PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

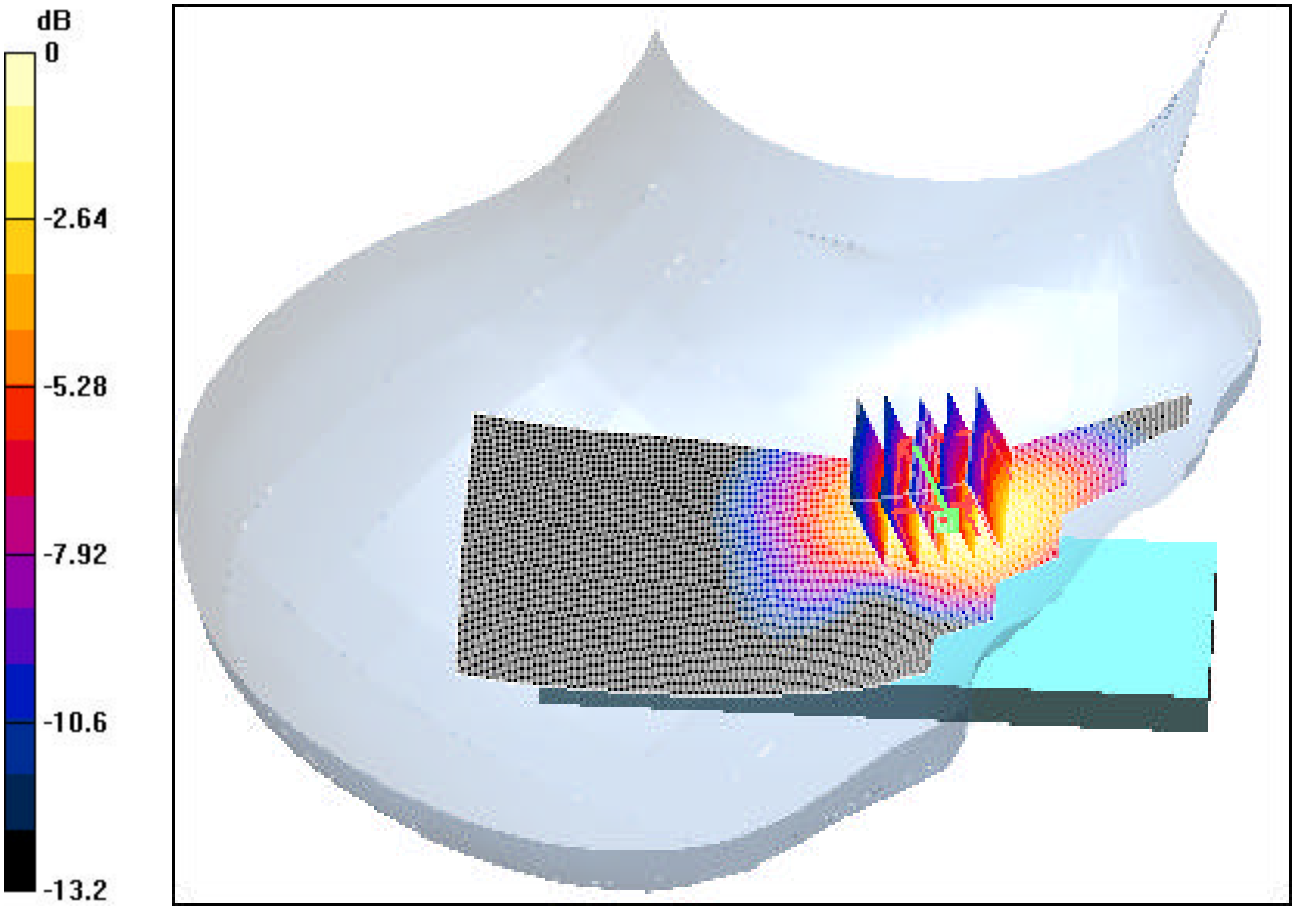
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 2.26 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.808 mW/g
Reference Value = 6.68 V/m



0 dB = 1.67mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

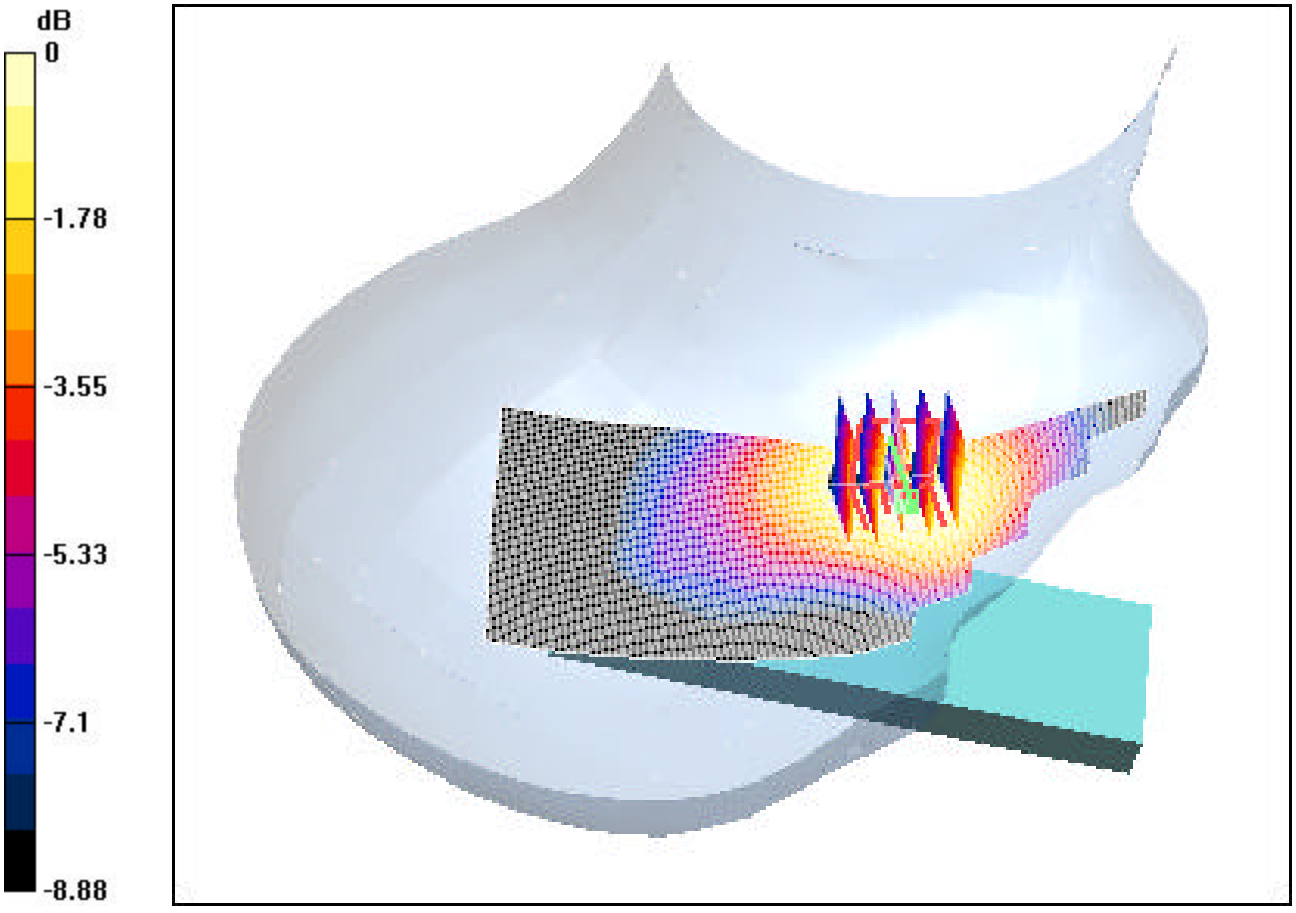
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 0.236 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.127 mW/g
Reference Value = 7.58 V/m



