

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: GSM850, Left Head, Touch, High Ch

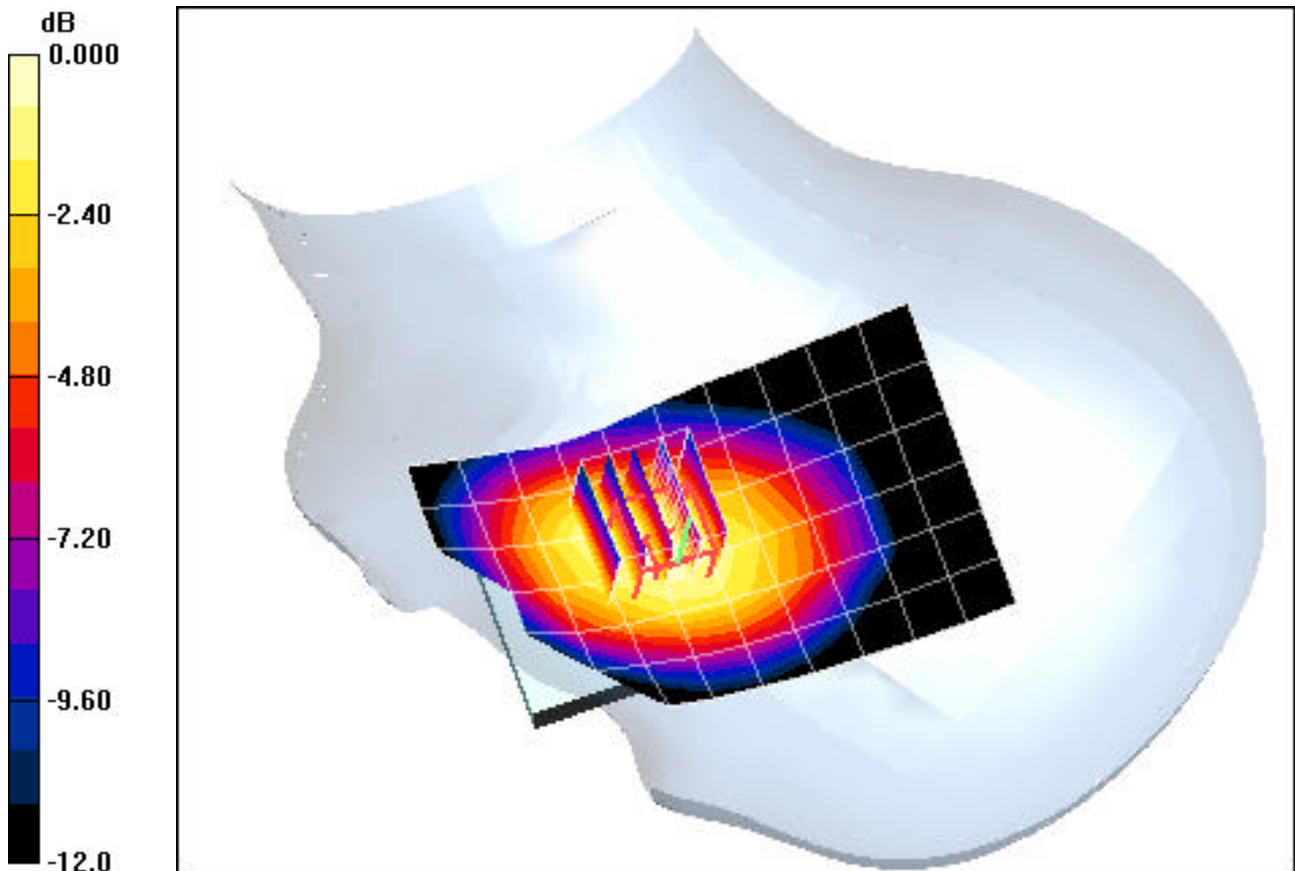
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.1 V/m

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.725 mW/g



0 dB = 1.17mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

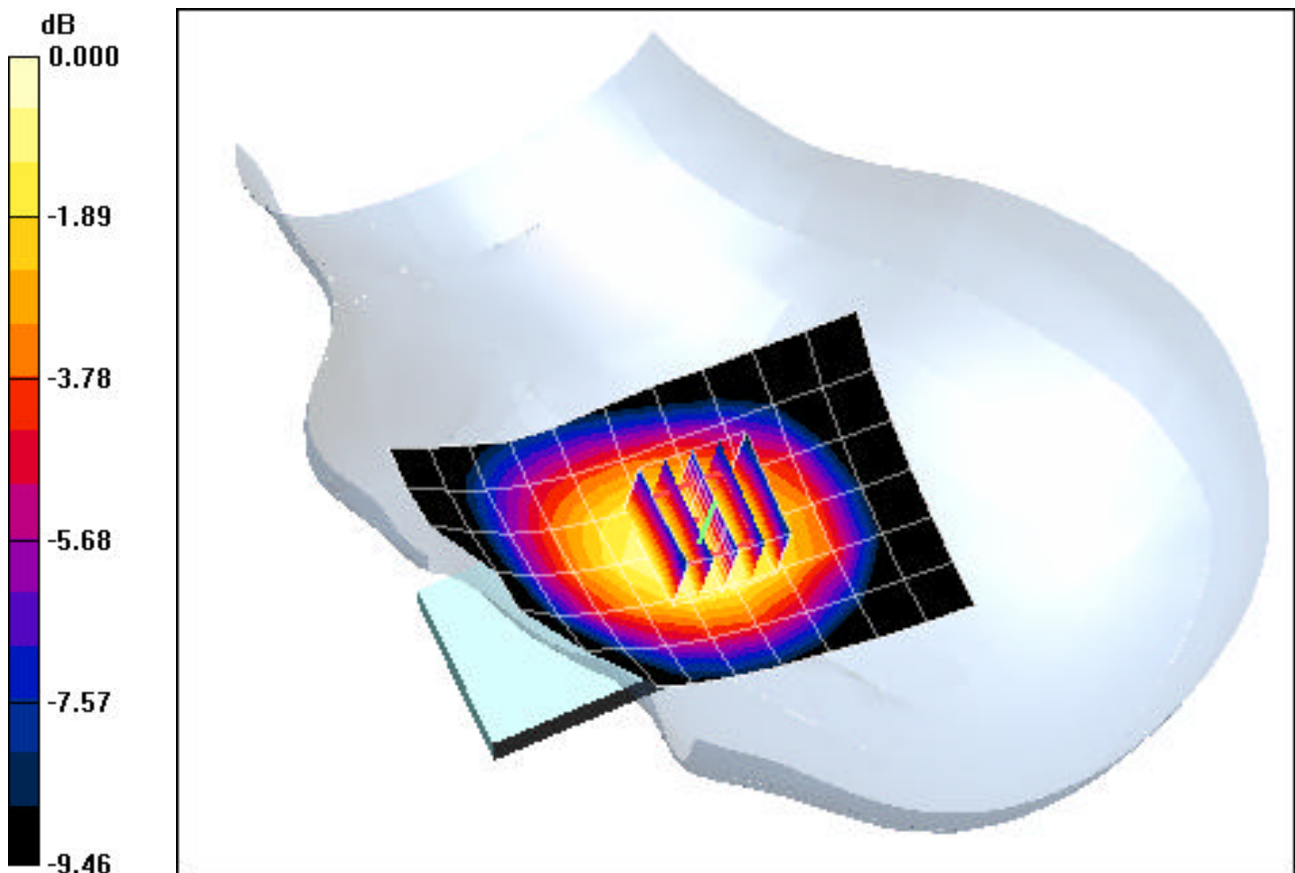
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.1 V/m

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.402 mW/g



0 dB = 0.621mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

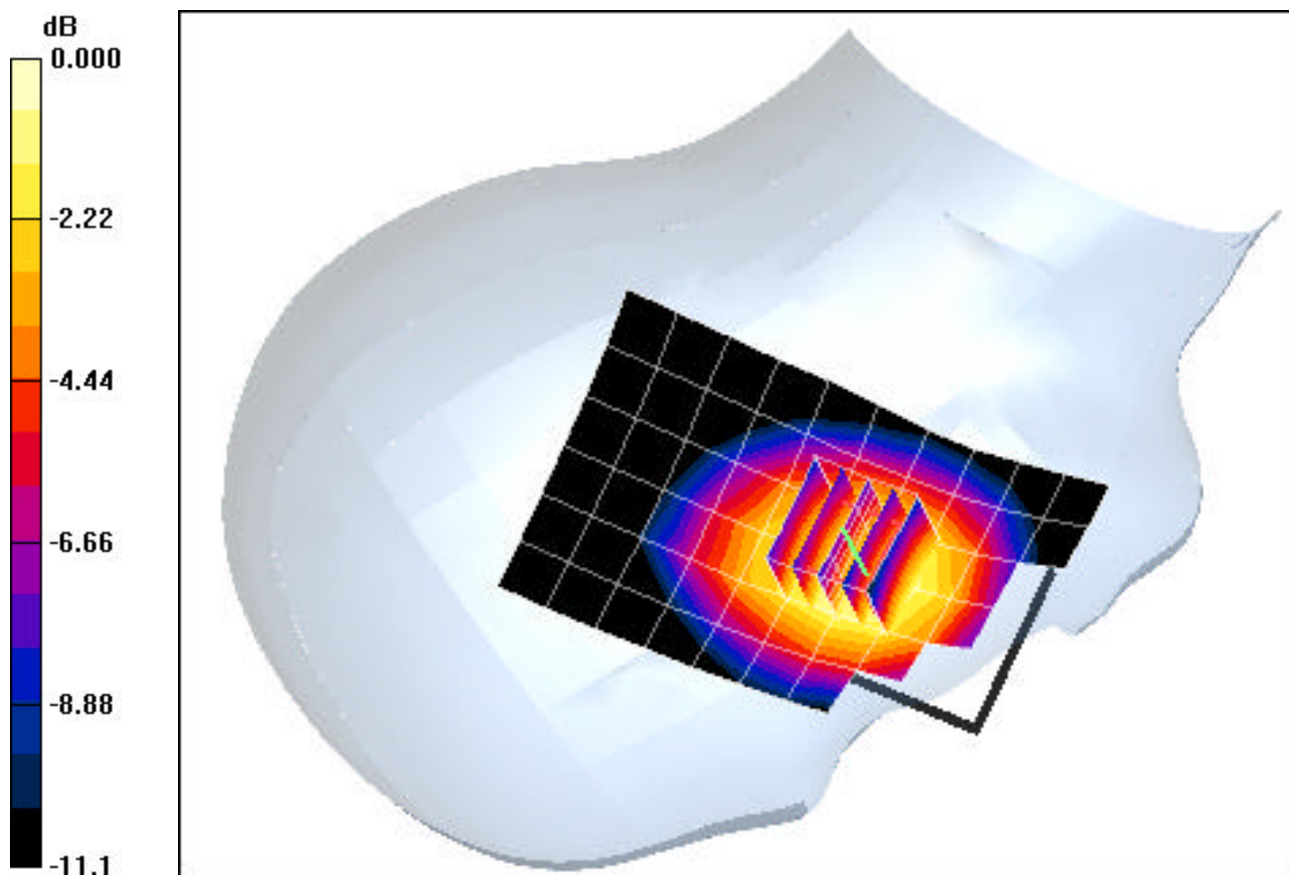
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.749 mW/g



