

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 41.42$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-13-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3550; ConvF(8.12, 8.12, 8.12); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Touch, Ch.0251

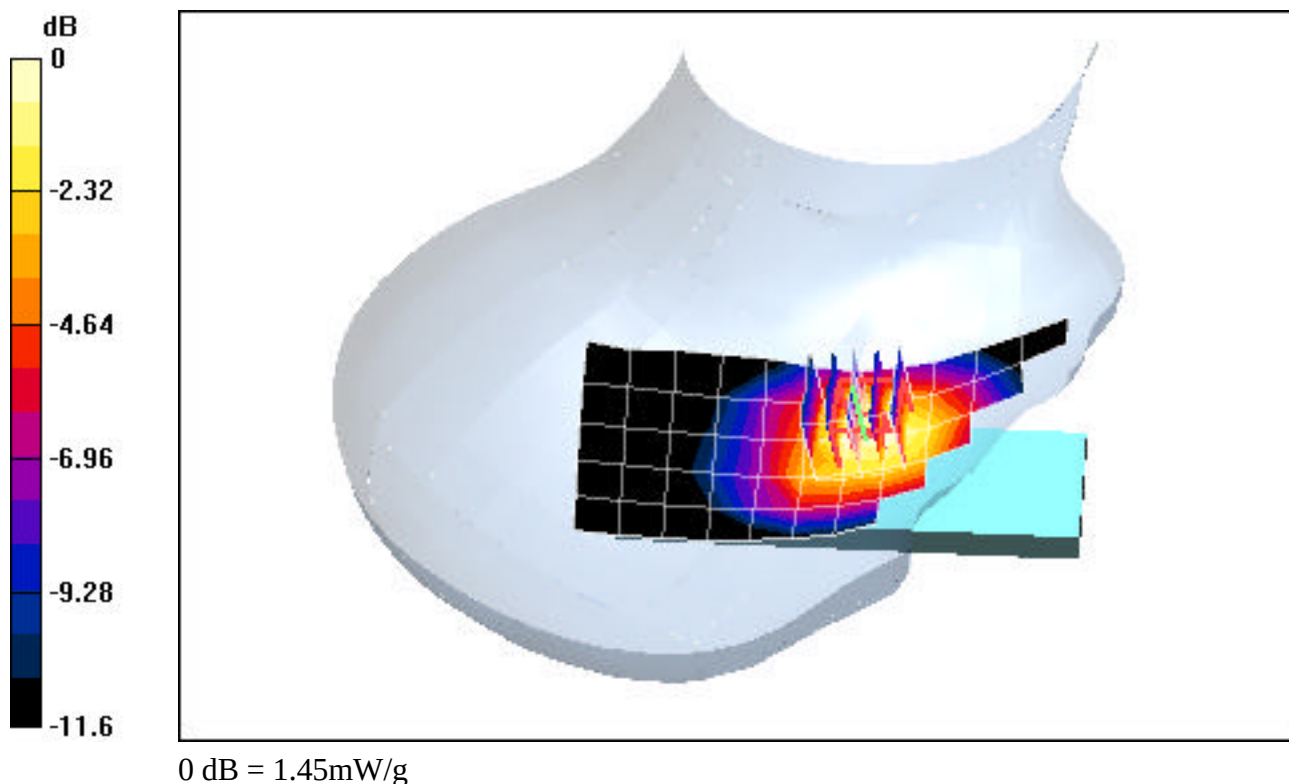
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.22 V/m

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.789 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 41.42$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-13-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3550; ConvF(8.12, 8.12, 8.12); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Tilt, Ch.0190

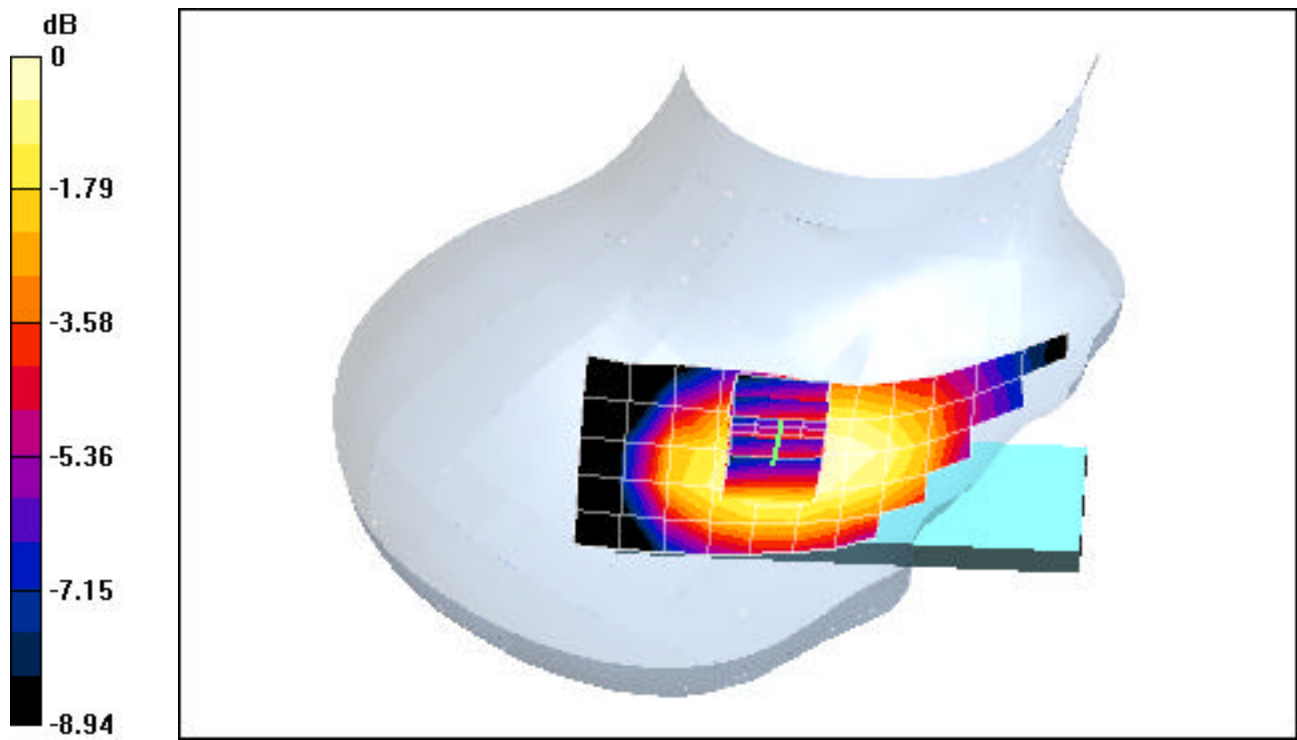
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.8 V/m