0 dB = 0.199mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

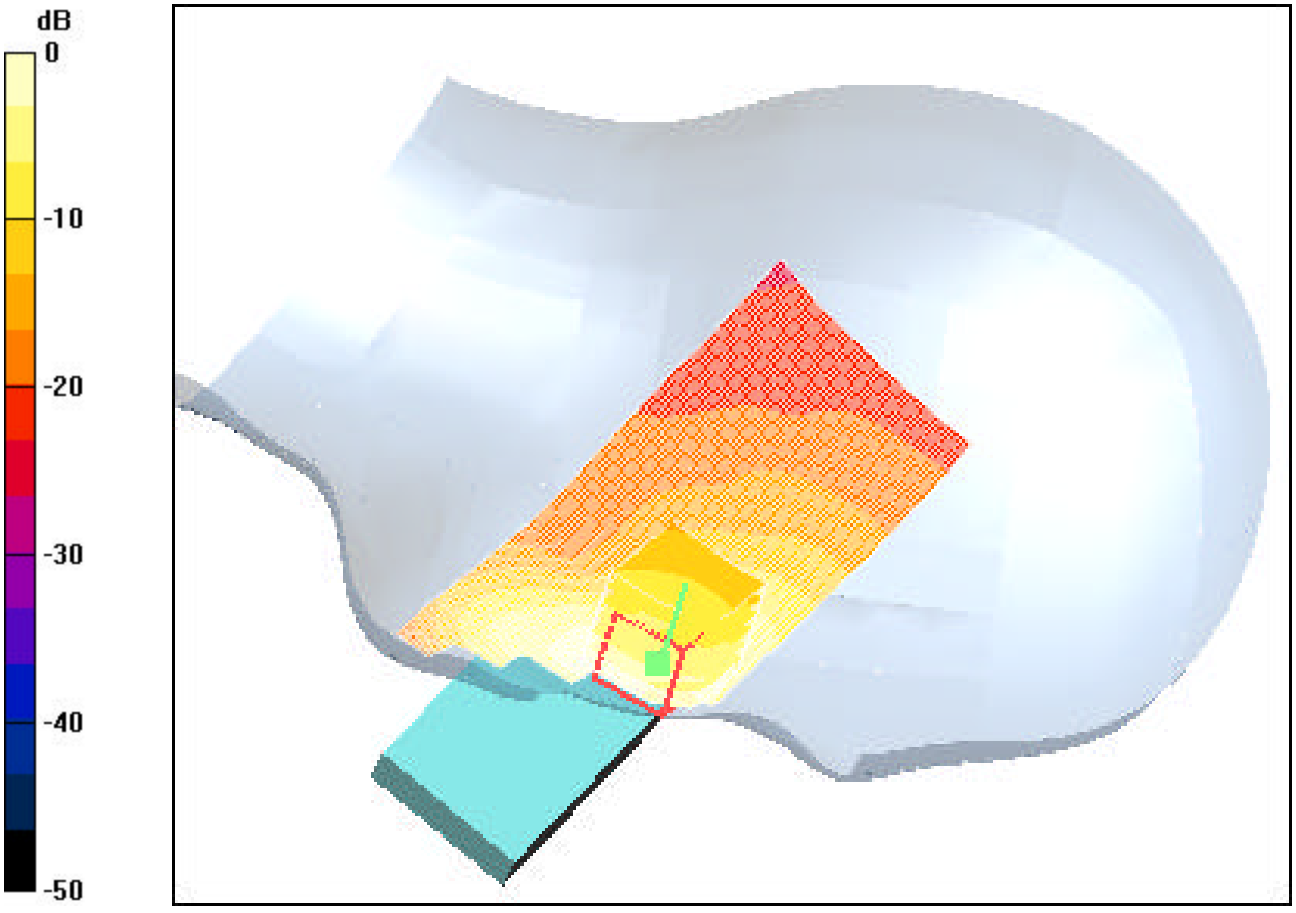
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 1.82 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.725 mW/g
Reference Value = 5.64 V/m



0 dB = 1.38mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

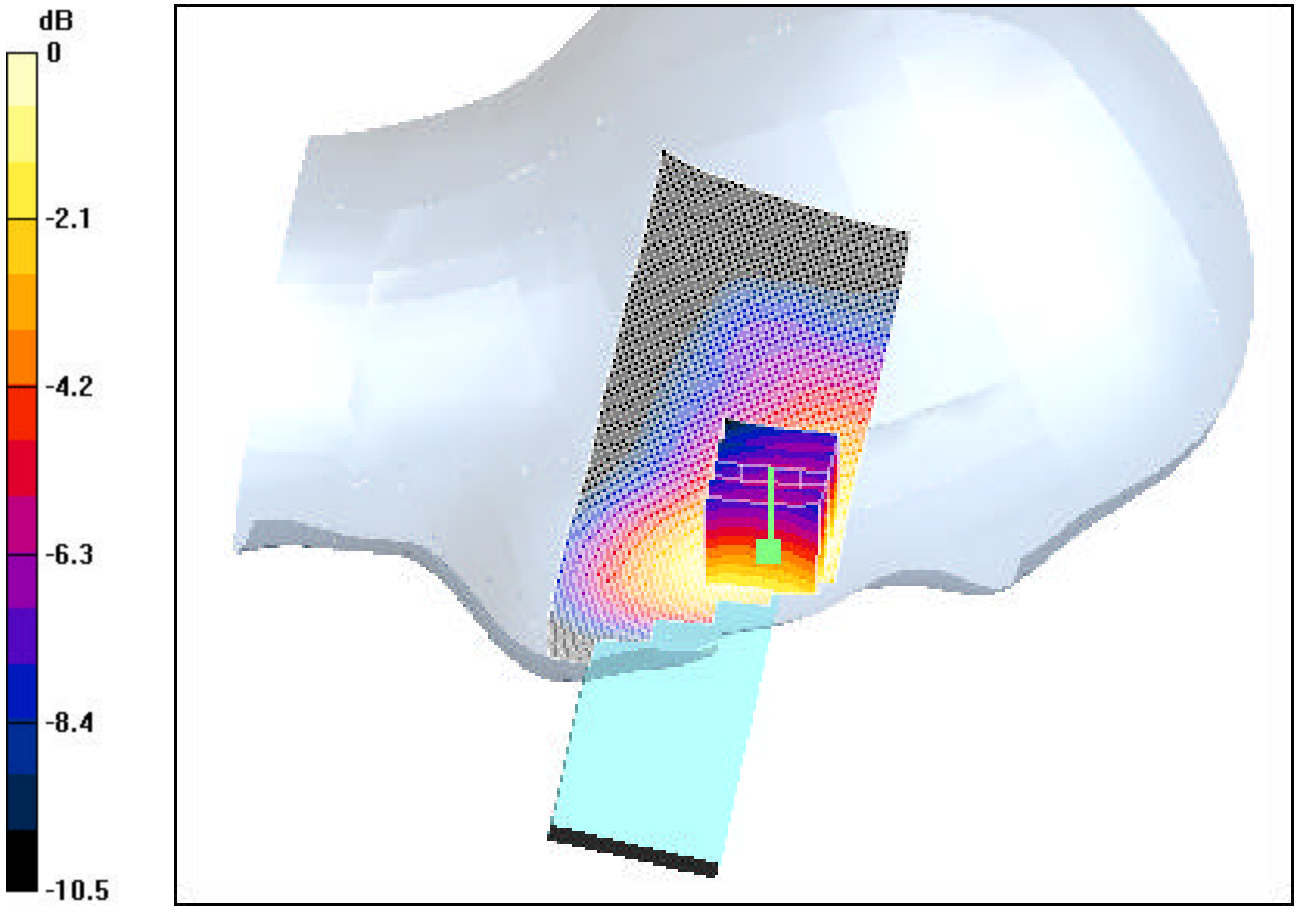
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 0.278 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.152 mW/g
Reference Value = 7.6 V/m



0 dB = 0.231mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

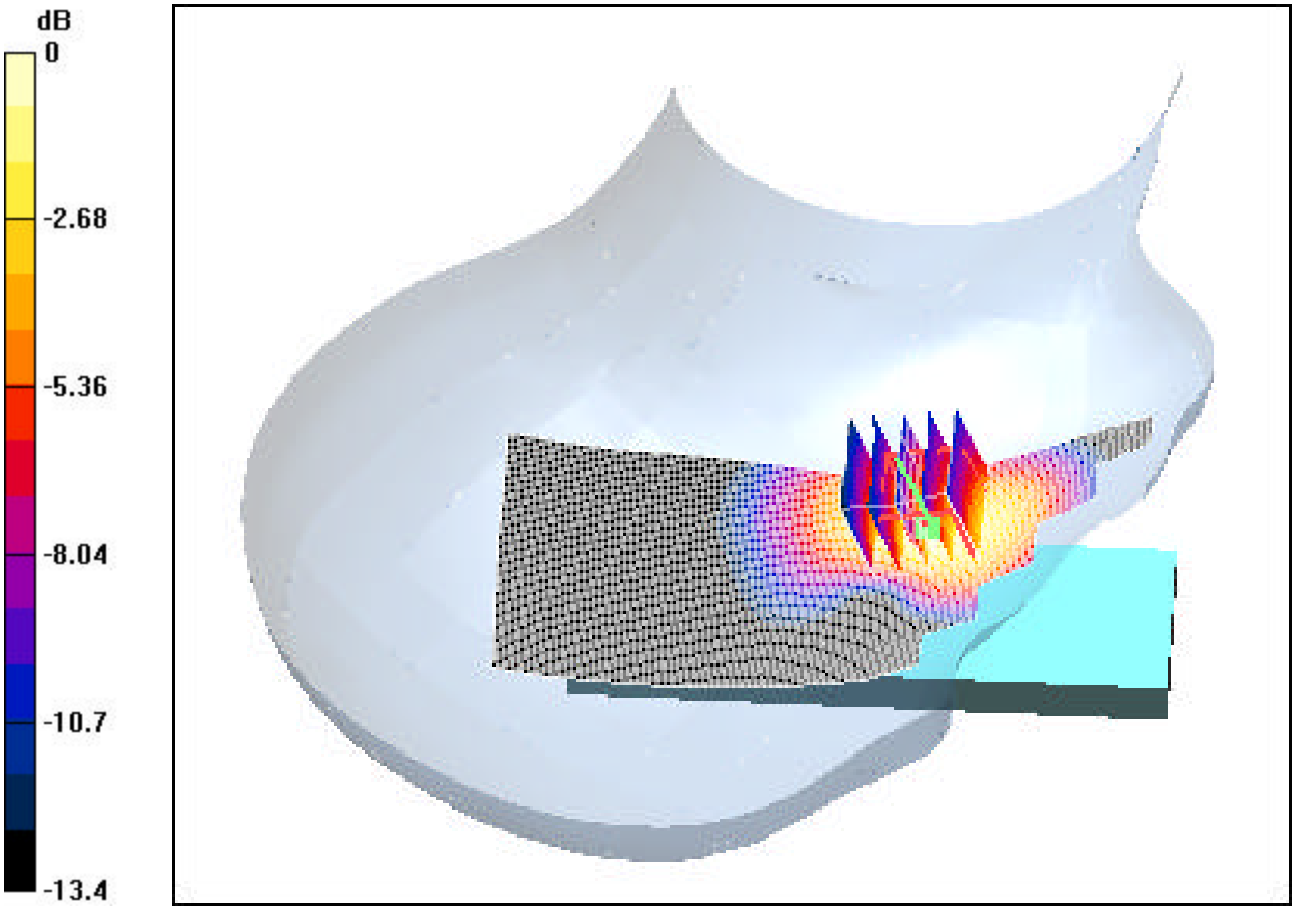
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 1.48 W/kg
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.473 mW/g
Reference Value = 5.51 V/m