0 dB = 1.17mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

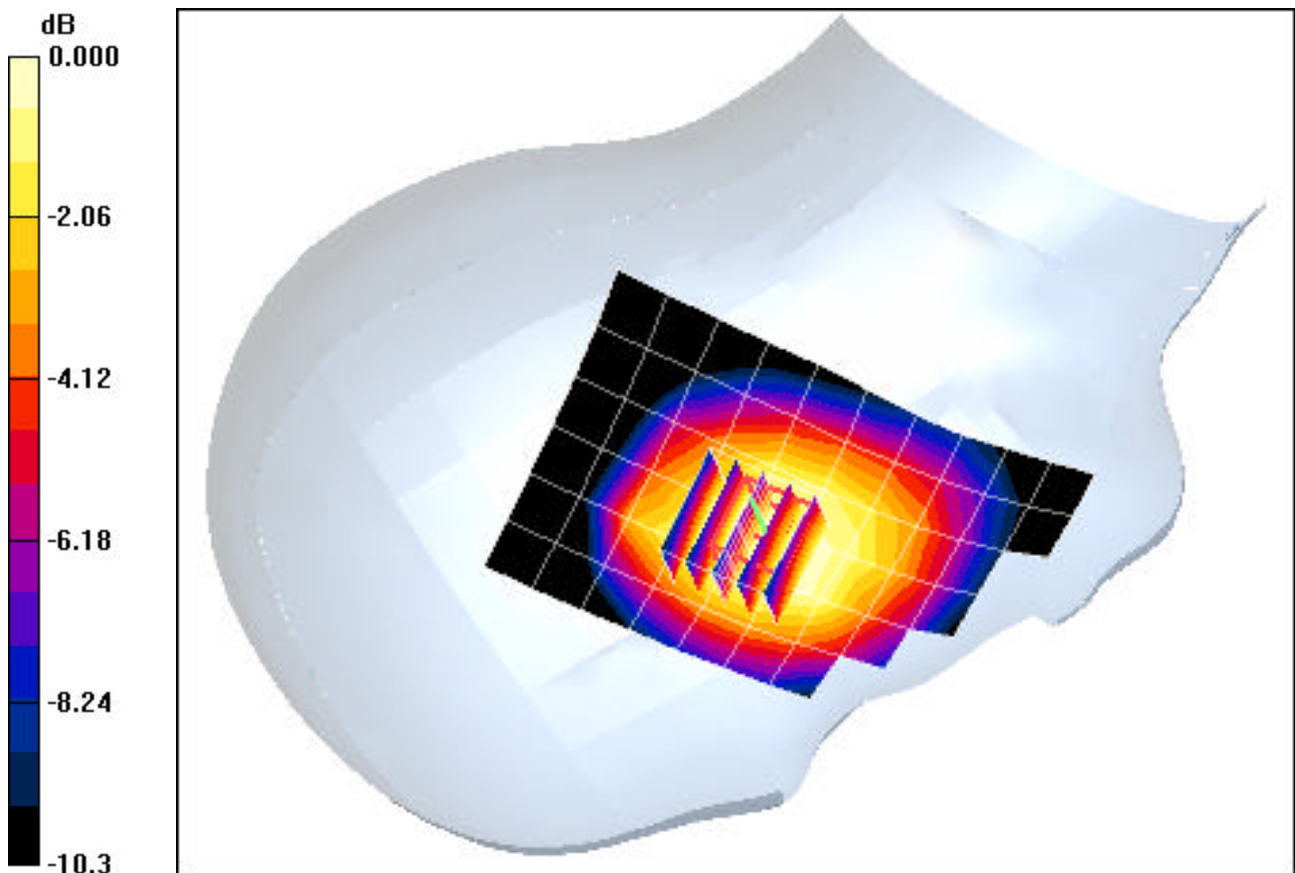
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.9 V/m

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.402 mW/g



0 dB = 0.623mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

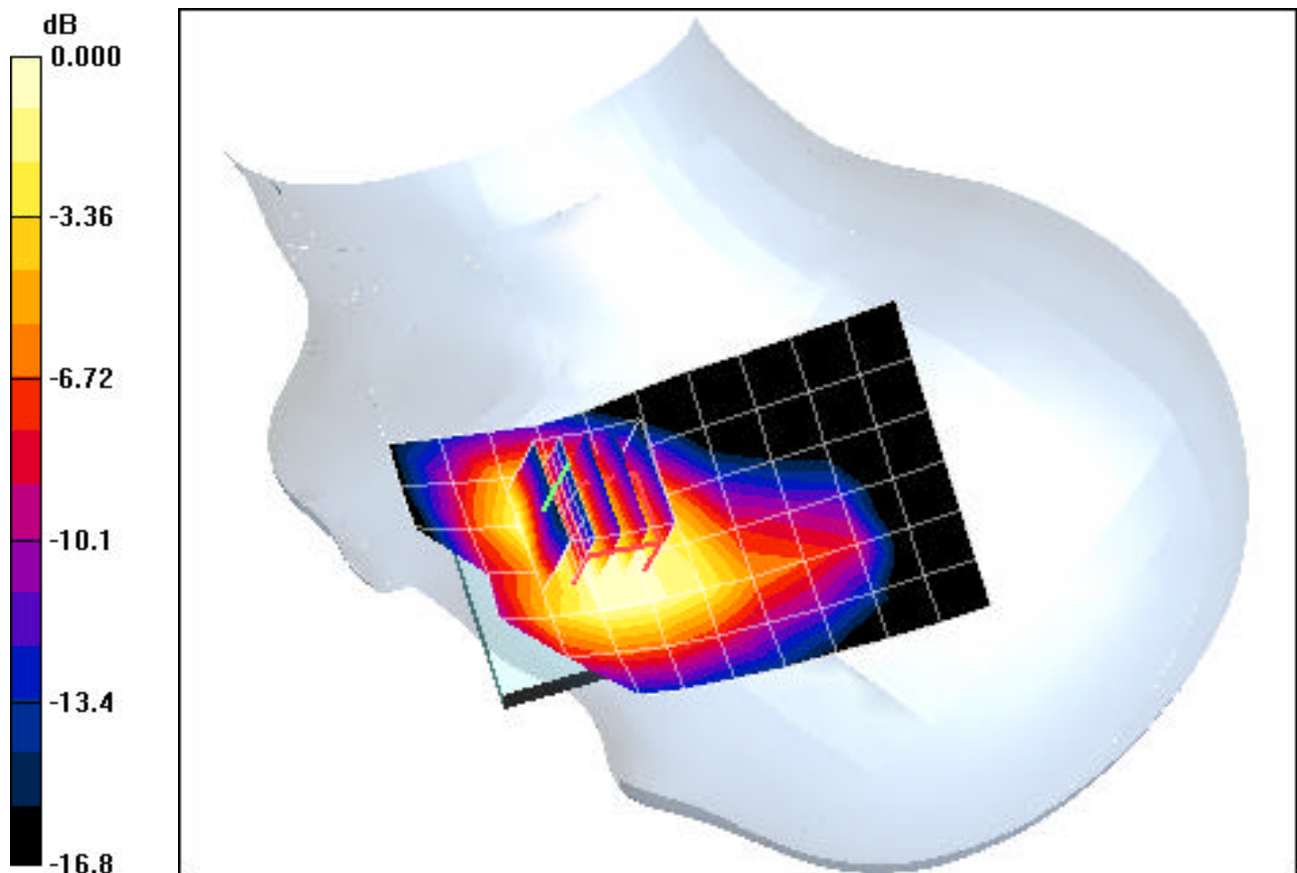
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.70 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.367 mW/g



0 dB = 0.729mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

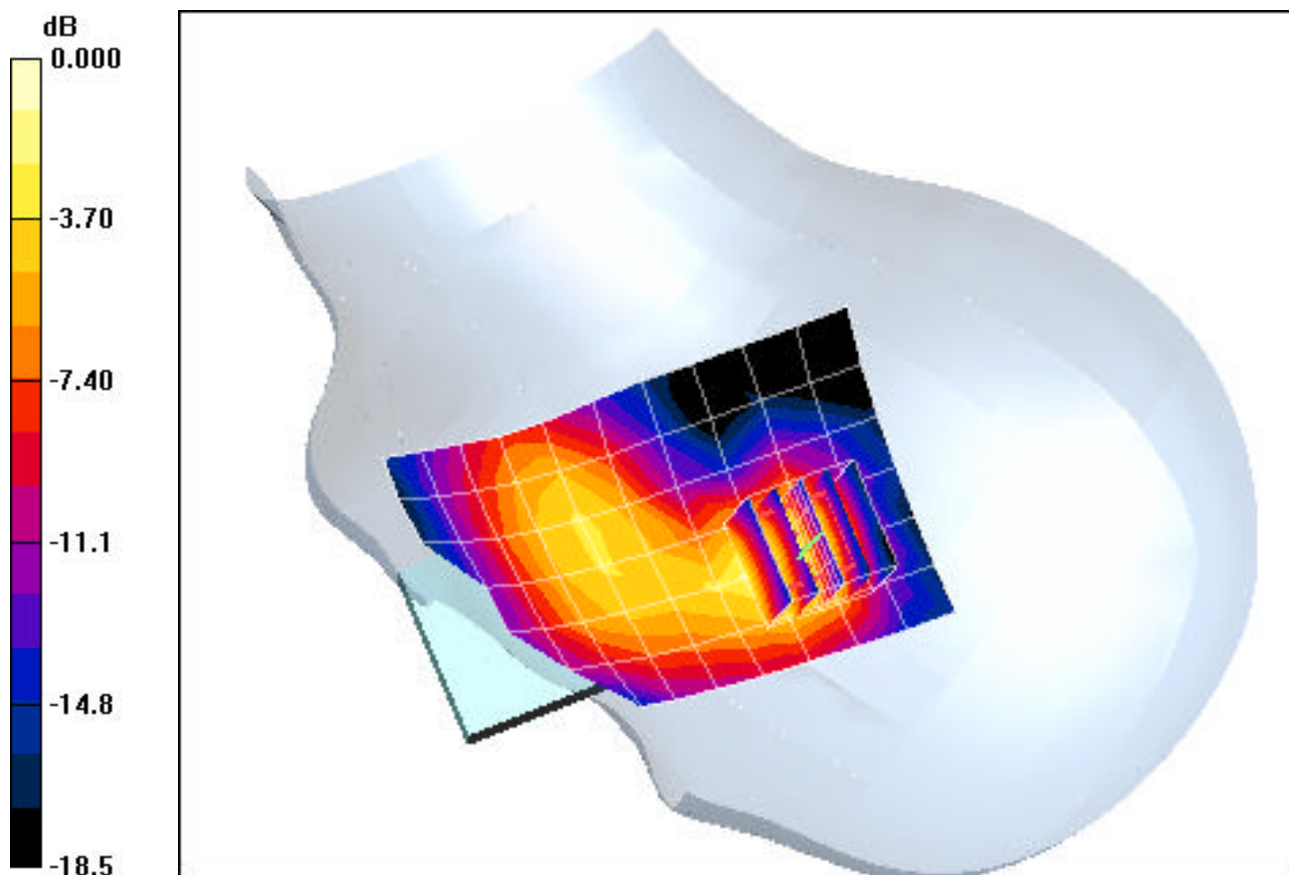
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.85 V/m

