

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Touch, Ch.0383, Ant.Out, Standard Battery

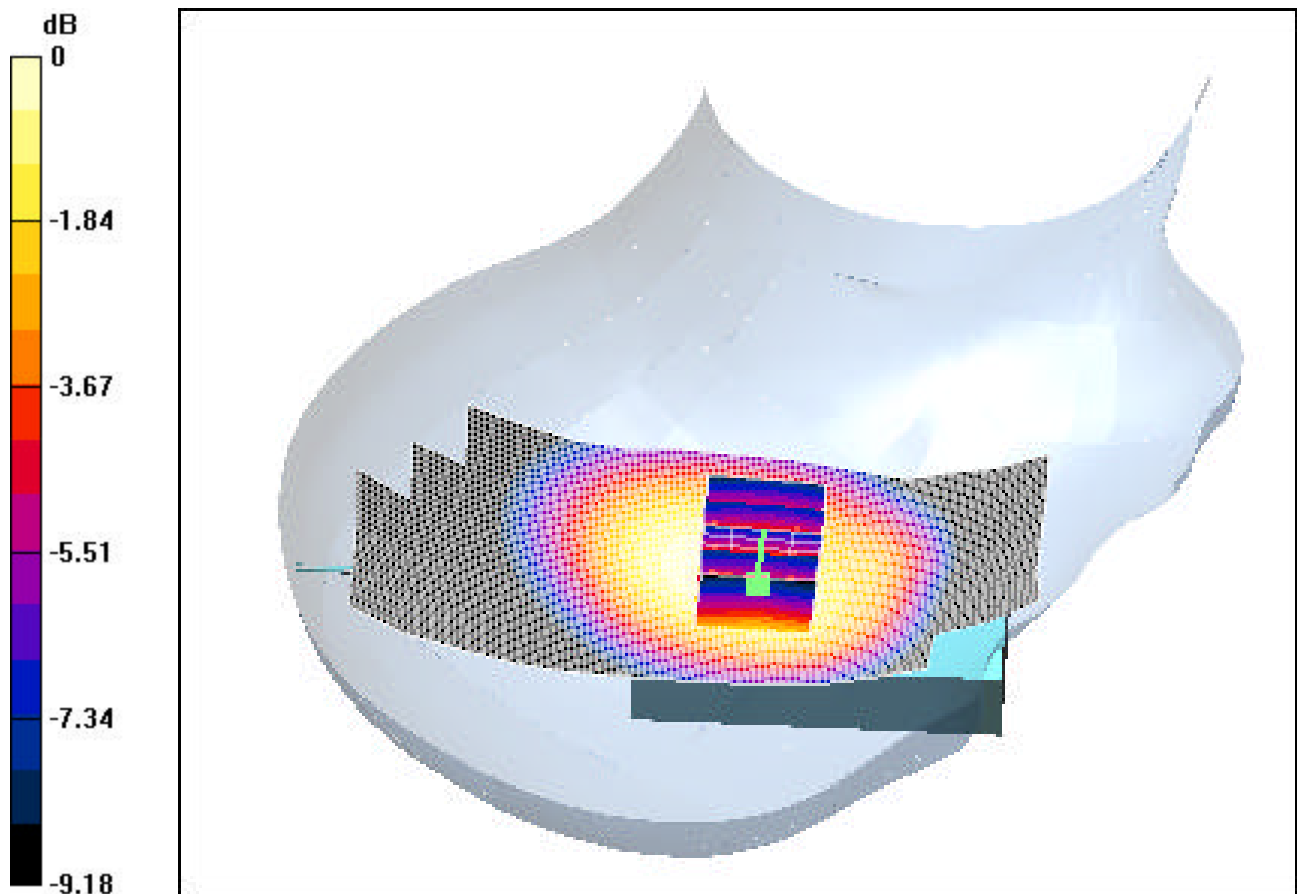
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24 V/m

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.359 mW/g



0 dB = 0.551mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0799, Ant.Out, Standard Battery

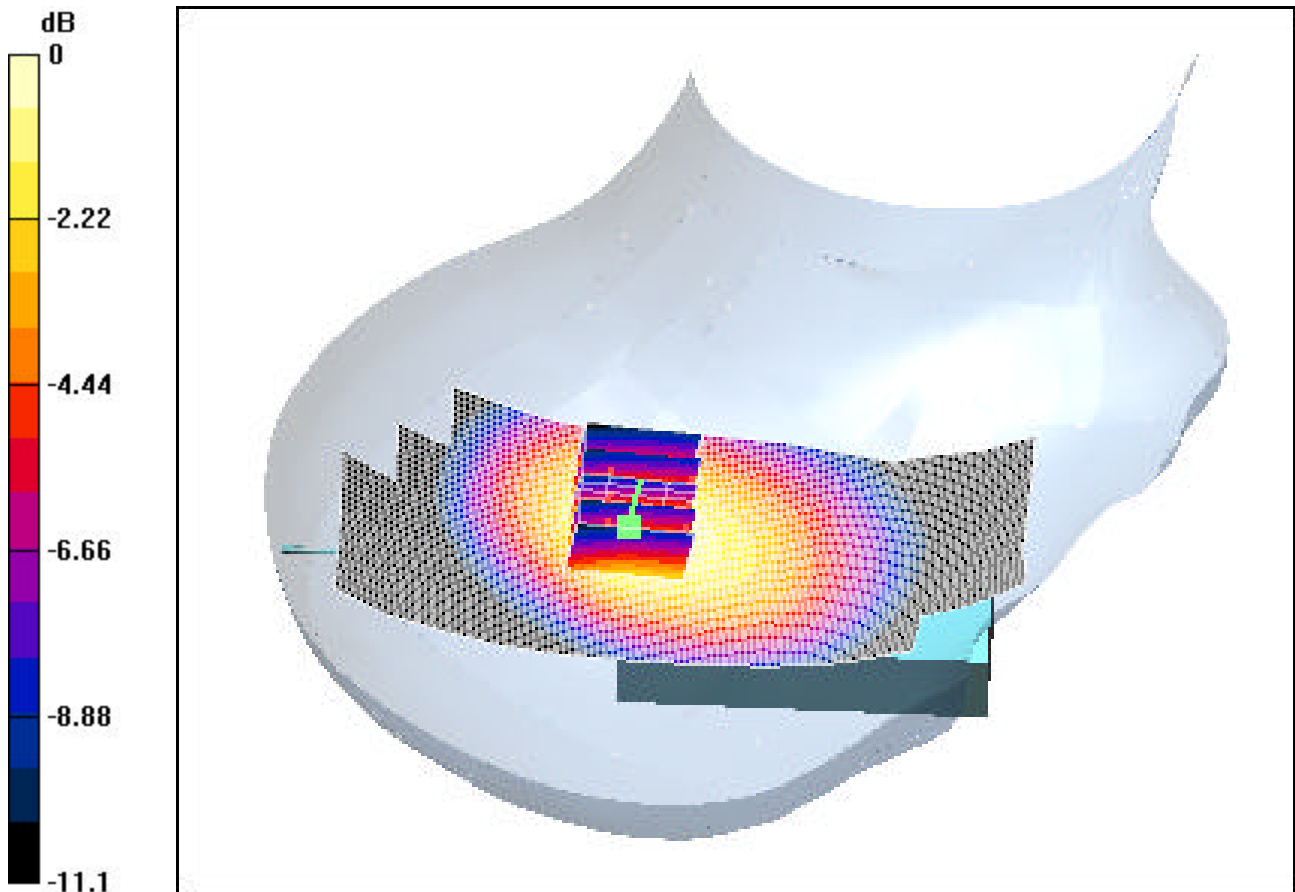
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 30.7 V/m

Maximum value of SAR (measured) = 0.889 mW/g

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.516 mW/g



0 dB = 0.889mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-11-2004; 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Touch, Ch.0383, Ant.In, Standard Battery

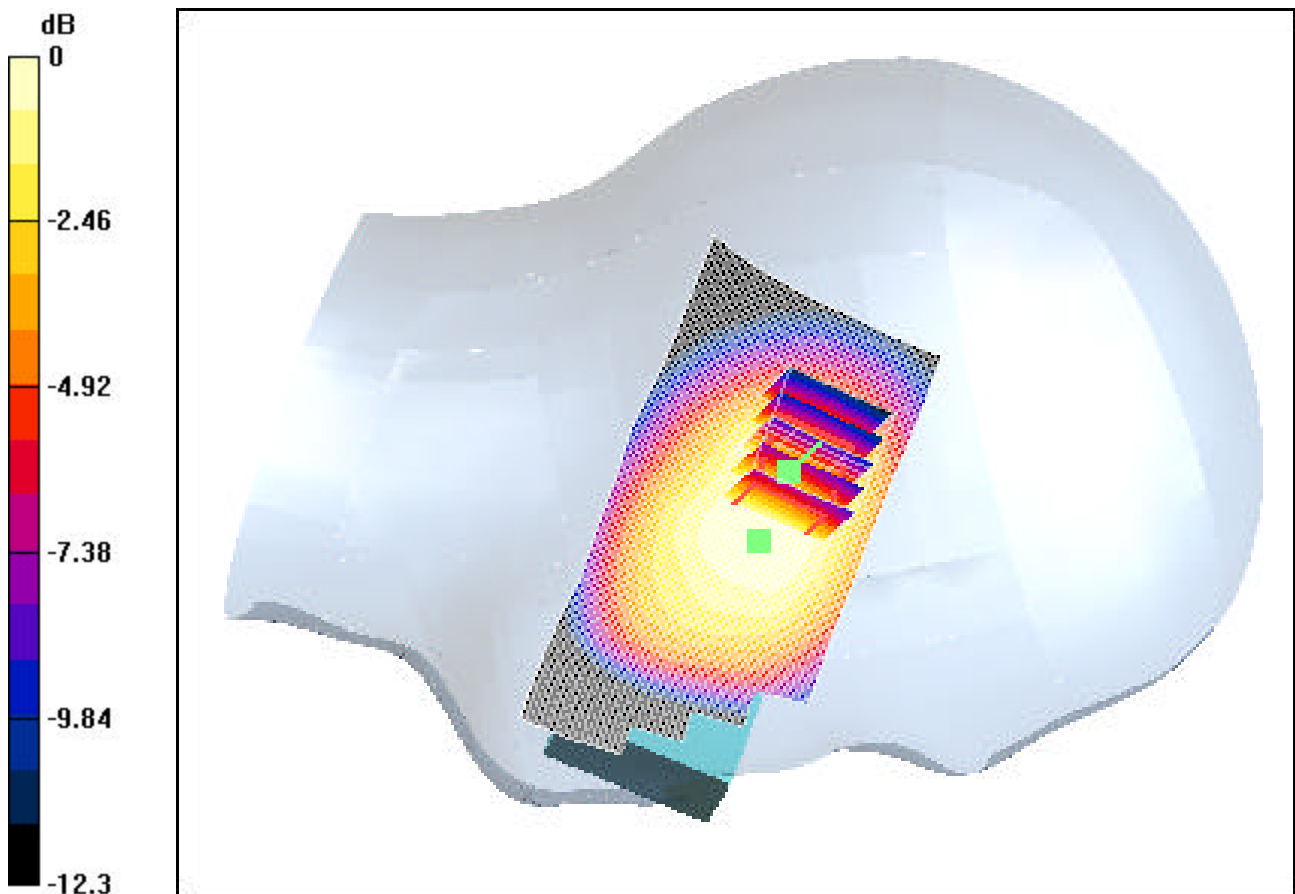
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 23.7 V/m

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.339 mW/g



0 dB = 0.543mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 55.26$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-11-2004; 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0799, Ant.In, Standard Battery

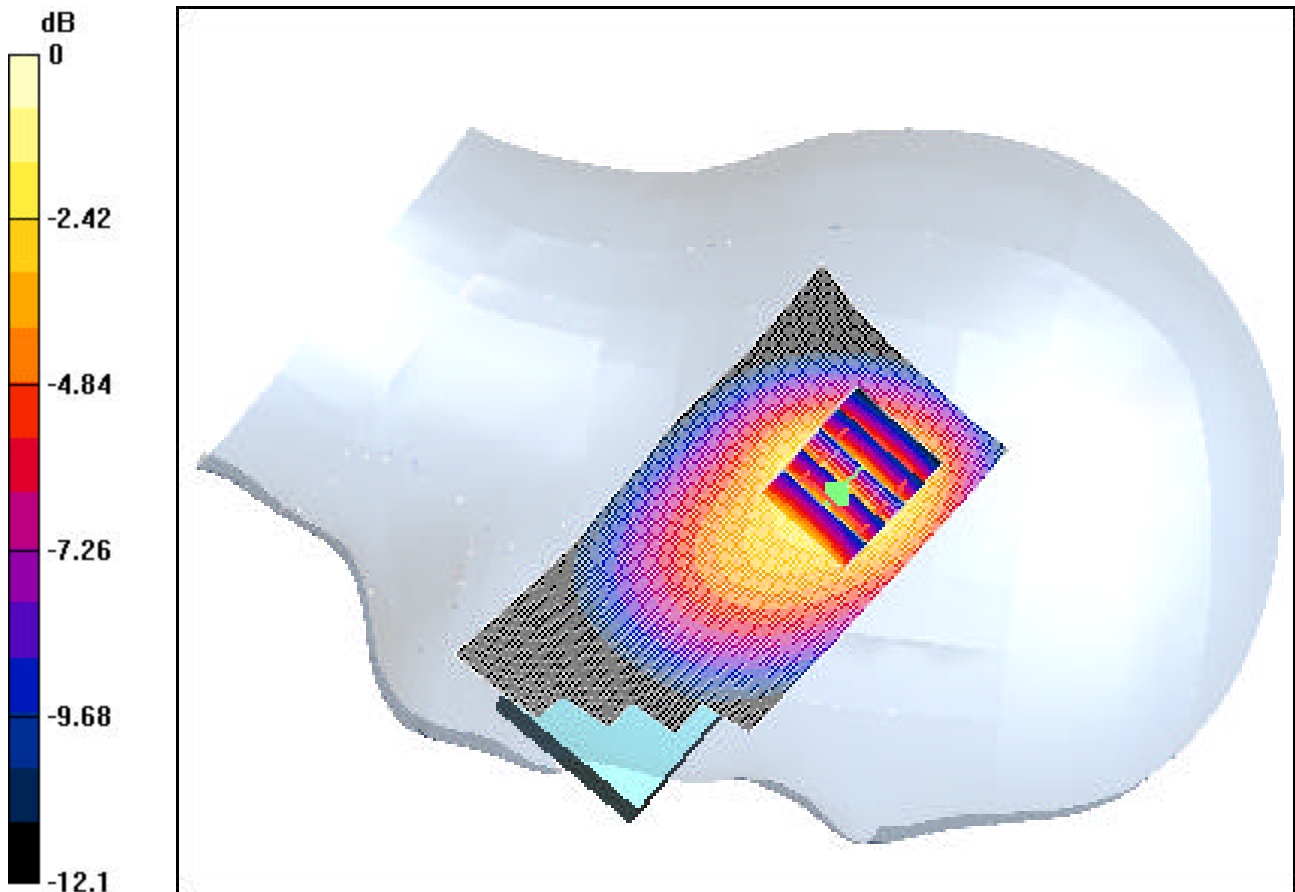
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 34.4 V/m

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.764 mW/g



0 dB = 1.47mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Touch, Ch.0383, Ant.Out, Standard Battery

