

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: LX260; Type: Cellular/PCS CDMA phone w/Bluetooth; Serial: SAR1**

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.92$  mho/m,  $\epsilon_r = 42.15$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 7-11-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3550; ConvF(7.98, 7.98, 7.98); Calibrated: 1/22/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: CDMA, Right Head, Touch, Mid.ch, Standard Battery**

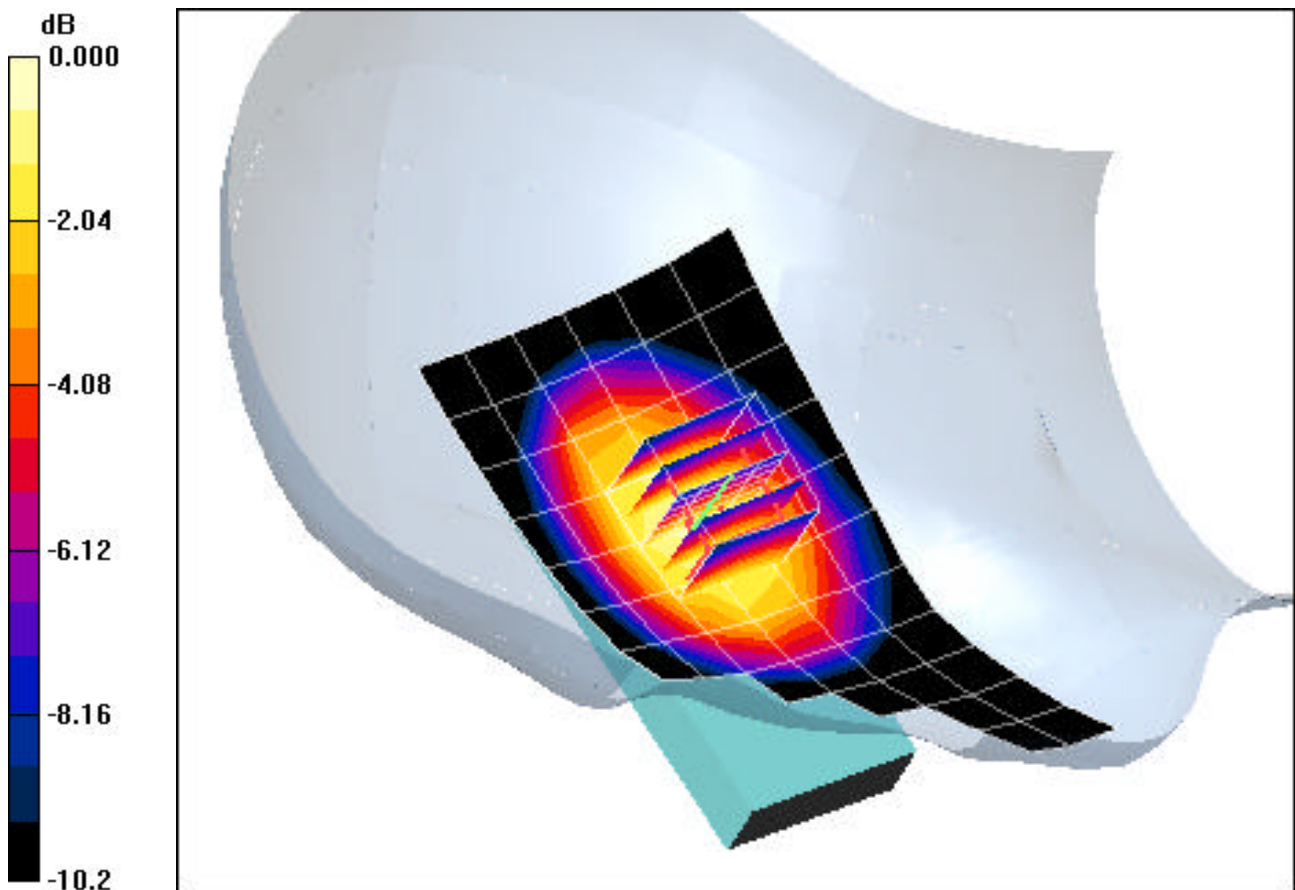
**Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.0 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.863 mW/g



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Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: CDMA, Right Head, Tilt, Mid.ch, Standard Battery**