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.133 mW/g



0 dB = 0.312mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: GSM1900, Right Head, Touch, High ch

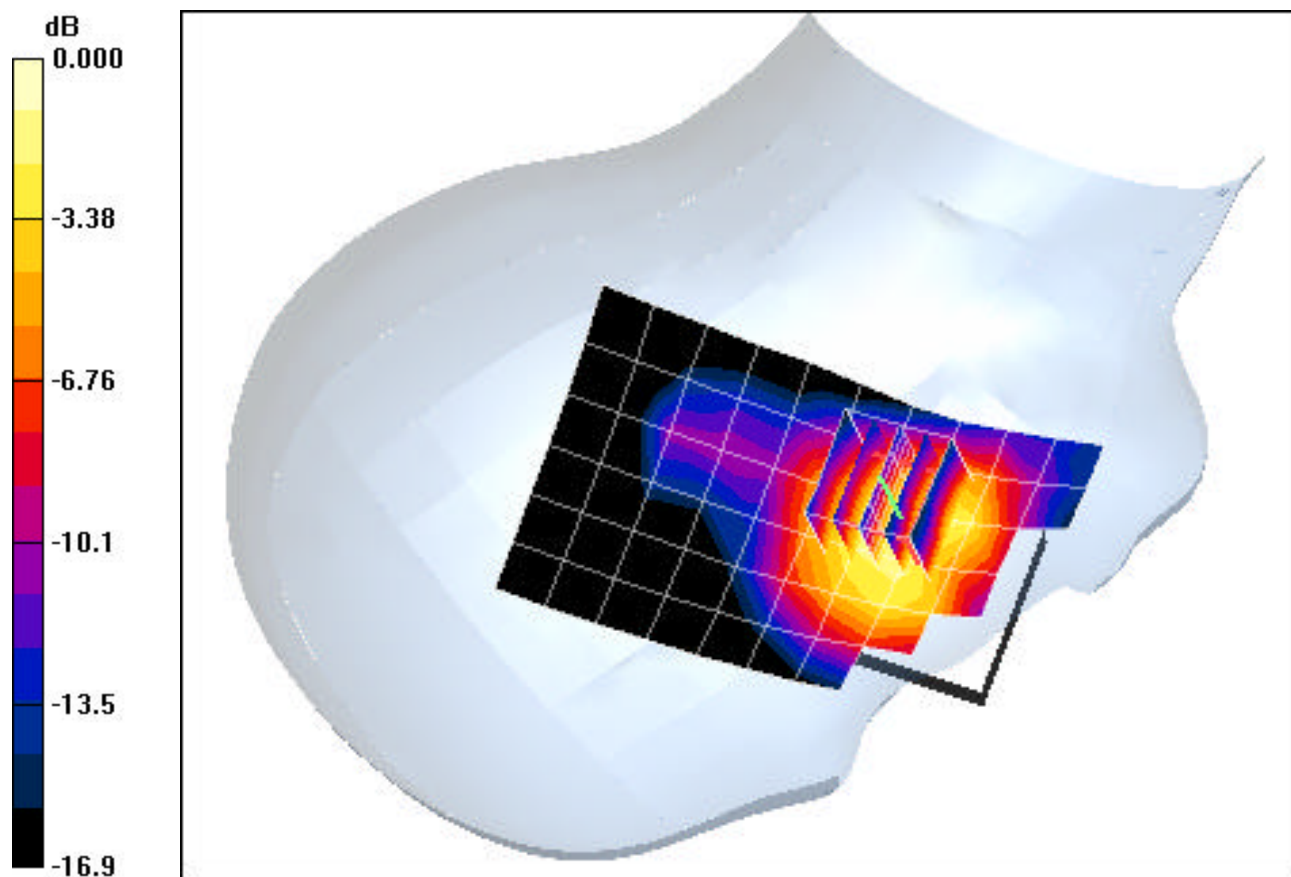
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.45 V/m

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.603 mW/g



0 dB = 1.20mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

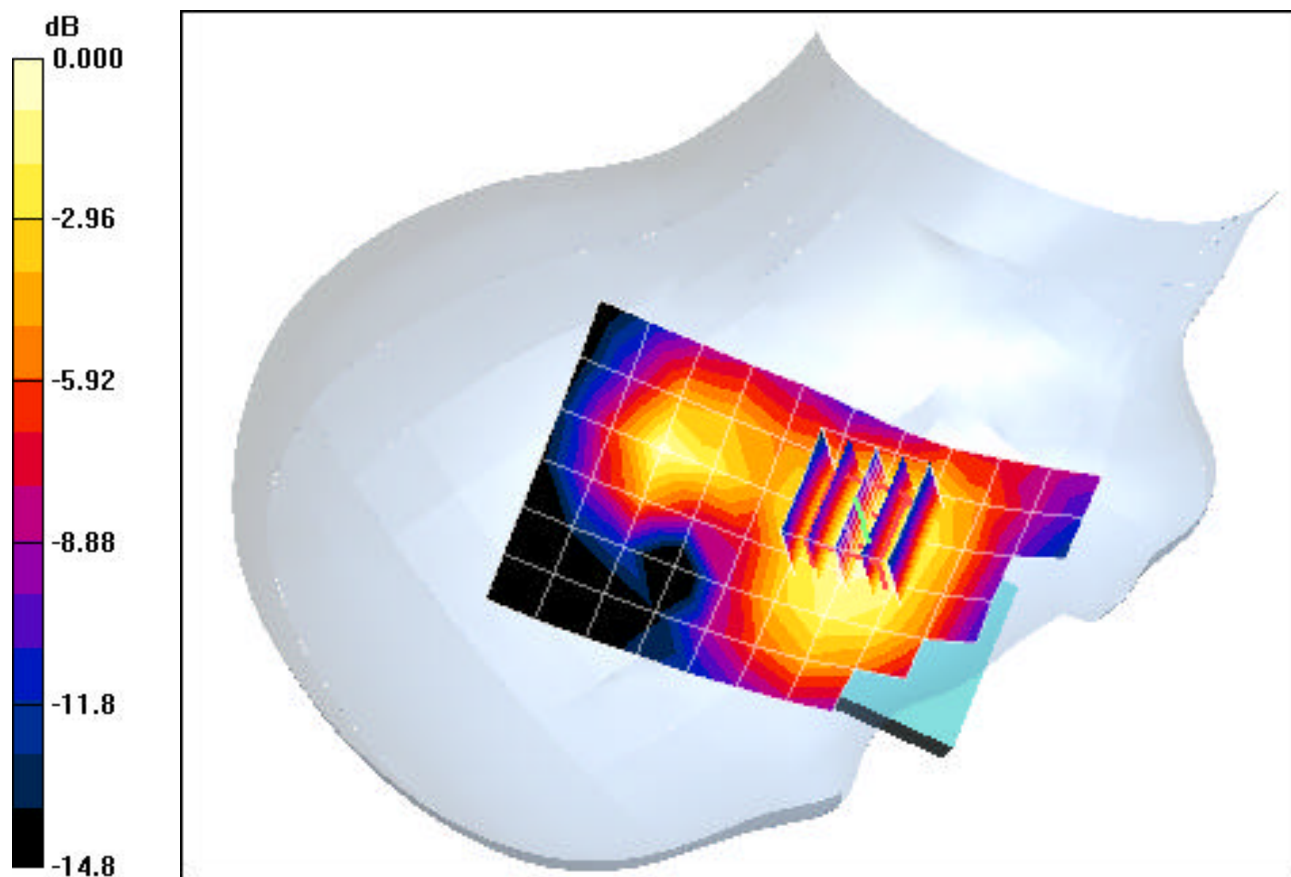
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.32 V/m

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.121 mW/g



0 dB = 0.226mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.67$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2007; Ambient Temp: 23.2°C; Tissue Temp: 20.4°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: GSM850, Body SAR, Mid.ch-REAR

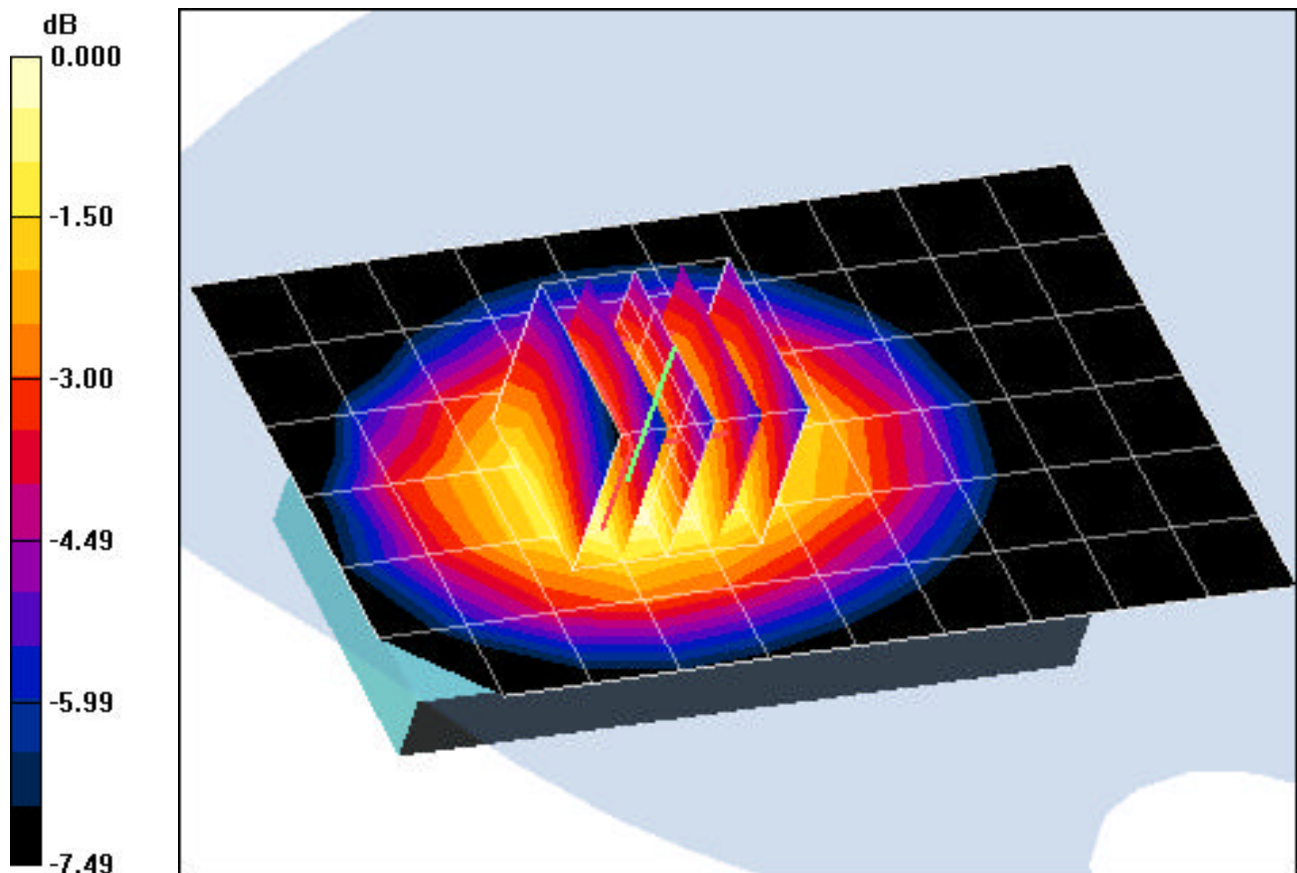
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.45 mW/g; SAR(10 g) = 1.17 mW/g