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.212 mW/g



0 dB = 0.310mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 41.42$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-13-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3550; ConvF(8.12, 8.12, 8.12); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Touch, Ch.0251

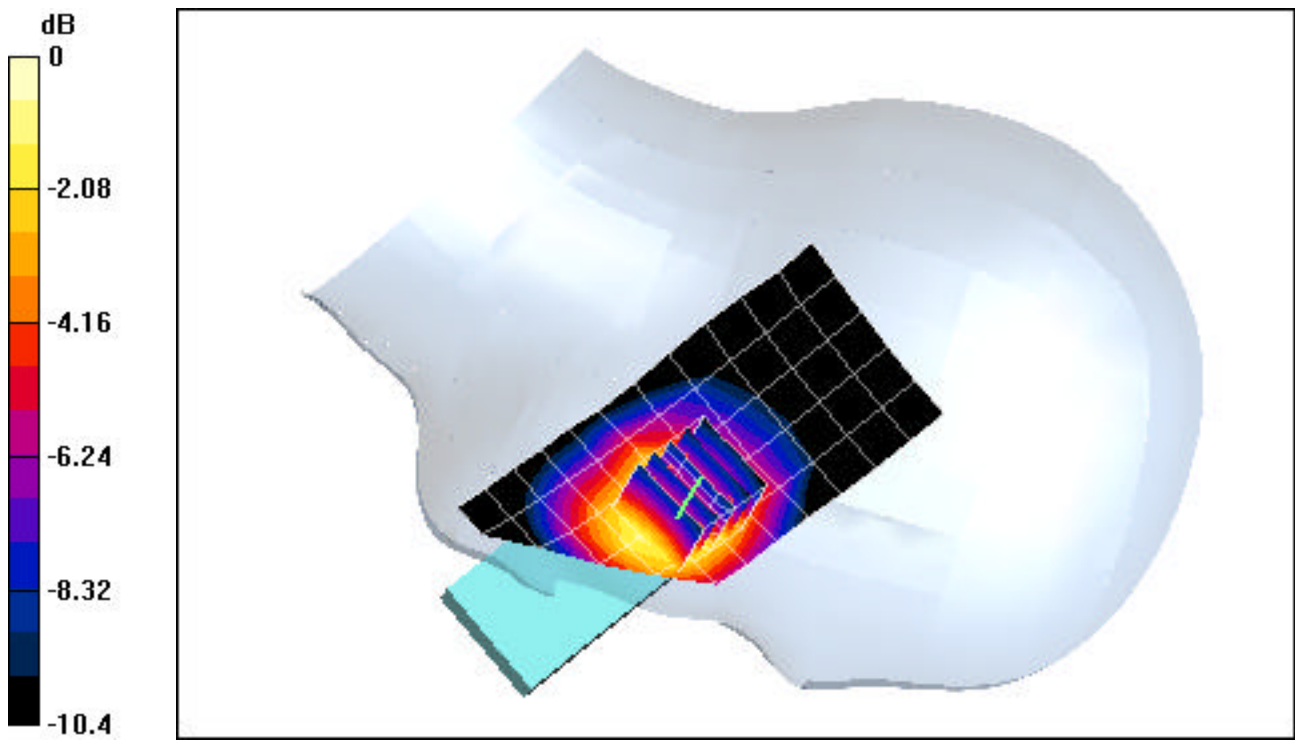
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.11 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.755 mW/g



0 dB = 1.3mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 41.42$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-13-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3550; ConvF(8.12, 8.12, 8.12); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Tilt, Ch.0190