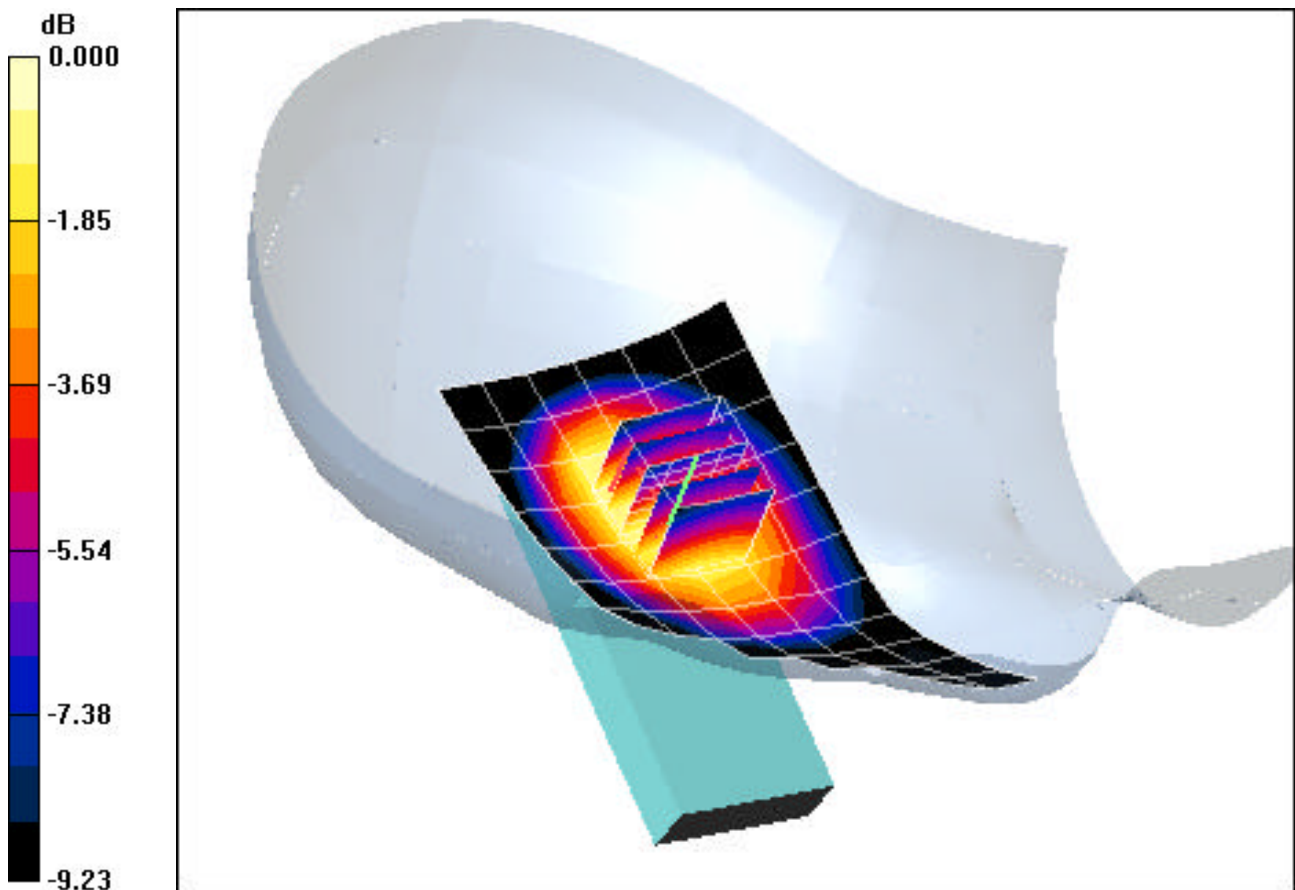
**Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.2 V/m

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.550 mW/g**



0 dB = 0.840mW/g

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Medium: 835 Brain ( $\sigma = 0.92$  mho/m,  $\epsilon_r = 42.15$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 7-11-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3550; ConvF(7.98, 7.98, 7.98); Calibrated: 1/22/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: CDMA, Left Head, Touch, Mid.ch, Standard Battery**

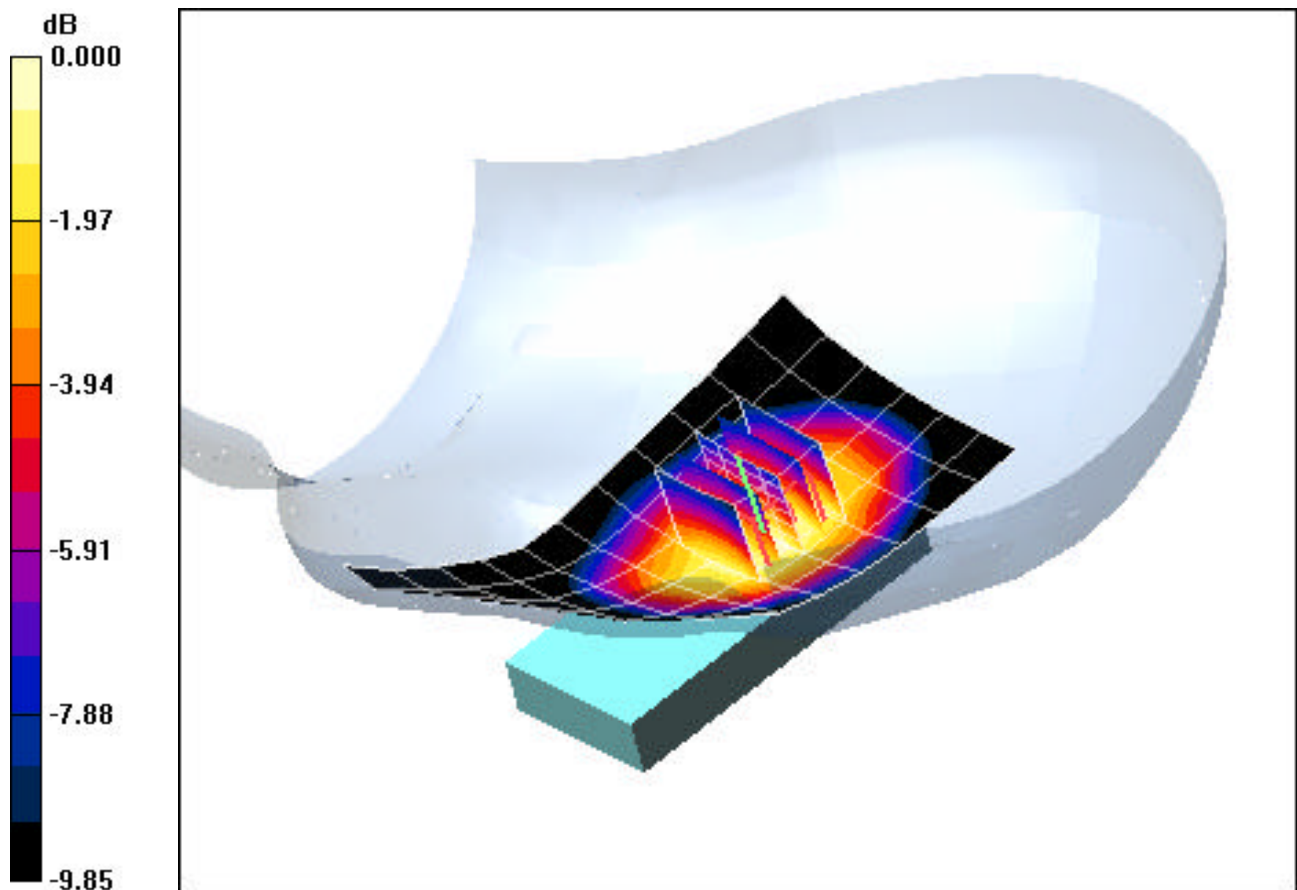
**Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.9 V/m

