

**Appendix B-1  
K404A and K430 Family - Tri-mode Color Rave**

**For**

**FCC ID: OVFKWC-K4X4**

# Section 1

## AMPS

Date/Time: 06/10/04 14:11:50

Test Laboratory: Kyocera

**K434LC #9LWQ, 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):  $f = 836.49$  MHz,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  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

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

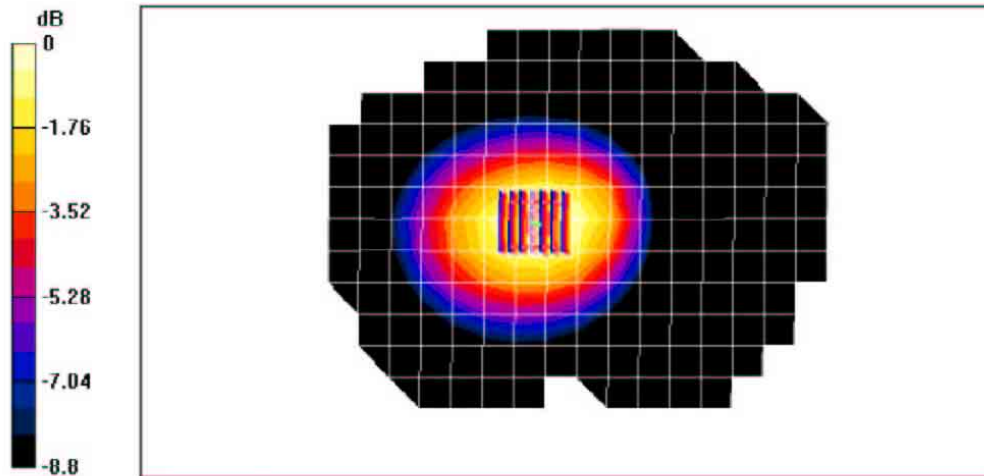
Reference Value = 22.7 V/m, Power DnB = 0.1 dB

Maximum value of SAR (measured) = 0.569 mW/g

Peak SAR (extrapolated) = 0.636 W/kg

**SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.387 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.569mW/g

Date/Time: 06/10/04 08:34:15

Test Laboratory: Kyocera

**K434LC #9LWQ 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,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  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

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

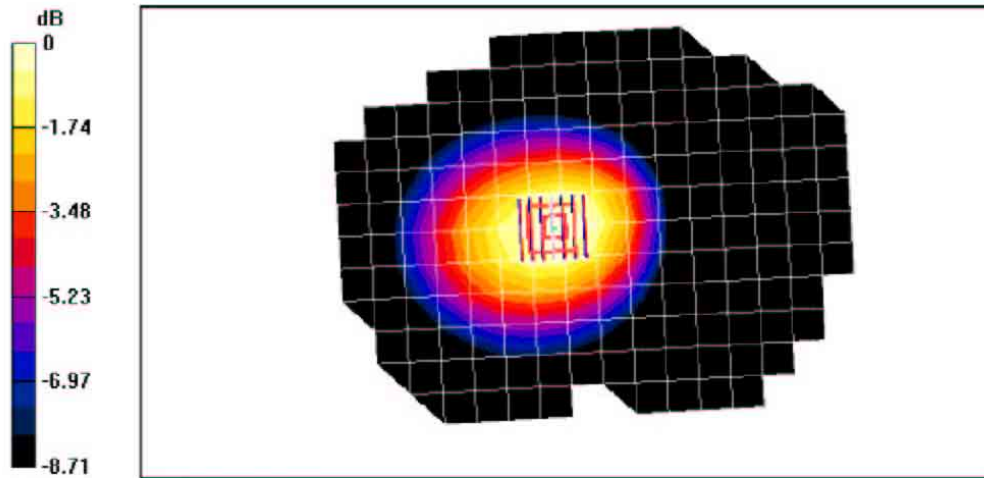
Reference Value = 21.3 V/m; Power DnB = 0.0 dB

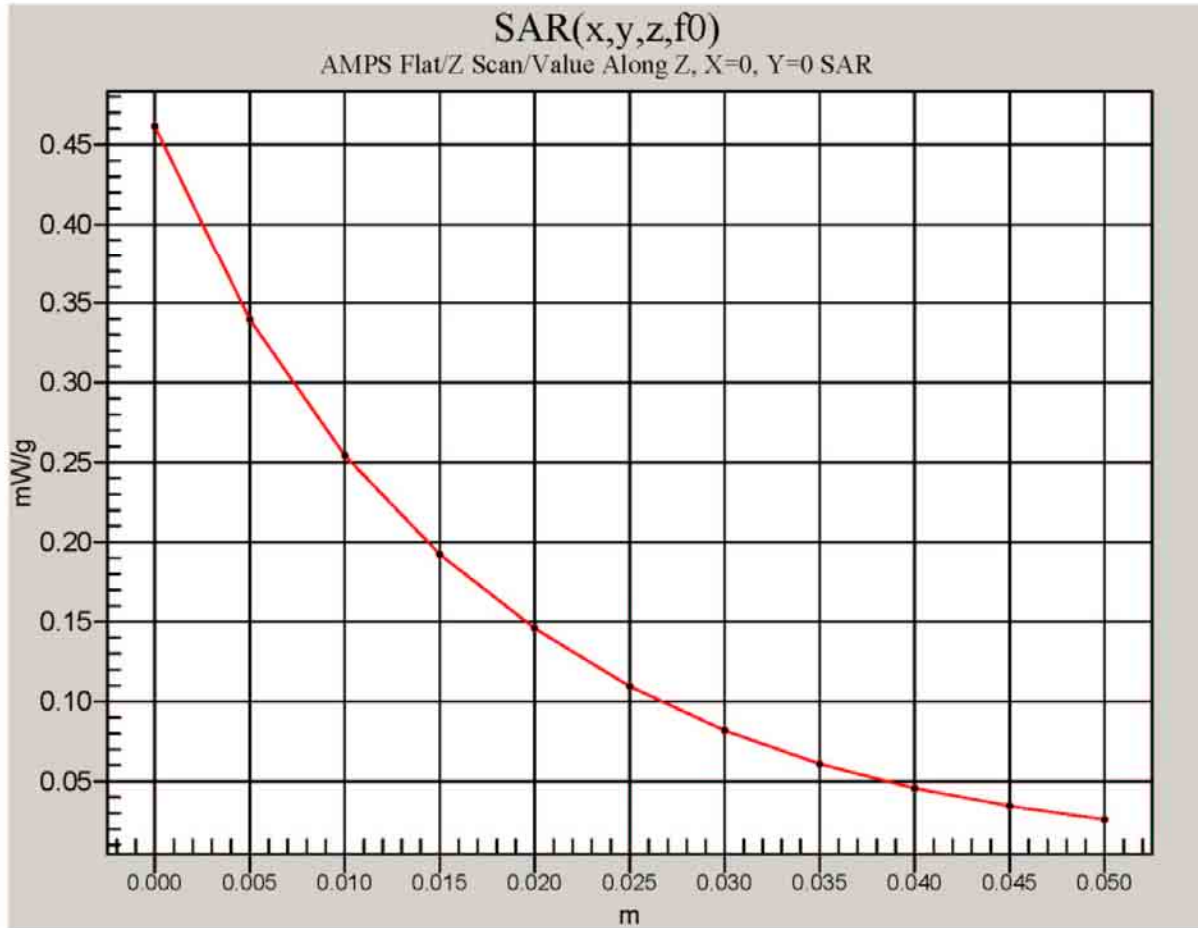
Maximum value of SAR (measured) = 0.481 mW/g

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.337 mW/g

Info: Interpolated medium parameters used for SAR evaluation





Date/Time: 06/10/04 15:04:03

Test Laboratory: Kyocera

**K434LC #9LWQ, 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;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  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: 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/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

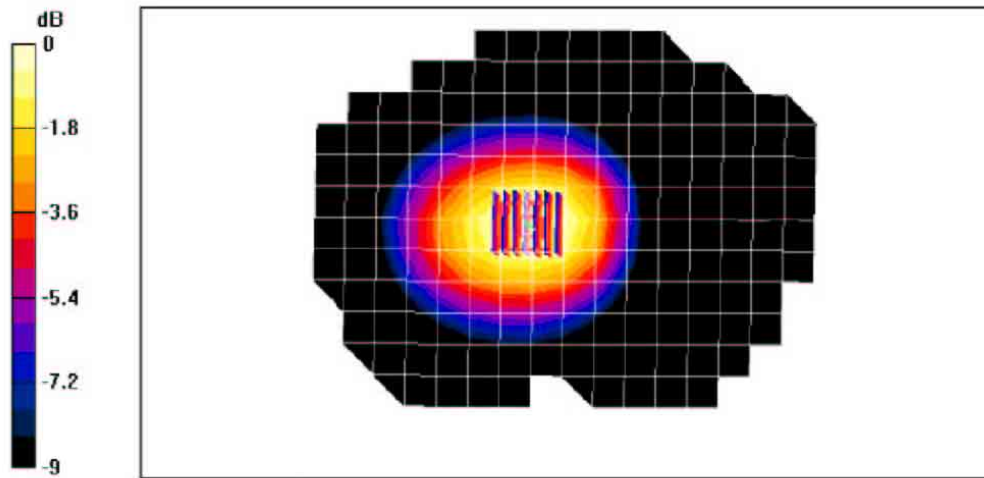
Reference Value = 23.7 V/m, Power Dn fit = -0.0 dB

Maximum value of SAR (measured) = 0.564 mW/g

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.387 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 0.564mW/g

Date/Time: 06/10/04 09:25:52

Test Laboratory: Kyocera

**K434LC #9LWQ AMPS ch383 FLAT with Belt Clip**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49 \text{ MHz}$ ,  $\sigma = 0.977 \text{ mho/m}$ ,  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

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=5mm, dy=5mm, dz=5mm

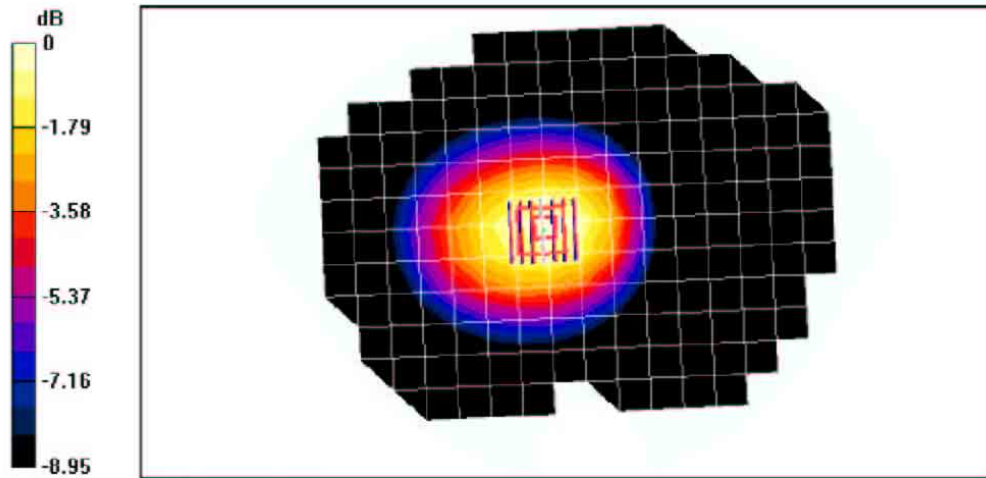
Reference Value = 23.7 V/m; Power Dn B = 0.1 dB