0 dB = 1.58mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Muscle ($\sigma = 1.53$ mho/m, $\epsilon_r = 53.45$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2007; Ambient Temp: 23.7°C; Tissue Temp: 20.7°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: GSM1900, Body SAR, Mid.ch-Front

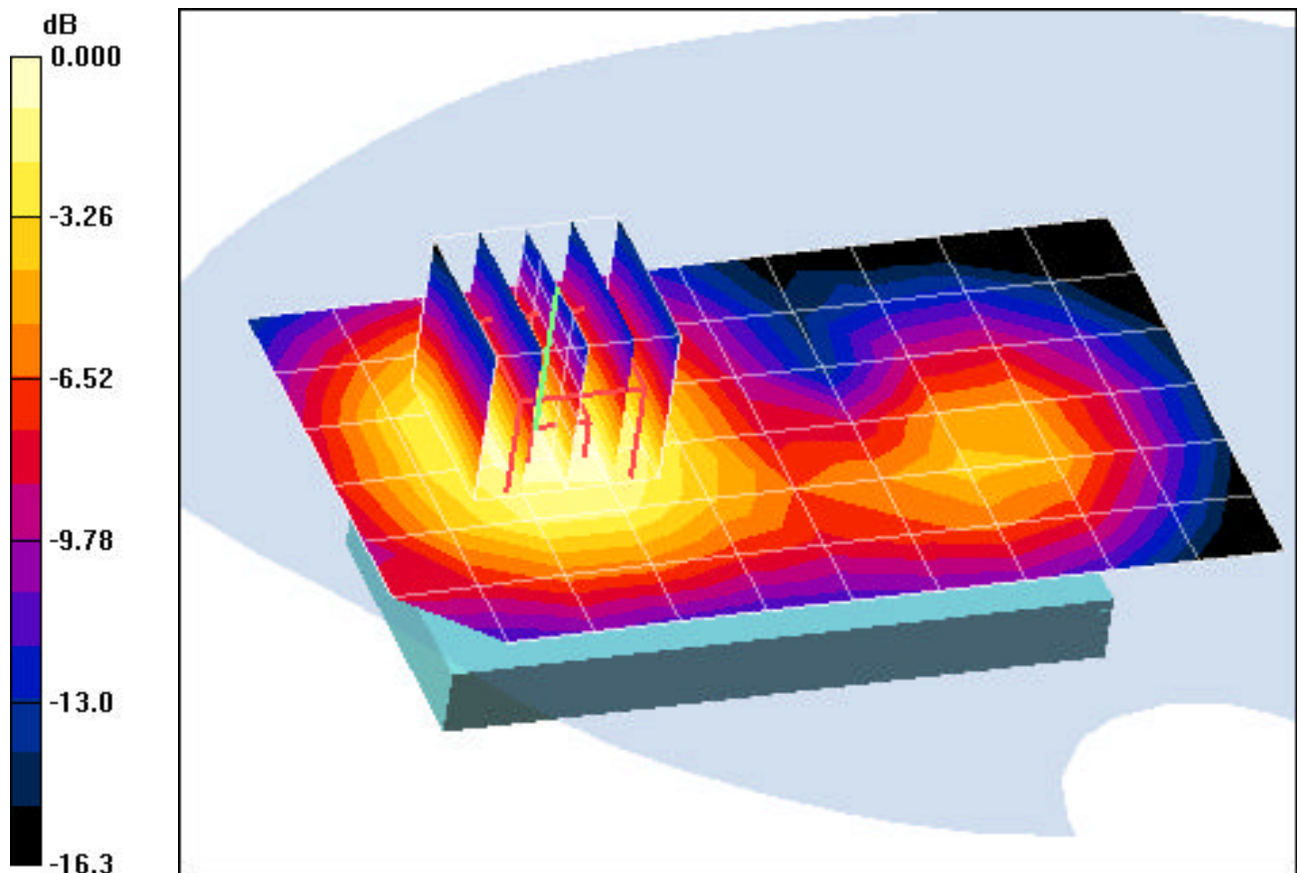
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.9 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.389 mW/g



0 dB = 0.770mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

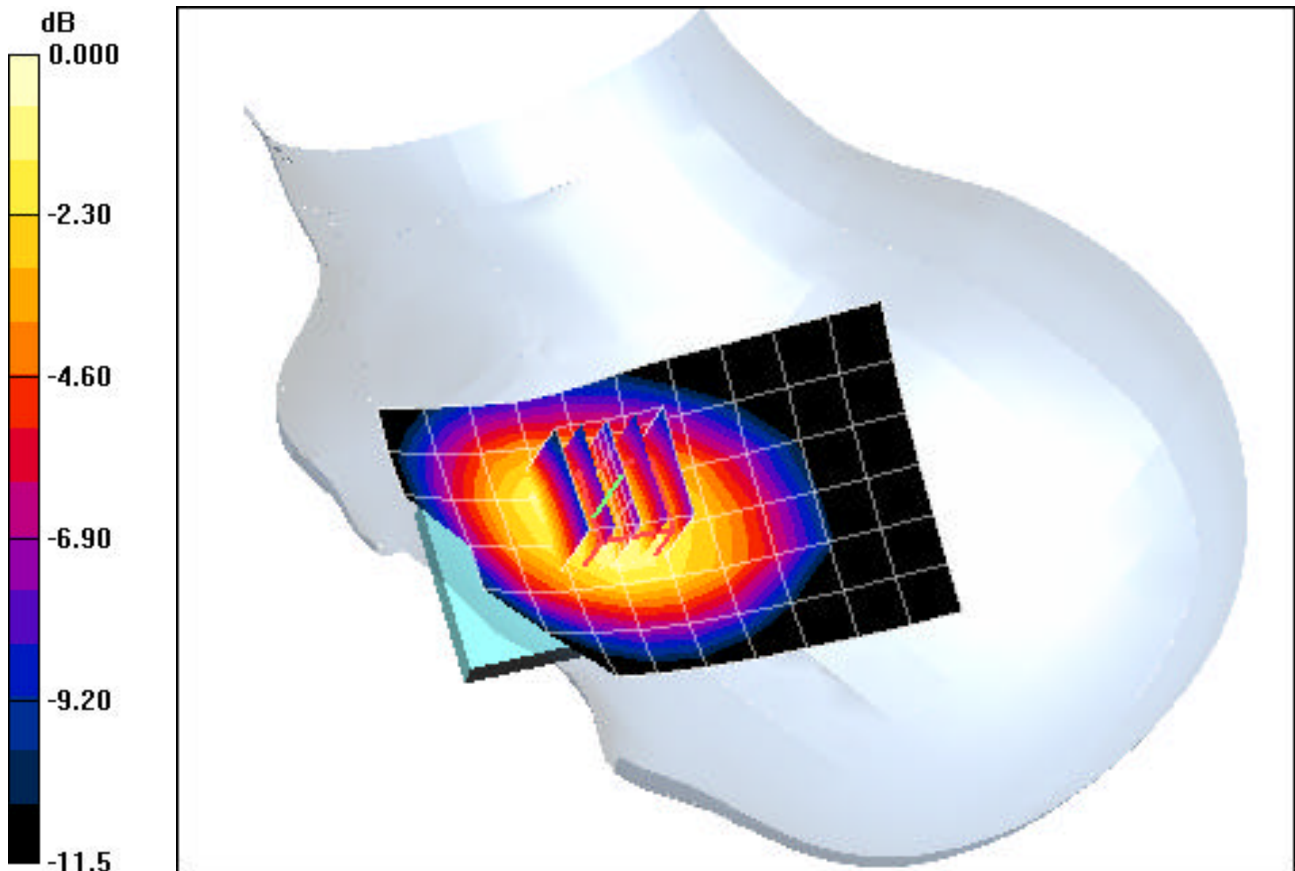
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.93 V/m

