PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

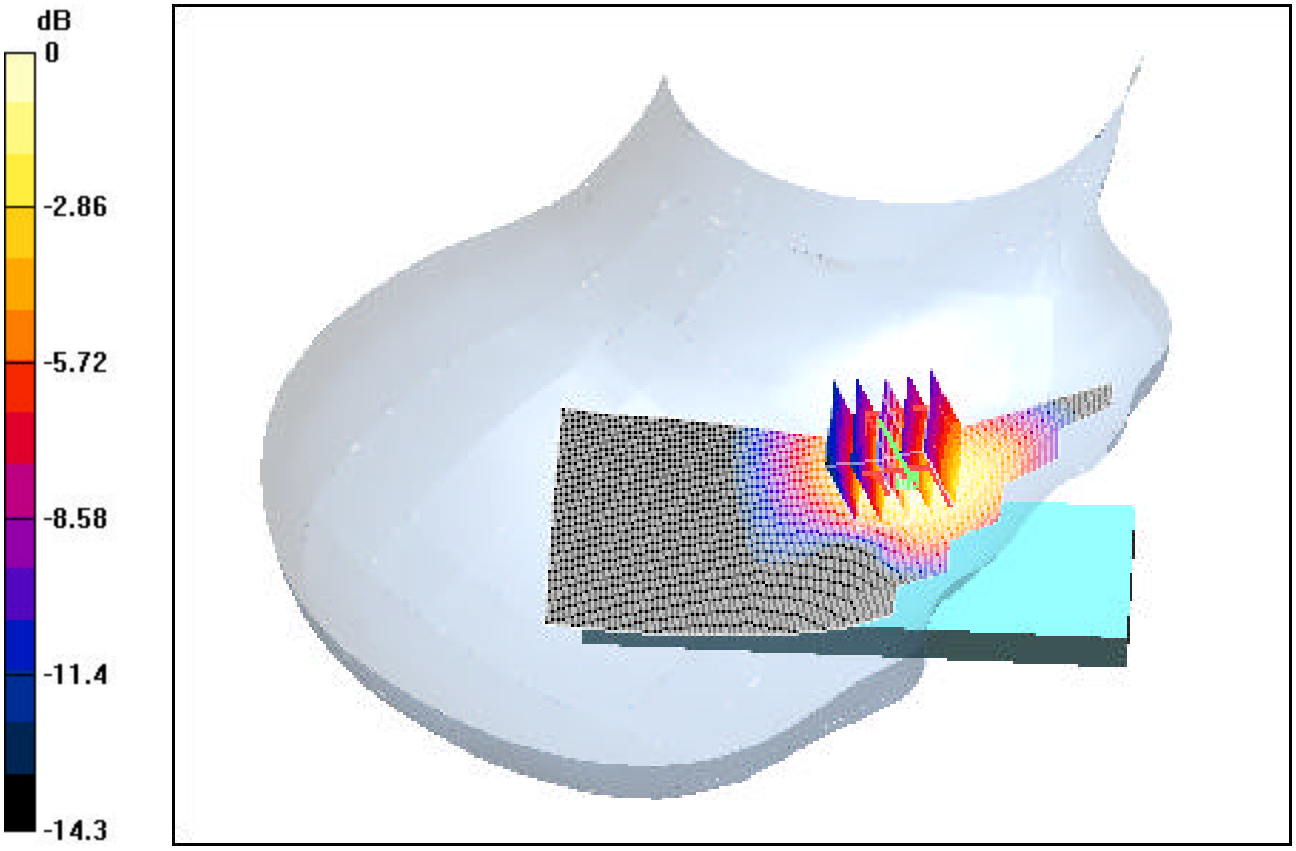
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-30-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.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) = 1.97 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.718 mW/g
Reference Value = 4.99 V/m



0 dB = 1.42mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

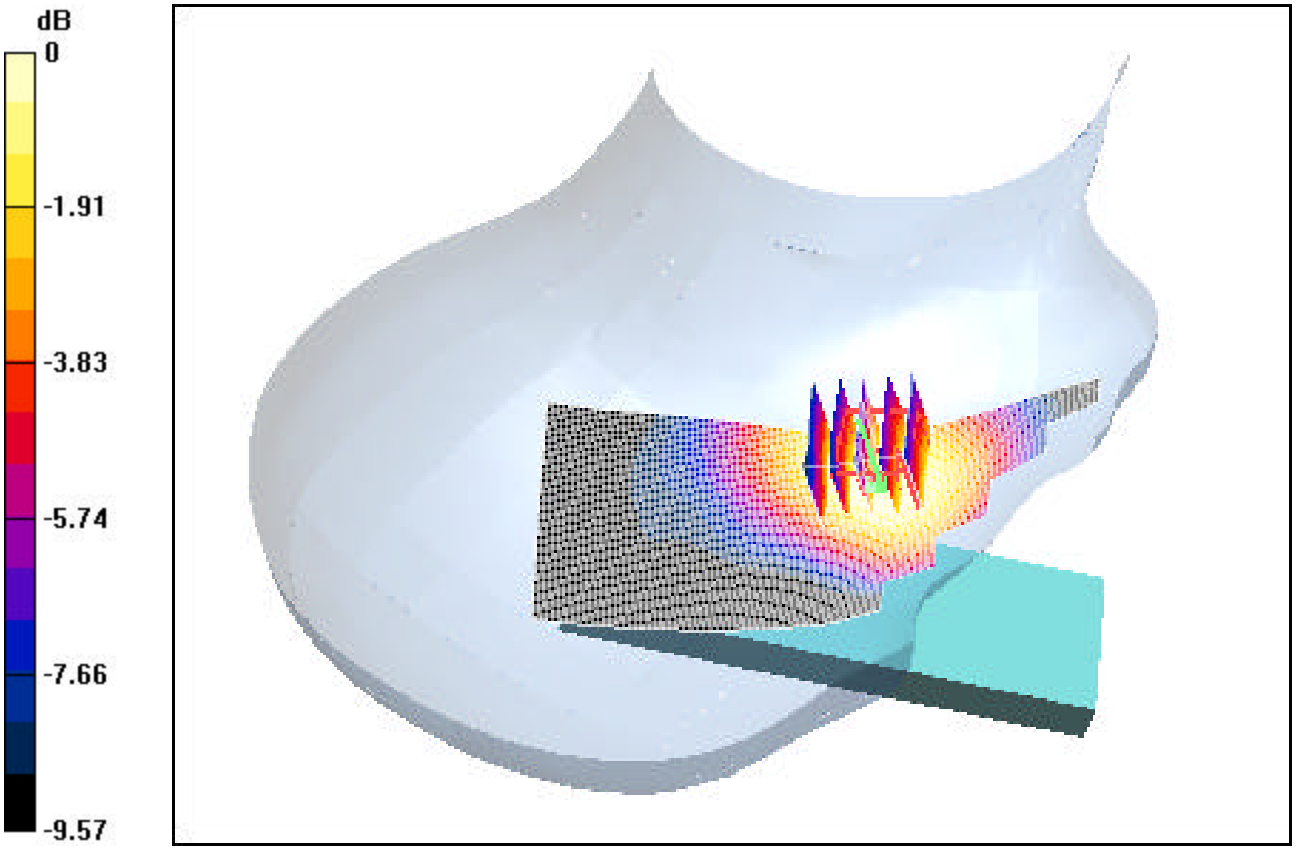
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-30-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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) = 0.246 W/kg
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.131 mW/g
Reference Value = 6.27 V/m



