

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98- KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.60$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch, Ch.251, Ant. Internal, Std. Battery

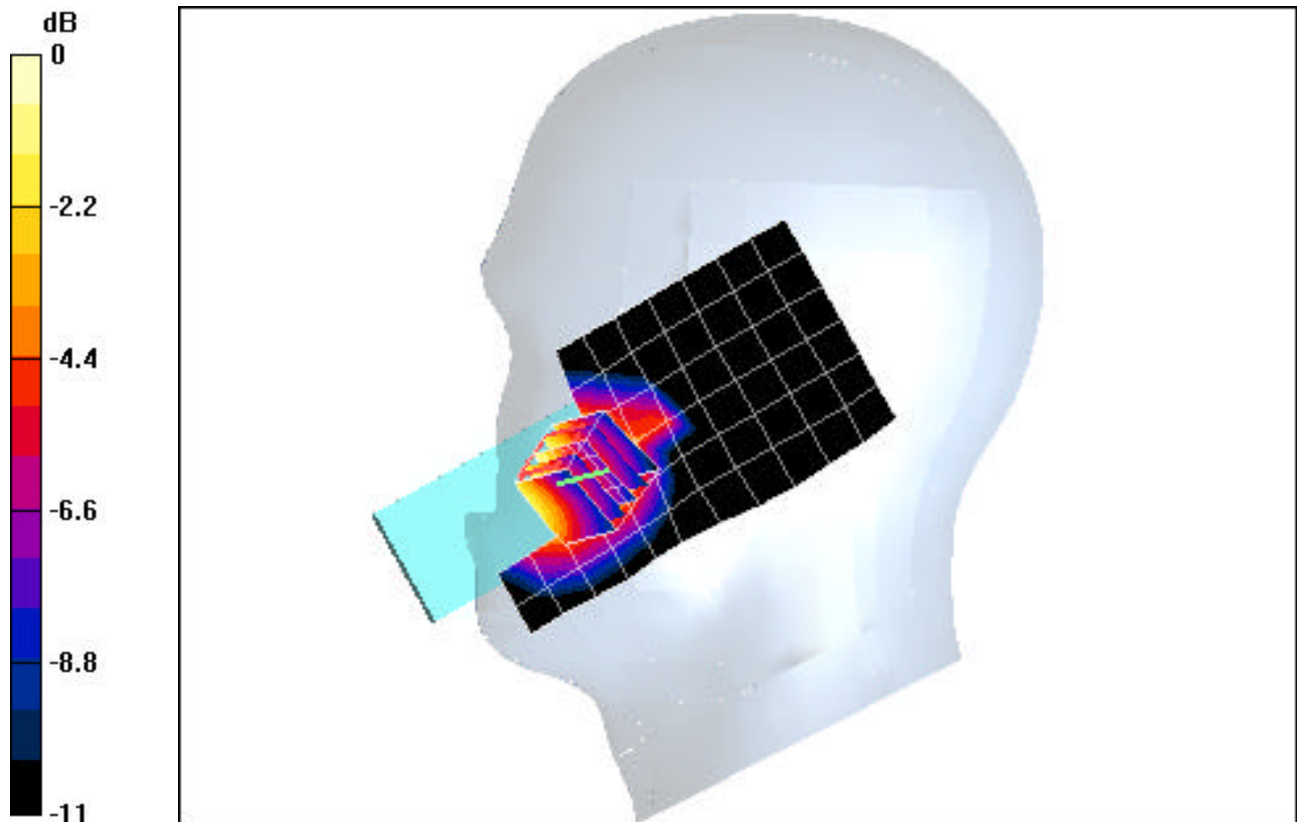
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.56 V/m

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.486 mW/g



0 dB = 0.767mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.60$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Tilt, Ch.190, Ant. Internal, Std. Battery

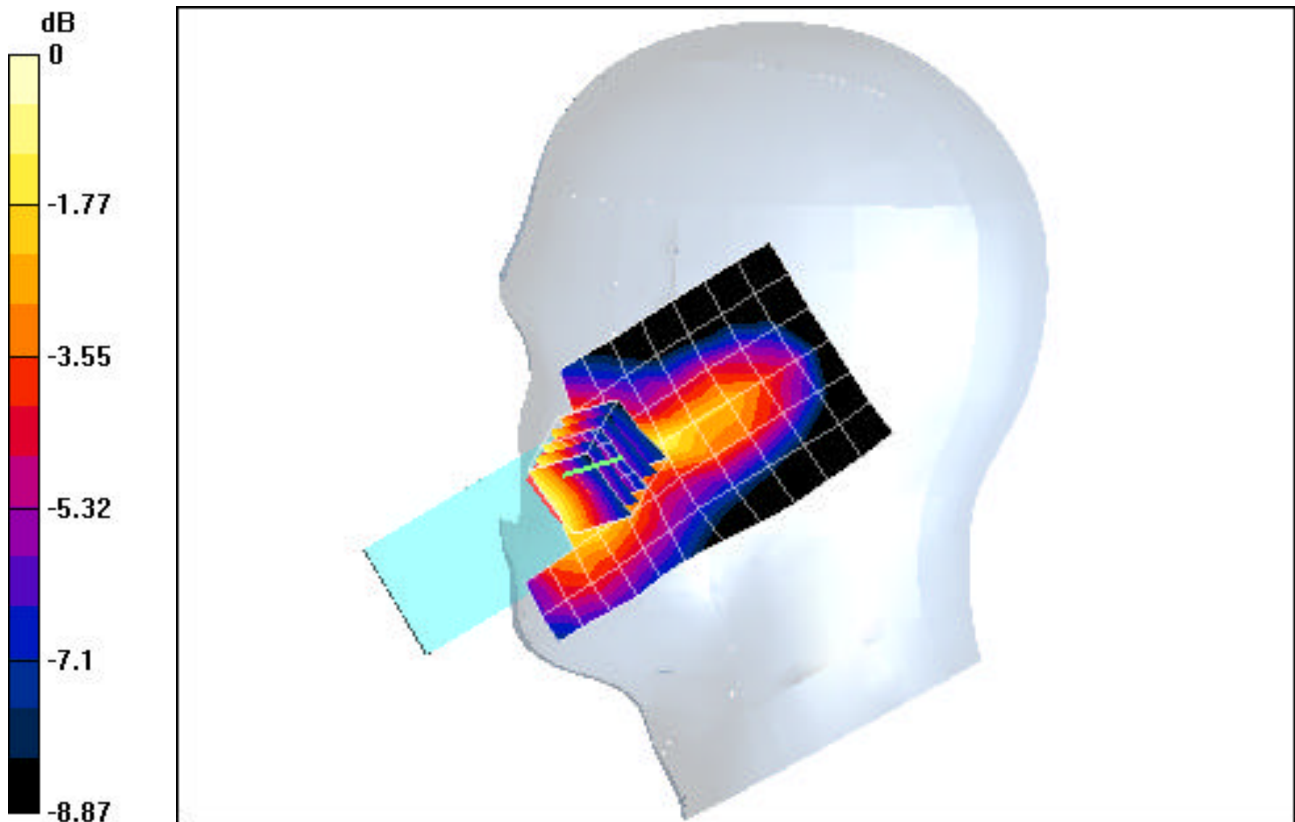
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.95 V/m

