

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.08$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-10-2007; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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

Band: Cellular, Right Head, Touch, High.ch

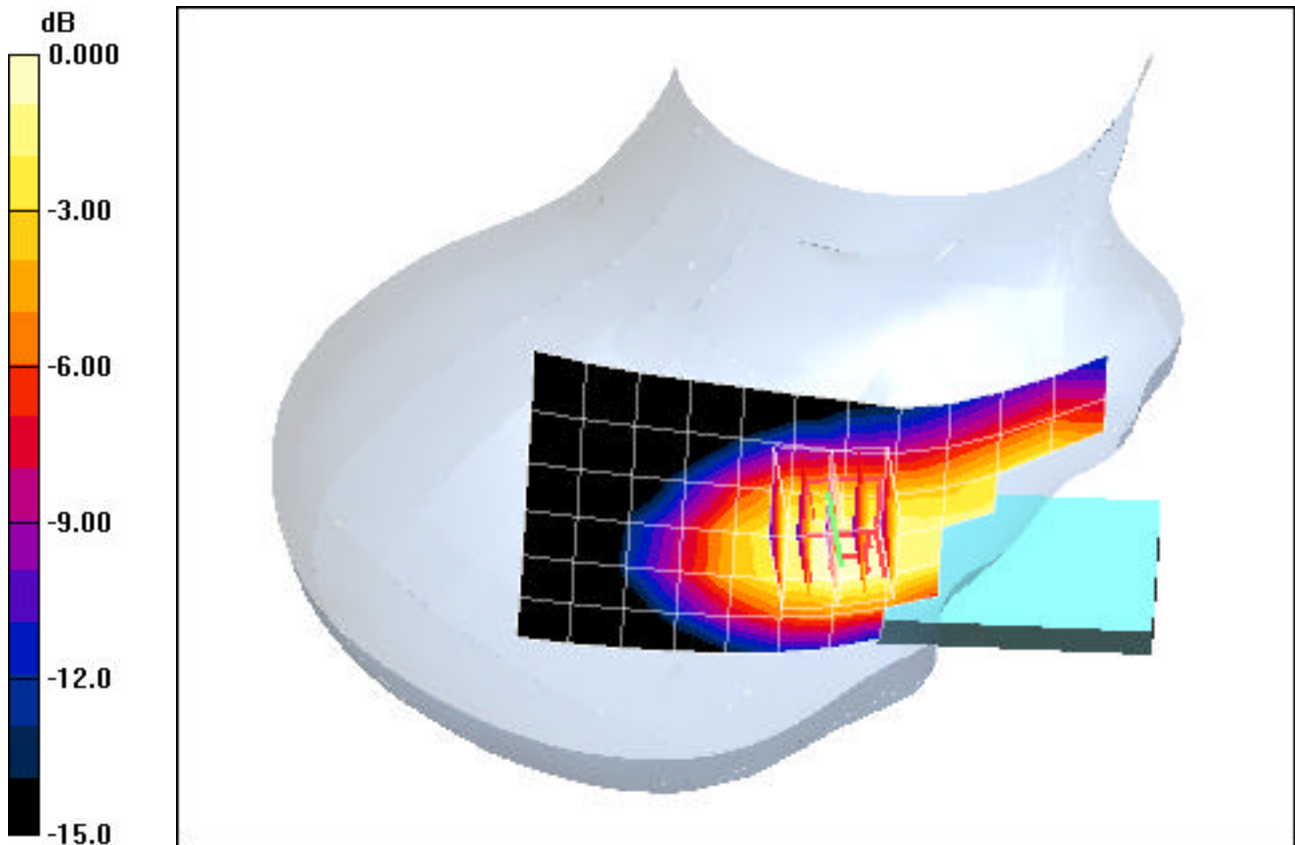
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.45 V/m

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.727 mW/g



0 dB = 1.25mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.08$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-10-2007; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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

Band: Cellular, Right Head, Tilt, Mid.ch

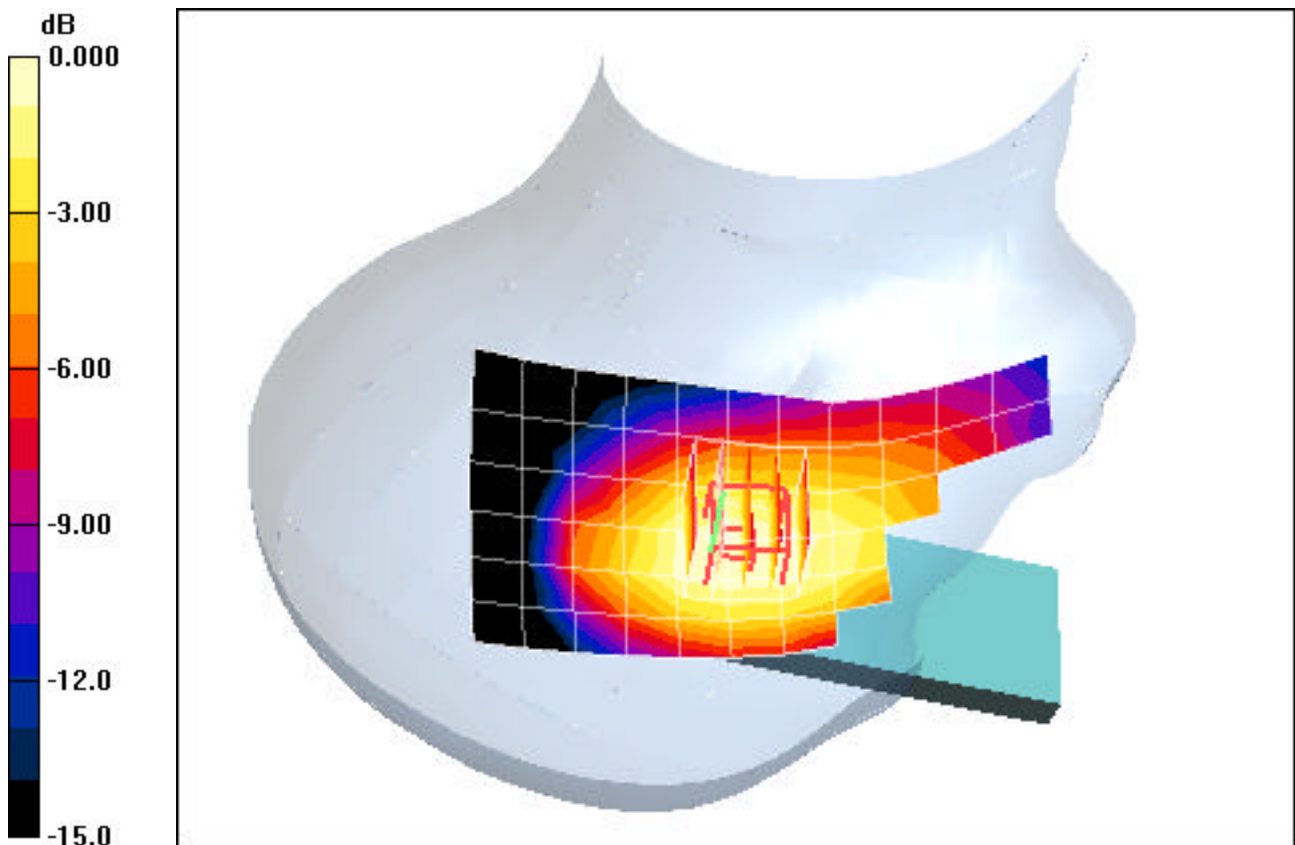
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.8 V/m