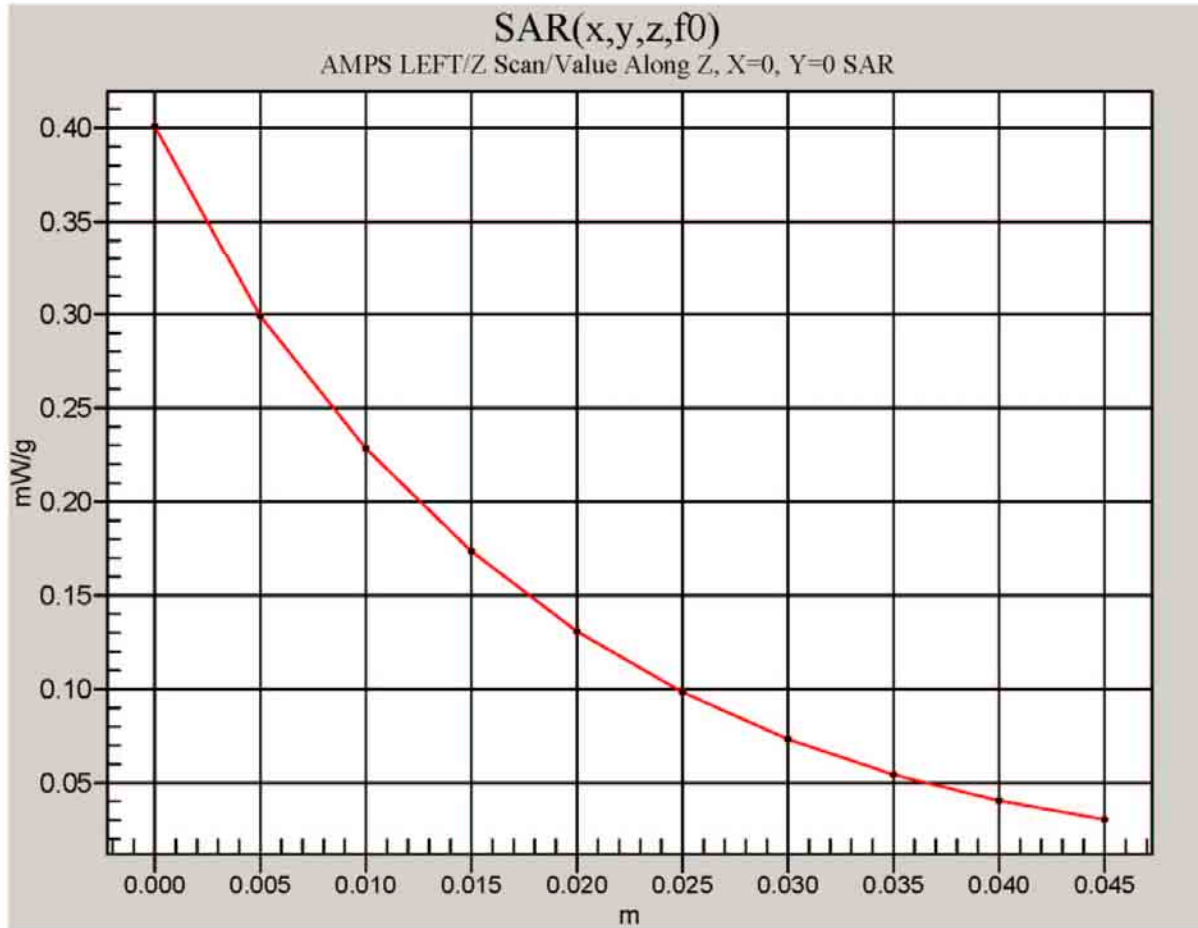
Maximum value of SAR (measured) = 0.591 mW/g

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.402 mW/g

Info: Interpolated medium parameters used for SAR evaluation







Date/Time: 06/10/04 17:59:25

Test Laboratory: Kyocera

**K434LC #9LWQ, 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):  $f = 836.49$  MHz,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  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

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

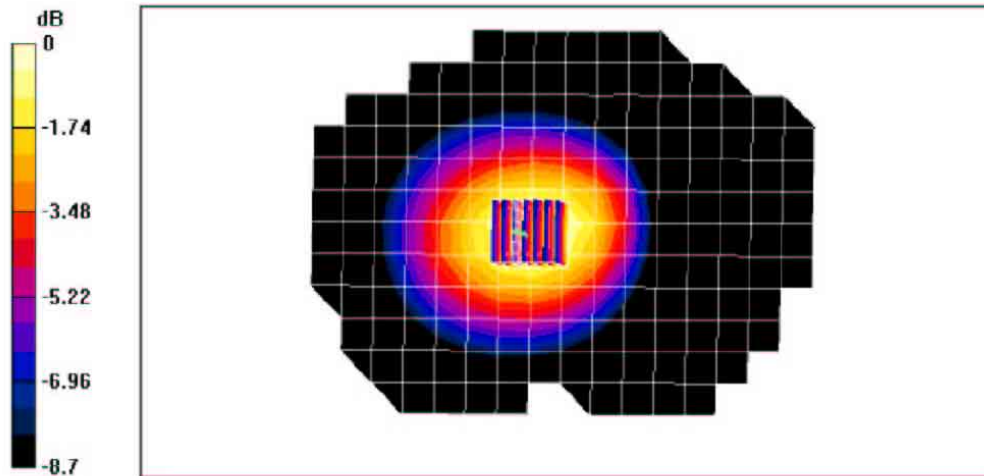
Reference Value = 21.3 V/m, Power Dn B = -0.1 dB

Maximum value of SAR (measured) = 0.450 mW/g

Peak SAR (extrapolated) = 0.555 W/kg

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

Info: Interpolated medium parameters used for SAR evaluation



file://\Kwc045925-v111\Dasy4%20Reports\K7\K434LC%20#9LWQ\AMPS Head & Mus... 6/24/2004

Date/Time: 06/10/04 11:41:57

Test Laboratory: Kyocera

**K434LC #9LWQ AMPS ch383 Flat with Leather Case**

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

Medium: M900, Medium parameters used (interpolated):  $f = 836.49 \text{ MHz}$ ,  $\sigma = 0.977 \text{ mho/m}$ ,  $\epsilon_r = 54$ ,  $\rho = 1000 \text{ kg/m}^3$

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=5mm, dy=5mm, dz=5mm

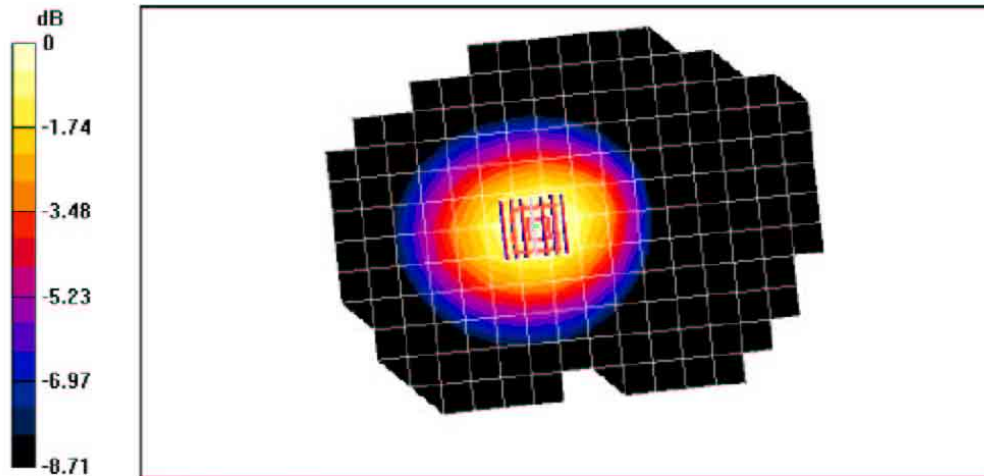
Reference Value = 20 V/m, Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.448 mW/g

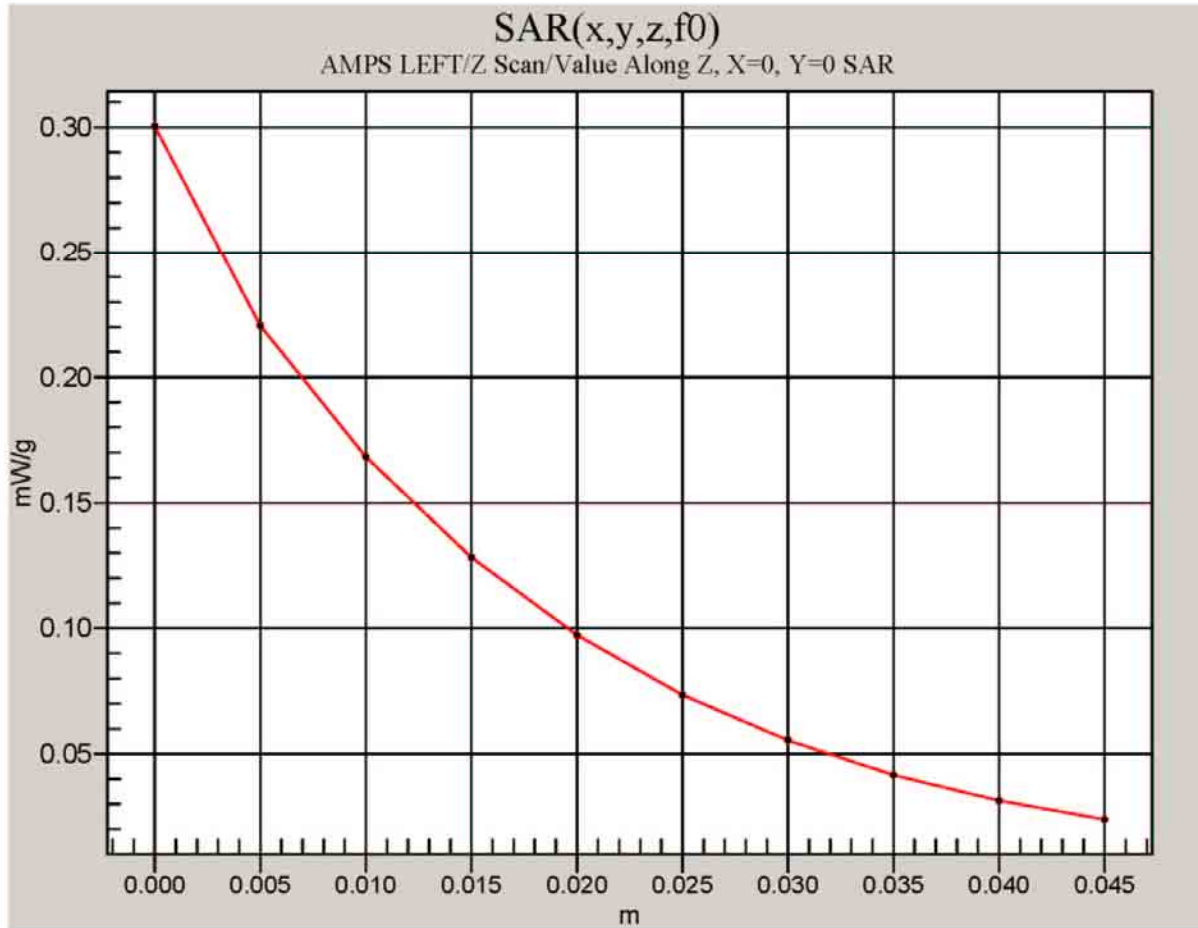
Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.309 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.448mW/g



Date/Time: 05/21/04 10:57:25

Test Laboratory: Kyocera

**K434LC #9LWQ 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,  $\sigma = 0.922$  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 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid dx=5mm, dy=5mm, dz=5mm**

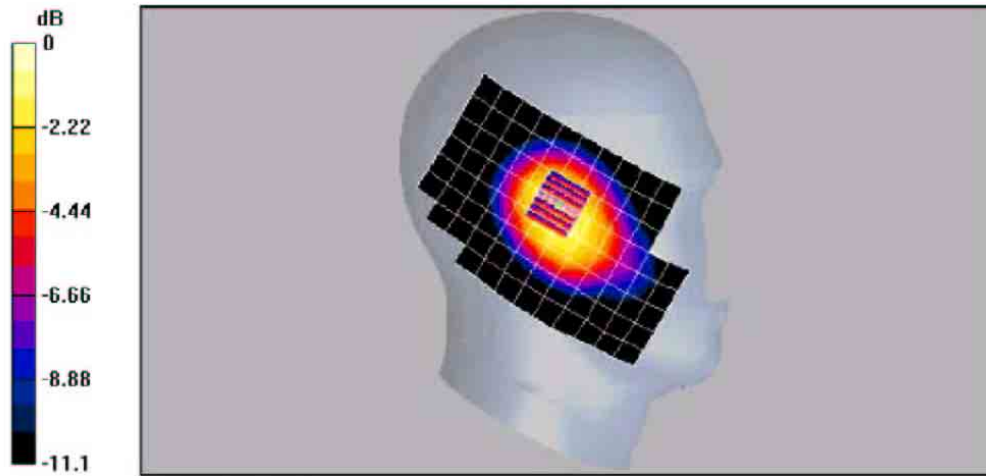
Reference Value = 36 V/m, Power Drift = -0.1 dB

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

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.876 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 1.36mW/g