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.747 mW/g**



0 dB = 1.18mW/g

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Medium: 835 Brain ( $\sigma = 0.92$  mho/m,  $\epsilon_r = 42.15$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 7-11-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3550; ConvF(7.98, 7.98, 7.98); Calibrated: 1/22/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: CDMA, Left Head, Tilt, Mid.ch, Standard Battery**

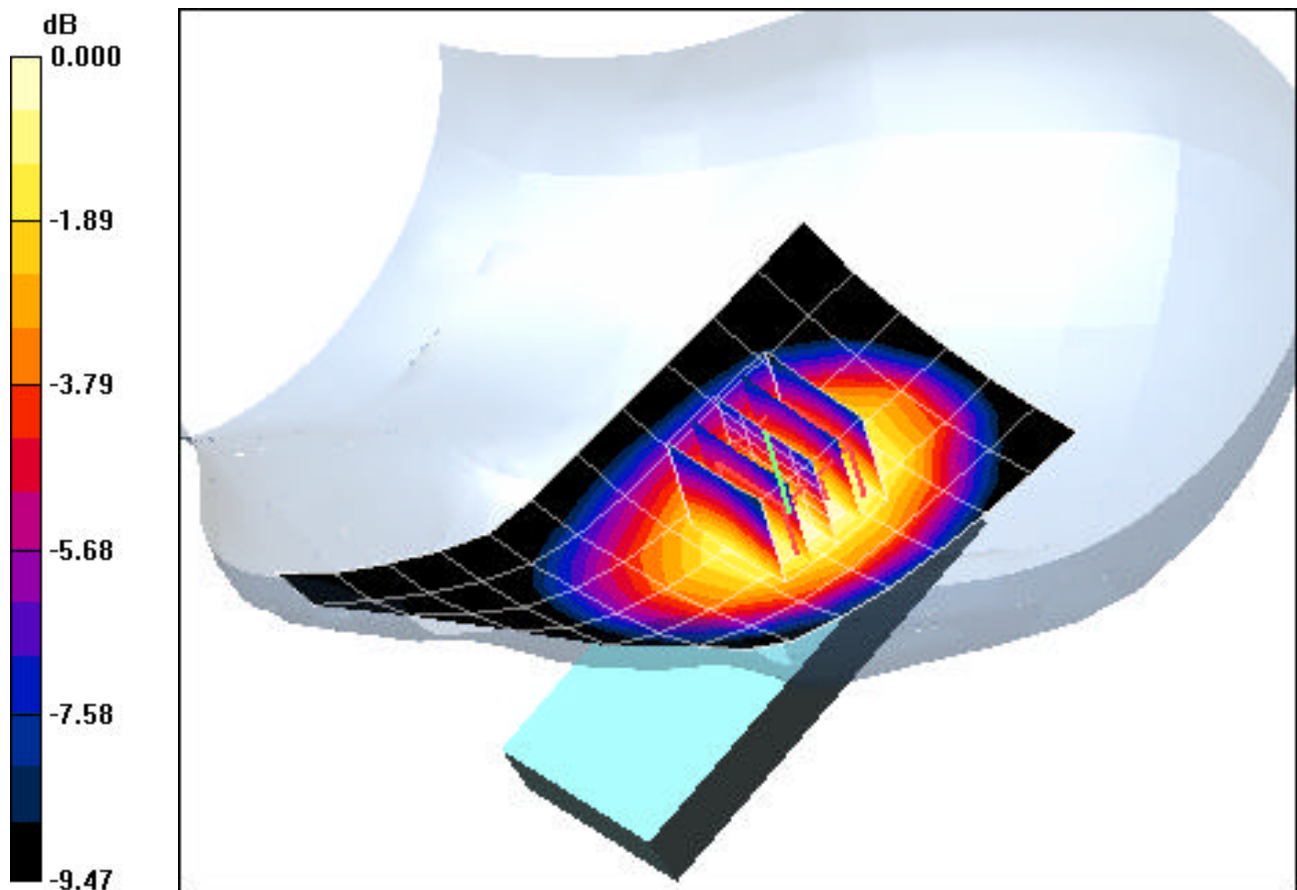
**Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.4 V/m

Peak SAR (extrapolated) = 0.921 W/kg

**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.504 mW/g**



0 dB = 0.773mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: LX260; Type: Cellular/PCS CDMA Phone with Bluetooth ; SN: SAR 1**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ( $\sigma = 1.42$  mho/m,  $\epsilon_r = 40.68$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.71, 6.71, 6.71); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## PCS CDMA, Right Head, Touch, High.ch, Standard Battery