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.262 mW/g



0 dB = 0.410mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

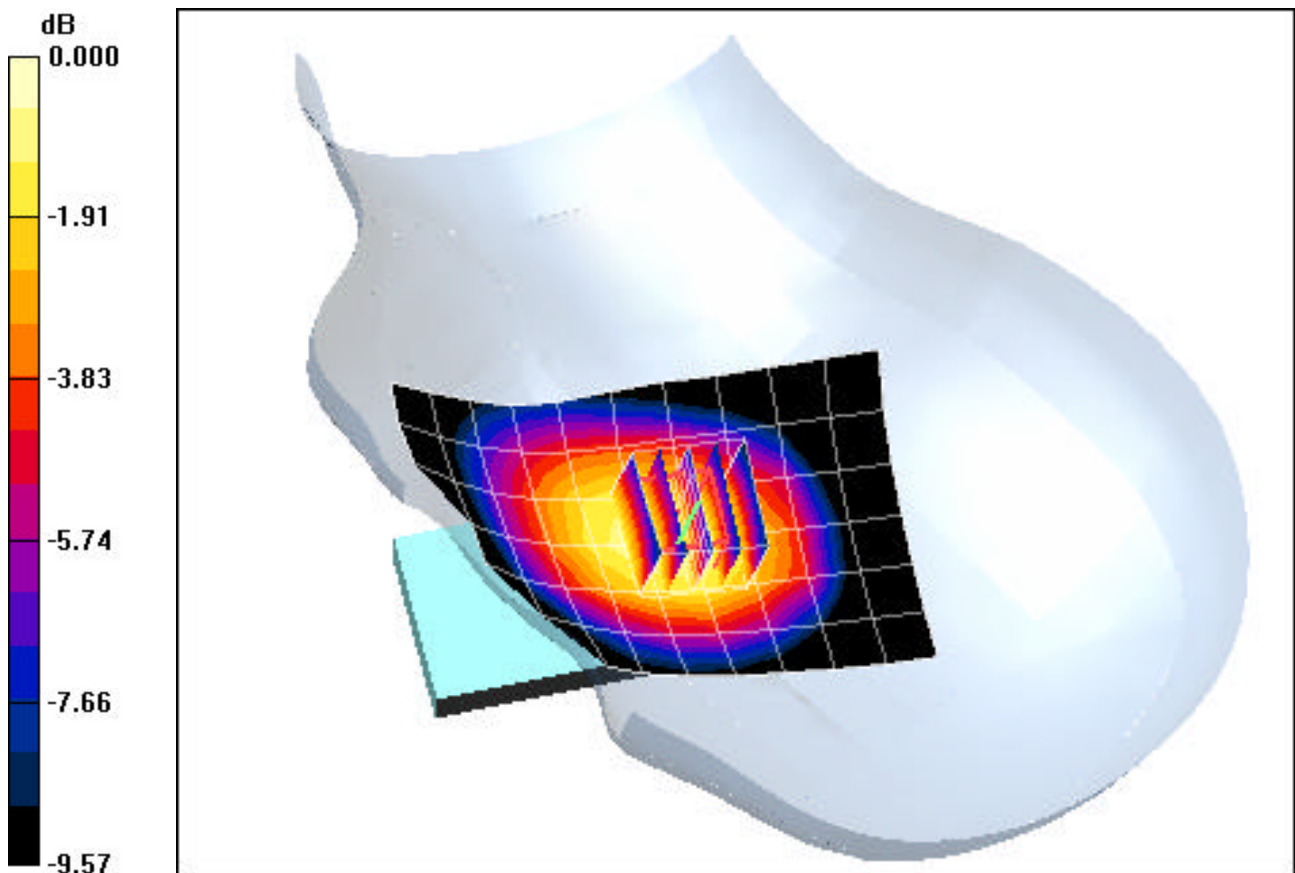
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.7 V/m

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.271mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

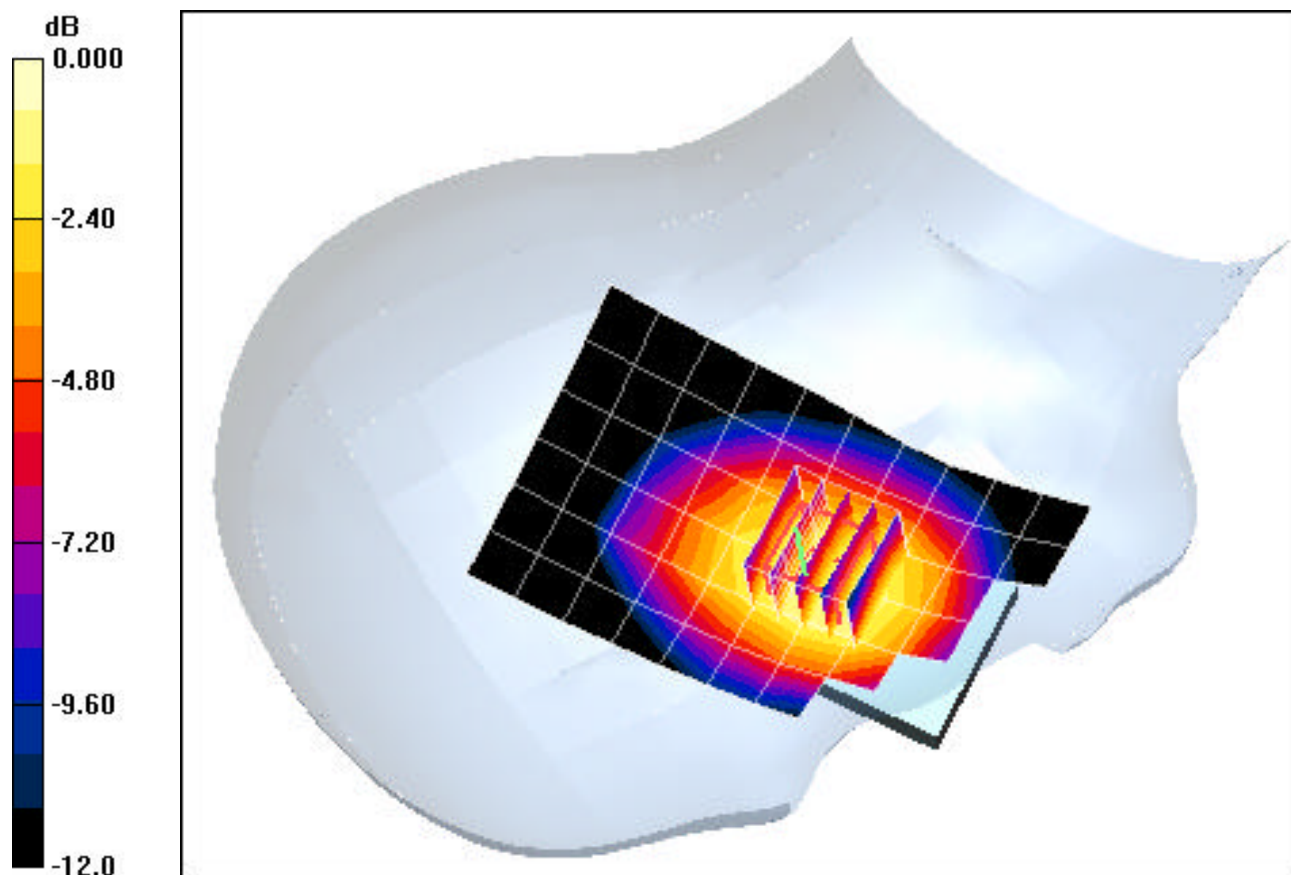
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.55 V/m

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.262 mW/g



0 dB = 0.400mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

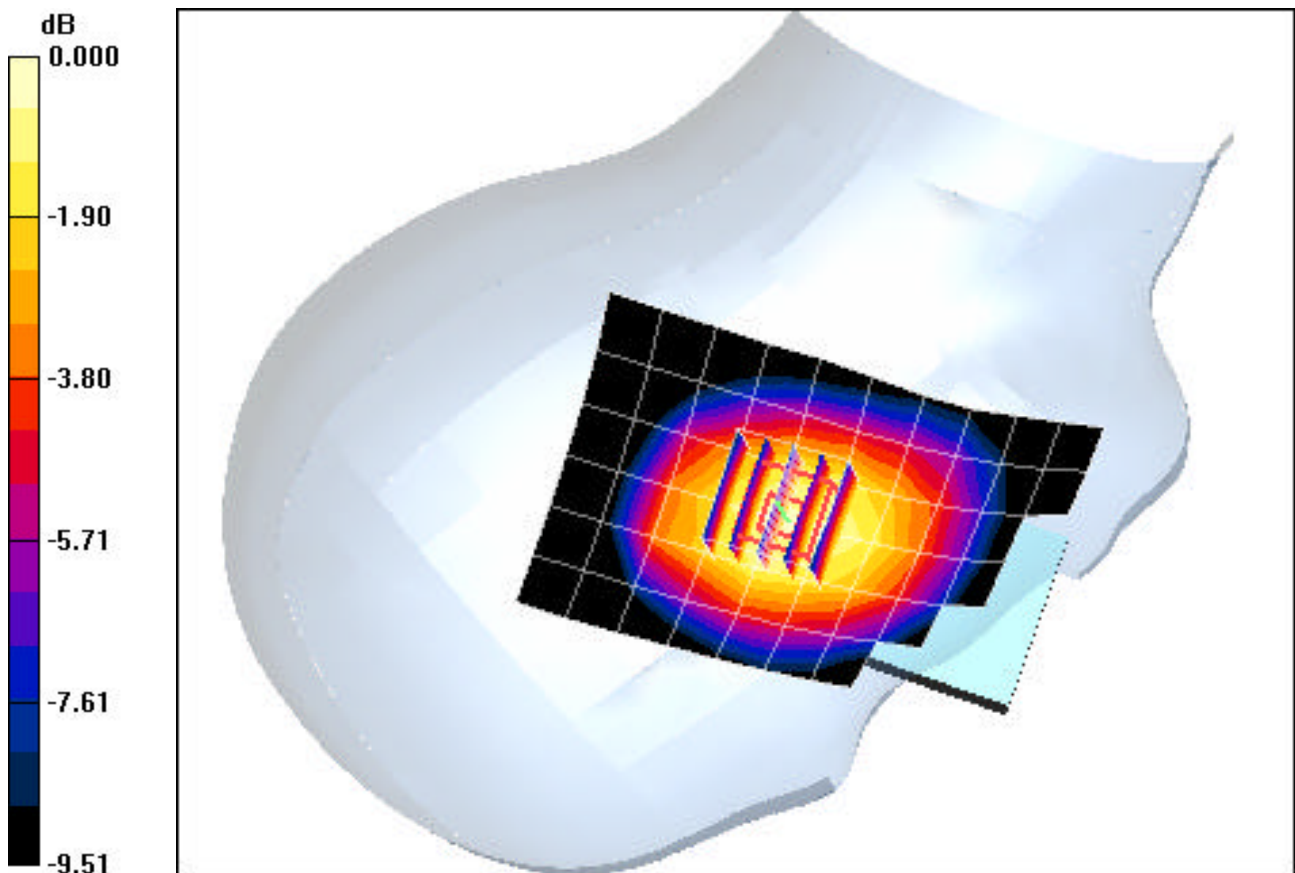
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.8 V/m