Date/Time: 05/21/04 10:57:25

Test Laboratory: Kyocera

**K434LC #9LWQ 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**

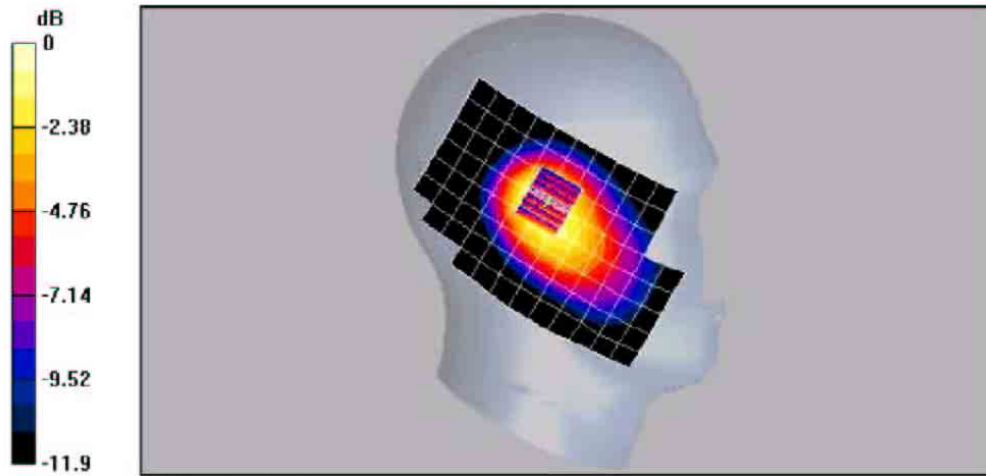
Reference Value = 34.9 V/m; Power DnB = 0.0 dB

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

Peak SAR (extrapolated) = 1.52 W/kg

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

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/25/04 11:22:55

Test Laboratory: Kyocera

**K434LC #9LWQ AMPS ch383 Right Cheek with Backpack Clip**

Communication System: AMPS, 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: Right Section

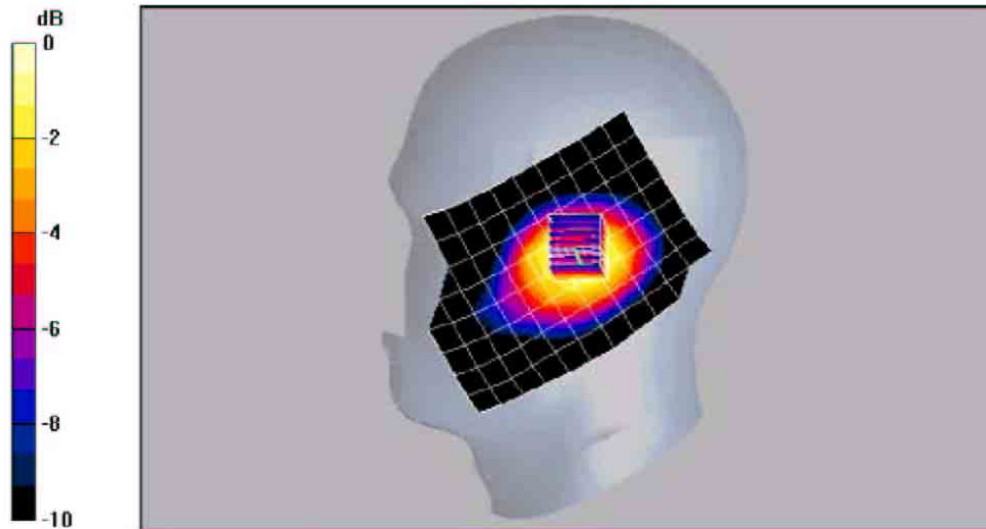
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

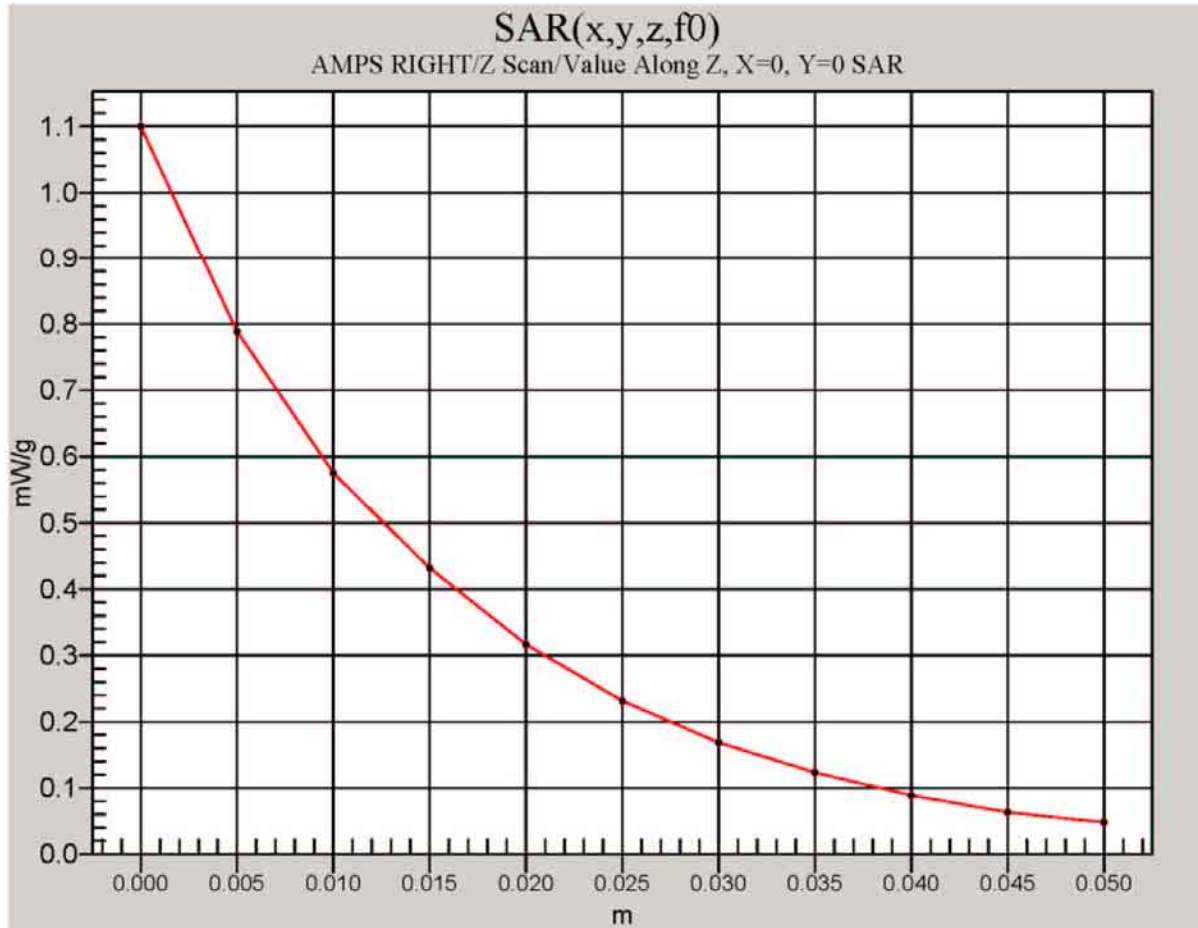
**AMPS Ch383 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.7 V/m; Power Drift = -0.0 dB  
 Maximum value of SAR (measured) = 1.17 mW/g  
 Peak SAR (extrapolated) = 1.4 W/kg  
**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.783 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.17mW/g



Date/Time: 05/25/04 01:18:55

Test Laboratory: Kyocera

**K434LC #9LWQ 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,  $\sigma = 0.925$  mho/m,  $\epsilon_r = 41.8$ ,  $\rho = 1000$  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**

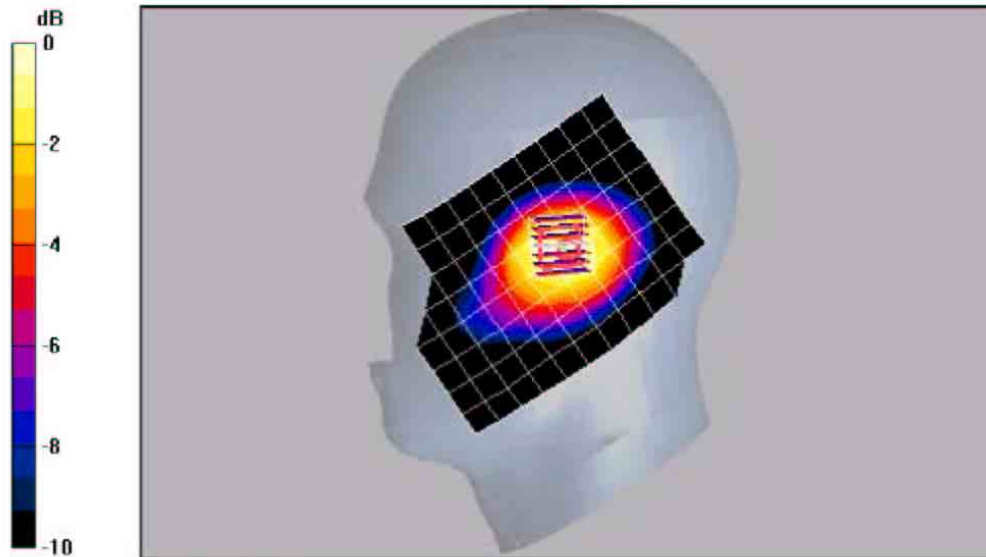
Reference Value = 38.3 V/m; Power Drift = -0.28 dB

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

Peak SAR (extrapolated) = 1.64 W/kg

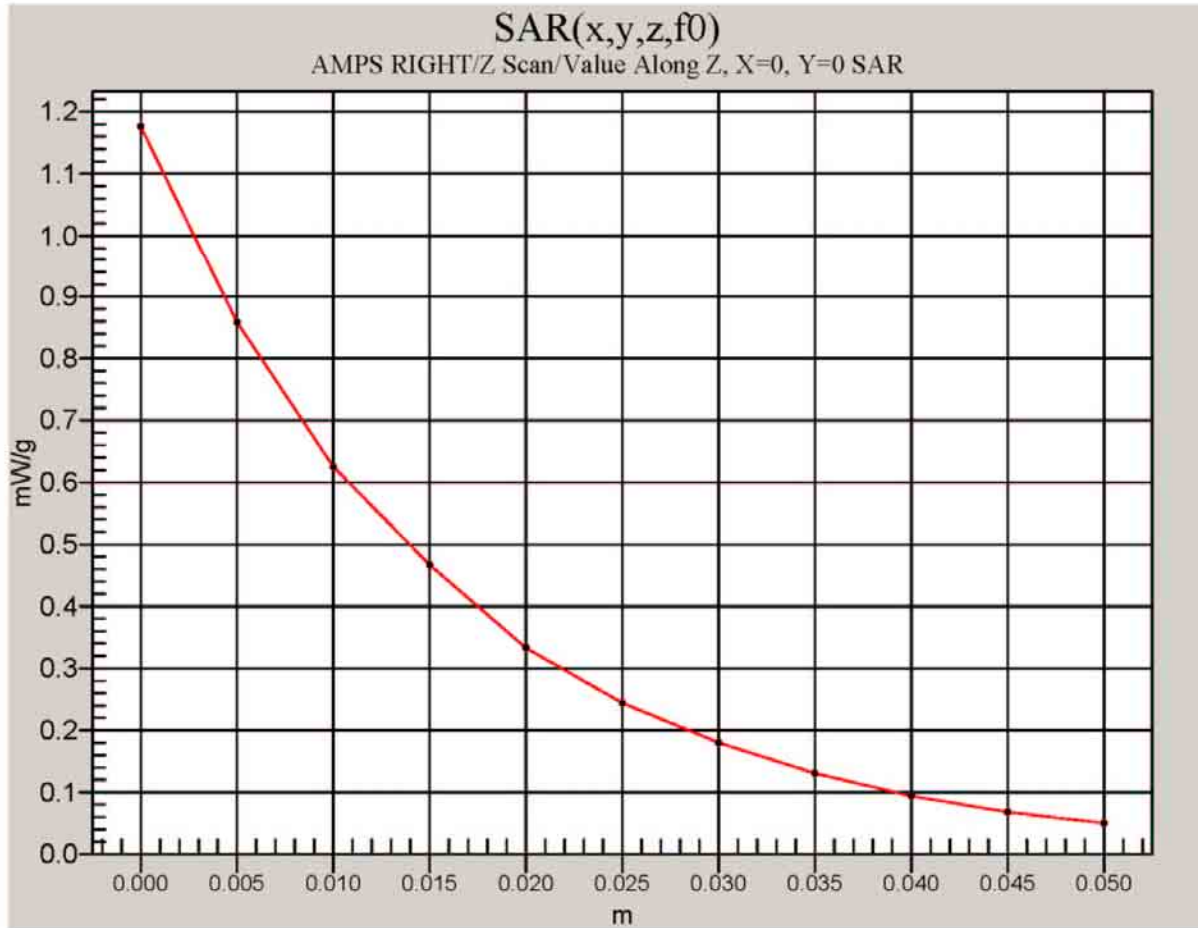
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.914 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 1.36mW/g





Date/Time: 05/25/04 01:18:55

Test Laboratory: Kyocera

**K434LC #9LWQ 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,  $\sigma = 0.925$  mho/m,  $\epsilon_r = 41.8$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Right Section

