

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Brain ($s = 0.9$ mho/m, $\epsilon_r = 40.53$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

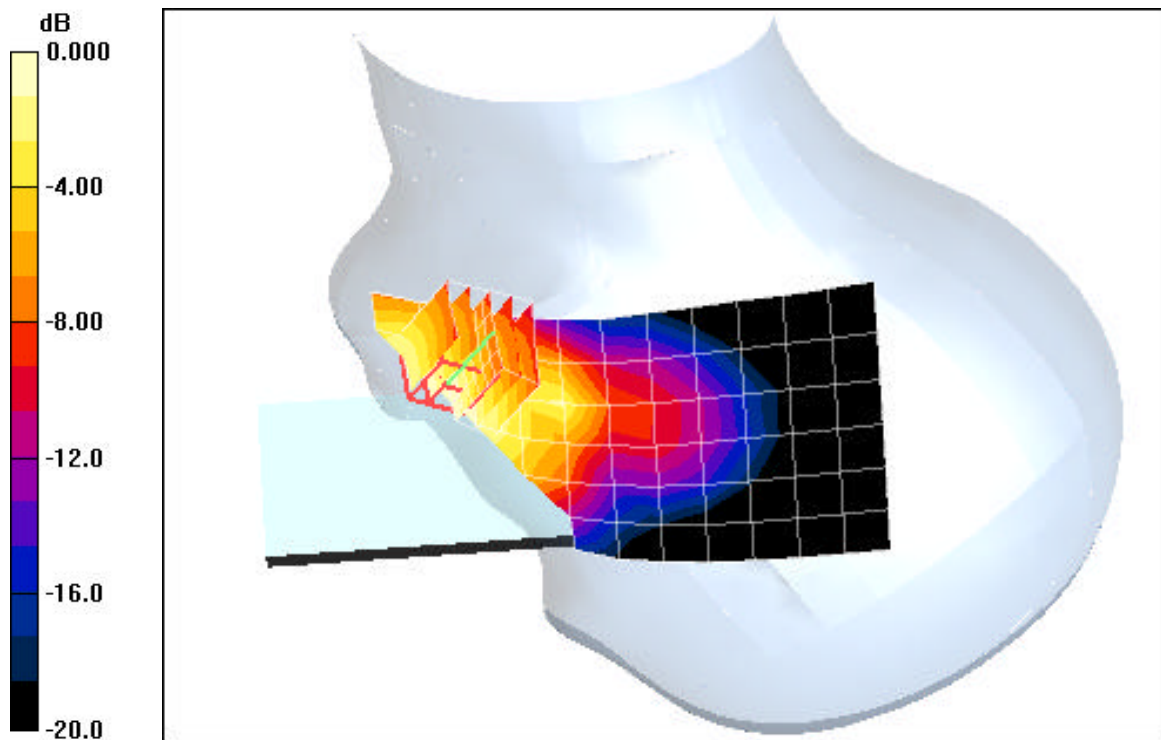
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.52 V/m

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.369 mW/g



0 dB = 0.620mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Brain ($s = 0.9$ mho/m, $\epsilon_r = 40.53$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

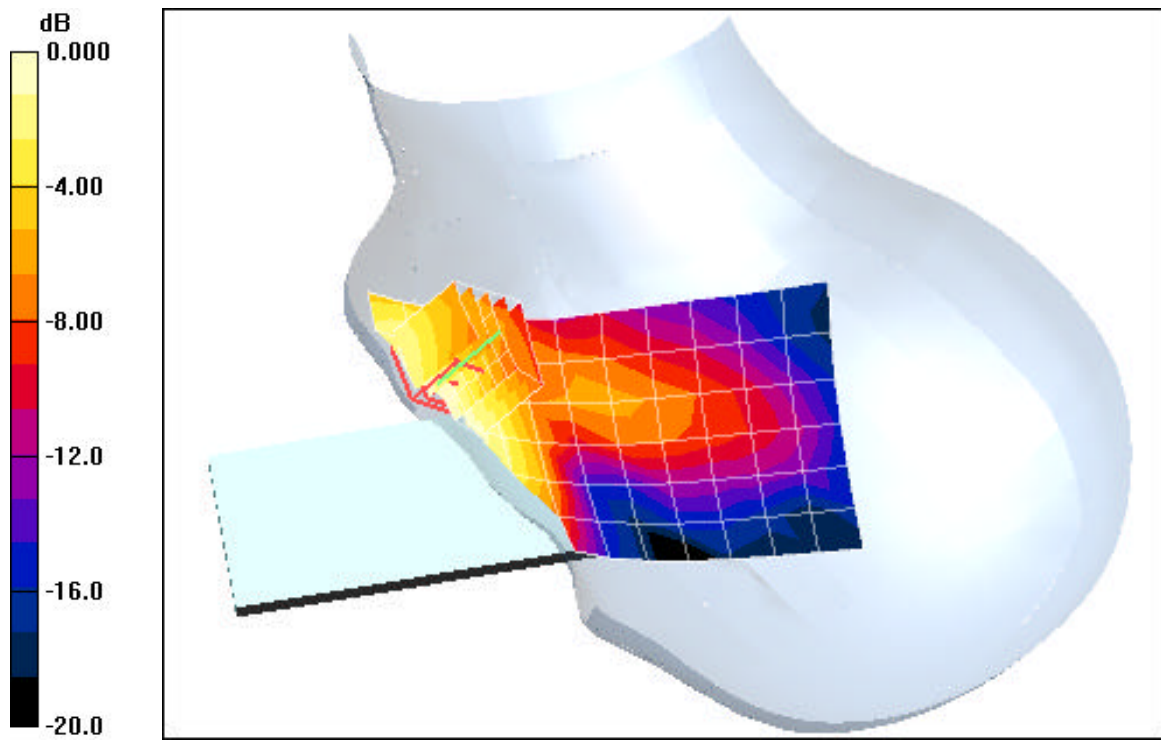
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.64 V/m

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.041 mW/g



0 dB = 0.063mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Brain ($s = 0.9 \text{ mho/m}$, $\epsilon_r = 40.53$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

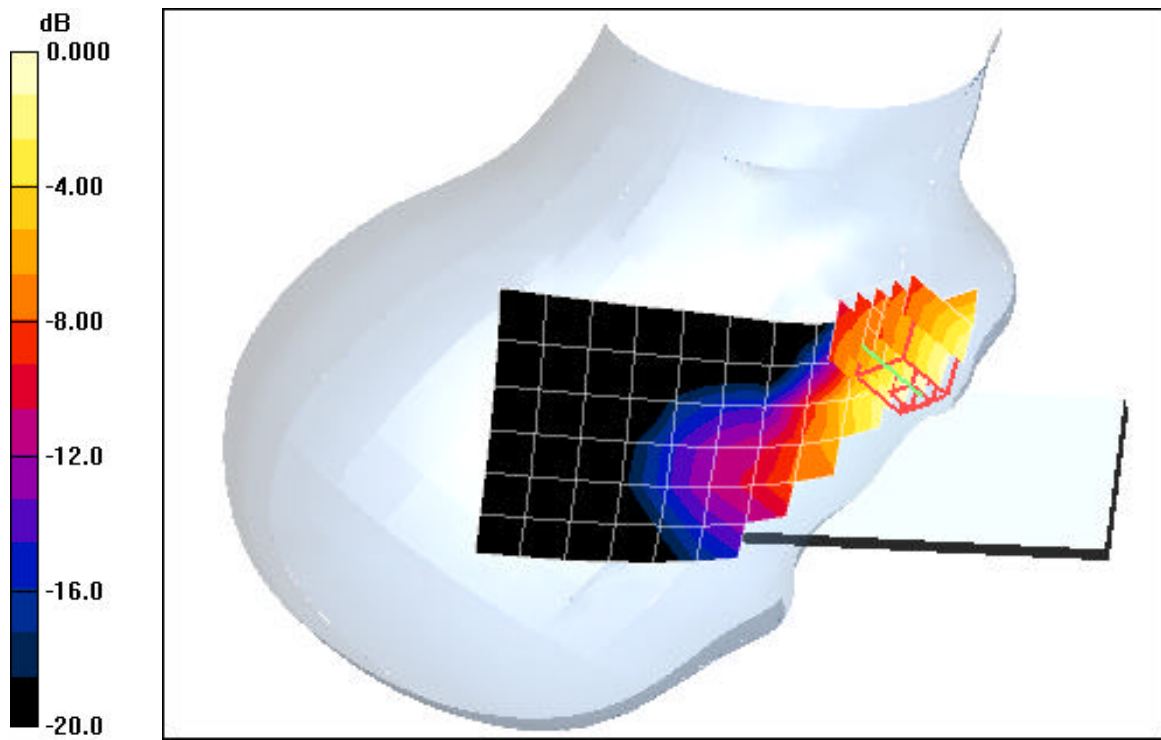
Area Scan (7x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.52 V/m