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.056 mW/g



0 dB = 0.074mW/g

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DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.60$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch, Ch.251, Ant. Internal, Std. Battery

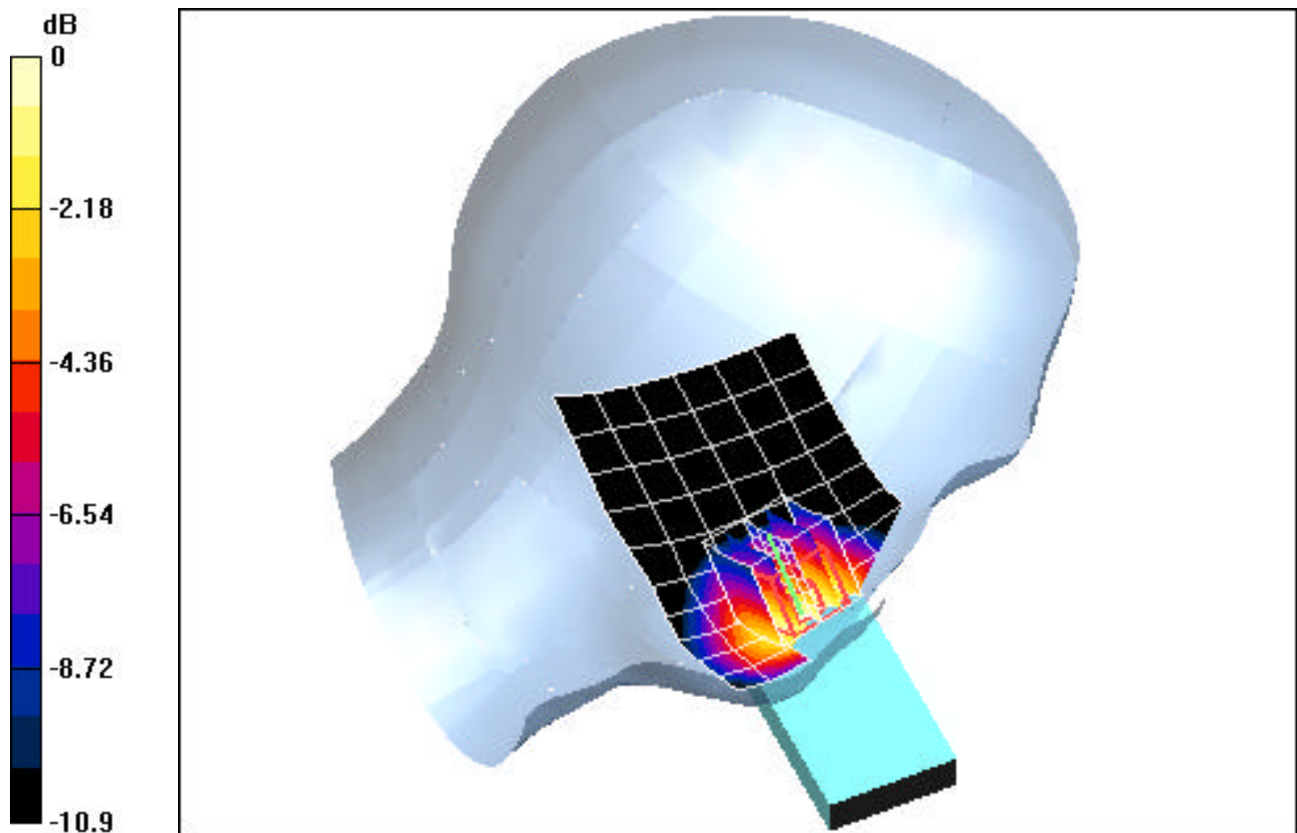
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.84 V/m

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.425 mW/g



0 dB = 0.705mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.60$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Tilt, Ch.190, Ant. Internal, Std. Battery

