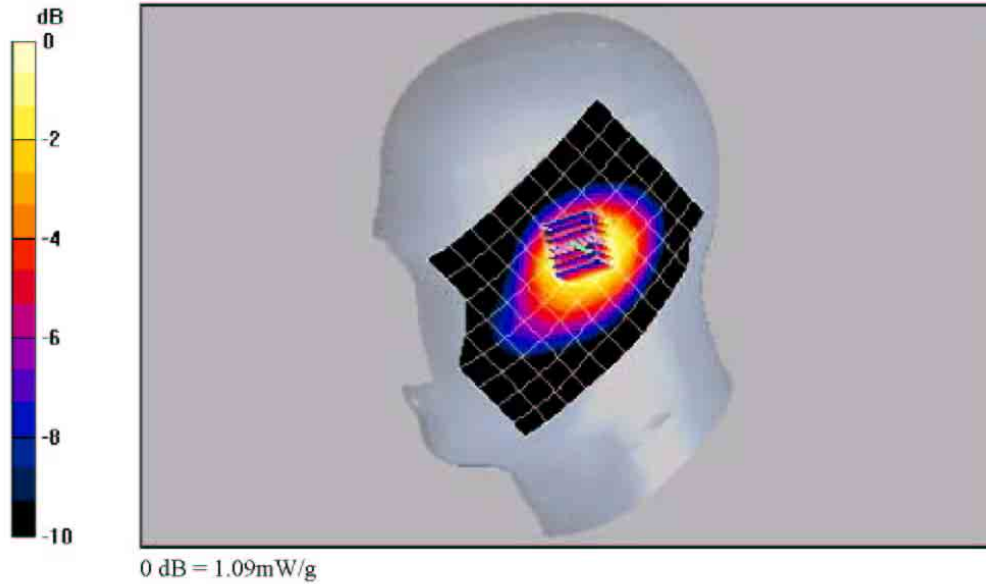
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 34.5 V/m, Power Dn ft = -0.1 dB  
 Maximum value of SAR (measured) = 1.09 mW/g  
 Peak SAR (extrapolated) = 1.23 W/kg  
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.727 mW/g**

Info: Interpolated medium parameters used for SAR evaluation





Date/Time: 06/22/04 19:41:12

Test Laboratory: Kyocera

**K484LC #9LTS, CDMA ch383 Right Tilt**

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

Medium: HSL900, Medium parameters used (Interpolated):  $f = 836.49$  MHz;  $\sigma = 0.924$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ETDV6 - SN1663, ConfF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

**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

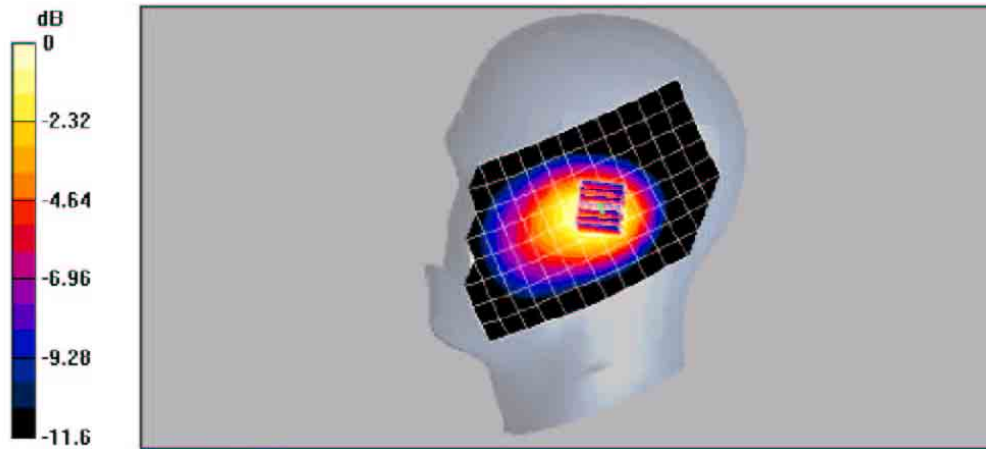
Reference Value = 33.9 V/m, Power Drift = -0.0 dB

Maximum value of SAR (measured) = 1.03 mW/g

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.674 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.03mW/g