

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-03-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.0991, Ant.Out, Standard Battery**

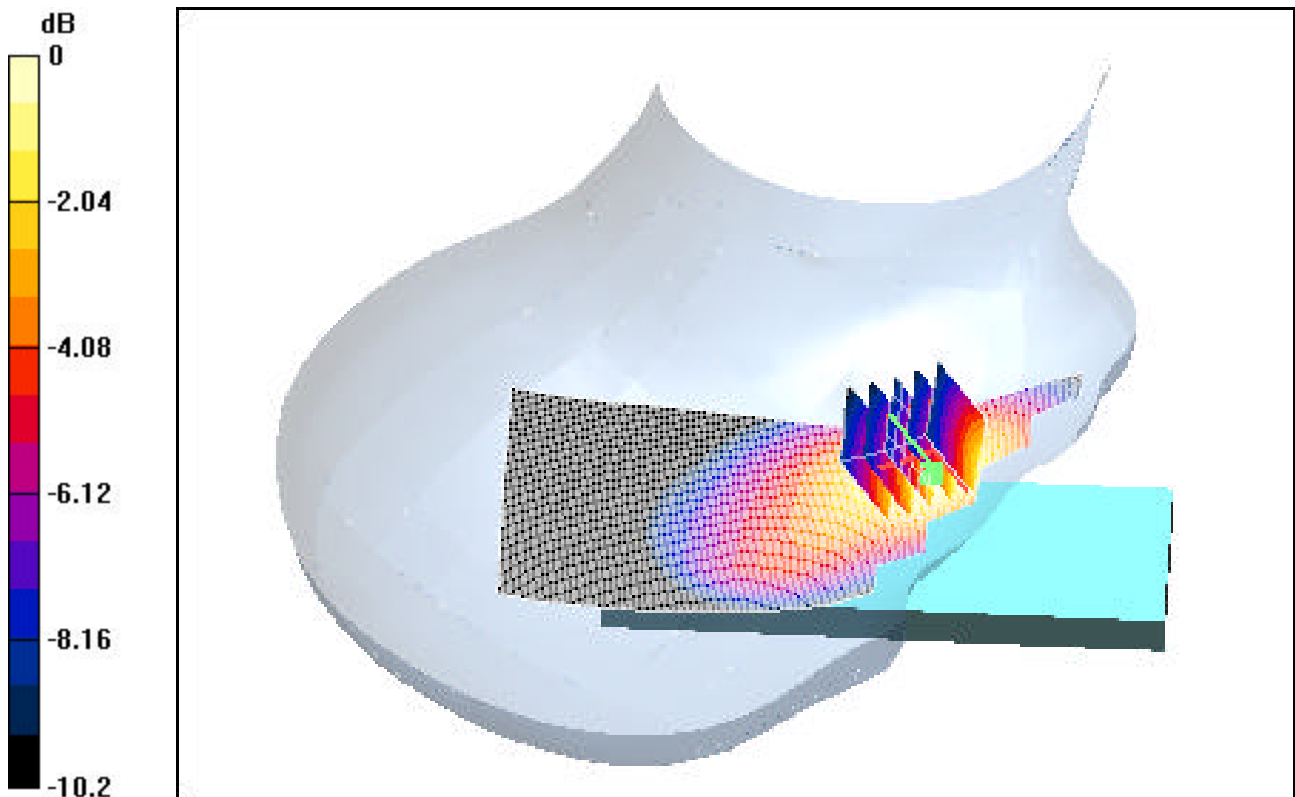
**Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.908 mW/g**

Reference Value = 12.1 V/m



0 dB = 1.63mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

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

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-03-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## **Tilt, Ch.0383, Ant.In, Standard Battery**

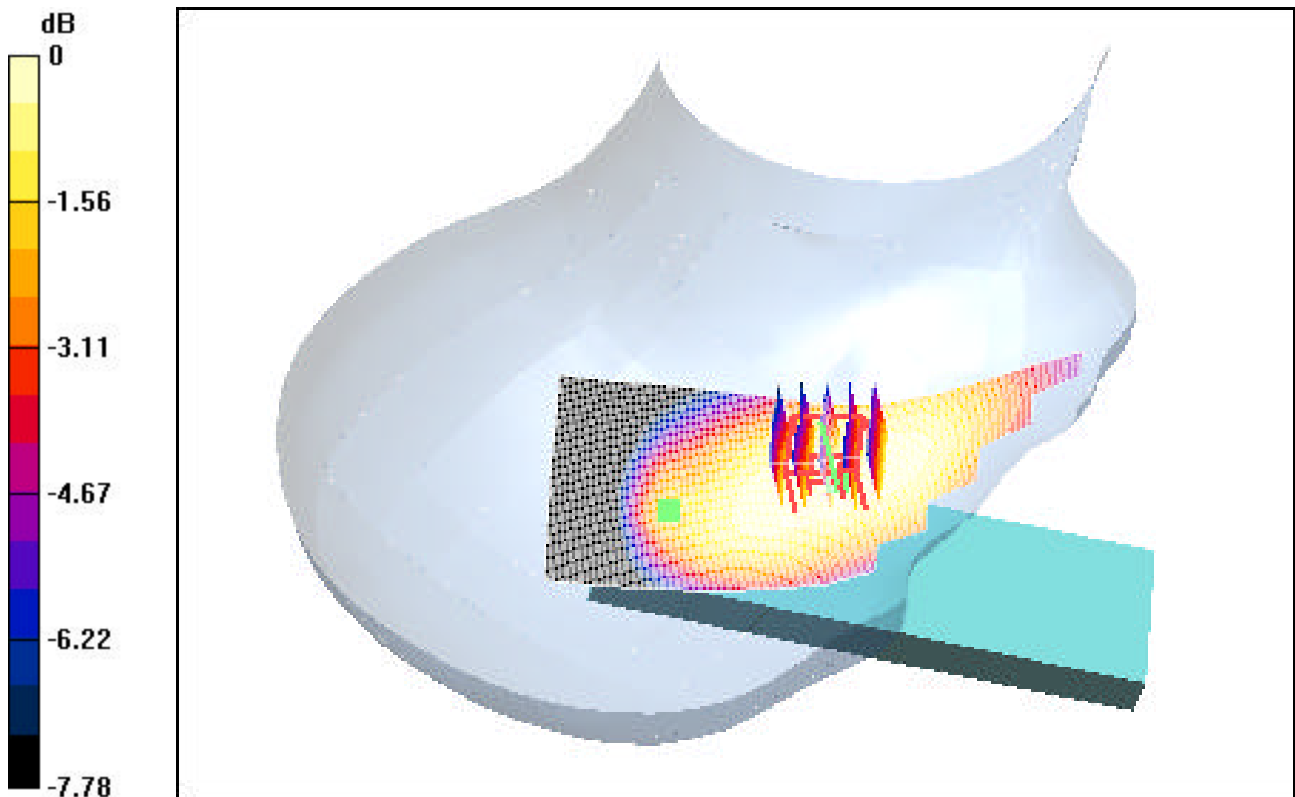
**Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.168 mW/g**

Reference Value = 11.1 V/m



0 dB = 0.237mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

Communication System: AMPS; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 05-03-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.0799, Ant.In, Standard Battery**

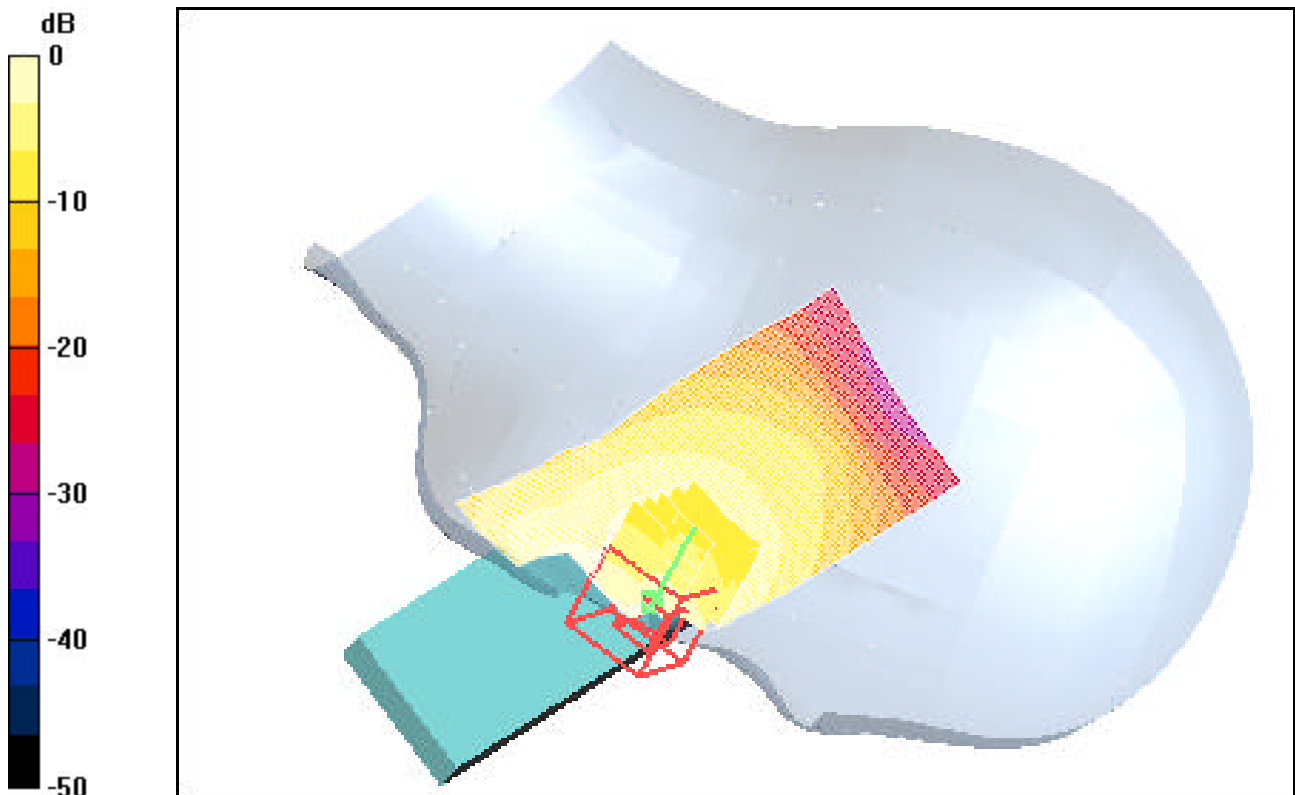
**Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.764 mW/g**

