

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

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: 10-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.0251

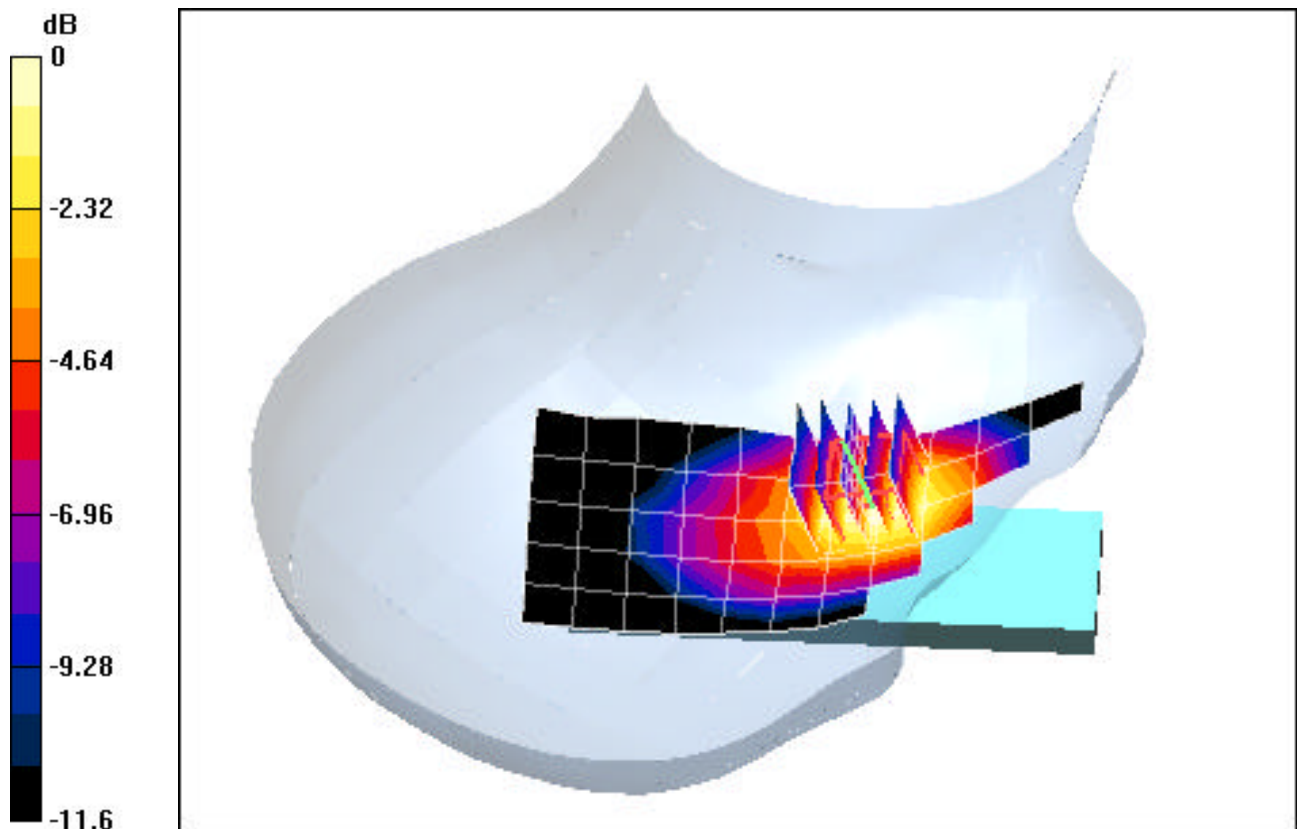
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.6 V/m

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.697 mW/g



0 dB = 1.25mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

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: 10-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.0190

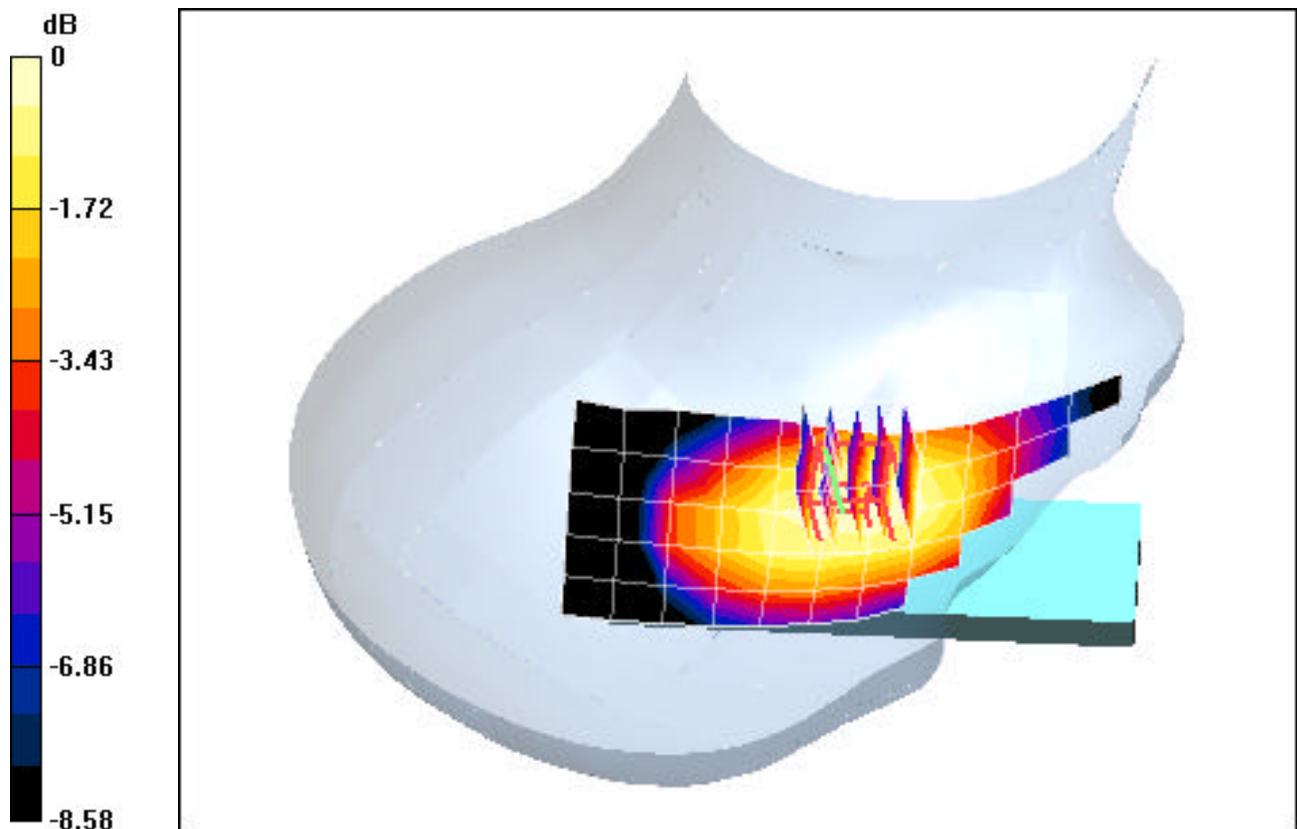
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.2 V/m

