

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850; Frequency: 848.8 MHzFrequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.55$, $\rho = 1000$ kg/m³) kg/m³

Phantom section: Right Section

Test Date: 06-19-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Fix Surface)Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Right Head, Touch, High.ch

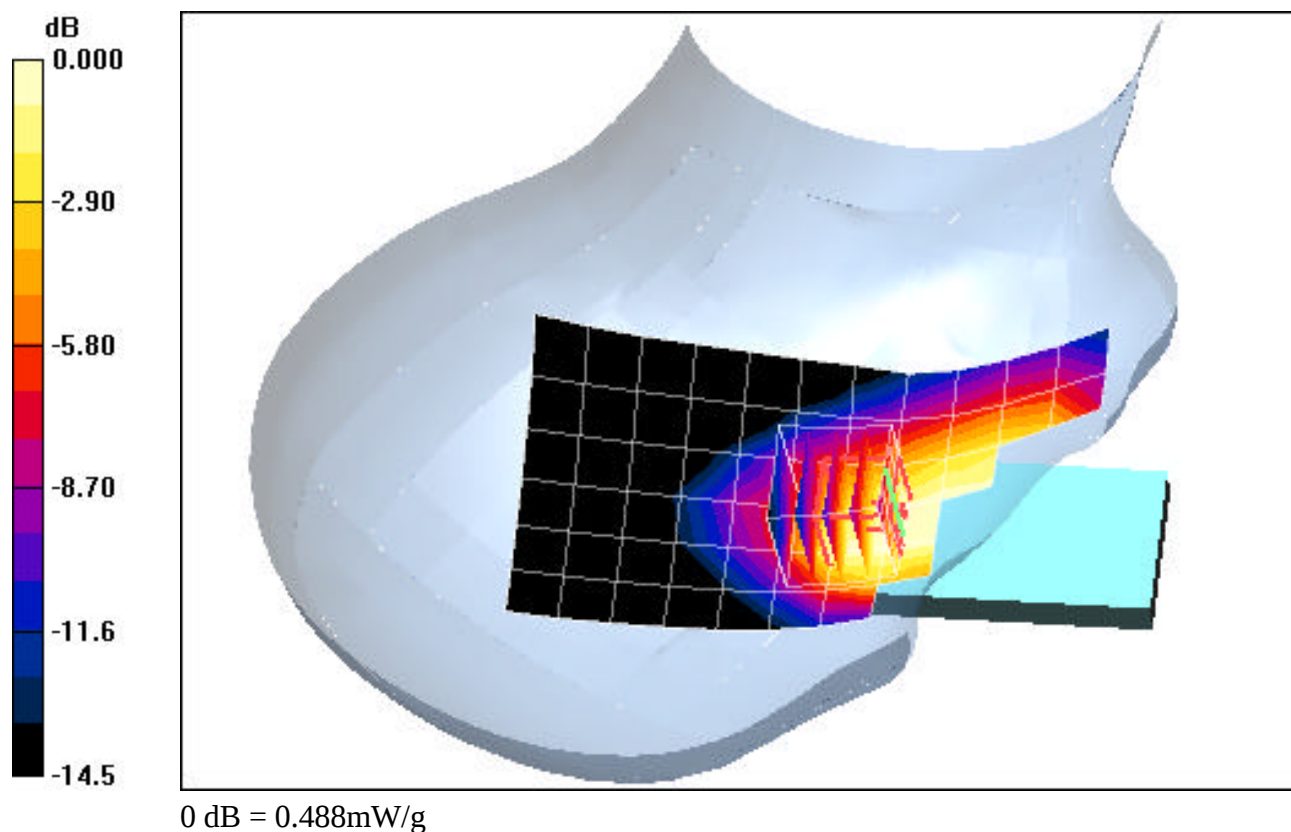
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.93 V/m

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.286 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.55$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-19-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Right Head, Tilt, Mid.ch

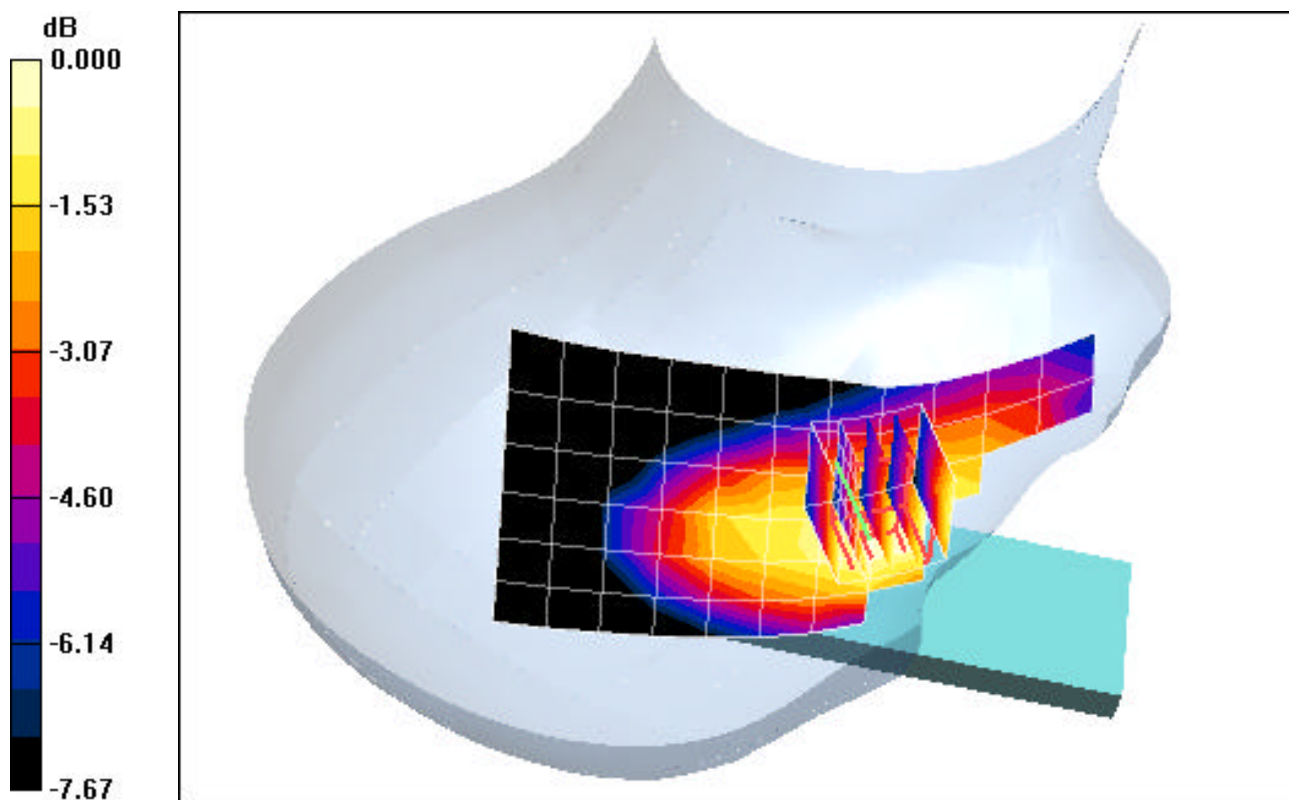
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.90 V/m