Reference Value = 10.6 V/m



0 dB = 1.27mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

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

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 05-03-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## **Tilt, Ch.0383, Ant.In, Standard Battery**

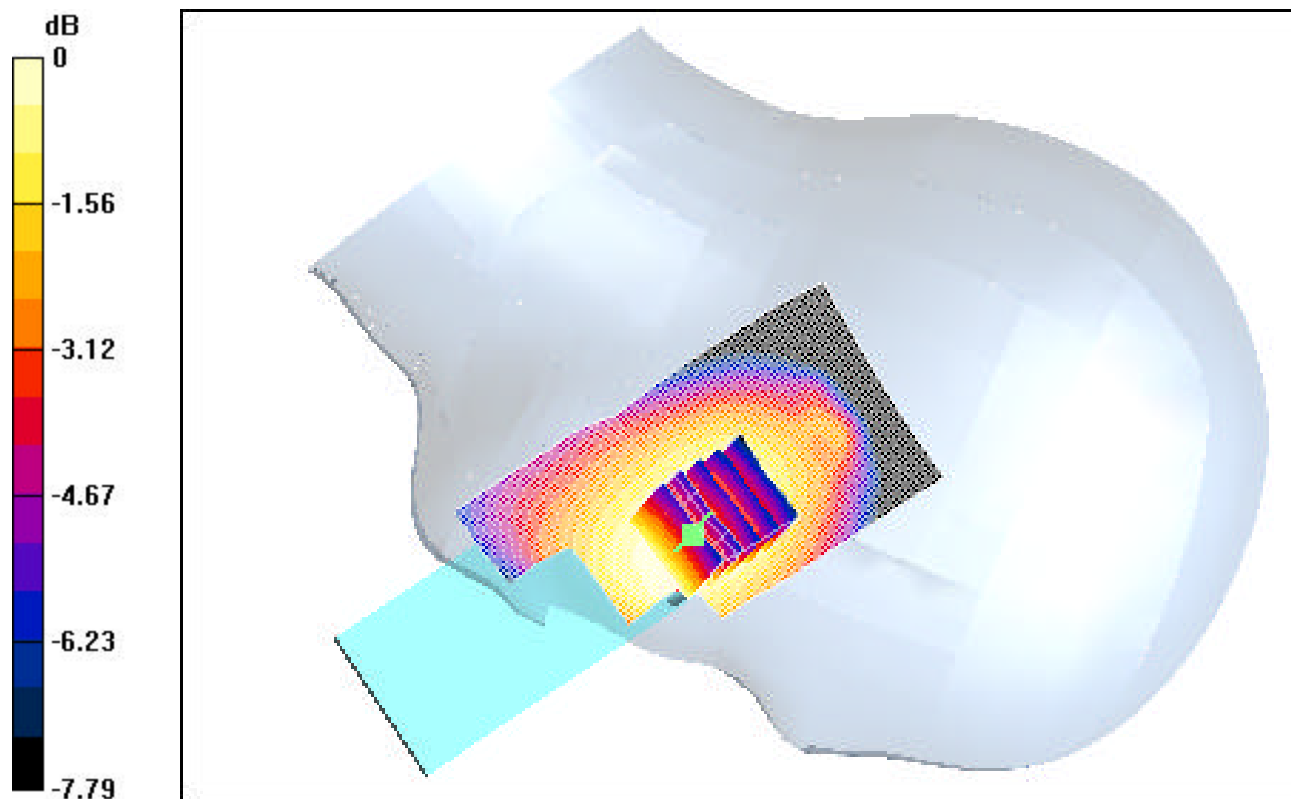
**Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.290 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.183 mW/g**

Reference Value = 10.9 V/m



0 dB = 0.255mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-06-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.1013, Ant.Out, Standard Battery**

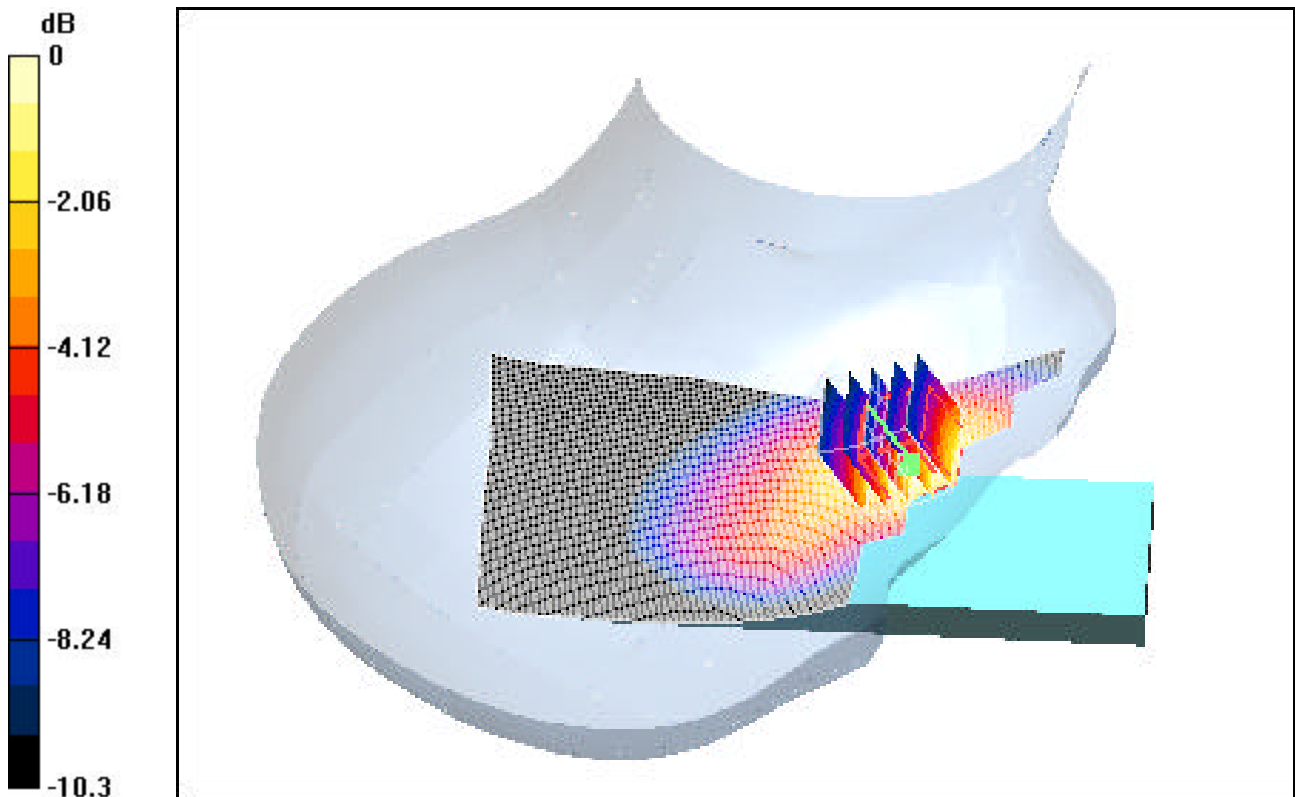
**Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.631 mW/g**

Reference Value = 10.2 V/m



0 dB = 1.13mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: Cellular CDMA; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-06-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## **Tilt, Ch.0383, Ant.In, Standard Battery**