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.187 mW/g



0 dB = 0.299mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 1

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

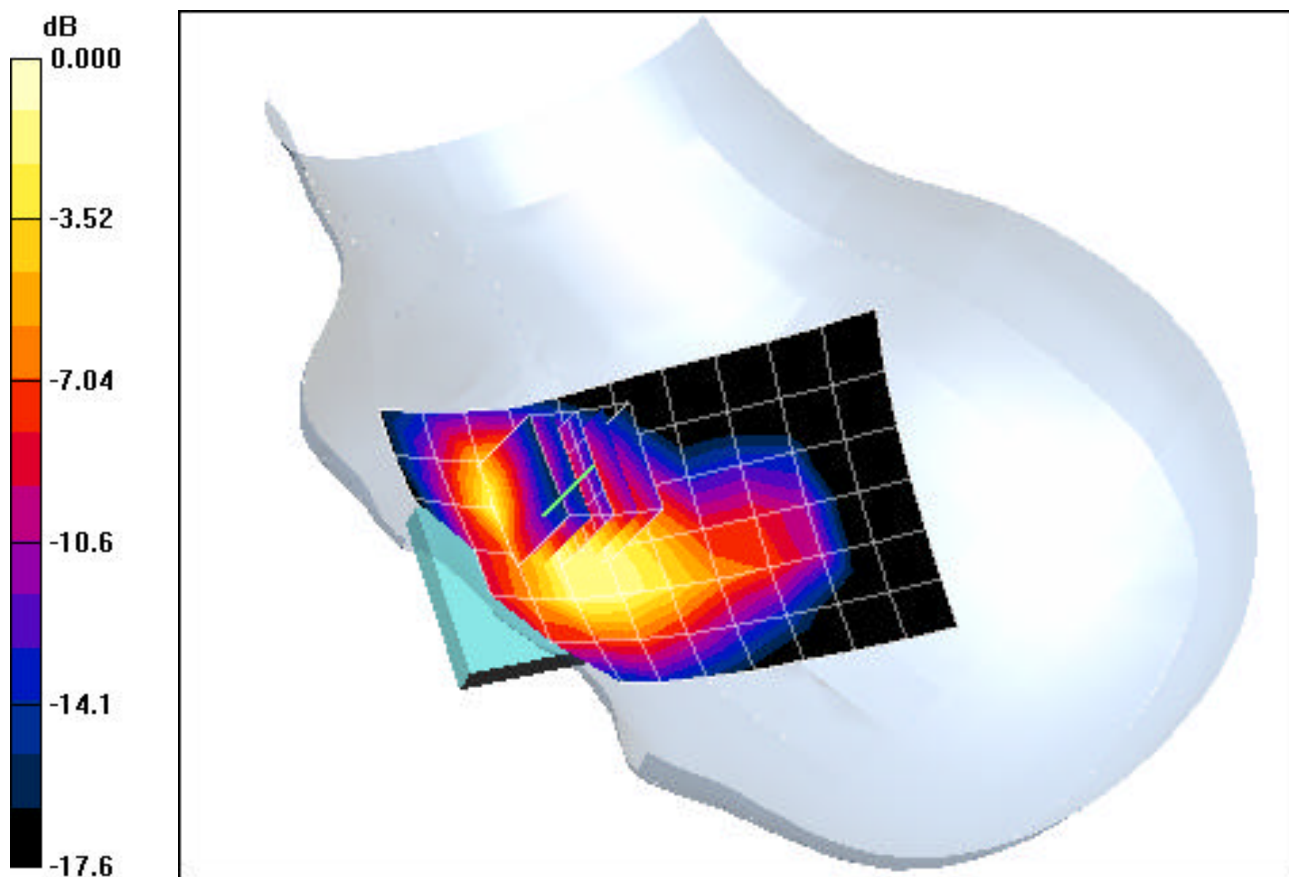
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.20 V/m

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.685 mW/g



0 dB = 1.43mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 1

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

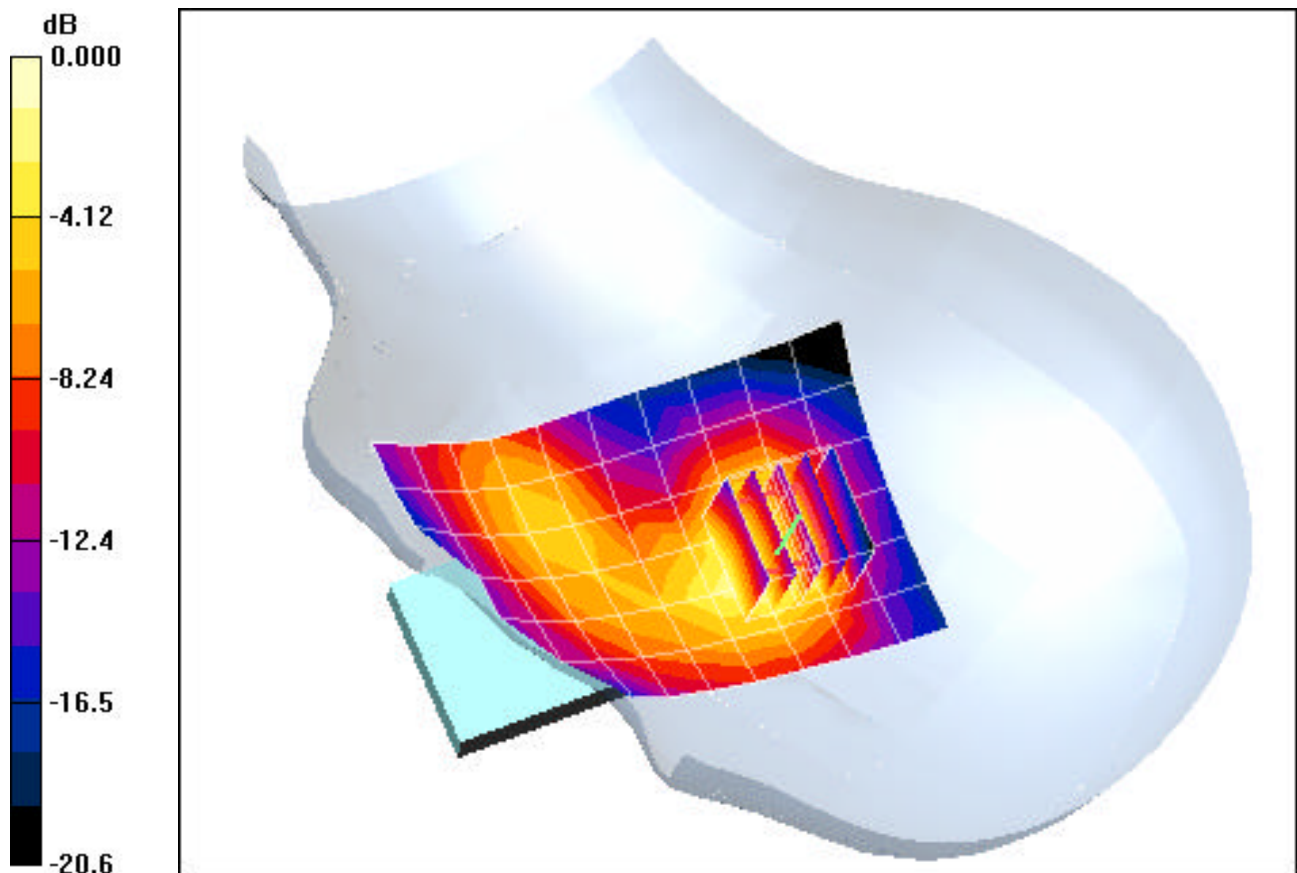
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.1 V/m

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.357mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 1

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

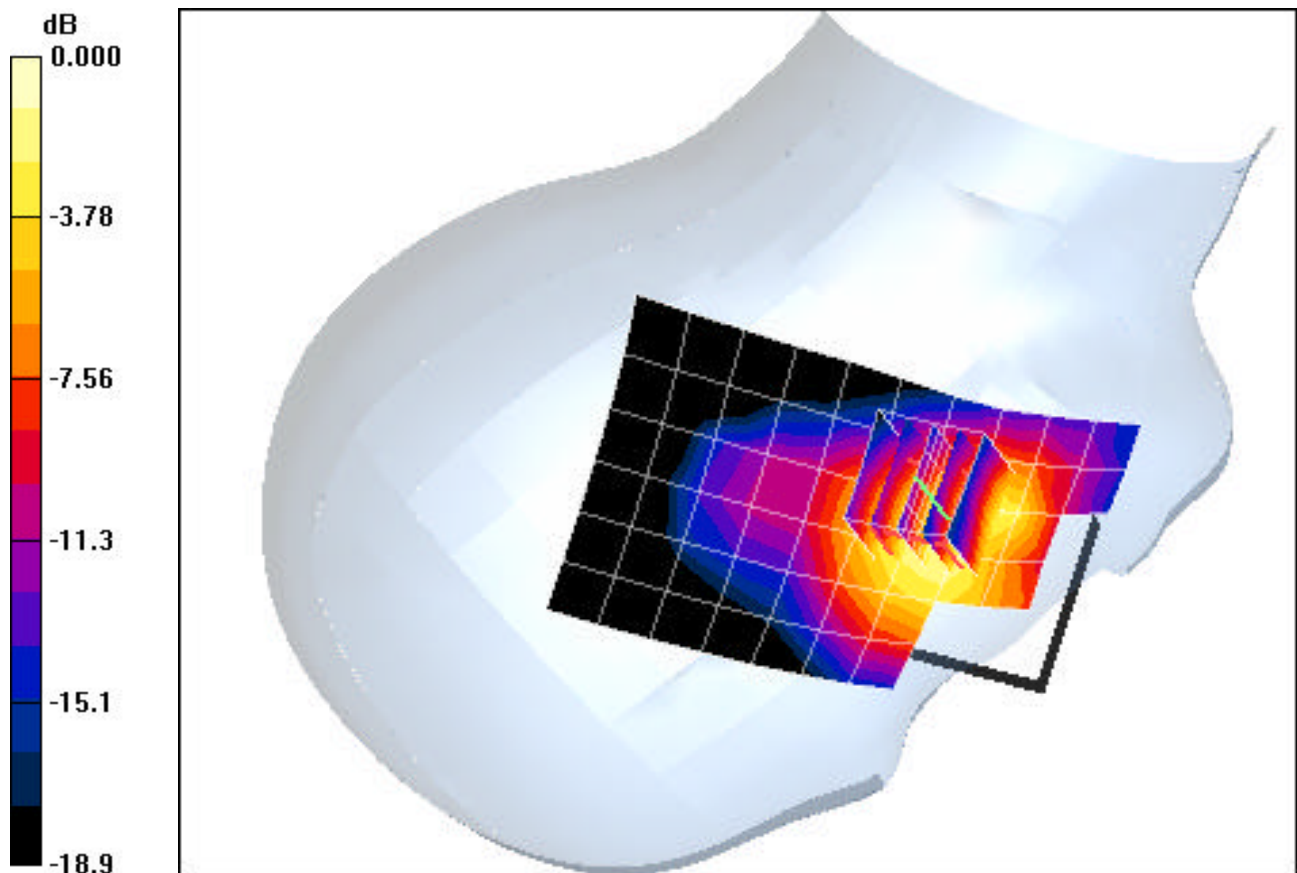
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.14 V/m