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.376 mW/g



0 dB = 0.657mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Brain ($s = 0.9 \text{ mho/m}$, $\epsilon_r = 40.53$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

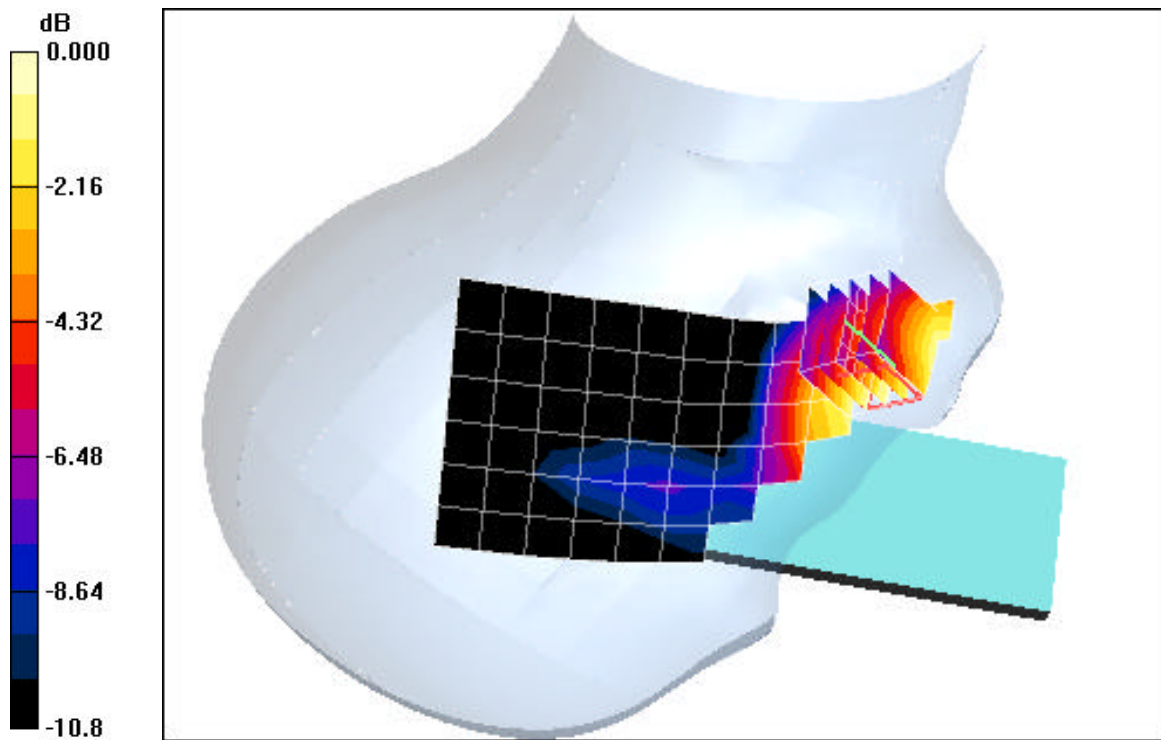
Area Scan (7x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.43 V/m

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.052 mW/g



0 dB = 0.077mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DAS4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

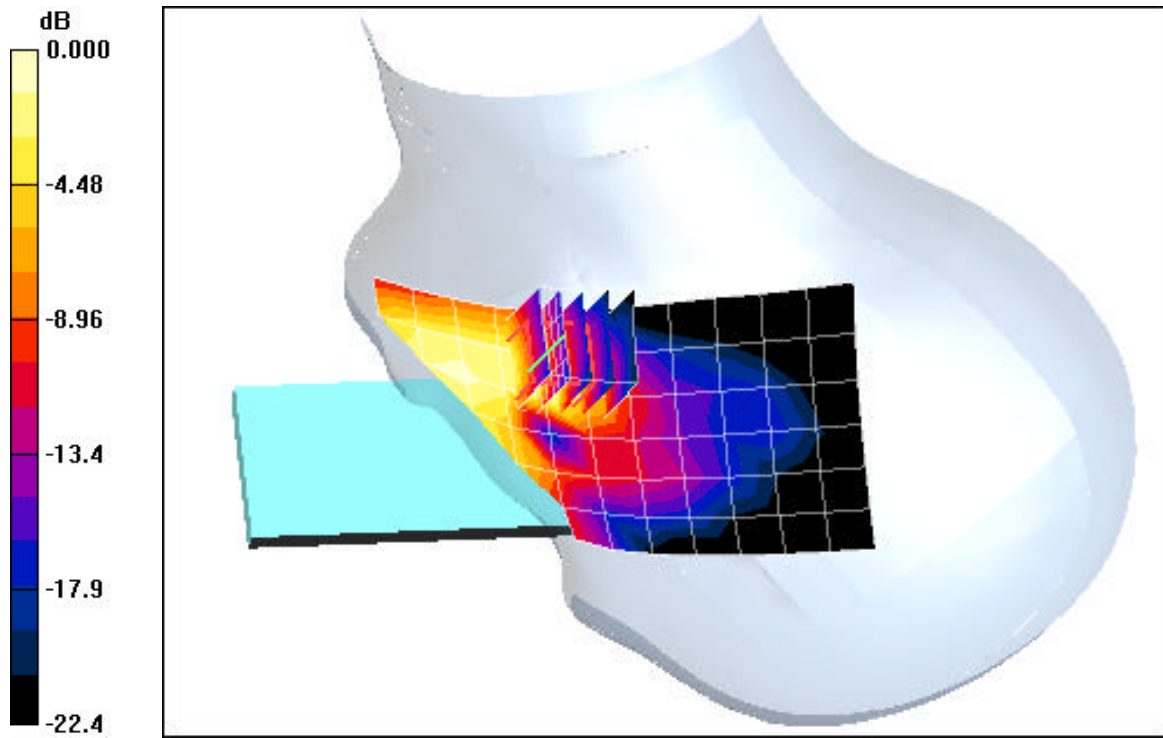
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.09 V/m

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.313mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

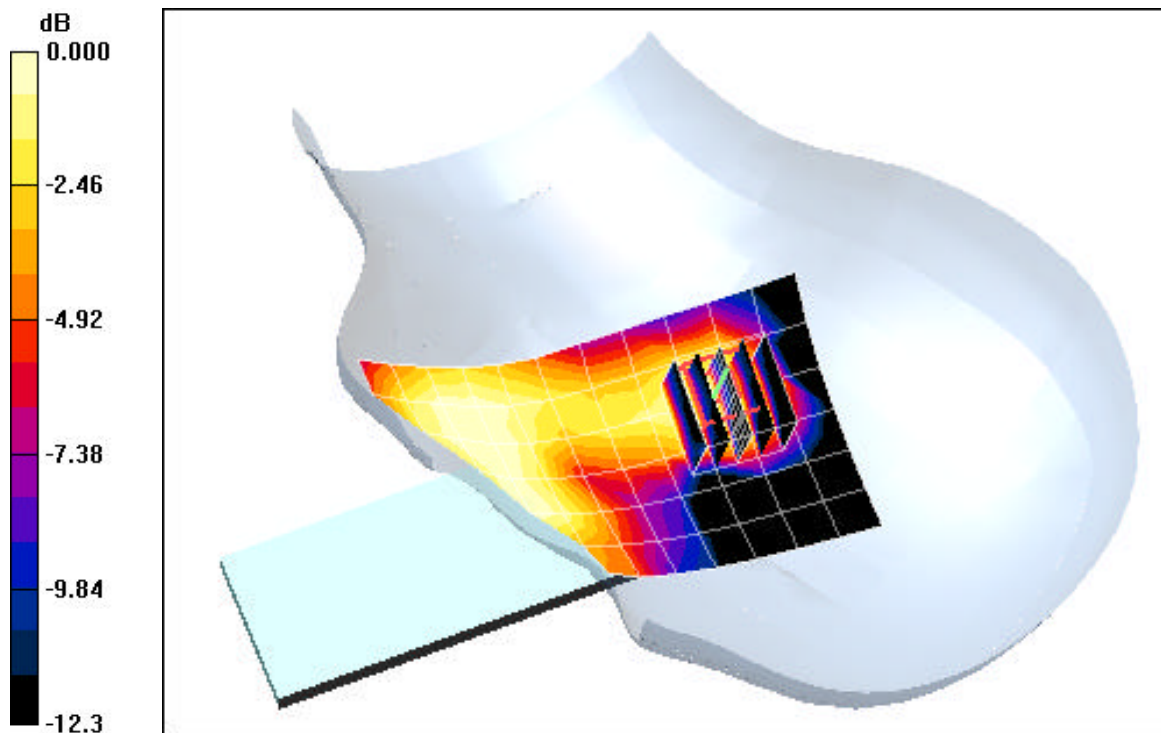
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.10 V/m