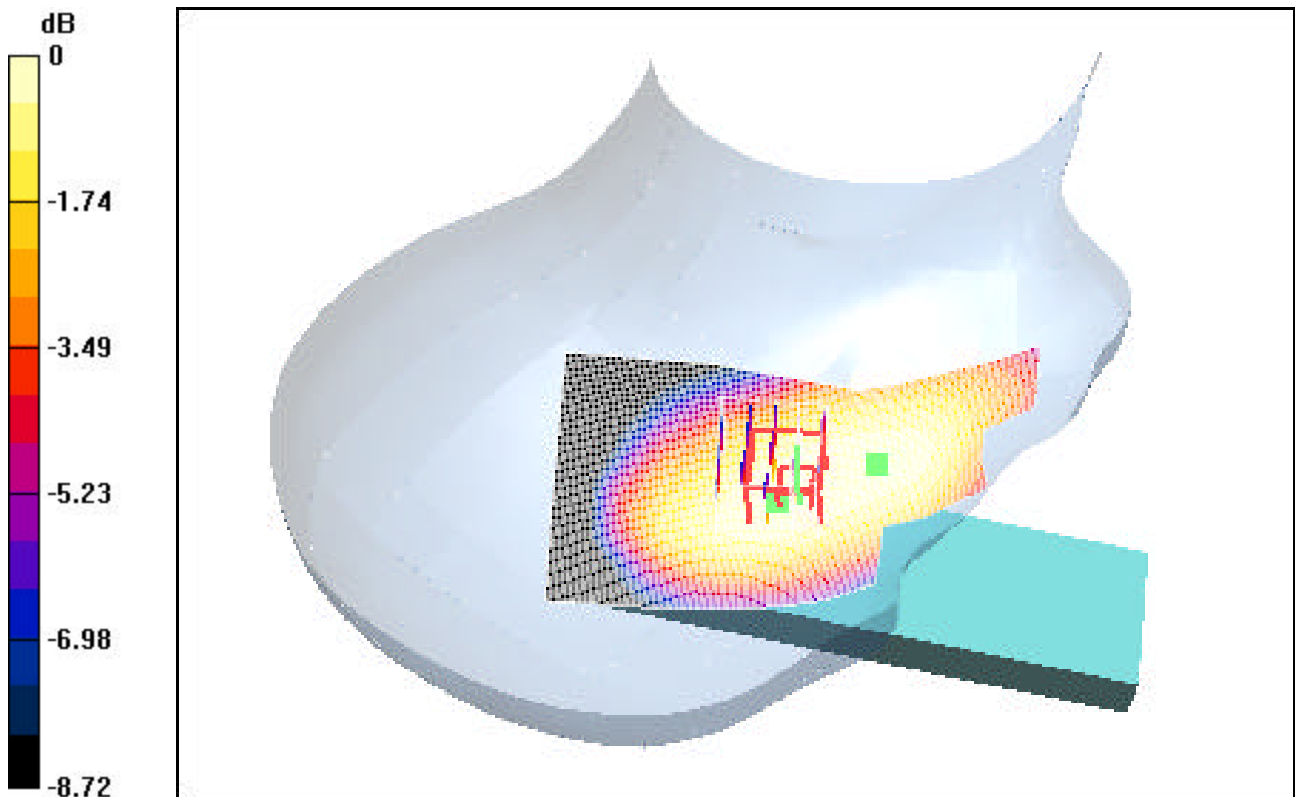
**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.211 W/kg

**SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.131 mW/g**

Reference Value = 10.4 V/m



0 dB = 0.185mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: Cellular CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 05-06-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.0777, Ant.In, Standard Battery**

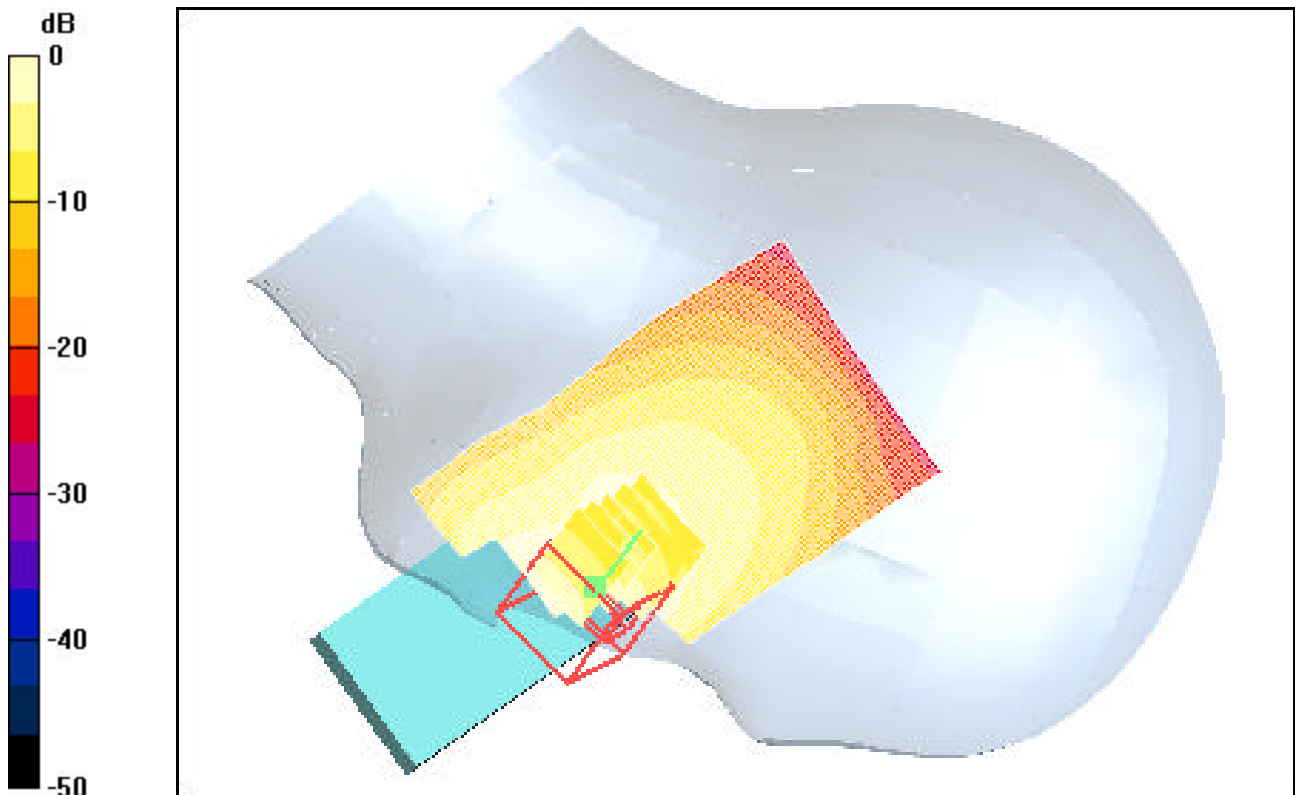
**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.639 mW/g**

Reference Value = 9.54 V/m



0 dB = 0.966mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: Cellular CDMA; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 05-06-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Tilt, Ch.0383, Ant.In, Standard Battery**

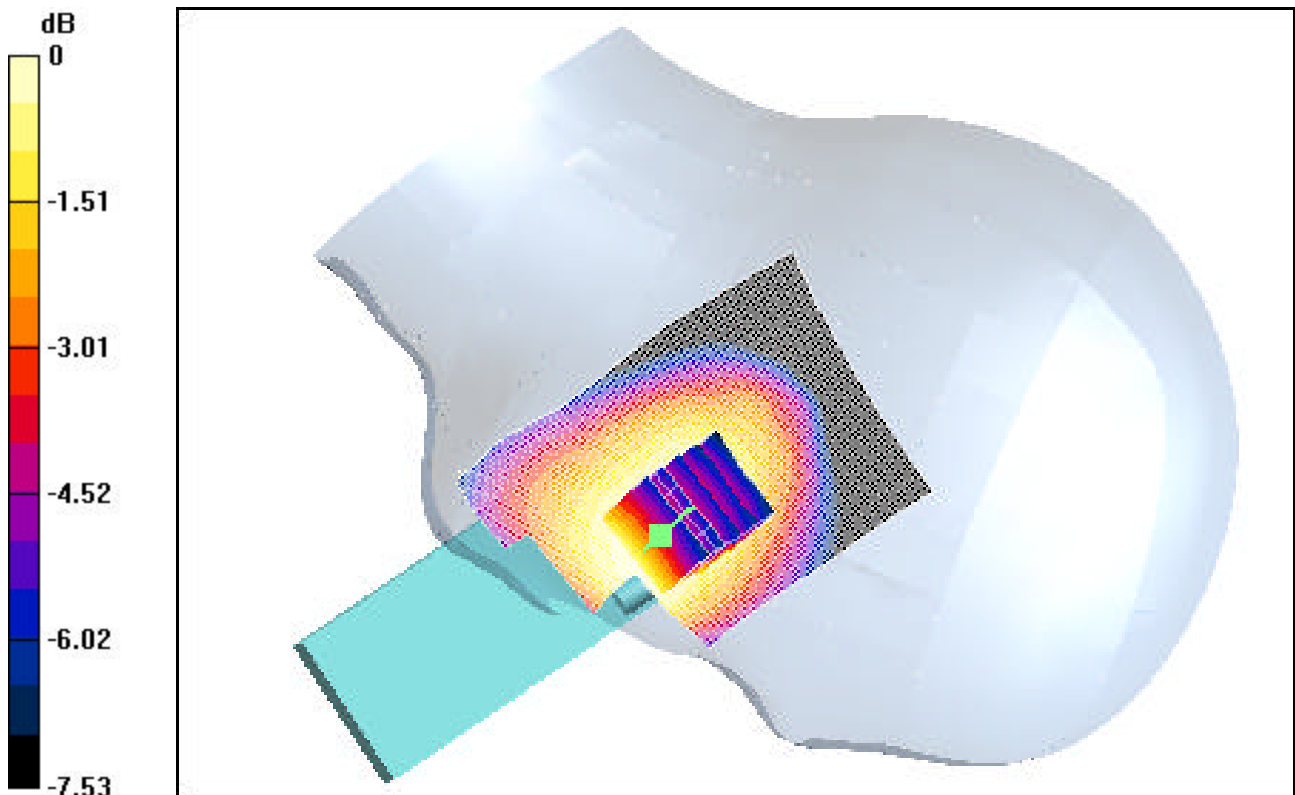
**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.138 mW/g**