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.857 mW/g



0 dB = 1.73mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 1

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

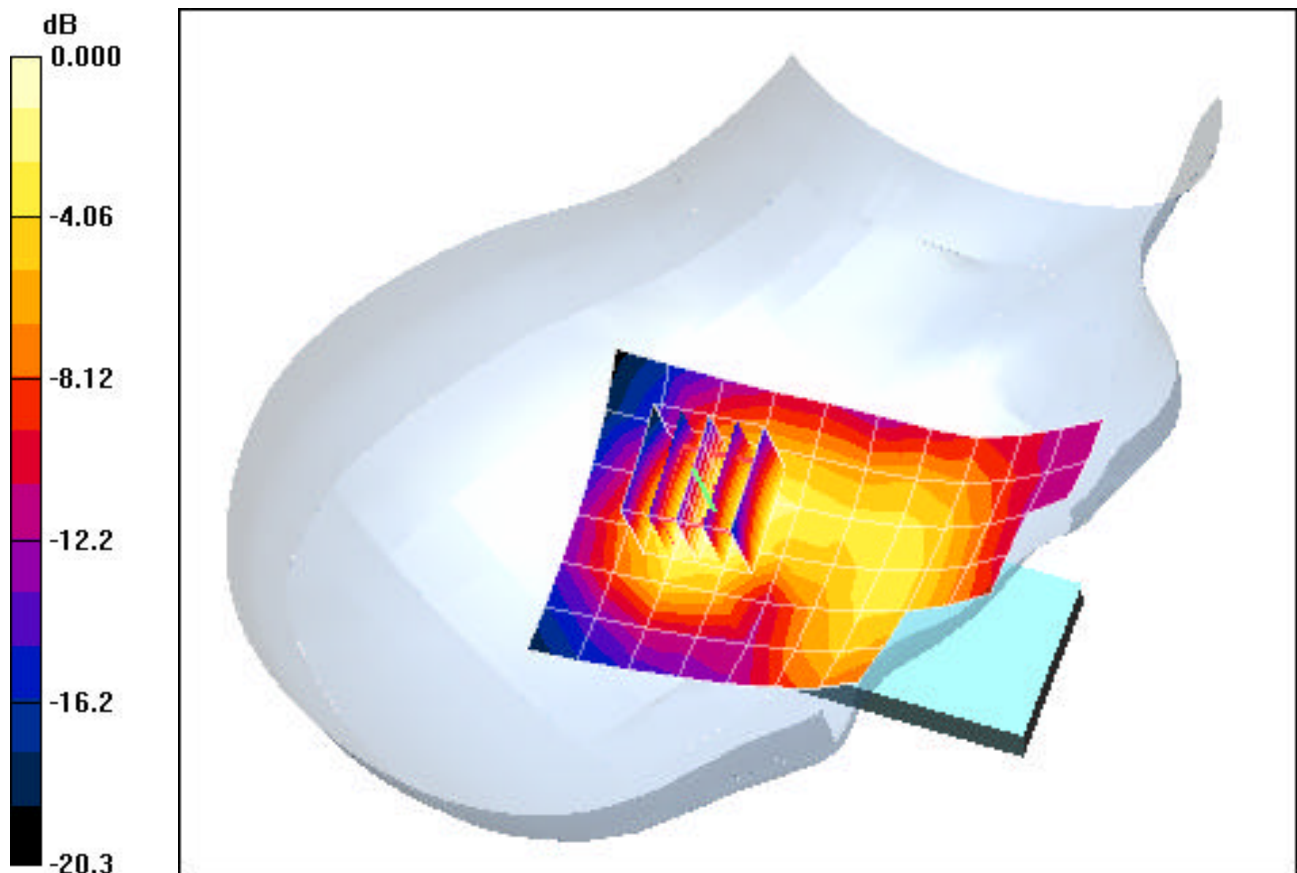
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.4 V/m

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.135 mW/g



0 dB = 0.287mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.67$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2007; Ambient Temp: 23.2°C; Tissue Temp: 20.4°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: WCDMA850, Body SAR, Mid.ch-REAR

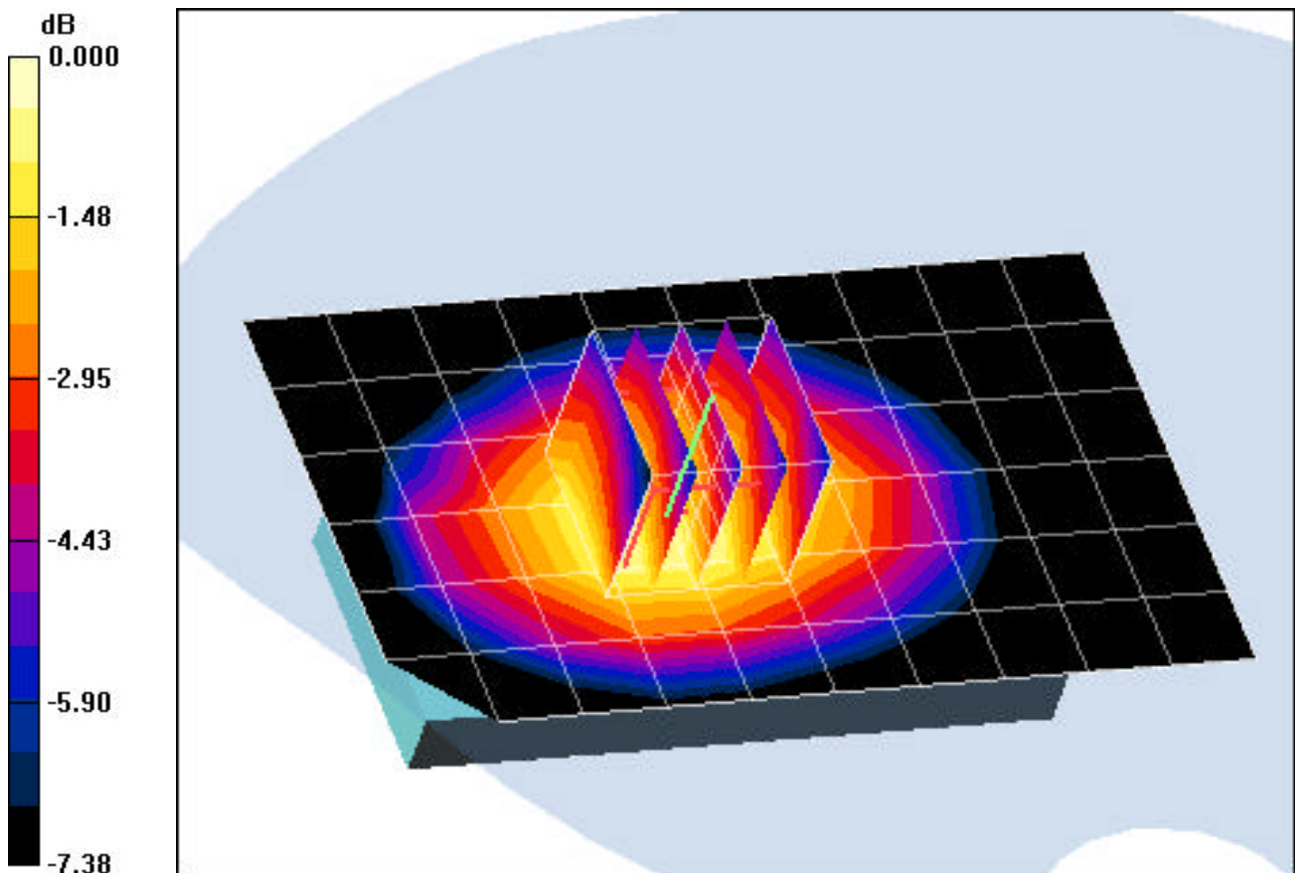
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.76 V/m

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.245 mW/g



0 dB = 0.334mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Muscle ($\sigma = 1.53$ mho/m, $\epsilon_r = 53.45$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2007; Ambient Temp: 23.7°C; Tissue Temp: 20.7°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: WCDMA1900, Body SAR, Mid.ch-FRONT

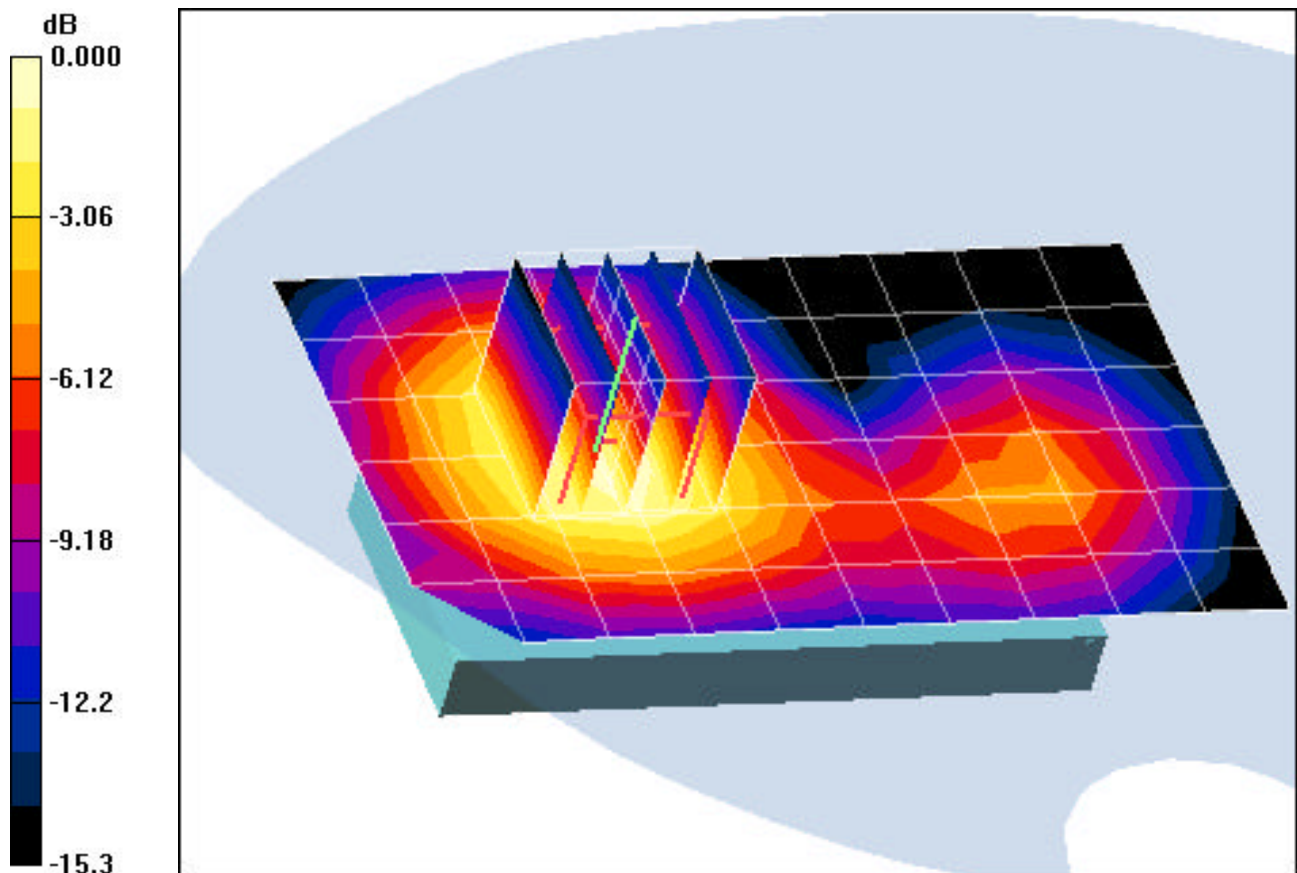
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.4 V/m