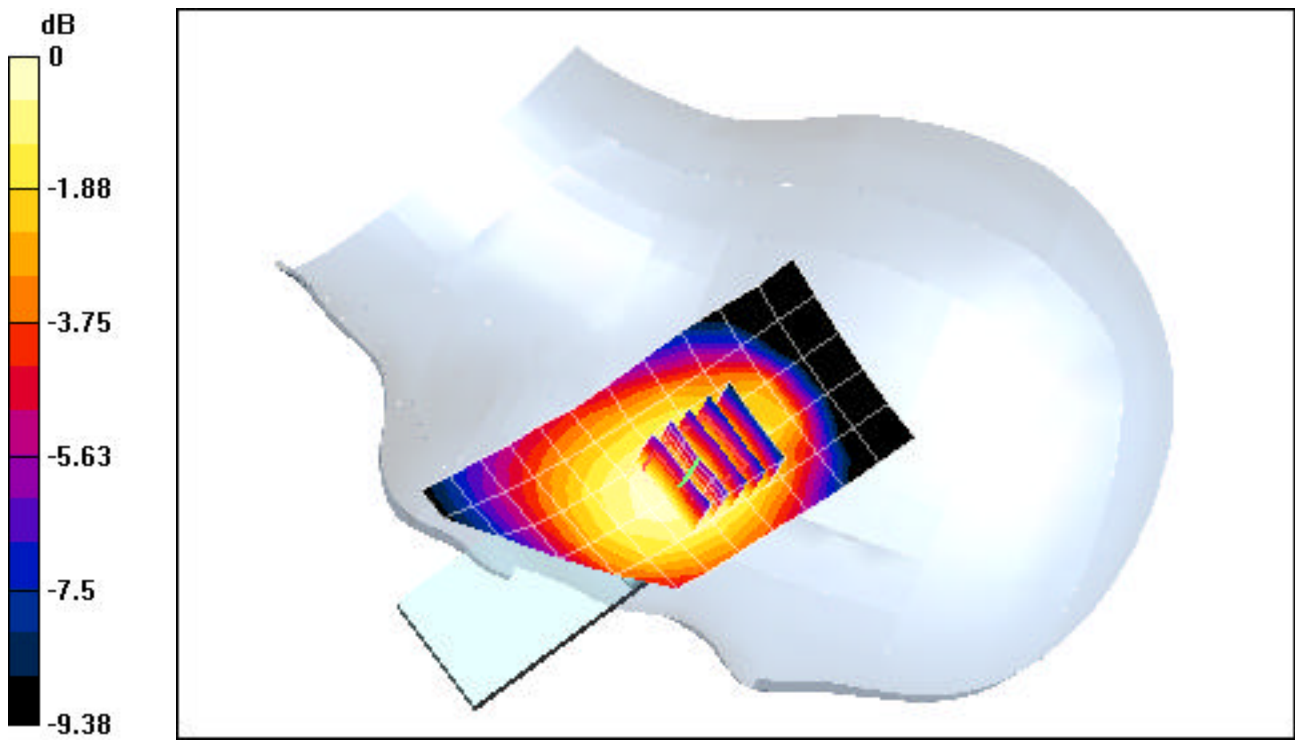
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.4 V/m

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.195 mW/g



0 dB = 0.281mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0dBm

Communication System: PCS GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 39.14$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-14-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN3550; ConvF(6.75, 6.75, 6.75); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Touch, Ch.0661

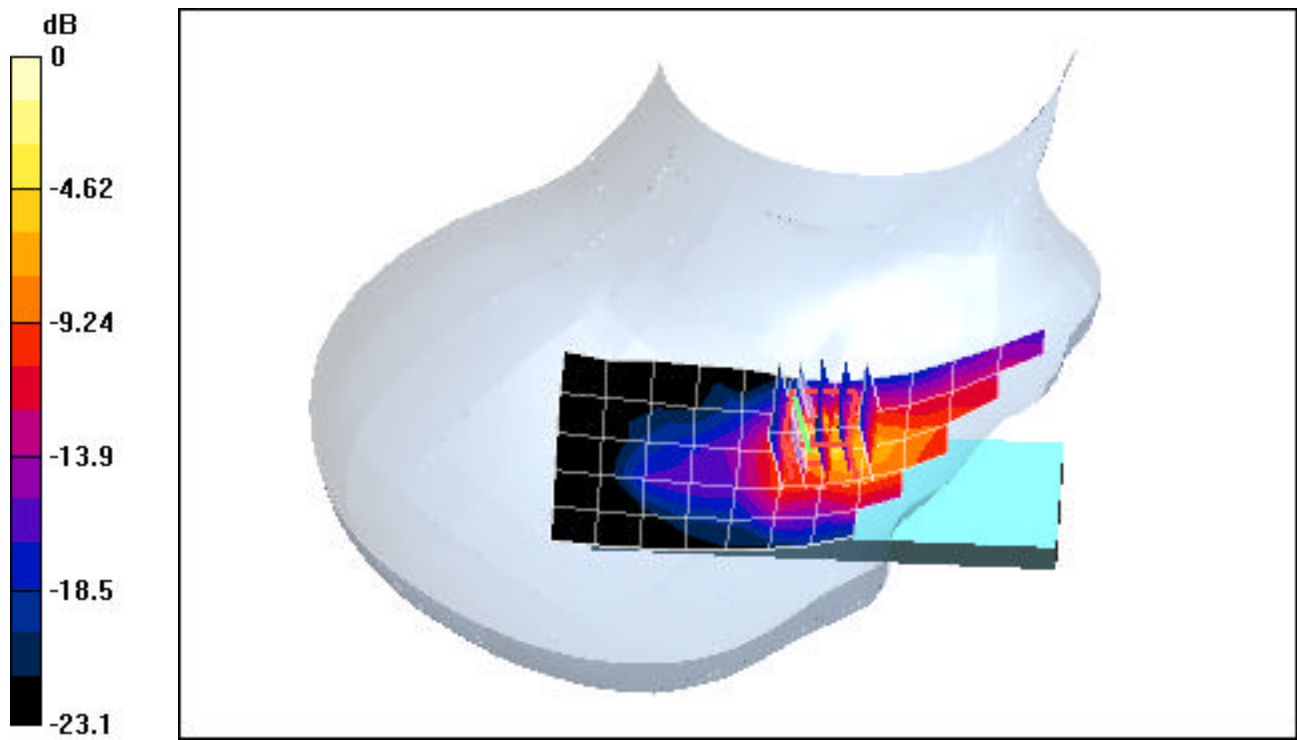
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.23 V/m