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.304 mW/g



0 dB = 0.452mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.08$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-10-2007; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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

Band: Cellular, Left Head, Touch, High.ch

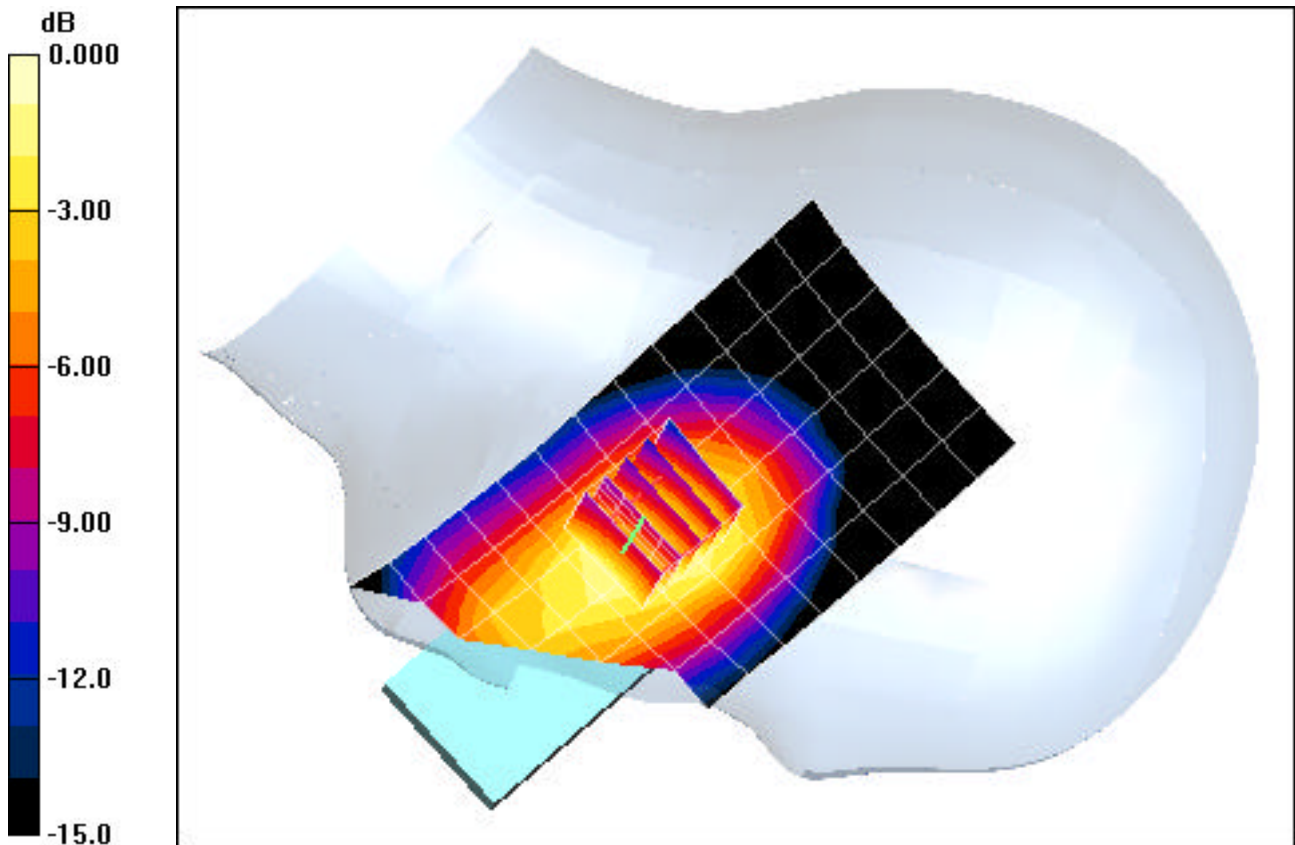
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.66 V/m

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.794 mW/g



0 dB = 1.43mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.08$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-10-2007; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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