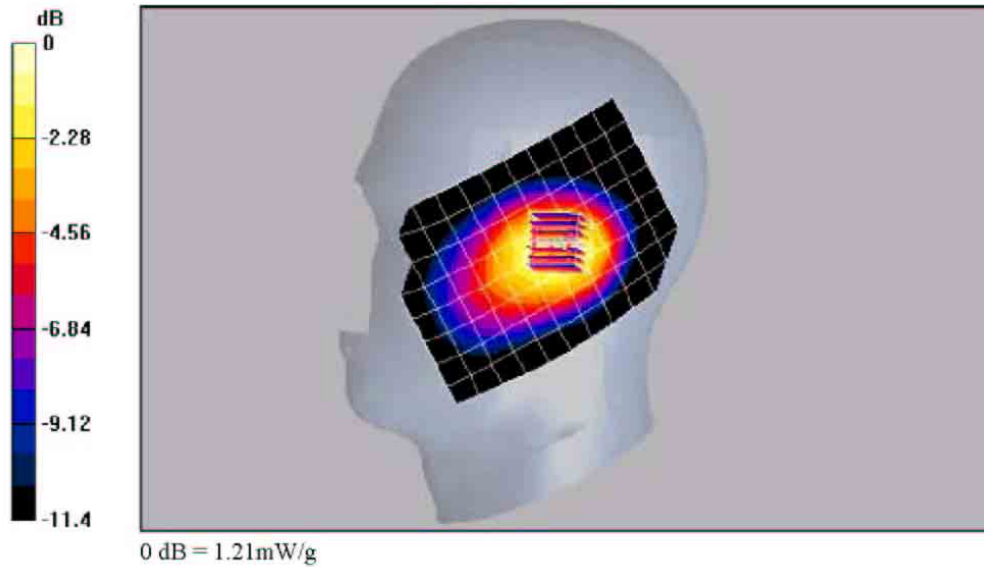
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

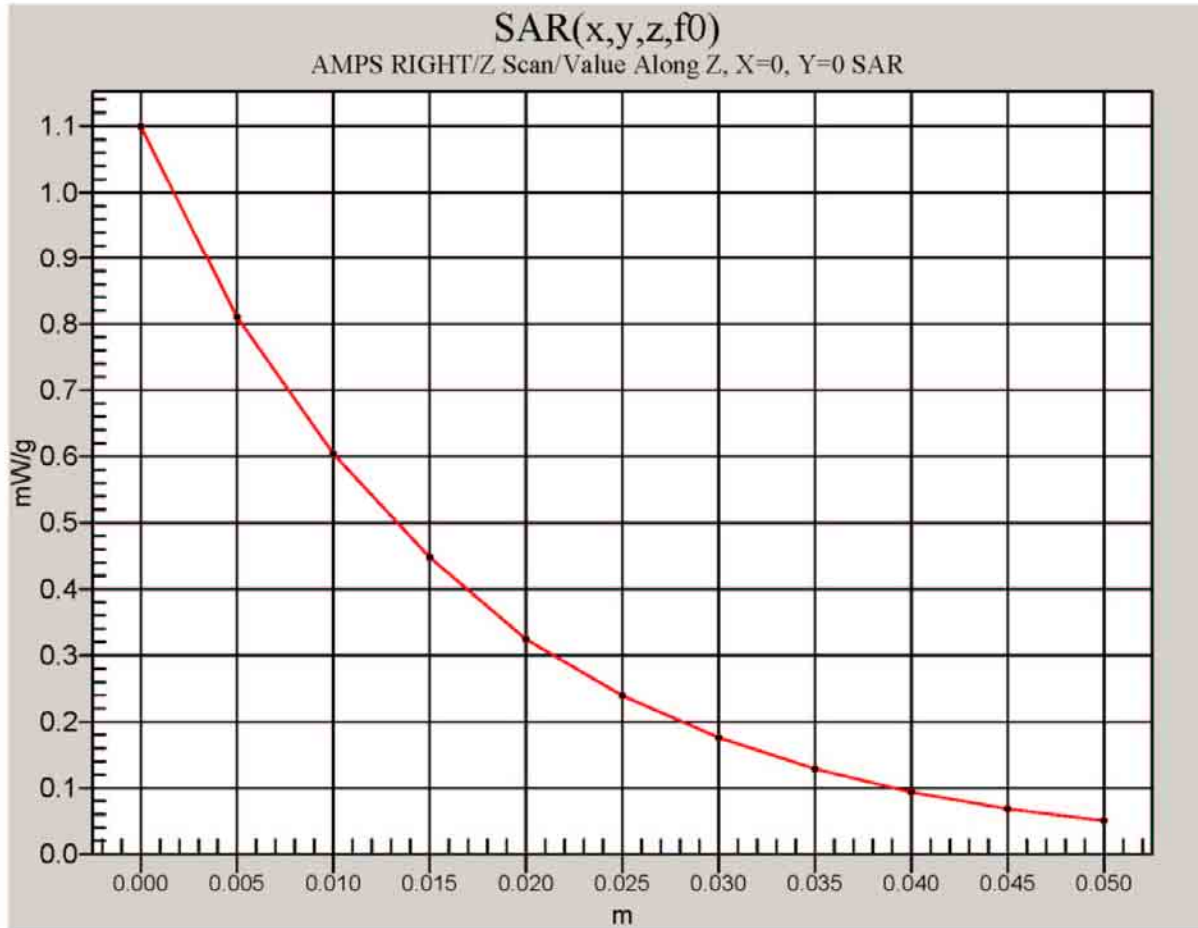
**Temperature**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 37 V/m, Power Drift = 0.0 dB  
 Maximum value of SAR (measured) = 1.21 mW/g  
 Peak SAR (extrapolated) = 1.43 W/kg  
 SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.796 mW/g

Info: Interpolated medium parameters used for SAR evaluation





## **Section 2**

### **CDMA 1900**

Date/Time: 05/25/04 08:27:41

Test Laboratory: Kyocera

**K434LC #9LWQ PCS 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 Sa530, 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

**PCS ch1175 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

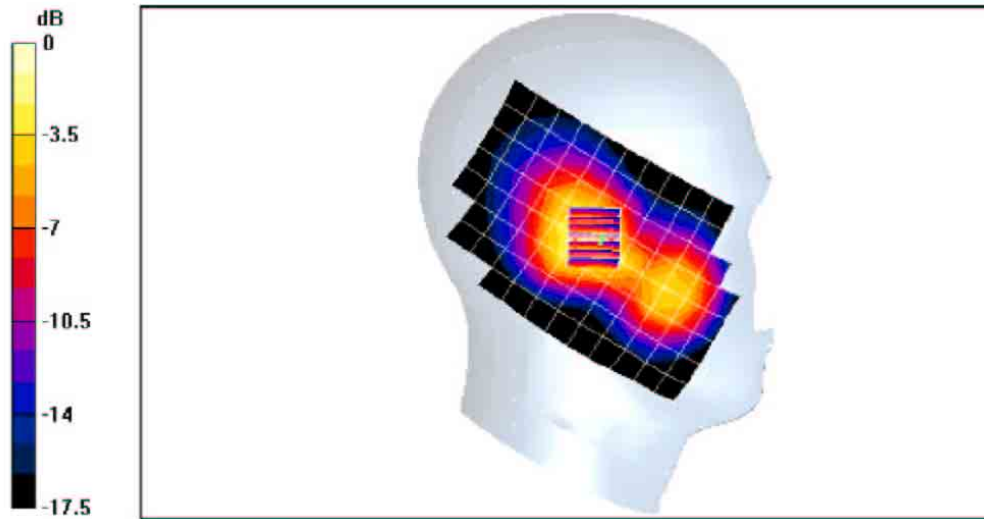
Reference Value = 29.5 V/m; Power DnB = -0.0 dB

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

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.696 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.32mW/g

Date/Time: 05/24/04 10:43:00

Test Laboratory: Kyocera

**K434LC #9LWQ 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 Sa530, 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

**PCS ch1175 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

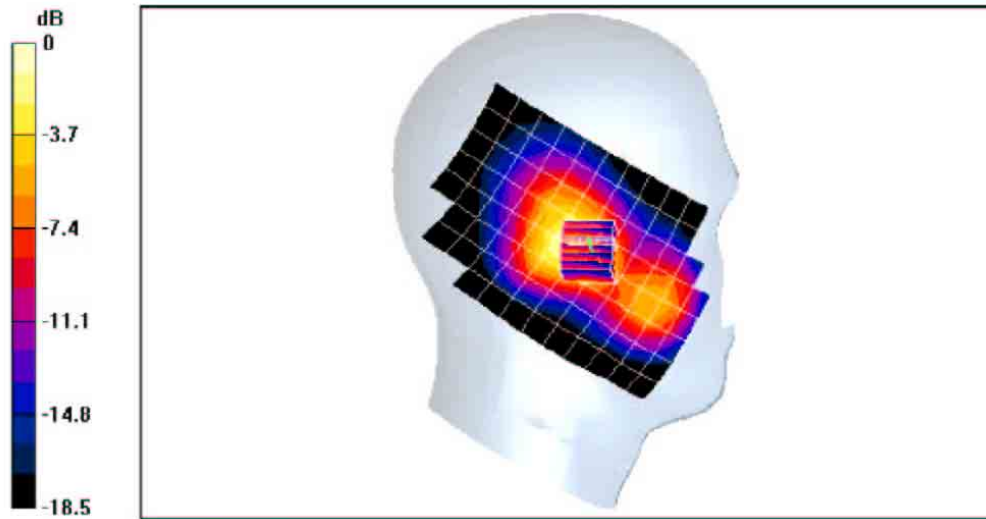
Reference Value = 30 V/m, Power Drift = 0.008 dB

Maximum value of SAR (measured) = 1.49 mW/g

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.764 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.49mW/g

Date/Time: 05/24/04 10:43:00

Test Laboratory: Kyocera

**K434LC #9LWQ 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 Sa530, 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

**PCS ch1175 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

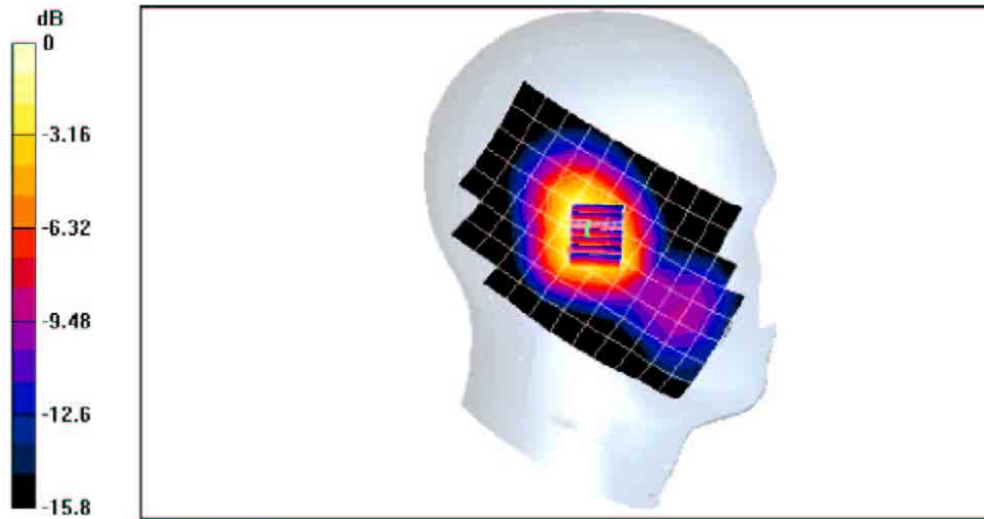
Reference Value = 30.2 V/m; Power DnB = -0.1 dB

Maximum value of SAR (measured) = 1.11 mW/g

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.660 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.11 mW/g

Date/Time: 05/24/04 20:31:11

Test Laboratory: Kyocera

**K434LC #9LWQ PCS 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,  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.8$ ,  $\rho = 1000$  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 Sa530, 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