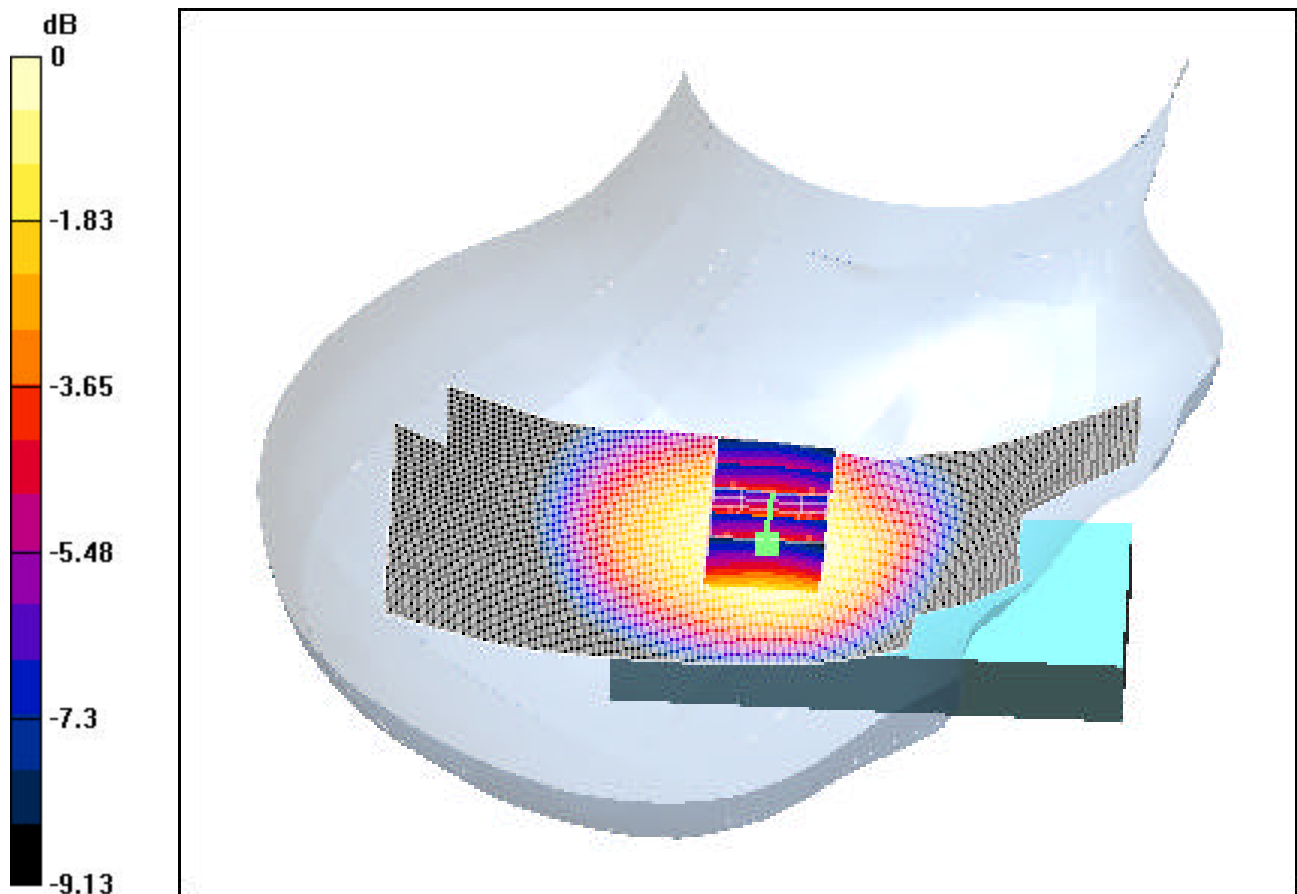
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.3 V/m

Maximum value of SAR (measured) = 0.154 mW/g

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.103 mW/g



0 dB = 0.154mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Tilt, Ch.0383, Ant.Out, Standard Battery

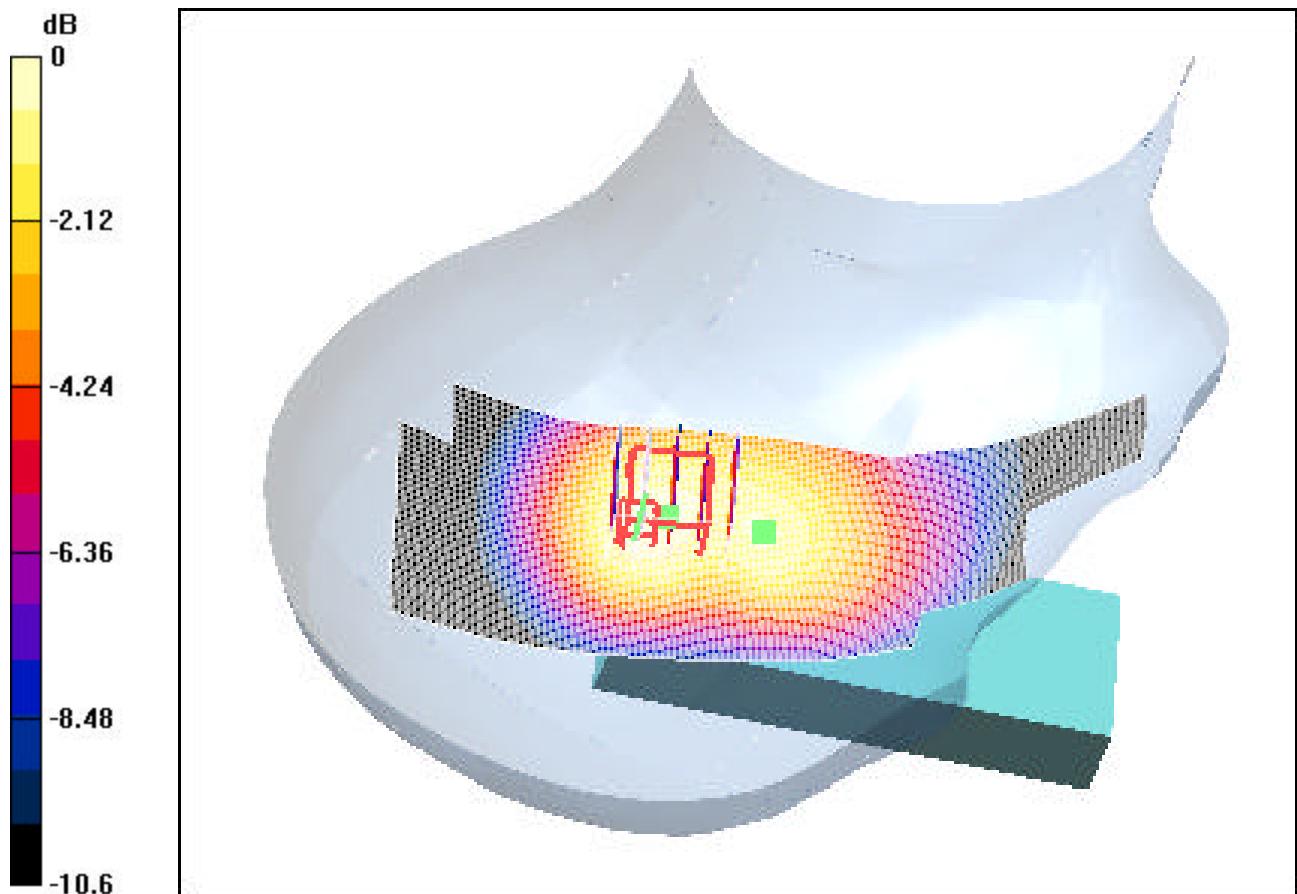
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.81 V/m

Maximum value of SAR (measured) = 0.077 mW/g

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.044 mW/g



0 dB = 0.077mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Touch, Ch.0383, Ant.Out, Standard Battery

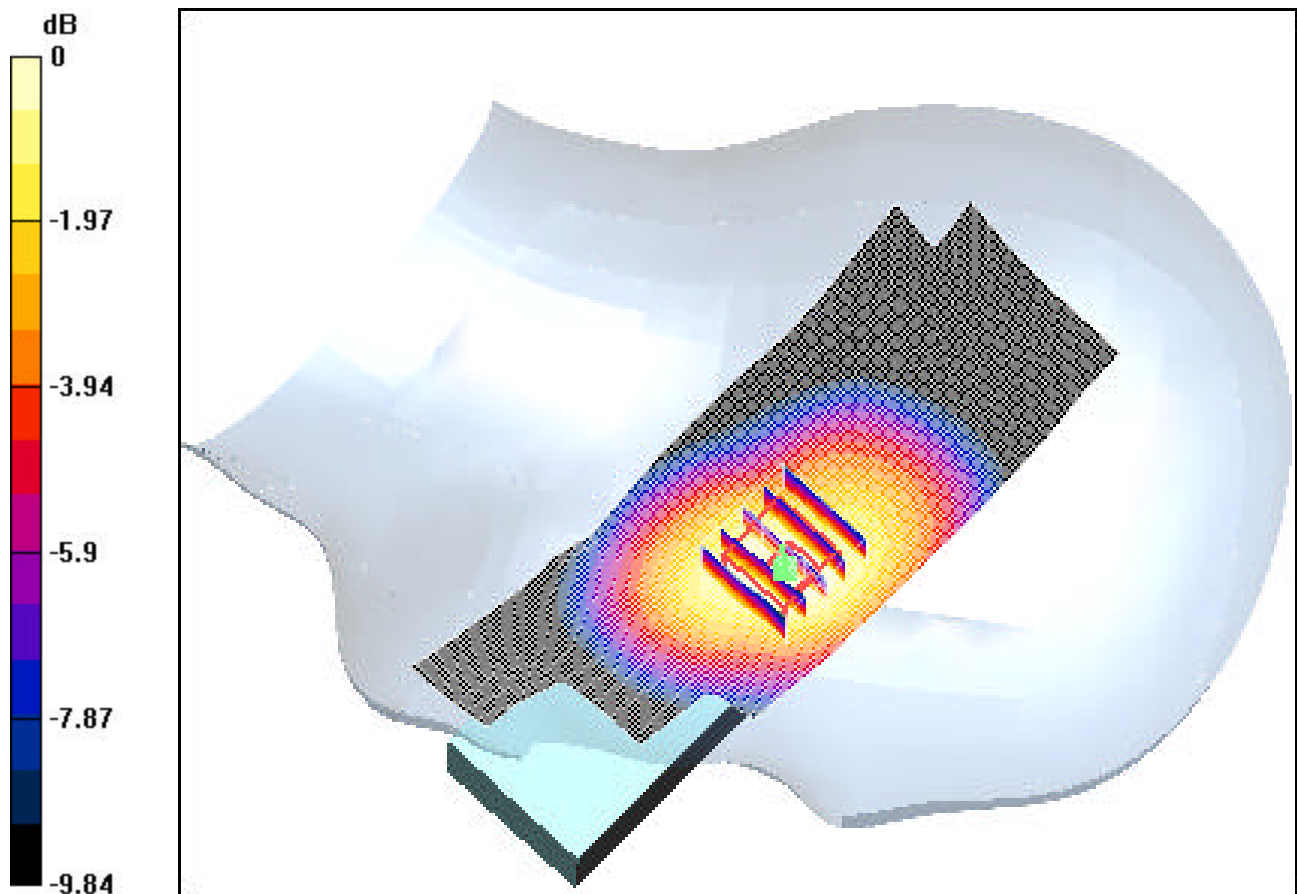
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.87 V/m

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.112 mW/g



0 dB = 0.175mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Tilt, Ch.0383, Ant.Out, Standard Battery

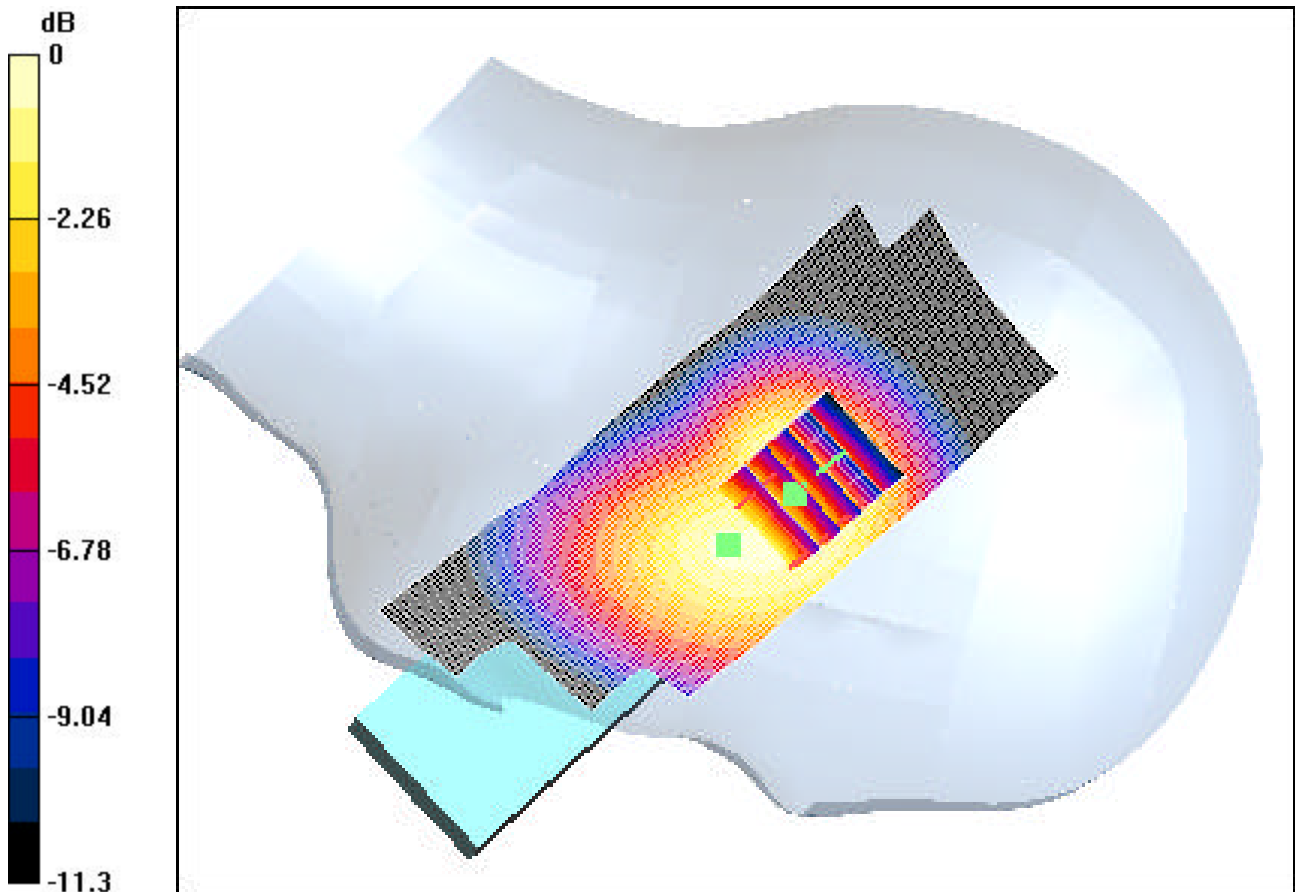
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.96 V/m

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.059 mW/g



0 dB = 0.099mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Touch, Ch.0383, Ant.Out, Standard Battery