Reference Value = 10.4 V/m



0 dB = 0.197mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.1175, Ant.In, Standard Battery**

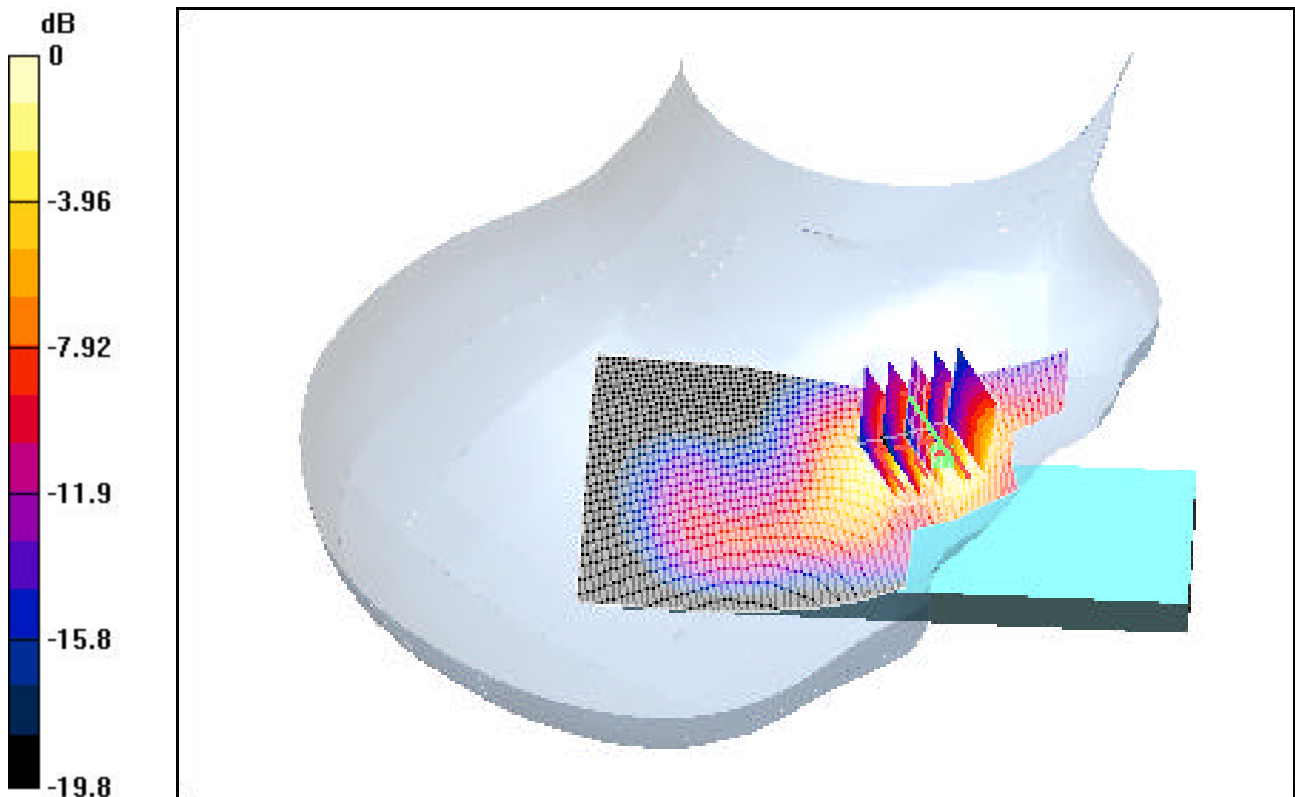
**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.505 mW/g**

Reference Value = 6.85 V/m



0 dB = 1.16mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Tilt, Ch.0600, Ant.Out, Standard Battery**

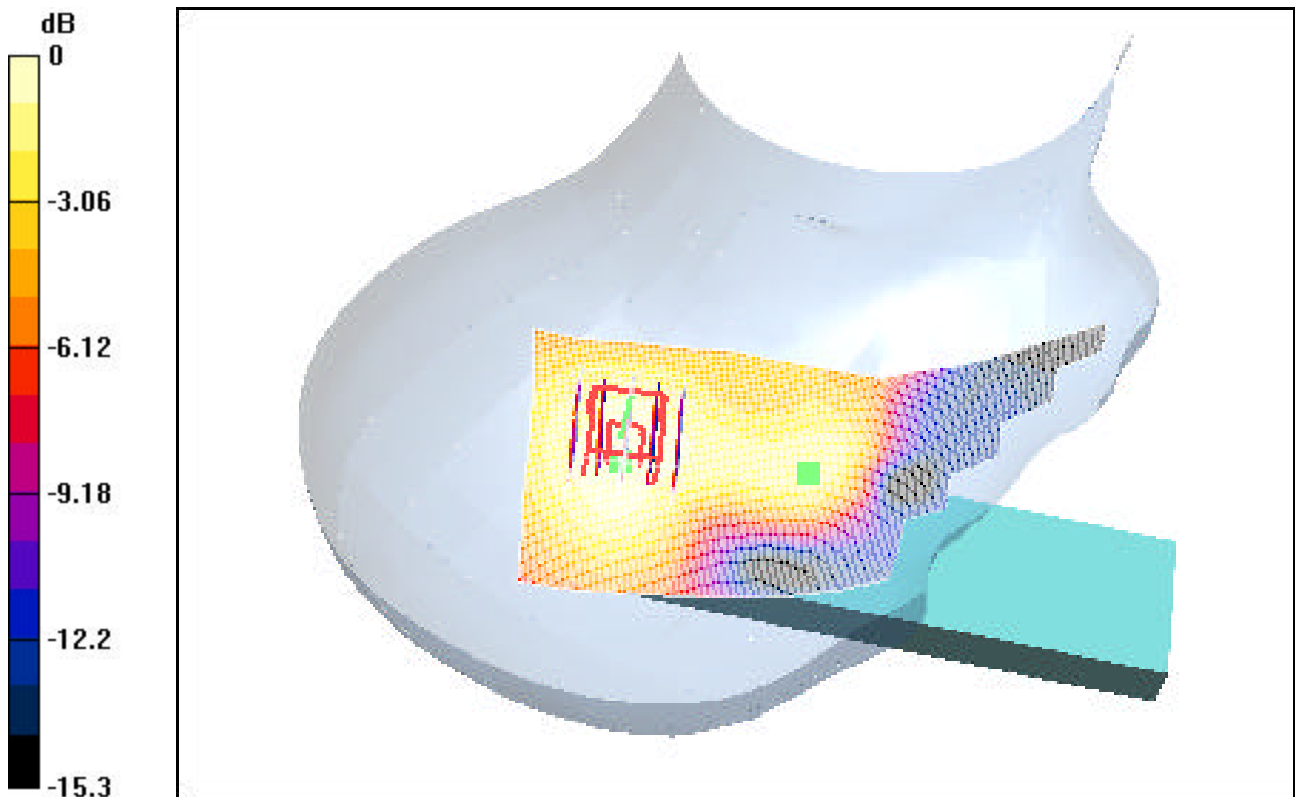
**Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.187 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.075 mW/g**

Reference Value = 9.43 V/m



0 dB = 0.138mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 05-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.0600, Ant.In, Standard Battery**

