

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 991; Conducted Power = 24.5dBm.

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.0991, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

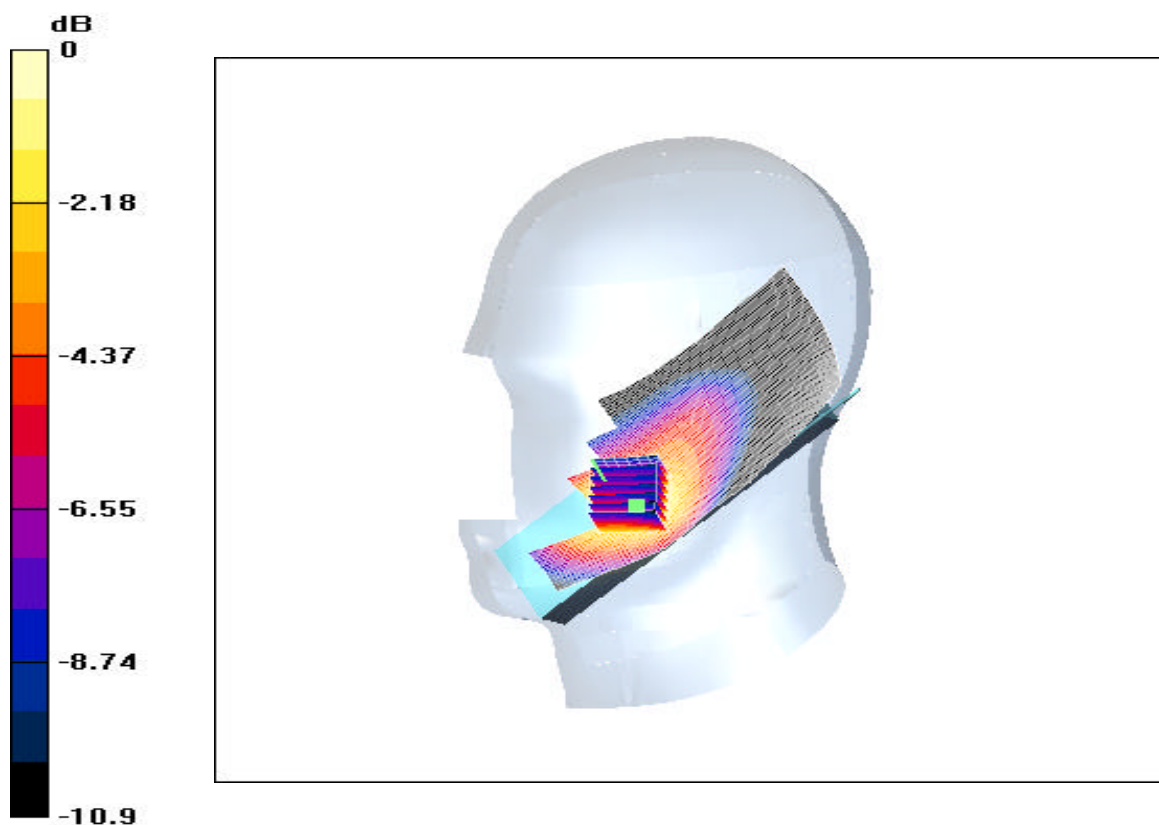
Touch, Ch.0991, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.91 mW/g; SAR(10 g) = 0.579 mW/g

Reference Value = 8.97 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 991; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