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.071 mW/g



0 dB = 0.452mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0dBm

Communication System: PCS GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 39.14$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-14-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN3550; ConvF(6.75, 6.75, 6.75); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Tilt, Ch.0661

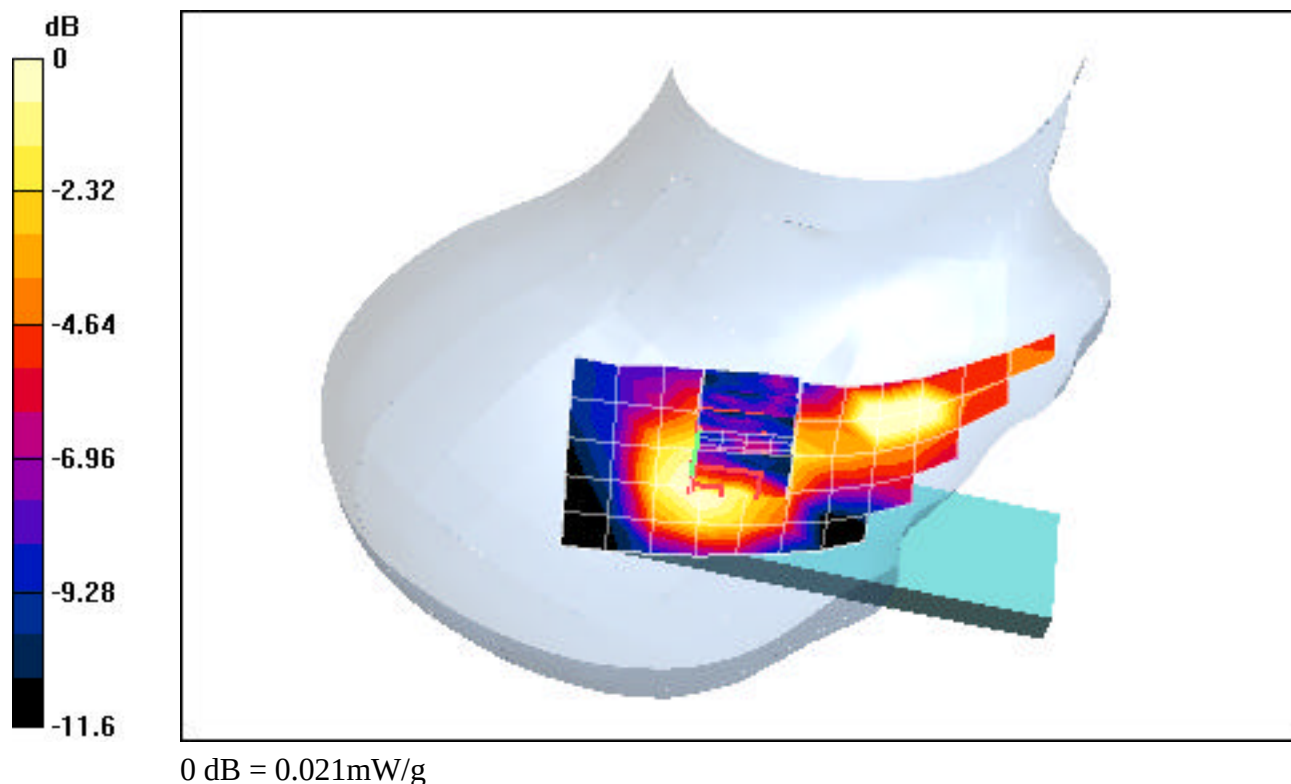
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.91 V/m

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00966 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0dBm

Communication System: PCS GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 39.14$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-14-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN3550; ConvF(6.75, 6.75, 6.75); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Touch, Ch.0661

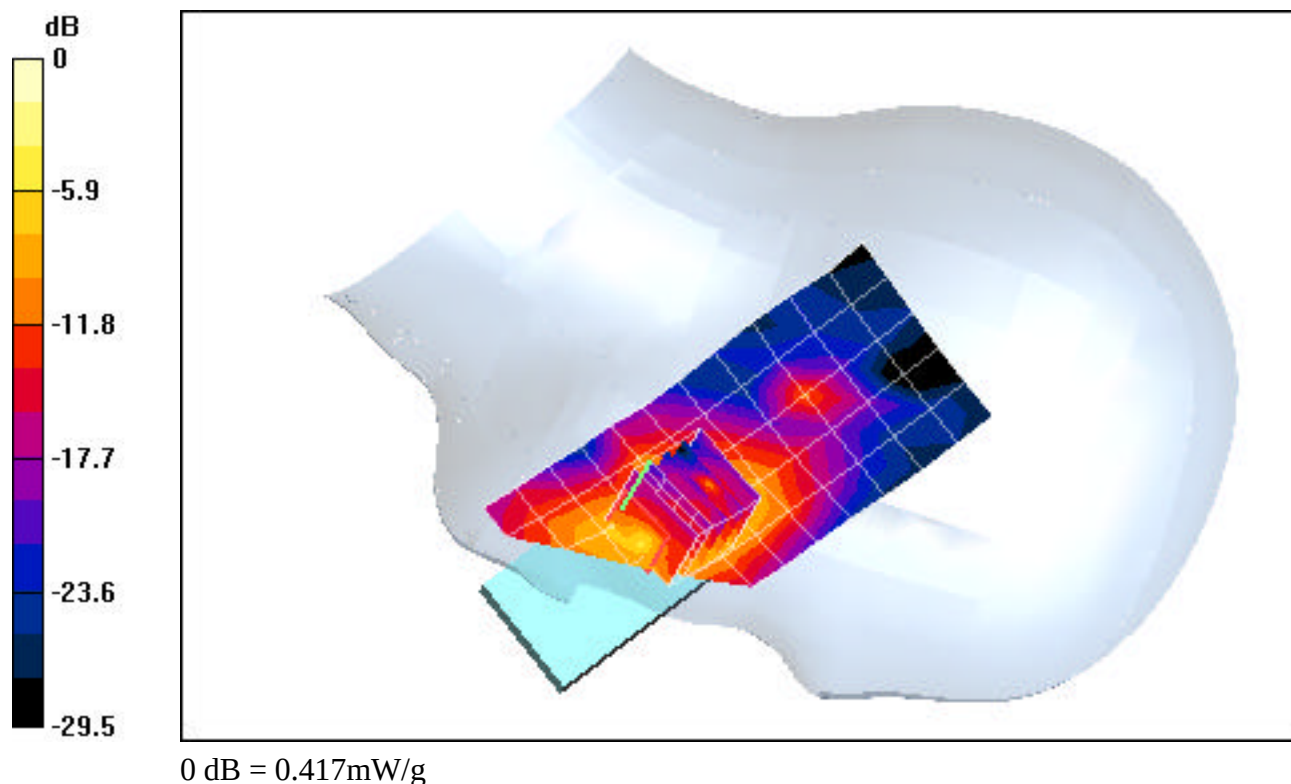
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.76 V/m