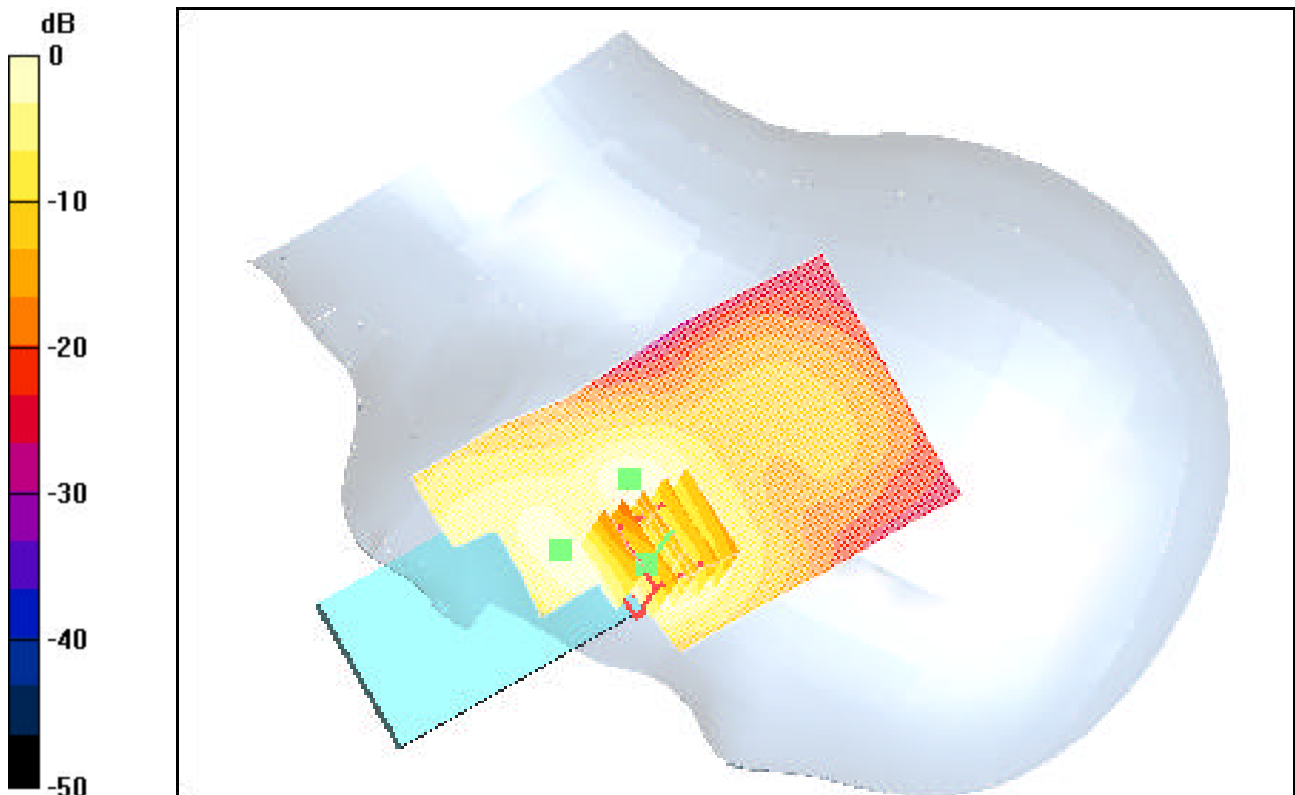
**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.5 W/kg

**SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.490 mW/g**

Reference Value = 7.66 V/m



0 dB = 1.08mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

Test Date: 05-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Tilt, Ch.0600, Ant.Out, Standard Battery**

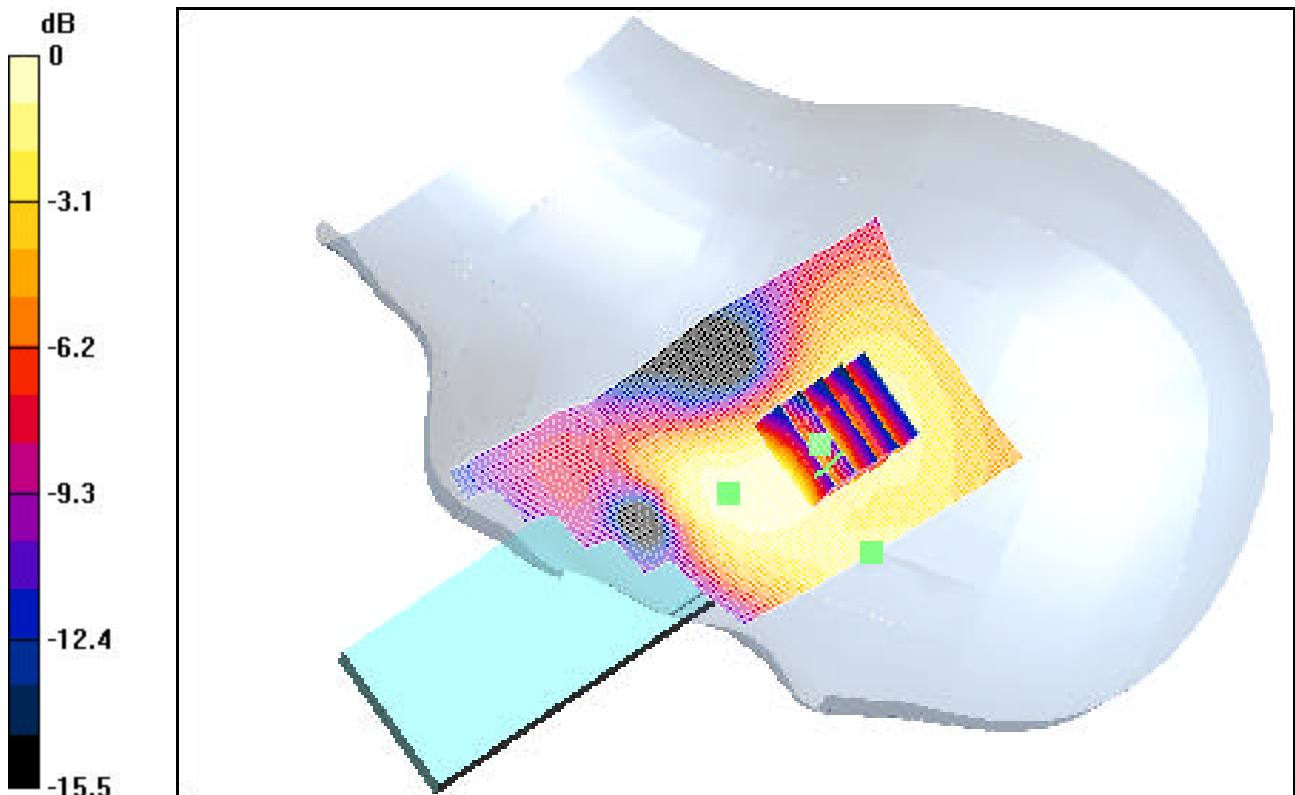
**Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.095 mW/g**

Reference Value = 10.4 V/m



0 dB = 0.177mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ( $\sigma = 0.98$  mho/m,  $\epsilon_r = 55.26$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.2 cm

Test Date: 05-05-2004; Ambient Temp: 23.0°C; Tissue Temp: 20.8°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.0991, Ant Out, Standard Battery

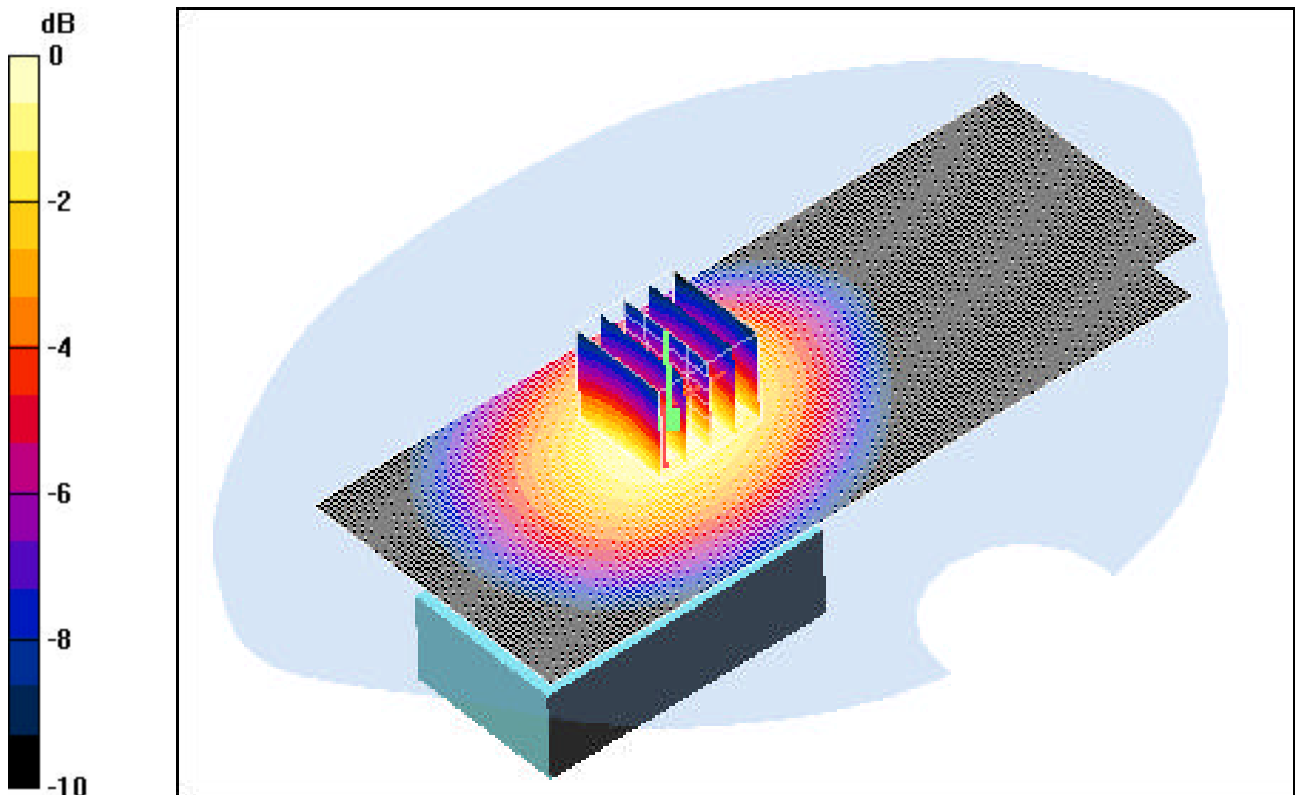
**Area Scan (61x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.661 mW/g**