0 dB = 0.208mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

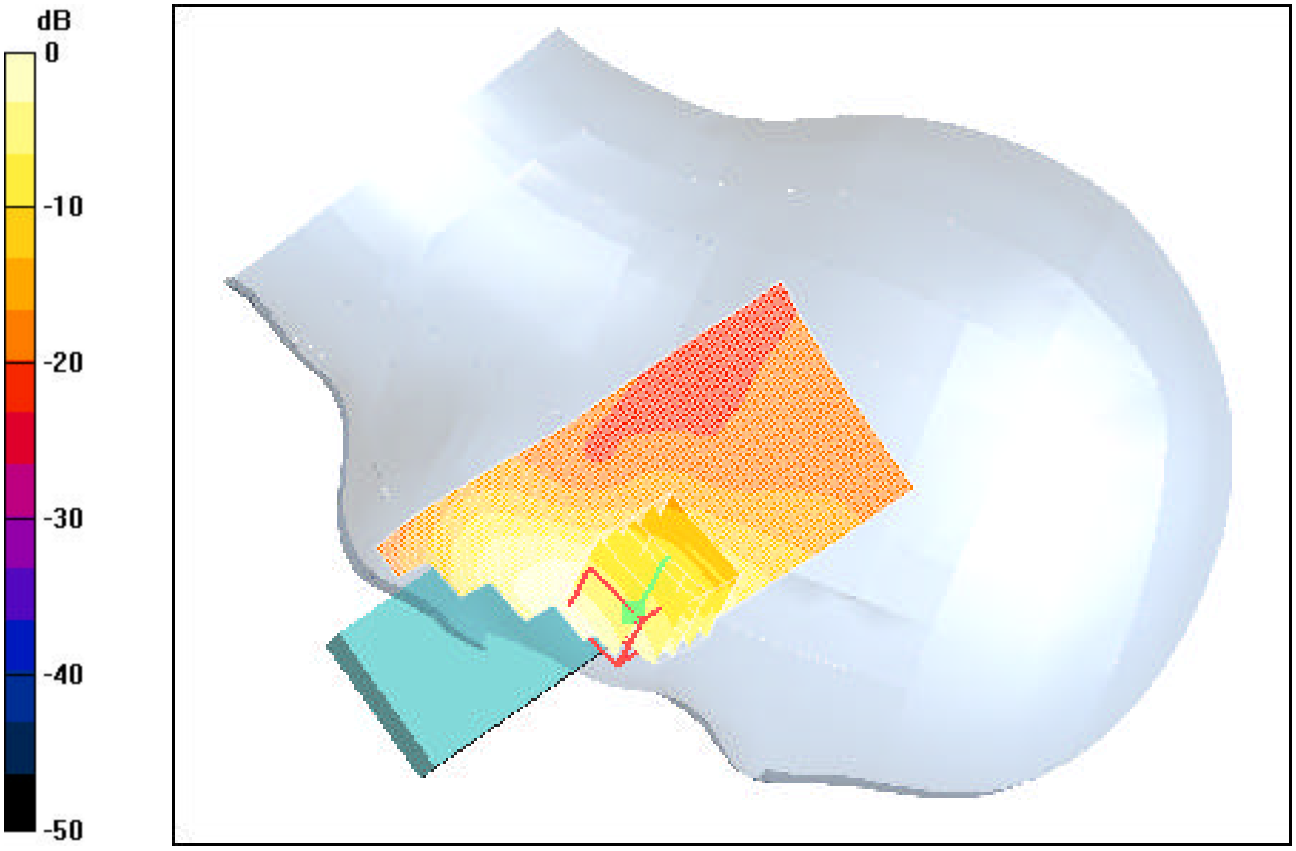
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 03-30-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.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) = 1.37 W/kg
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.570 mW/g
Reference Value = 4.44 V/m



0 dB = 1.04mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

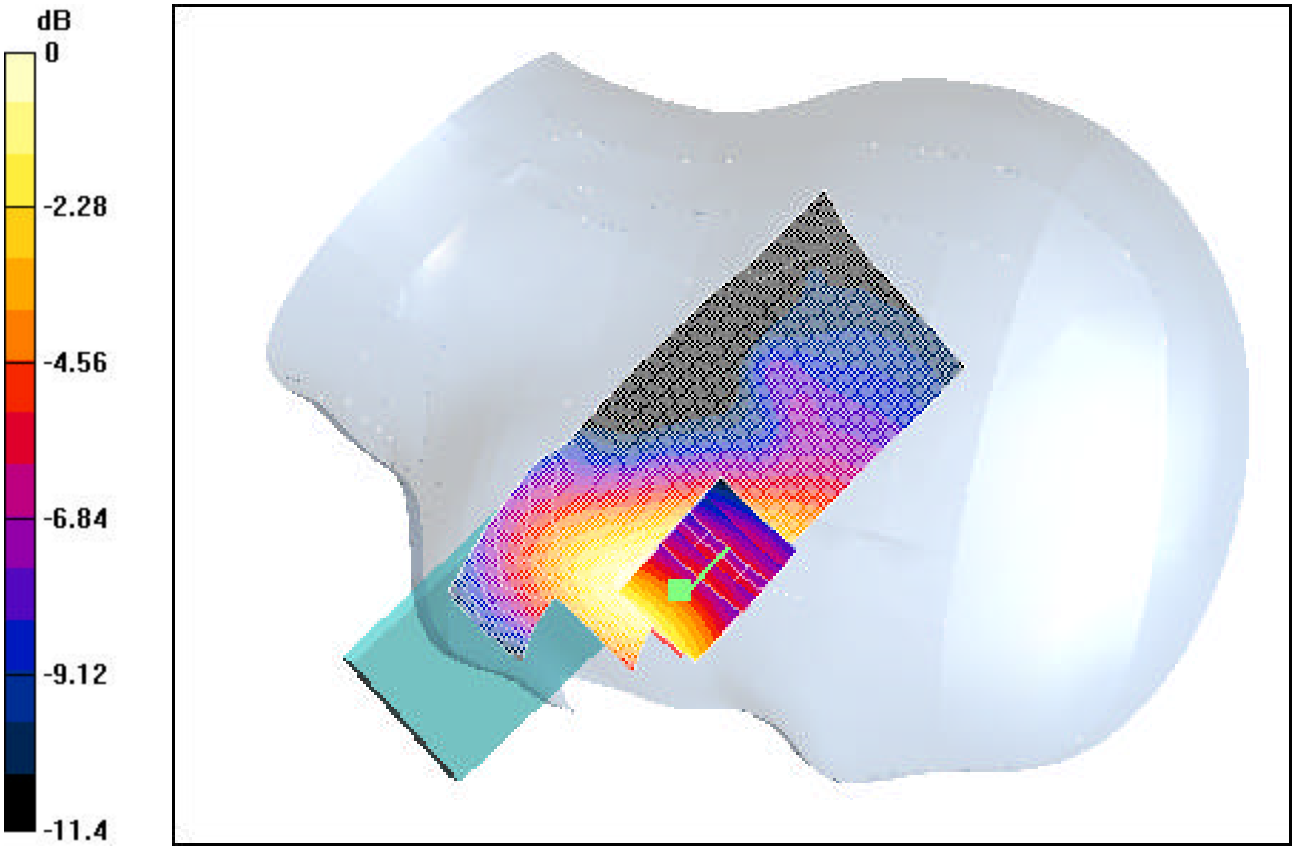
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 03-31-2004; Ambient Temp: 23.0°C; Tissue Temp: 20.8°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 (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.106 mW/g
Reference Value = 5.58 V/m



0 dB = 0.163mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

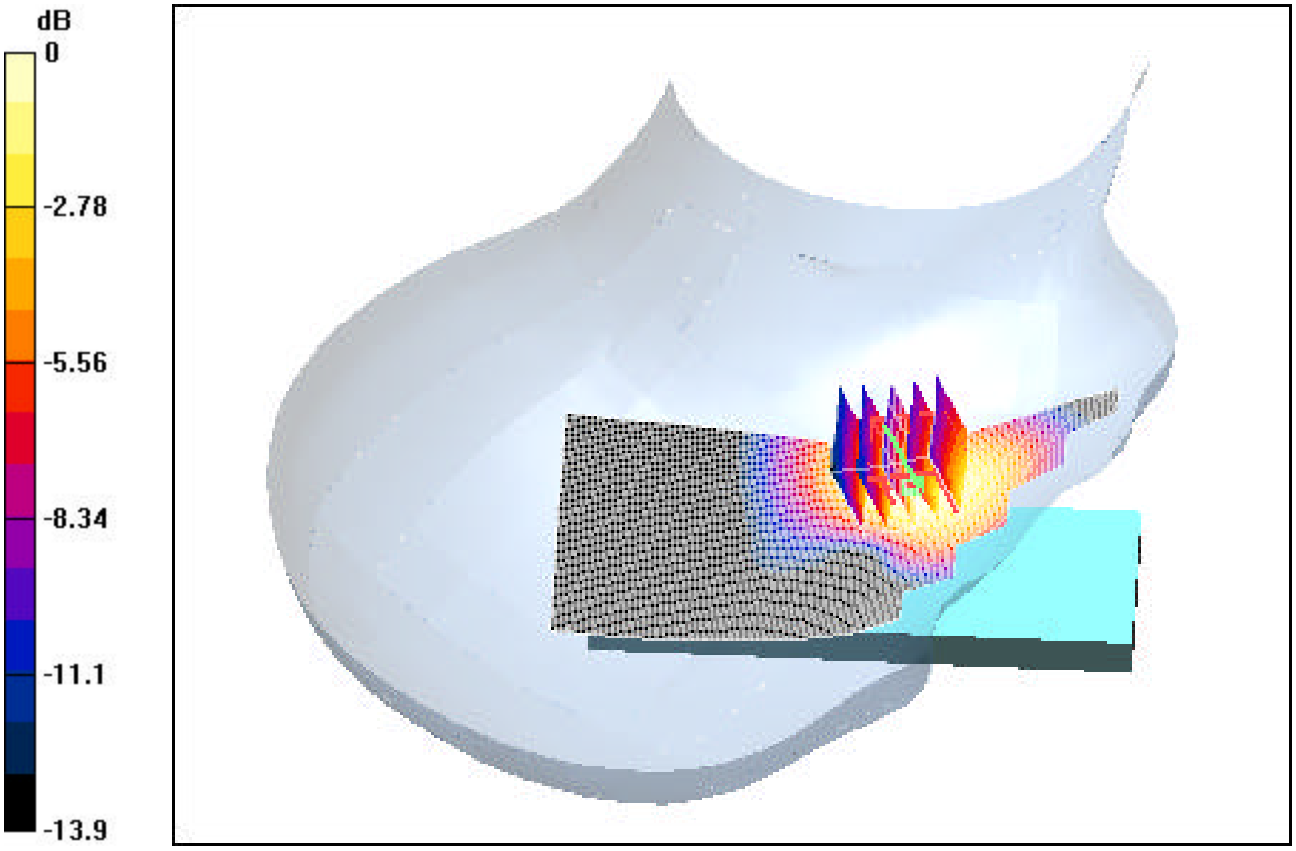
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-31-2004; Ambient Temp: 23.0°C; Tissue Temp: 20.8°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.0363, 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) = 1.37 W/kg
SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.509 mW/g
Reference Value = 4.37 V/m