Peak SAR (extrapolated) = 0.910 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.062 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0dBm

Communication System: PCS GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 39.14$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-14-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN3550; ConvF(6.75, 6.75, 6.75); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Tilt, Ch.0661

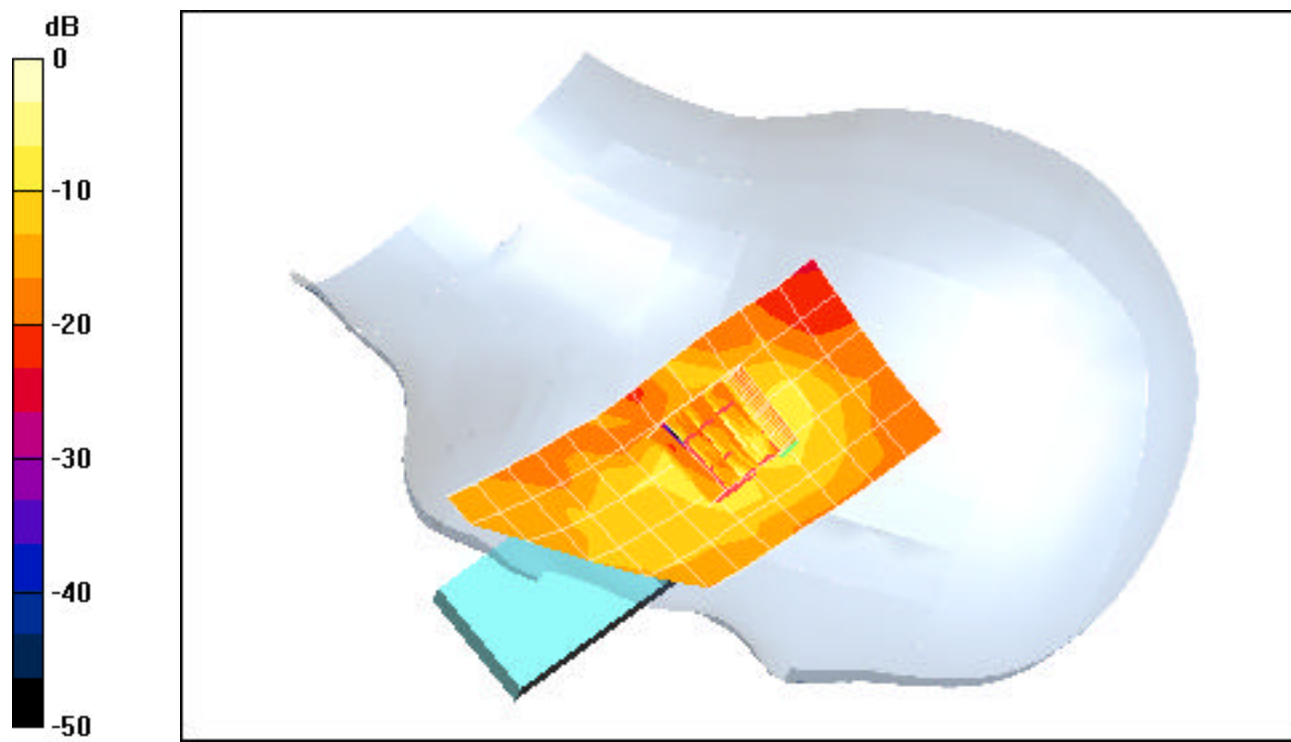
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.12 V/m

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.011 mW/g



0 dB = 0.148mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850 GPRS; 2 Tx Slots; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-13-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN3550; ConvF(7.99, 7.99, 7.99); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ch.0190