Band: Cellular, Left Head, Tilt, Mid.ch

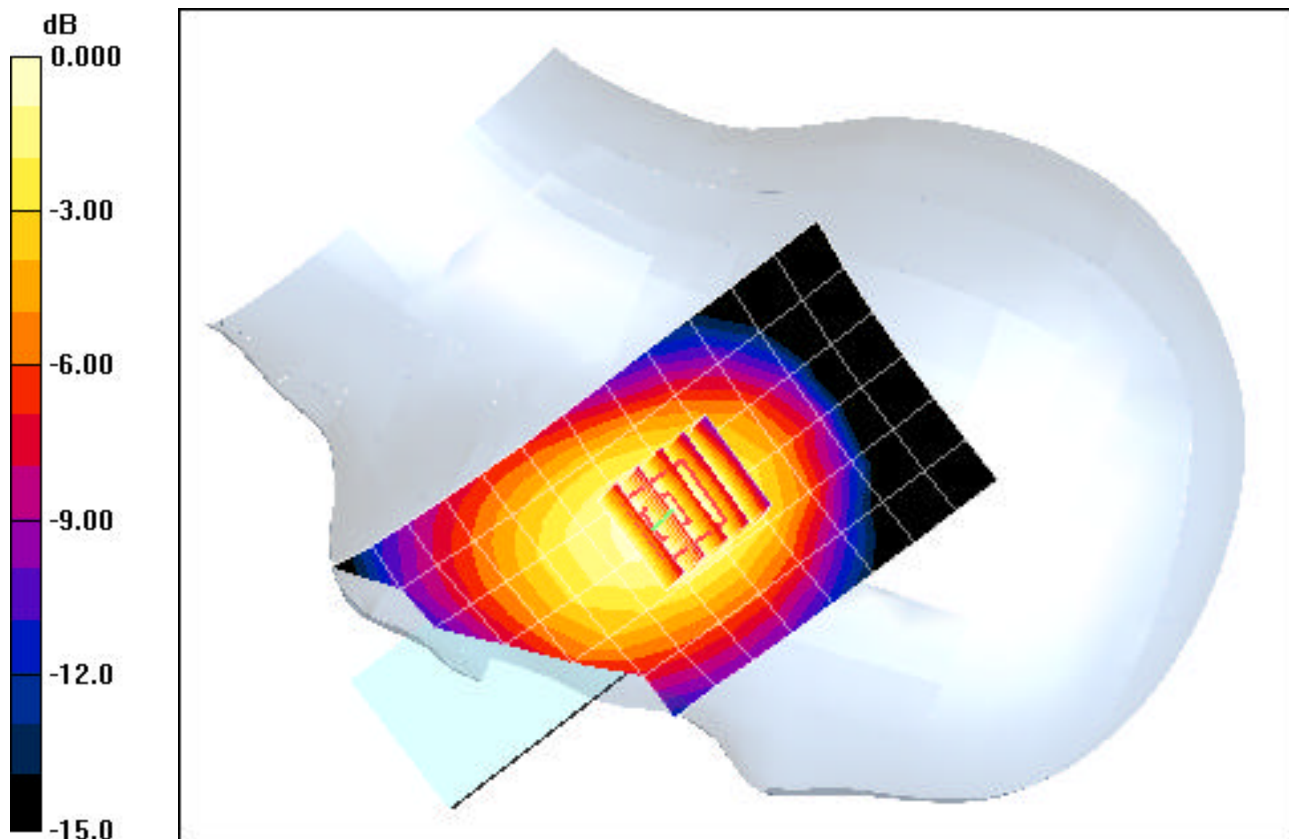
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.3 V/m

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.308 mW/g



0 dB = 0.472mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-10-2007; Ambient Temp: 22.8°C; Tissue Temp: 21.5°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 Sub; Type: SAM 4.0; Serial: TP:1357

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

Band: PCS, Right Head, Touch, Mid.ch

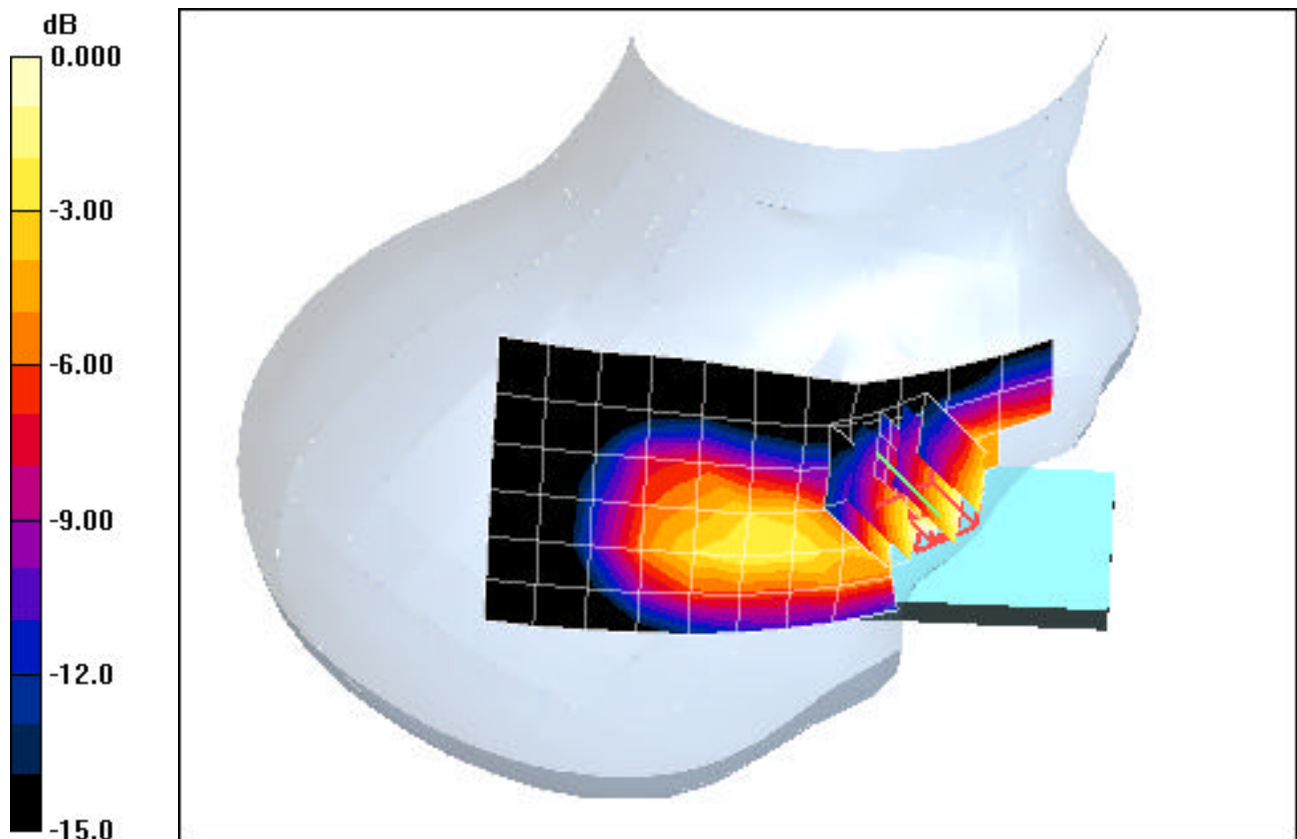
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.10 V/m