**PCS ch1175 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

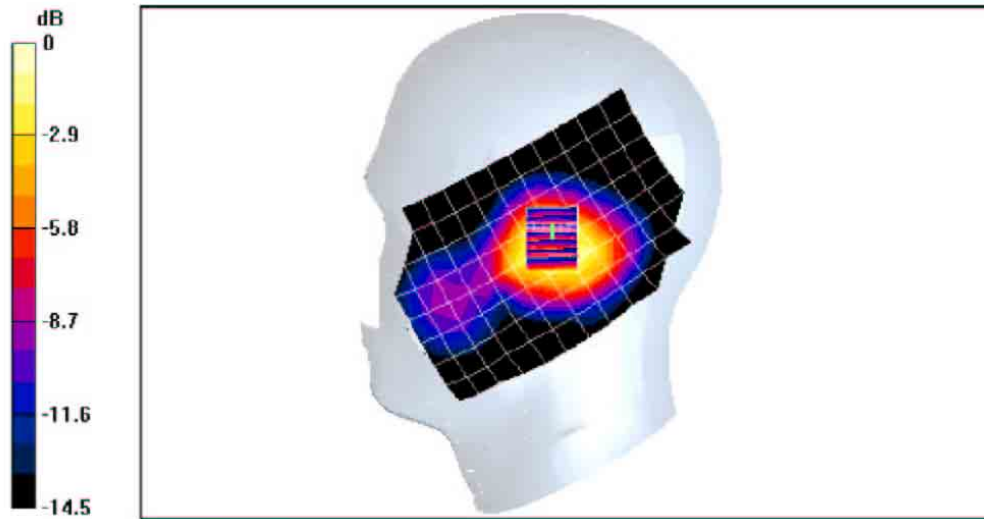
Reference Value = 28.6 V/m, Power DnB = -0.1 dB

Maximum value of SAR (measured) = 1.05 mW/g

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.615 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.05mW/g



Date/Time: 06/23/04 00:48:50

Test Laboratory: Kyocera

**K434LC #9LWQ, PCS ch25 Flat with 22.5mm Air and Backpack Clip**

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

Medium: M1800, Medium parameters used (interpolated):  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.6 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1712, CouvF(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, V1.8 Build 112

**Temperature:**

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

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

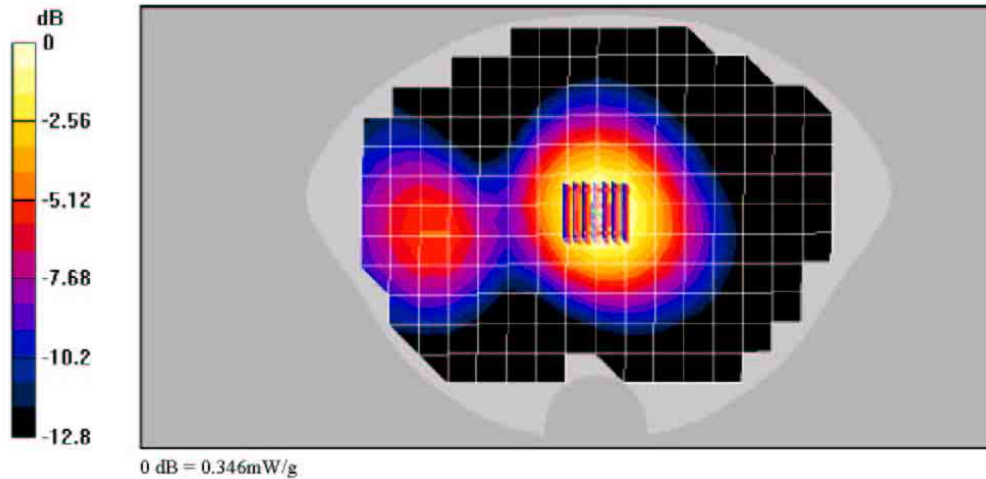
Reference Value = 15.1 V/m, Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.346 mW/g

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.209 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Date/Time: 06/22/04 00:48:50

Test Laboratory: Kyocera

**K434LC #9LWQ, 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,  $\epsilon_r = 53.8$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

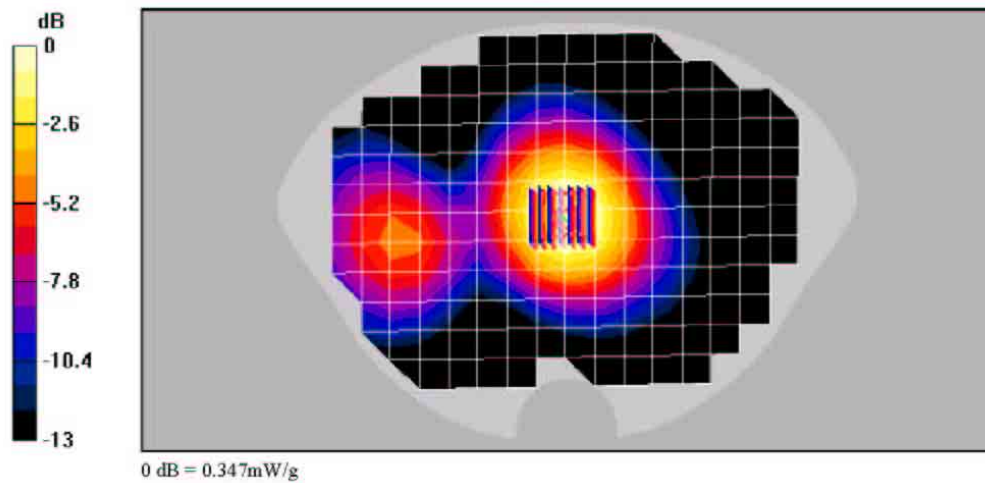
Probe: ETSDV6 - SN1712, ConvF(5, 5, 5), Calibrated: Probe not calibrated  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE3 Sn530, Calibrated: 12/22/2003  
Measurement SW: DASY4, V4.2 Build 44  
Postprocessing SW: SEMCAD, V1.8 Build 112

**Temperature:**

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

**CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $\Delta x = 5$ mm,  $\Delta y = 5$ mm,  $\Delta z = 5$ mm

Reference Value = 15.2 V/m, Power Drift = 0.0 dB  
Maximum value of SAR (measured) = 0.347 mW/g  
Peak SAR (extrapolated) = 0.515 W/kg  
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.208 mW/g



file://C:\Dasy4\Reports\K7\K454L%20#B77Q\AMPS\FCC-K484LC #9LWQ, PCS-19... 6/24/2004

Date/Time: 06/10/04 03:35:45

Test Laboratory: Kyocera

**K434LC #9LWQ PCS ch600 Flat with Belt Clip and Backpack Clip**

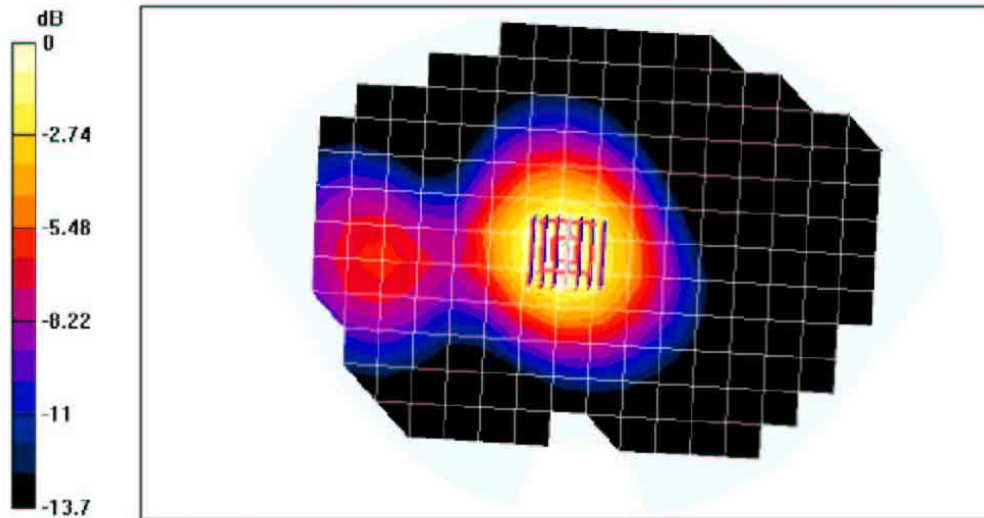
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: M1800, Medium parameters used:  $f = 1880$  MHz,  $\sigma = 1.56$  mho/m,  $\epsilon_r = 53.6$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1712, ConvF(5, 5), Calibrated: Probe not calibrated  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: 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

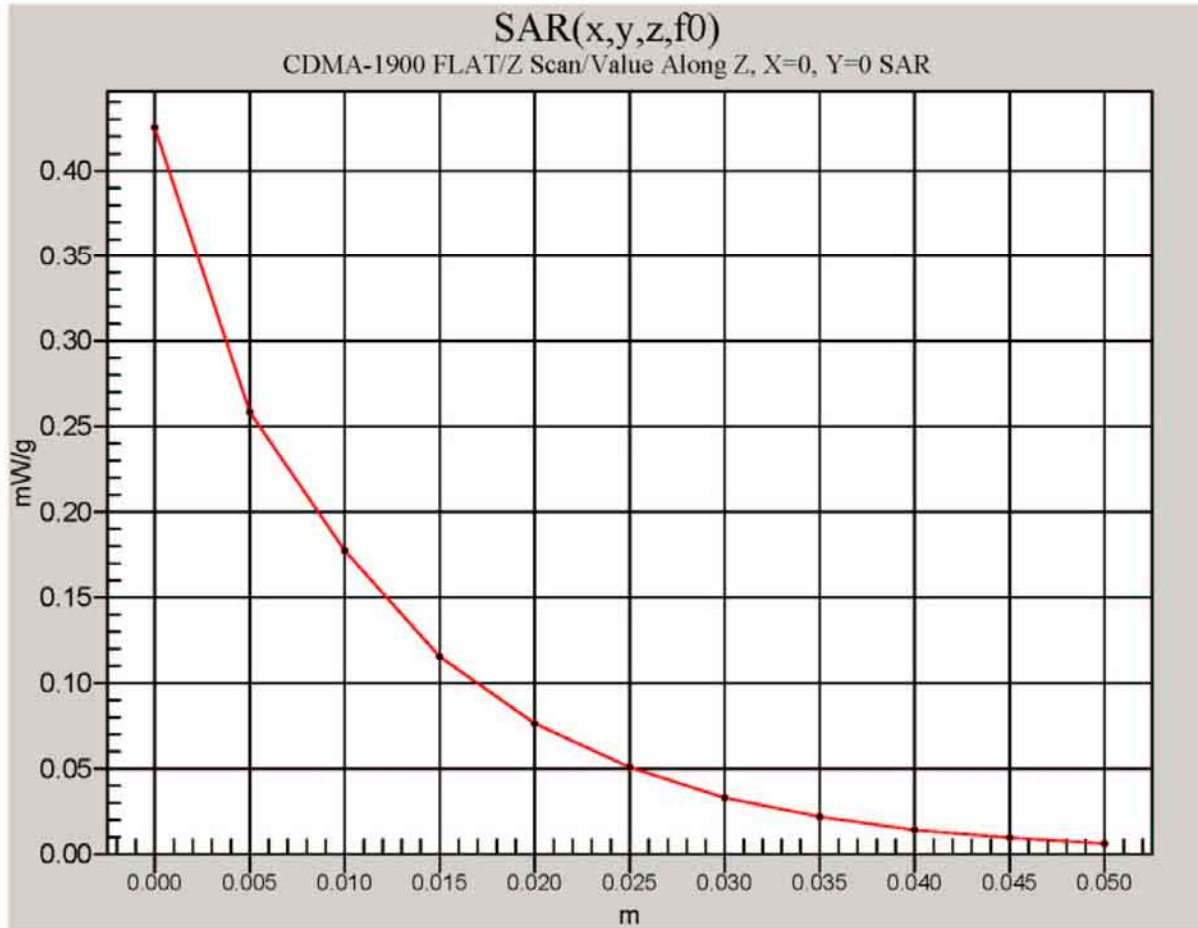
**CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.1 dB  
 Maximum value of SAR (measured) = 0.500 mW/g  
 Peak SAR (extrapolated) = 0.751 W/kg  
**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.294 mW/g**



0 dB = 0.500mW/g

file://C:\Dropbox\K434LC\PCS\FCC-K484LC%20#9LWQ, CDMA-1900 Flat ch600, wit... 6/17/2004



Date/Time: 06/09/04 17:45:59

Test Laboratory: Kyocera

**K434LC #9LWQ PCS ch600 Flat with Belt Clip**

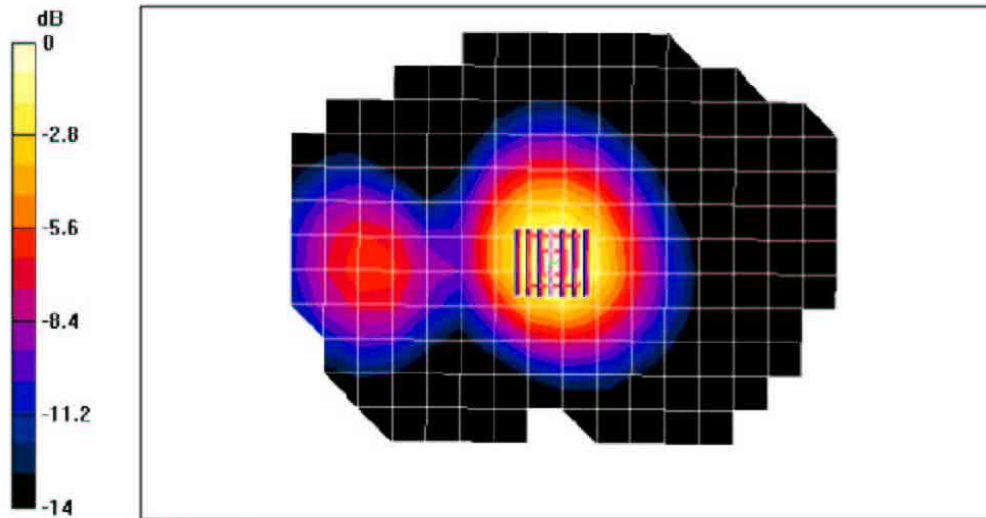
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: M1800, Medium parameters used:  $f = 1880$  MHz,  $\sigma = 1.6$  mho/m,  $\epsilon_r = 53.9$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1712, ConvF(5, 5, 5), Calibrated: Probe not calibrated  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sa530, 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