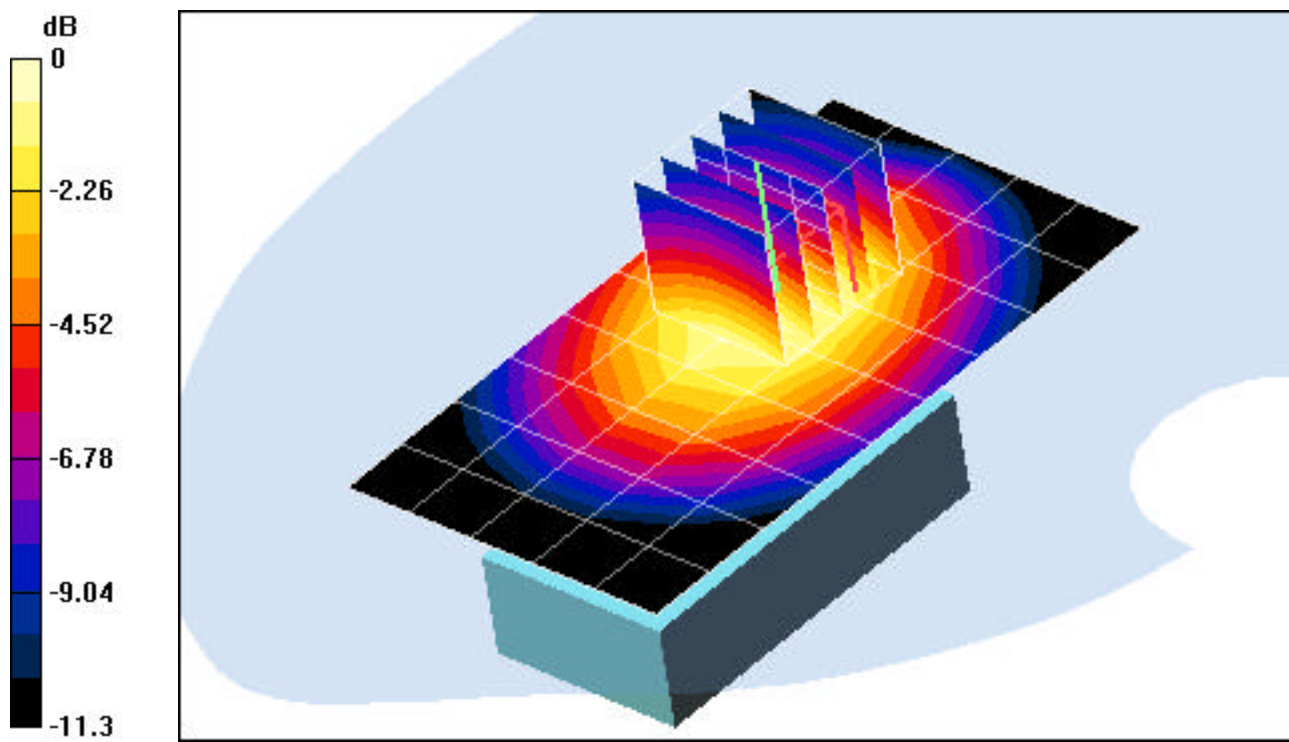
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 33.3 V/m

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.815 mW/g



0 dB = 1.37mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0dBm

Communication System: PCS GSM GPRS; 2 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 54.45$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-13-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN3550; ConvF(6.35, 6.35, 6.35); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ch.0661

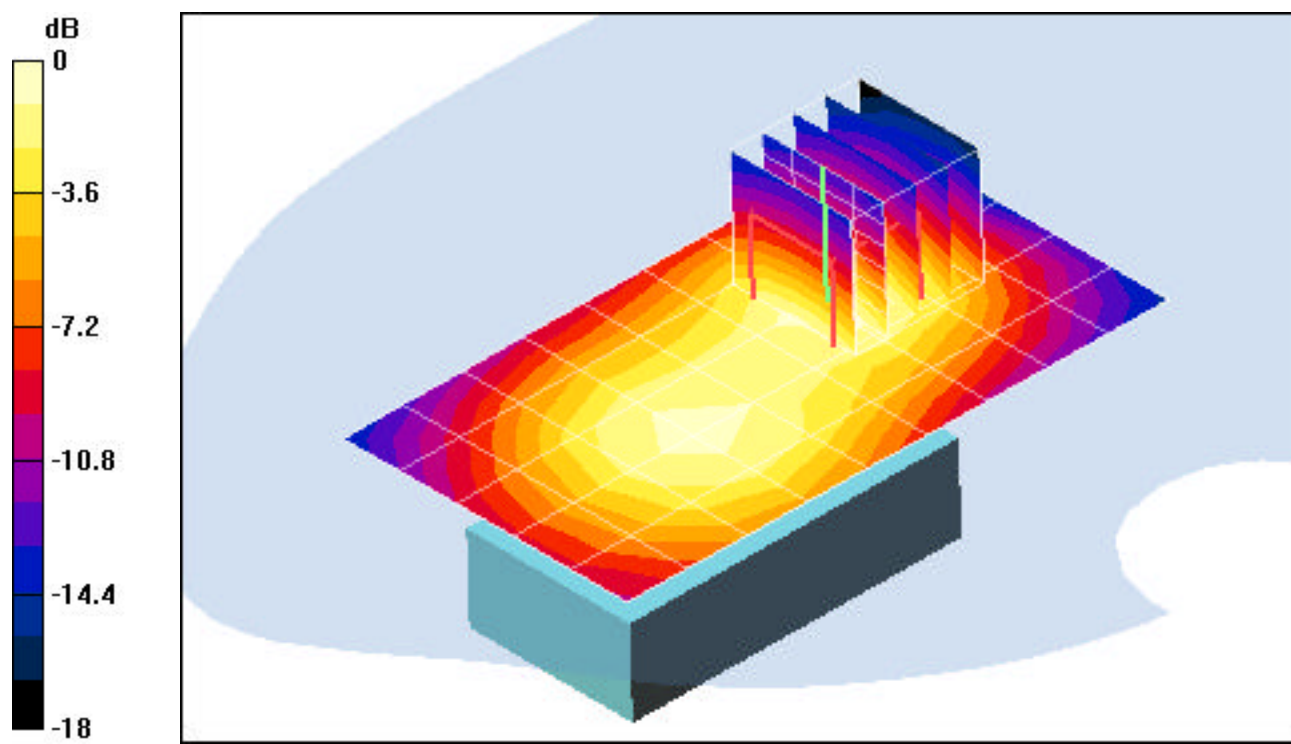
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19 V/m