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.287 mW/g



0 dB = 0.537mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 05-10-2007; Ambient Temp: 22.8°C; Tissue Temp: 21.5°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 Sub; Type: SAM 4.0; Serial: TP:1357

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

Band: PCS, Right Head, Tilt, Mid.ch

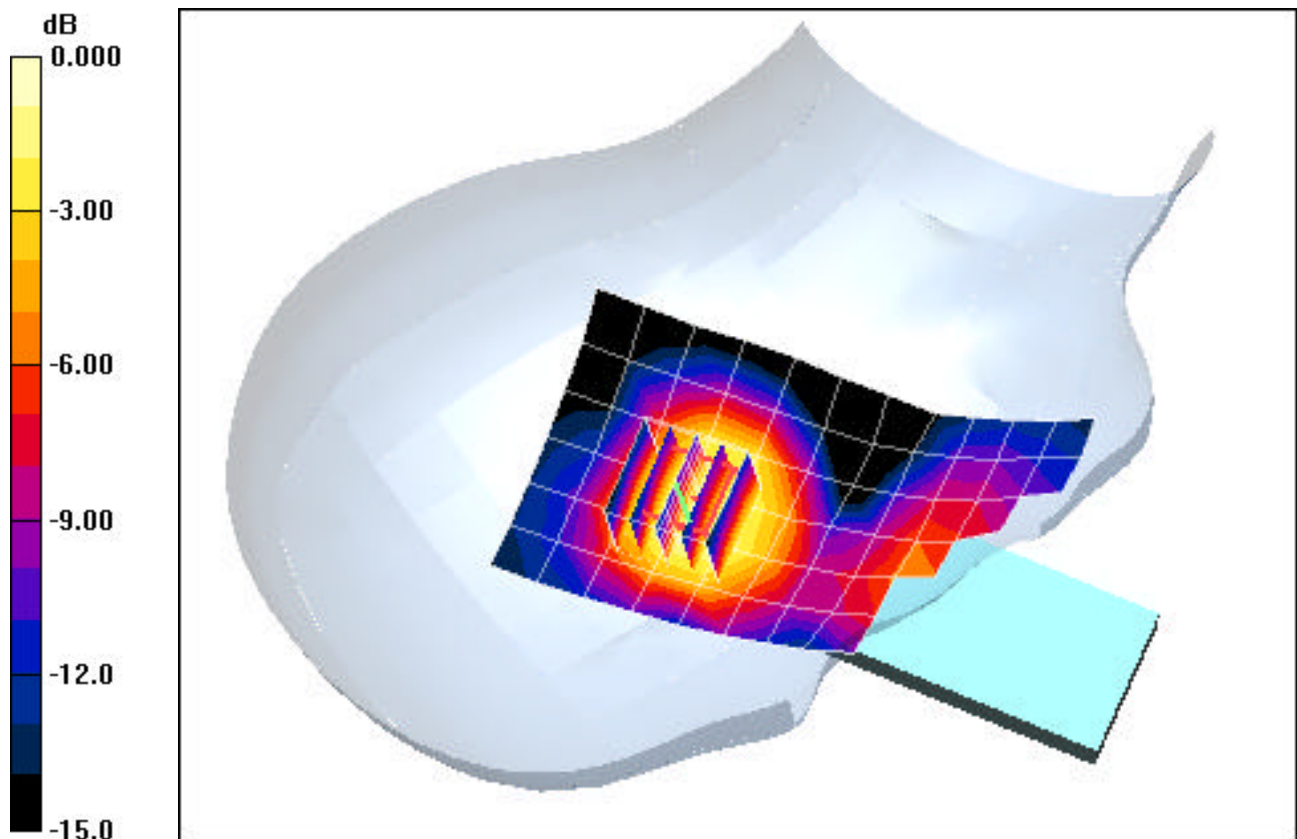
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.25 V/m

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.123 mW/g



0 dB = 0.229mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-10-2007; Ambient Temp: 22.8°C; Tissue Temp: 21.5°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 Sub; Type: SAM 4.0; Serial: TP:1357