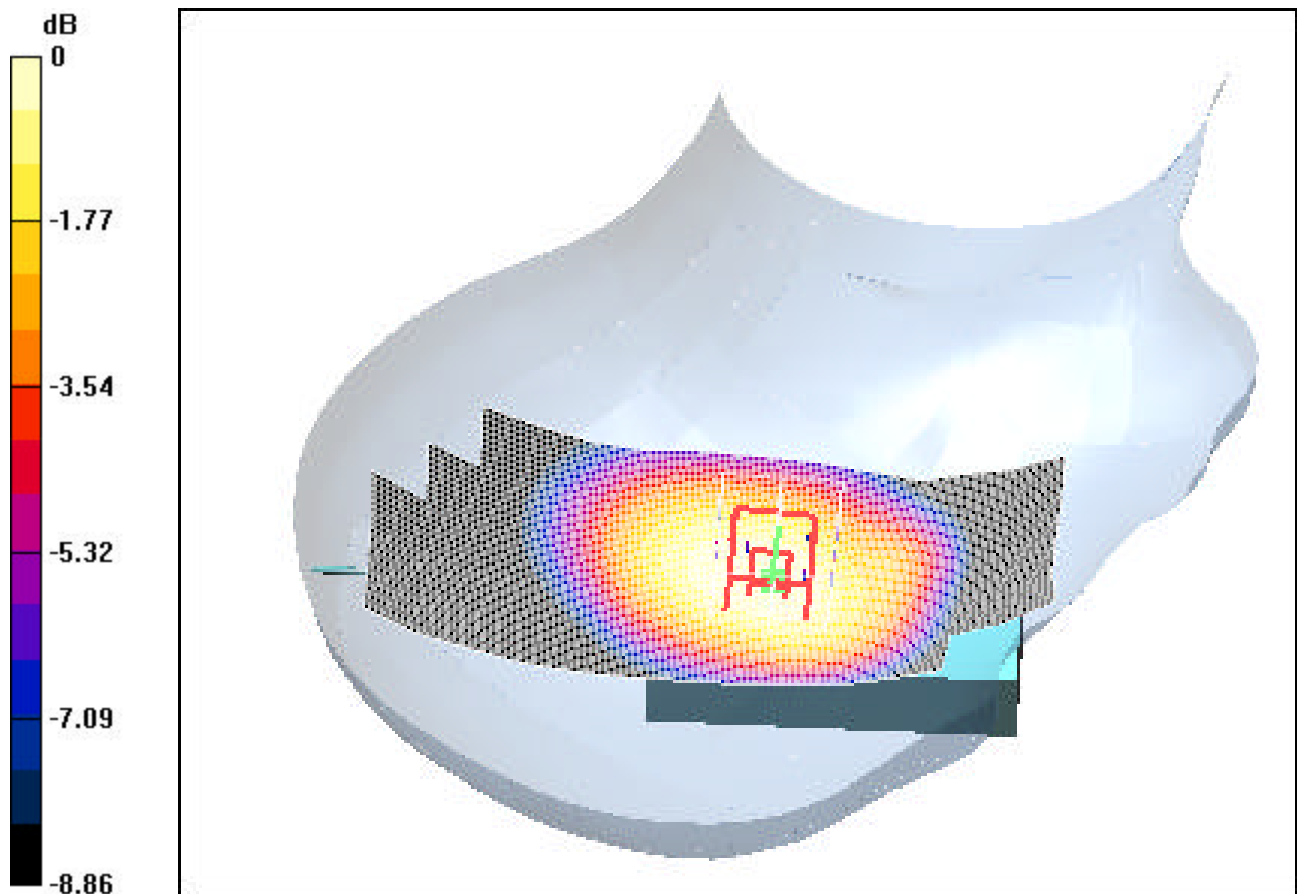
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.6 V/m

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.221 mW/g



0 dB = 0.335mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0777, Ant.Out, Standard Battery

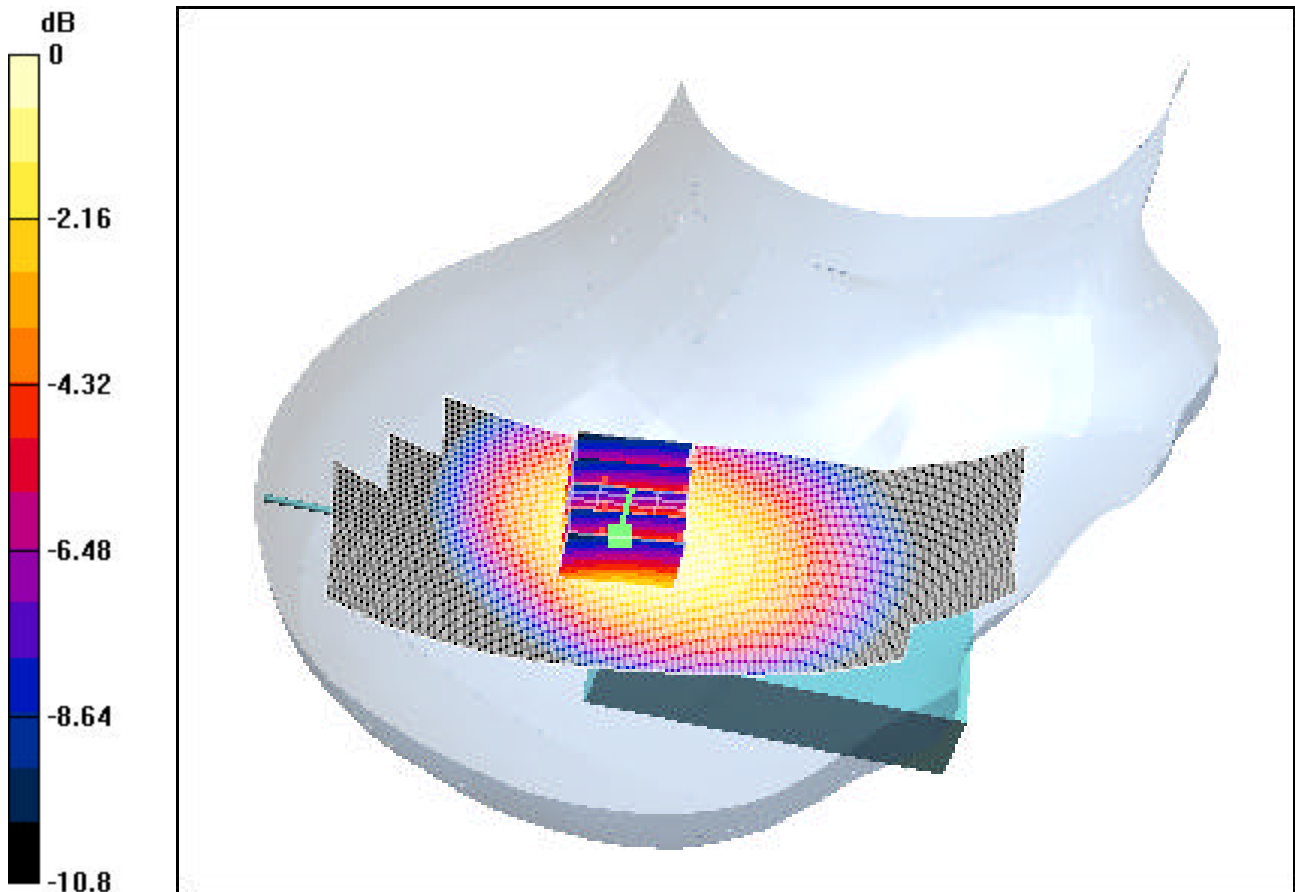
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.7 V/m

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.343 mW/g



0 dB = 0.572mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Touch, Ch.0383, Ant.In, Standard Battery

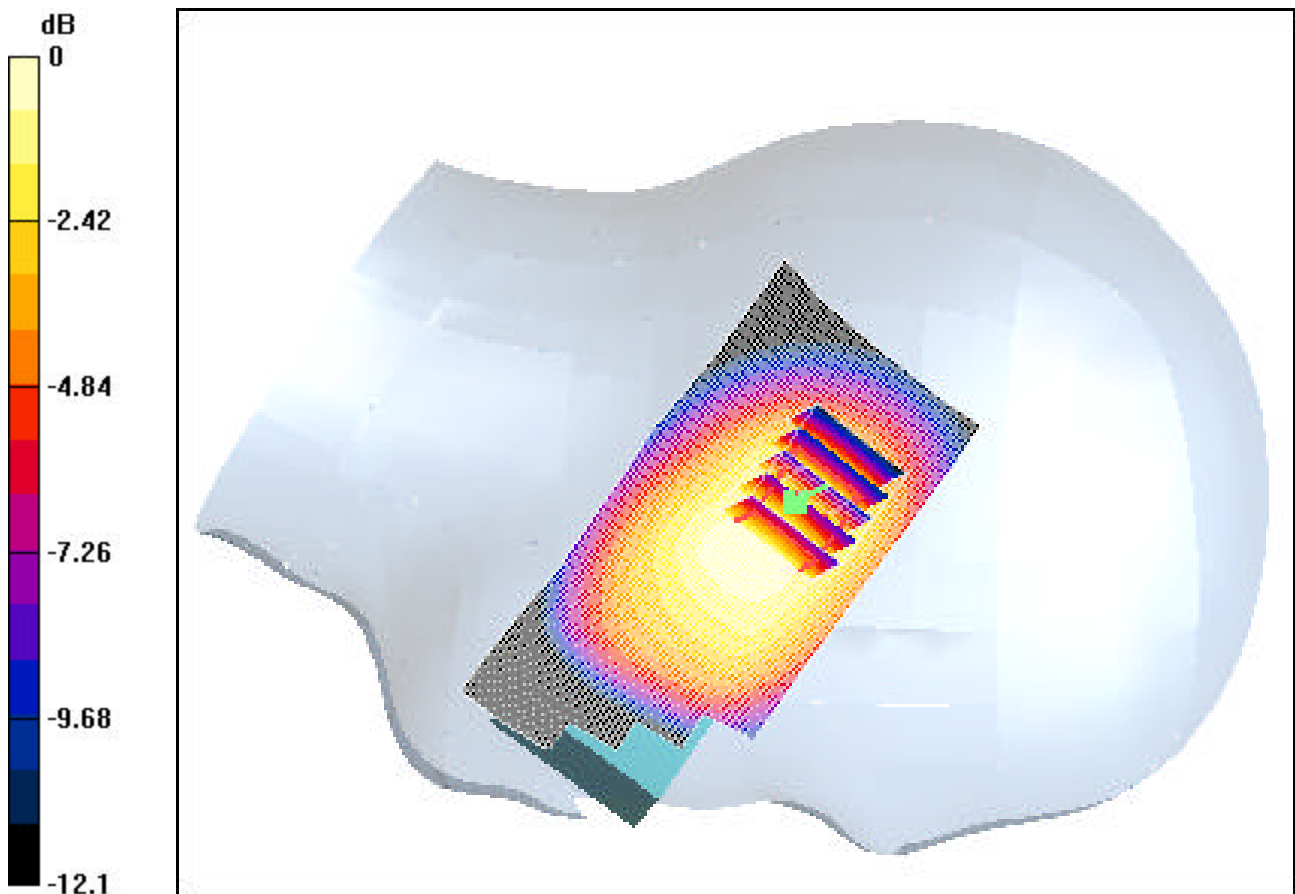
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.9 V/m

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.202 mW/g



0 dB = 0.327mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0777, Ant.In, Standard Battery

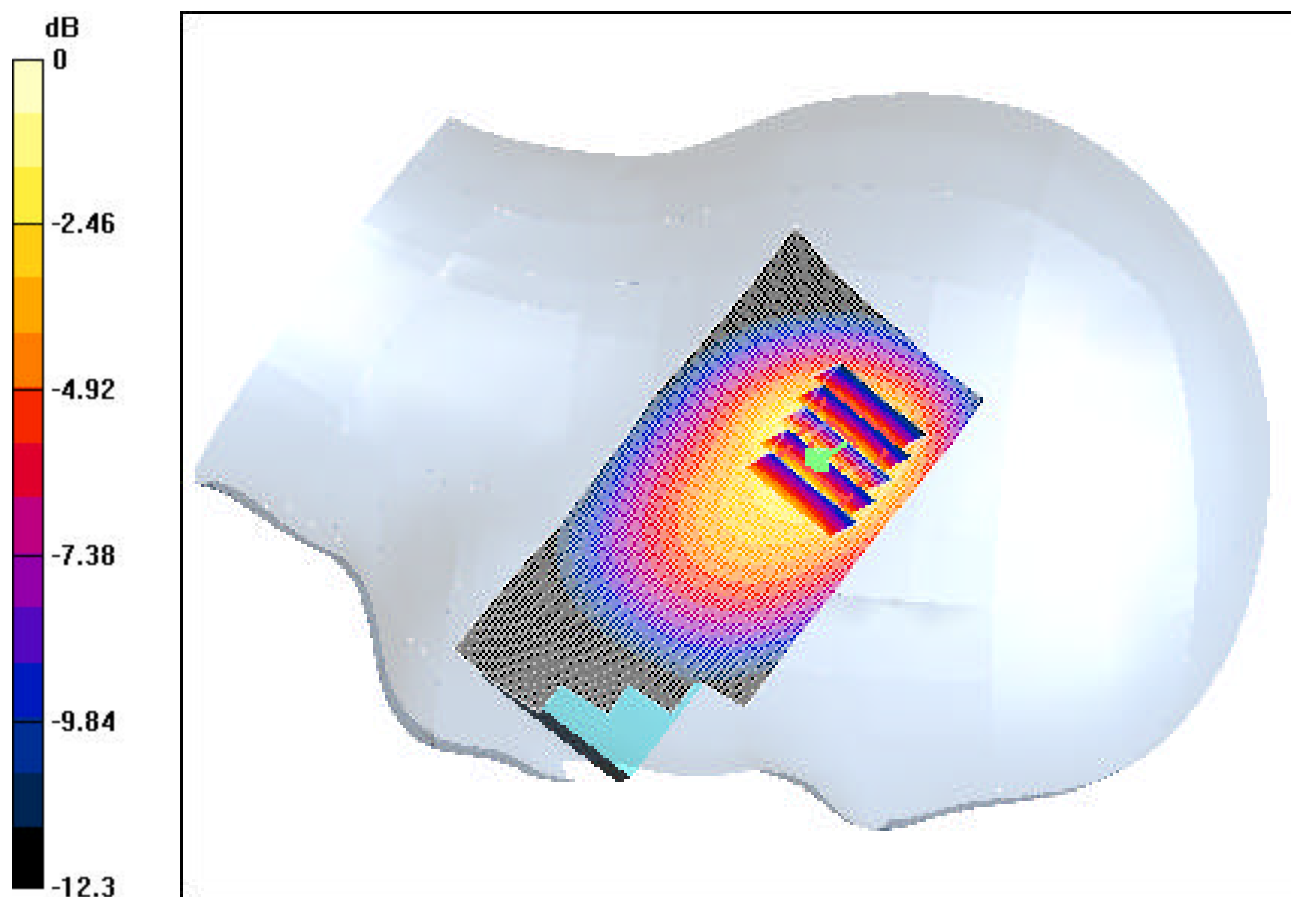
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.8 V/m

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.394 mW/g



0 dB = 0.758mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Touch, Ch.0383, Ant.Out, Standard Battery