Reference Value = 28.2 V/m



0 dB = 1.07mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ( $\sigma = 0.98$  mho/m,  $\epsilon_r = 55.26$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.2 cm

Test Date: 05-05-2004; Ambient Temp: 23.0°C; Tissue Temp: 20.8°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DAS4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.1013, Ant Out, Standard Battery

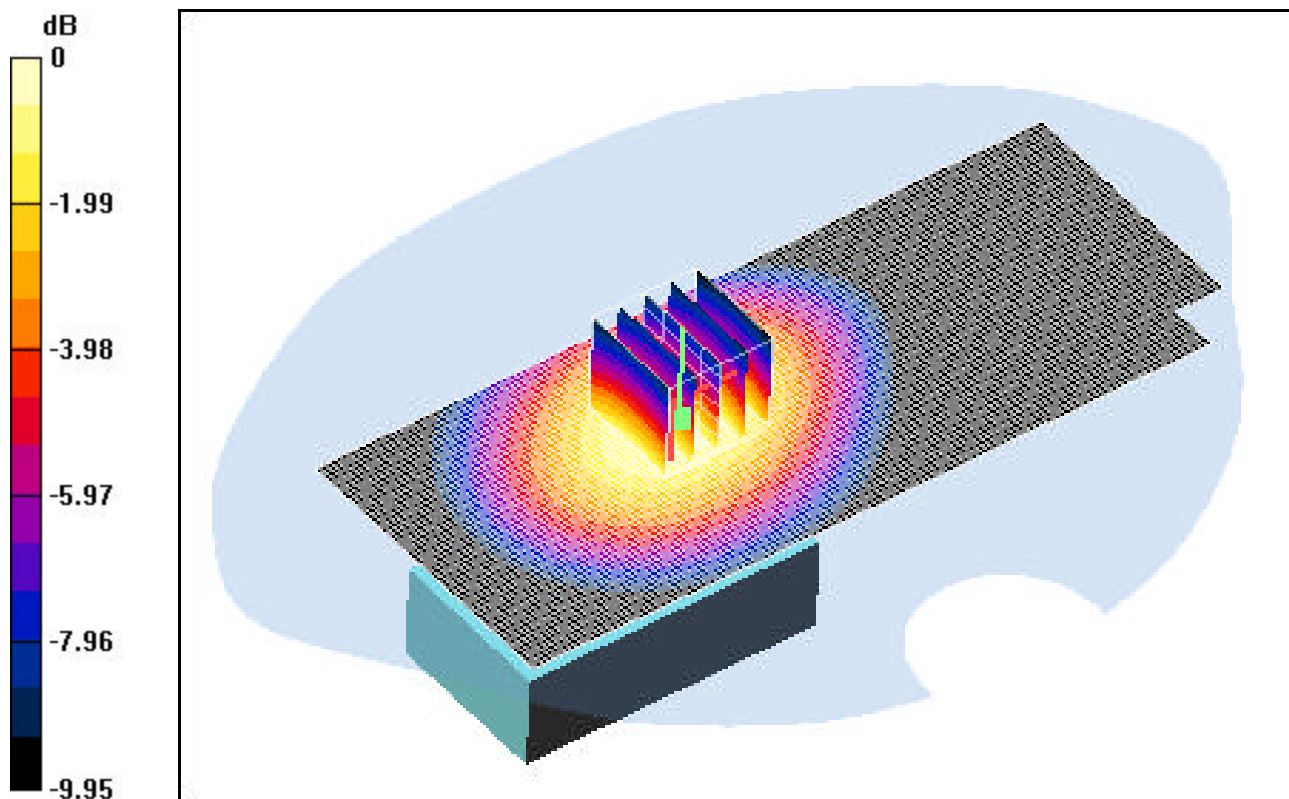
**Area Scan (61x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.532 mW/g**

Reference Value = 24.9 V/m



0 dB = 0.867mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ( $\sigma = 1.58$  mho/m,  $\epsilon_r = 51.02$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.2 cm

Test Date: 05-05-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.2°C

Probe: ES3DV2 - SN3022; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.0025, Ant Out, Standard Battery

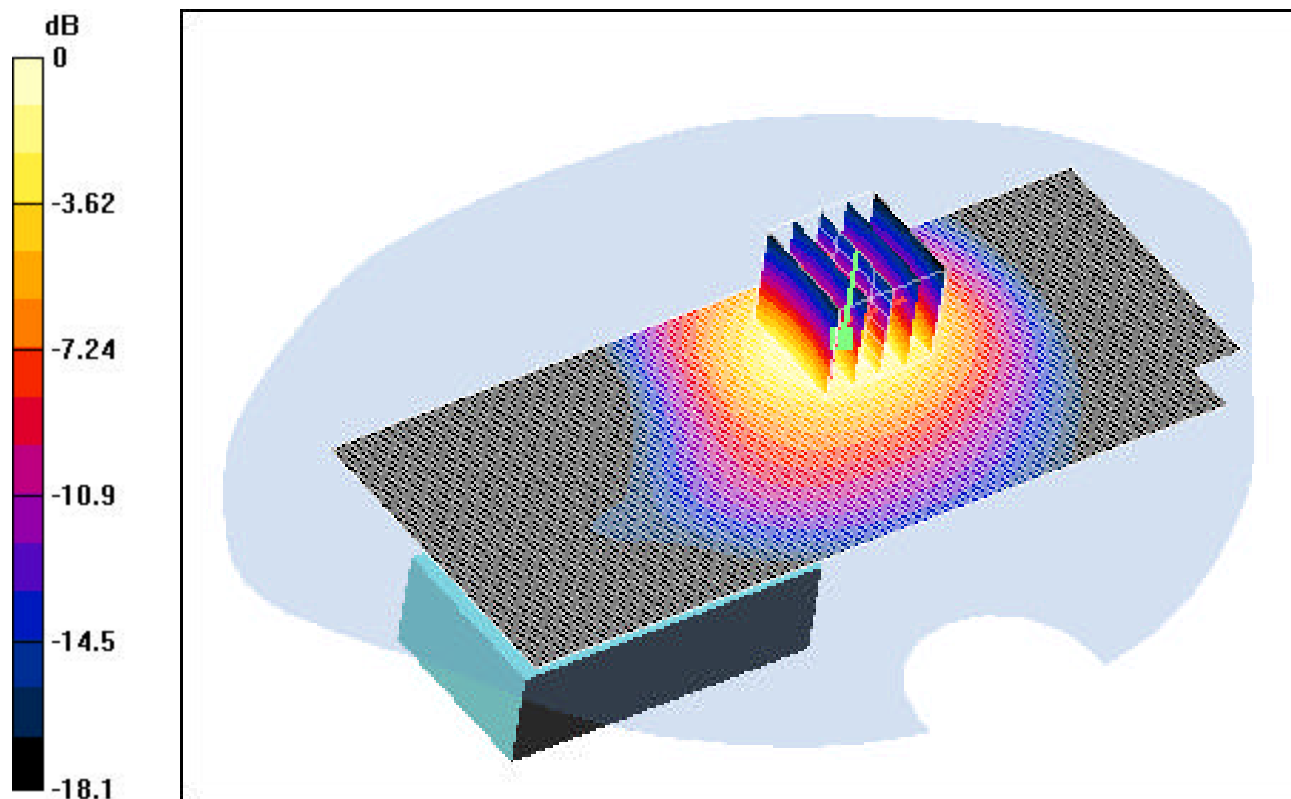
**Area Scan (61x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.644 mW/g**