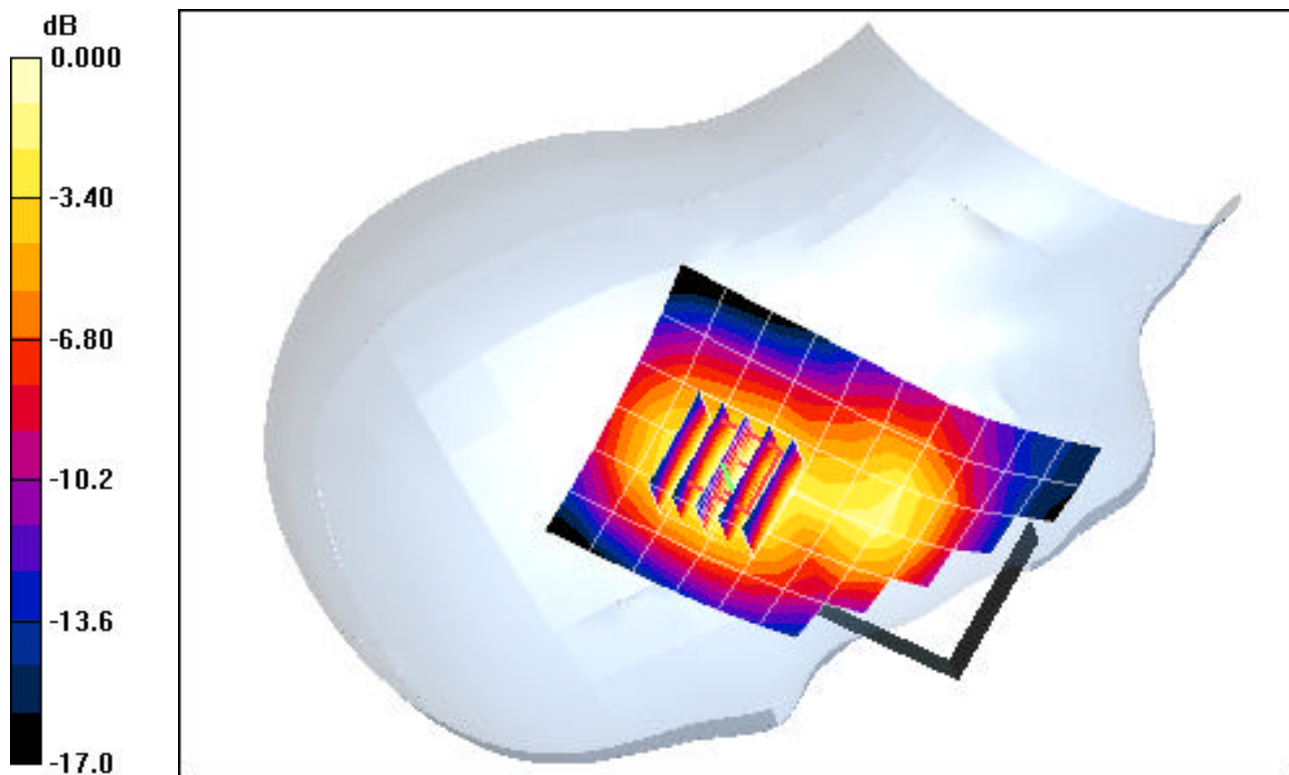
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.7 V/m

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.655 mW/g**



0 dB = 1.32mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: LX260; Type: Cellular/PCS CDMA Phone with Bluetooth ; SN: SAR 1**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ( $\sigma = 1.42$  mho/m,  $\epsilon_r = 40.68$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.71, 6.71, 6.71); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## PCS CDMA, Right Head, Tilt Mid.ch, Standard Battery

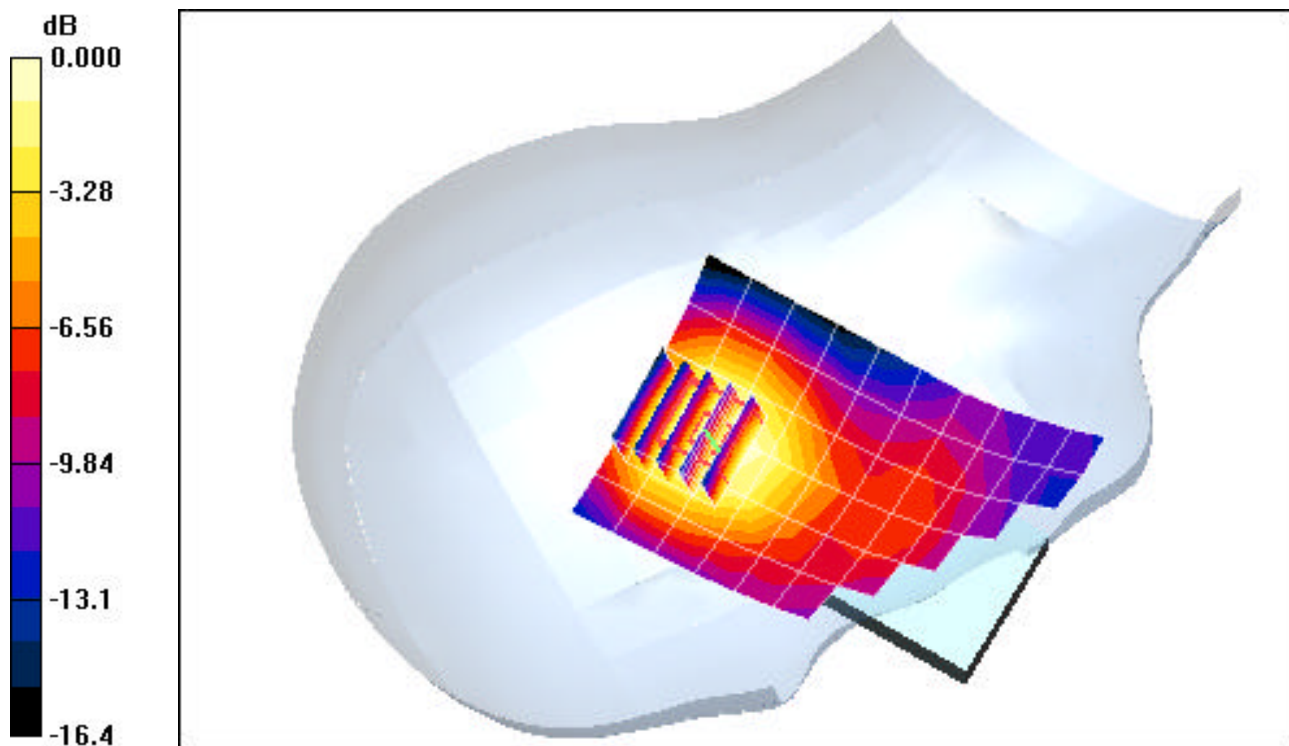
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m

Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.352 mW/g



0 dB = 0.645mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: LX260; Type: Cellular/PCS CDMA Phone with Bluetooth ; SN: SAR 1**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ( $\sigma = 1.42$  mho/m,  $\epsilon_r = 40.68$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.71, 6.71, 6.71); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## PCS CDMA, Left Head, Touch, High ch, Standard Battery

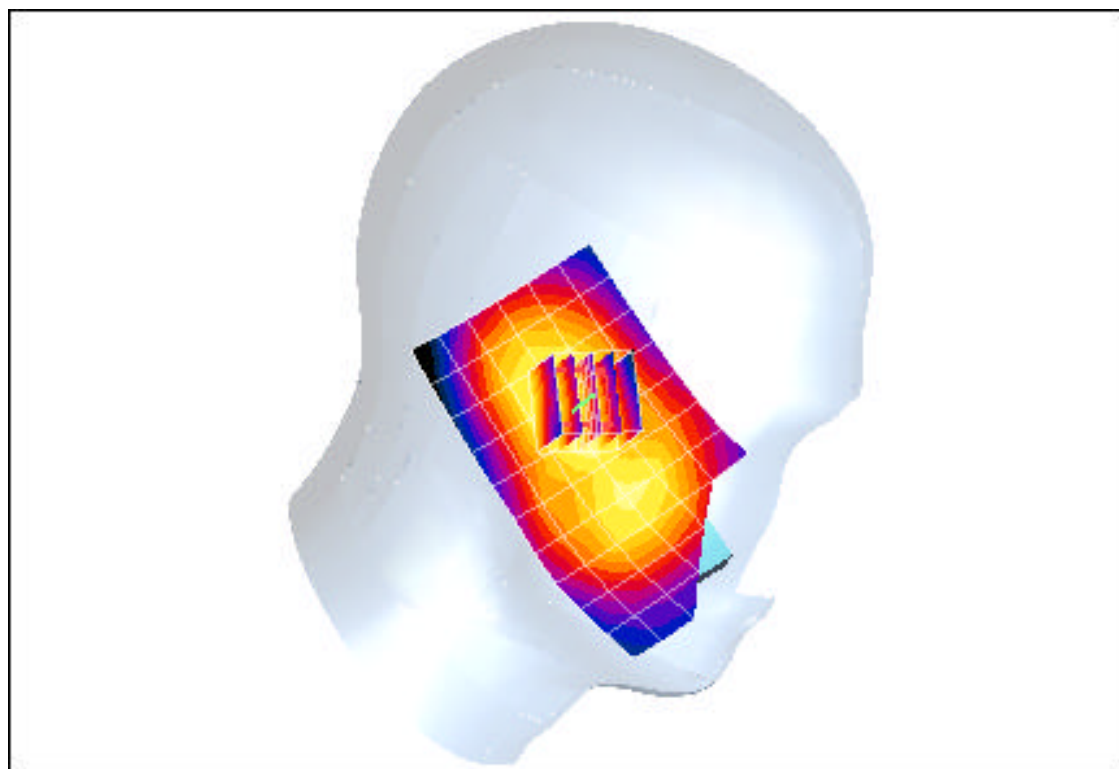
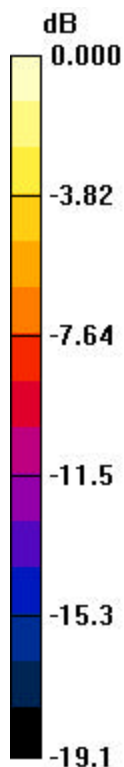
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.615 mW/g**



0 dB = 1.22mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: LX260; Type: Cellular/PCS CDMA Phone with Bluetooth ; SN: SAR 1**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ( $\sigma = 1.42$  mho/m,  $\epsilon_r = 40.68$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.71, 6.71, 6.71); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## PCS CDMA, Left Head, Tilt, Mid ch, Standard Battery