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.282 mW/g



0 dB = 0.575mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 41.42$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-13-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3550; ConvF(8.12, 8.12, 8.12); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Touch, Ch.0251

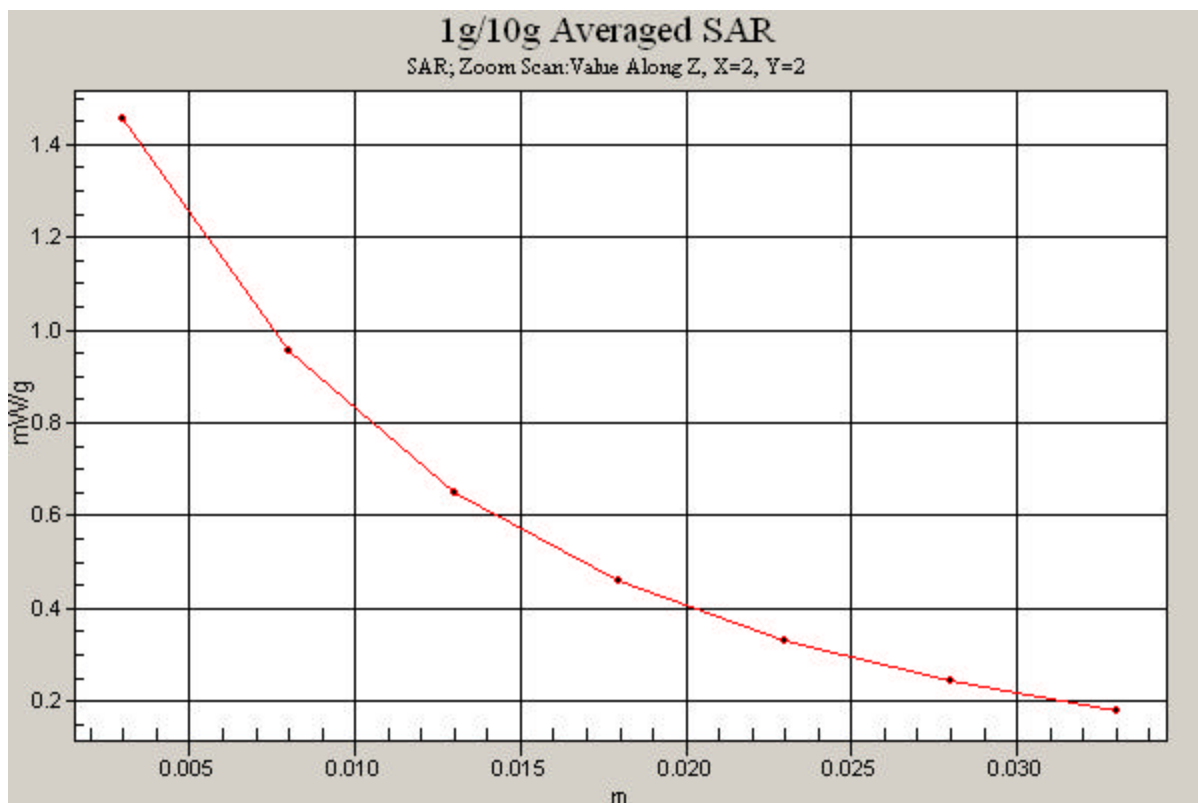
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.22 V/m

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.789 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0 dBm

Communication System: PCS GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 39.14$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-14-2004; Ambient Temp: 22.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN3550; ConvF(6.75, 6.75, 6.75); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Touch, Ch.0661