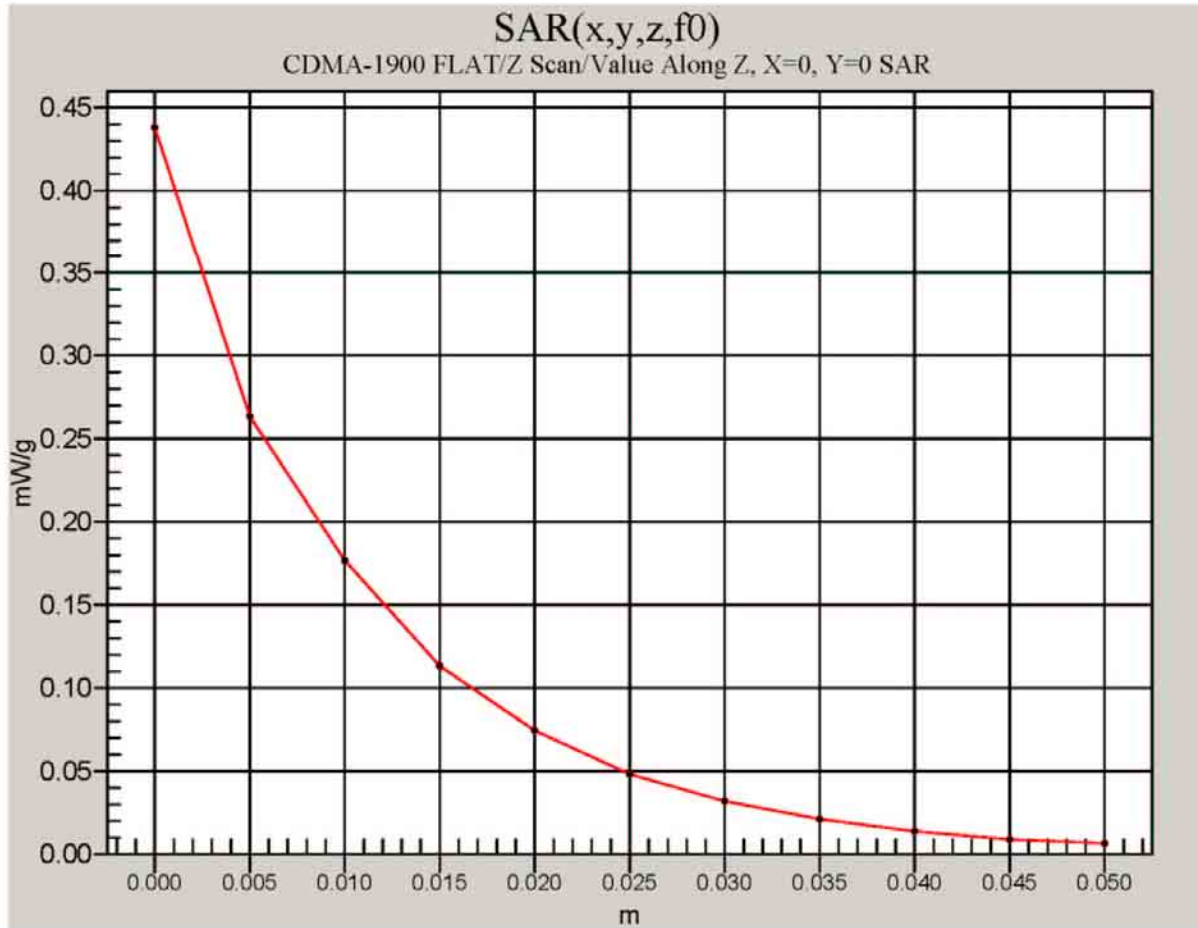
**CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.1 dB  
 Maximum value of SAR (measured) = 0.506 mW/g  
 Peak SAR (extrapolated) = 0.772 W/kg  
 SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.291 mW/g



0 dB = 0.506mW/g

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Date/Time: 06/10/04 01:28:07

Test Laboratory: Kyocera

**K434LC #9LWQ PCS ch600 Flat with Leather Case and Backpack Clip**

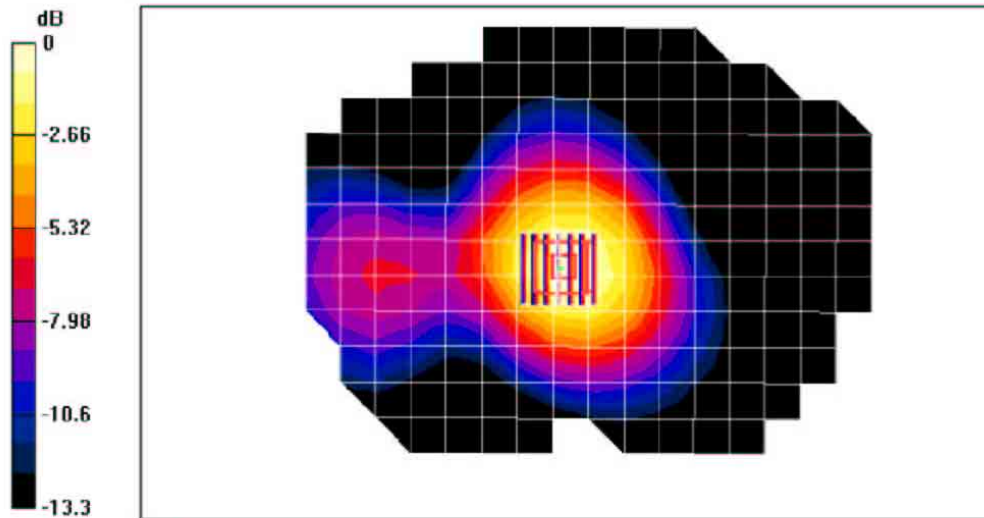
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: M1800, Medium parameters used:  $f = 1880$  MHz,  $\sigma = 1.56$  mho/m,  $\epsilon_r = 53.6$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

**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, V1.8 Build 112

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

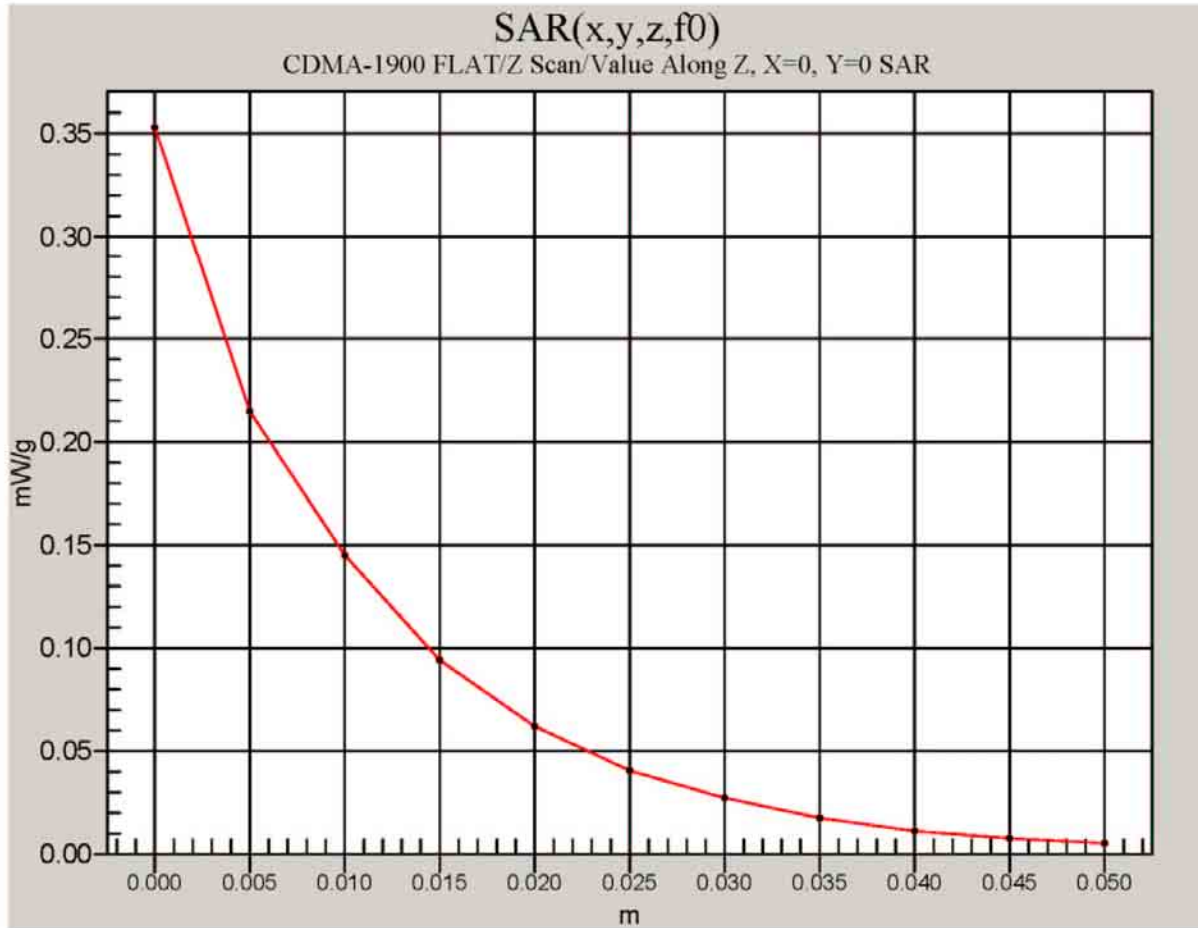
**CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.0 dB  
 Maximum value of SAR (measured) = 0.399 mW/g  
 Peak SAR (extrapolated) = 0.606 W/kg  
 SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.234 mW/g



0 dB = 0.399mW/g

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Date/Time: 06/09/04 13:30:24

Test Laboratory: Kyocera

**K434LC #9LWQ PCS ch600 Flat with Leather Case**

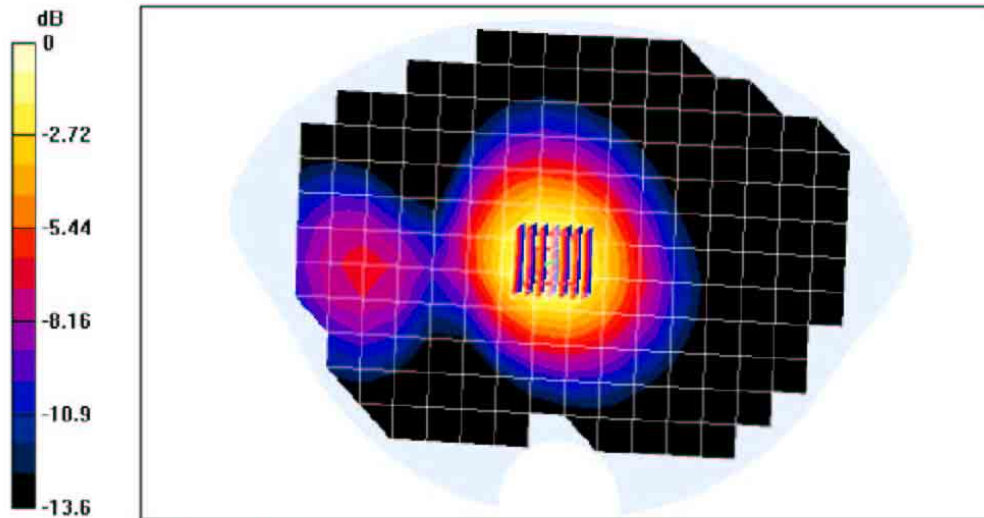
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: M1800, Medium parameters used:  $f = 1880$  MHz,  $\sigma = 1.6$  mho/m,  $\epsilon_r = 53.9$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1712, ConvF(5, 5), Calibrated: Probe not calibrated  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sa530, 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