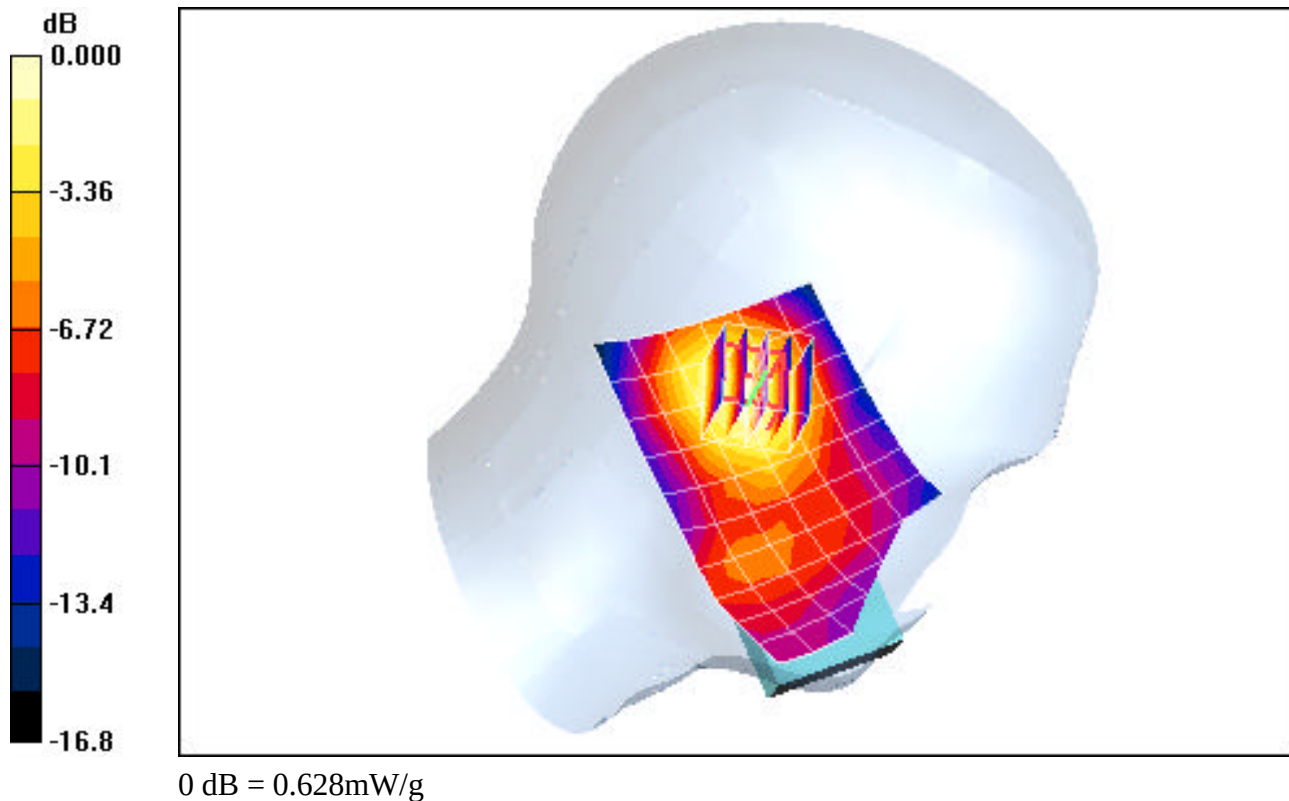
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.332 mW/g**



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**DUT: LX260; Type: Cellular/PCS CDMA phone w/Bluetooth; Serial: SAR1**

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ( $\sigma = 0.99$  mho/m,  $\epsilon_r = 55.37$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.0 cm

Test Date: 7-11-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3550; ConvF(7.87, 7.87, 7.87); Calibrated: 1/22/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: CDMA, Body SAR, Mid.ch, Standard Battery**

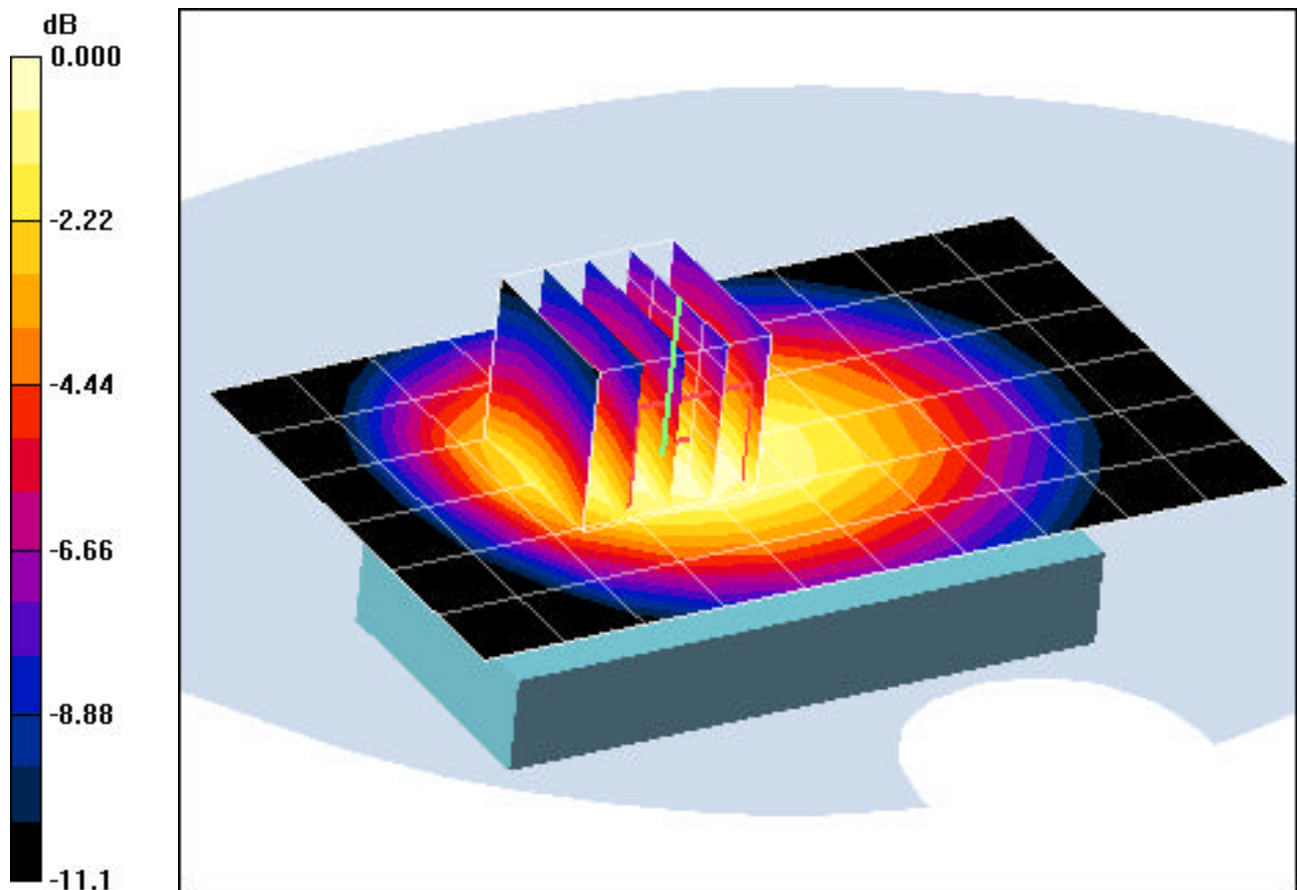
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.9 V/m