0 dB = 1.09mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

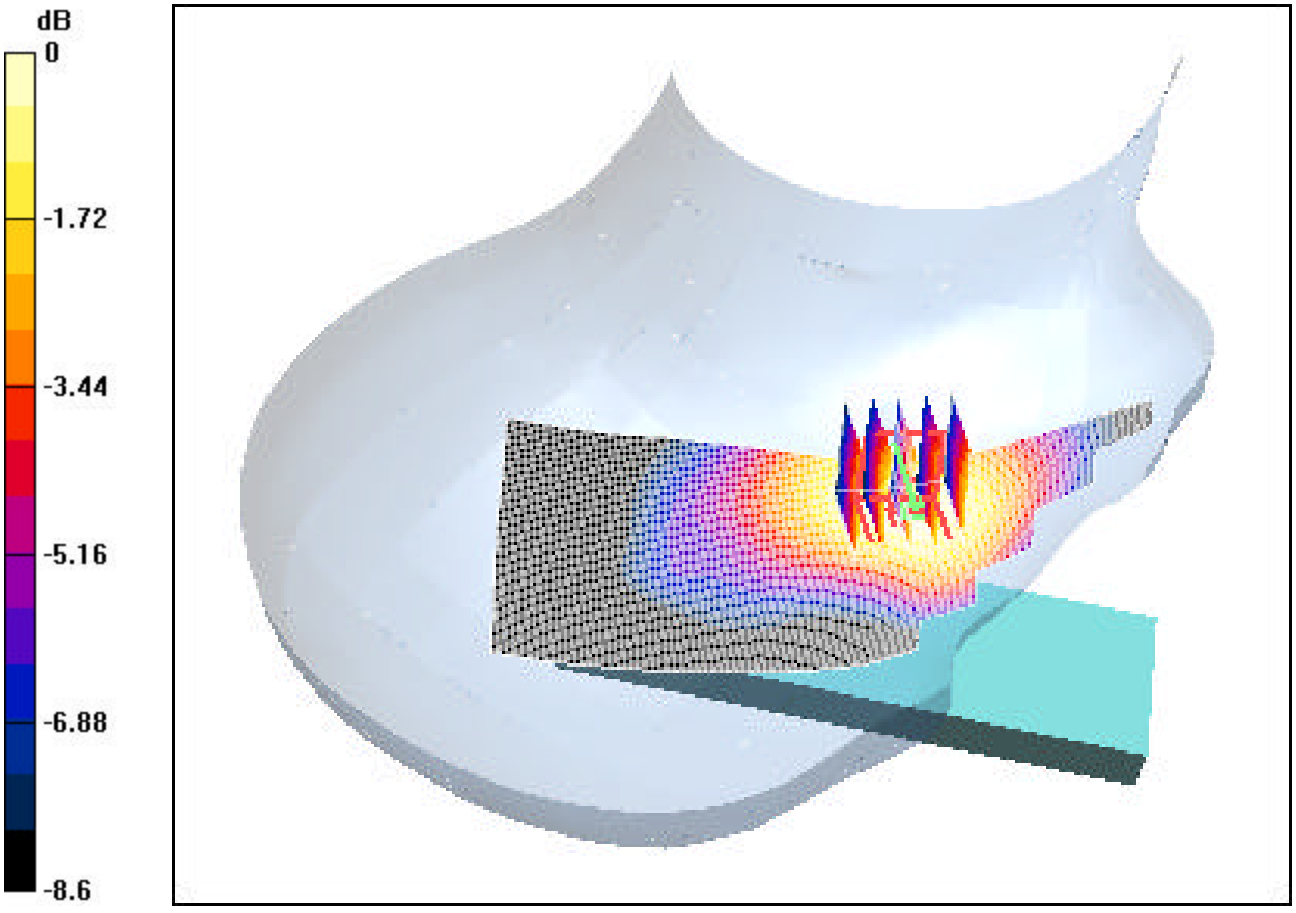
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 0.200 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.107 mW/g
Reference Value = 6.88 V/m



0 dB = 0.169mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

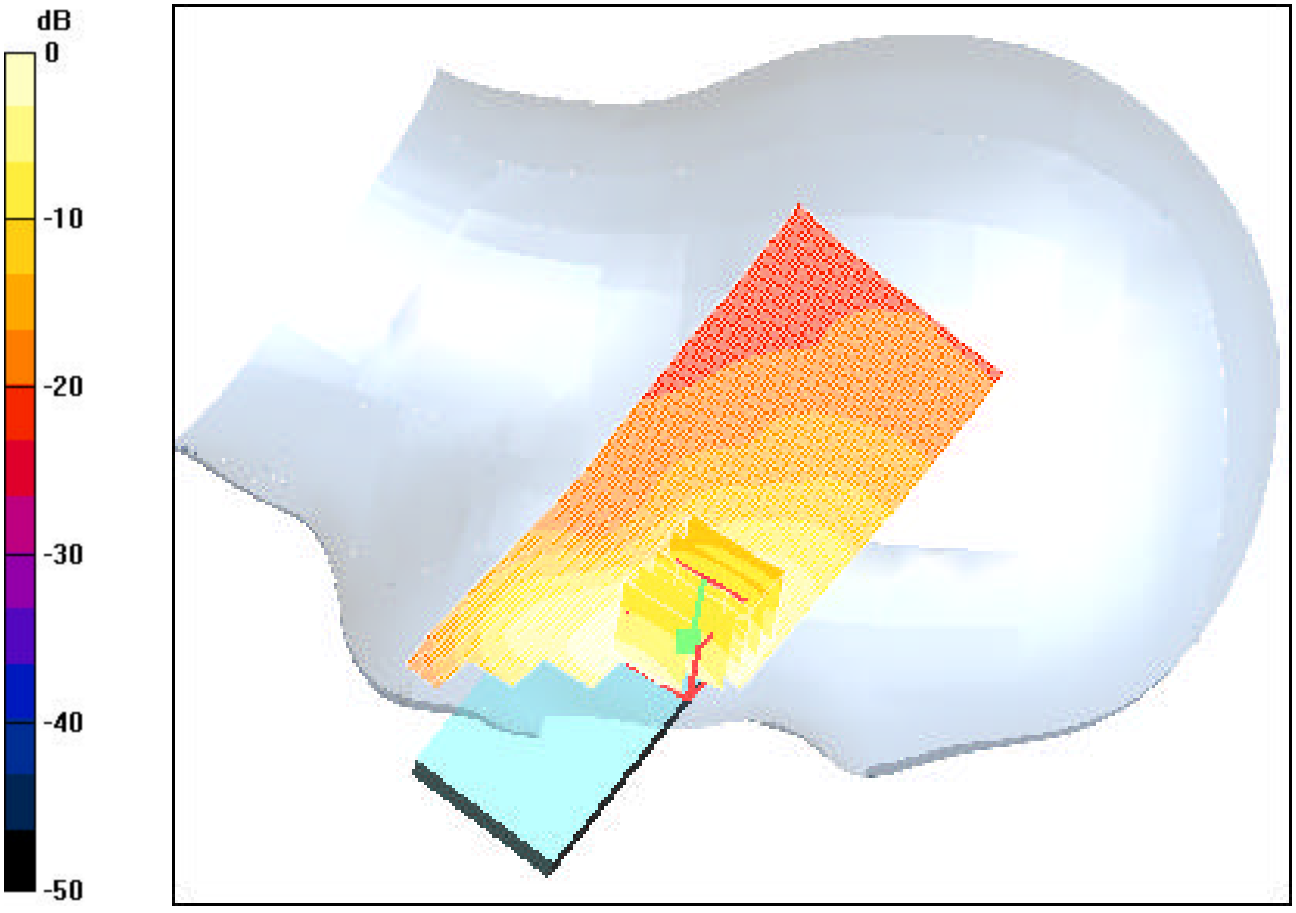
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 1.05 W/kg
SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.431 mW/g
Reference Value = 4.75 V/m