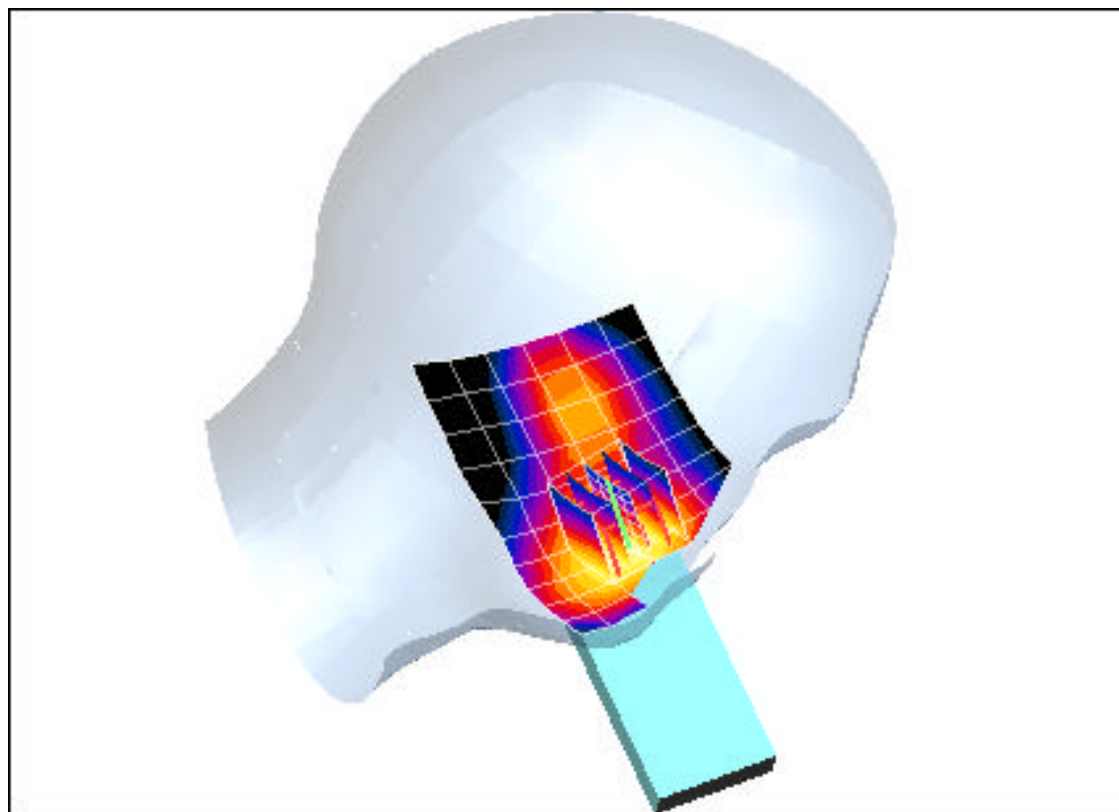
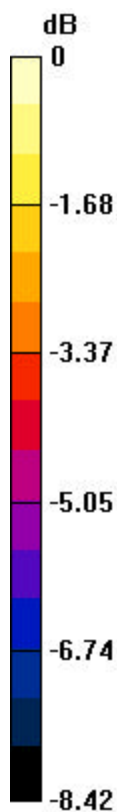
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.66 V/m

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.040 mW/g



0 dB = 0.060mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

Communication System: PCS GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.45$ mho/m, $\epsilon_r = 41.41$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 10-06-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.1°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch, Ch.512, Ant. Internal, Std. Battery

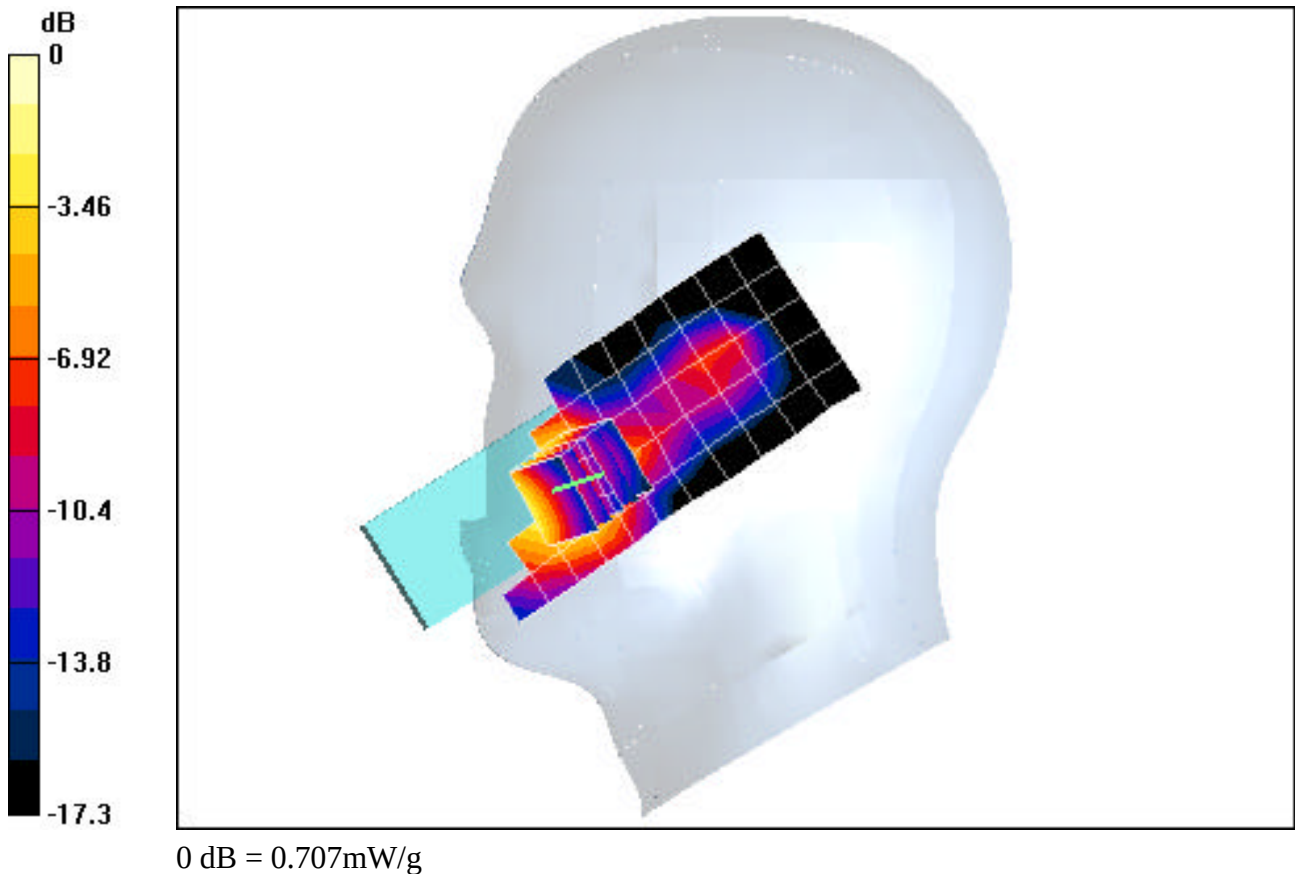
Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.62 V/m