0 dB = 0.997mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

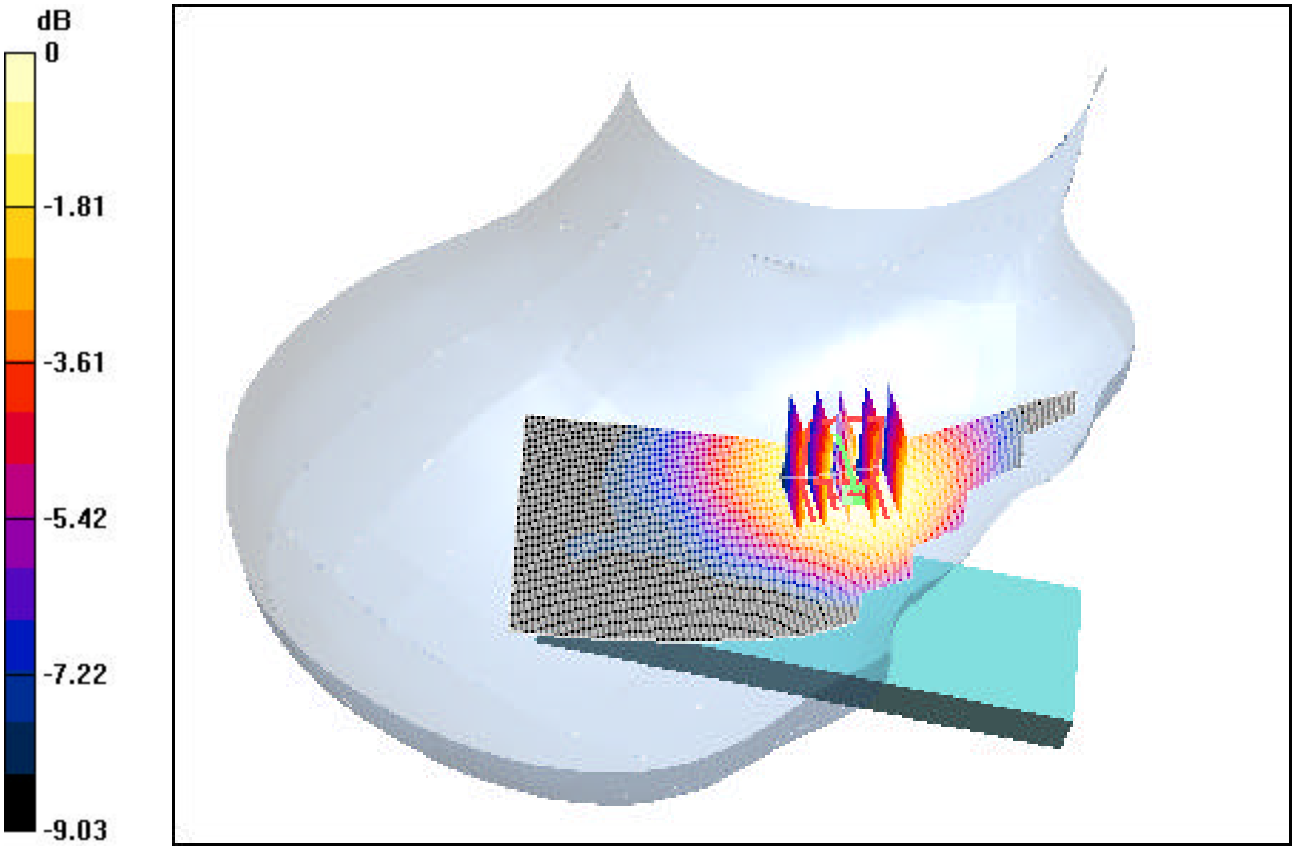
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-31-2004; Ambient Temp: 23.0°C; Tissue Temp: 20.8°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.0363, 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) = 0.177 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.096 mW/g
Reference Value = 5.56 V/m



0 dB = 0.150mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

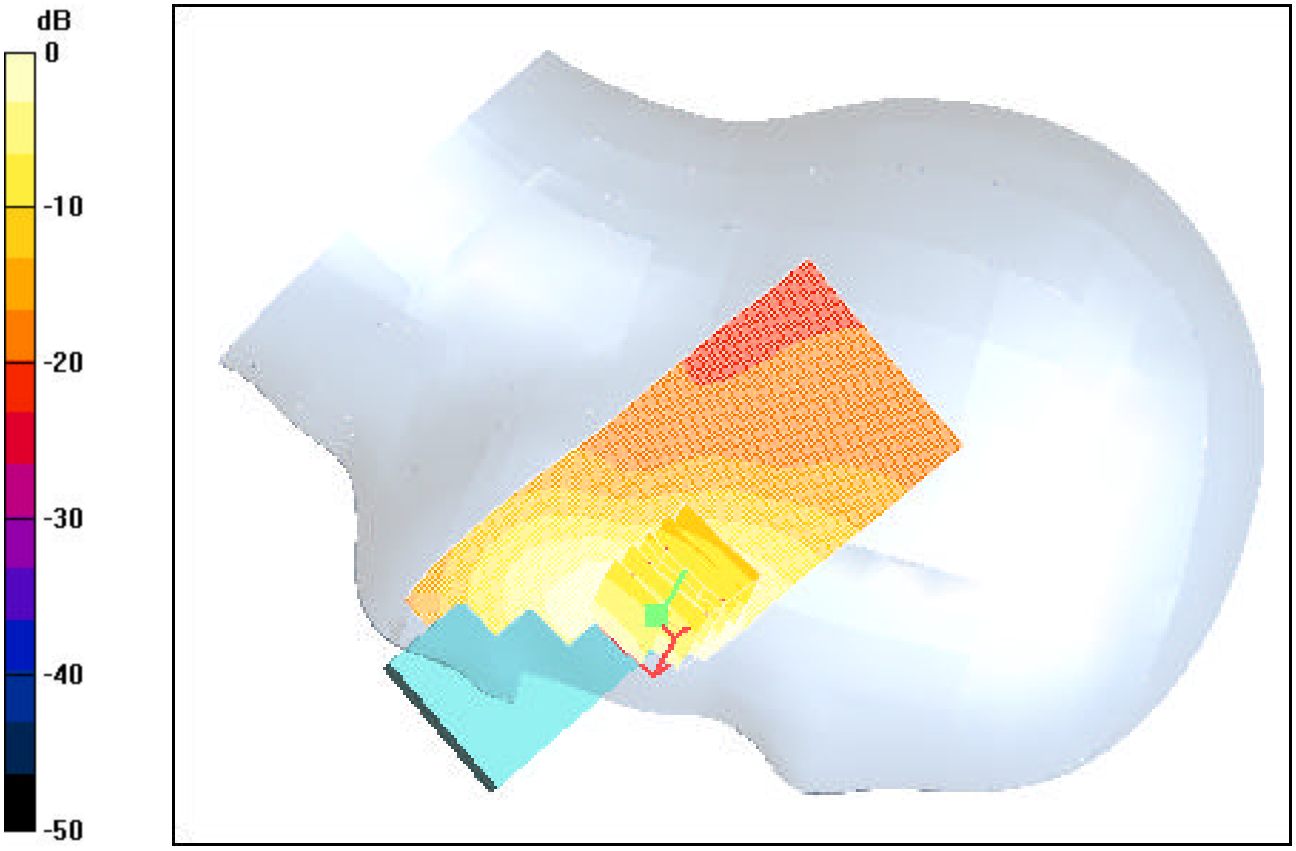
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 04-01-2004; Ambient Temp: 22.2°C; Tissue Temp: 20.8°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.0363, 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) = 1.08 W/kg
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.466 mW/g
Reference Value = 3.97 V/m