0 dB = 0.805mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

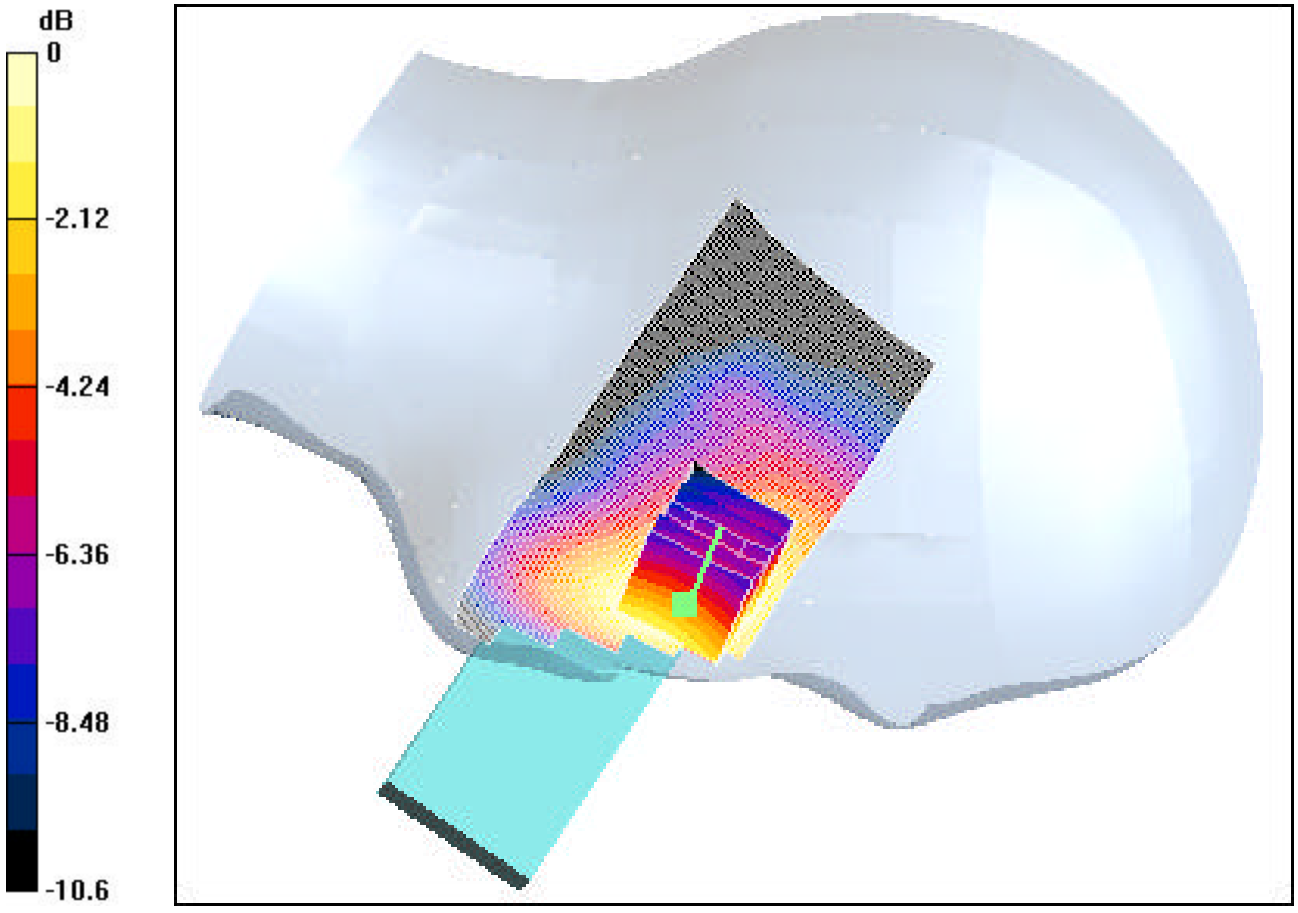
Communication System: Cellular CDMA; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 0.196 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.107 mW/g
Reference Value = 6.68 V/m



0 dB = 0.165mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

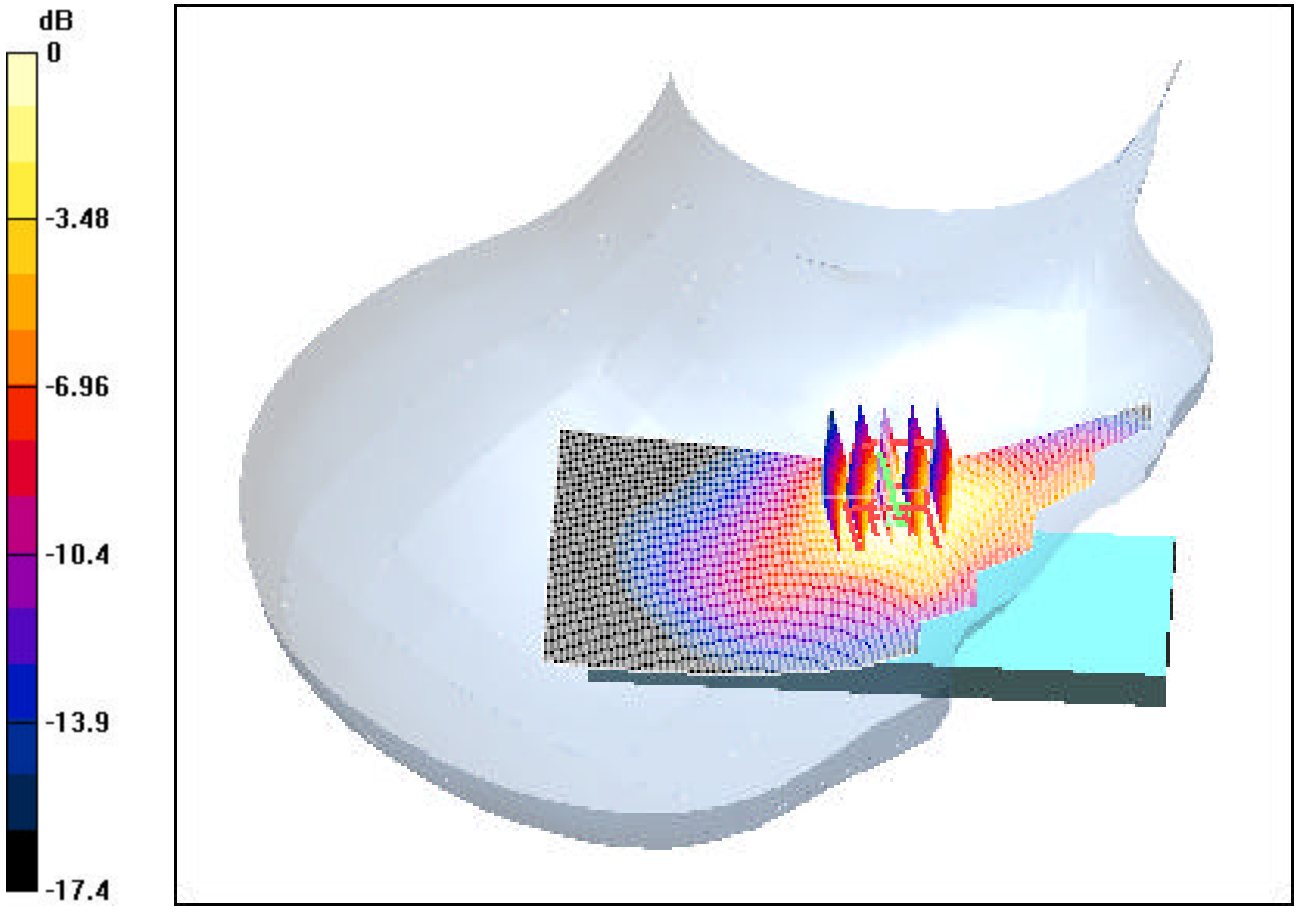
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.38 mho/m, ε_r = 40.43, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-13-2004; Ambient Temp: 22.2°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 Sn445; 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) = 1.85 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.622 mW/g
Reference Value = 6.54 V/m