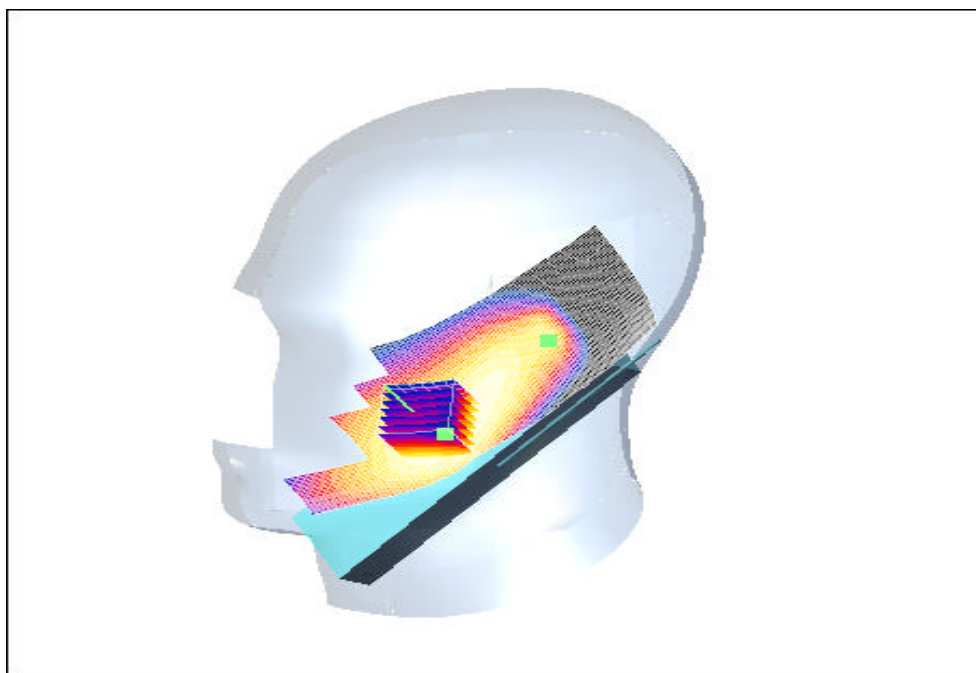
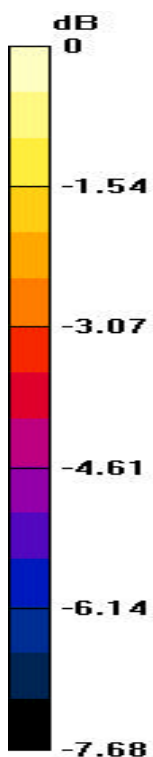
Tilt, Ch.1013, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

Tilt, Ch.1013, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.139 mW/g

Reference Value = 11.4 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 383; Conducted Power = 24.5dBm.

Communication System: AMPS; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.0383, Ant Out, Extended Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

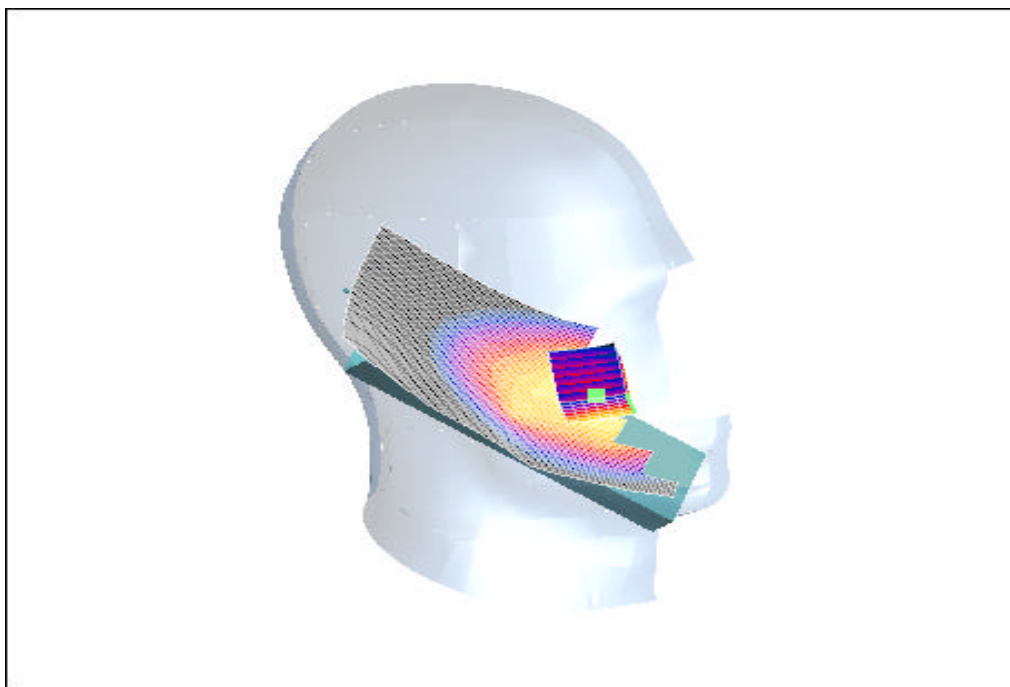
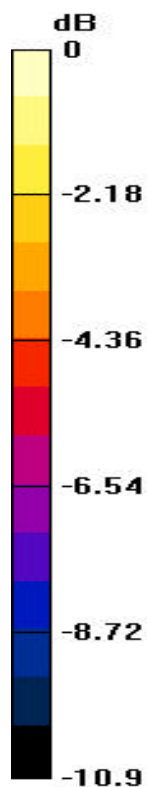
Touch, Ch.0383, Ant Out, Extended Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.486 mW/g