0 dB = 0.813mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

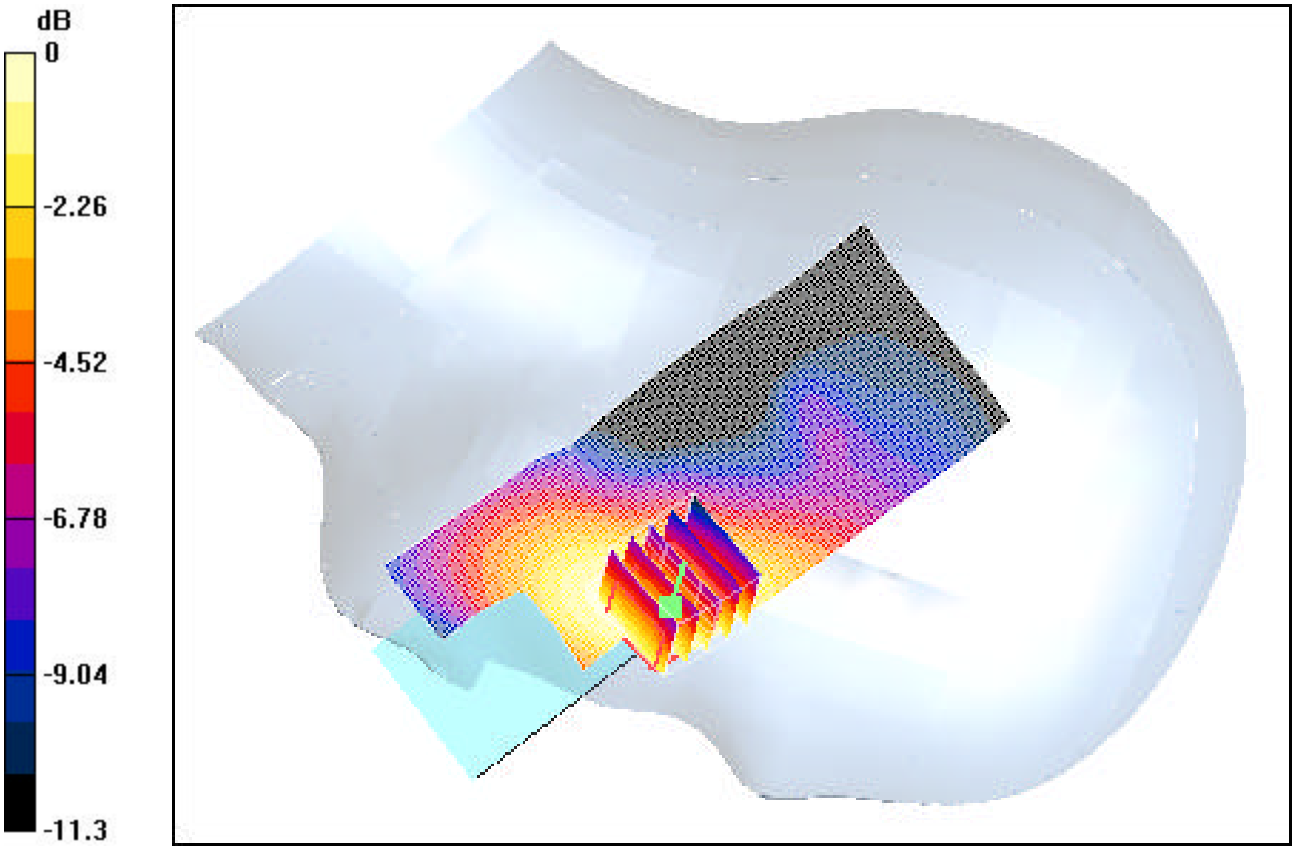
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 04-01-2004; Ambient Temp: 22.2°C; Tissue Temp: 20.8°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.0363, Ant In, Standard Battery

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.086 mW/g
Reference Value = 4.98 V/m



0 dB = 0.126mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

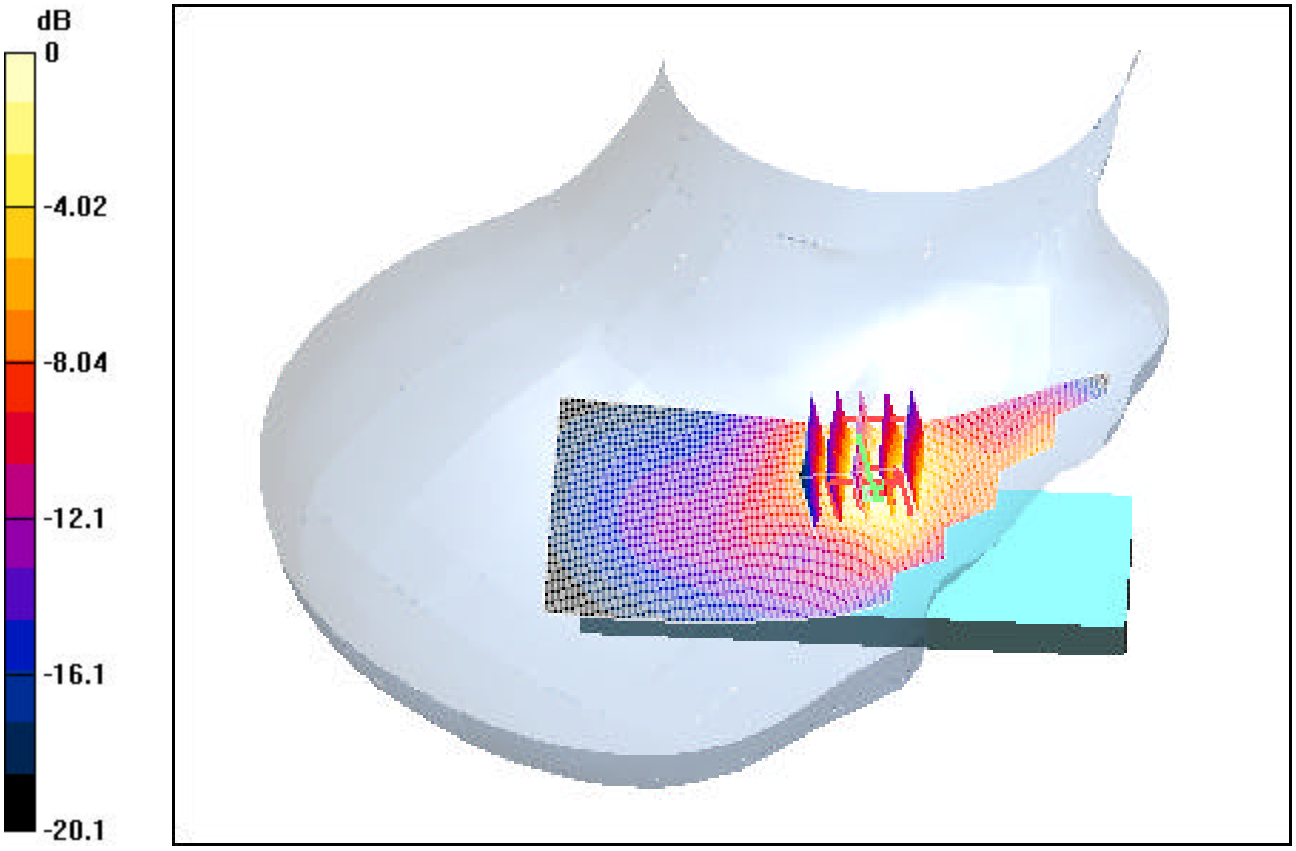
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.43 mho/m, ε_r = 40.37, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-29-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°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 (51x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.767 mW/g
Reference Value = 7.2 V/m