0 dB = 1.36mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

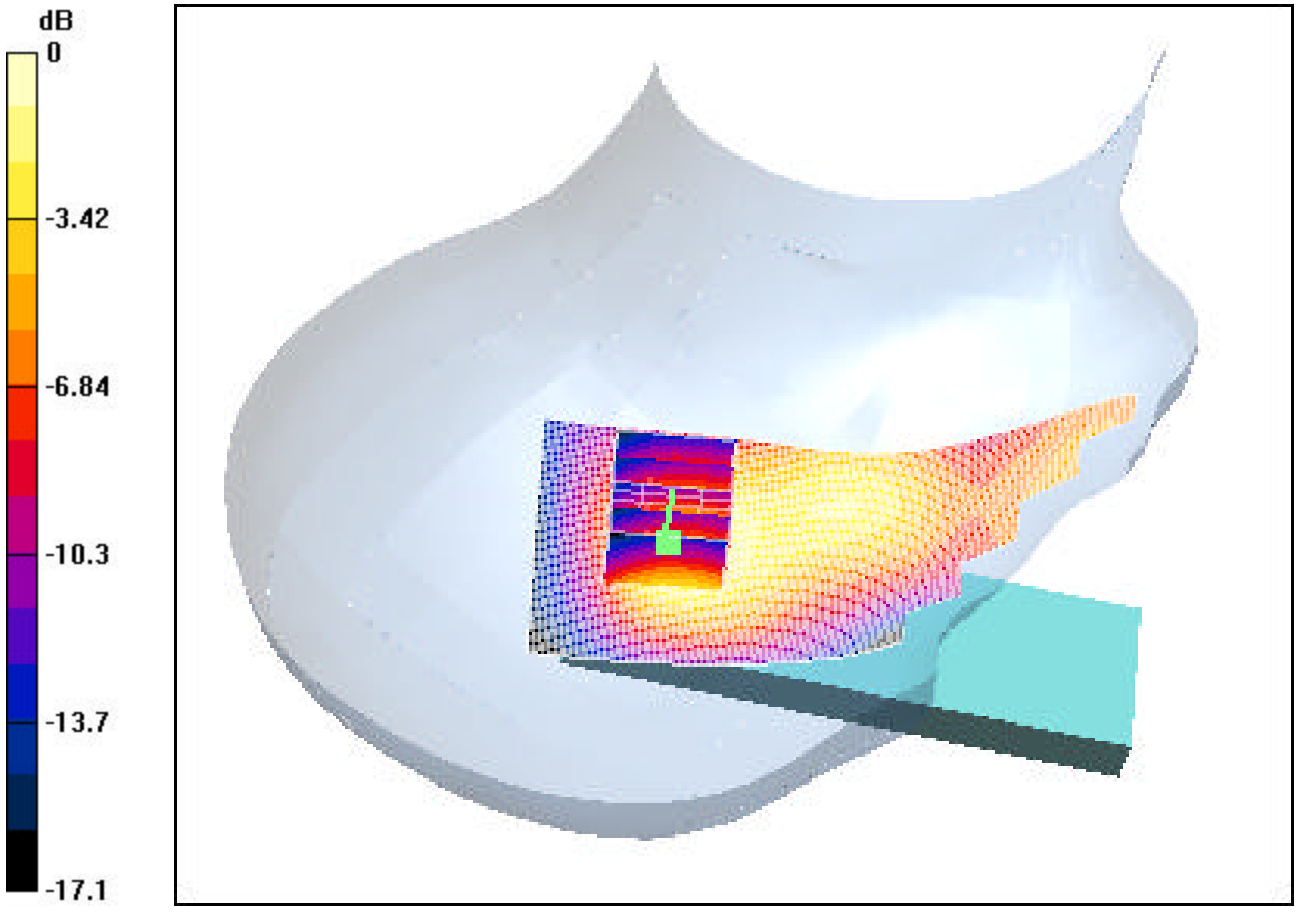
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.38 mho/m, ε_r = 40.43, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-13-2004; Ambient Temp: 22.2°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 Sn445; 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) = 0.327 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.128 mW/g
Reference Value = 9.96 V/m



0 dB = 0.246mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

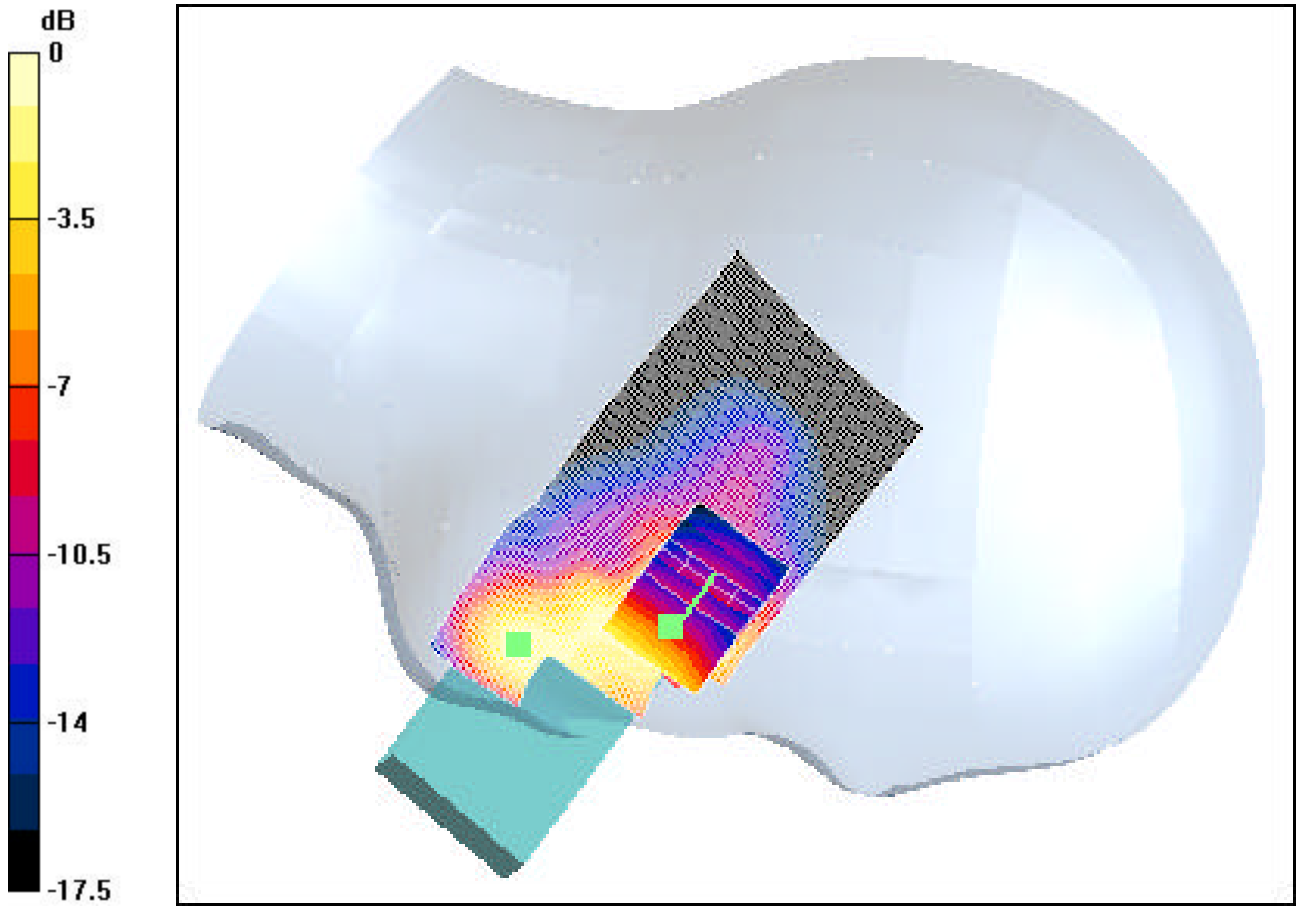
Communication System: PCS CDMA; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.38 mho/m, ε_r = 40.43, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 01-13-2004; Ambient Temp: 22.2°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 Sn445; 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.0025, 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) = 1.28 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.449 mW/g
Reference Value = 6.59 V/m