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.032mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

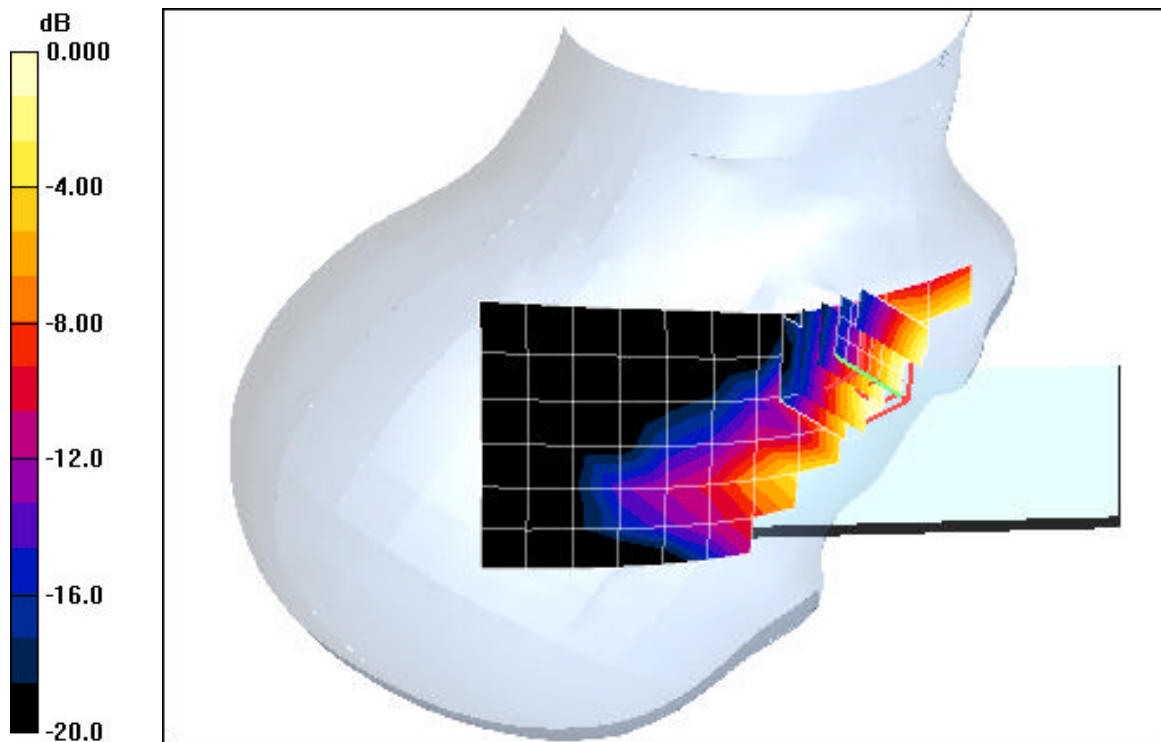
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.31 V/m

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.160 mW/g



0 dB = 0.352mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

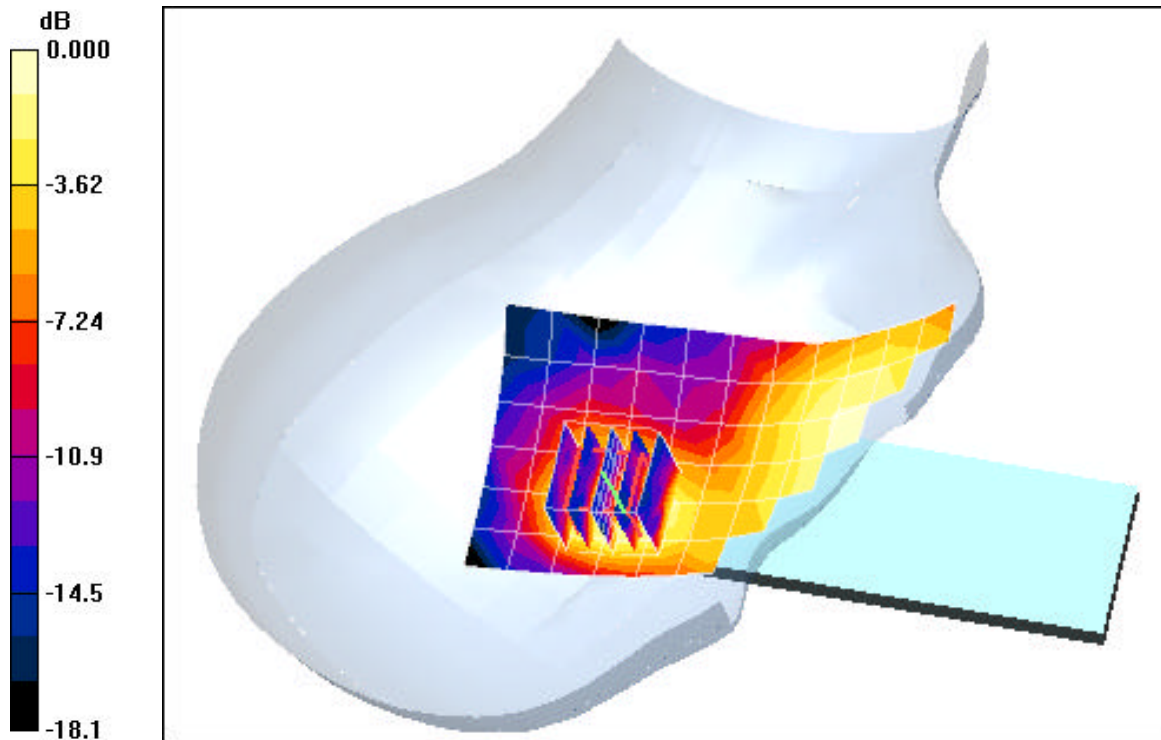
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.65 V/m

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.035mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Muscle ($s = 0.98 \text{ mho/m}$, $\epsilon_r = 54.1$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-19-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.15, 8.15, 8.15); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: GSM850, Body SAR, Mid.ch

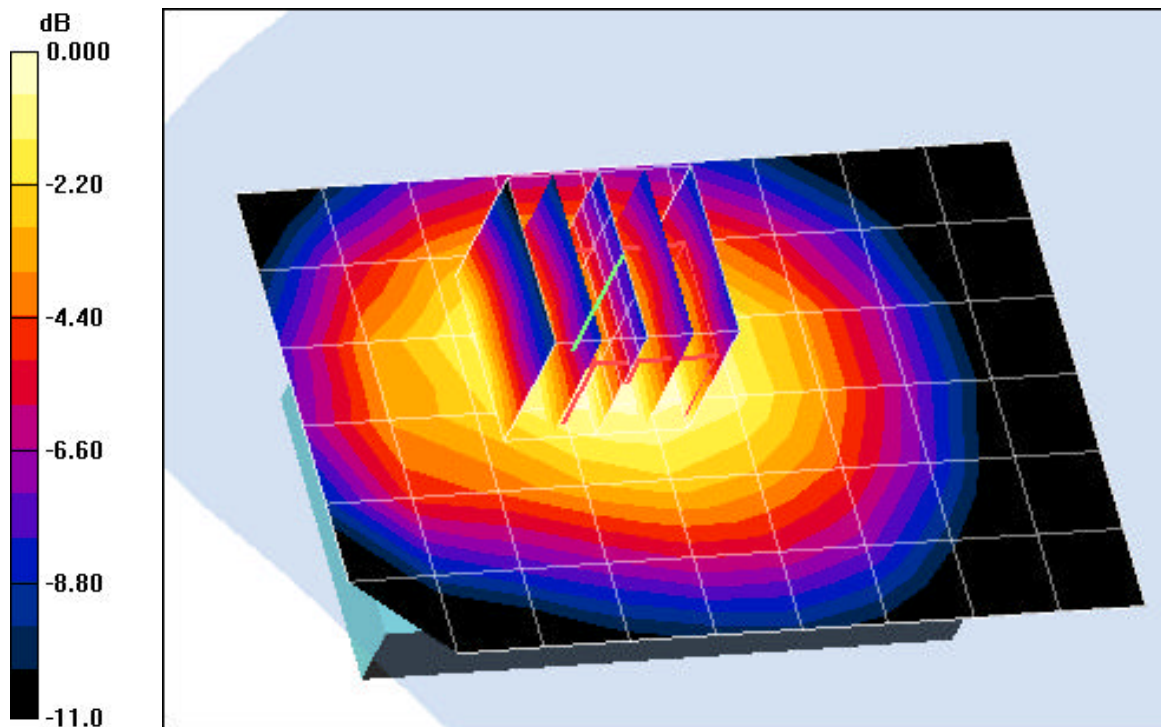
Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.736 mW/g