Peak SAR (extrapolated) = 0.977 W/kg

**SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.527 mW/g**



0 dB = 0.817mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: LX260; Type: Cellular/PCS CDMA Phone with Bluetooth ; SN: SAR 1**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ( $\sigma = 1.59$  mho/m,  $\epsilon_r = 54.12$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section: Space: 2.0 cm

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3589; ConvF(6.79, 6.79, 6.79); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1403

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## **PCS CDMA, Body SAR, Backside, Mid .ch, Standard Battery**

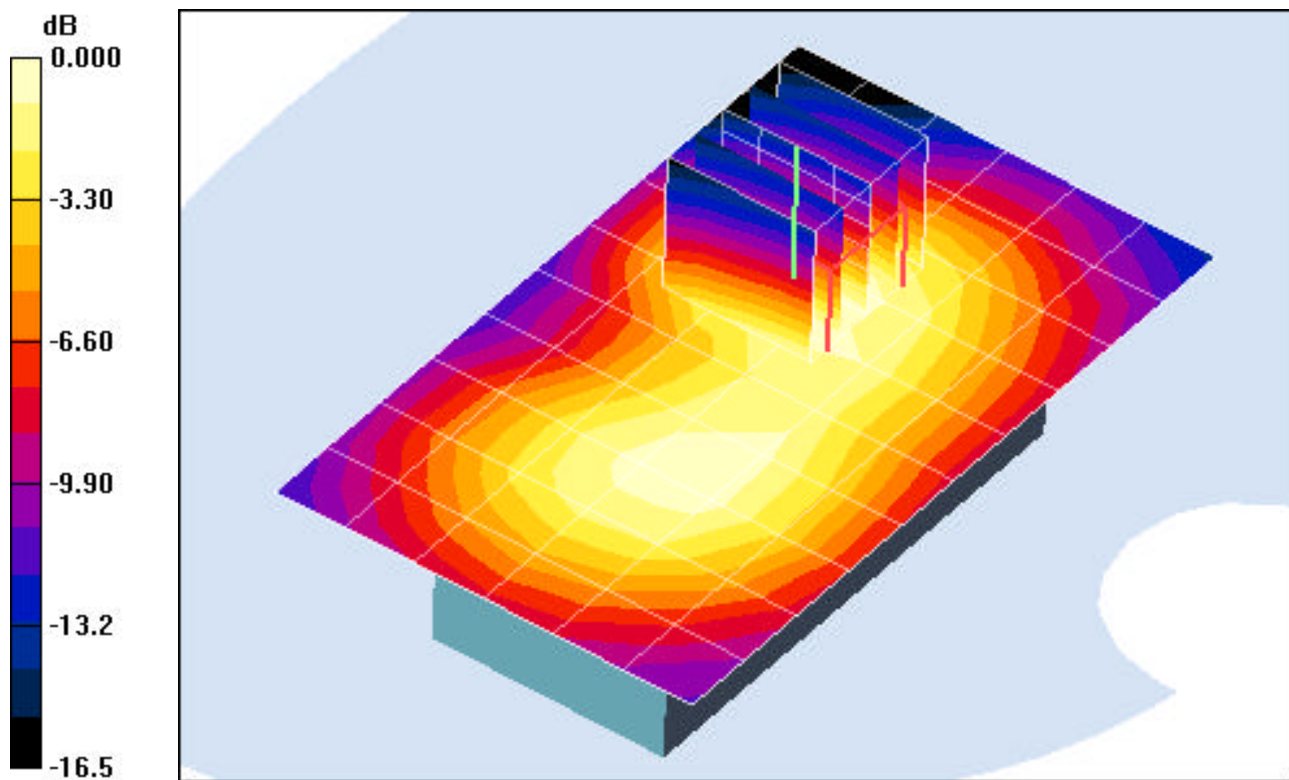
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 0.727 W/kg

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.263 mW/g**



0 dB = 0.520mW/g

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Medium: 835 Brain ( $\sigma = 0.92$  mho/m,  $\epsilon_r = 42.15$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 7-11-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3550; ConvF(7.98, 7.98, 7.98); Calibrated: 1/22/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: CDMA, Right Head, Touch, Mid.ch, Standard Battery**