0 dB = 0.952mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

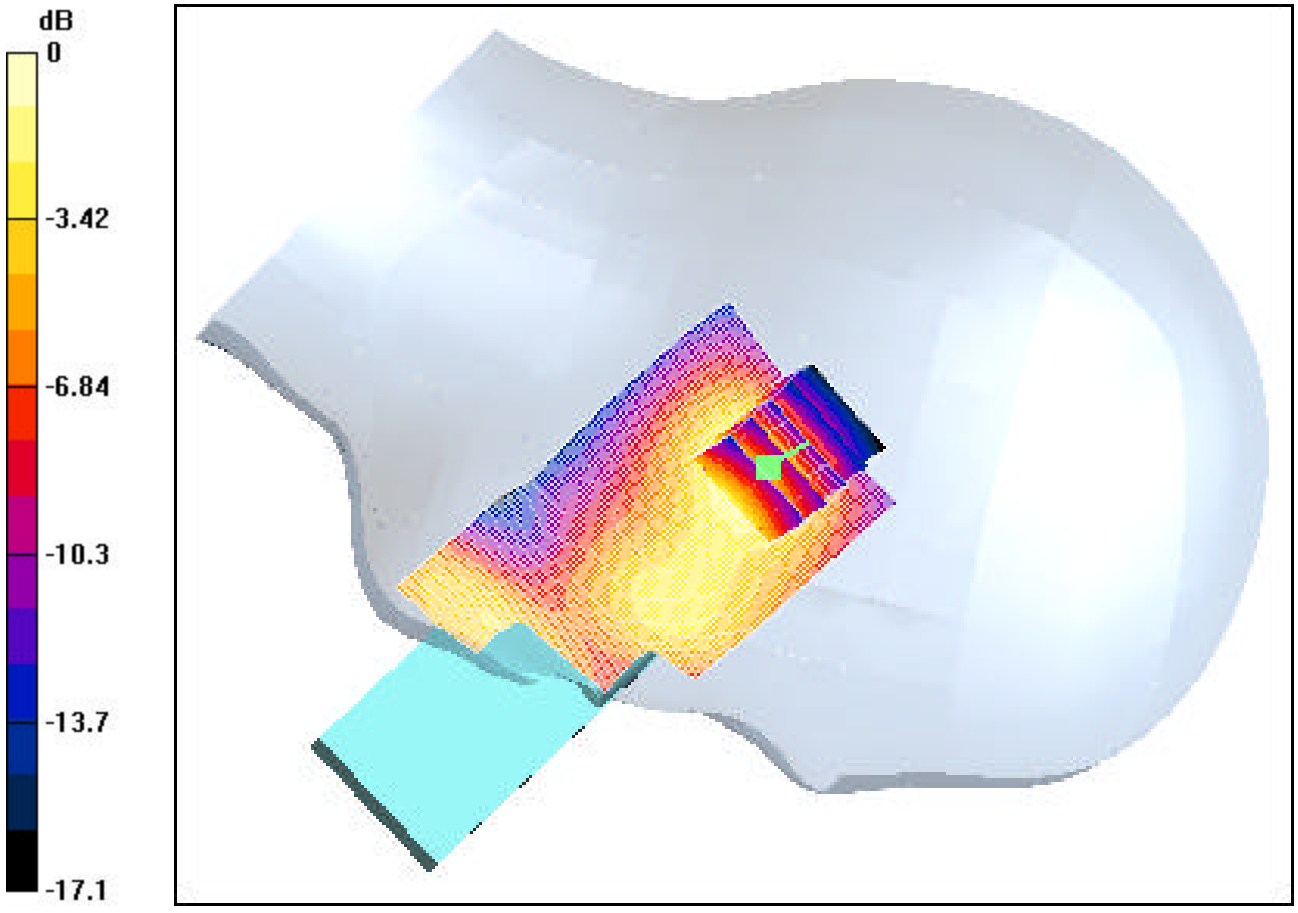
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.38 mho/m, ε_r = 40.43, ρ = 1000 kg/m^3)
Phantom section: Left Section

Test Date: 01-13-2004; Ambient Temp: 22.2°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 Sn445; 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) = 0.344 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.124 mW/g
Reference Value = 12.6 V/m



0 dB = 0.253mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

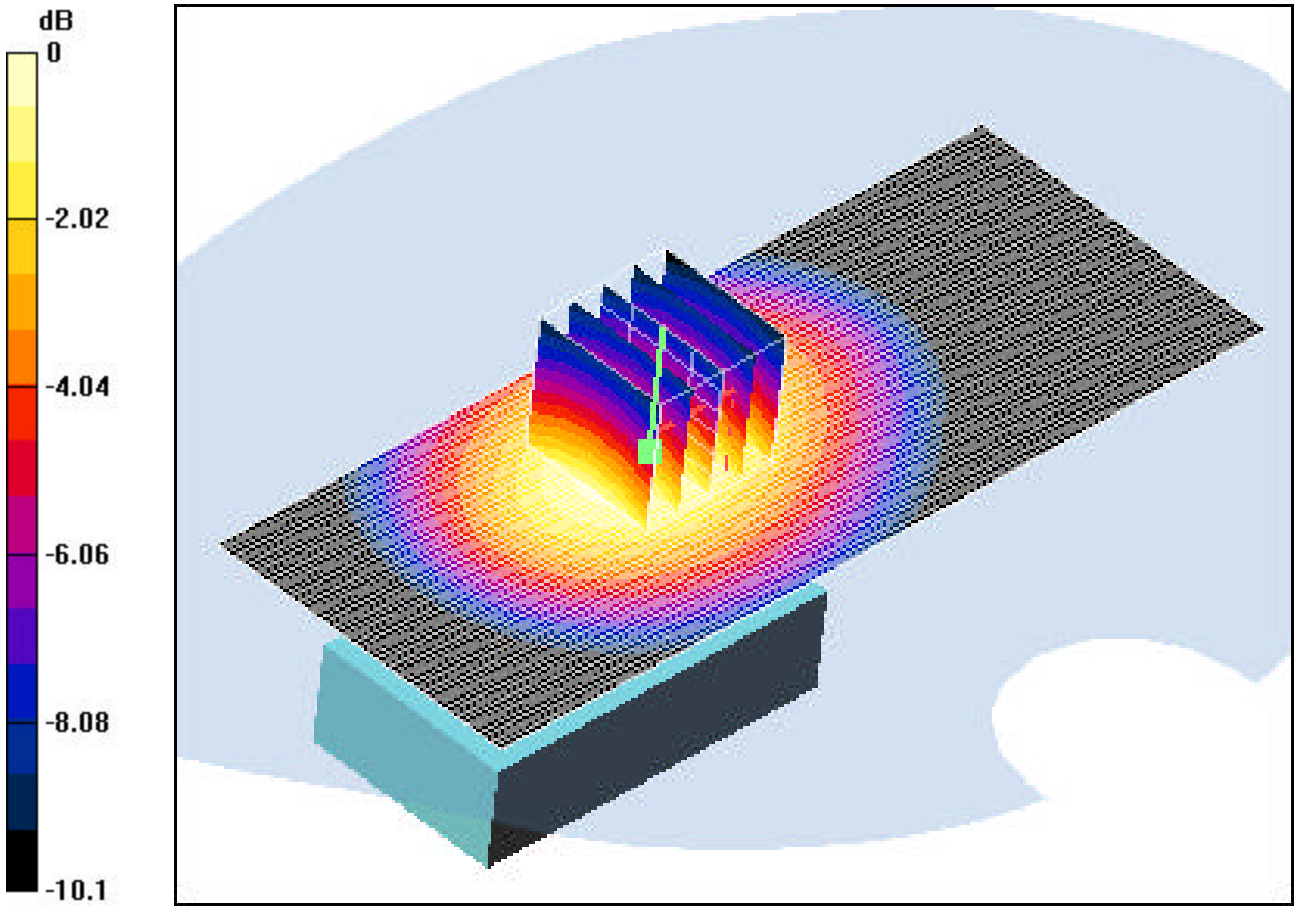
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: 835 Muscle (σ = 0.99 mho/m, ε_r = 53.21, ρ = 1000 kg/m^3)
Phantom section: Flat Section; Space: 1.9 cm with Belt Clip

Test Date: 01-14-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.9°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE3 Sn445; 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.0799, Ant Out, 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) = 1.28 W/kg
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.646 mW/g
Reference Value = 28.2 V/m