0 dB = 1.81mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

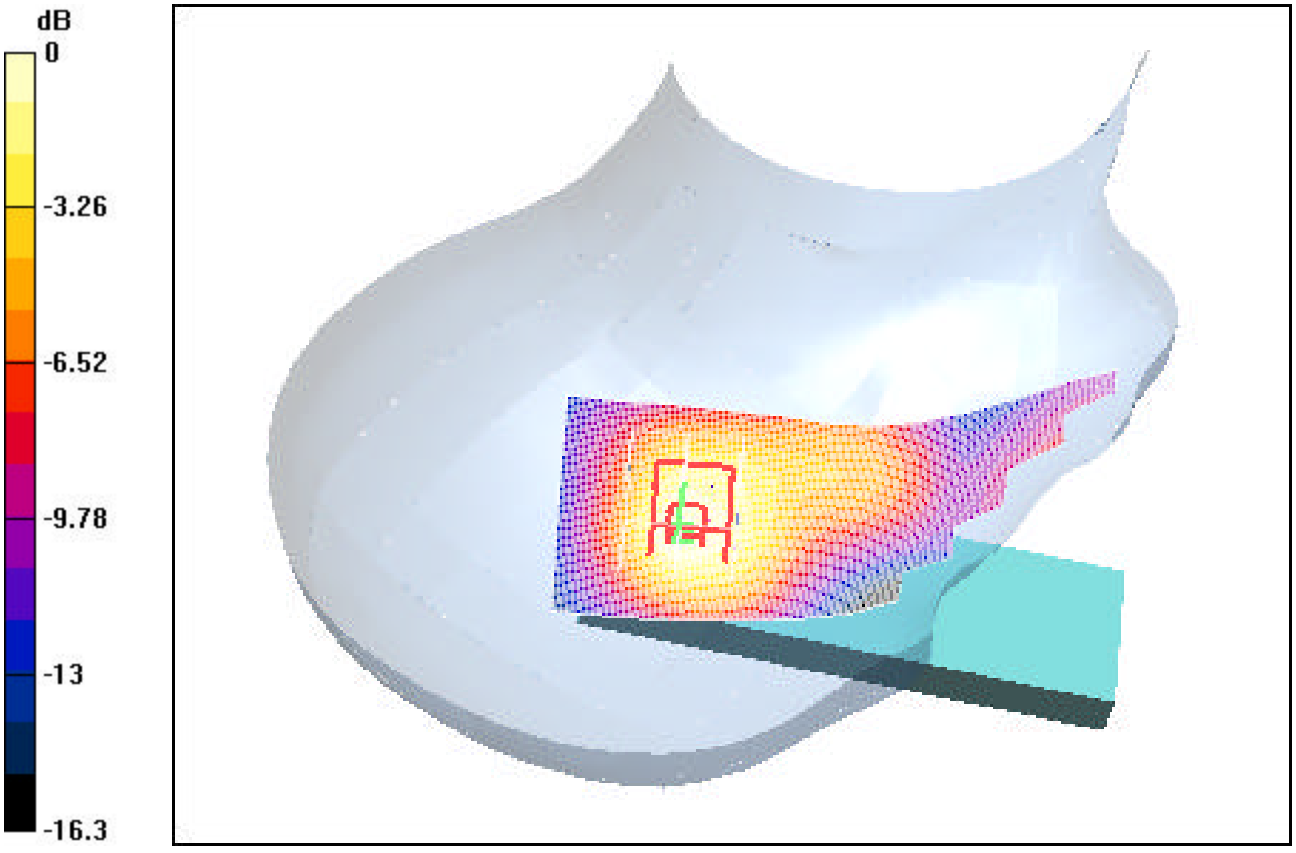
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.43 mho/m, ε_r = 40.37, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-30-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.2°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.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) = 0.562 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.235 mW/g
Reference Value = 14.6 V/m



0 dB = 0.432mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

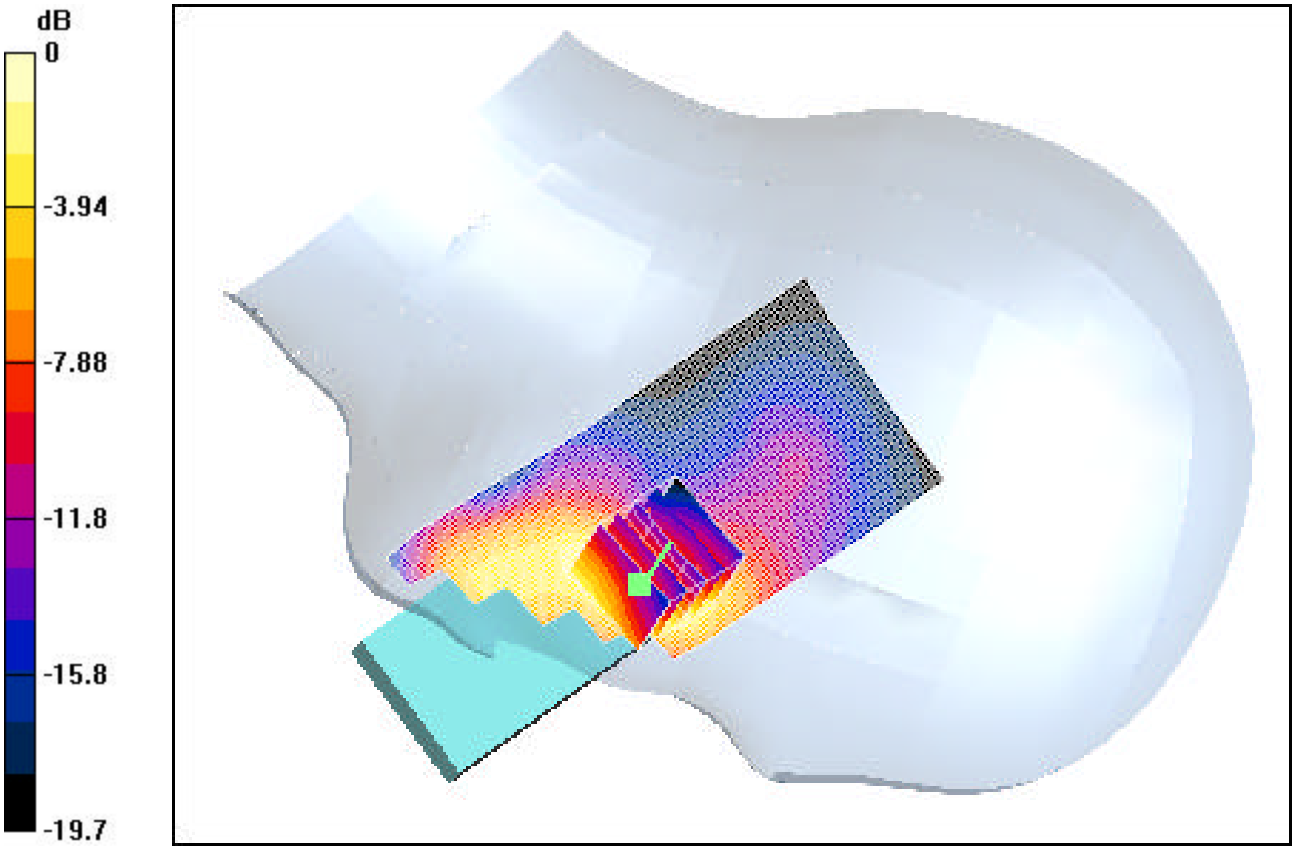
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.43 mho/m, ε_r = 40.37, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 03-29-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°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 (51x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.659 mW/g
Reference Value = 7.03 V/m