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.036 mW/g



0 dB = 0.052mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.55$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-19-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Left Head, Touch, Mid.ch

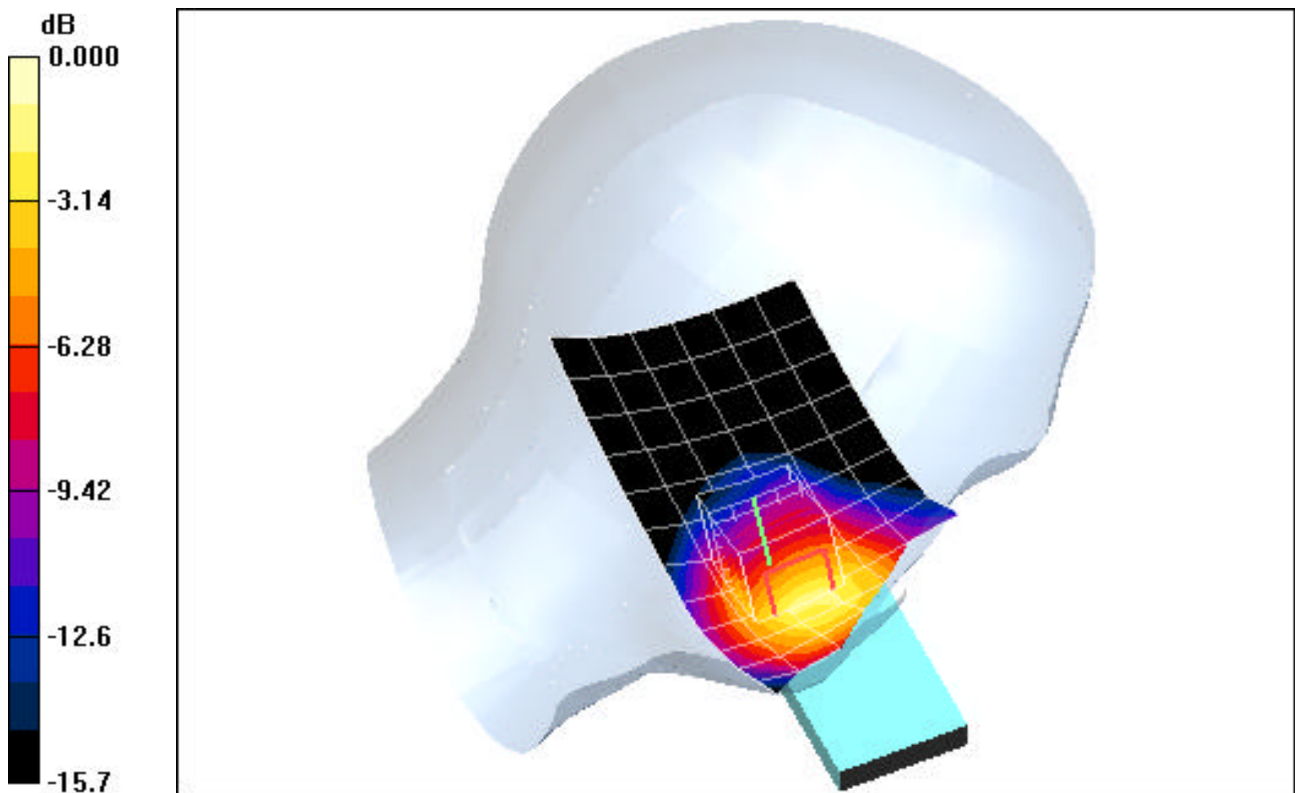
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.39 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.344 mW/g



0 dB = 0.697mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.55$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-19-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Left Head, Tilt, Mid.ch