0 dB = 1.05mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

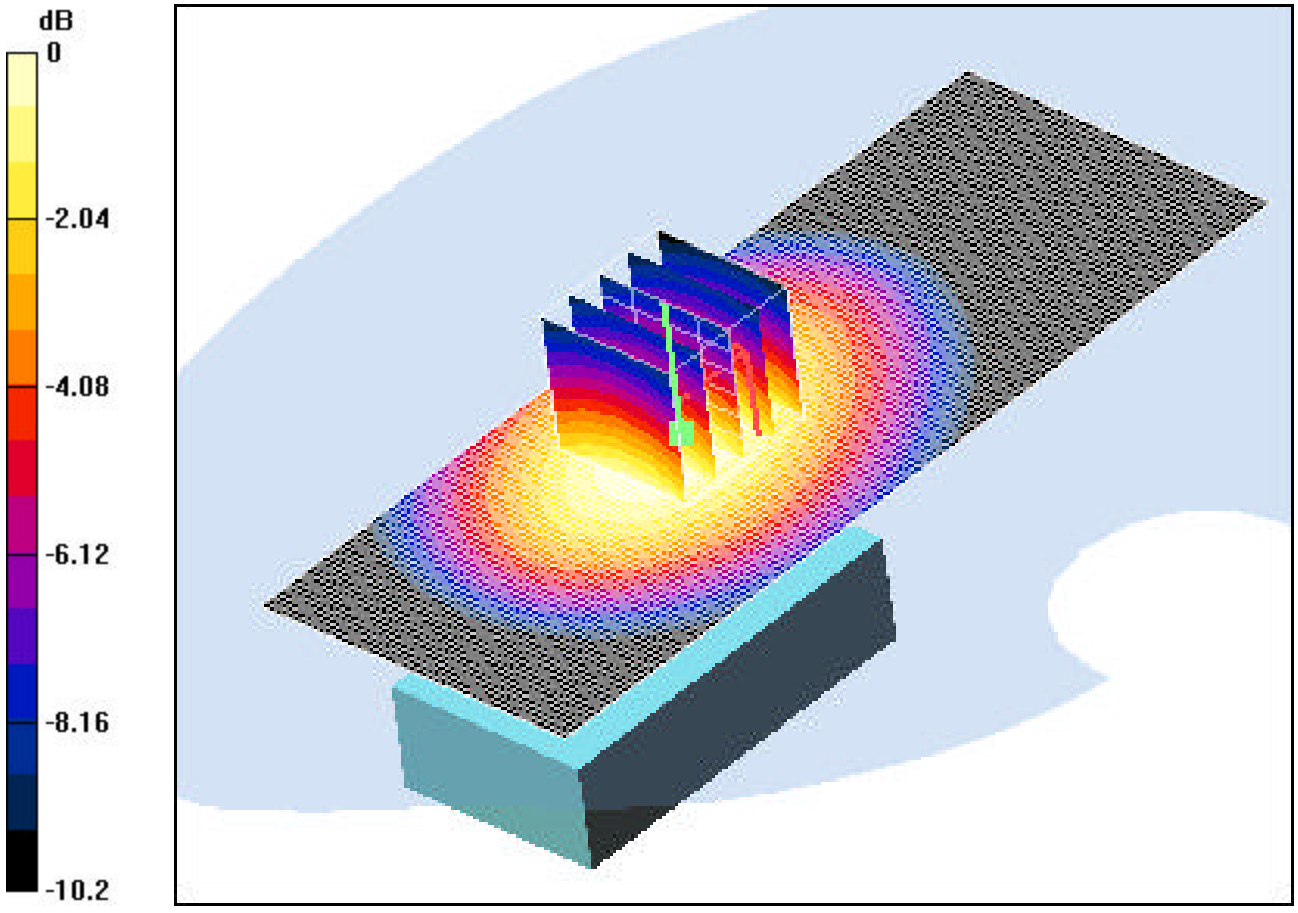
Communication System: Cellular CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: 835 Muscle (σ = 0.99 mho/m, ε_r = 53.21, ρ = 1000 kg/m^3)
Phantom section: Flat Section; Space: 1.9 cm with Belt Clip

Test Date: 01-14-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.9°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE3 Sn445; 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.0777, Ant Out,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) = 0.911 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.468 mW/g
Reference Value = 25 V/m



0 dB = 0.753mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

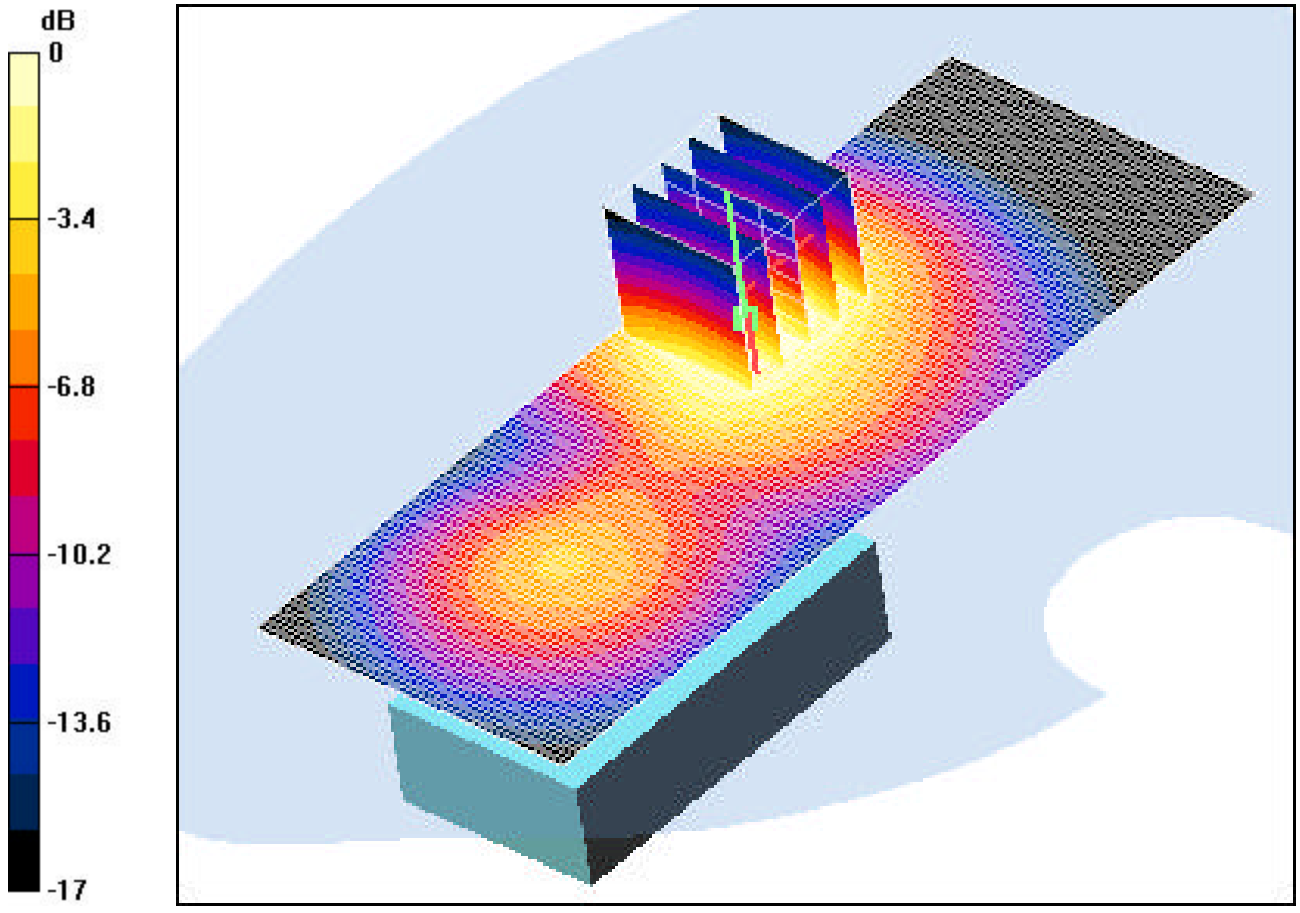
Communication System: PCS CDMA; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: 1900 Muscle (σ = 1.57 mho/m, ε_r = 51.62, ρ = 1000 kg/m^3)
Phantom section: Flat Section; Space: 1.9 cm with Belt Clip

Test Date: 01-15-2004; Ambient Temp: 21.7°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE3 Sn445; 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 (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.375 mW/g
Reference Value = 17.7 V/m



0 dB = 0.785mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

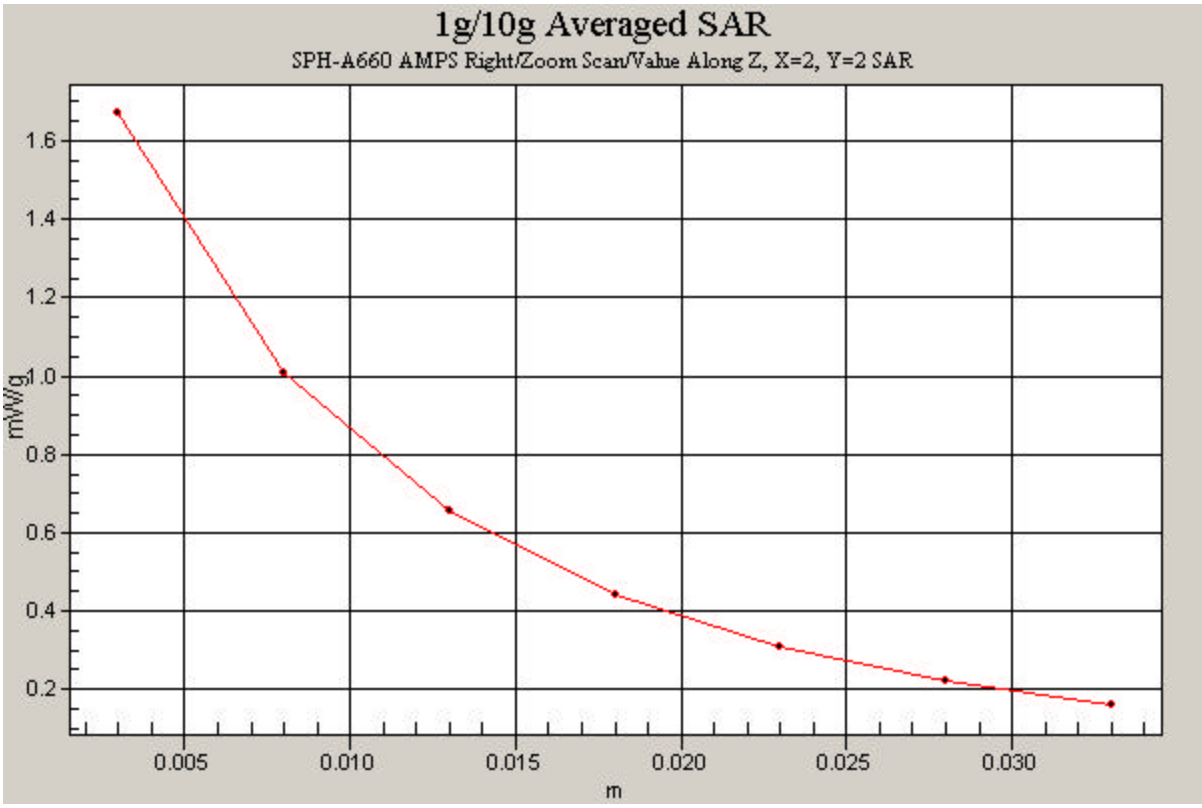
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: 835 Brain (σ = 0.91 mho/m, ε_r = 40.82, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-12-2004; Ambient Temp: 21.8°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 Sn445; 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.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) = 2.26 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.808 mW/g
Reference Value = 6.68 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