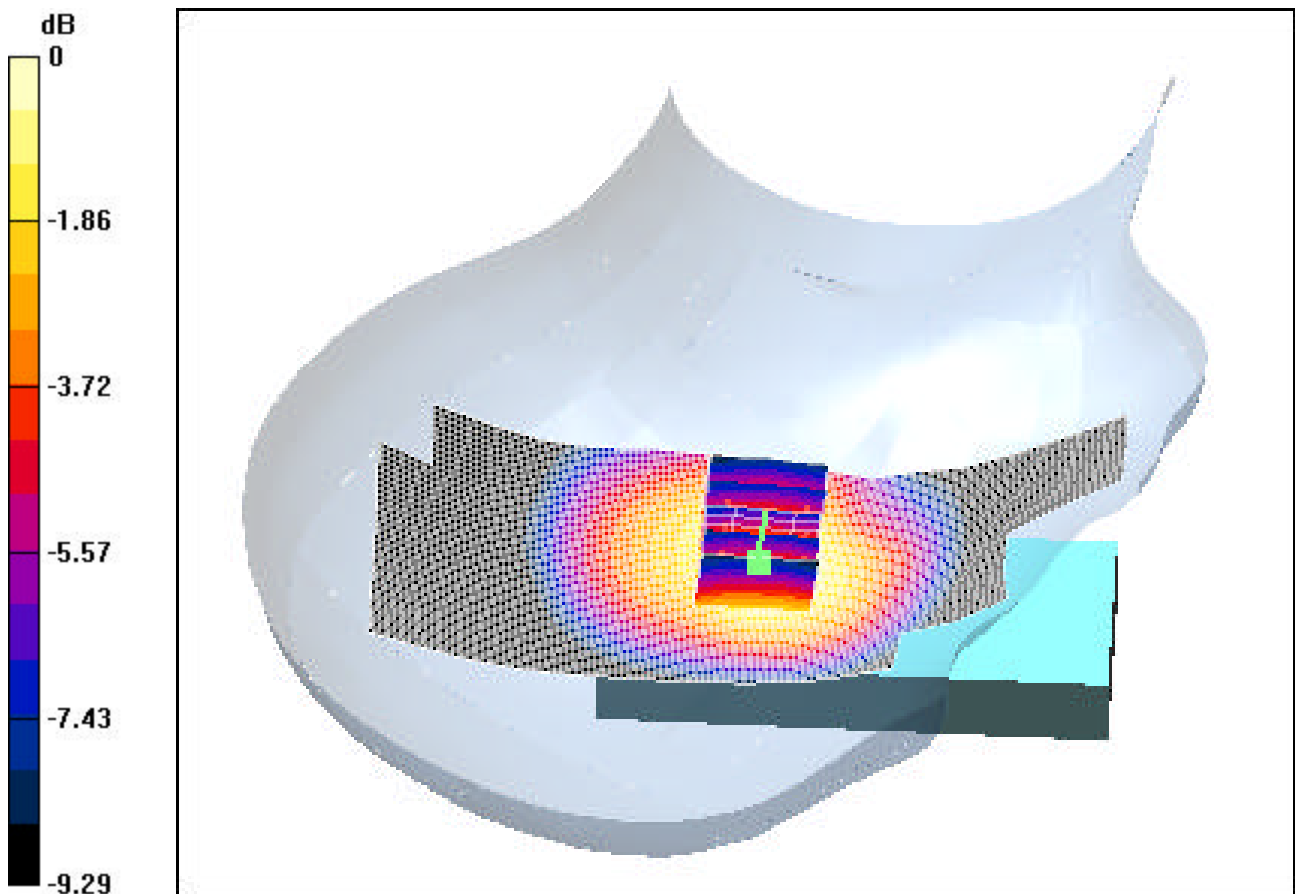
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.67 V/m

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g



0 dB = 0.097mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Tilt, Ch.0383, Ant.Out, Standard Battery

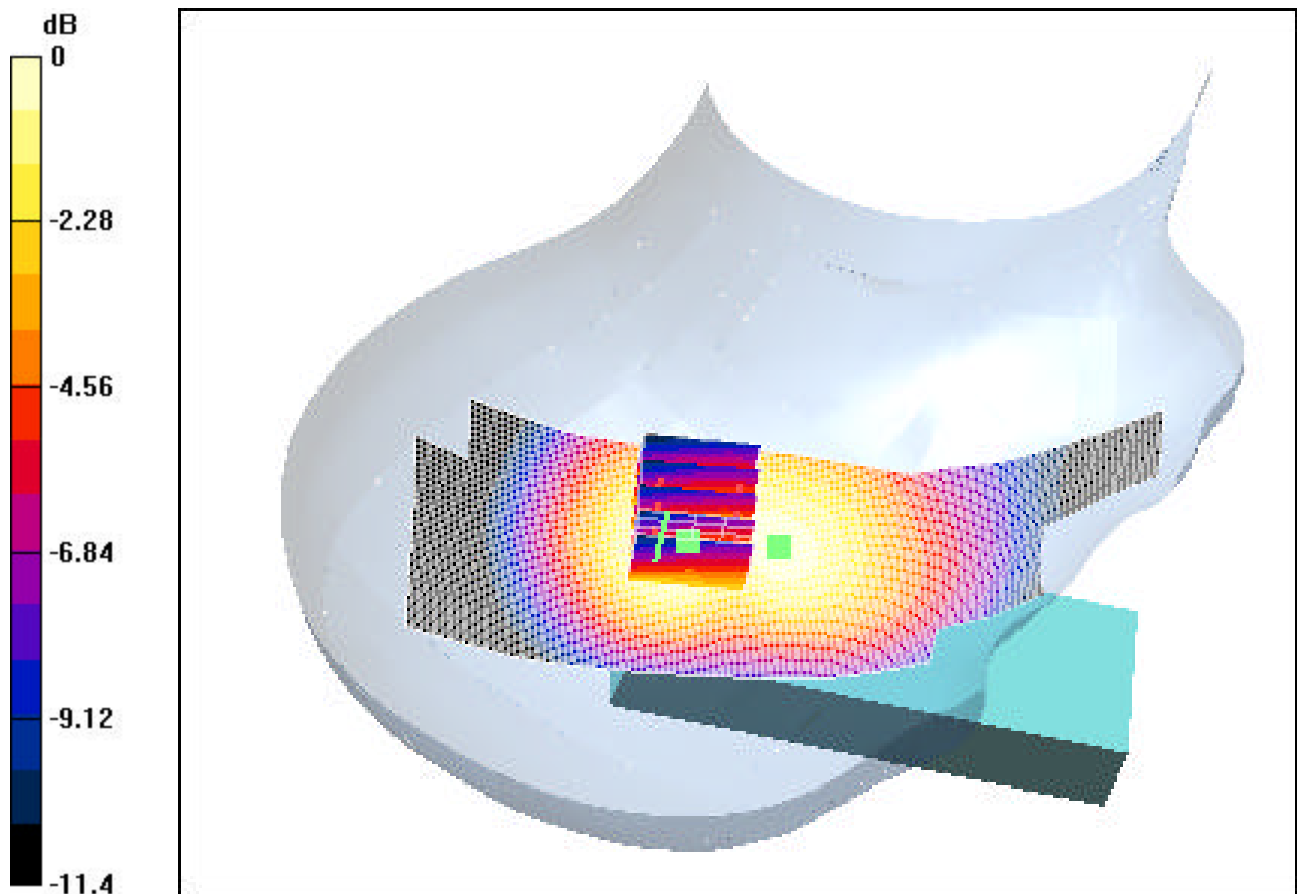
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.27 V/m

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.026 mW/g



0 dB = 0.047mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Touch, Ch.0383, Ant.Out, Standard Battery

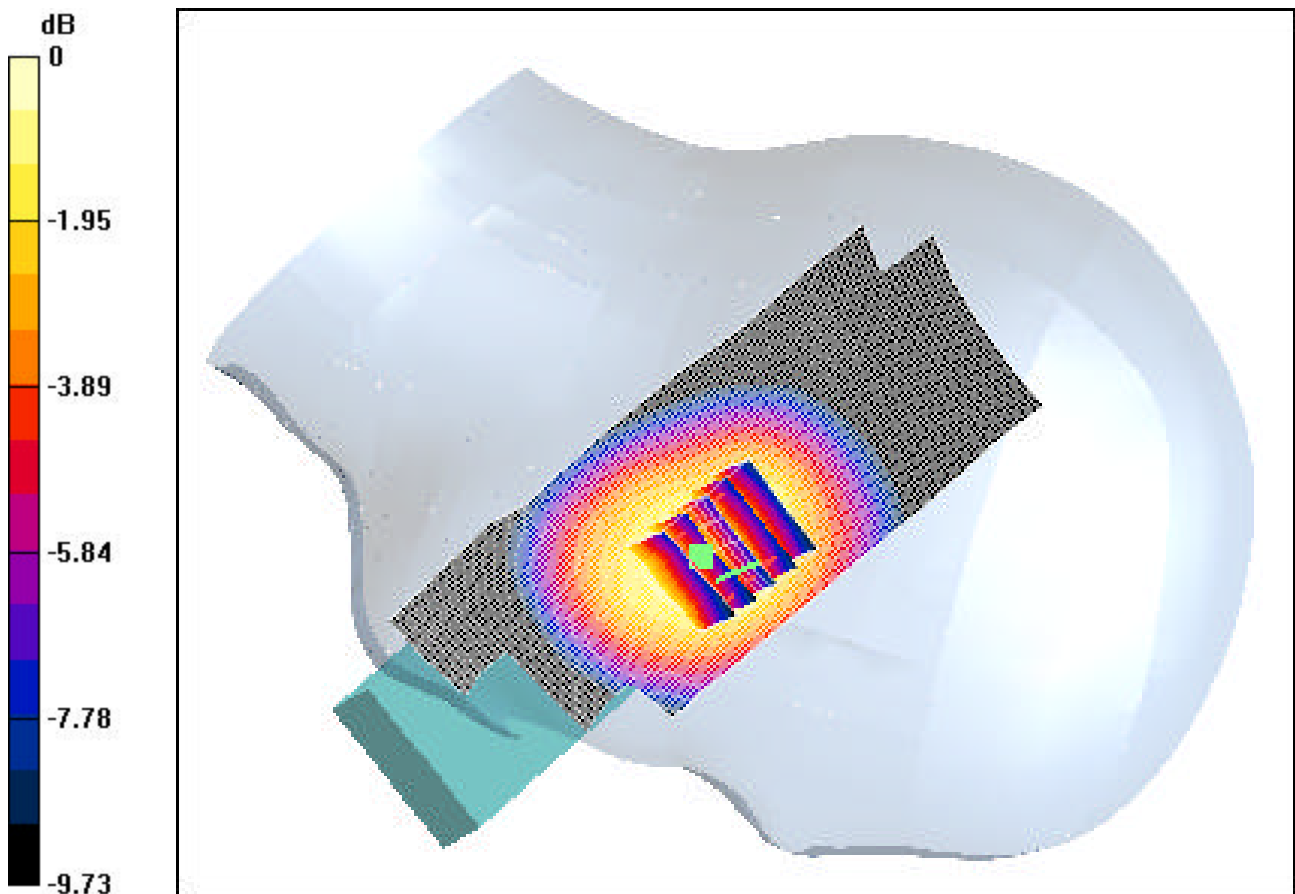
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.28 V/m

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.083 mW/g



0 dB = 0.132mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-12-2004; Ambient Temp: 23.5°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Tilt, Ch.0383, Ant.Out, Standard Battery

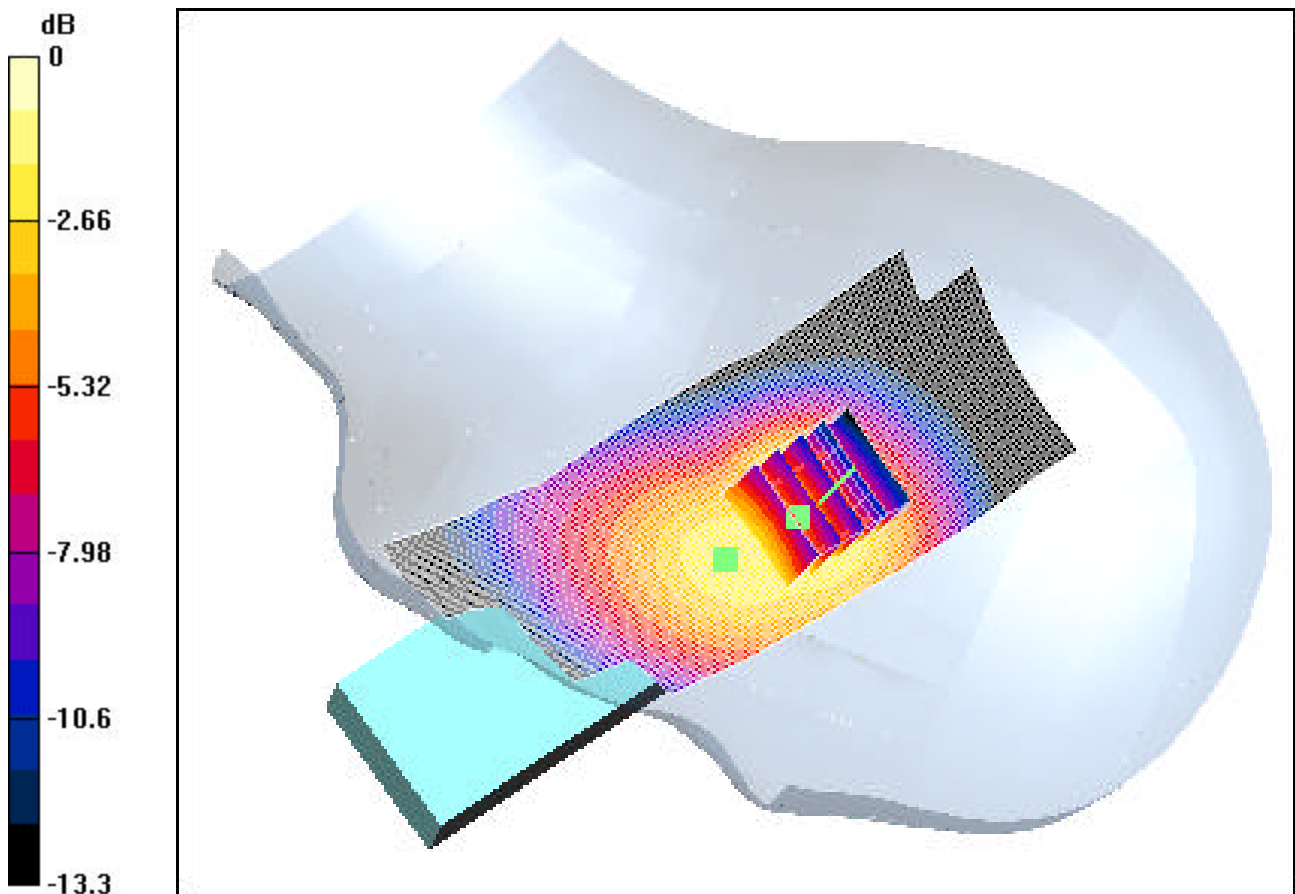
Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.01 V/m

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.045 mW/g



0 dB = 0.090mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-18-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.3°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Touch, Ch.0600, Ant.In, Standard Battery