0 dB = 1.20mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Muscle ($s = 1.56 \text{ mho/m}$, $\epsilon_r = 54.15$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-19-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(6.64, 6.64, 6.64); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: GSM1900, Body SAR, Mid.ch

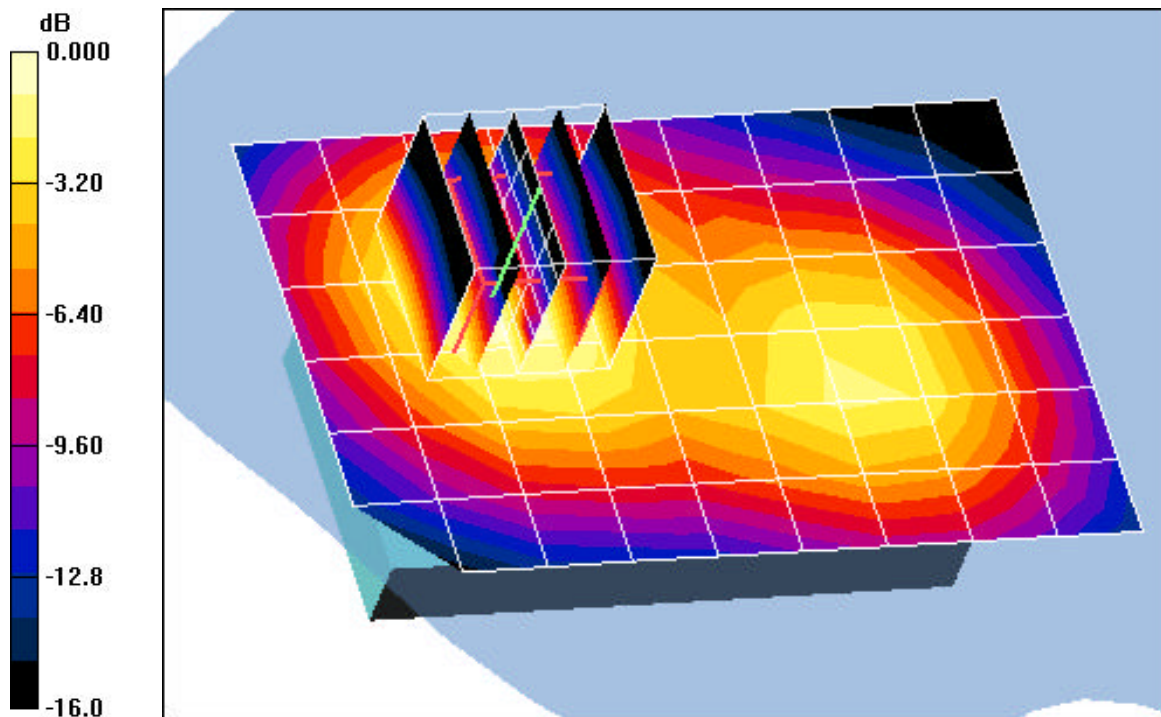
Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.20 V/m

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.217 mW/g



0 dB = 0.484mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($s = 0.9$ mho/m, $\epsilon_r = 40.53$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA850, Left Head, Touch, Mid.ch

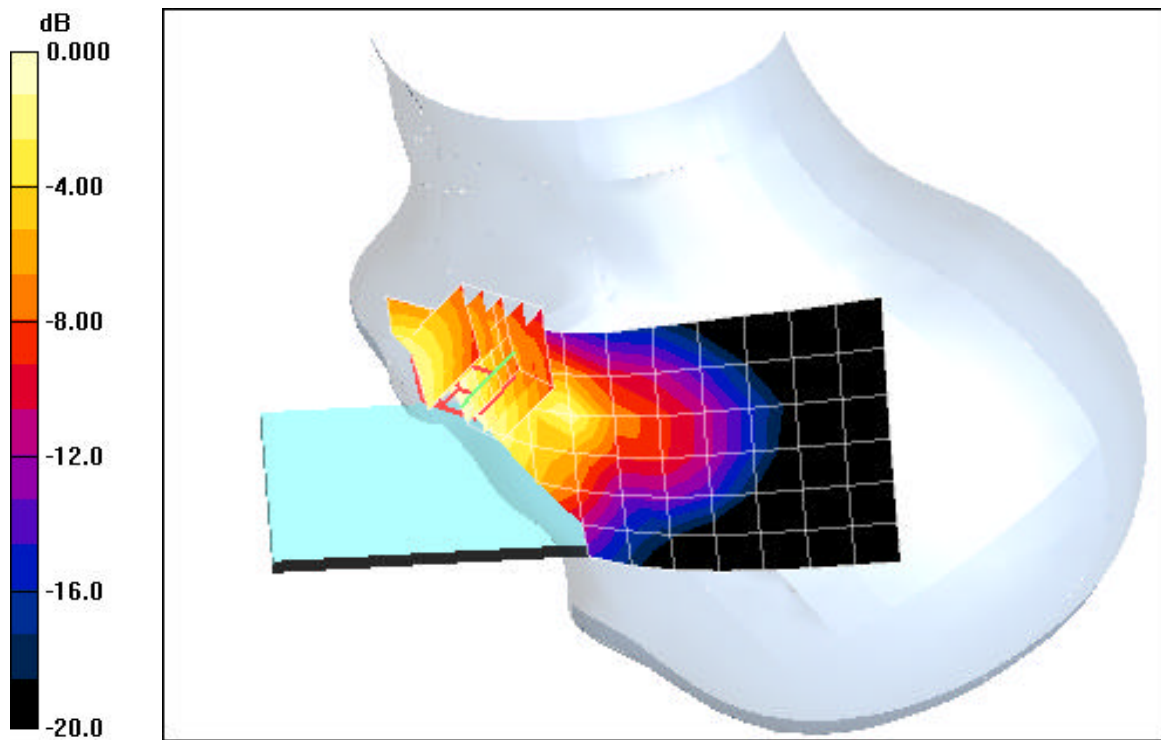
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.02 V/m

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.381 mW/g



0 dB = 0.645mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($s = 0.9 \text{ mho/m}$, $\epsilon_r = 40.53$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA850, Left Head, Tilt, Mid.ch