0 dB = 1.43mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

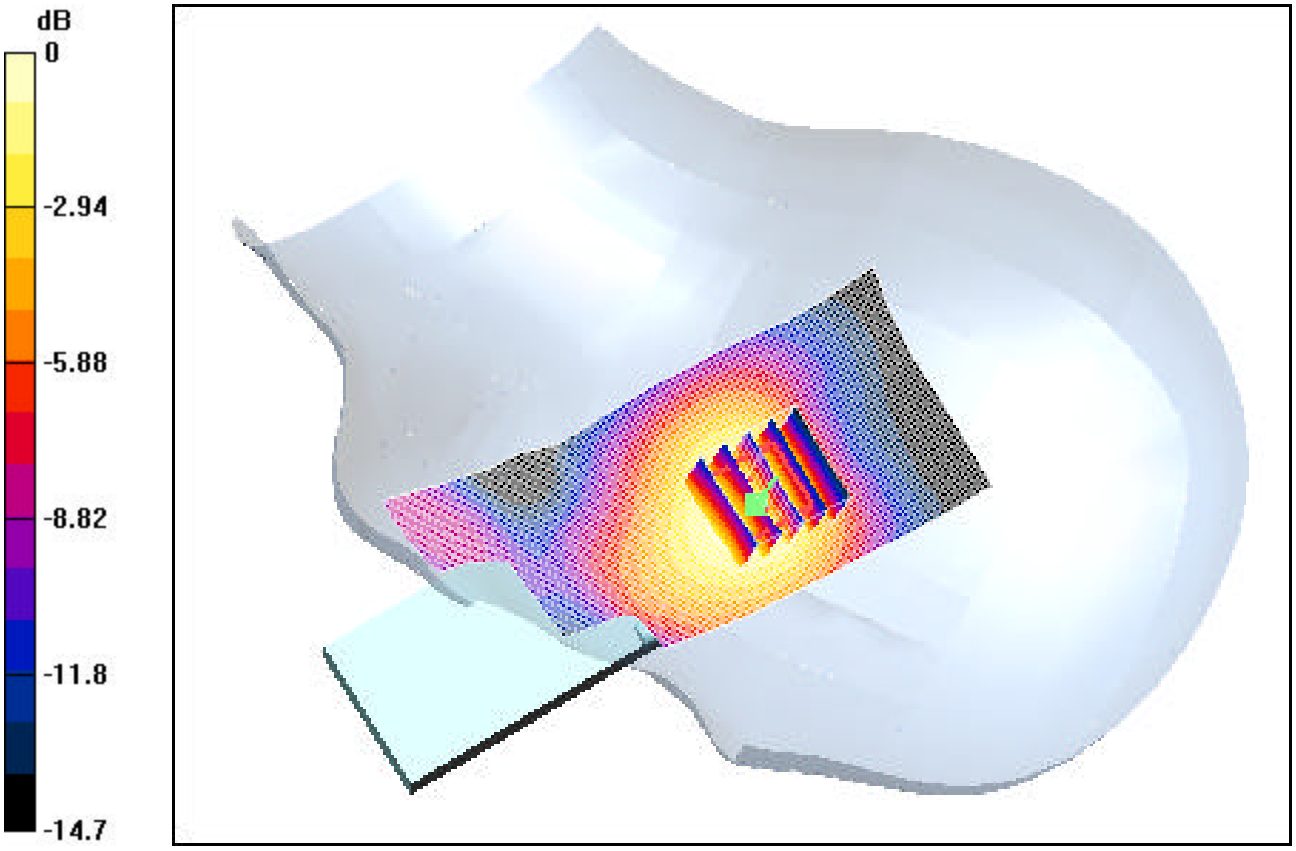
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.43 mho/m, ε_r = 40.37, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 03-29-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°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 In, Standard Battery

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.243 mW/g
Reference Value = 12.4 V/m



0 dB = 0.446mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

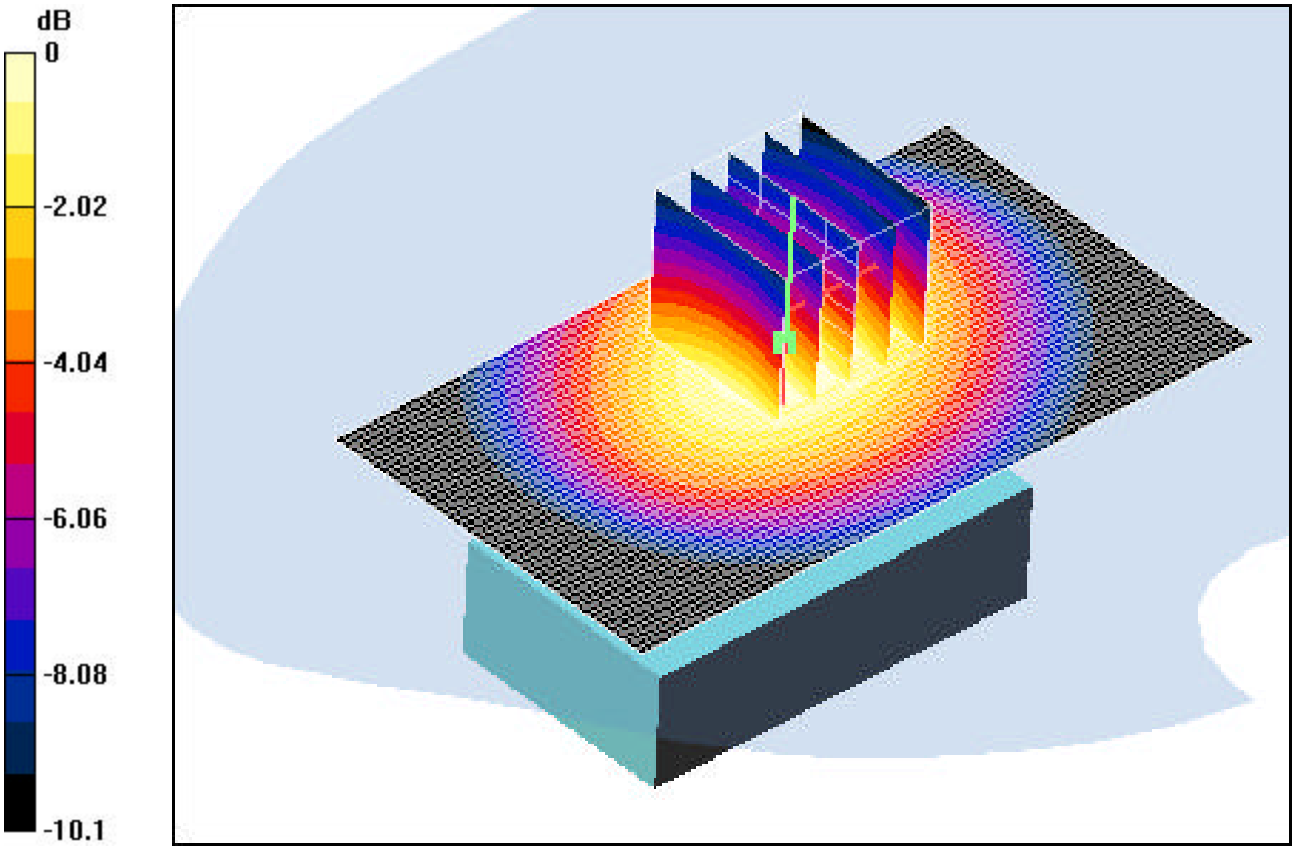
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Muscle (σ = 0.98 mho/m, ε_r = 52.66, ρ = 1000 kg/m^3)
Phantom section: Flat Section

Test Date: 04-01-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.3°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.0383, Ant In, Standard Battery, w/ Beltclip, Space 1.8cm.

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.938 mW/g
Reference Value = 29.1 V/m