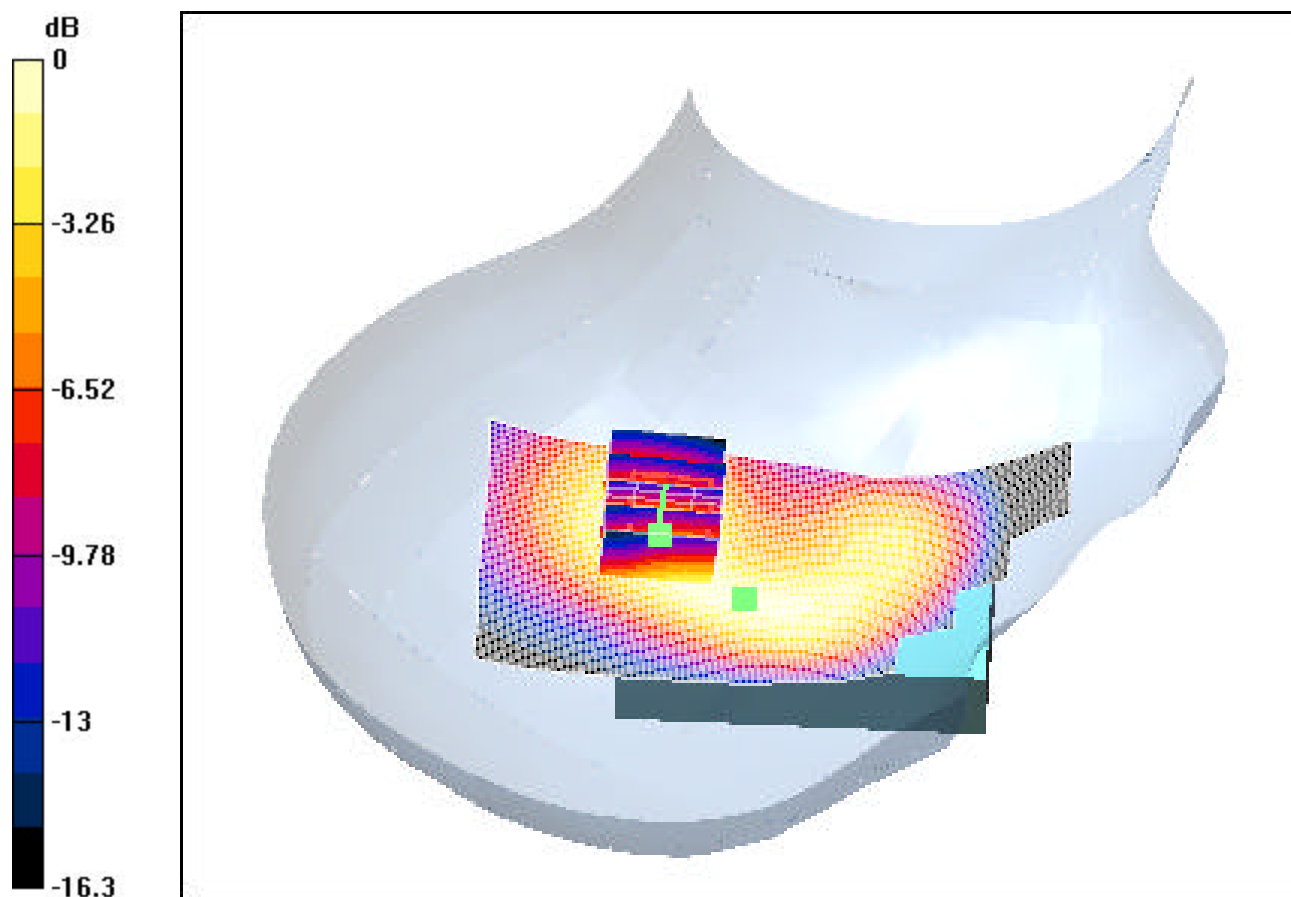
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.5 V/m

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.191 mW/g



0 dB = 0.373mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-13-2004; Ambient Temp: 23.8°C; Tissue Temp: 21.8°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0025, Ant.In, Standard Battery

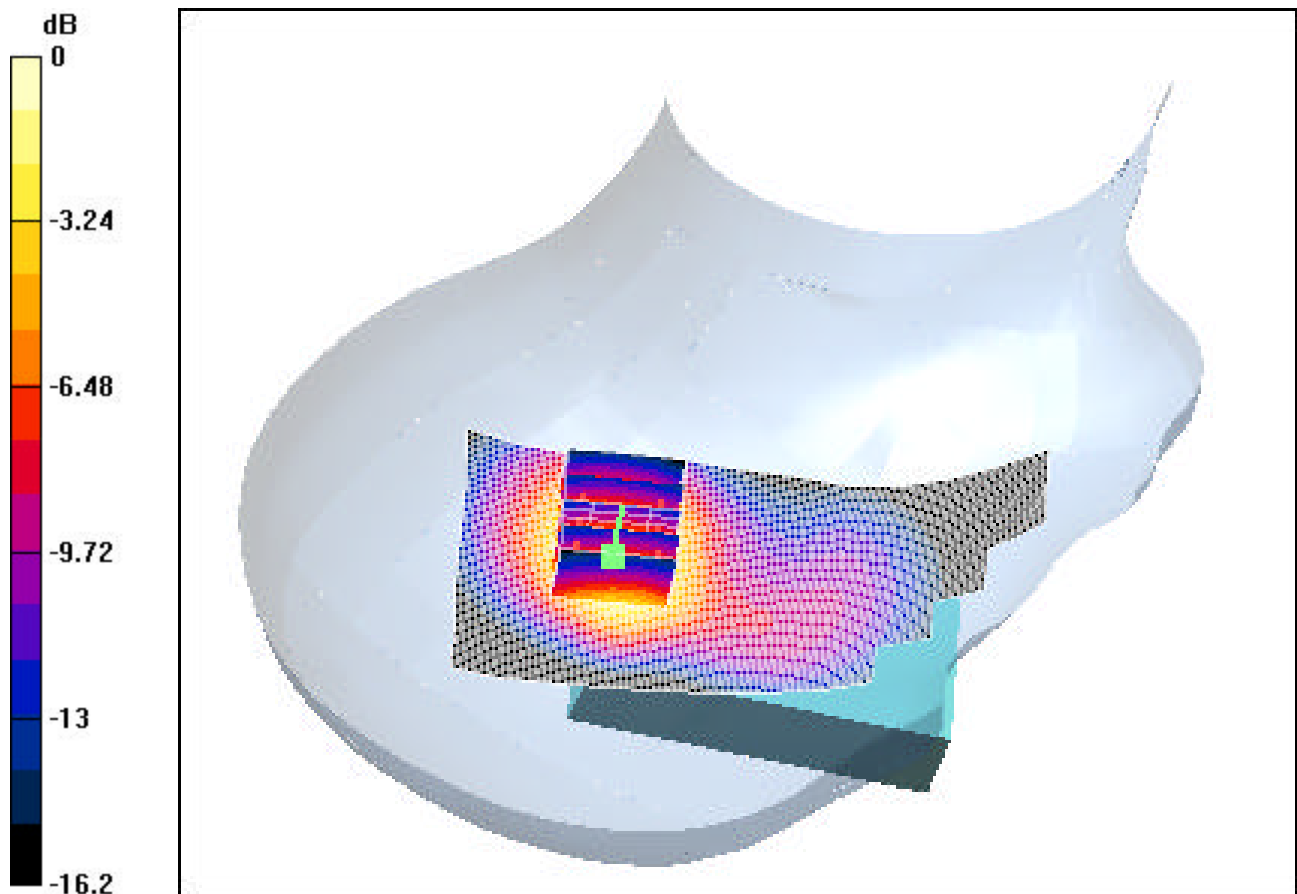
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 23.8 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.410 mW/g



0 dB = 0.847mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-17-2004; 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Touch, Ch.0600, Ant.In, Standard Battery

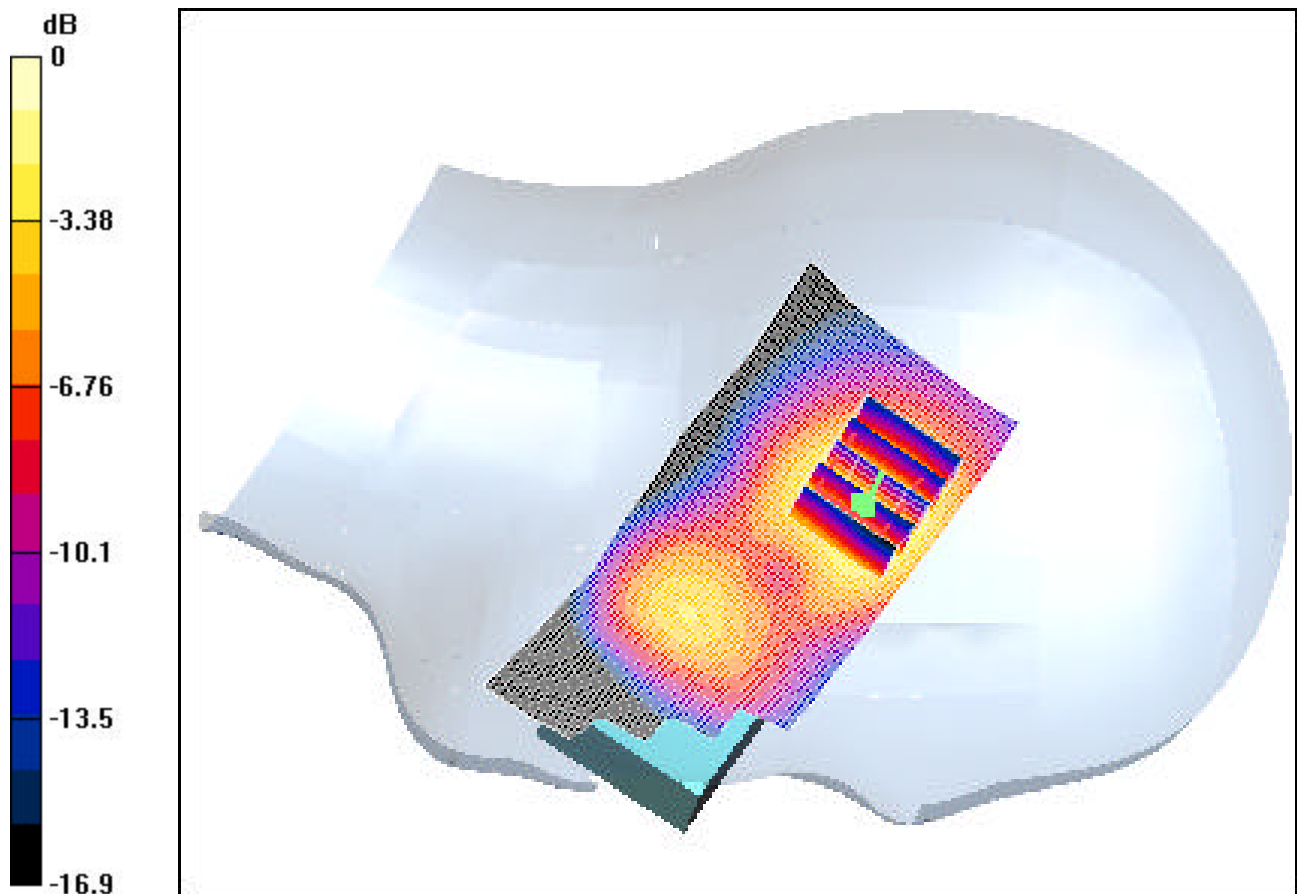
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.4 V/m

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.312 mW/g



0 dB = 0.676mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-13-2004; Ambient Temp: 23.8°C; Tissue Temp: 21.8°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0025, Ant.In, Standard Battery

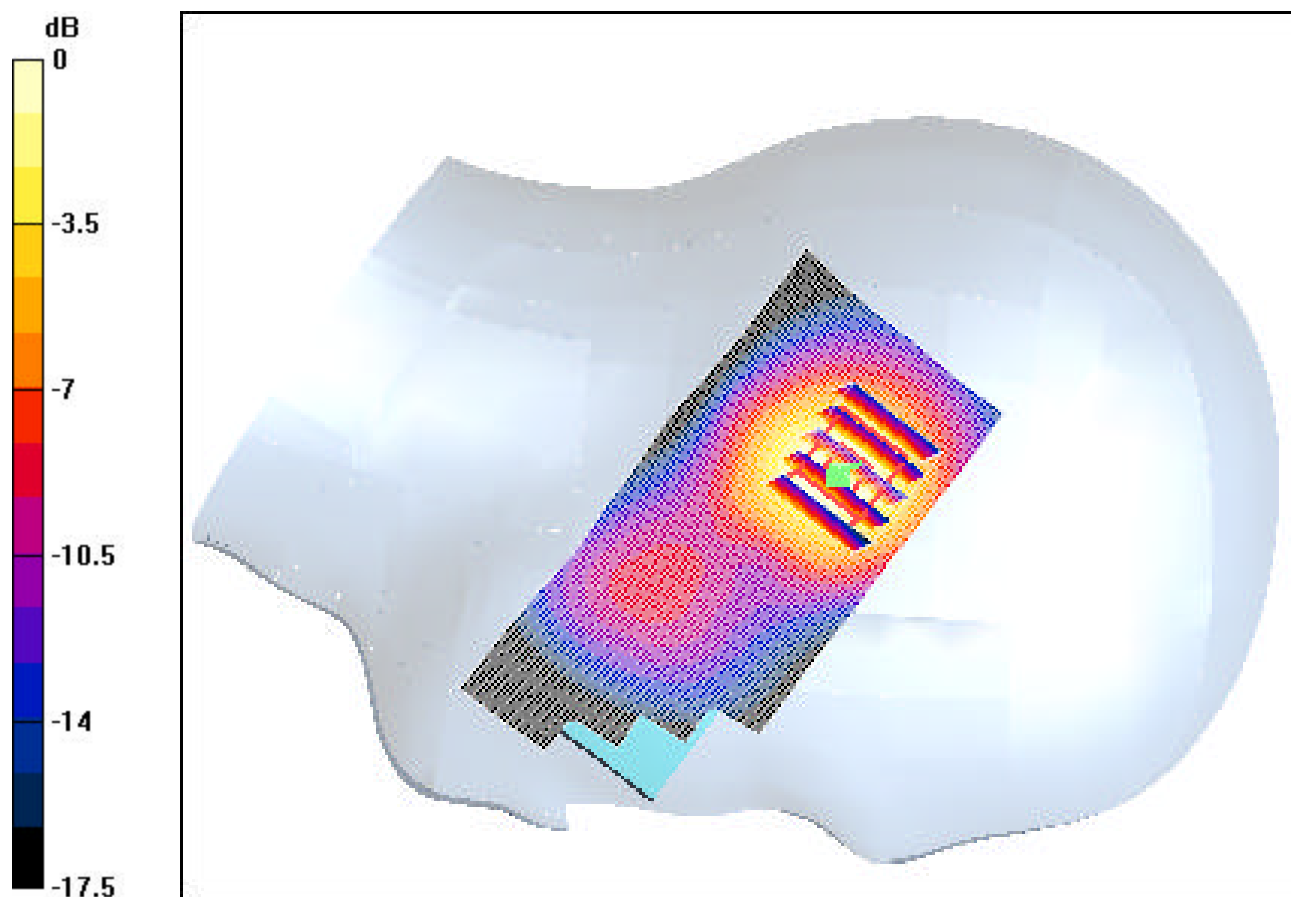
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 25.9 V/m

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.572 mW/g



0 dB = 1.25mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-18-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.3°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Touch, Ch.0600, Ant.In, Standard Battery