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.326 mW/g



0 dB = 0.655mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 42.47$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-19-2007; Ambient Temp: 23.6°C; Tissue Temp: 20.6°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

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

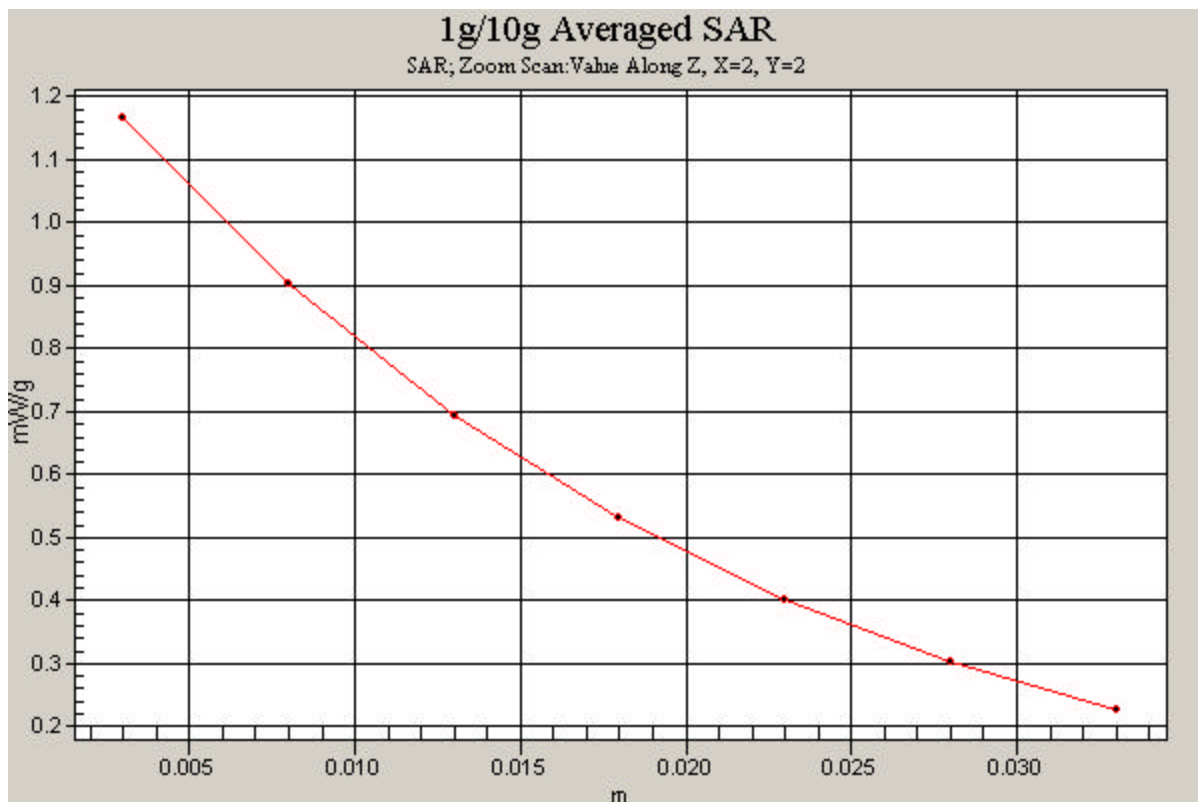
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.749 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 40.2$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 01-22-2007; Ambient Temp: 23.3°C; Tissue Temp: 20.3°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 1

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

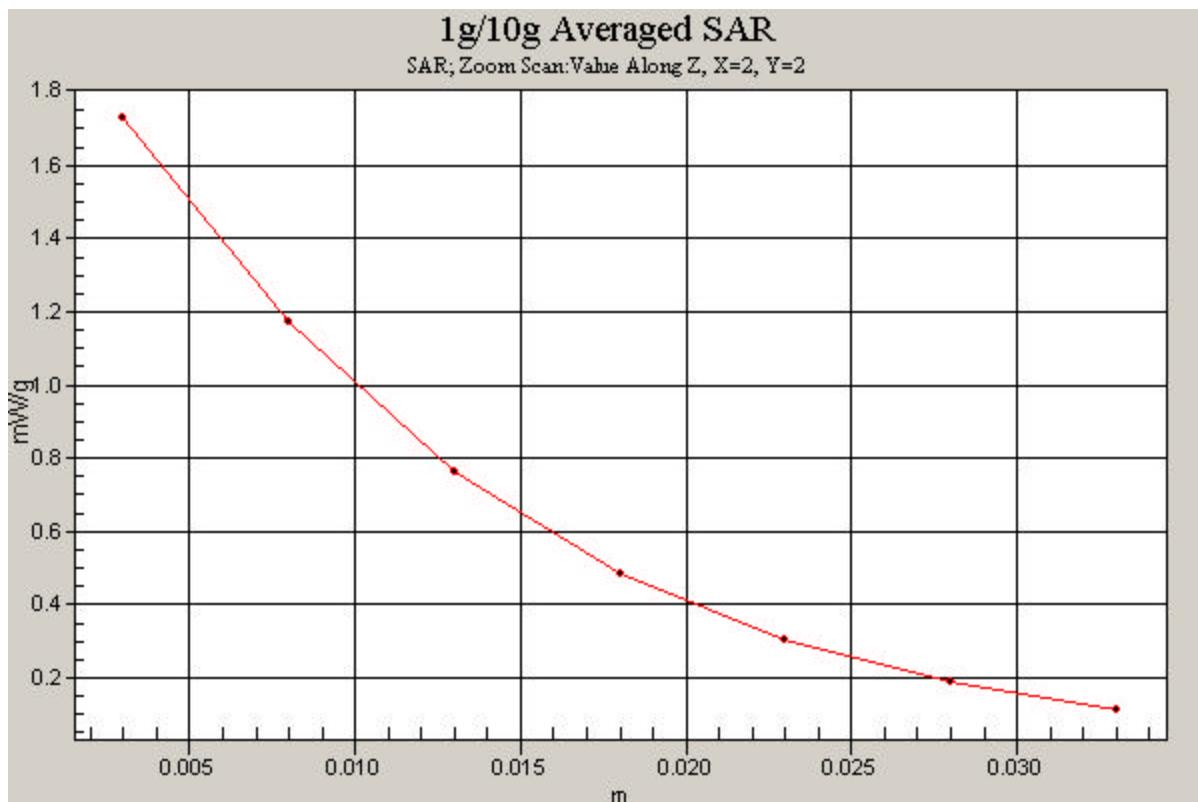
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.14 V/m

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.857 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.67$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2007; Ambient Temp: 23.2°C; Tissue Temp: 20.4°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: GSM850, Body SAR, Mid.ch-REAR

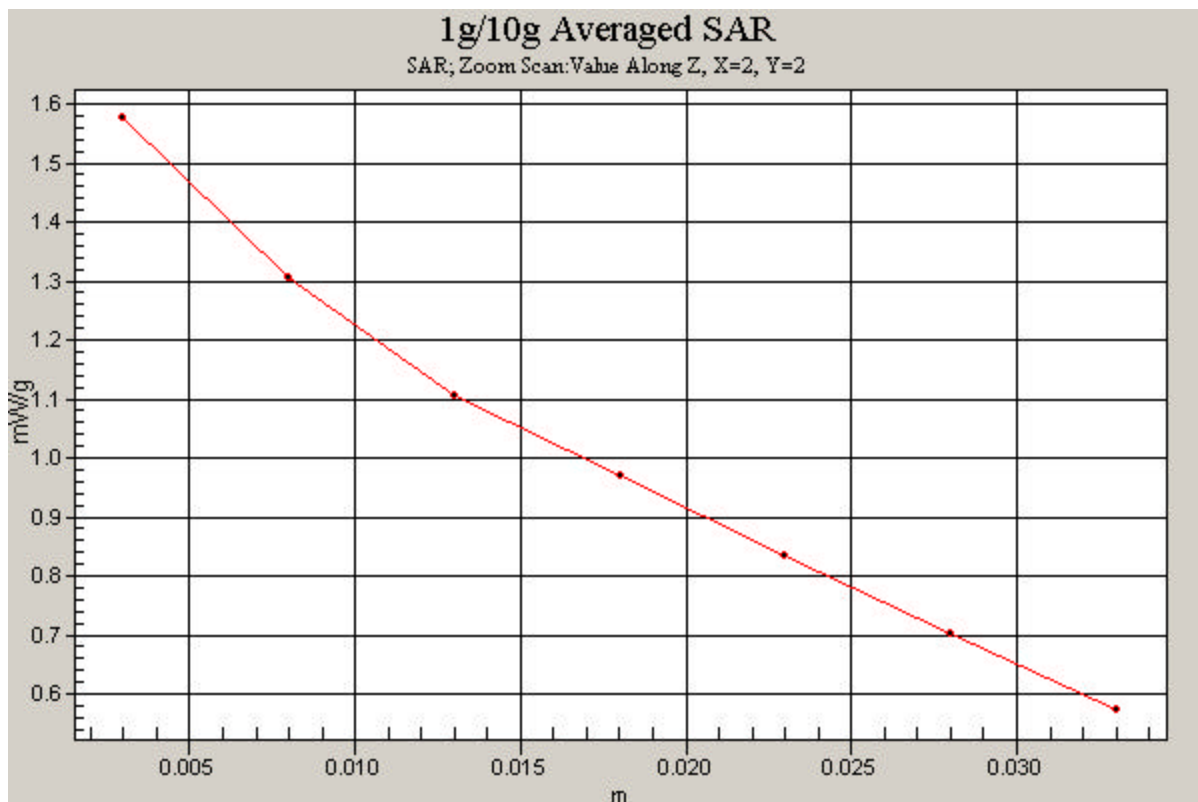
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.45 mW/g; SAR(10 g) = 1.17 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SGH-A727; Type: Dual Band WCDMA/GSM /EDGE Phone with BT; S/N: FE-002-E

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

Medium: 1900 Muscle ($\sigma = 1.53$ mho/m, $\epsilon_r = 53.45$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2007; Ambient Temp: 23.7°C; Tissue Temp: 20.7°C

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

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

Mode: GSM1900, Body SAR, Mid.ch-Front

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.9 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.389 mW/g