0 dB = 1.52mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

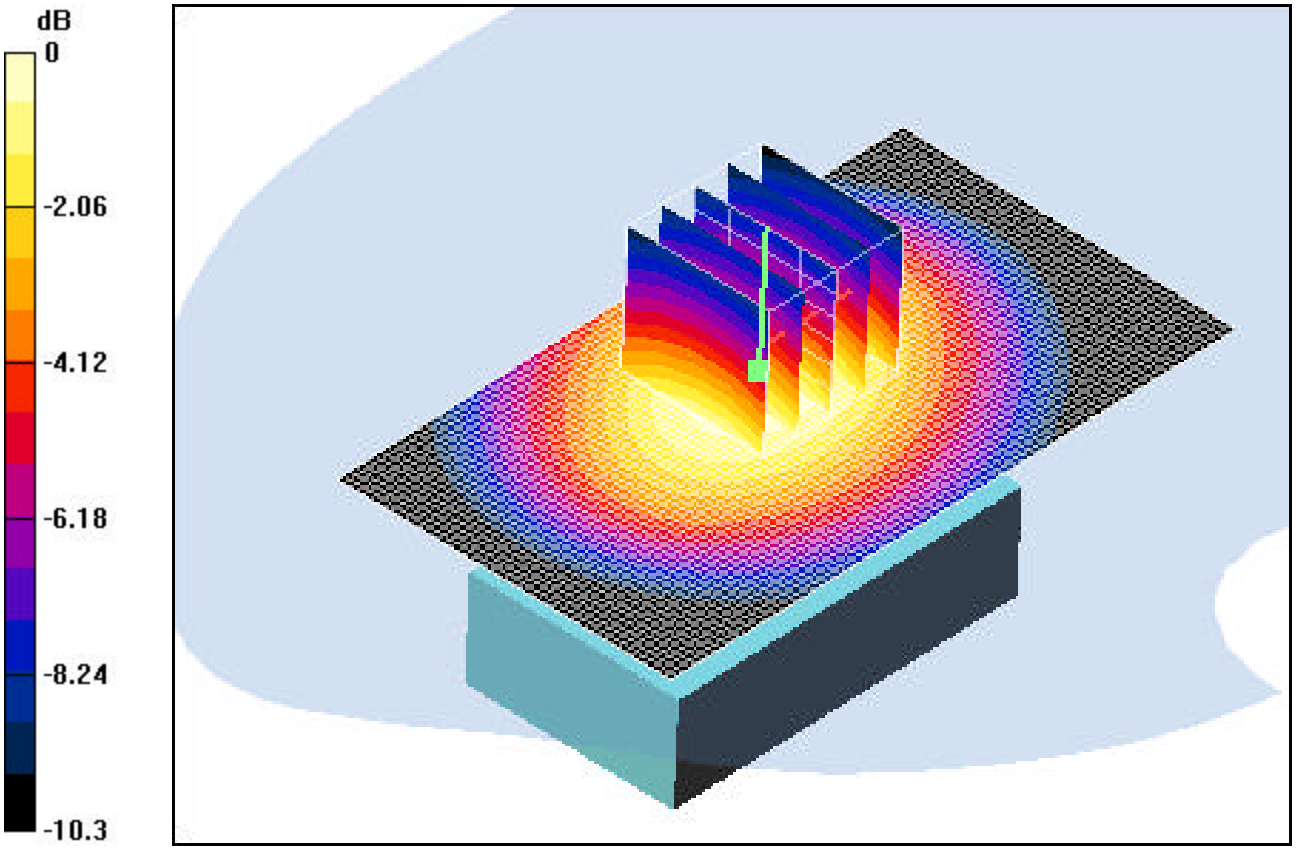
Communication System: Cellular CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium: 835 Muscle (σ = 0.98 mho/m, ε_r = 52.66, ρ = 1000 kg/m^3)
Phantom section: Flat Section

Test Date: 04-01-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.3°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.0363, Ant In, Standard Battery, w/ Beltclip, Space 1.8cm.

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.694 mW/g
Reference Value = 23.9 V/m



0 dB = 1.13mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

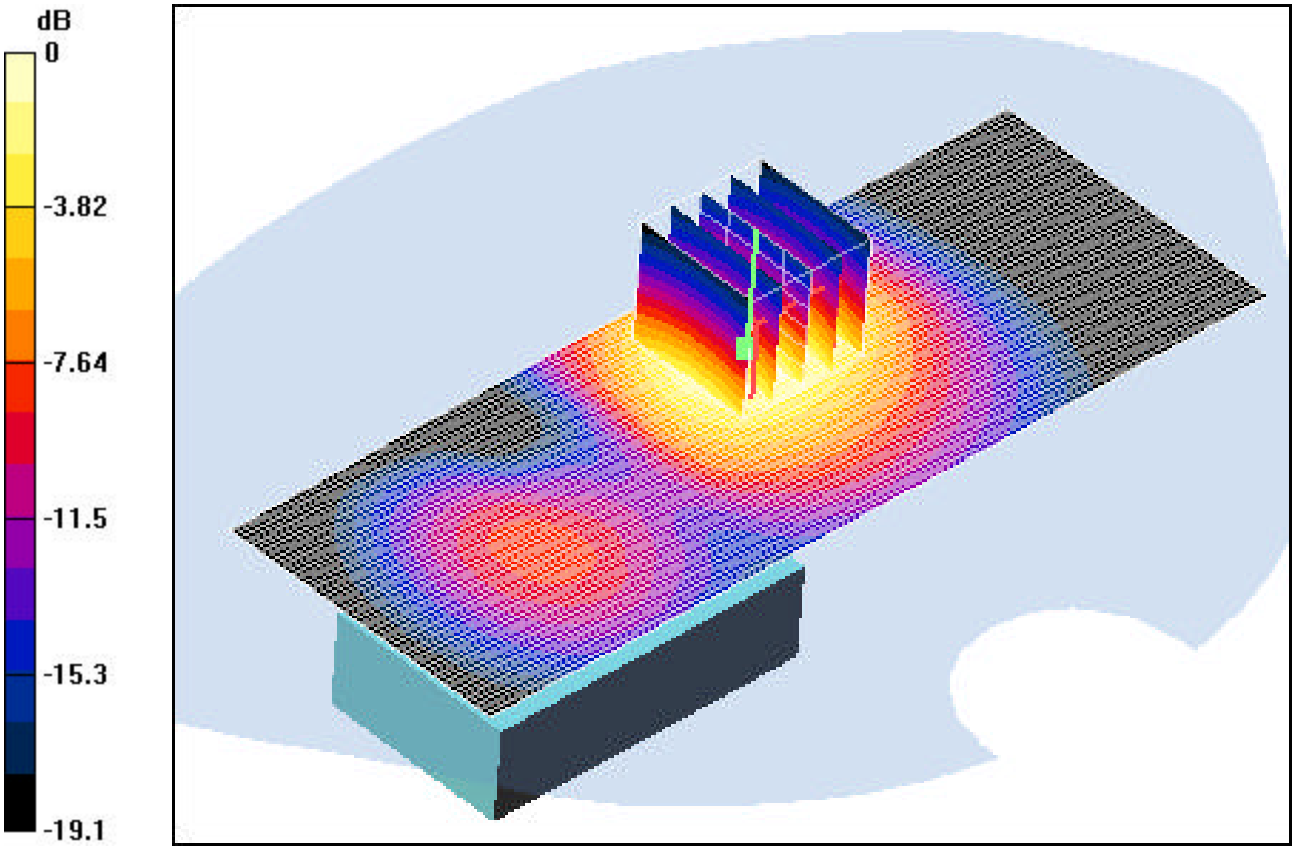
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Muscle (σ = 1.58 mho/m, ε_r = 51.2, ρ = 1000 kg/m^3)
Phantom section: Flat Section

Test Date: 03-31-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.4°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.0600, Ant Out, Standard Battery, w/ Beltclip, Space 1.8cm.

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) = 2.38 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.742 mW/g
Reference Value = 23.9 V/m



0 dB = 1.68mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

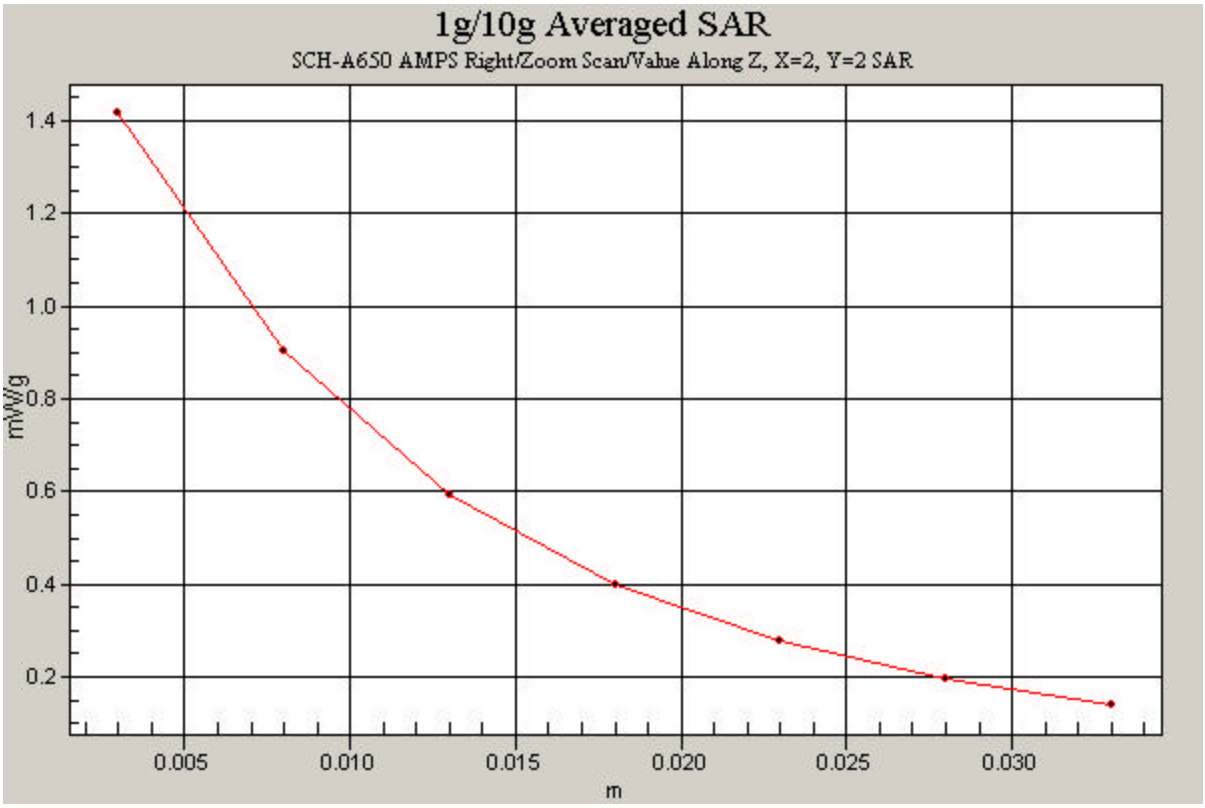
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.89 mho/m, ε_r = 41.32, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-30-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.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) = 1.97 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.718 mW/g
Reference Value = 4.99 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