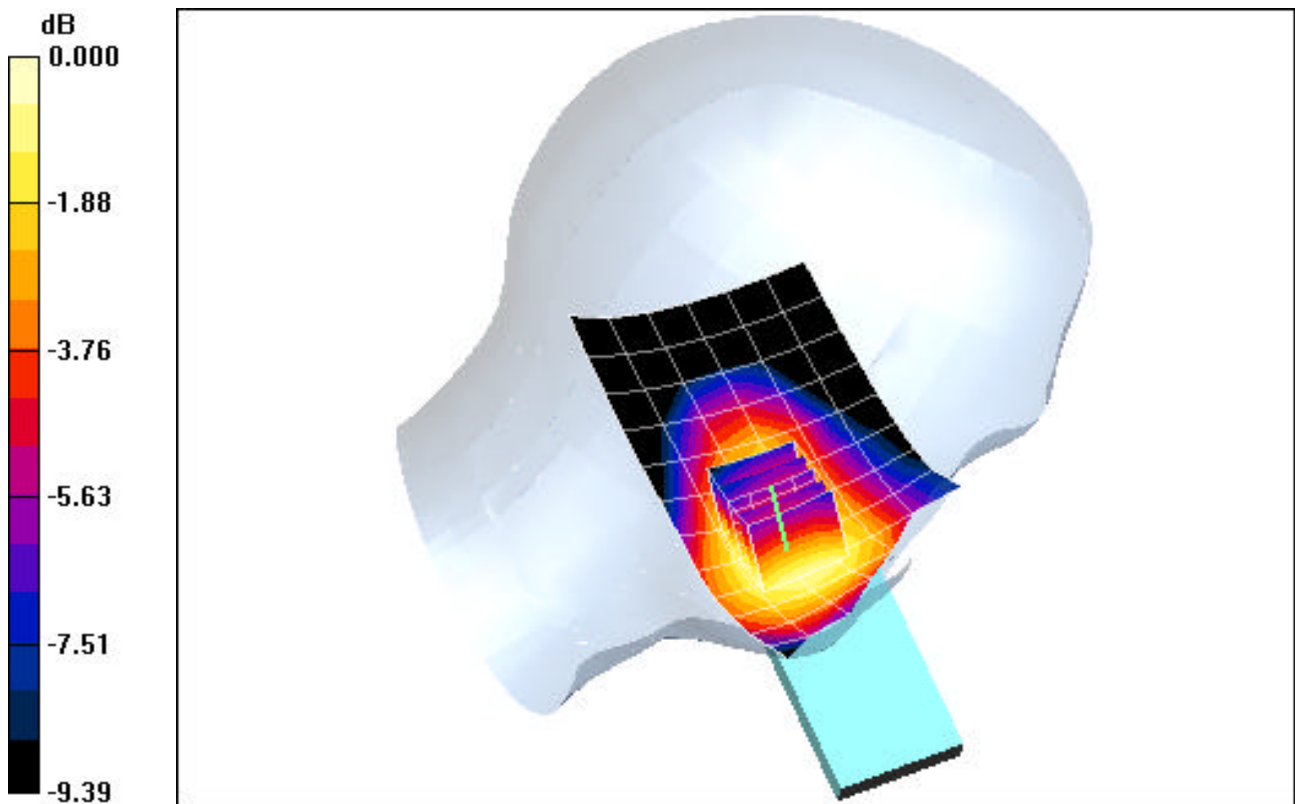
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.06 V/m

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.052 mW/g



0 dB = 0.075mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.42$ mho/m, $\epsilon_r = 40.36$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-20-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Right Head, Touch, Mid.ch

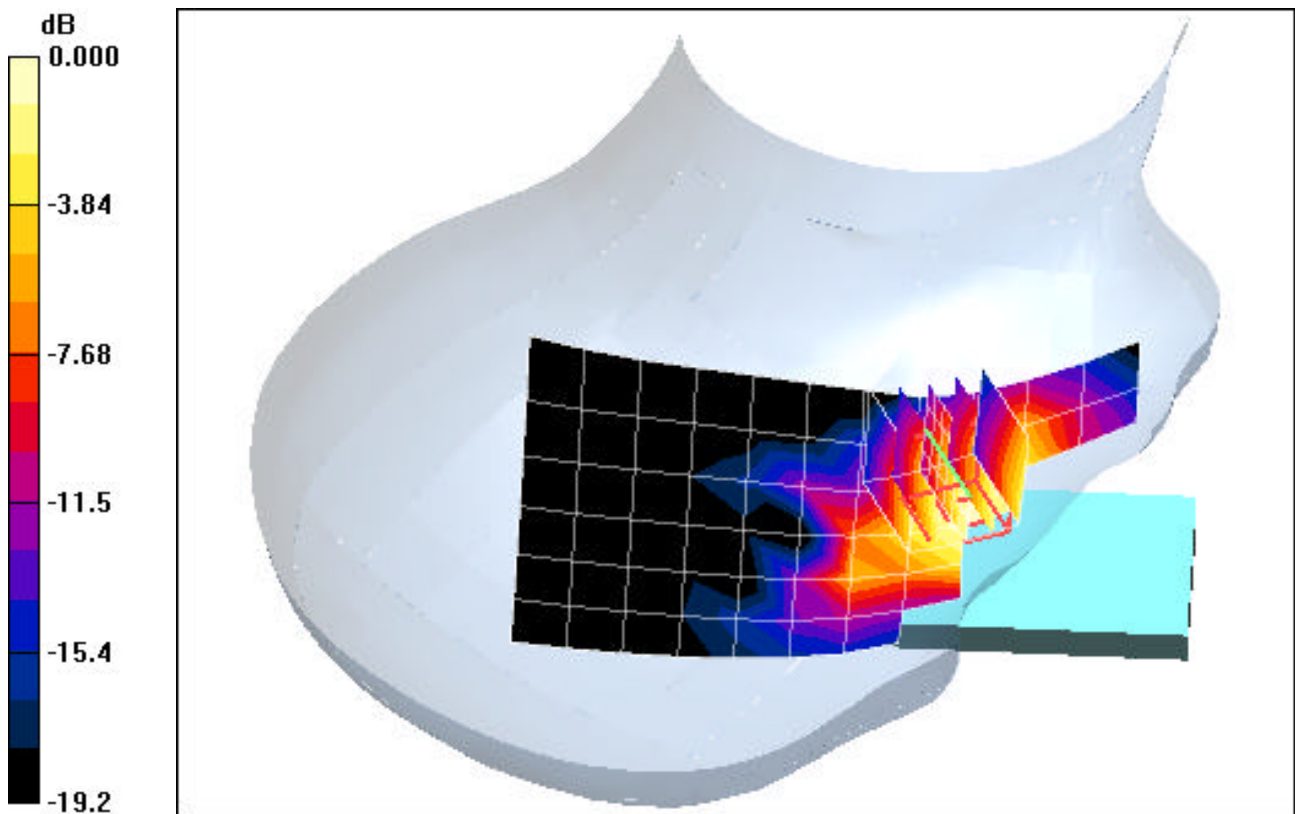
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.97 V/m