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.163 mW/g



0 dB = 0.235mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

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: 10-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.0251

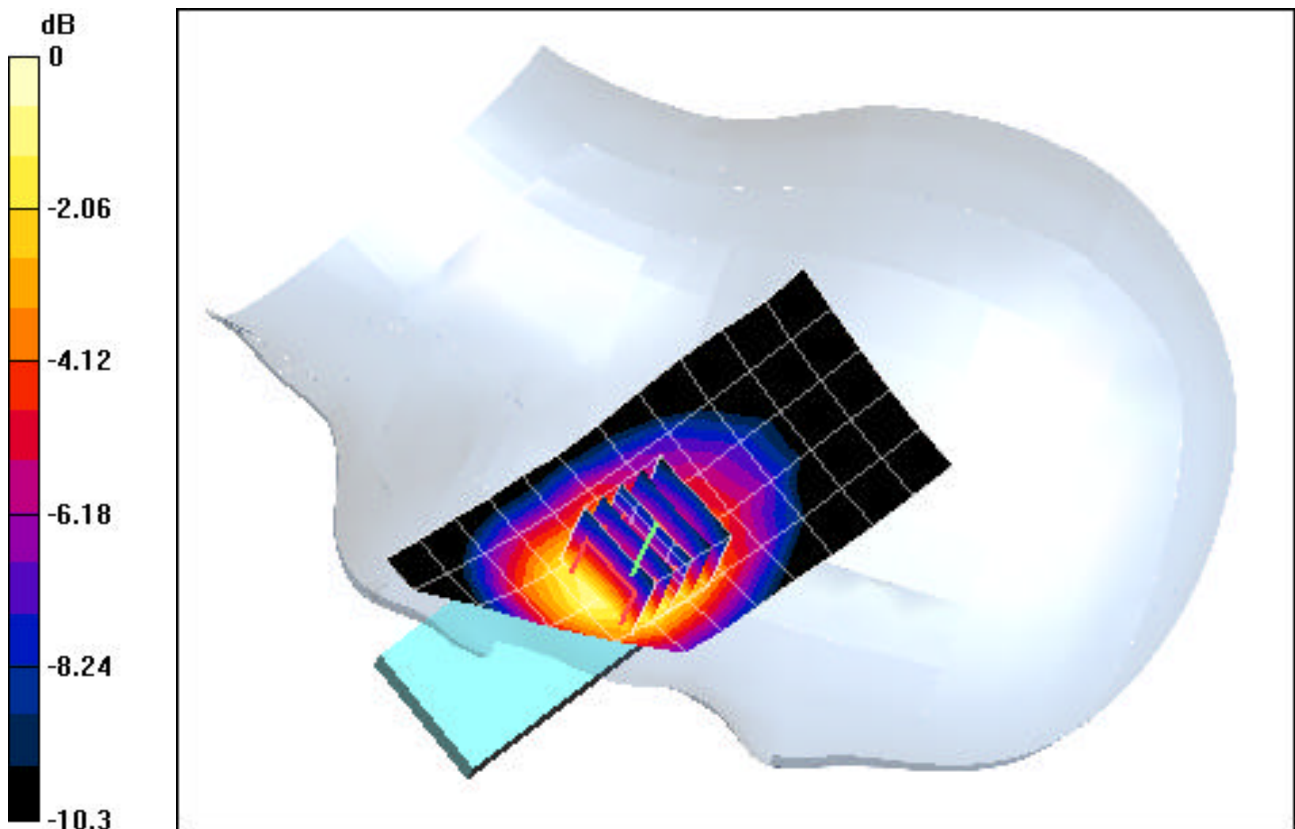
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.5 V/m

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.717 mW/g



0 dB = 1.23mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

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: 10-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.0190