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.339 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 1900 Brain ($\sigma = 1.45$ mho/m, $\epsilon_r = 41.41$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 10-06-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.1°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Tilt, Ch.661, Ant. Internal, Std. Battery

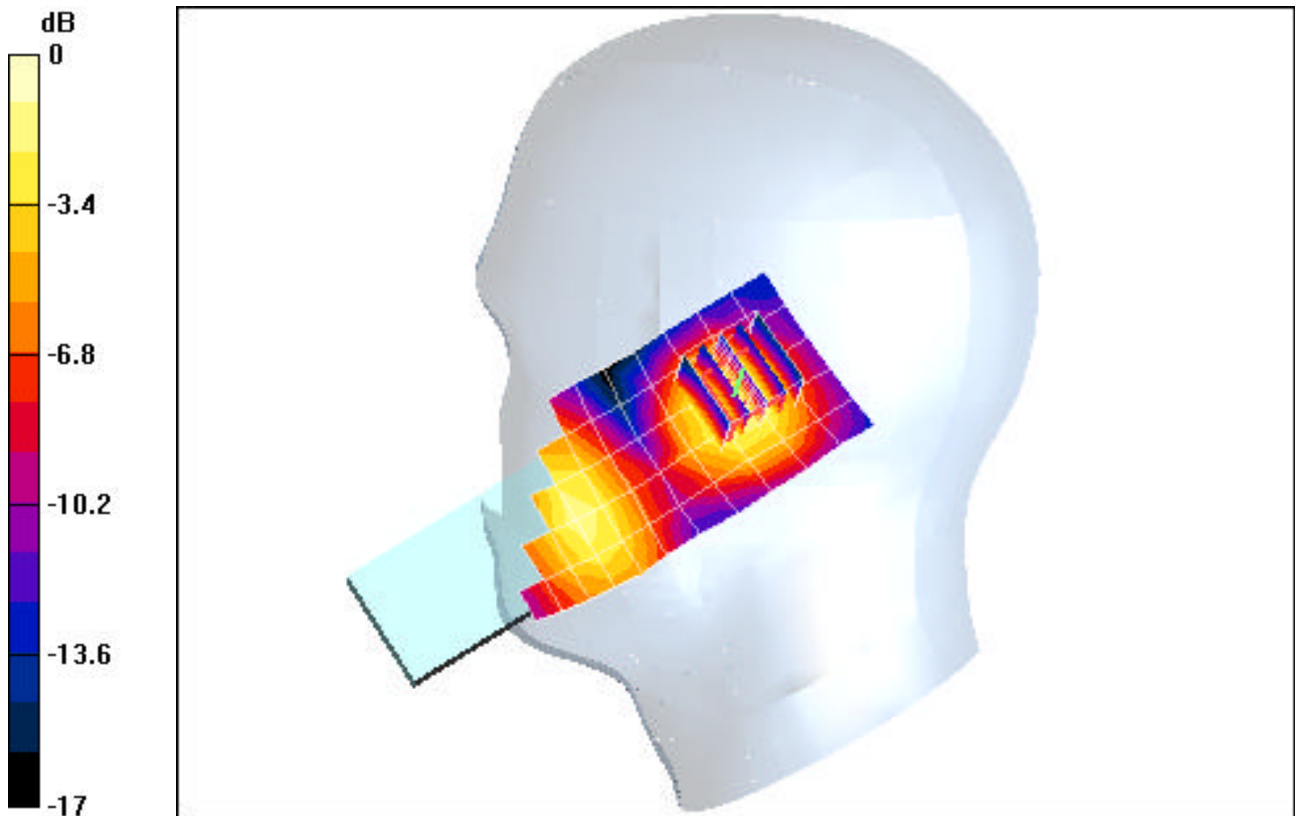
Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.73 V/m

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.056 mW/g



0 dB = 0.116mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

Communication System: PCS GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.45$ mho/m, $\epsilon_r = 41.41$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 10-06-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.1°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch, Ch.0512, Ant. Internal, Std. Battery