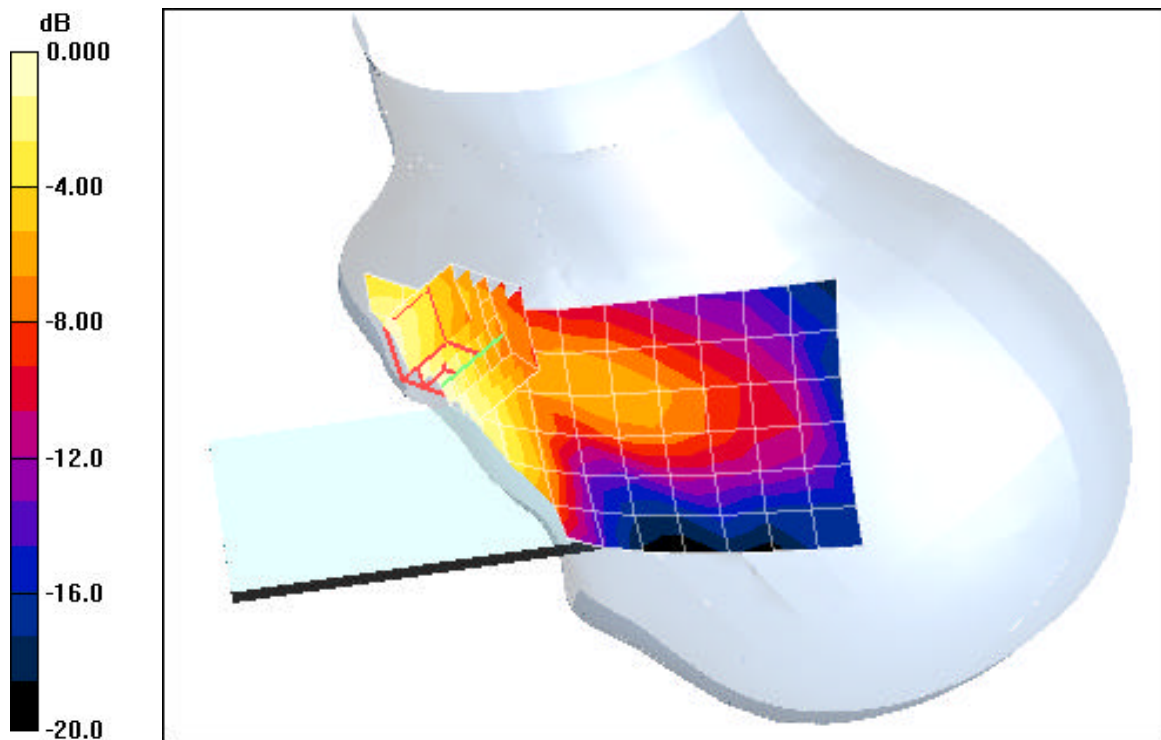
Area Scan (7x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.69 V/m

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.049 mW/g



0 dB = 0.075mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($s = 0.9 \text{ mho/m}$, $\epsilon_r = 40.53$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA850, Right Head, Touch, Mid.ch

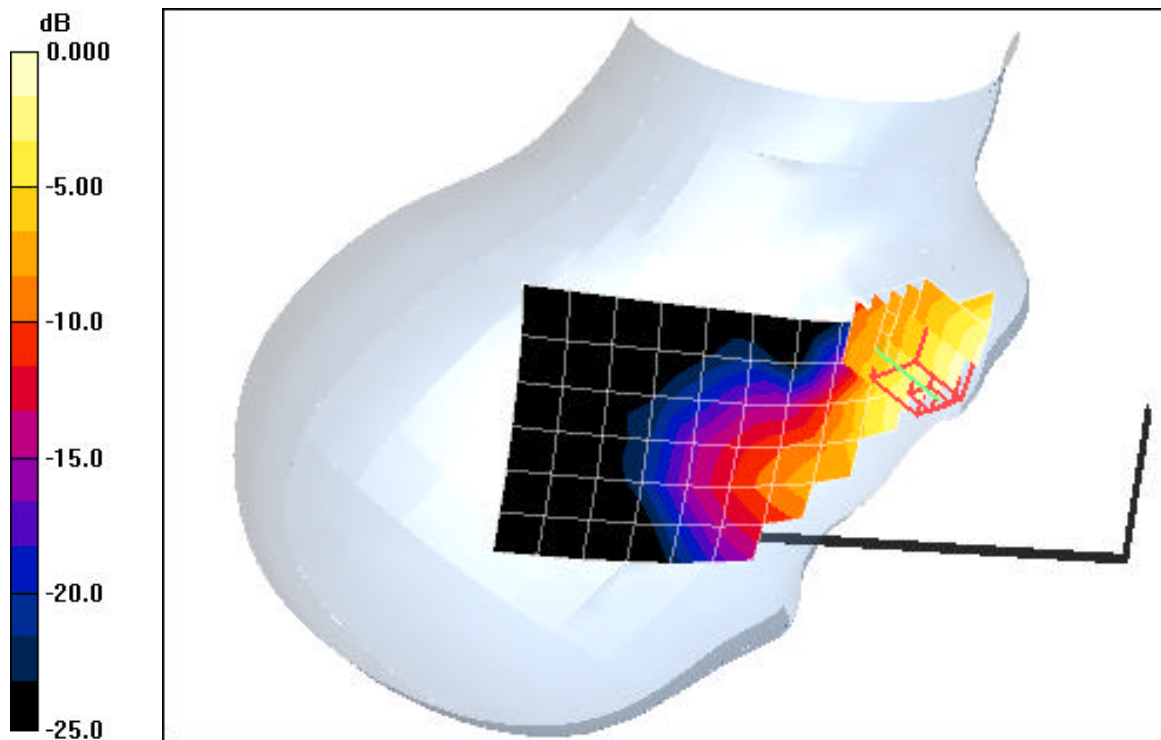
Area Scan (7x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.13 V/m

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.264 mW/g



0 dB = 0.456mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($s = 0.9$ mho/m, $\epsilon_r = 40.53$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA850, Right Head, Tilt, Mid.ch

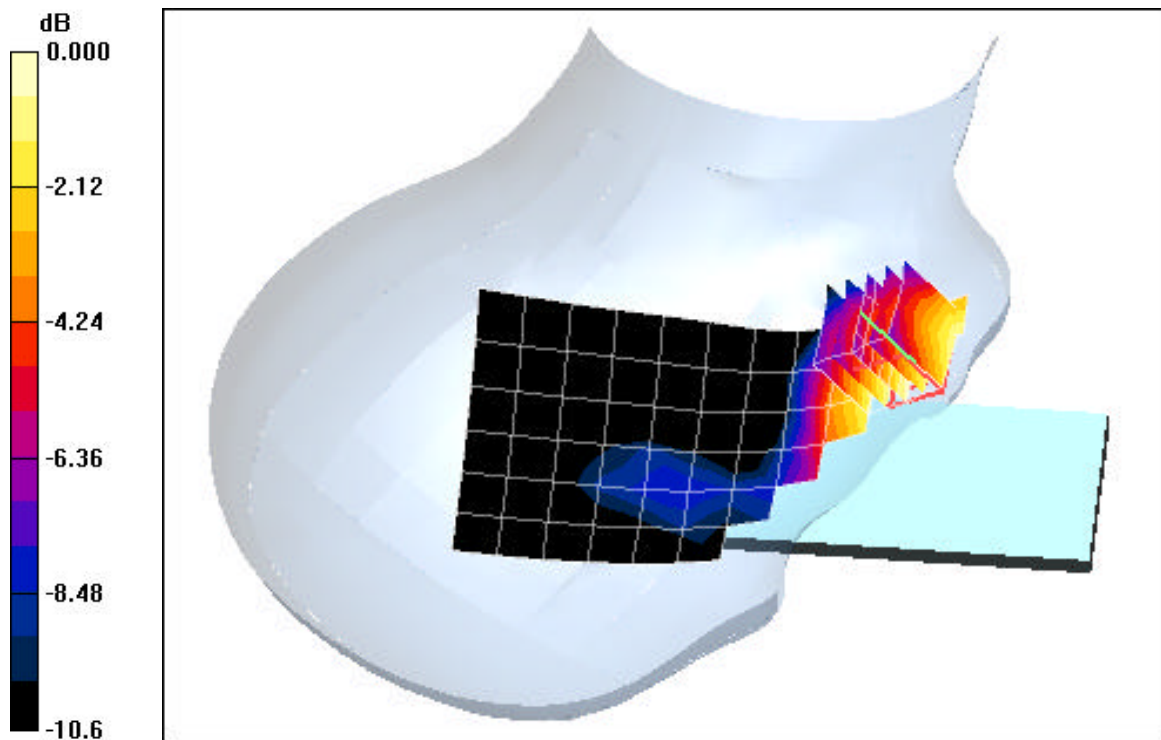
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.94 V/m

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.043 mW/g



0 dB = 0.062mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA1900, Left Head, Touch, Mid.ch