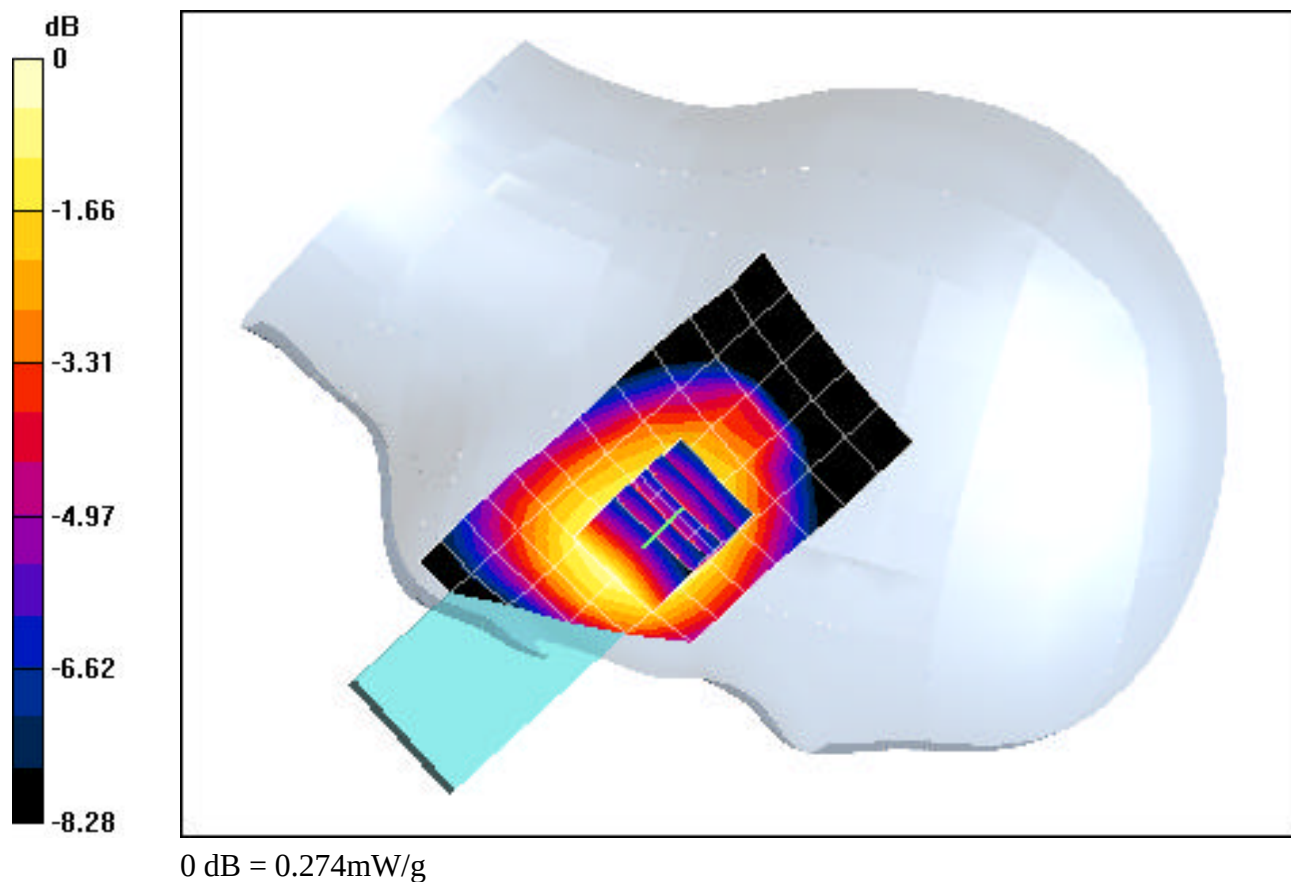
Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.2 V/m

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.185 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

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: 10-04-2004; Ambient Temp: 23.5°C; Tissue Temp: 21.4°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

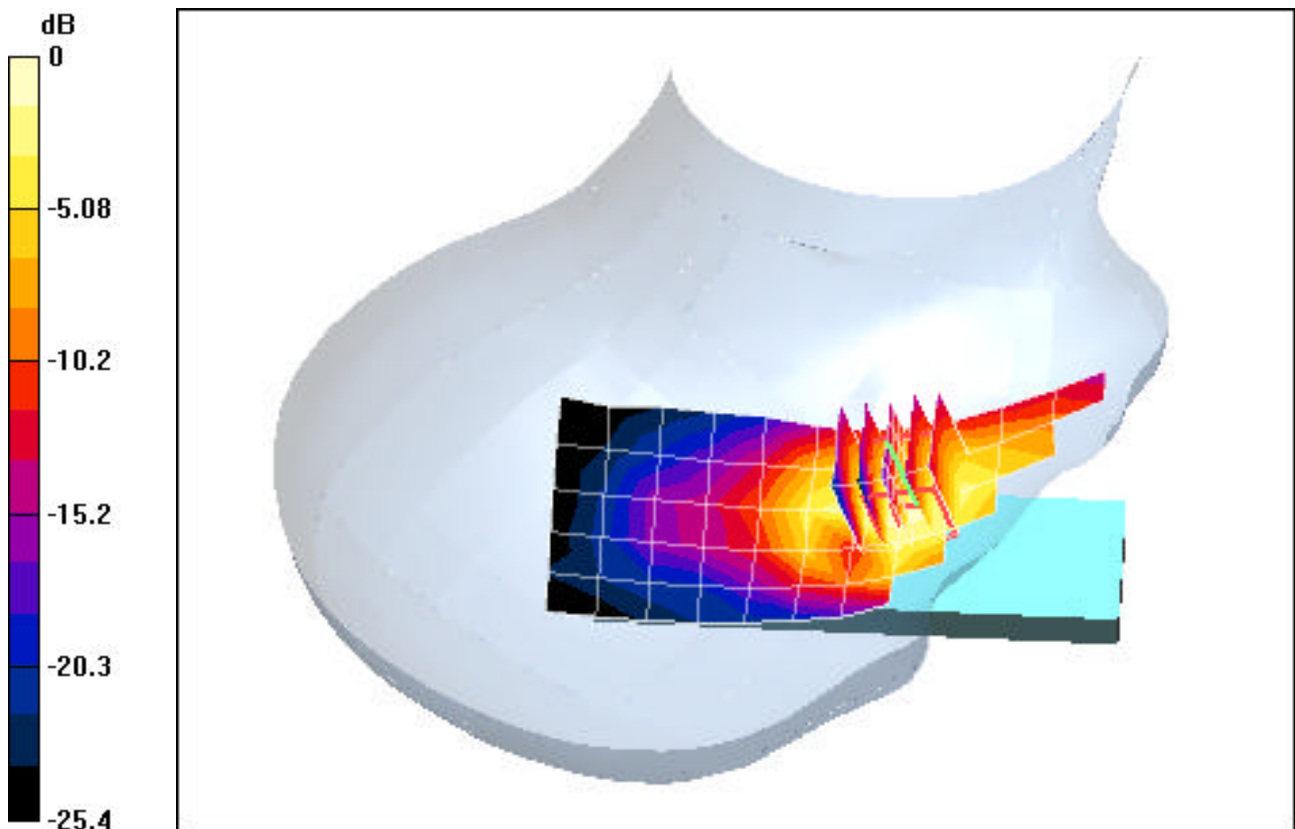
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.78 V/m