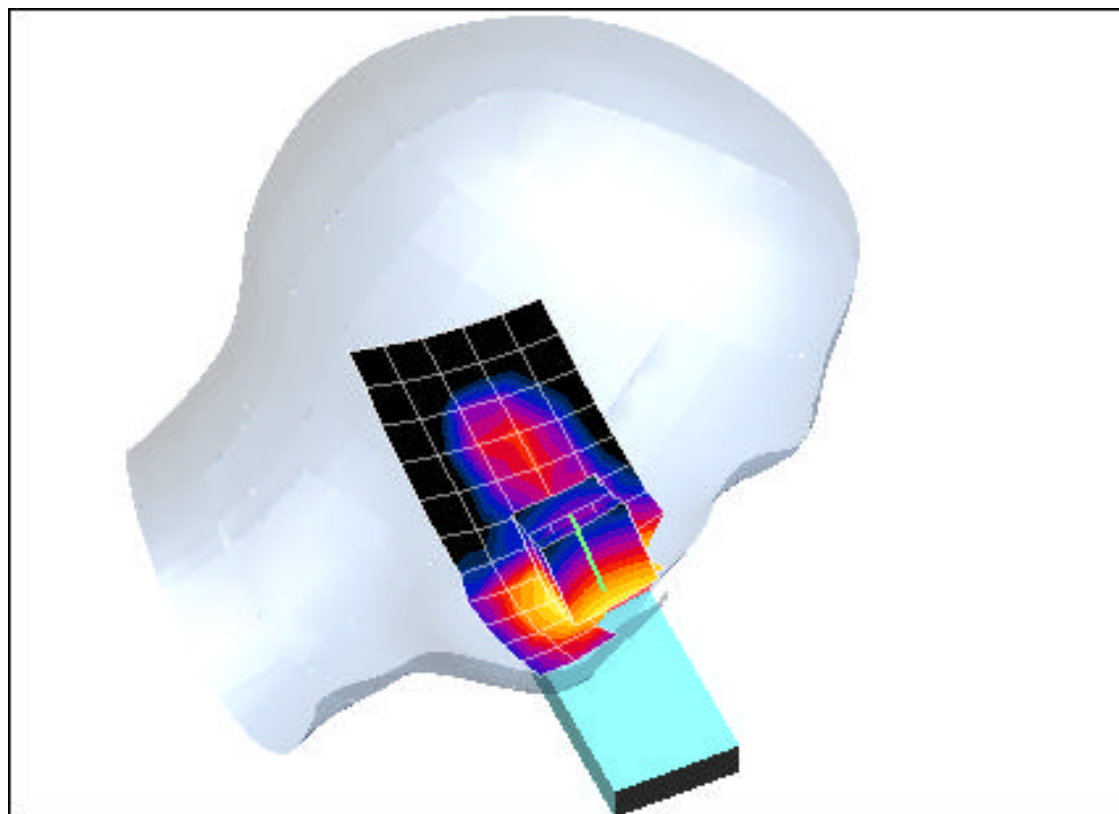
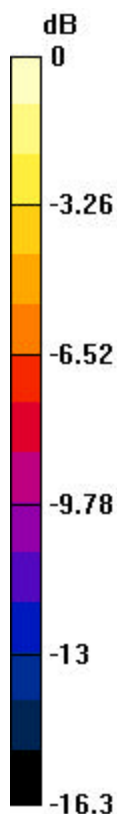
Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.78 V/m

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.276 mW/g



0 dB = 0.517mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 1900 Brain ($\sigma = 1.45$ mho/m, $\epsilon_r = 41.41$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 10-06-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.1°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Tilt, Ch.661, Ant. Internal, Std. Battery

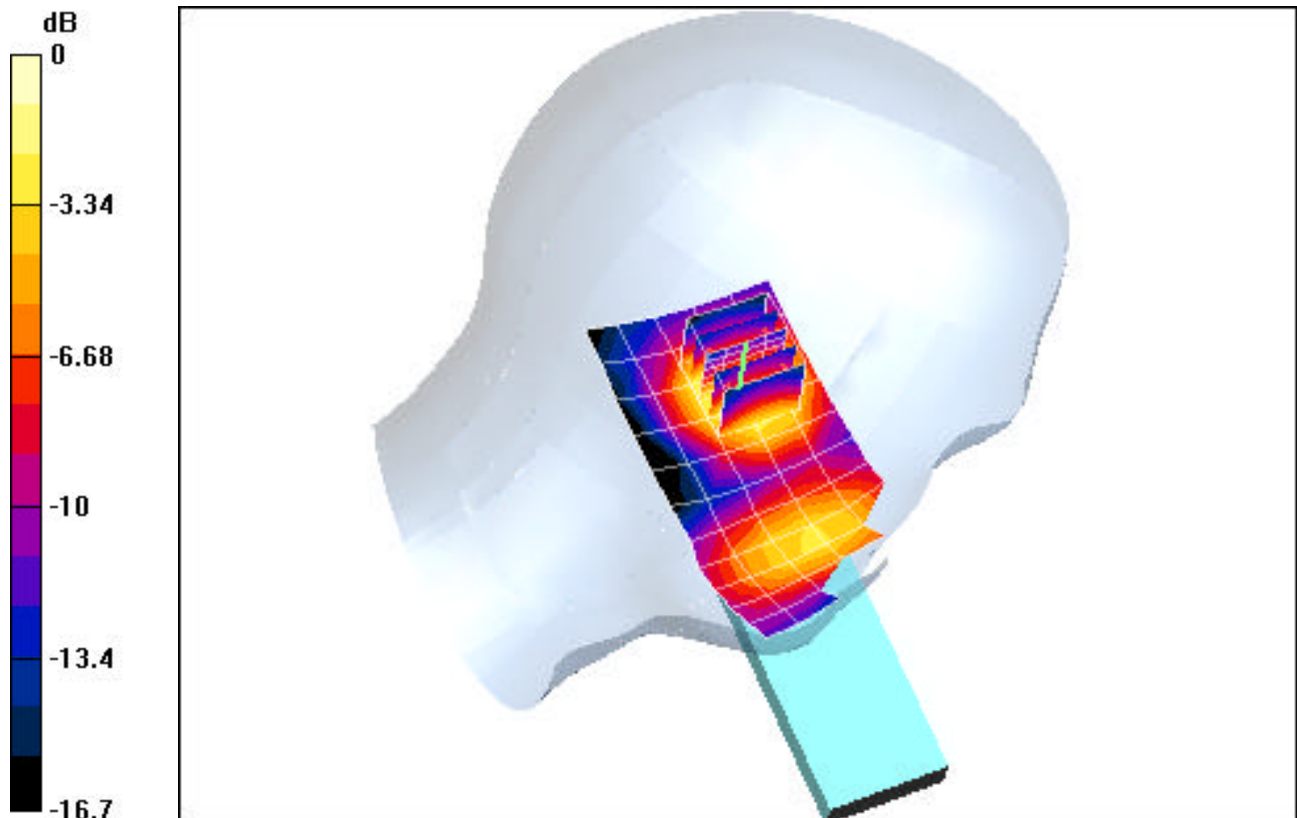
Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.98 V/m

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.065 mW/g



0 dB = 0.110mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 52.81$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 10-07-2003; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, 1.5cm. Space, Ch.0190, Ant. Internal, Std. Battery