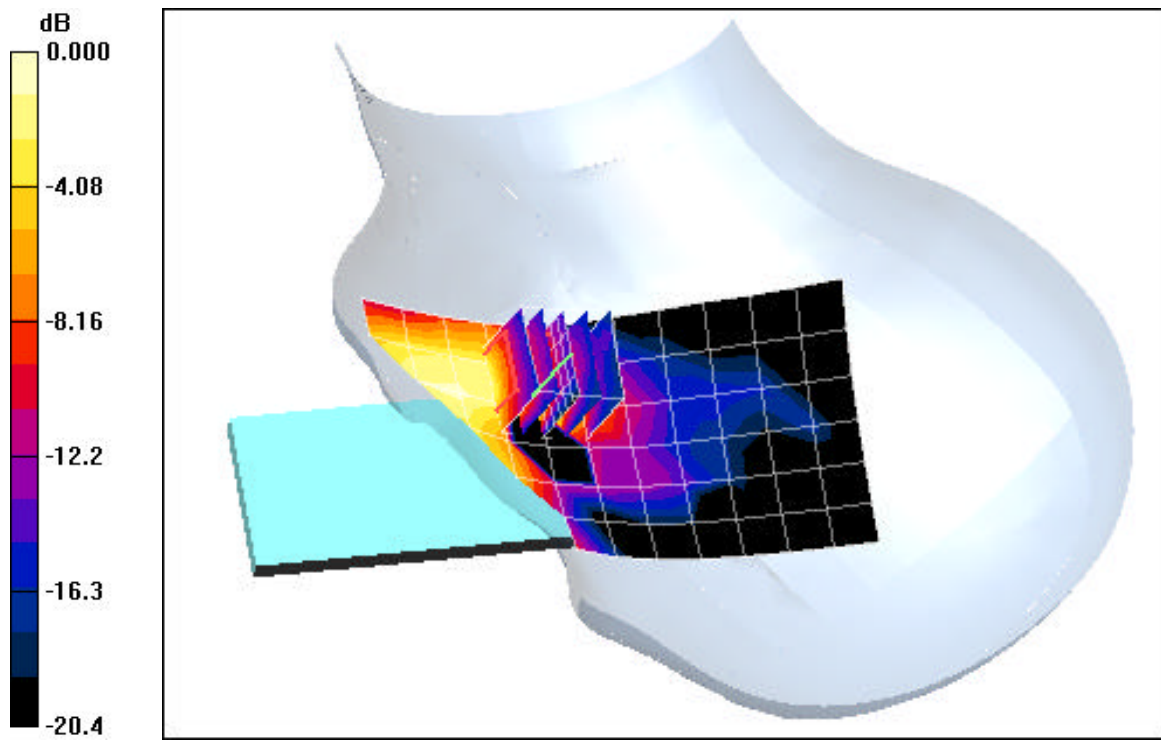
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 0.819 V/m

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.046 mW/g



0 dB = 0.128mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA1900, Left Head, Tilt, Mid.ch

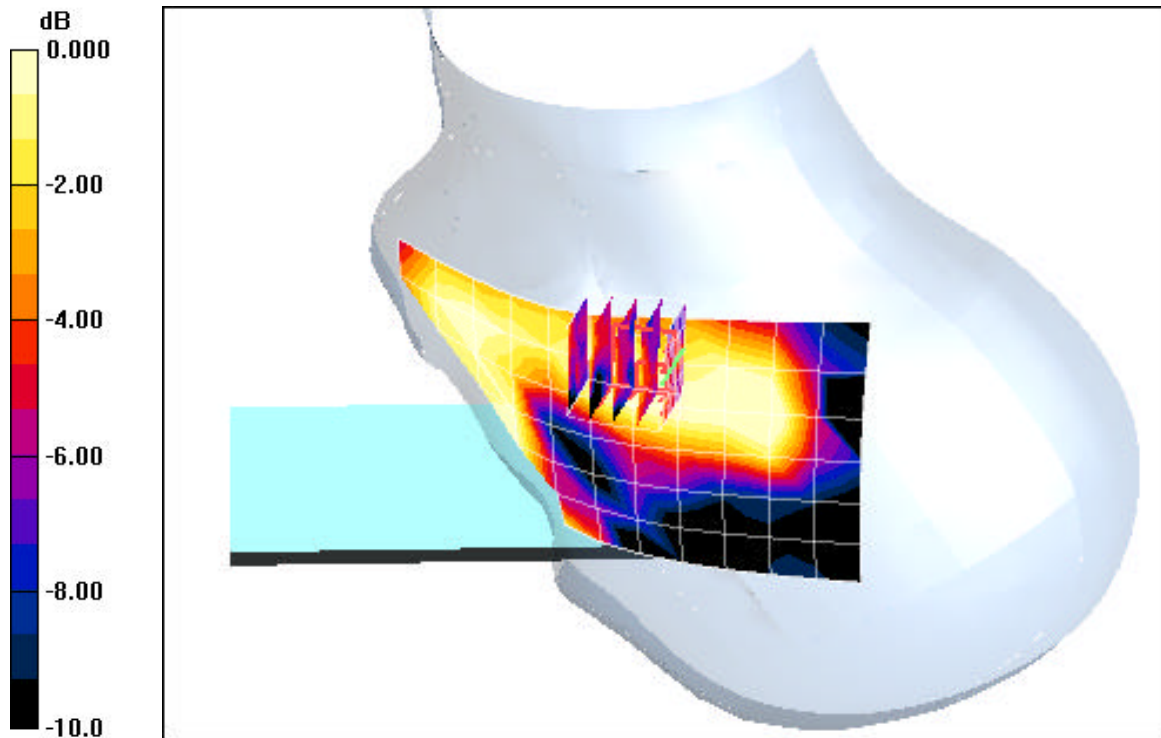
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.06 V/m

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.0077 mW/g; SAR(10 g) = 0.00277 mW/g



0 dB = 0.009mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA1900, Right Head, Touch, Mid.ch

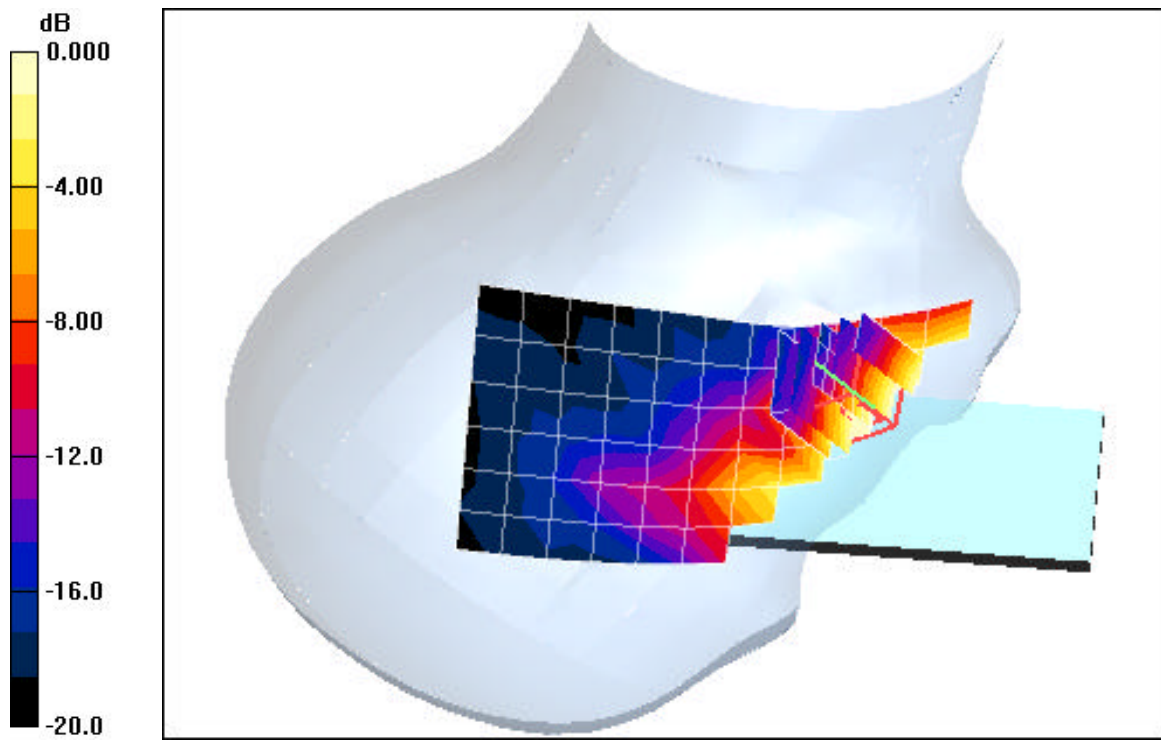
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.35 V/m

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.138mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Brain (s = 1.41 mho/m, $\epsilon_r = 39.06$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA1900, Right Head, Tilt, Mid.ch