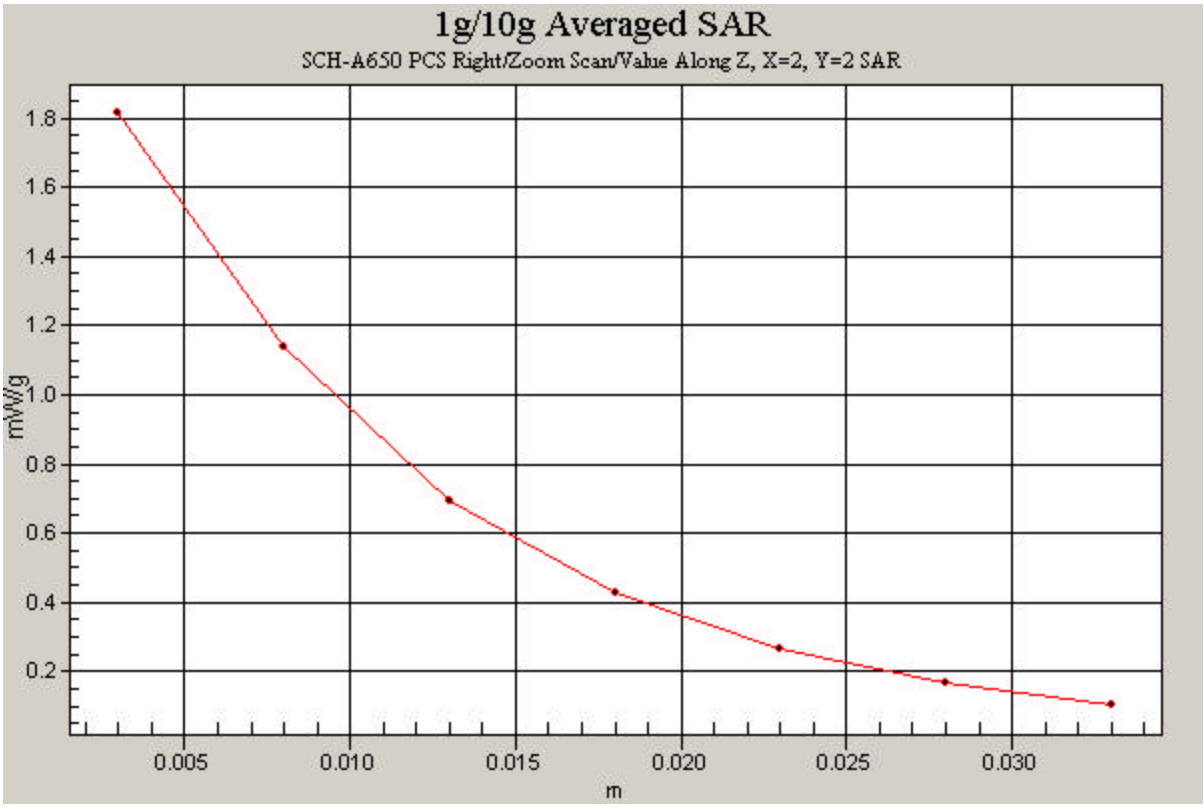
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.43 mho/m, ε_r = 40.37, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 03-29-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°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 (51x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.767 mW/g
Reference Value = 7.2 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 26.0 dBm

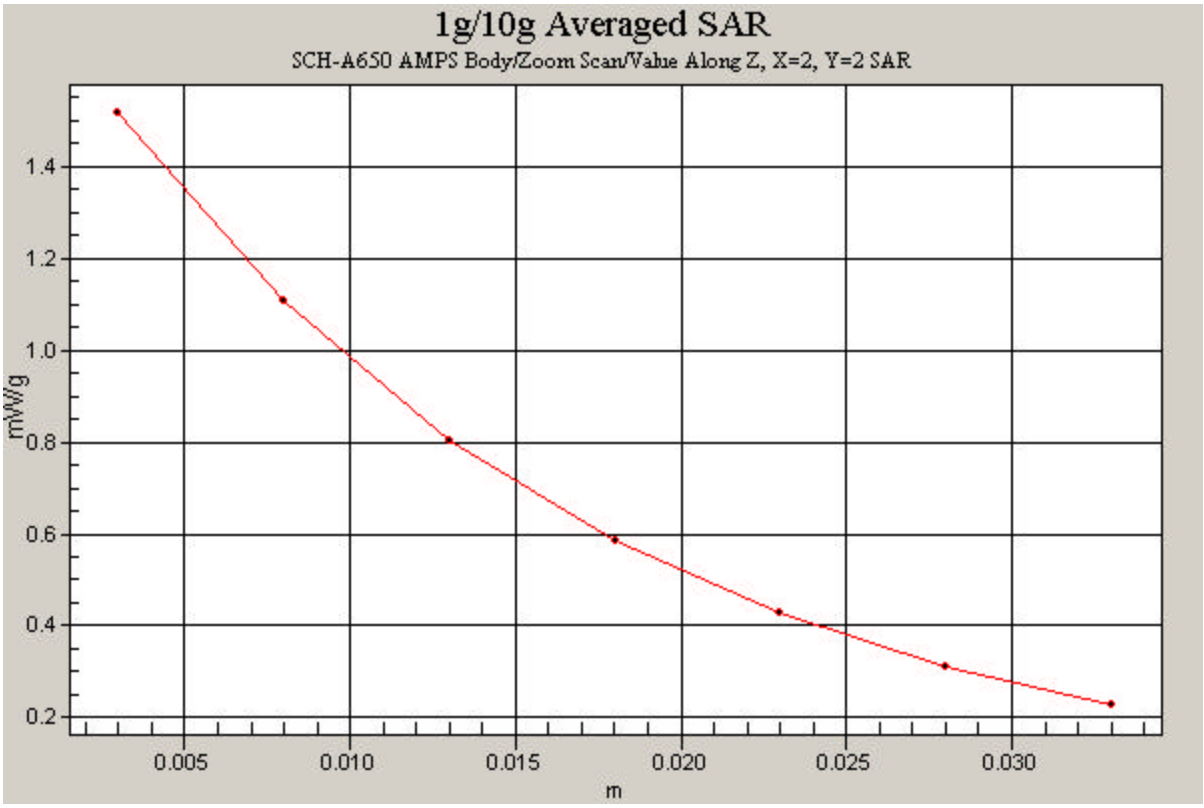
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Muscle (σ = 0.98 mho/m, ε_r = 52.66, ρ = 1000 kg/m^3)
Phantom section: Flat Section

Test Date: 04-01-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.3°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.0383, Ant In, Standard Battery, w/ Beltclip, Space 1.8cm.

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.938 mW/g
Reference Value = 29.1 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCH-A650; Type: SAMSUNG Tri Mode Phone; Serial: #9; Conducted Power: 25.0 dBm

Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Muscle (σ = 1.58 mho/m, ε_r = 51.2, ρ = 1000 kg/m^3)
Phantom section: Flat Section

Test Date: 03-31-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.4°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.0600, Ant Out, Standard Battery, w/ Beltclip, Space 1.8cm.

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) = 2.38 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.742 mW/g
Reference Value = 23.9 V/m