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.402 mW/g



0 dB = 0.763mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.42$ mho/m, $\epsilon_r = 40.36$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-20-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Right Head, Tilt, Mid.ch

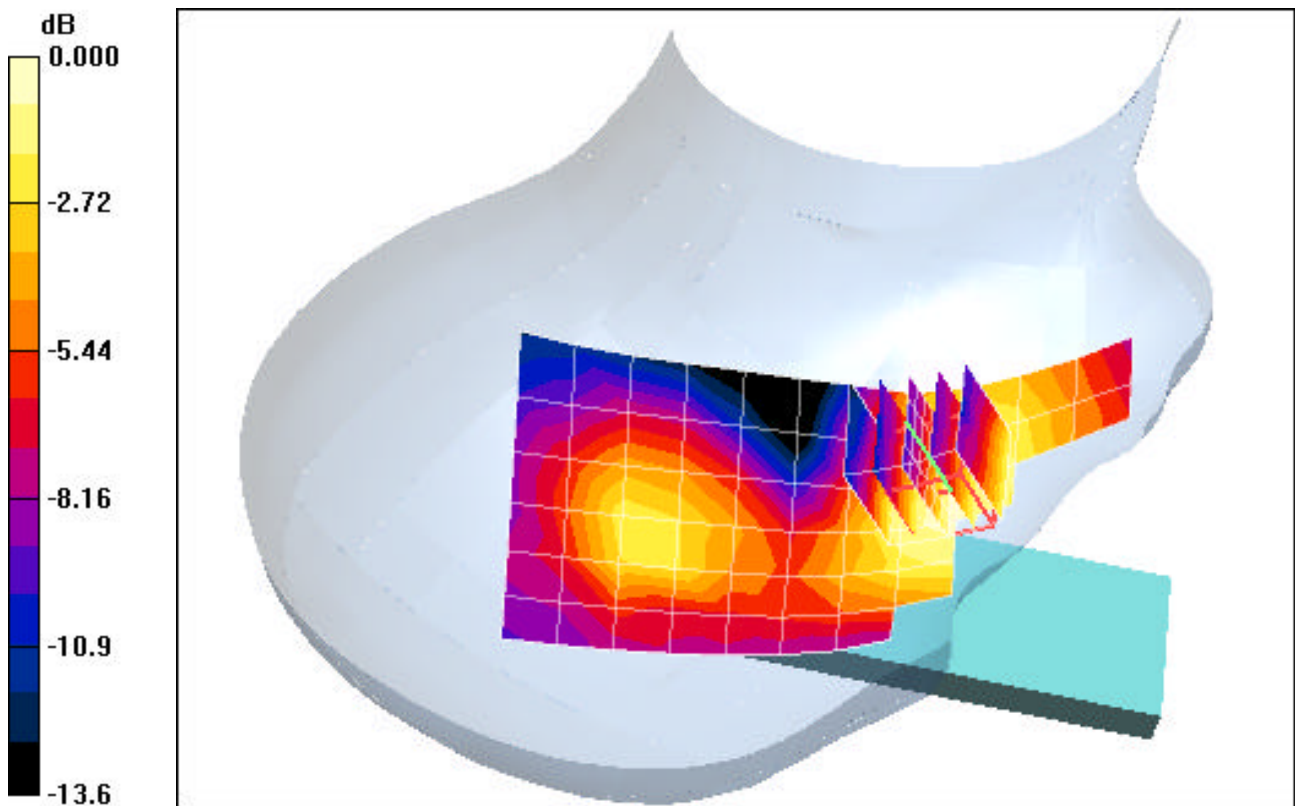
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.82 V/m

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.035 mW/g



0 dB = 0.064mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.42$ mho/m, $\epsilon_r = 40.36$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Date: 06-20-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Left Head, Touch, Mid.ch