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.553 mW/g



0 dB = 1.22mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

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: 10-04-2004; Ambient Temp: 23.5°C; Tissue Temp: 21.4°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.0661

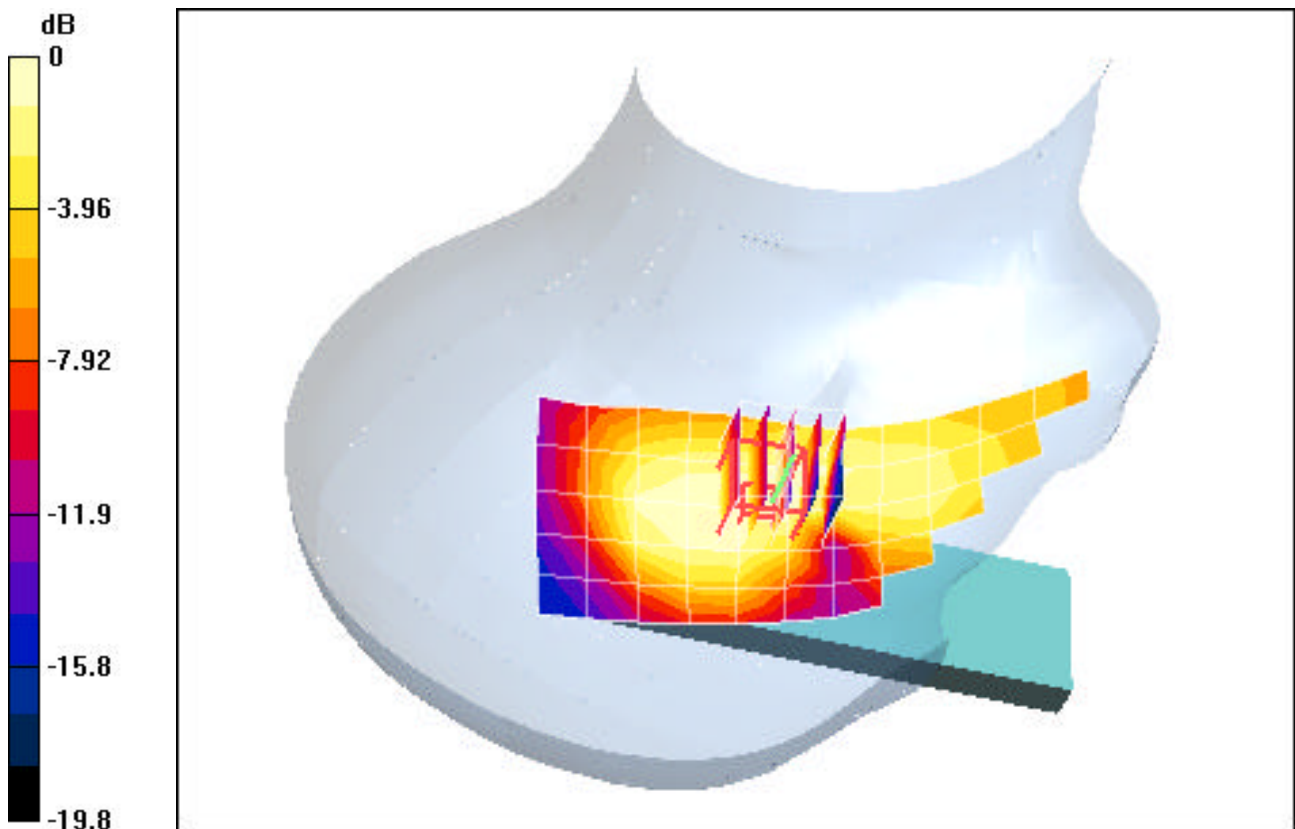
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.78 V/m

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.048 mW/g



0 dB = 0.092mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

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: 10-04-2004; Ambient Temp: 23.5°C; Tissue Temp: 21.4°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.0661