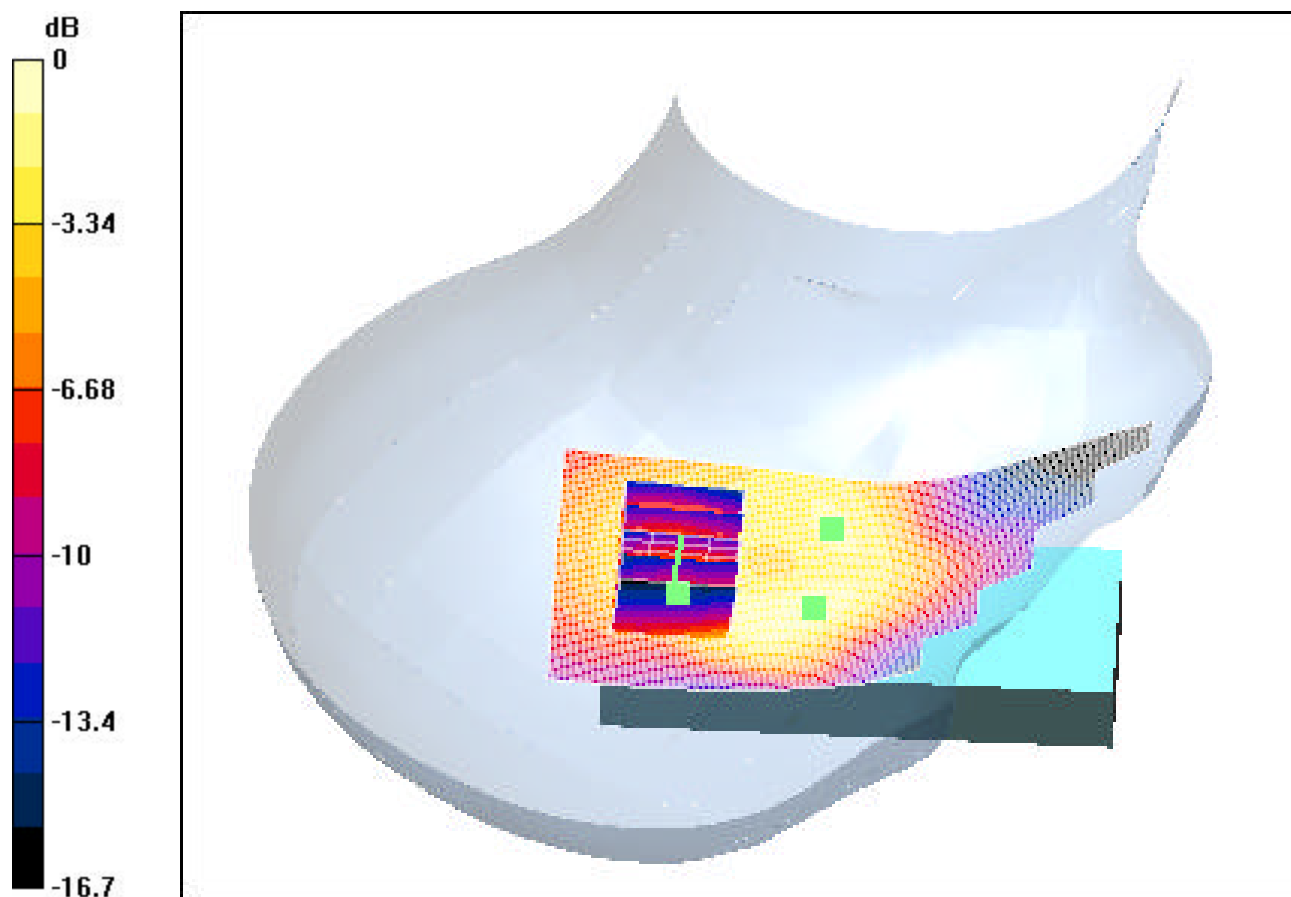
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.6 V/m

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.145 mW/g



0 dB = 0.300mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-18-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.3°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Tilt, Ch.0600, Ant.In, Standard Battery

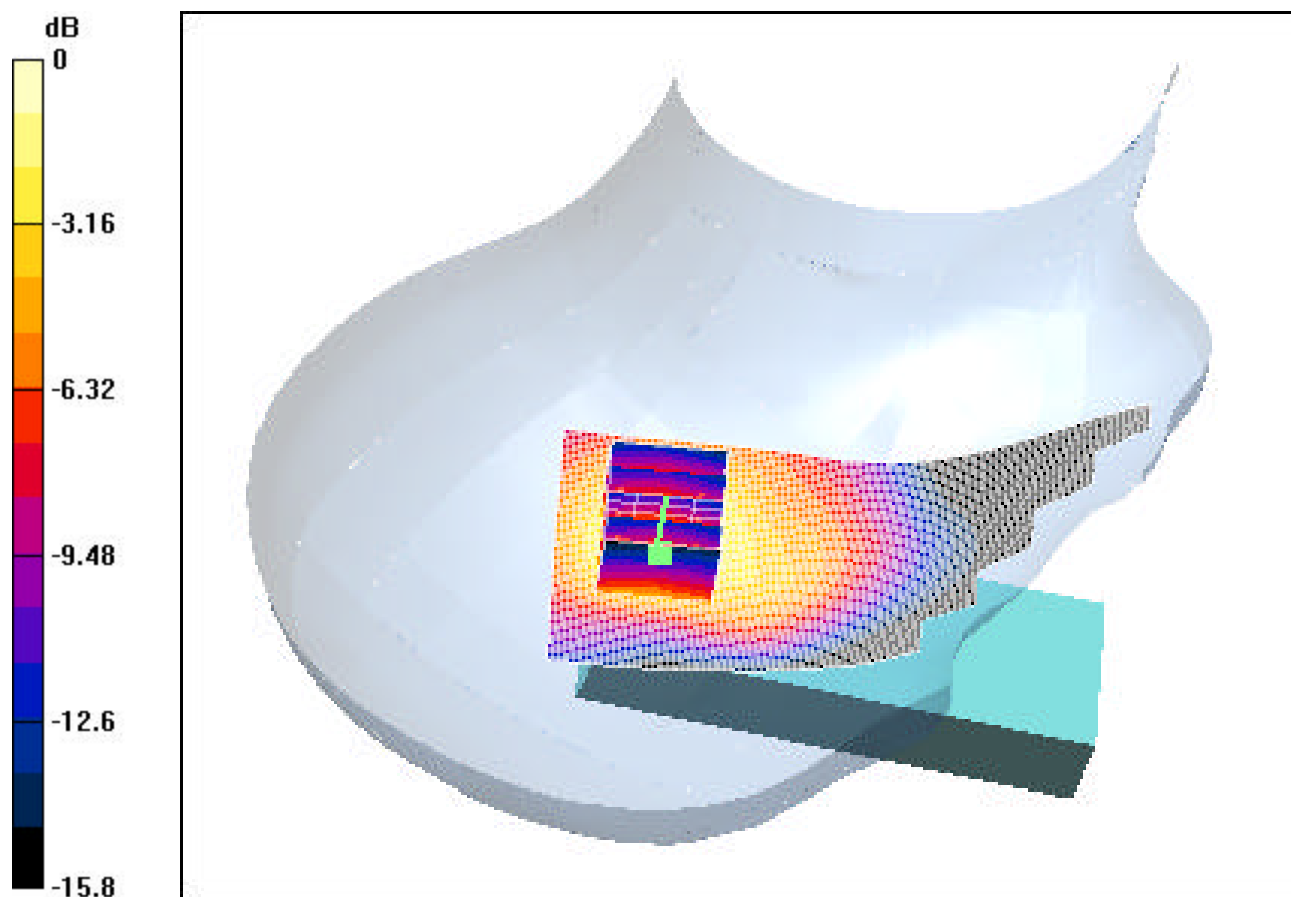
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.7 V/m

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.211 mW/g



0 dB = 0.429mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-17-2004; 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Touch, Ch.0600, Ant.In, Standard Battery

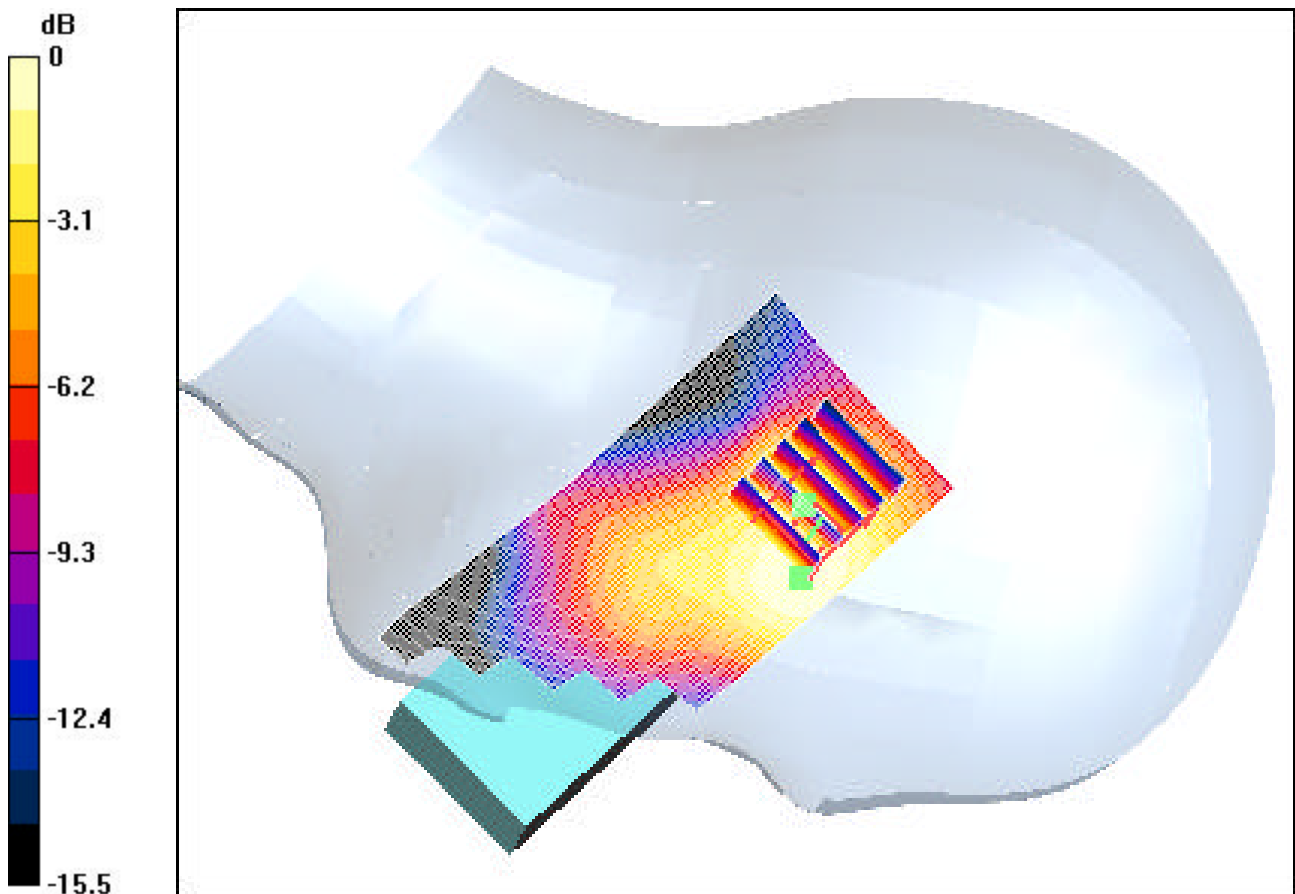
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.3 V/m

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.181 mW/g



0 dB = 0.359mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-17-2004; 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Tilt, Ch.0600, Ant.In, Standard Battery

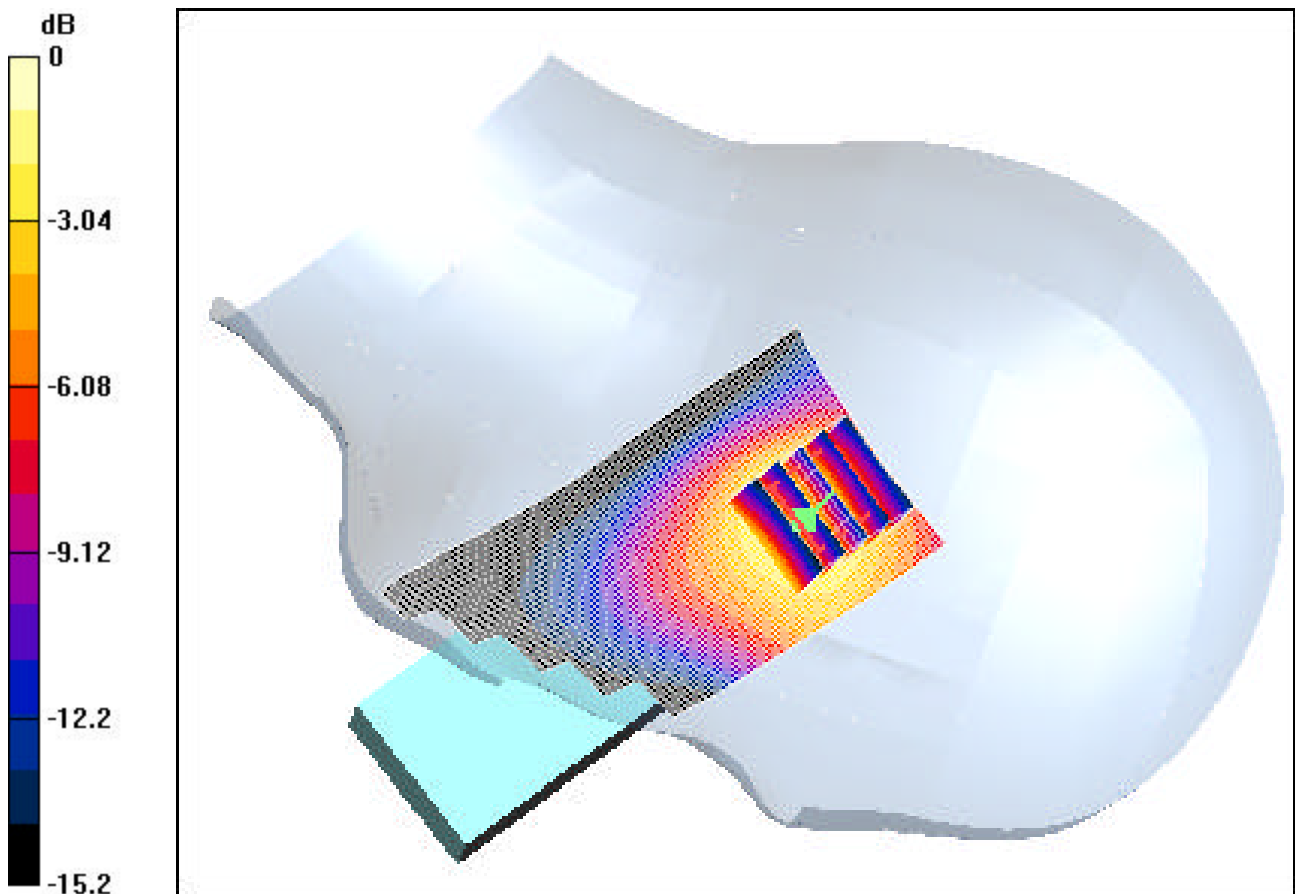
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.5 V/m

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.226 mW/g



0 dB = 0.460mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 55.12$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-14-2004; Ambient Temp: 23.2°C; Tissue Temp: 20.7°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