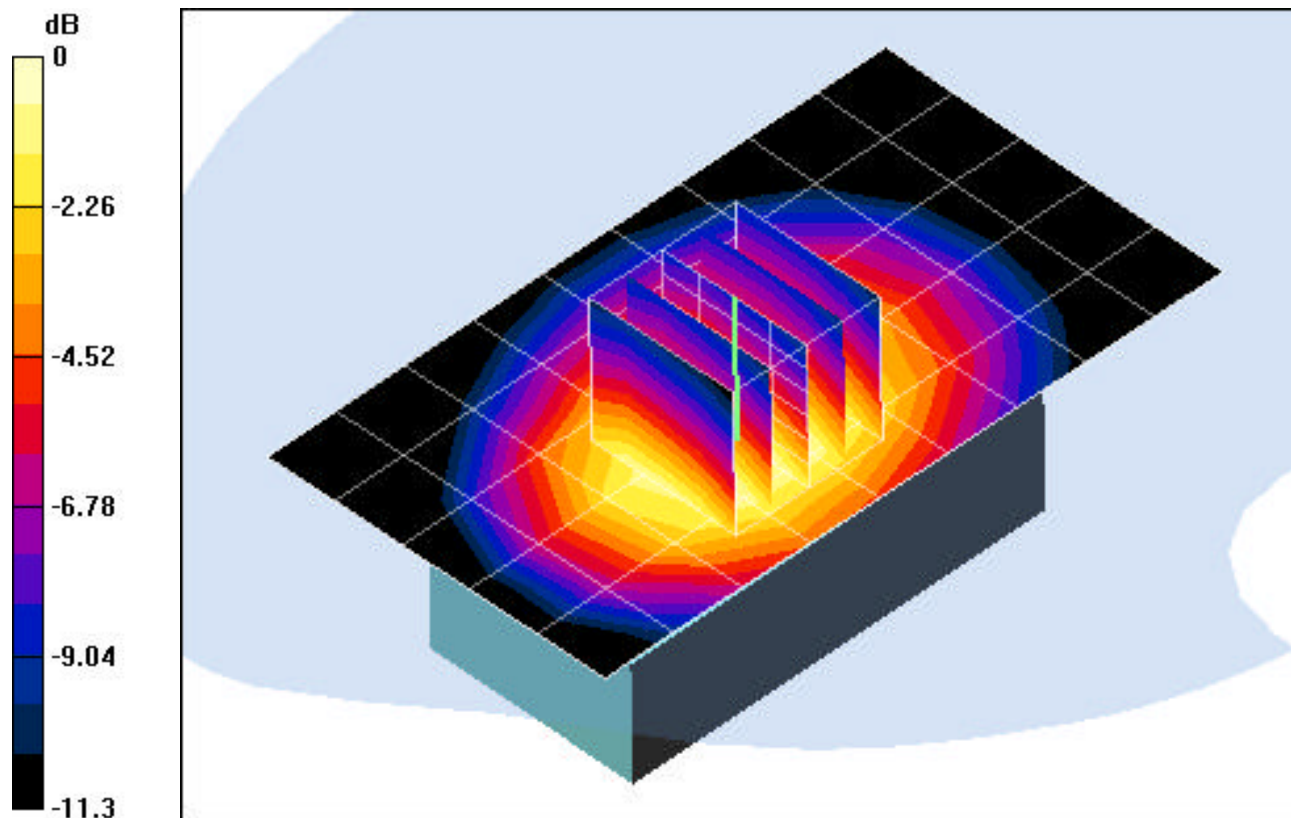
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.34 V/m

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.207 mW/g



0 dB = 0.338mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

Communication System: PCS GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 Muscle ($\sigma = 1.51$ mho/m, $\epsilon_r = 53.81$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(4.5, 4.5, 4.5); Calibrated: 9/24/2004

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, 1.5cm. Space, Ch.0512, Ant. Internal, Std. Battery

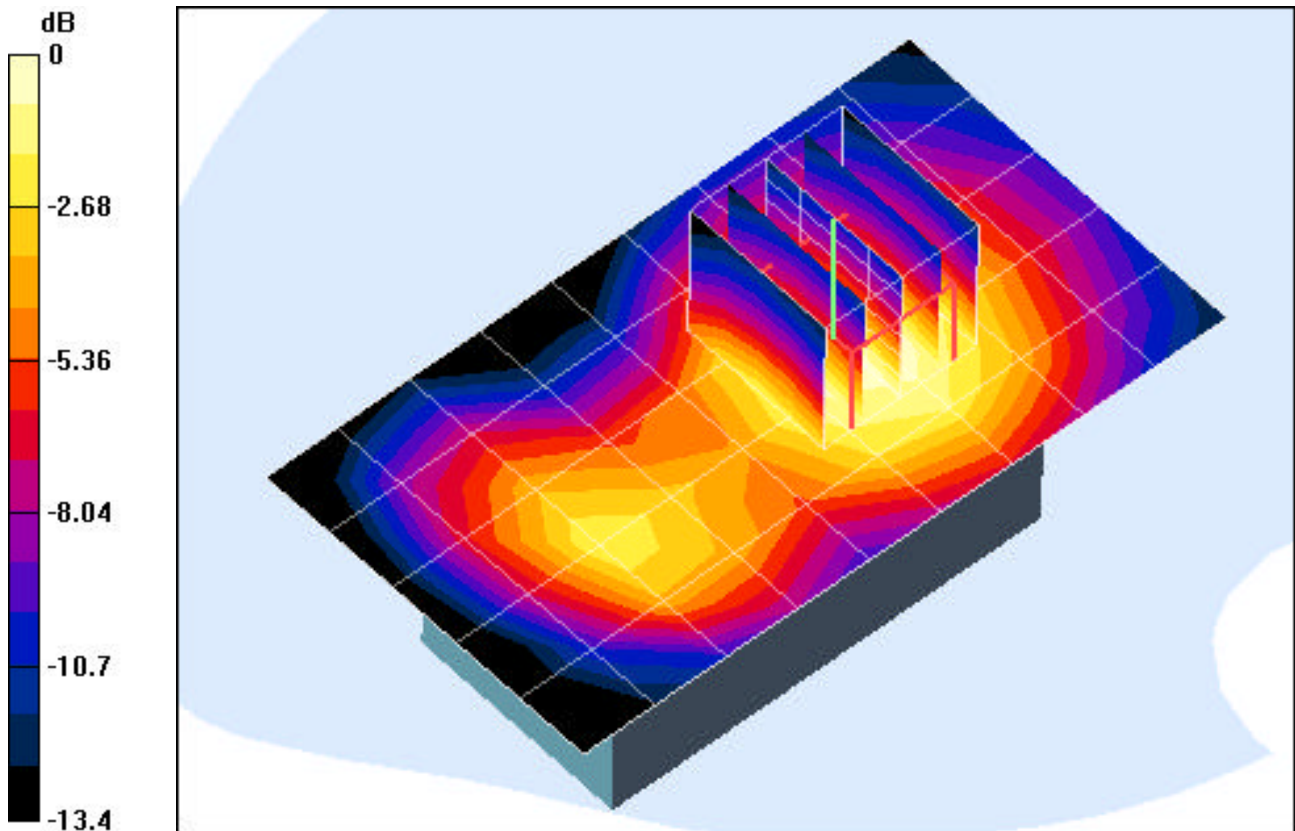
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.2 V/m