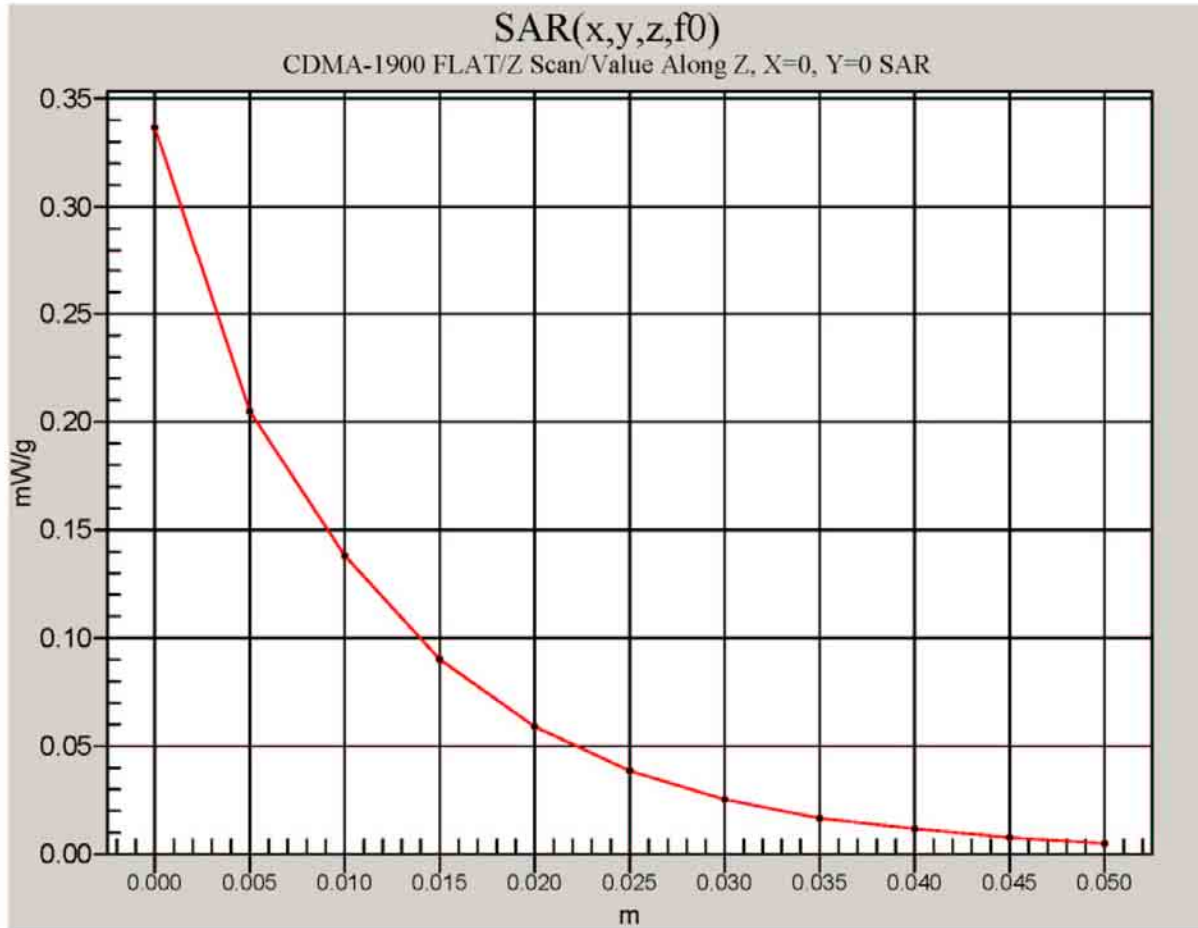
**CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.1 dB  
 Maximum value of SAR (measured) = 0.405 mW/g  
 Peak SAR (extrapolated) = 0.615 W/kg  
 SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.235 mW/g



0 dB = 0.405mW/g

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## **Section 3 CDMA 800**

Date/Time: 06/10/04 13:21:07

Test Laboratory: Kyocera

**K434LC #9LWQ, CDMA 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,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

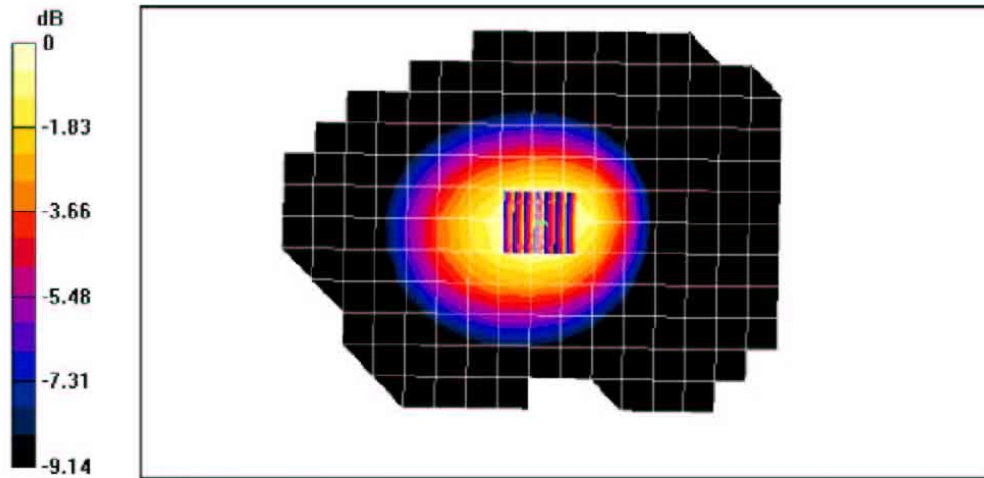
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 23.5 V/m, Power Drift = -0.1 dB  
 Maximum value of SAR (measured) = 0.557 mW/g  
 Peak SAR (extrapolated) = 0.674 W/kg  
**SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.388 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.557mW/g

Date/Time: 06/10/04 08:35:21

Test Laboratory: Kyocera

**K434LC #9LWQ, 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,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  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 gn d: dx=5mm, dy=5mm, dz=5mm**

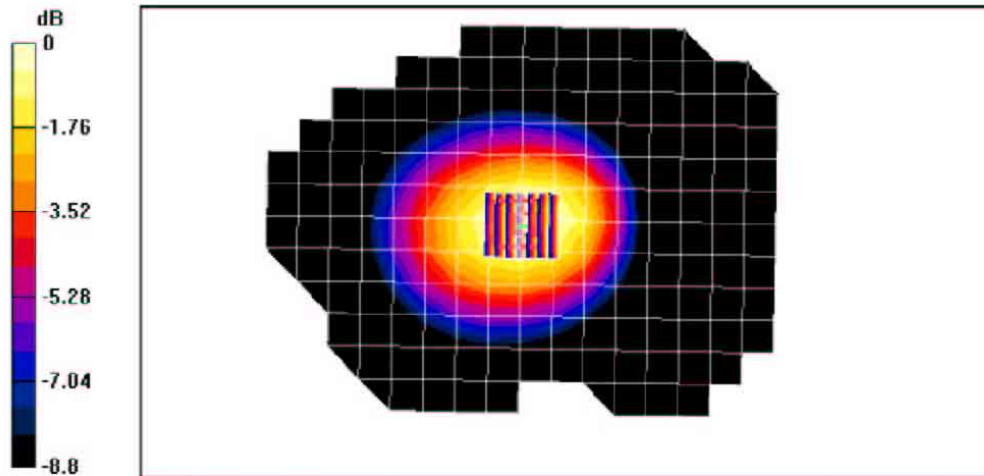
Reference Value = 22.8 V/m, Power DnB = -0.1 dB

Maximum value of SAR (measured) = 0.568 mW/g

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.392 mW/g

Info: Interpolated medium parameters used for SAR evaluation



file://\Kwc045925-v111\Dasy4%20Reports\K7\K434LC%20#9LWQ\AMPS Head &amp; Mus... 6/24/2004

Date/Time: 06/10/04 16:12:09

Test Laboratory: Kyocera

**K434LC #9LWQ, 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,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

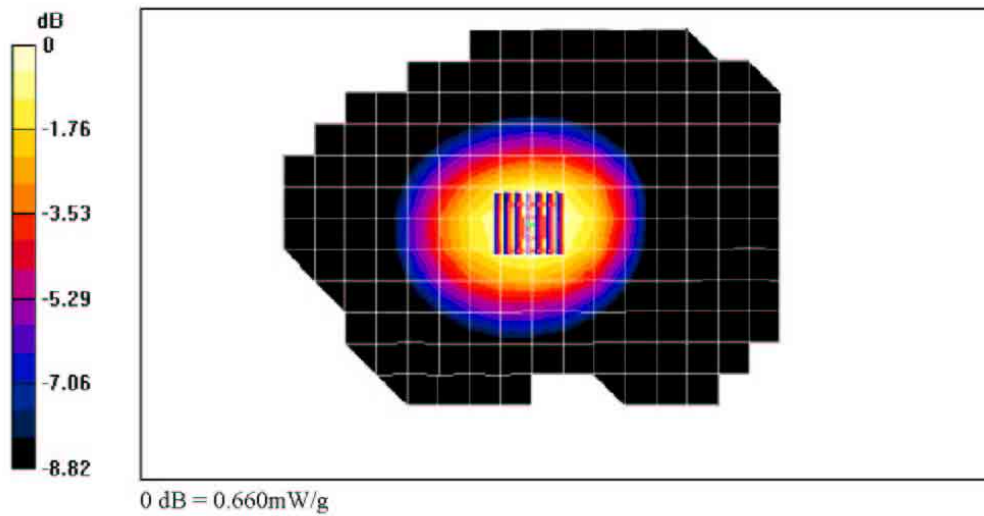
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

**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 = 25.2 V/m, Power Dn fit = -0.1 dB  
 Maximum value of SAR (measured) = 0.660 mW/g  
 Peak SAR (extrapolated) = 0.773 W/kg  
**SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.451 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 06/10/04 10:20:42

Test Laboratory: Kyocera

**K434LC #9LWQ, 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,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

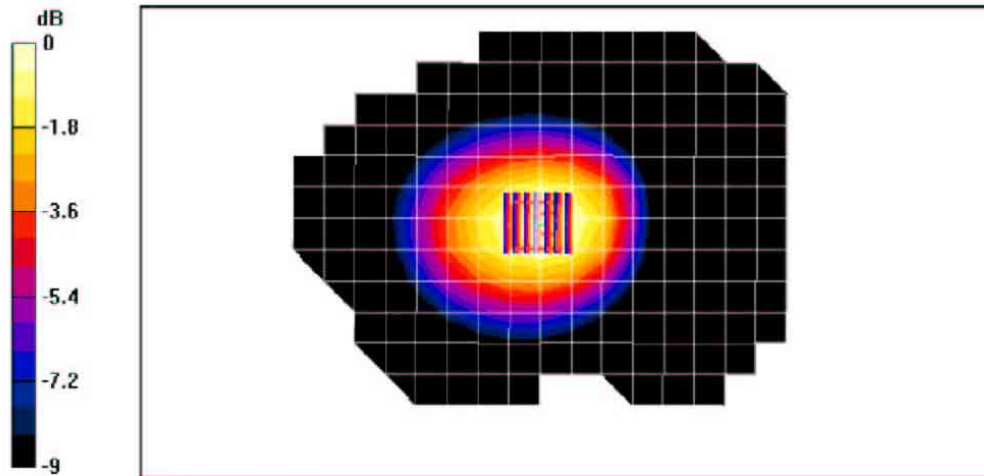
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.4, 6.4, 6.4), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 23.6 V/m, Power DnB = -0.1 dB  
 Maximum value of SAR (measured) = 0.590 mW/g  
 Peak SAR (extrapolated) = 0.713 W/kg  
**SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.404 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 06/10/04 17:18:16

Test Laboratory: Kyocera

**K434LC #9LWQ, CDMA 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,  $\sigma = 0.977$  mho/m,  $\epsilon_r = 54$ ;  $\rho = 1000$  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 gn d: dx=5mm, dy=5mm, dz=5mm**

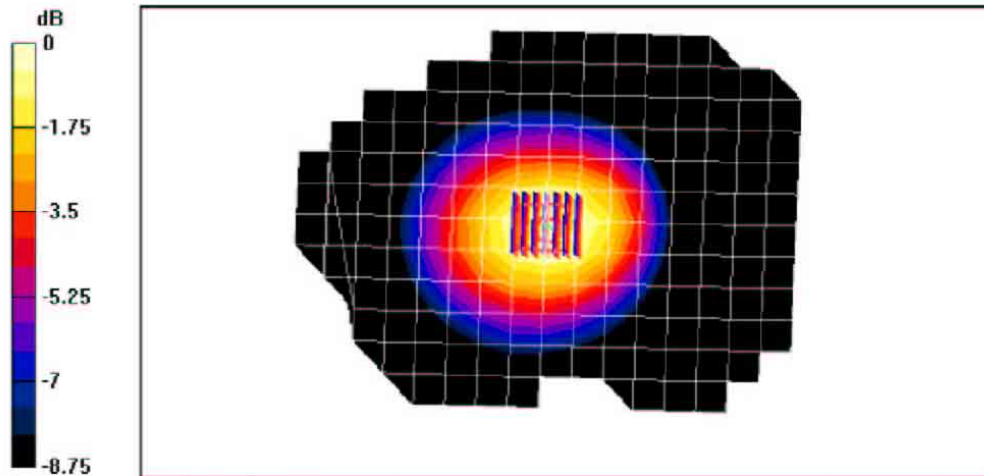
Reference Value = 21.3 V/m, Power DnB = -0.1 dB