ACE antenna, Slide In, Ch.0799, Ant Out, Standard Battery

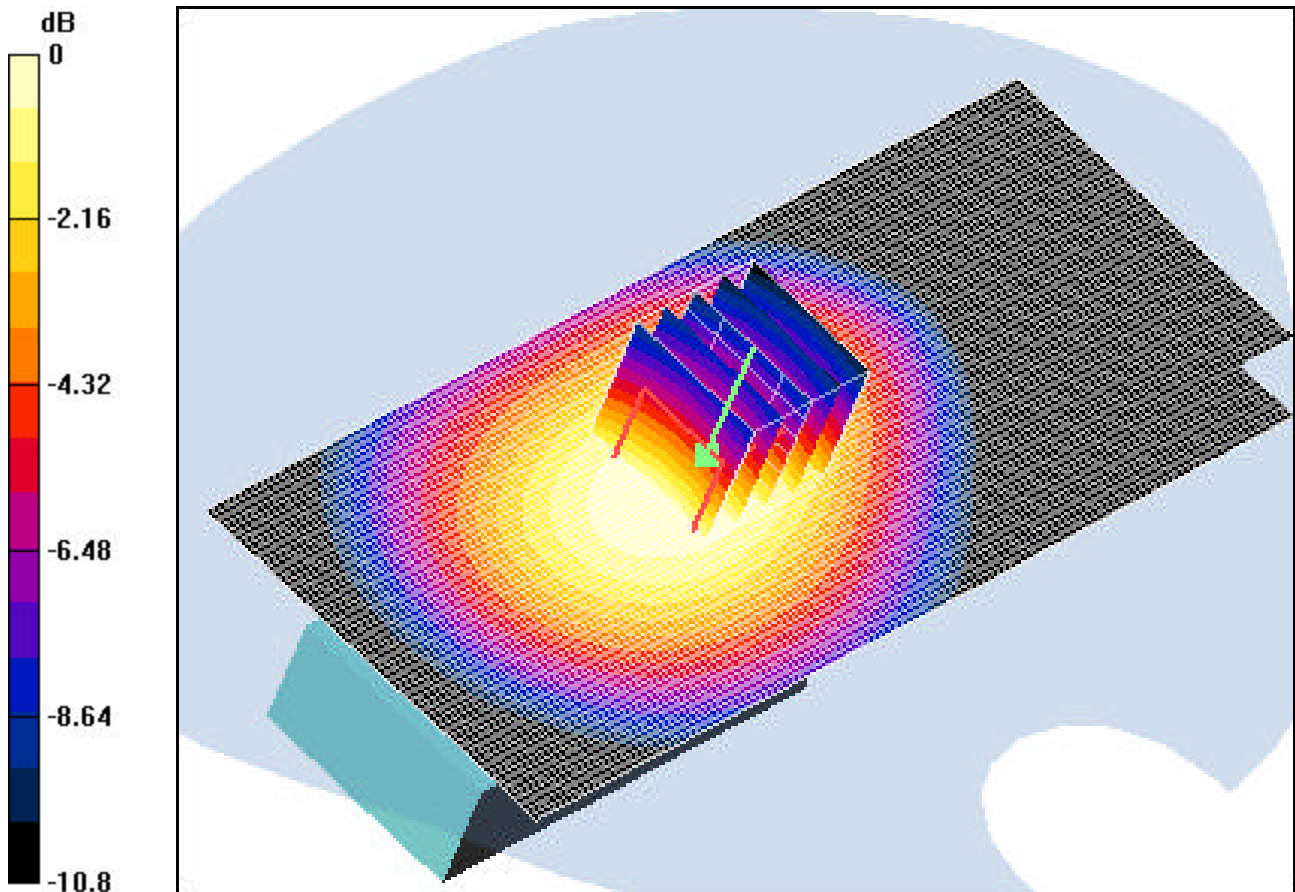
Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 32.9 V/m

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.644 mW/g



0 dB = 1.04mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 55.12$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-14-2004; Ambient Temp: 23.2°C; Tissue Temp: 20.7°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Ch.0383, Ant In, Standard Battery

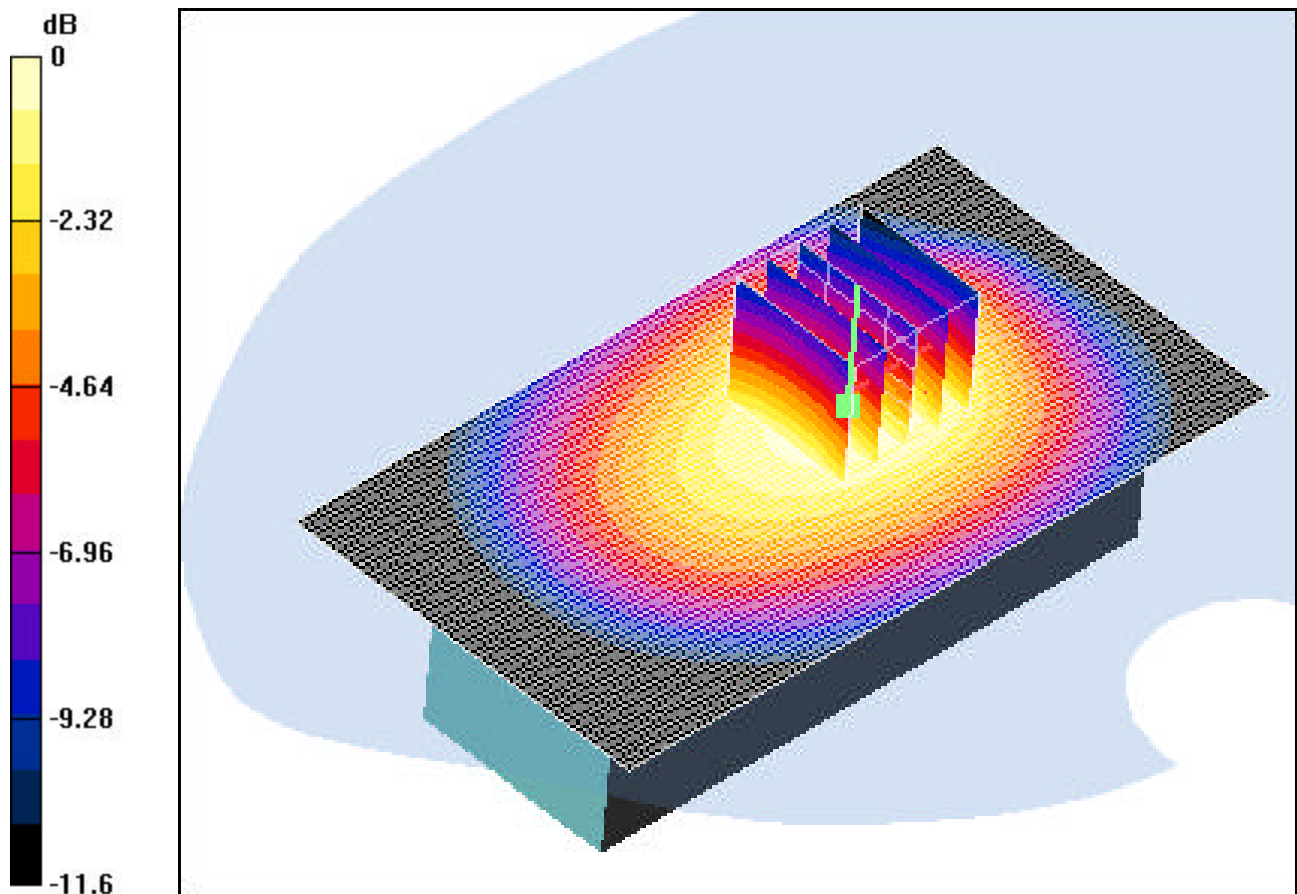
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.6 V/m

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.160 mW/g



0 dB = 0.263mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 55.12$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-14-2004; Ambient Temp: 23.2°C; Tissue Temp: 20.7°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Ch.0777, Ant Out, Standard Battery

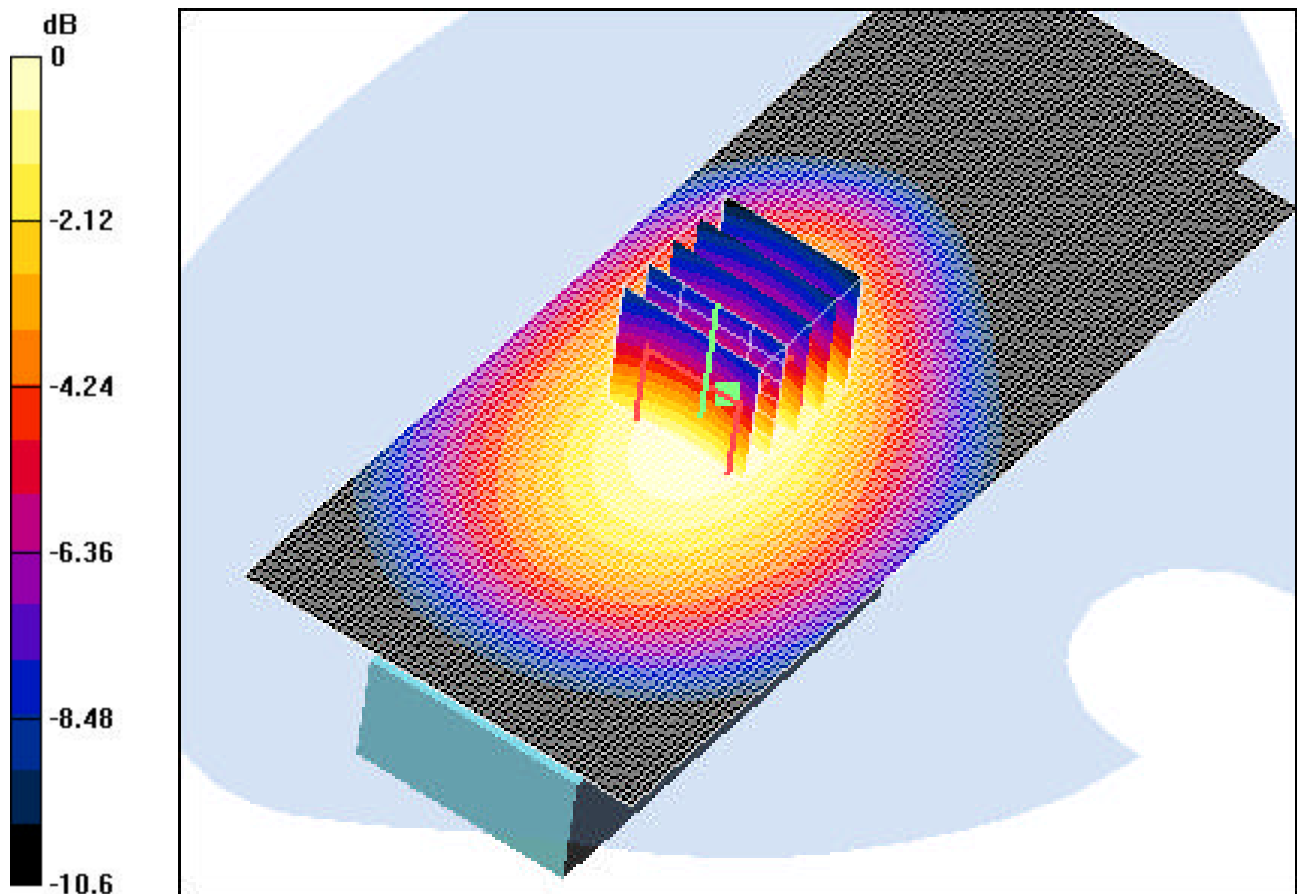
Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 26.4 V/m

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.425 mW/g



0 dB = 0.680mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 55.12$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-14-2004; Ambient Temp: 23.2°C; Tissue Temp: 20.7°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Ch.0383, Ant Out, Standard Battery

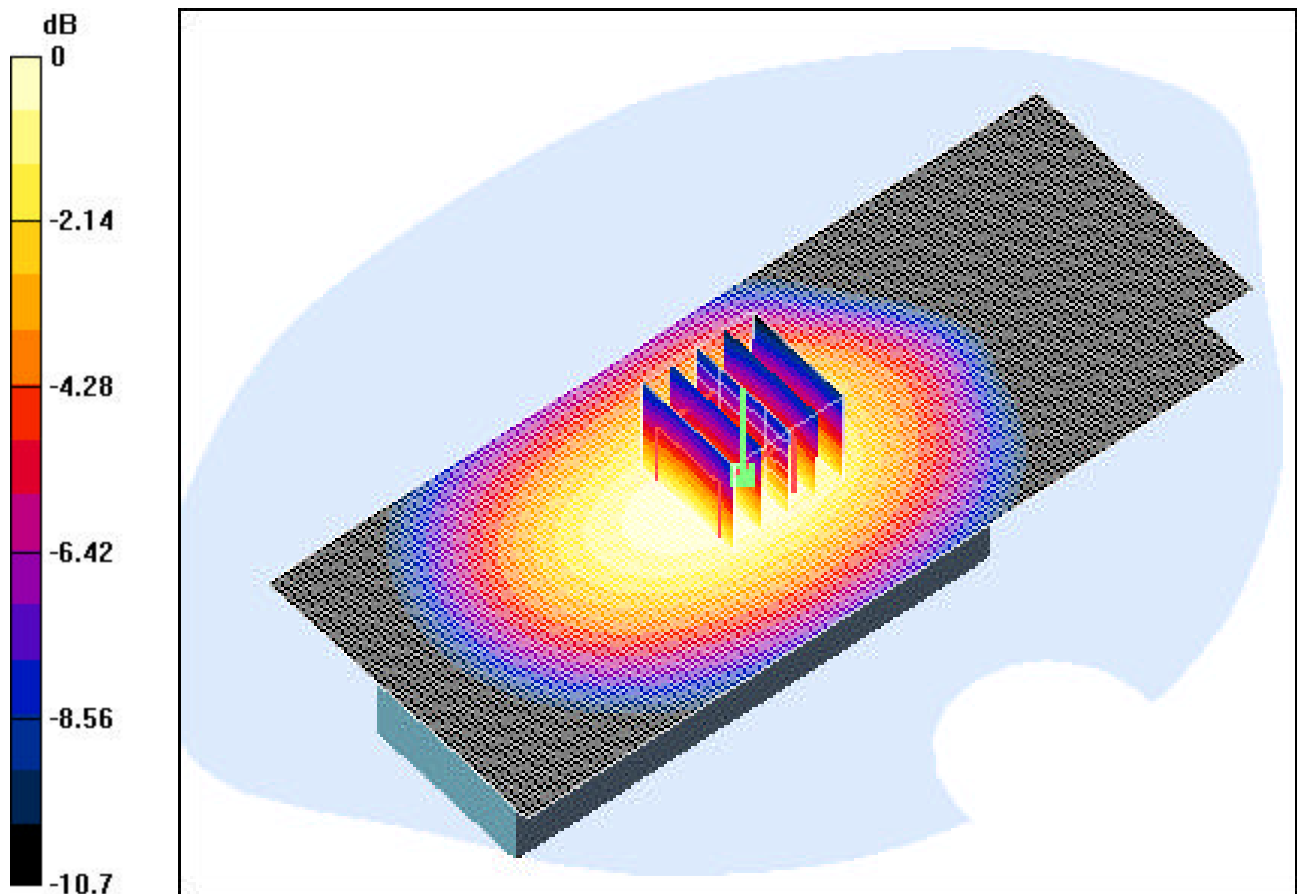
Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.8 V/m

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.107 mW/g



0 dB = 0.171mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 51.09$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-18-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.6°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Ch.0600, Ant In, Standard Battery

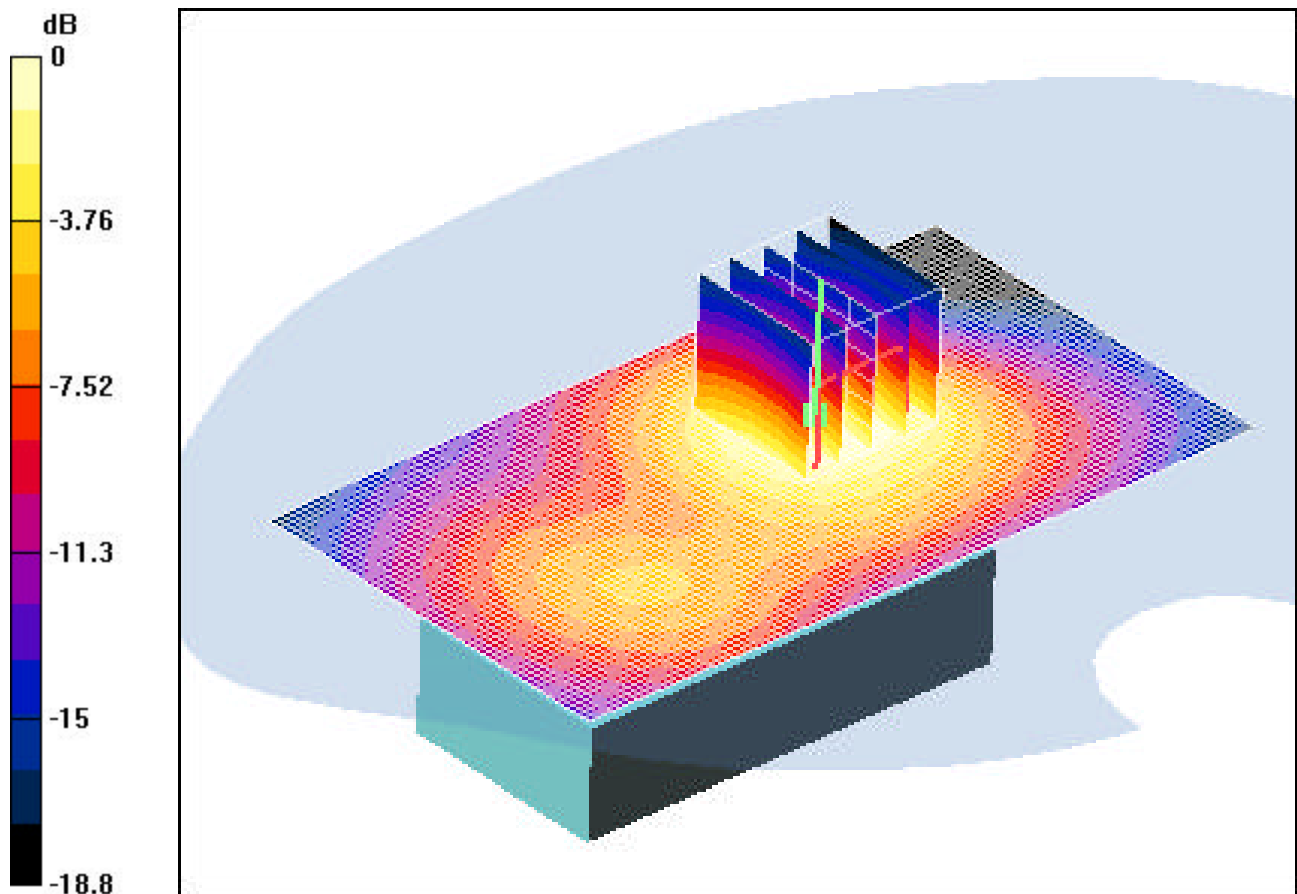
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.2 V/m