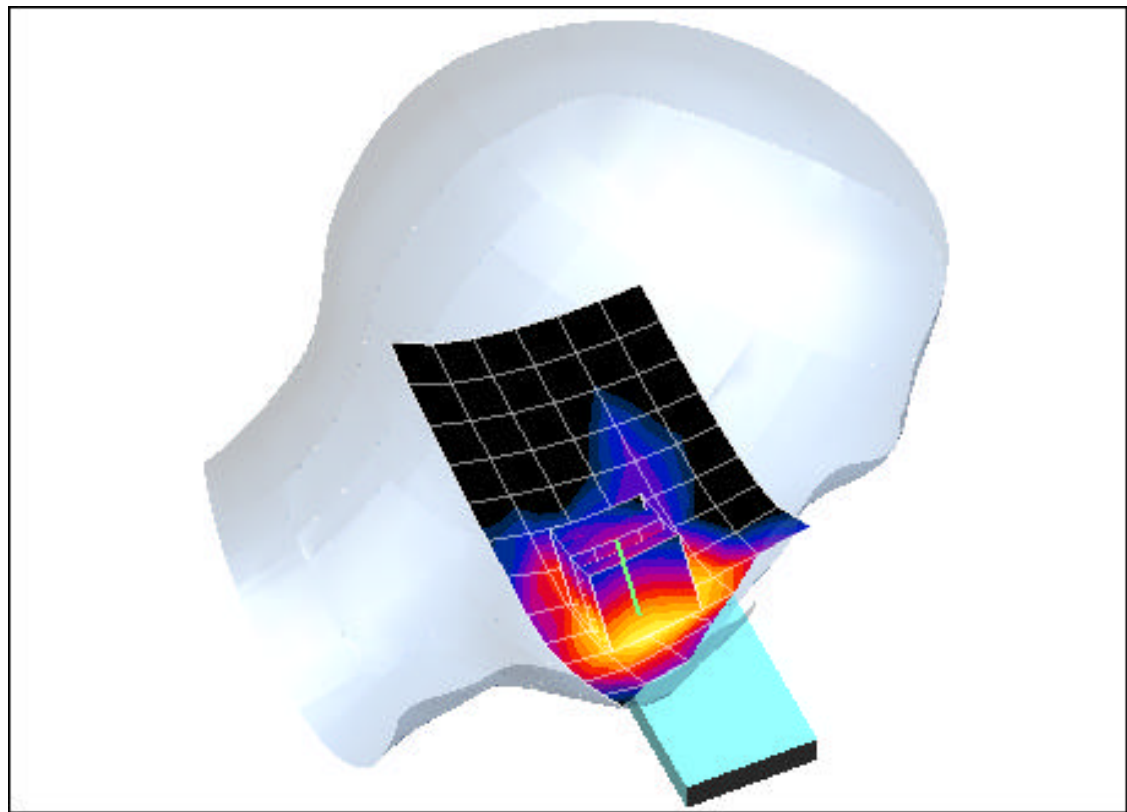
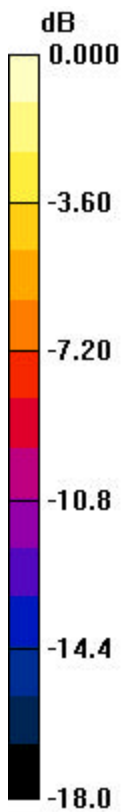
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.42 V/m

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.399 mW/g



0 dB = 0.788mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.42$ mho/m, $\epsilon_r = 40.36$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-20-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Left Head, Tilt, Mid.ch

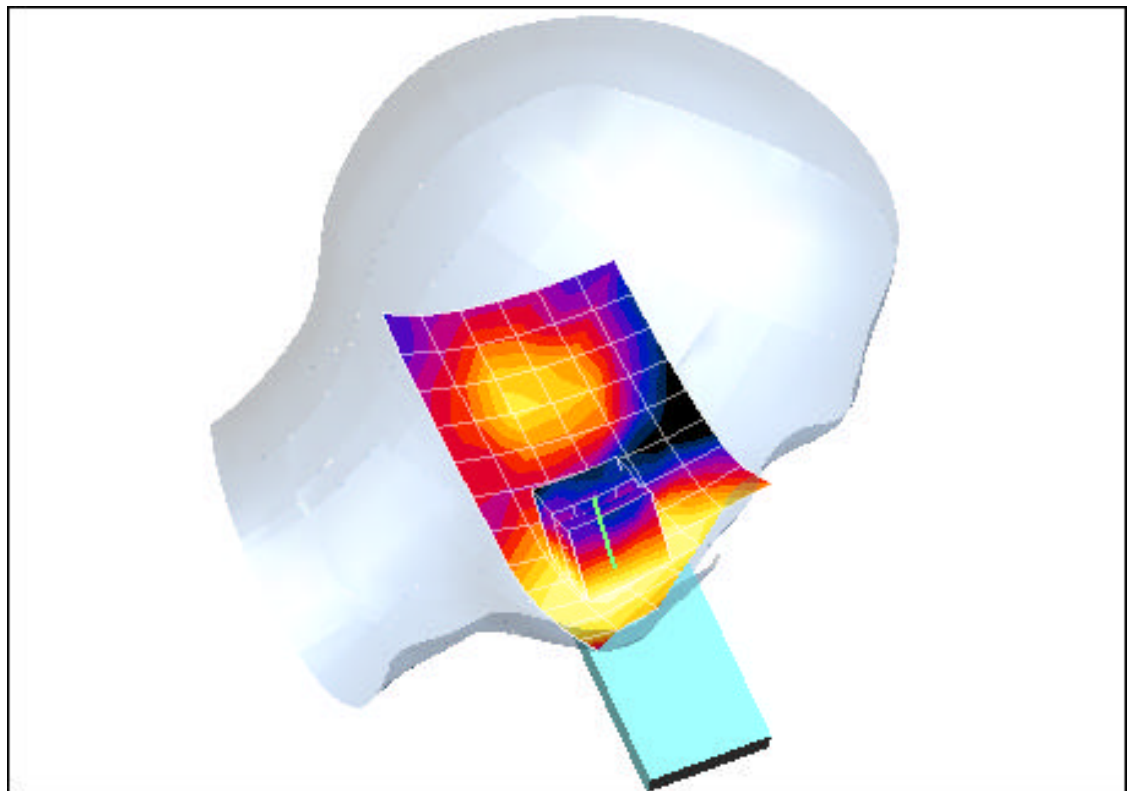
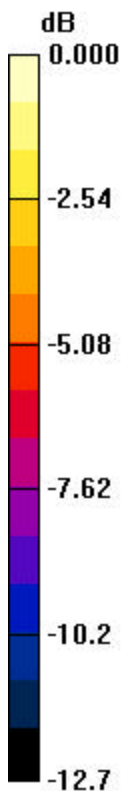
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.75 V/m

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.030 mW/g



0 dB = 0.051mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850 GPRS; 2 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 55.06$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm from DUT to Flat Phantom