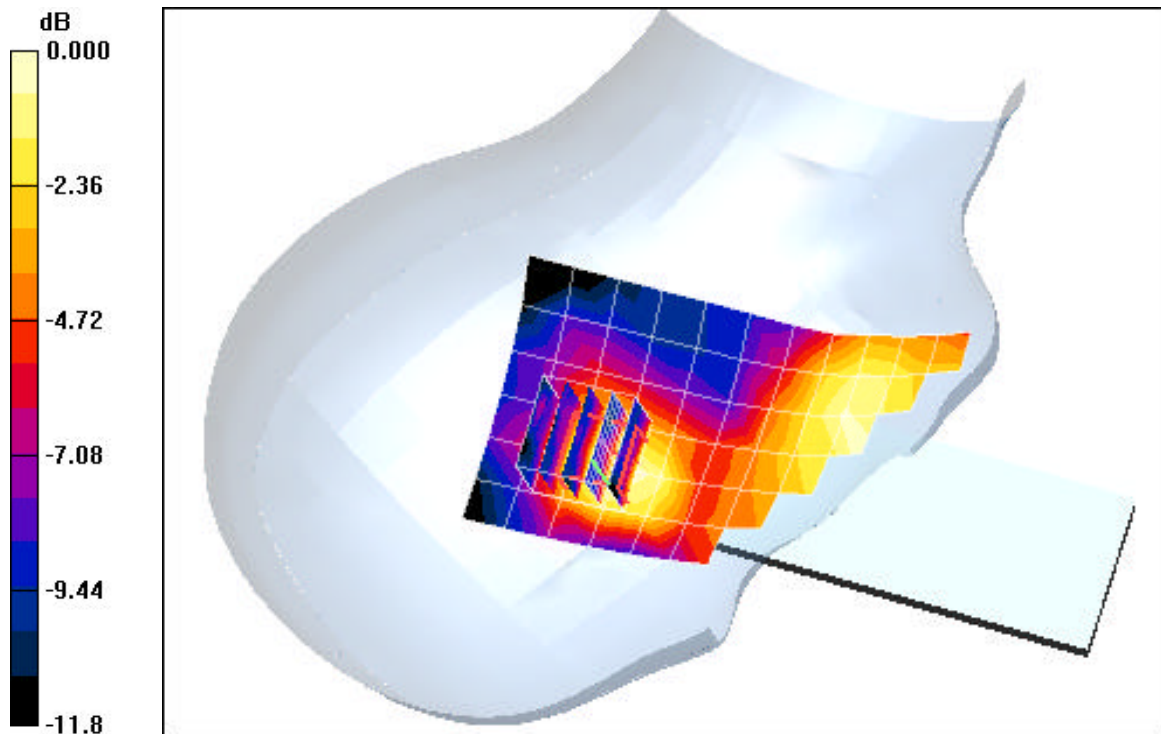
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.43 V/m

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00837 mW/g



0 dB = 0.020mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($s = 0.98 \text{ mho/m}$, $\epsilon_r = 54.1$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-19-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.15, 8.15, 8.15); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA850, Body SAR, Mid.ch

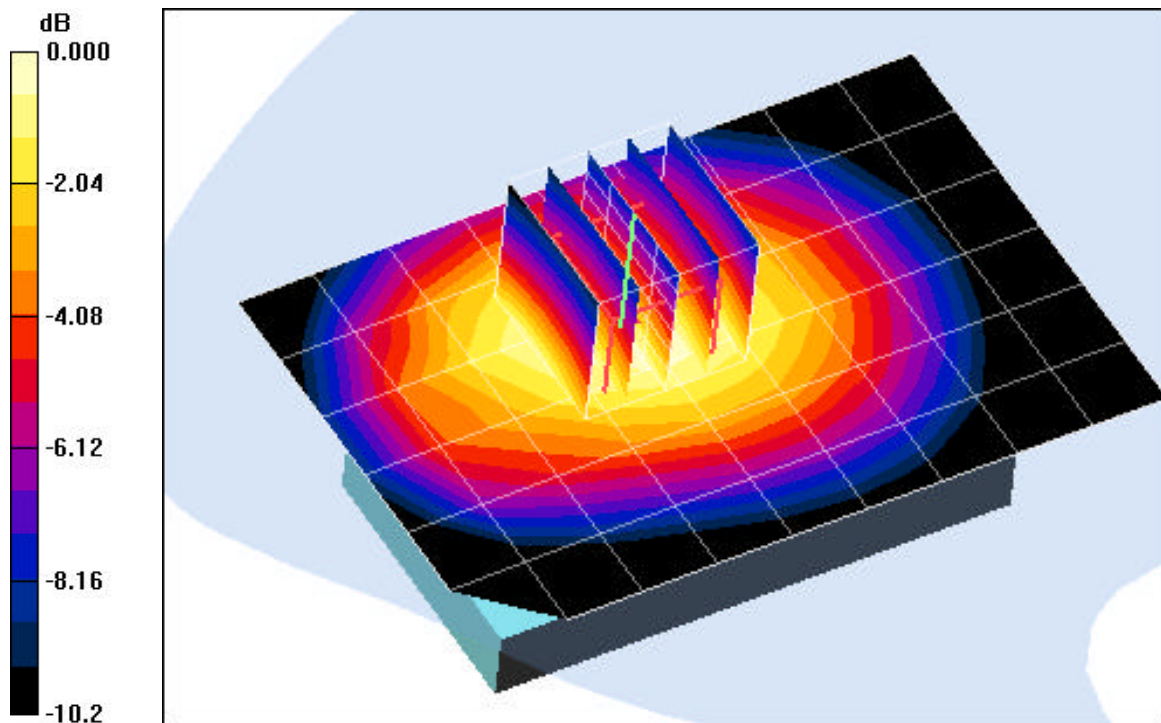
Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.52 V/m

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.352 mW/g



0 dB = 0.562mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ($s = 1.56 \text{ mho/m}$, $\epsilon_r = 54.15$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-19-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(6.64, 6.64, 6.64); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: WCDMA1900, Body SAR, Mid.ch

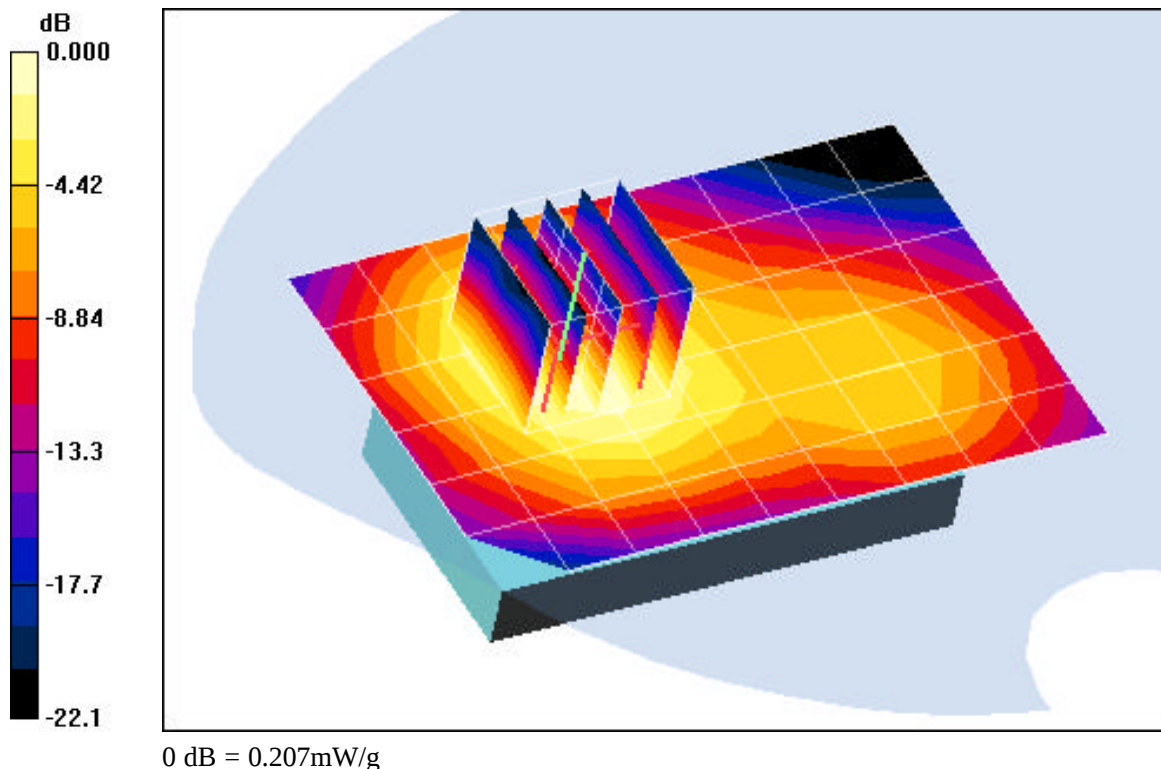
Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.13 V/m