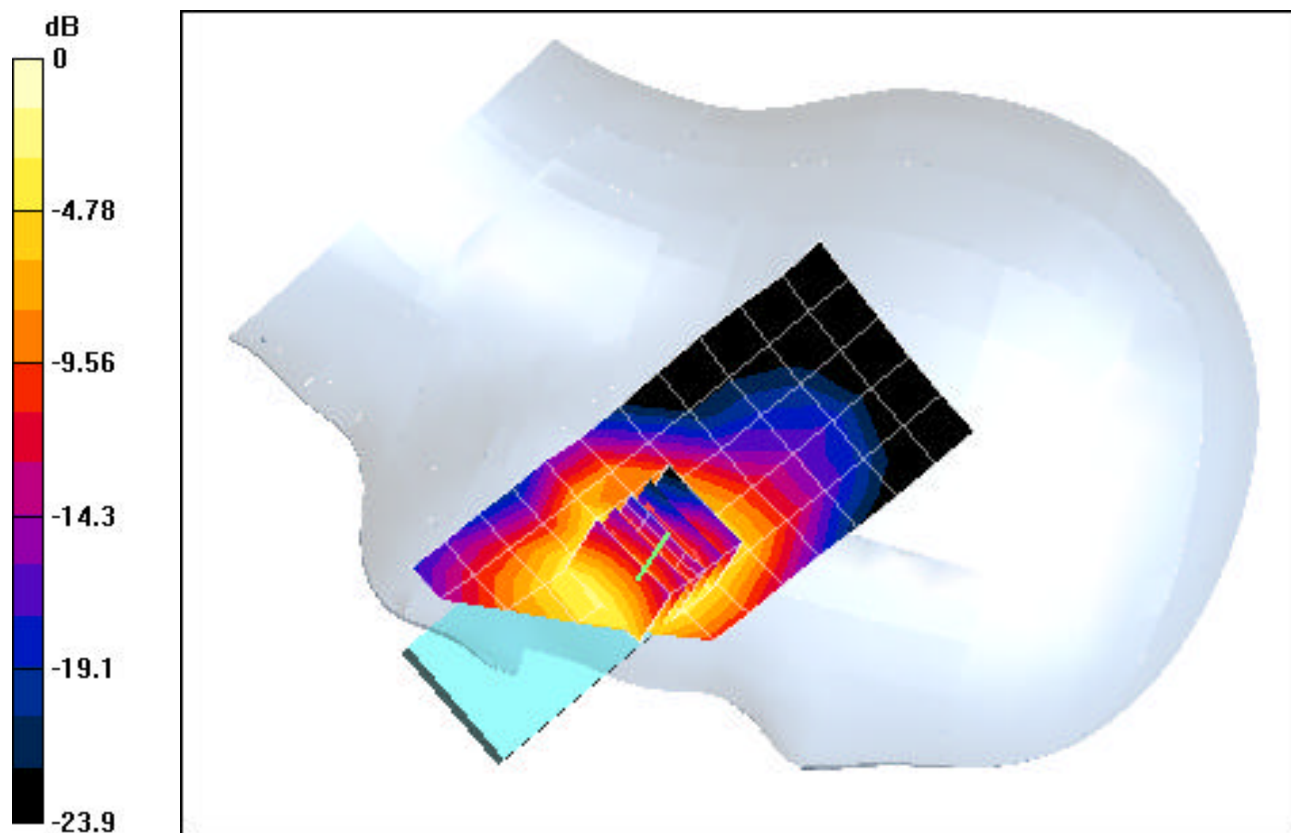
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.09 V/m

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.618 mW/g



0 dB = 1.35mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

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: 10-04-2004; Ambient Temp: 23.5°C; Tissue Temp: 21.4°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.0661

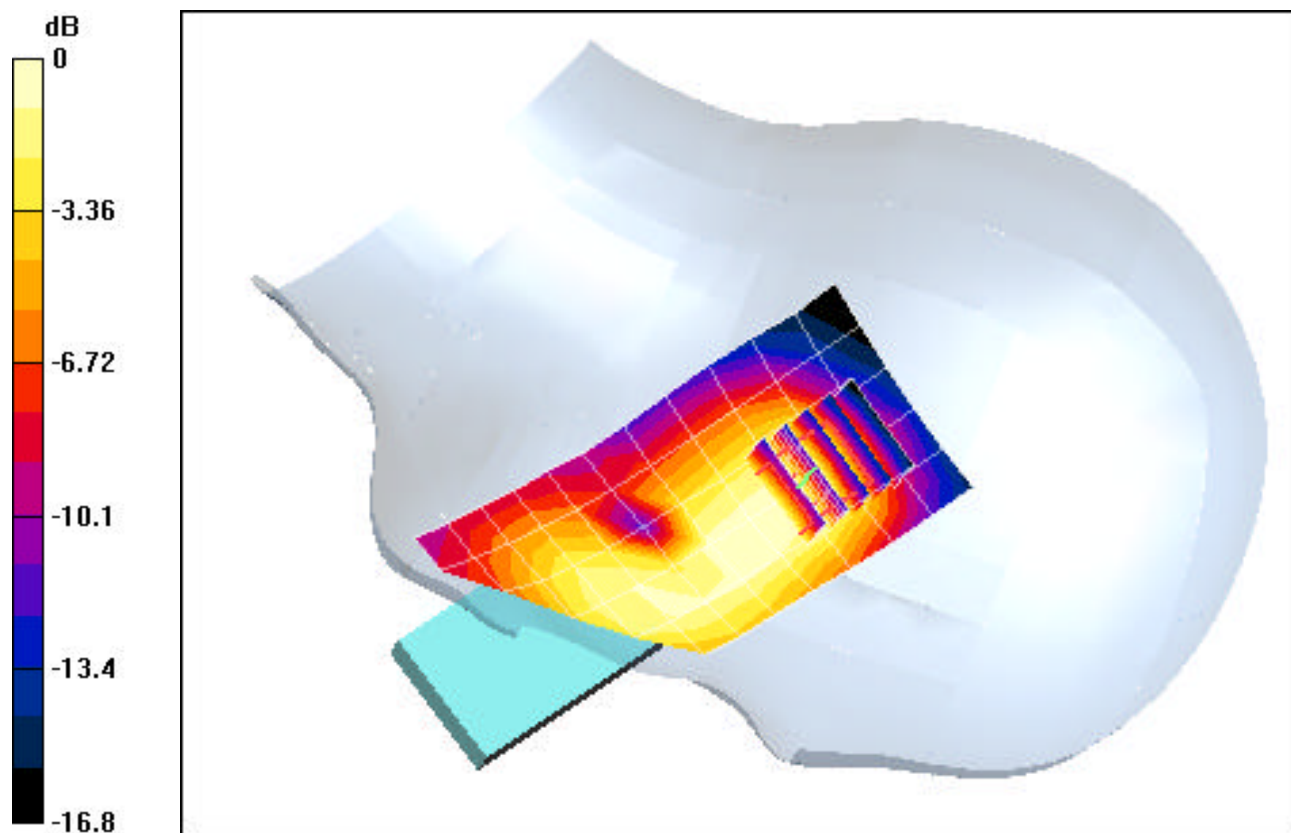
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.34 V/m

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.058 mW/g



0 dB = 0.114mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

Communication System: GSM 850 GPRS; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

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

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10-04-2004; Ambient Temp: 23.0°C; Tissue Temp: 22.4°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