Test Date: 06-21-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Body SAR, No Beltclip, Back side, Mid.ch

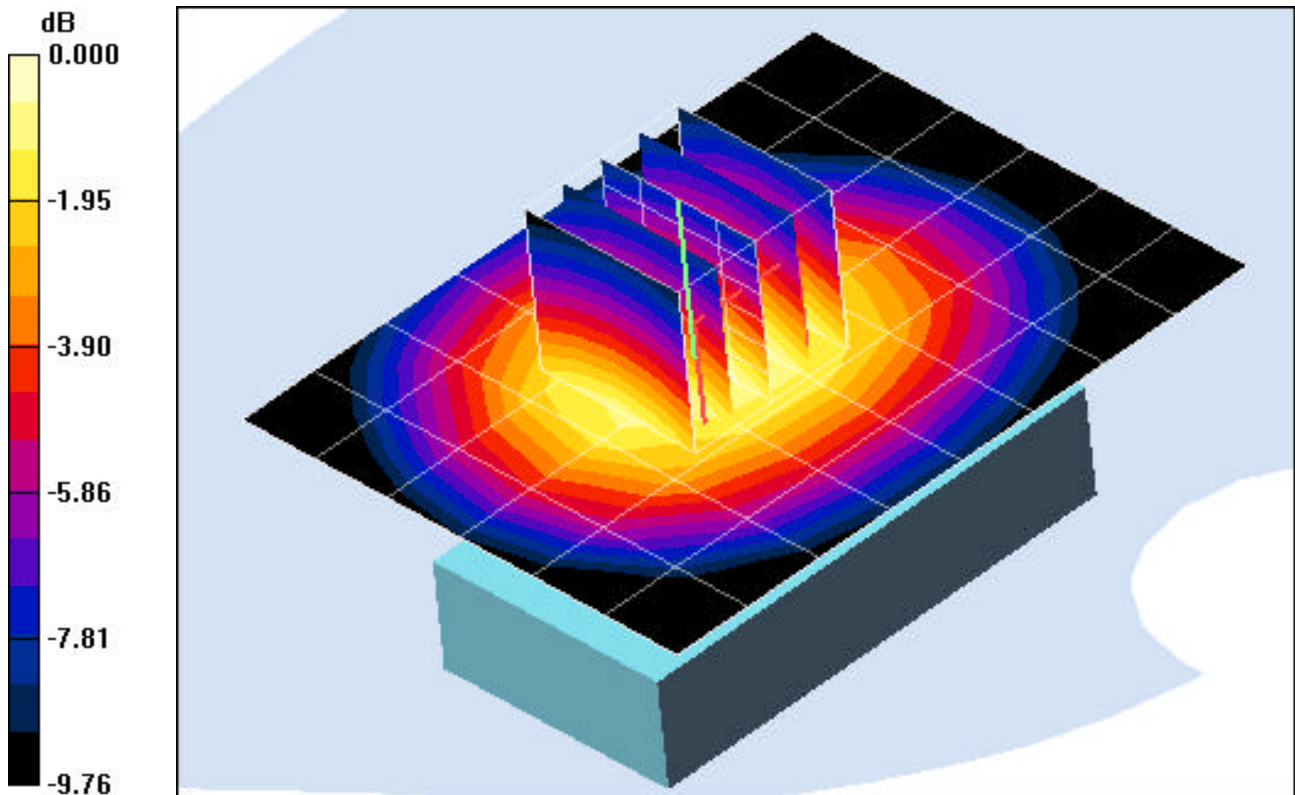
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.4 V/m

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.268 mW/g



0 dB = 0.426mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900 GPRS; 2 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 53.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm. from DUT to Flat Phantom

Test Date: 06-21-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Body SAR, No Beltclip, Back side, Mid.ch

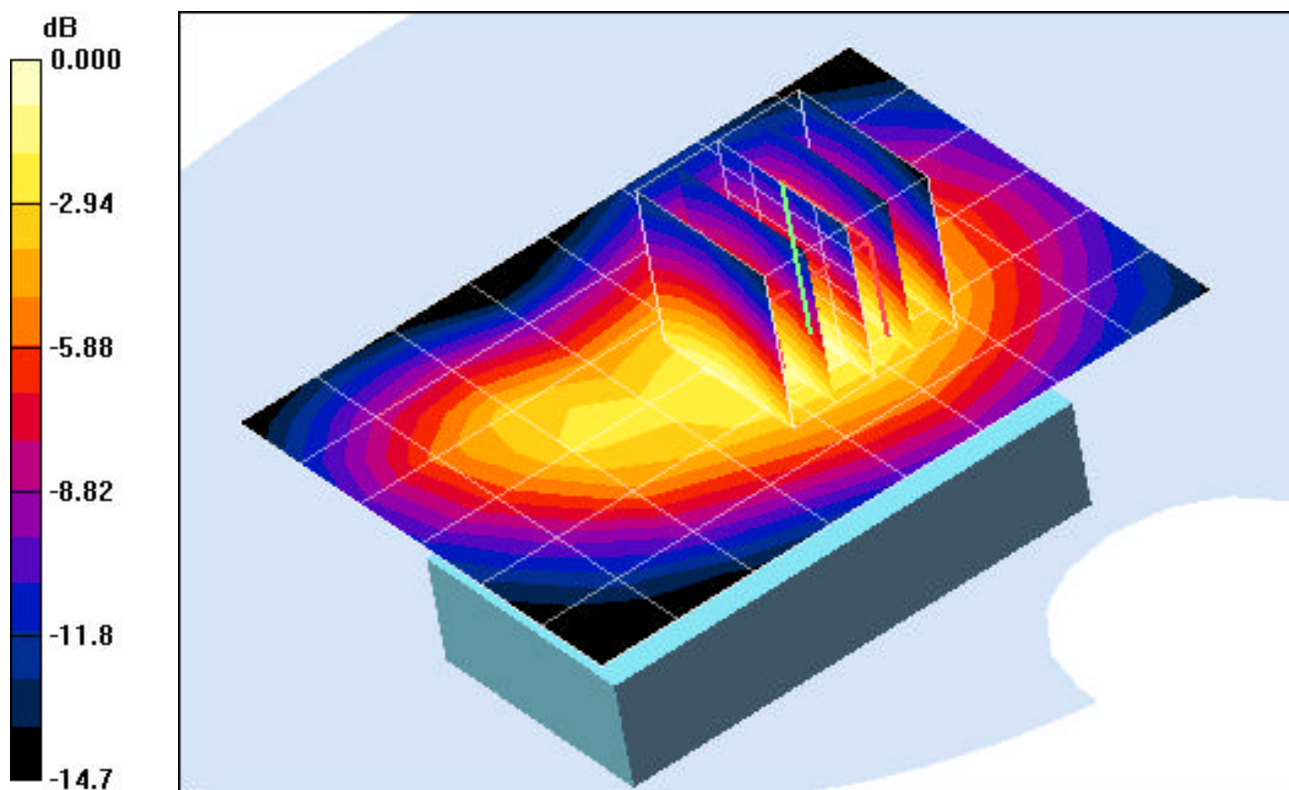
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.288 mW/g