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.196mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Brain ($\sigma = 0.90$ mho/m, $\epsilon_r = 41.60$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6.1, 6.1, 6.1); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch, Ch.251, Ant. Internal, Std. Battery

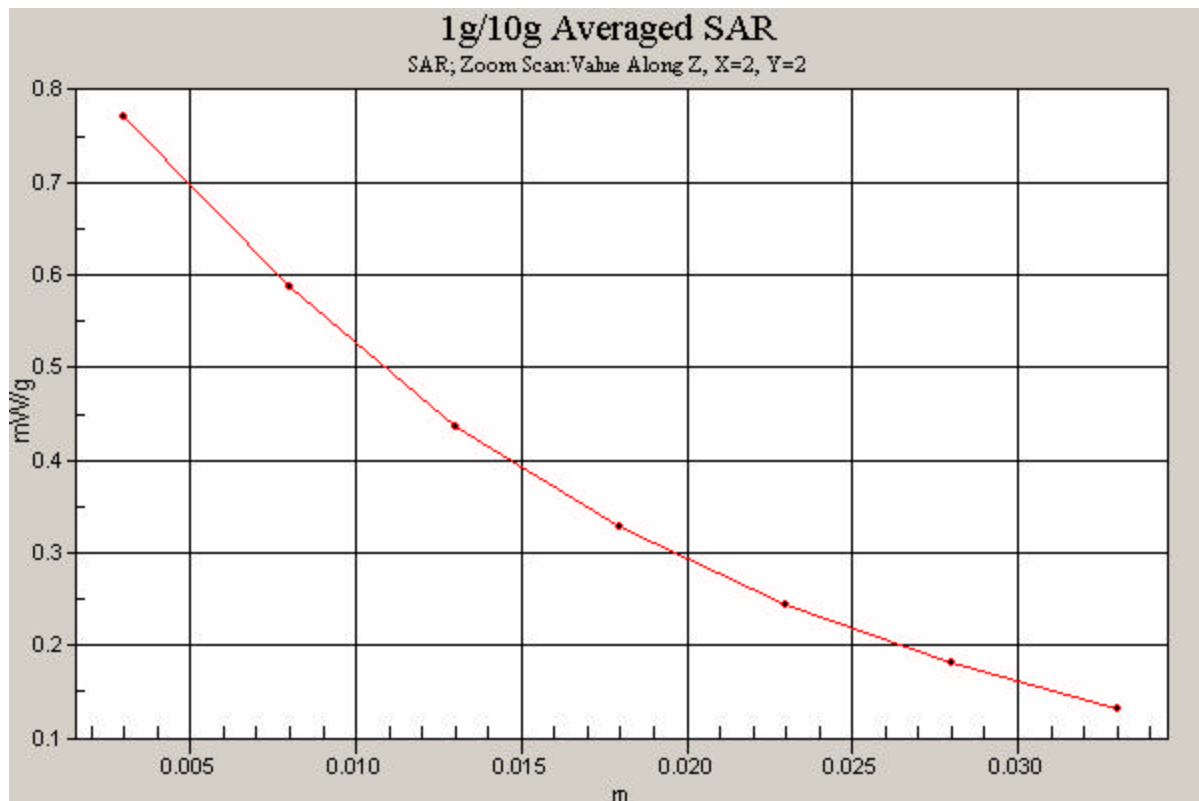
Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.56 V/m

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.486 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

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

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 52.81$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 10-07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(6, 6, 6); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, 1.5cm. Space, Ch.0190, Ant. Internal, Std. Battery