Ch.0251

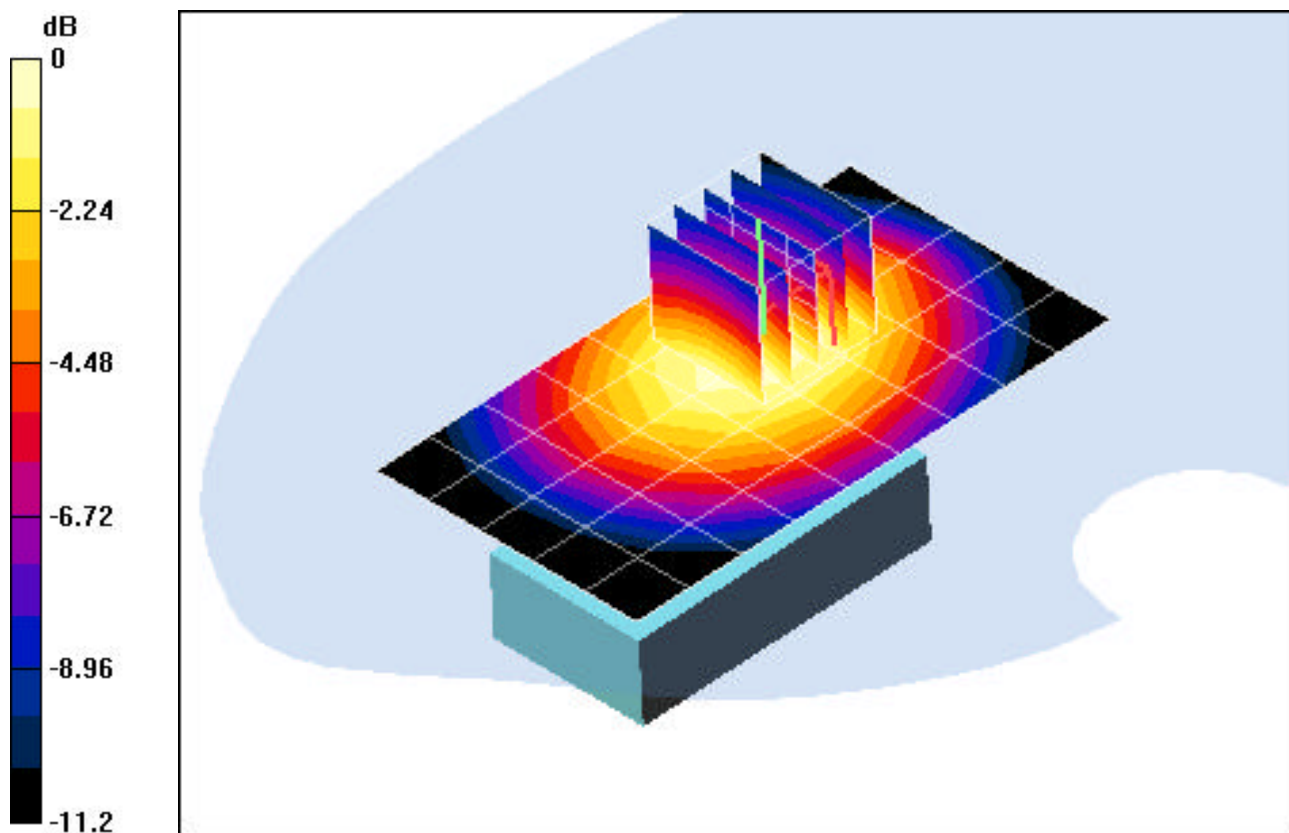
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 36.1 V/m

Peak SAR (extrapolated) = 1.8 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.864 mW/g



0 dB = 1.45mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

Communication System: PCS GSM GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: 1900 Muscle ($\sigma = 1.56$ mho/m, $\epsilon_r = 52.01$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10-04-2004; Ambient Temp: 23.7°C; Tissue Temp: 22.6°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

Ch.0512

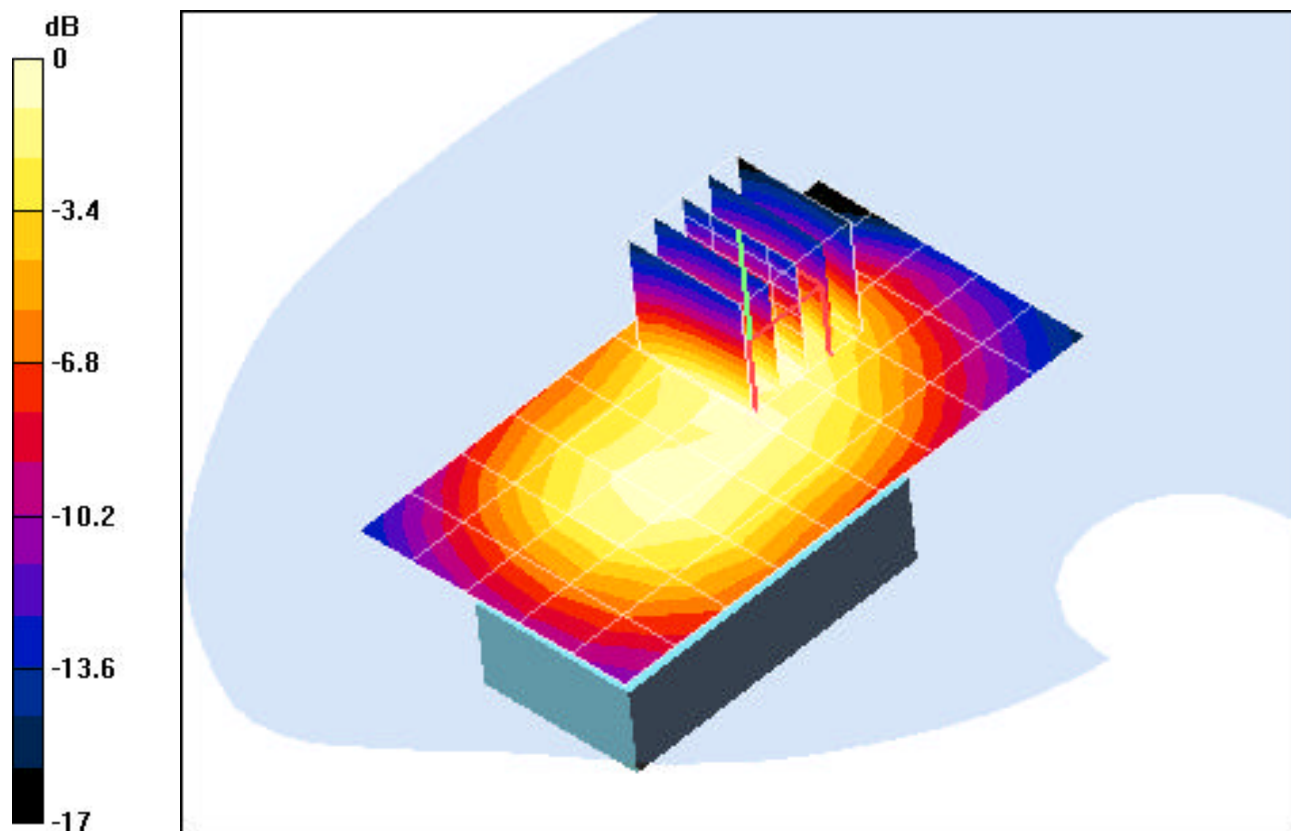
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.3 V/m