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

Band: PCS, Left Head, Touch, High.ch

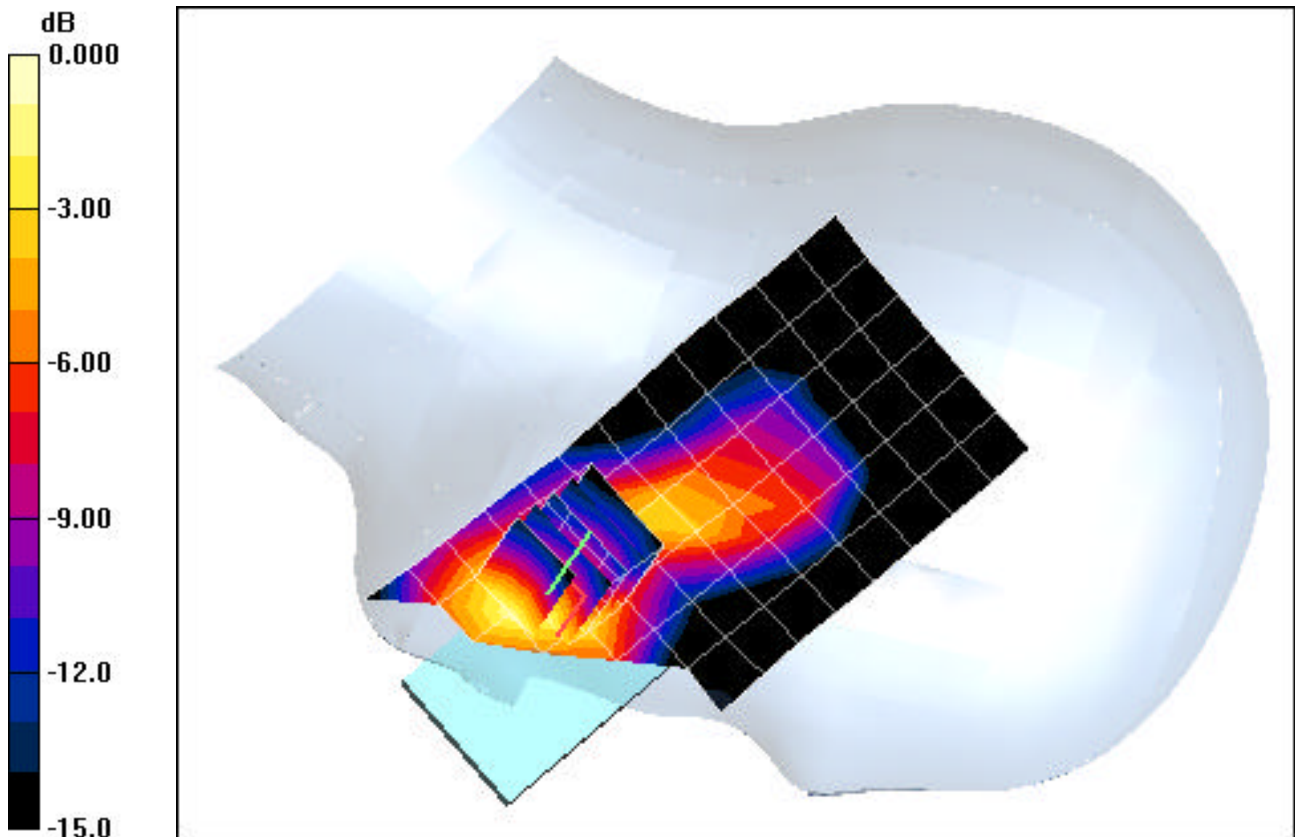
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.37 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.612 mW/g



0 dB = 1.28mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

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

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-10-2007; Ambient Temp: 22.8°C; Tissue Temp: 21.5°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 Sub; Type: SAM 4.0; Serial: TP:1357

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

Band: PCS, Left Head, Tilt, Mid.ch

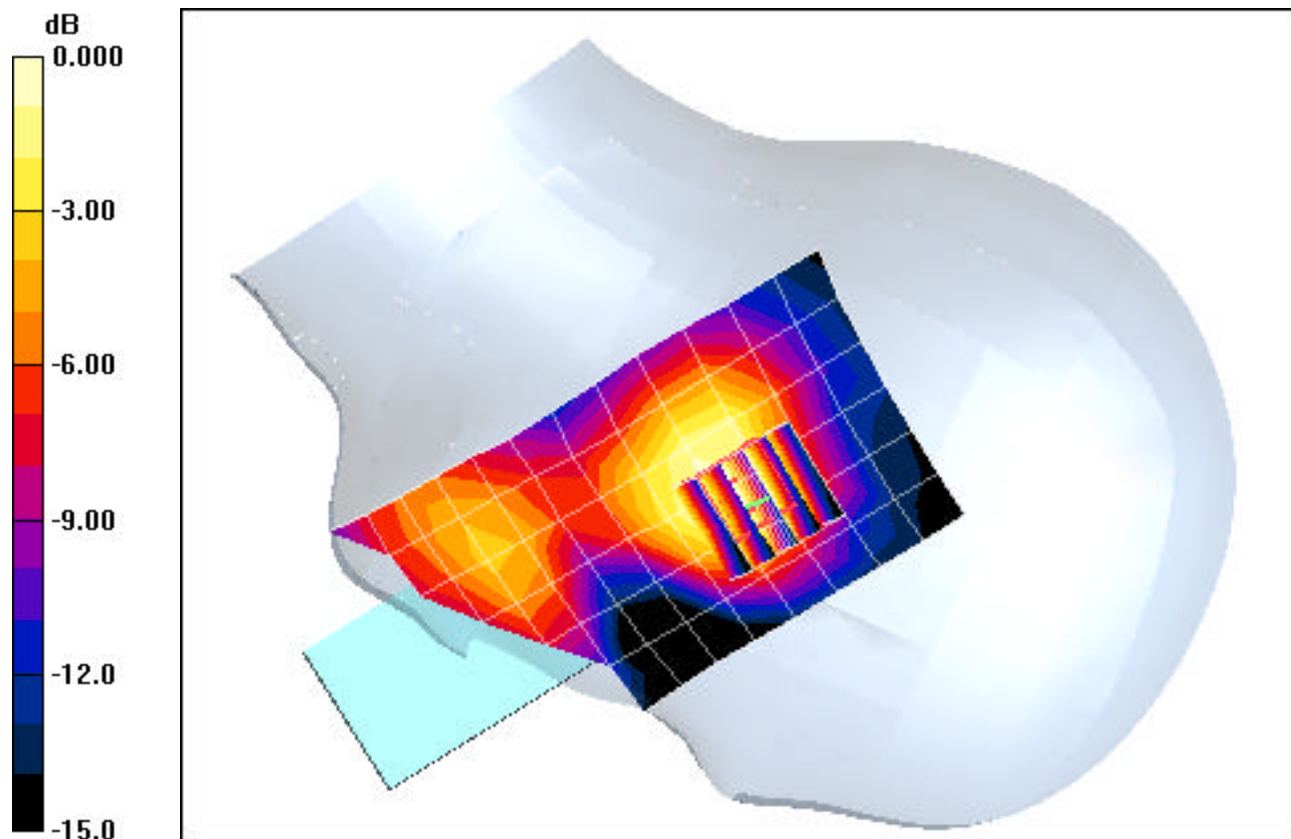
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.10 V/m