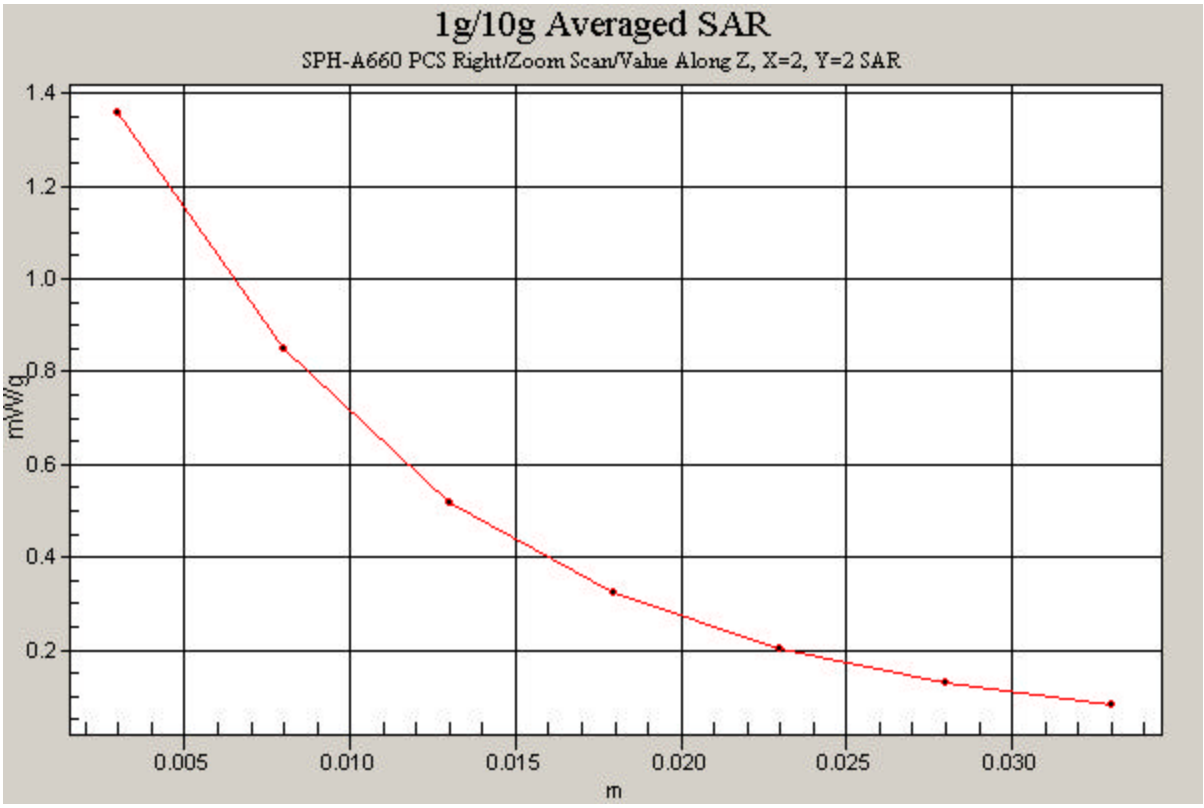
Communication System: PCS CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 Brain (σ = 1.38 mho/m, ε_r = 40.43, ρ = 1000 kg/m^3)
Phantom section: Right Section

Test Date: 01-13-2004; Ambient Temp: 22.2°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 Sn445; 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) = 1.85 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.622 mW/g
Reference Value = 6.54 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 26.0 dBm

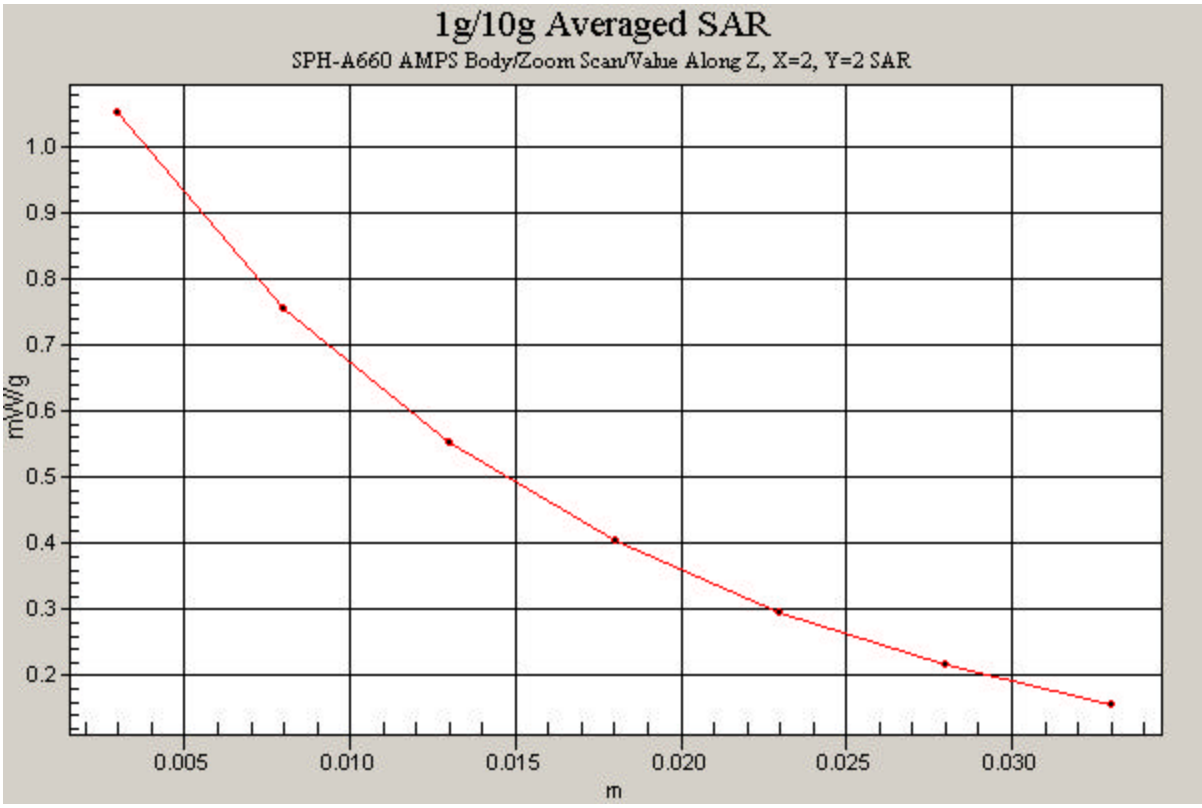
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: 835 Muscle (σ = 0.99 mho/m, ε_r = 53.21, ρ = 1000 kg/m^3)
Phantom section: Flat Section; Space: 1.9 cm with Belt Clip

Test Date: 01-14-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.9°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE3 Sn445; 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.0799, Ant Out, 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) = 1.28 W/kg
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.646 mW/g
Reference Value = 28.2 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SPH-A660; Type: SAMSUNG Tri Mode Phone; Serial: 05604376343; Conducted Power: 25.0 dBm

Communication System: PCS CDMA; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: 1900 Muscle (σ = 1.57 mho/m, ε_r = 51.62, ρ = 1000 kg/m^3)
Phantom section: Flat Section; Space: 1.9 cm with Belt Clip

Test Date: 01-15-2004; Ambient Temp: 21.7°C; Tissue Temp: 20.5°C

Probe: ES3DV2 - SN3022; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE3 Sn445; 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 (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.375 mW/g
Reference Value = 17.7 V/m