0 dB = 0.538mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.55$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-19-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Left Head, Touch, Mid.ch

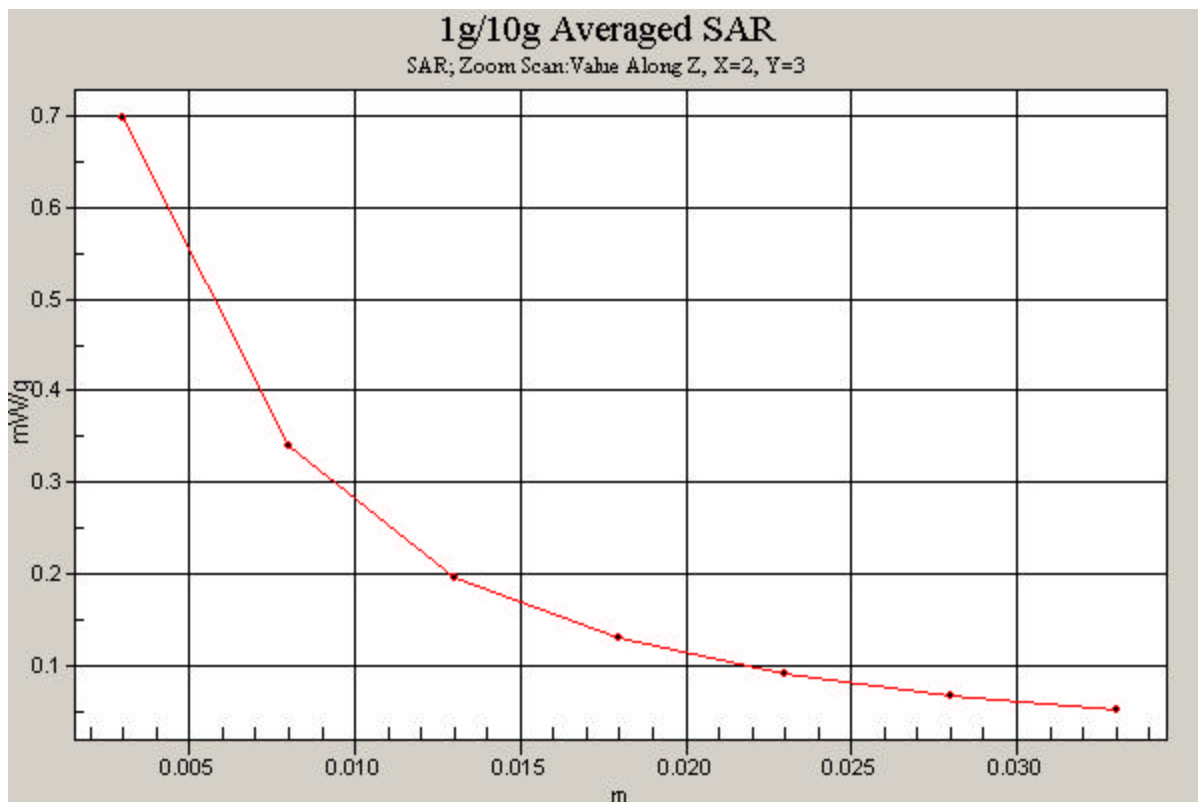
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.39 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.344 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.42$ mho/m, $\epsilon_r = 40.36$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Date: 06-20-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Left Head, Touch, Mid.ch