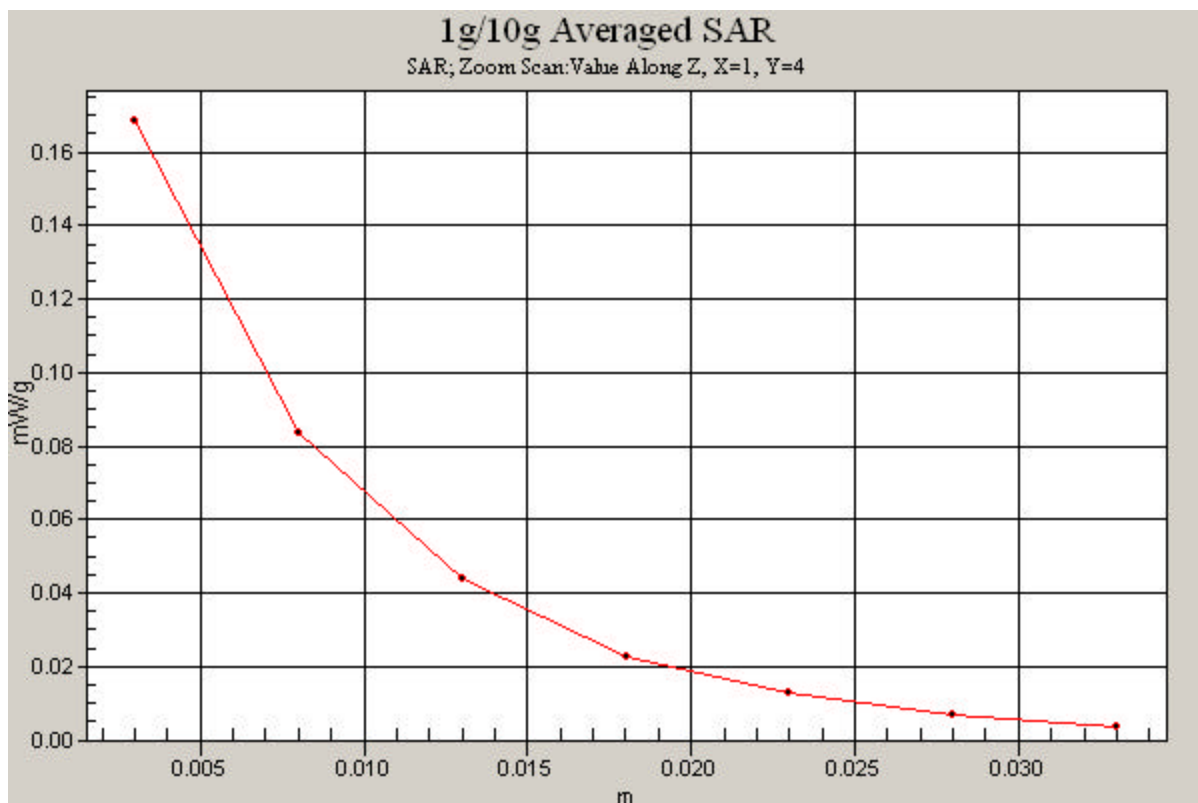
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.23 V/m

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.071 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 33.0 dBm

Communication System: GSM 850 GPRS; 2 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-13-2004; Ambient Temp: 22.8°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN3550; ConvF(7.99, 7.99, 7.99); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ch.0190

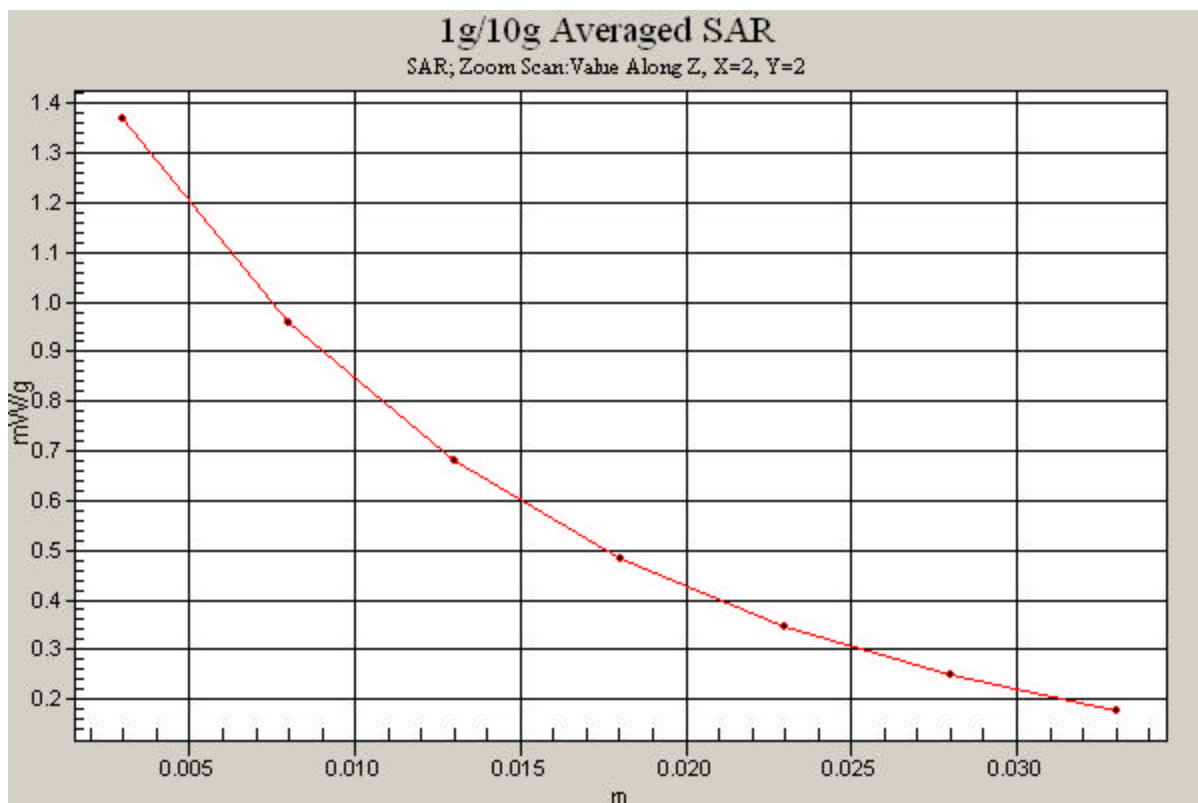
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 33.3 V/m

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.815 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: G4015; Type: LG Dual Band GSM Phone; Serial: 409KCII256420-ATT-P40

Conducted Power: 30.0dBm

Communication System: PCS GSM GPRS; 2 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 54.45$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-13-2004; Ambient Temp: 22.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN3550; ConvF(6.35, 6.35, 6.35); Calibrated: 10/26/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn637; Calibrated: 9/22/2004

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

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ch.0661

Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19 V/m

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.282 mW/g