Reference Value = 15.4 V/m



0 dB = 1.41mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.5 cm

Test Date: 05-06-2004; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.0600, Ant In, Standard Battery

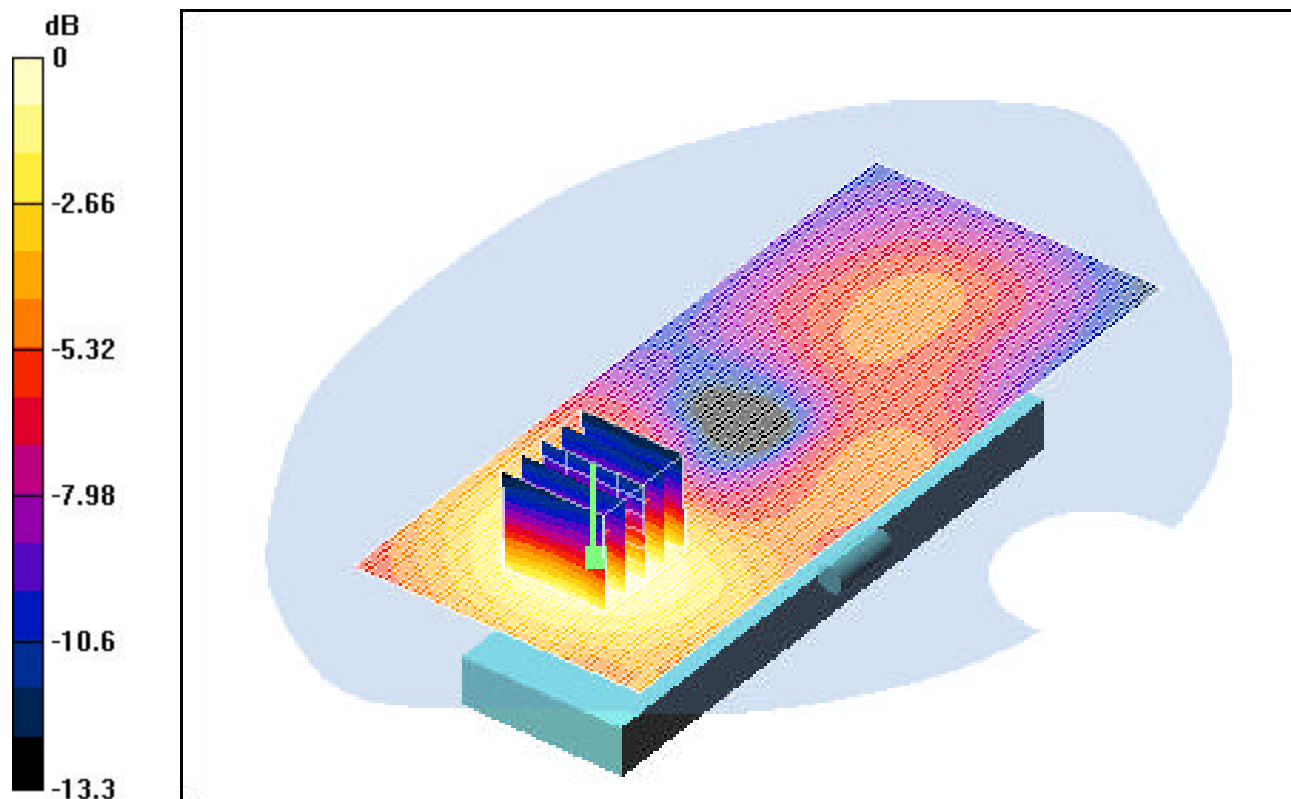
**Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.046 mW/g**

Reference Value = 1.38 V/m



0 dB = 0.085mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP -7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.5 cm

Test Date: 05-06-2004; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.0600, Ant Out, Standard Battery

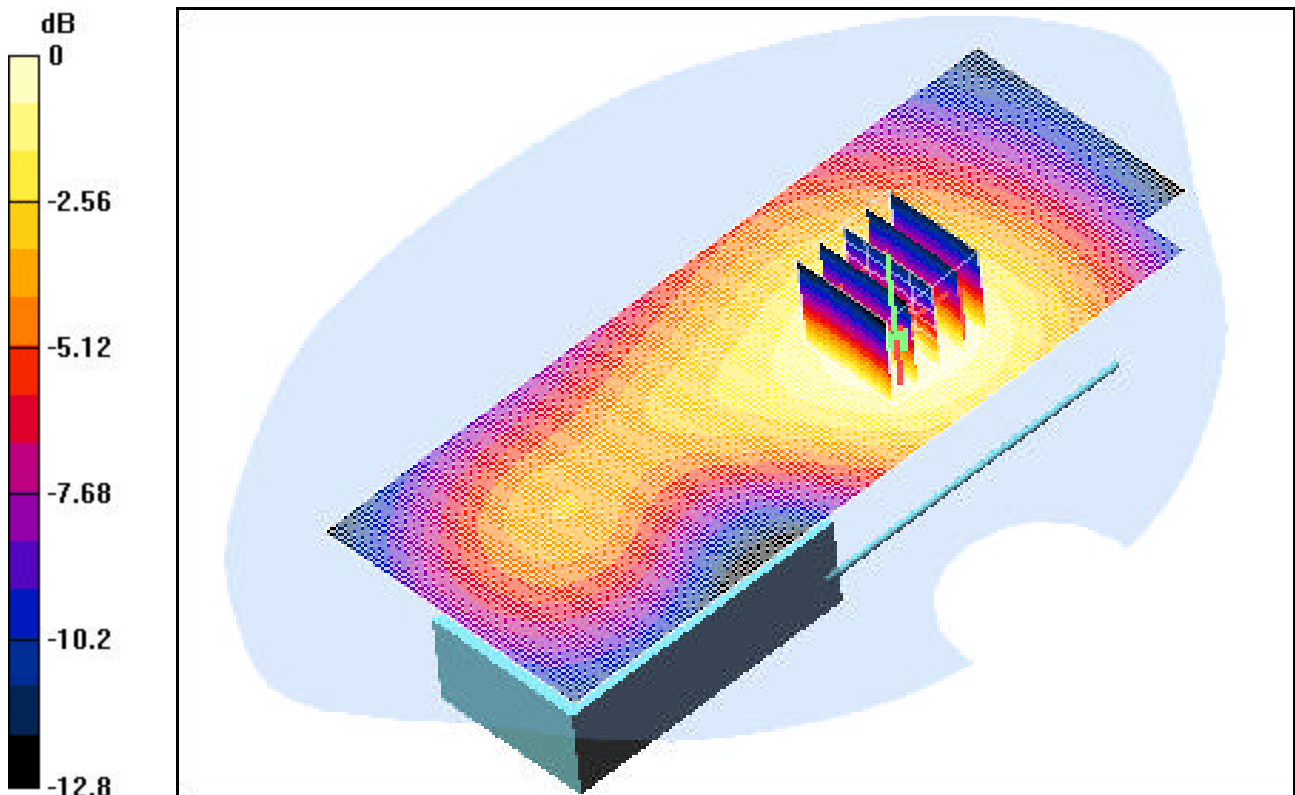
**Area Scan (61x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.112 mW/g**

Reference Value = 9.23 V/m



0 dB = 0.201mW/g

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP-7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Brain ( $\sigma = 0.90$  mho/m,  $\epsilon_r = 40.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-03-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.0991, Ant.Out, Standard Battery**