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.145 mW/g



0 dB = 0.316mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 51.09$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-19-2004; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Ch.1175, Ant In, Standard Battery

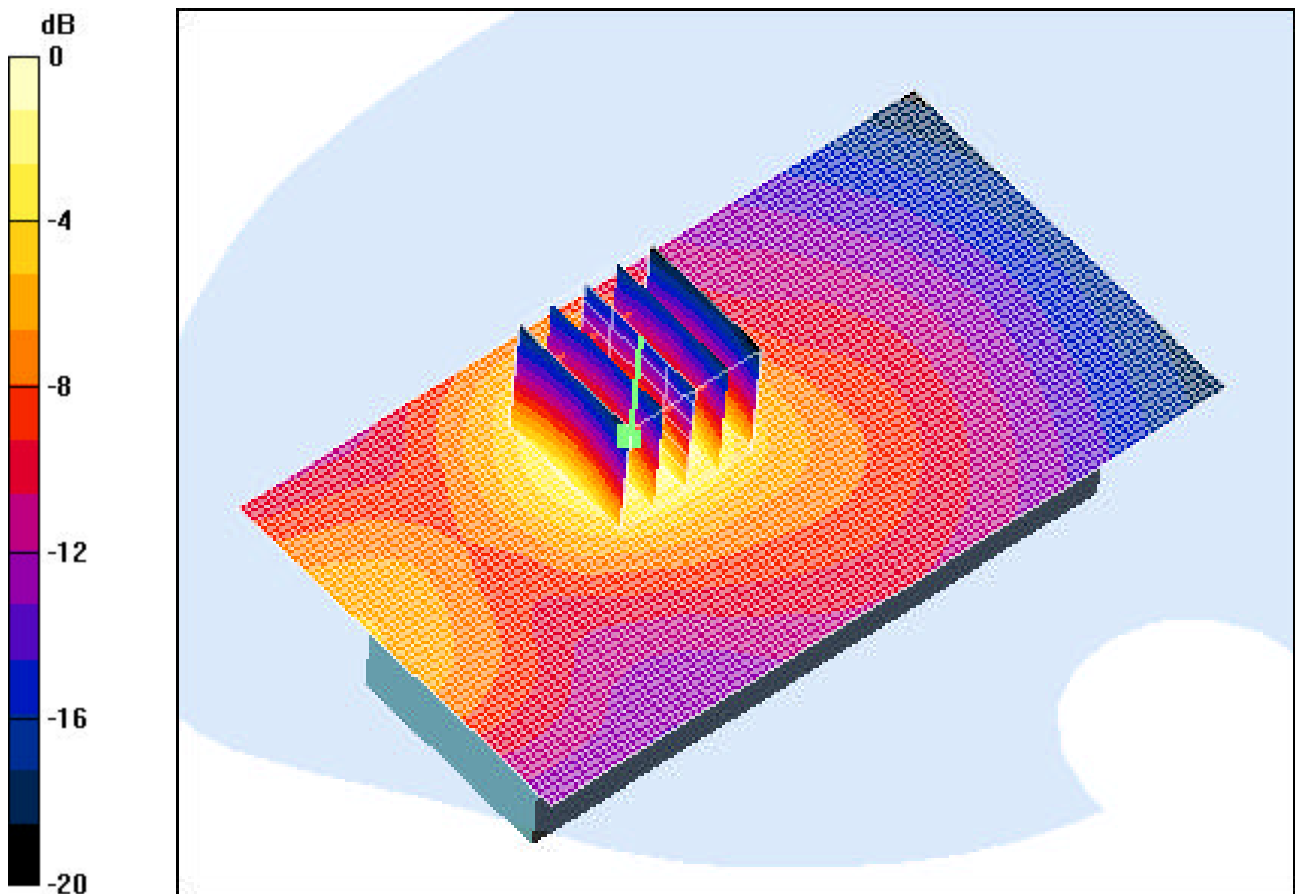
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.44 V/m

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.303 mW/g



0 dB = 0.715mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 26.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-11-2004; 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0799, Ant.In, Standard Battery

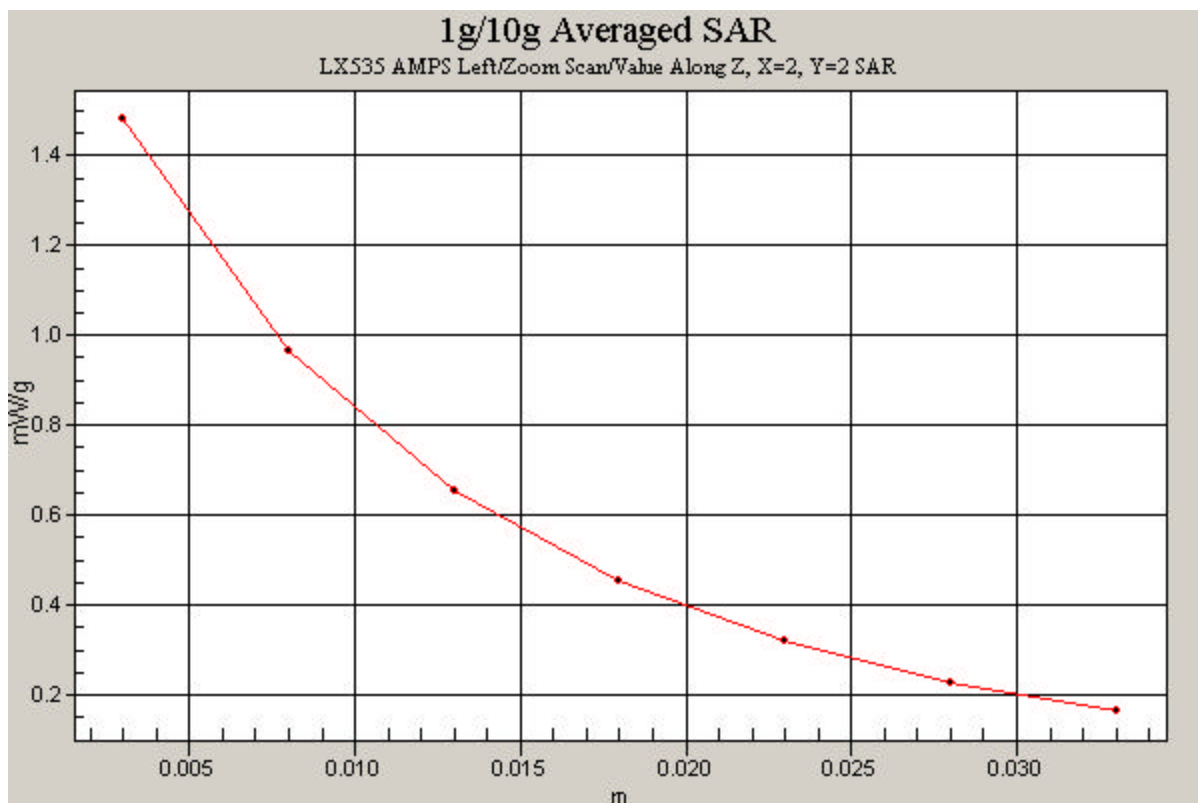
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 34.4 V/m

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.764 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.37$ mho/m, $\epsilon_r = 40.7$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-13-2004; Ambient Temp: 23.8°C; Tissue Temp: 21.8°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide In, Tilt, Ch.0025, Ant.In, Standard Battery

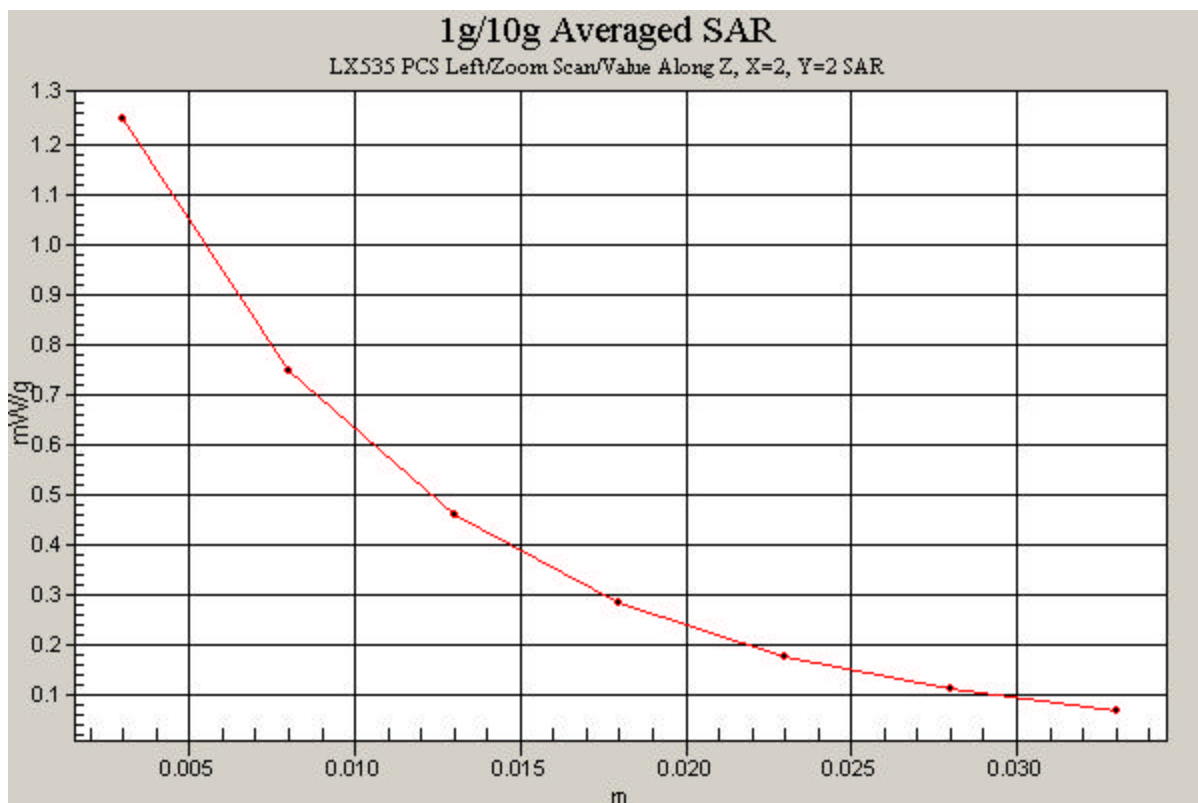
Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 25.9 V/m

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.572 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.02$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-14-2004; Ambient Temp: 23.2°C; Tissue Temp: 20.7°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

ACE antenna, Slide In, Ch.0799, Ant Out, Standard Battery

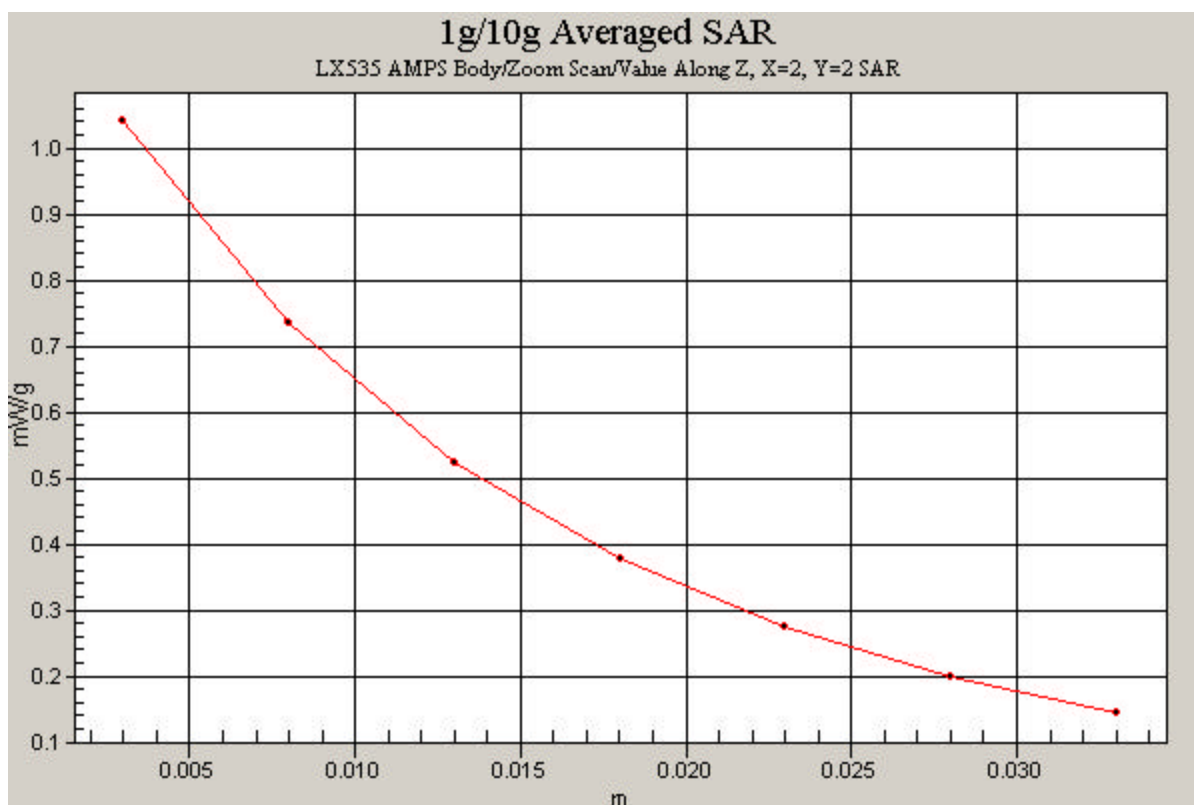
Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 32.9 V/m

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.644 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: LG-LX535; Type: LG Tri Mode Phone; Serial: #1; Conducted Power: 24.0 dBm

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

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 51.09$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05-19-2004; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Galtronics antenna, Slide Out, Ch.1175, Ant In, Standard Battery

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.44 V/m

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.303 mW/g