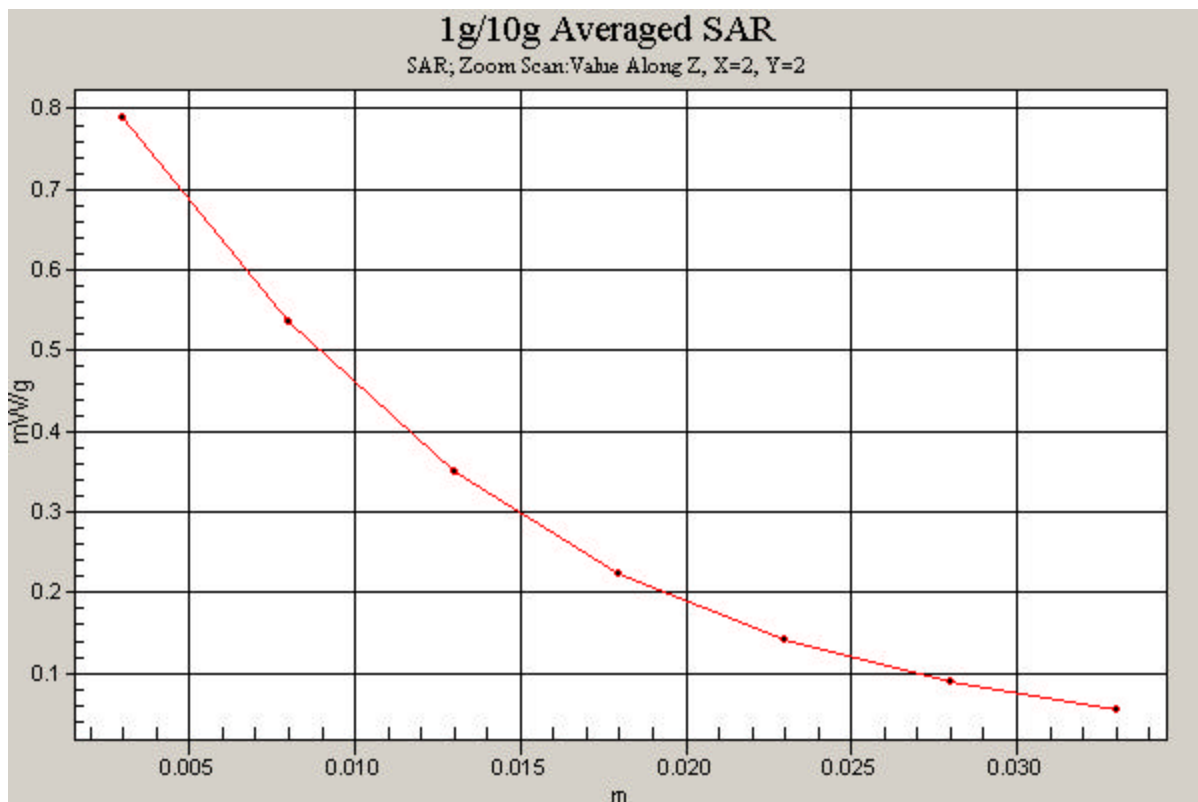
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.42 V/m

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.399 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM850 GPRS; 2 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 55.06$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm. from DUT to Flat Phantom

Test Date: 06-21-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM850, Body SAR, No Beltclip, Back side, Mid.ch

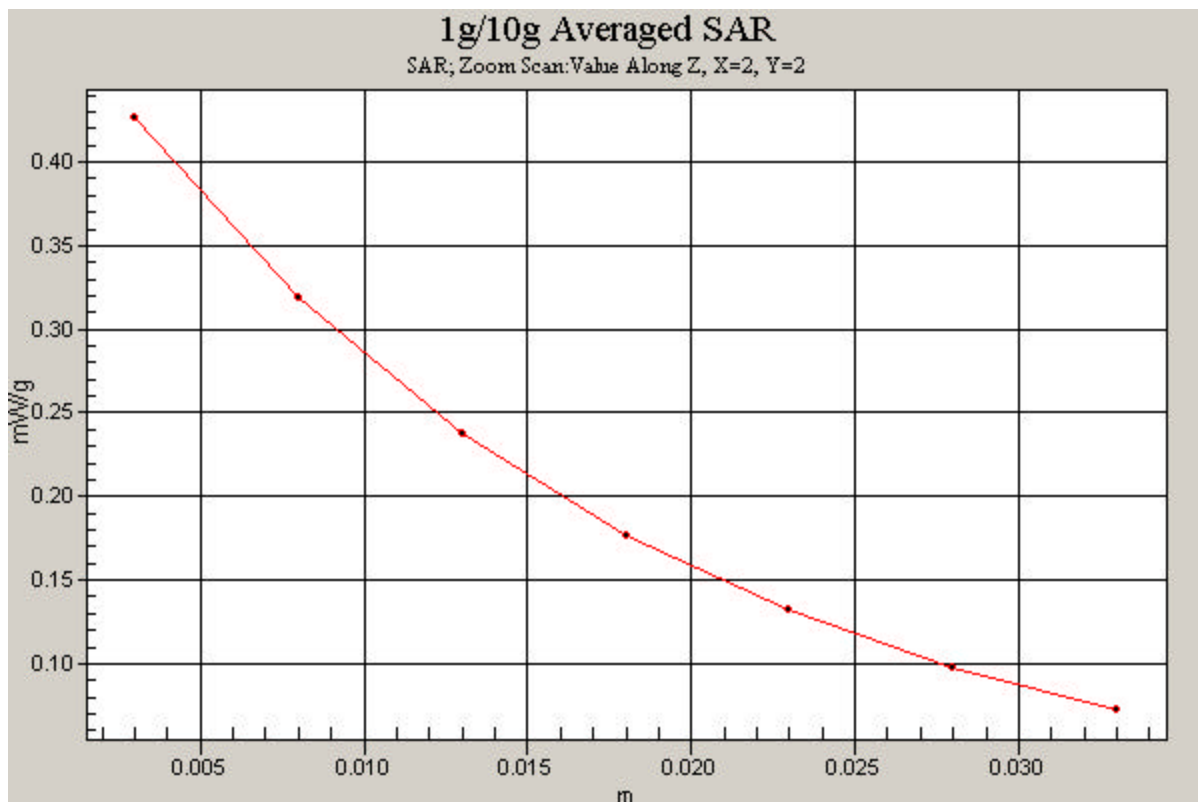
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.4 V/m

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.268 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with Bluetooth; Serial No: SAR #1

Communication System: GSM1900 GPRS; 2 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 53.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm. from DUT to Flat Phantom

Test Date: 06-21-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: GSM1900, Body SAR, No Beltclip, Back side, Mid.ch

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.288 mW/g