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.261 mW/g



0 dB = 0.532mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

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: Left Section

Test Date: 10-04-2004; Ambient Temp: 23.4°C; Tissue Temp: 21.2°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.0251

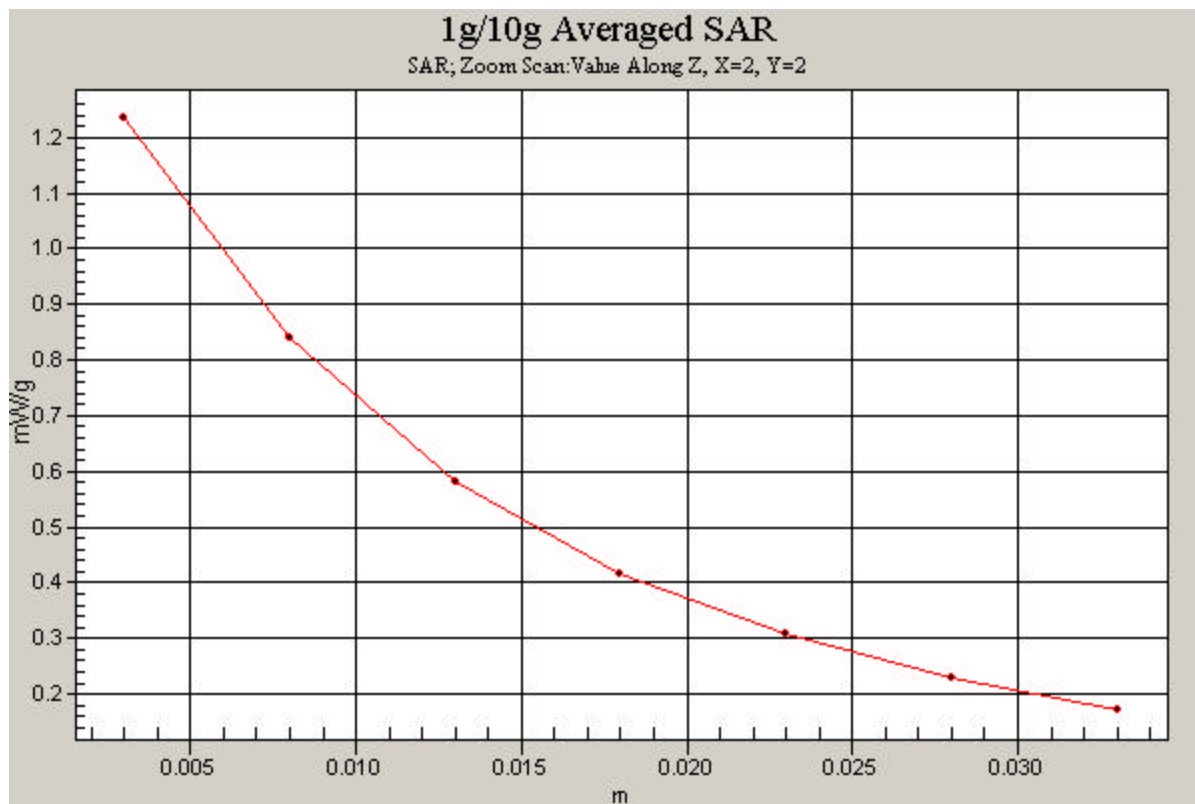
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.5 V/m

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.717 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

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: 10-04-2004; Ambient Temp: 23.5°C; Tissue Temp: 21.4°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.0661