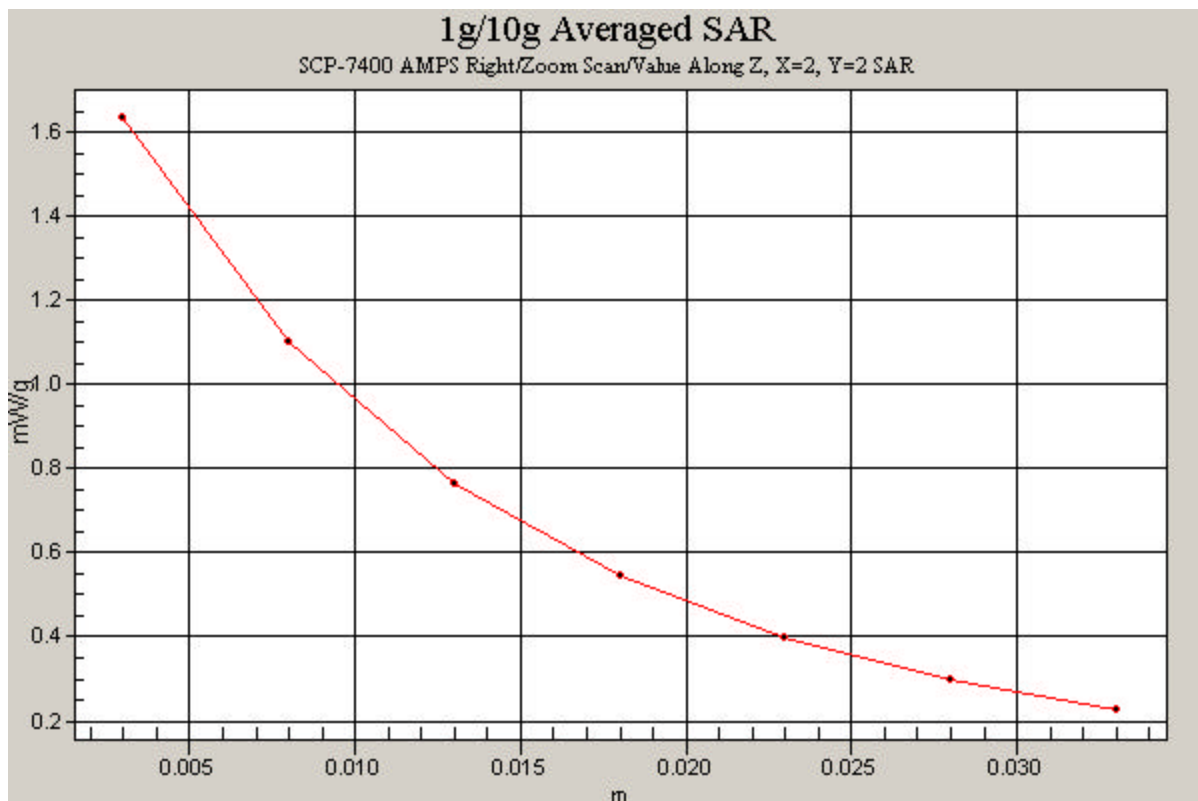
**Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.908 mW/g**

Reference Value = 12.1 V/m



# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP-7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

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

Medium: 1900 Brain ( $\sigma = 1.39$  mho/m,  $\epsilon_r = 40.88$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

Test Date: 05-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

**Touch, Ch.1175, Ant.In, Standard Battery**

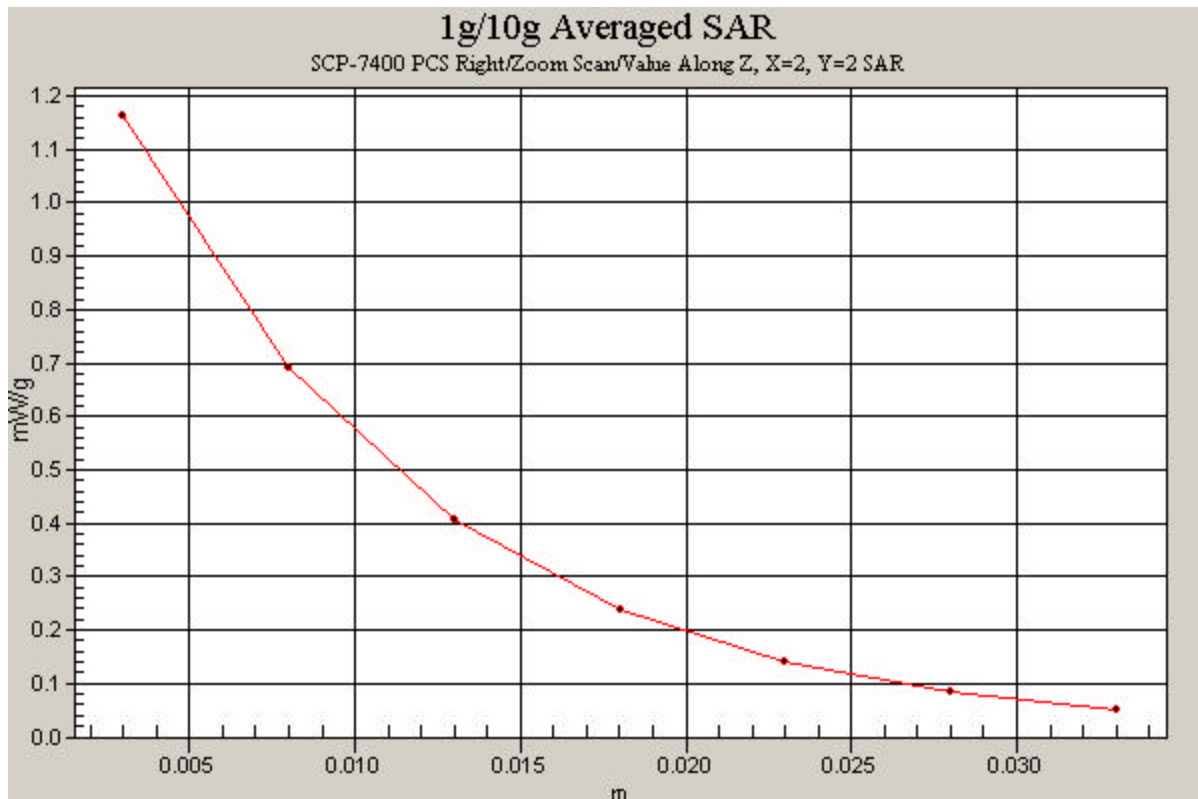
**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.505 mW/g**

Reference Value = 6.85 V/m



# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP-7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 24.5 dBm**

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ( $\sigma = 0.98$  mho/m,  $\epsilon_r = 55.26$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.2 cm

Test Date: 05-05-2004; Ambient Temp: 23.0°C; Tissue Temp: 20.8°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.0991, Ant Out, Standard Battery

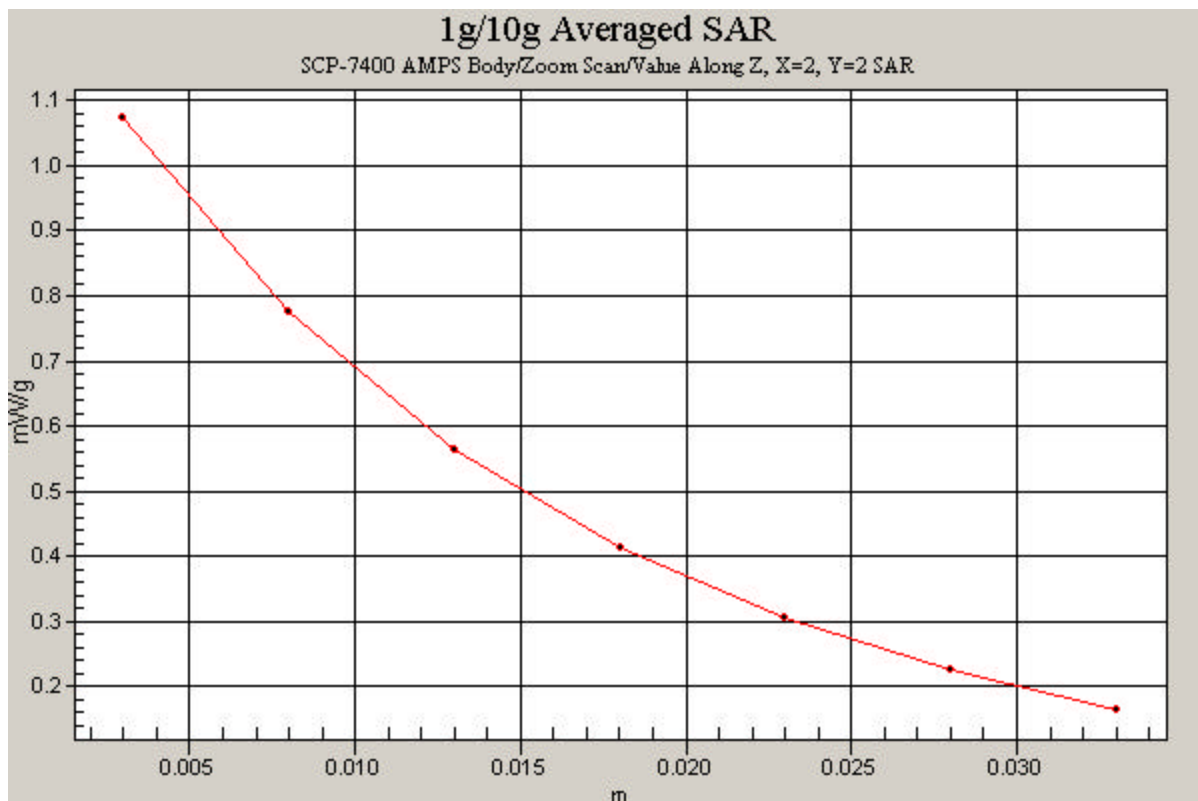
**Area Scan (61x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.661 mW/g**

Reference Value = 28.2 V/m



# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCP-7400; Type: SANYO Tri Mode Phone; Serial: FCC1; Conducted Power: 23.5 dBm**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ( $\sigma = 1.58$  mho/m,  $\epsilon_r = 51.02$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.2 cm

Test Date: 05-05-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.2°C

Probe: ES3DV2 - SN3022; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 1/6/2004

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DAS4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 93

## Ch.0025, Ant Out, Standard Battery

**Area Scan (61x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.644 mW/g**

Reference Value = 15.4 V/m