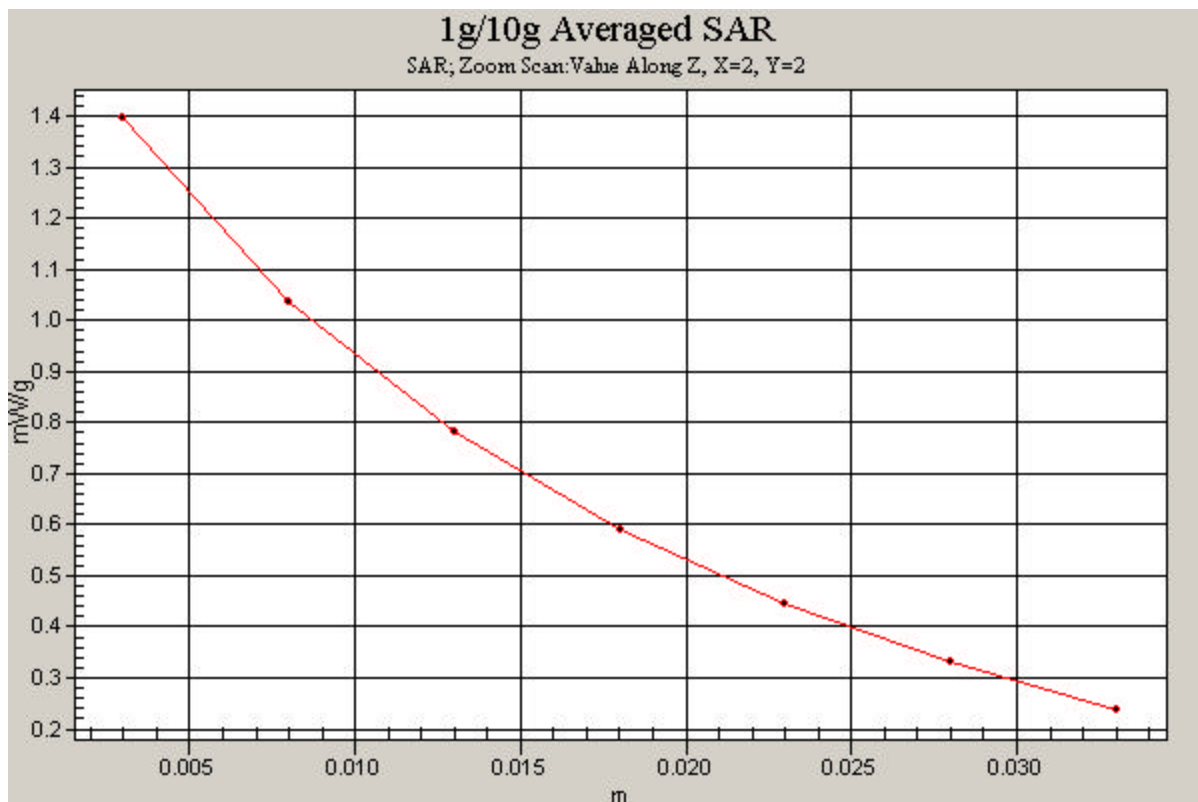
**Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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Peak SAR (extrapolated) = 1.66 W/kg

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Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ( $\sigma = 1.42$  mho/m,  $\epsilon_r = 40.68$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.71, 6.71, 6.71); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## PCS CDMA, Right Head, Touch, High.ch, Standard Battery

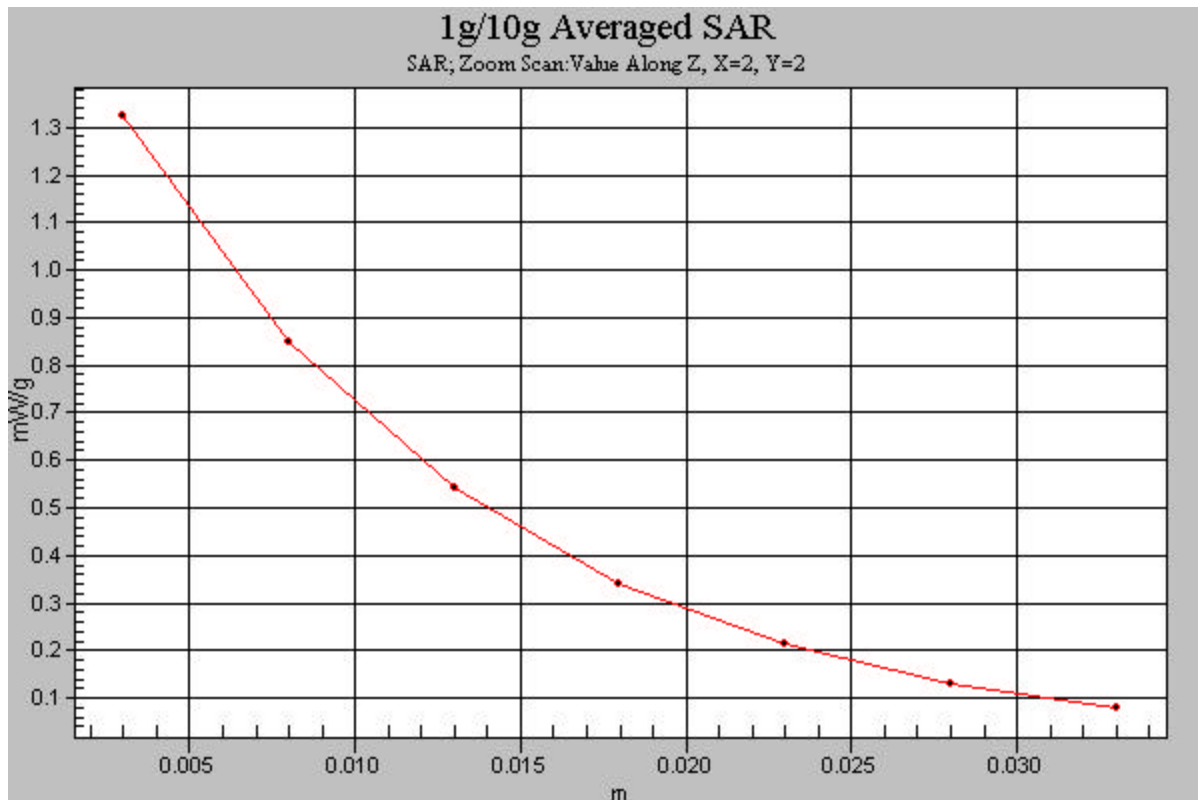
**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.7 V/m

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.655 mW/g**



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Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ( $\sigma = 1.59$  mho/m,  $\epsilon_r = 54.12$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section: Space: 2.0 cm

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3589; ConvF(6.79, 6.79, 6.79); Calibrated: 5/28/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1403

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## PCS CDMA, Body SAR, Backside, Mid .ch, Standard Battery

**Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 0.727 W/kg

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.263 mW/g**