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.205mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 54.17$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm

Test Date: 05-11-2007; Ambient Temp: 23.0°C; Tissue Temp: 21.4°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:1197

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

Band: Cellular, Body SAR, GPRS mode, Back side, Mid.ch

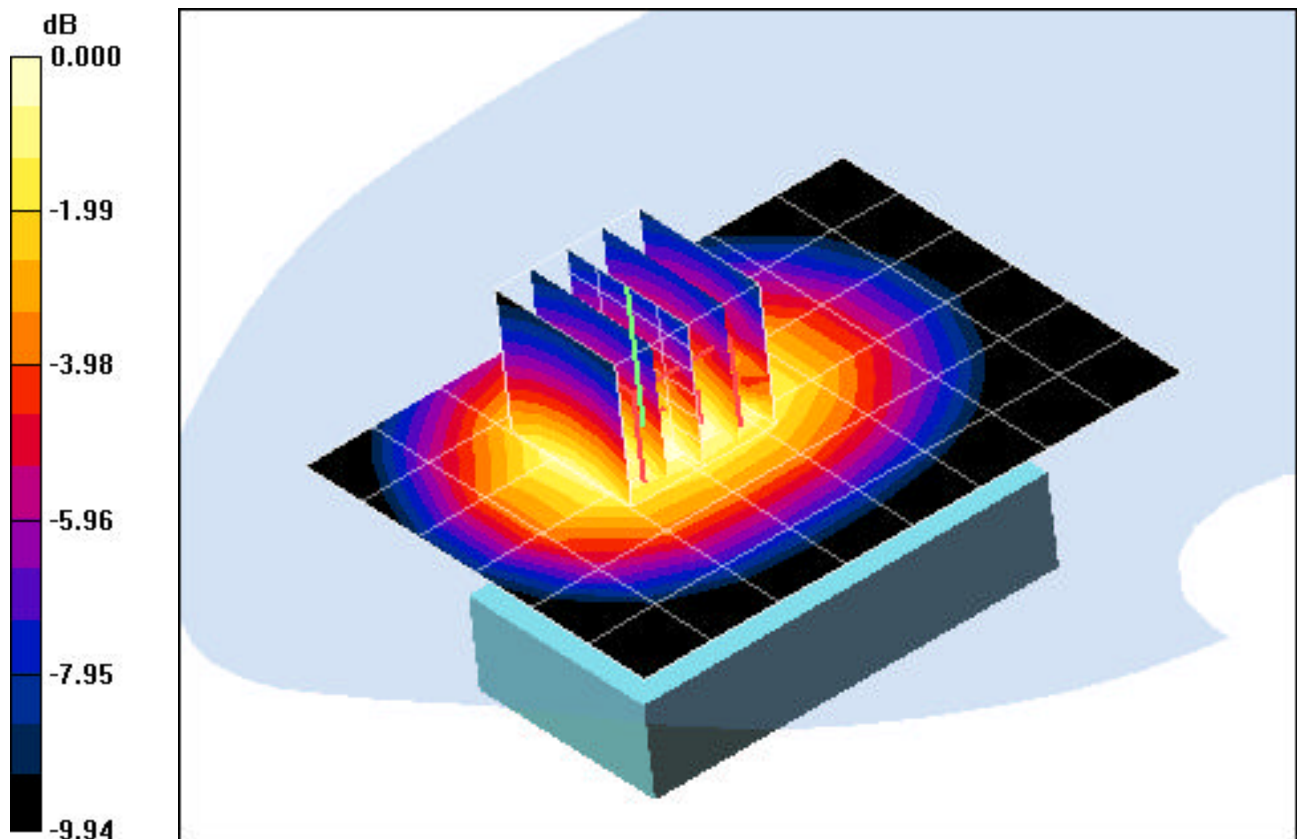
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.3 V/m

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.460 mW/g



0 dB = 0.729mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

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

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 55.37$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm

Test Date: 05-11-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.8°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

Band: PCS, Body SAR, GPRS mode, Back side, Mid.ch

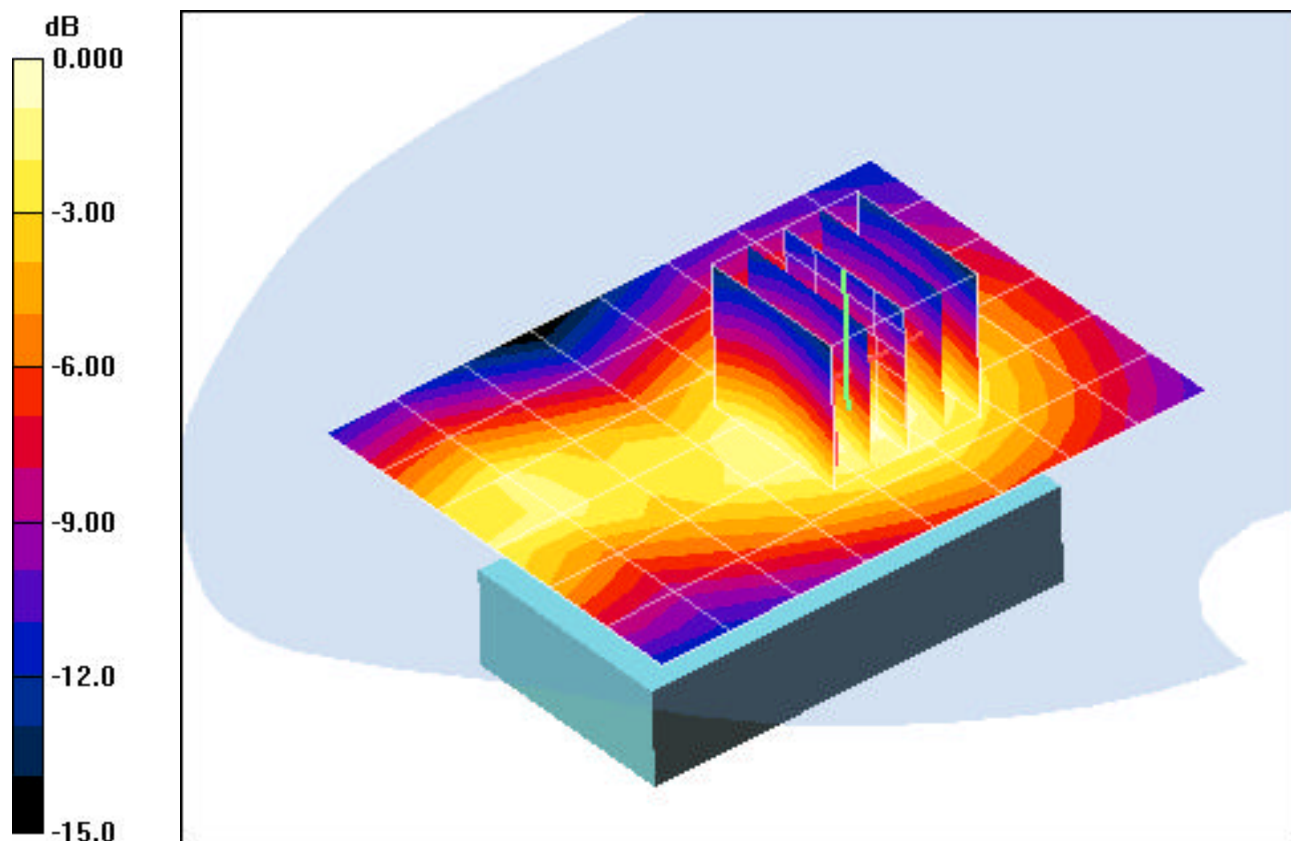
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.81 V/m