Maximum value of SAR (measured) = 0.458 mW/g

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.318 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 0.458mW/g



Date/Time: 06/10/04 12:21:31

Test Laboratory: Kyocera

**K434LC #9LWQ, 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;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  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

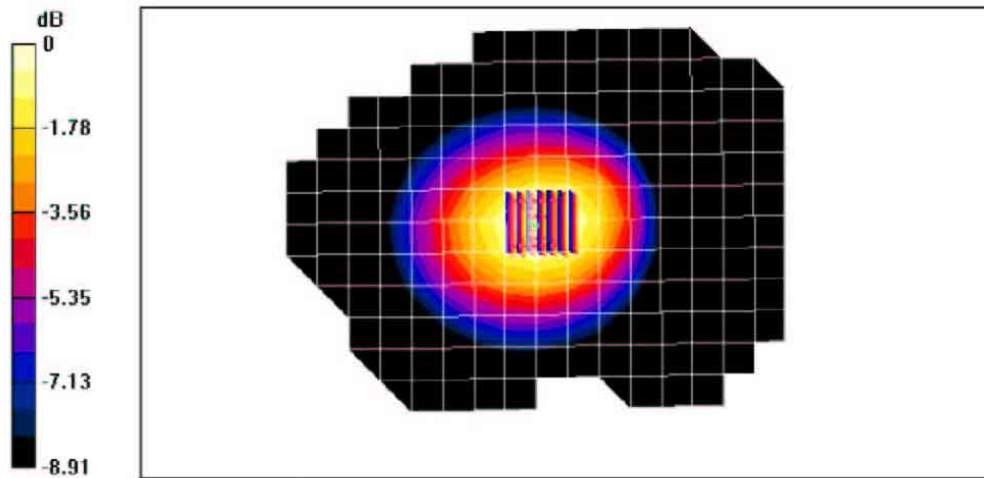
Reference Value = 20.6 V/m, Power Dn fit = -0.1 dB

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

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.305 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 0.437mW/g

Date/Time: 05/25/04 10:44:02

Test Laboratory: Kyocera

### K434LC #9LWQ, CDMA ch383 Left Cheek with Backpack Clip

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

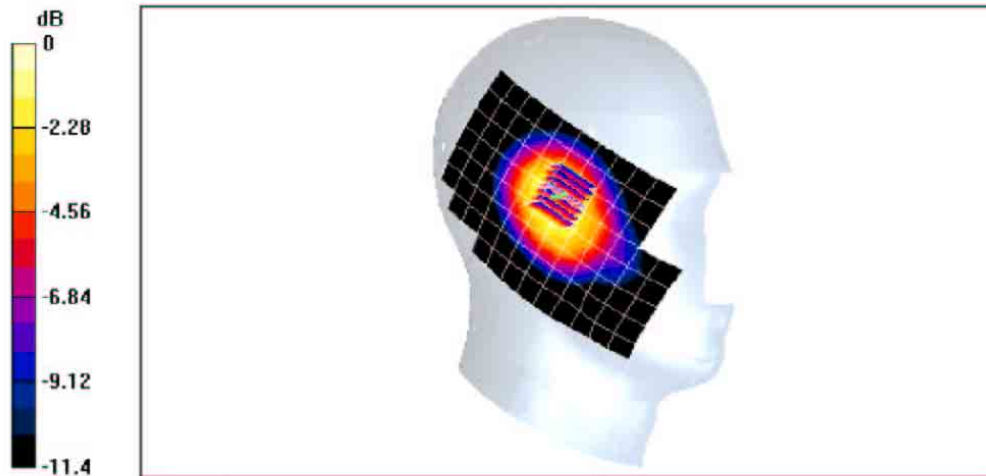
**DASY4 Configuration:**  
Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
Measurement SW: DASY4, V4.2 Build 44  
Postprocessing SW: SEMCAD, V1.8 Build 112

**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 = 36.3 V/m, Power Dn B = -0.1 dB  
Maximum value of SAR (measured) = 1.36 mW/g  
Peak SAR (extrapolated) = 1.72 W/kg  
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.867 mW/g

Info: Interpolated medium parameters used for SAR evaluation



Date/Time: 05/21/04 13:16:29

Test Laboratory: Kyocera

**K434LC #9LWQ, 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,  $\sigma = 0.922$  mho/m,  $\epsilon_r = 42.7$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

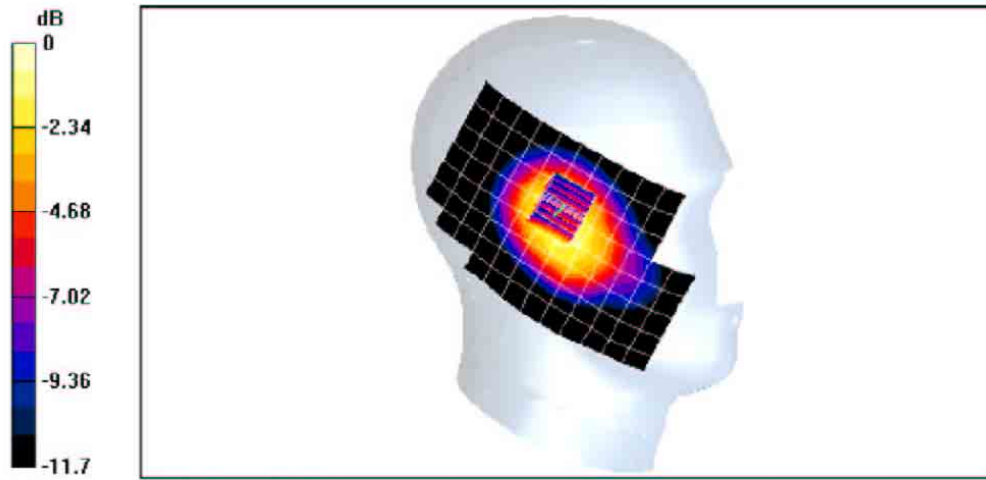
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 37.7 V/m, Power Dn B = -0.009 dB  
 Maximum value of SAR (measured) = 1.48 mW/g  
 Peak SAR (extrapolated) = 1.89 W/kg  
 SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.943 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Date/Time: 05/21/04 13:16:29

Test Laboratory: Kyocera

**K434LC #9LWQ, CDMA 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, V1.8 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

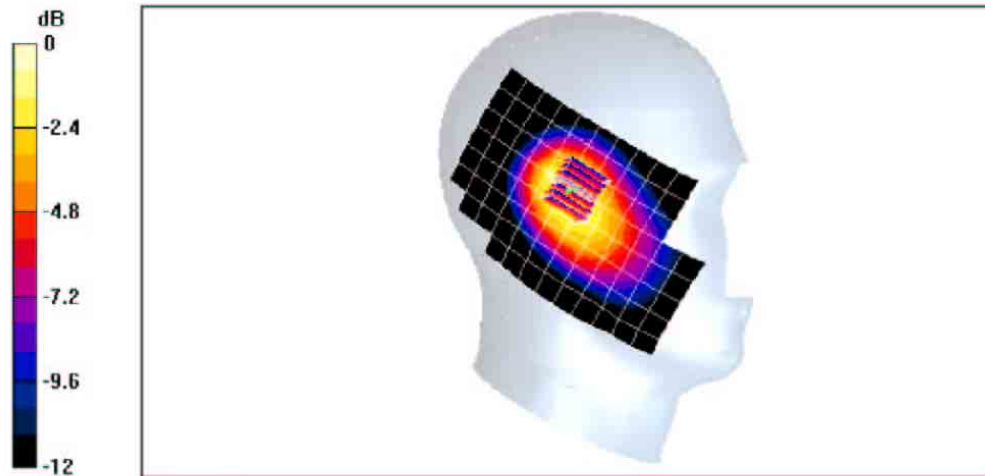
Reference Value = 35.6 V/m, Power Dn B = -0.1 dB

Maximum value of SAR (measured) = 1.22 mW/g

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.783 mW/g**

Info: Interpolated medium parameters used for SAR evaluation



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Date/Time: 05/24/04 10:39:30

Test Laboratory: Kyocera

**K434LC #9LWQ, 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**

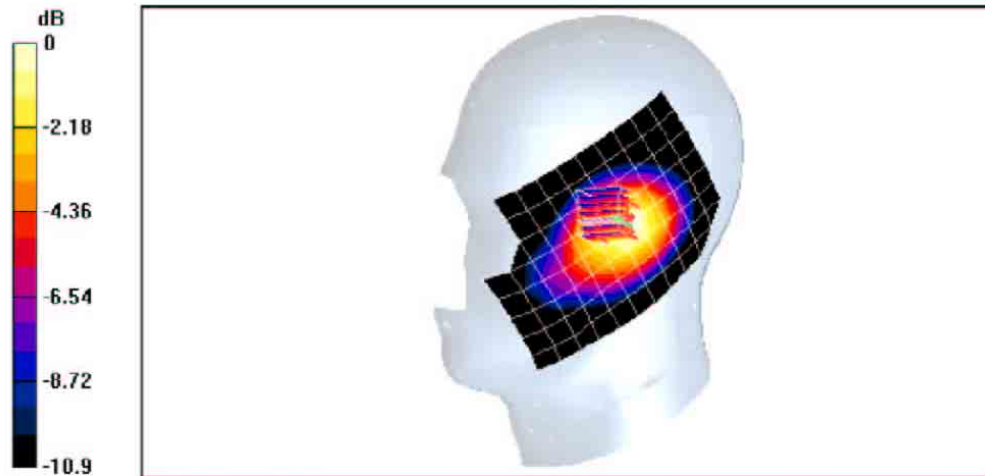
Reference Value = 37 V/m, Power Drift = -0.2 dB

Maximum value of SAR (measured) = 1.22 mW/g

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.815 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



0 dB = 1.22mW/g

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Date/Time: 05/24/04 10:39:30

Test Laboratory: Kyocera

**K434LC #9LWQ, 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,  $\sigma = 0.915$  mho/m,  $\epsilon_r = 42.1$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Right Section

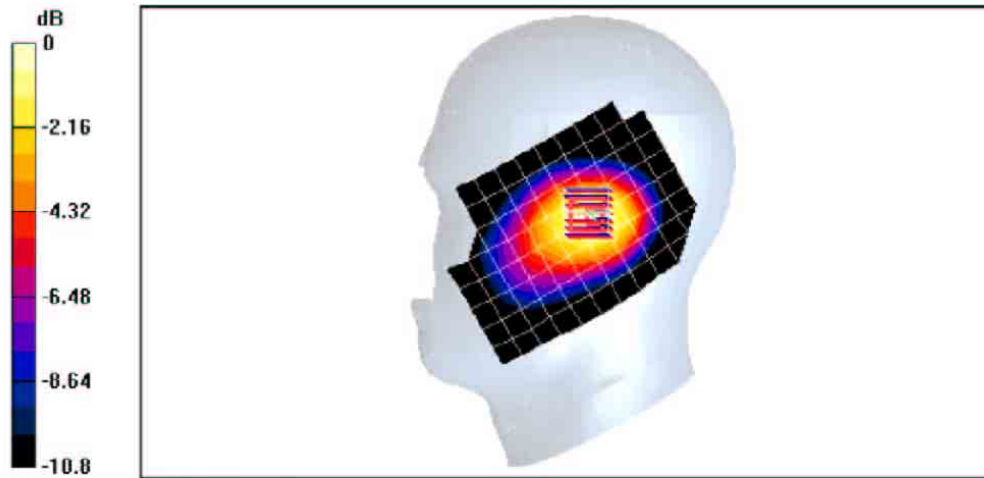
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1663, ConvF(6.7, 6.7, 6.7), Calibrated: 10/10/2003  
 Sensor: Surface 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003  
 Measurement SW: DASY4, V4.2 Build 44  
 Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 35.8 V/m; Power Drift = -0.1 dB  
 Maximum value of SAR (measured) = 1.1 mW/g  
 Peak SAR (extrapolated) = 1.33 W/kg  
 SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.720 mW/g

Info: Interpolated medium parameters used for SAR evaluation



0 dB = 1.1mW/g