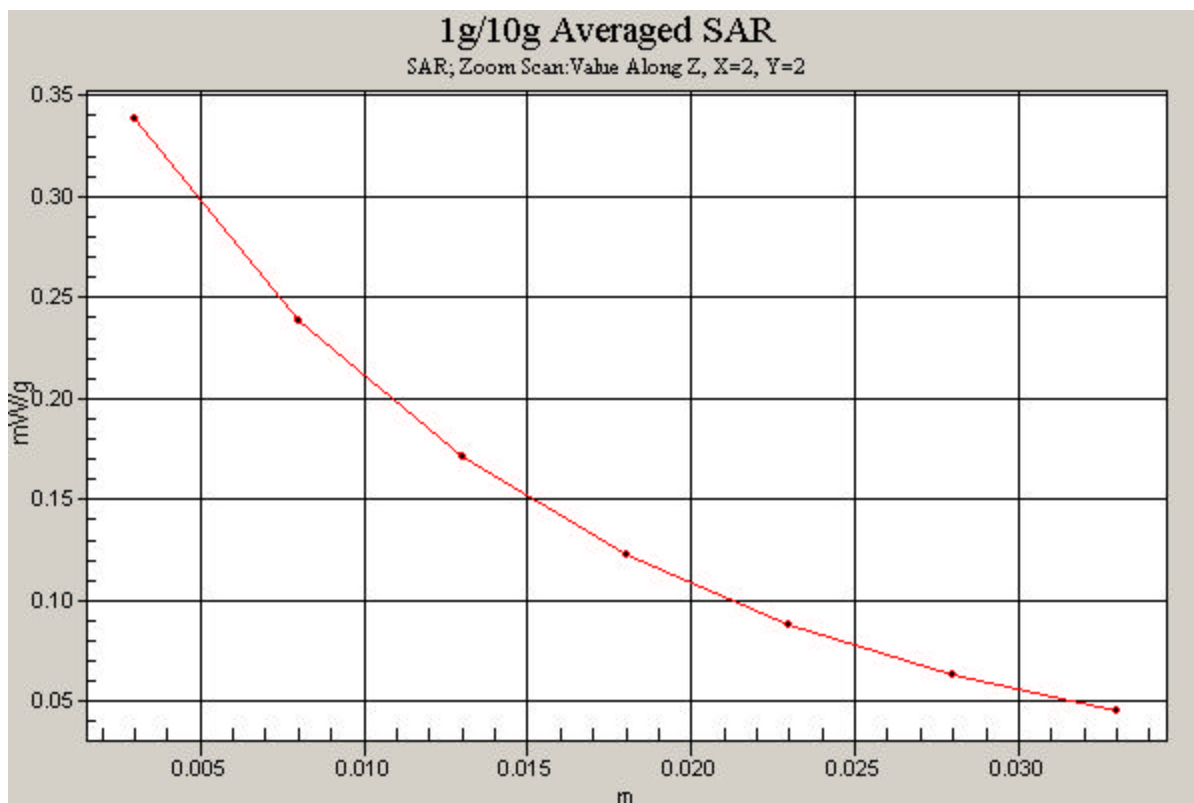
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.34 V/m

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.207 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-KMP6J1N1; Type: GSM Dual Band; SN: FCC 1

Communication System: PCS GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 Brain ($\sigma = 1.45$ mho/m, $\epsilon_r = 41.41$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 10-06-2004; Ambient Temp: 21.8°C; Tissue Temp: 20.1°C

Probe: ES3DV2 - SN3022; ConvF(5, 5, 5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch, Ch.512, Ant. Internal, Std. Battery

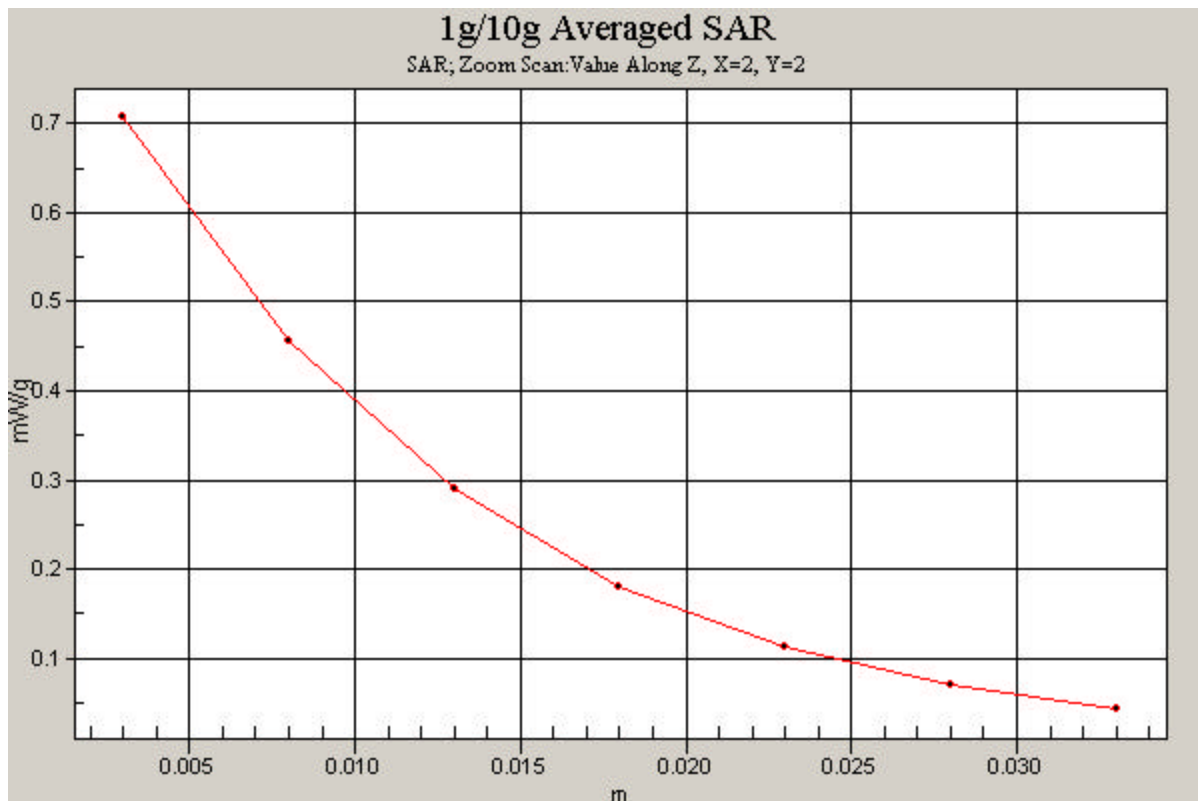
Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.62 V/m

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.339 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: NEC KMP6J1N1; FCC ID: A98-JMP6J1N1; Type: GSM Dual Band; SN: FCC 1

Communication System: PCS GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 Muscle ($\sigma = 1.51$ mho/m, $\epsilon_r = 53.81$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 10.07-2004; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: ES3DV2 - SN3022; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn330; Calibrated: 6/23/2004

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

Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, 1.5cm. Space, Ch.0512, Ant. Internal, Std. Battery

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.2 V/m

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.108 mW/g