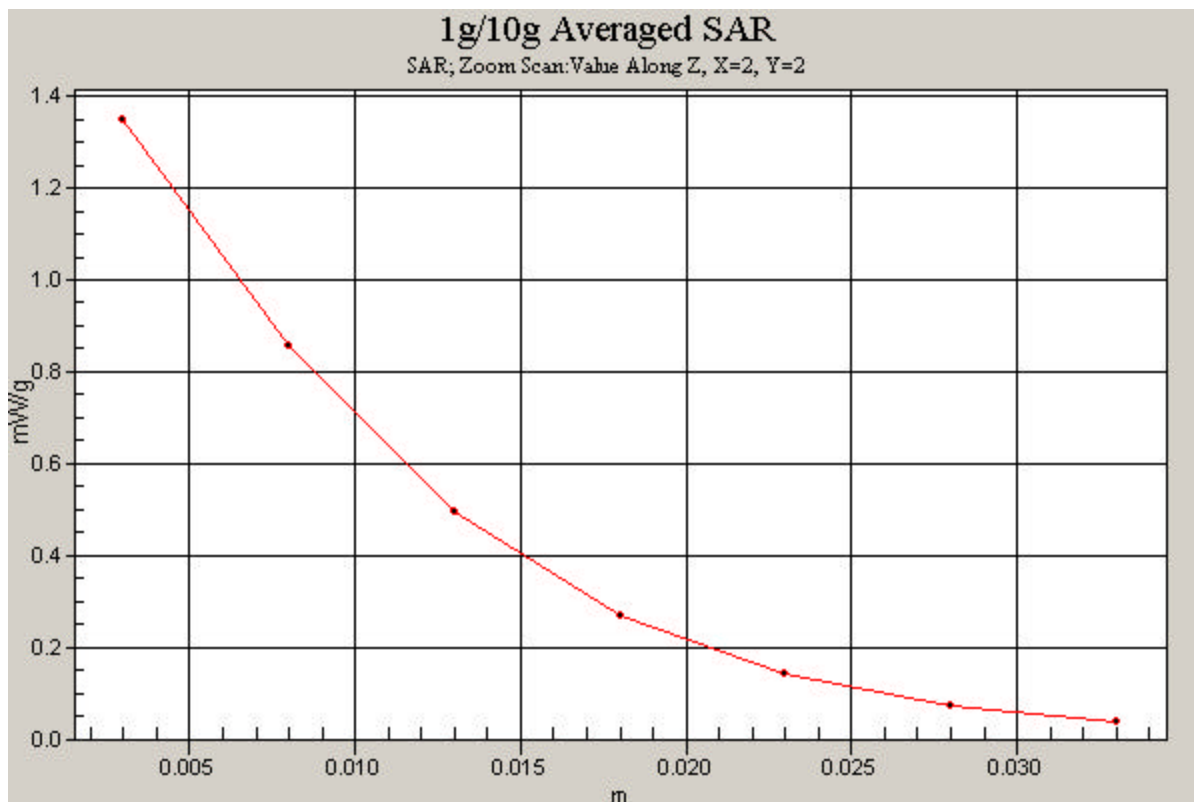
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.09 V/m

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.618 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 33.0 dBm

Communication System: GSM 850 GPRS; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

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

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10-04-2004; Ambient Temp: 23.0°C; Tissue Temp: 22.4°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

Ch.0251

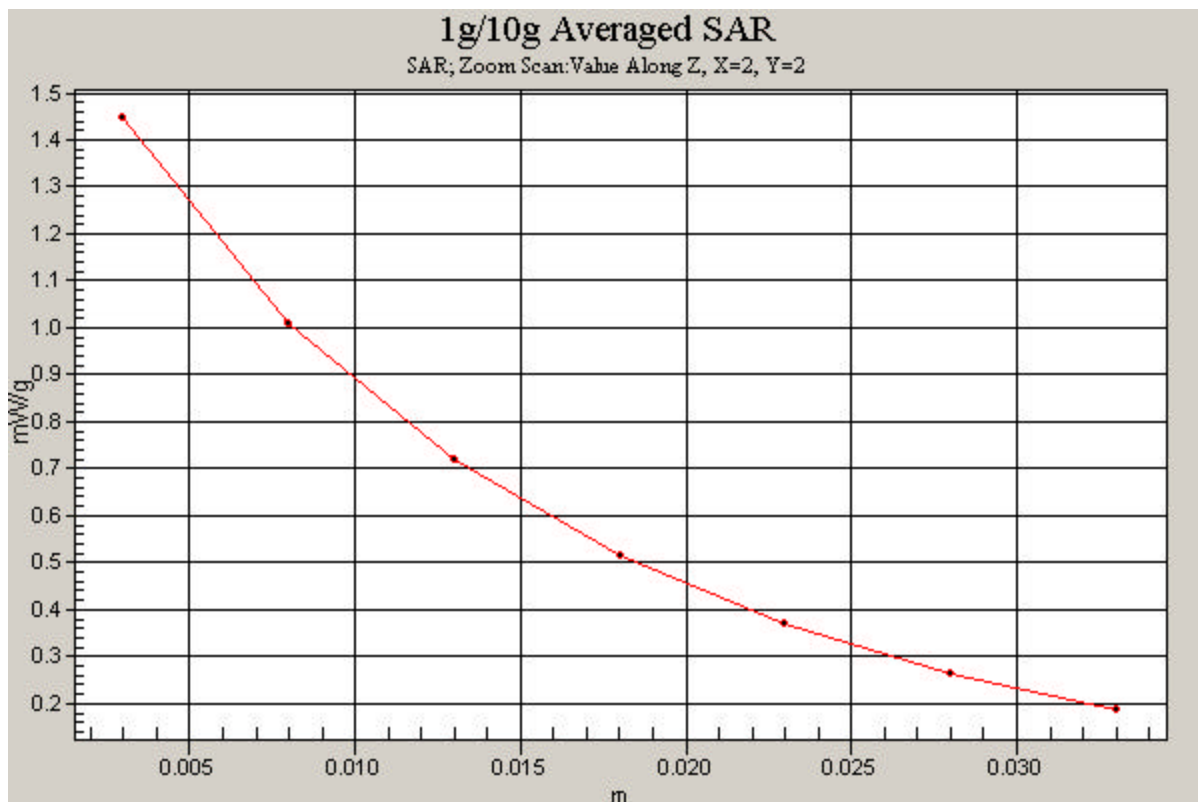
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 36.1 V/m

Peak SAR (extrapolated) = 1.8 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.864 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: C1300; Type: LG Dual Band GSM Phone

Serial: 408KCNP006515-CGR-P40; Conducted Power: 30.0 dBm

Communication System: PCS GSM GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: 1900 Muscle ($\sigma = 1.56$ mho/m, $\epsilon_r = 52.01$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10-04-2004; Ambient Temp: 23.7°C; Tissue Temp: 22.6°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

Ch.0512

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

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

Reference Value = 16.3 V/m

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.261 mW/g