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.214 mW/g



0 dB = 0.399mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Brain ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.08$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-10-2007; Ambient Temp: 23.1°C; Tissue Temp: 21.2°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

Band: Cellular, Left Head, Touch, High.ch

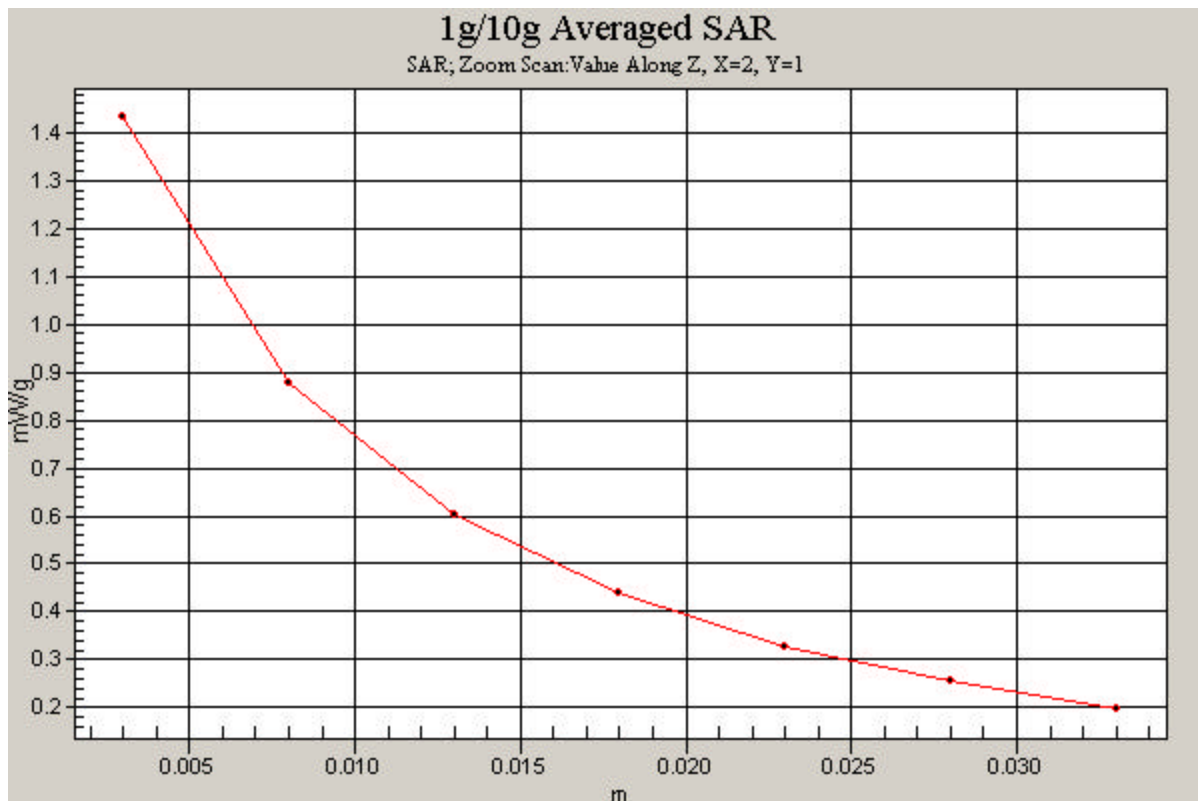
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.66 V/m

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.794 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.46$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 05-10-2007; Ambient Temp: 22.8°C; Tissue Temp: 21.5°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 Sub; Type: SAM 4.0; Serial: TP:1357