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.093 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Brain (s = 0.9 mho/m, $\epsilon_r = 40.53$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Test Date: 12-20-2006; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

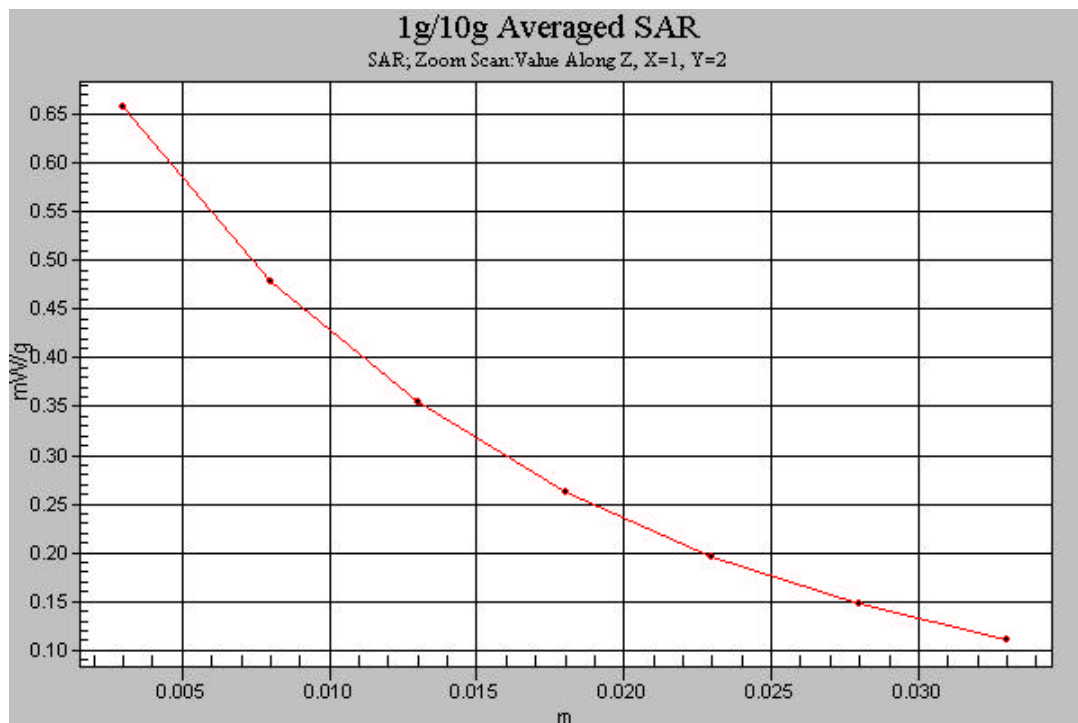
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.52 V/m

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.376 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Brain ($s = 1.41$ mho/m, $\epsilon_r = 39.06$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-21-2006; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

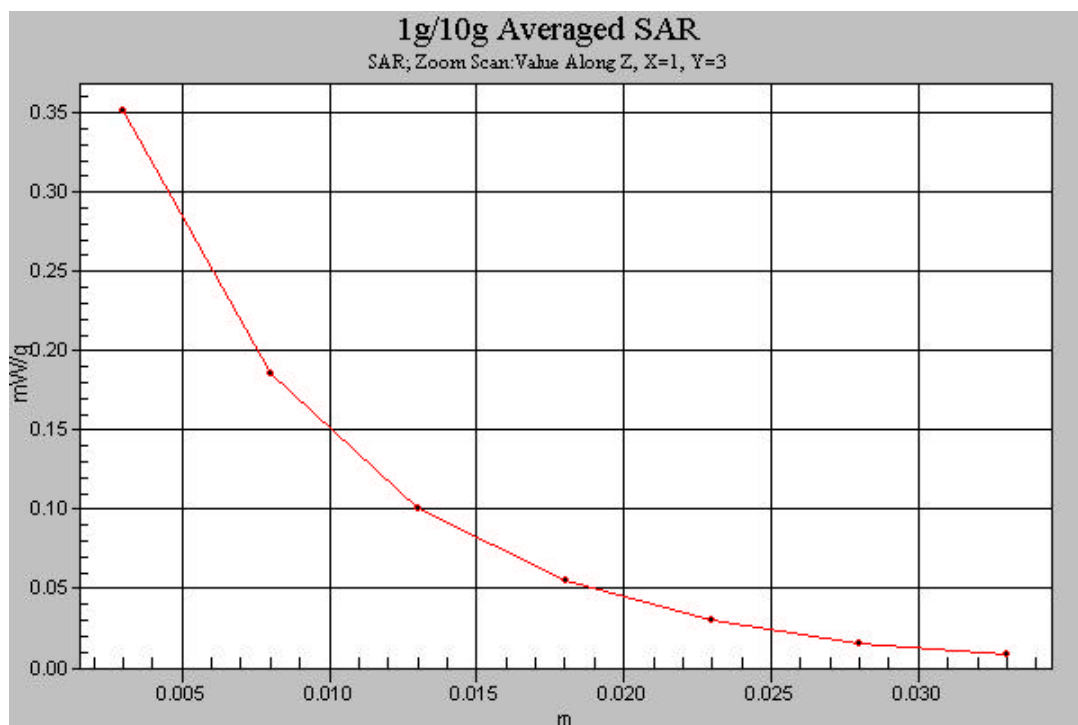
Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.31 V/m

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.160 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 835 Muscle ($s = 0.98 \text{ mho/m}$, $\epsilon_r = 54.1$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-19-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.15, 8.15, 8.15); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: GSM850, Body SAR, Mid.ch

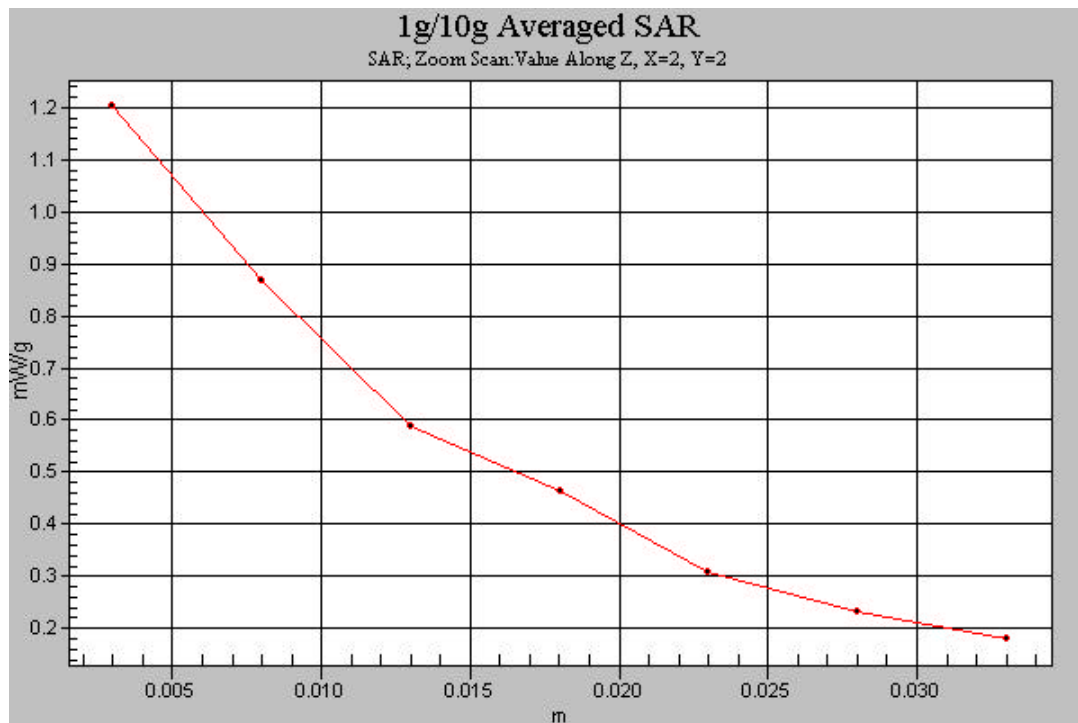
Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.736 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A717; Type: Dual Band WCDMA/GSM Phone with BT; S/N: FD-243-C

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

Medium: 1900 Muscle ($s = 1.56 \text{ mho/m}$, $\epsilon_r = 54.15$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12-19-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(6.64, 6.64, 6.64); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: GSM1900, Body SAR, Mid.ch

Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.20 V/m

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.217 mW/g