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

Band: PCS, Left Head, Touch, High.ch

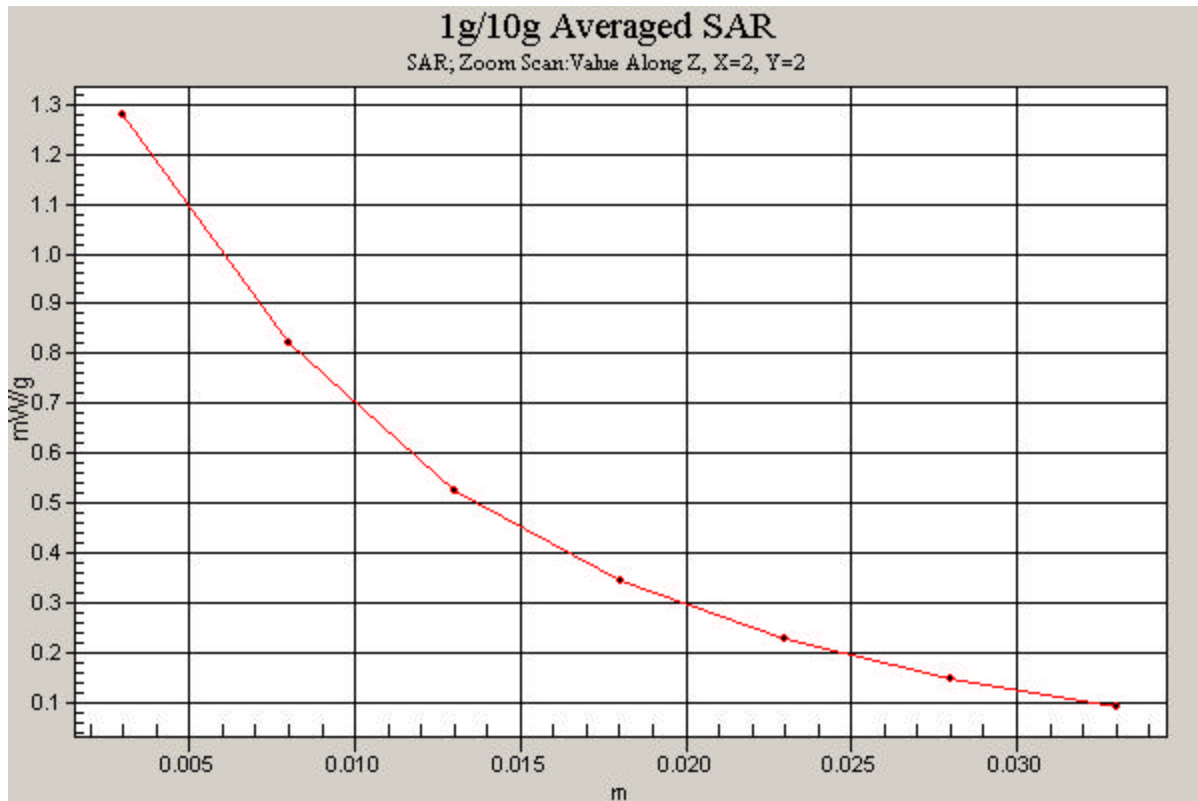
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.37 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.612 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 33.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 54.17$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm

Test Date: 05-11-2007; Ambient Temp: 23.0°C; Tissue Temp: 21.4°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:1197

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

Band: Cellular, Body SAR, GPRS mode, Back side, Mid.ch

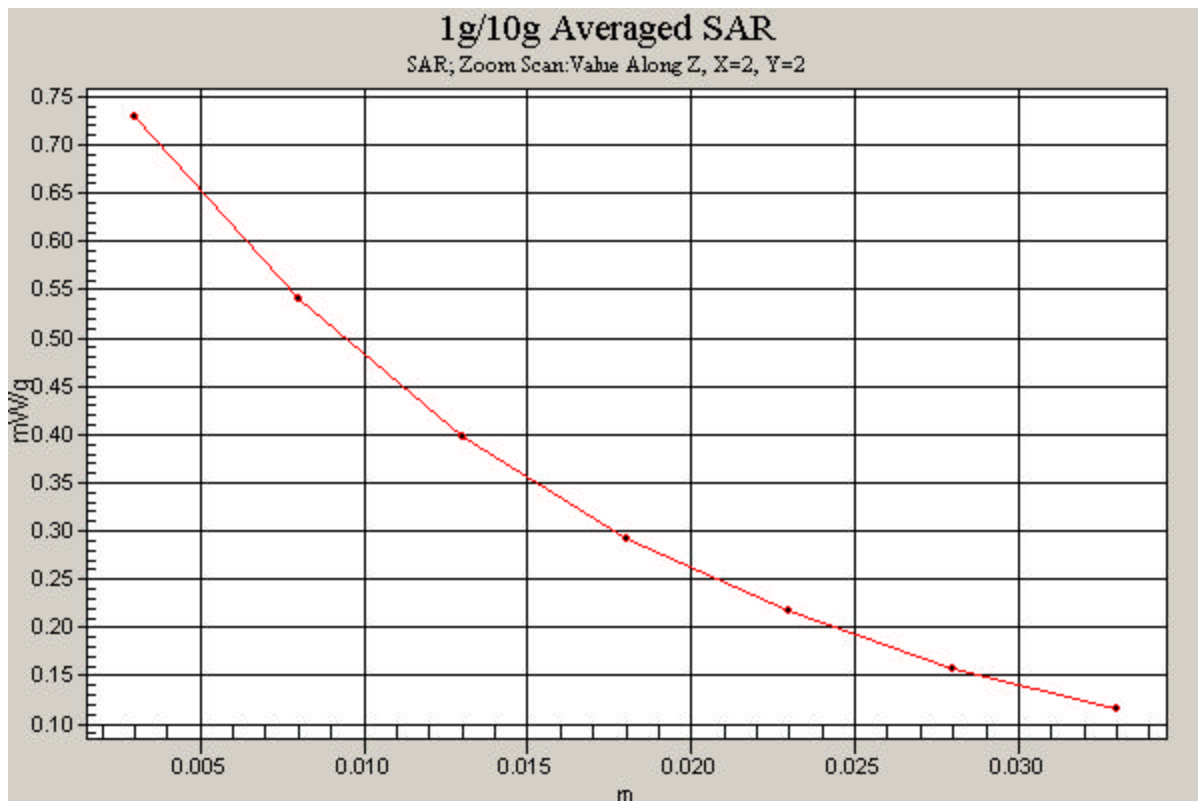
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.3 V/m

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.460 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CE110; Type: 850/1900 GSM/GPRS/EDGE Phone with BT; Serial: 704KPED072044
Conducted Power: 30.0 dBm

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

Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 55.37$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm

Test Date: 05-11-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.8°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

Band: PCS, Body SAR, GPRS mode, 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 = 8.81 V/m

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.214 mW/g