Reference Value = 7.52 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program:SCP-5400; AMPS Mode Ch: 383; Conducted Power = 24.5dBm.

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

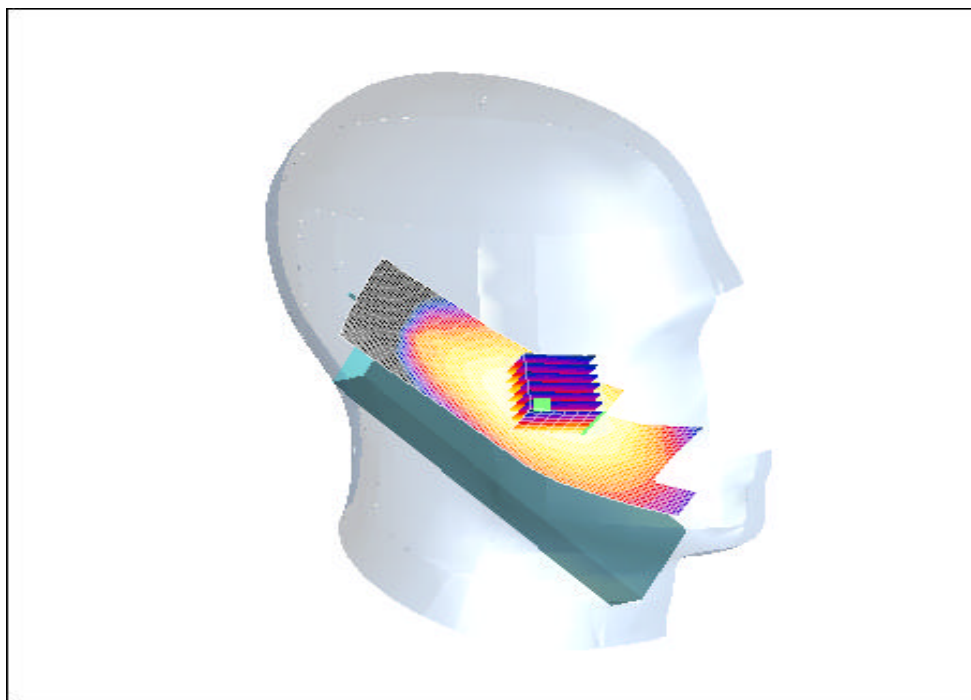
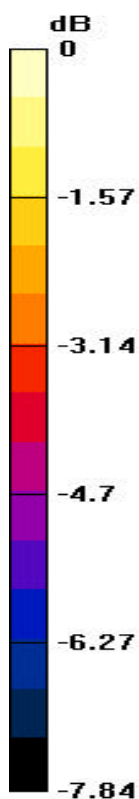
Tilt, Ch.0383, Ant Out, Standard Battery/Area Scan (41x131x1): Measurement grid: dx=15mm,
dy=15mm

Tilt, Ch.0383, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.123 mW/g

Reference Value = 10.2 V/m



0 dB = 0.17mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; CDMA Mode Ch:1013; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.89$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.1013, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

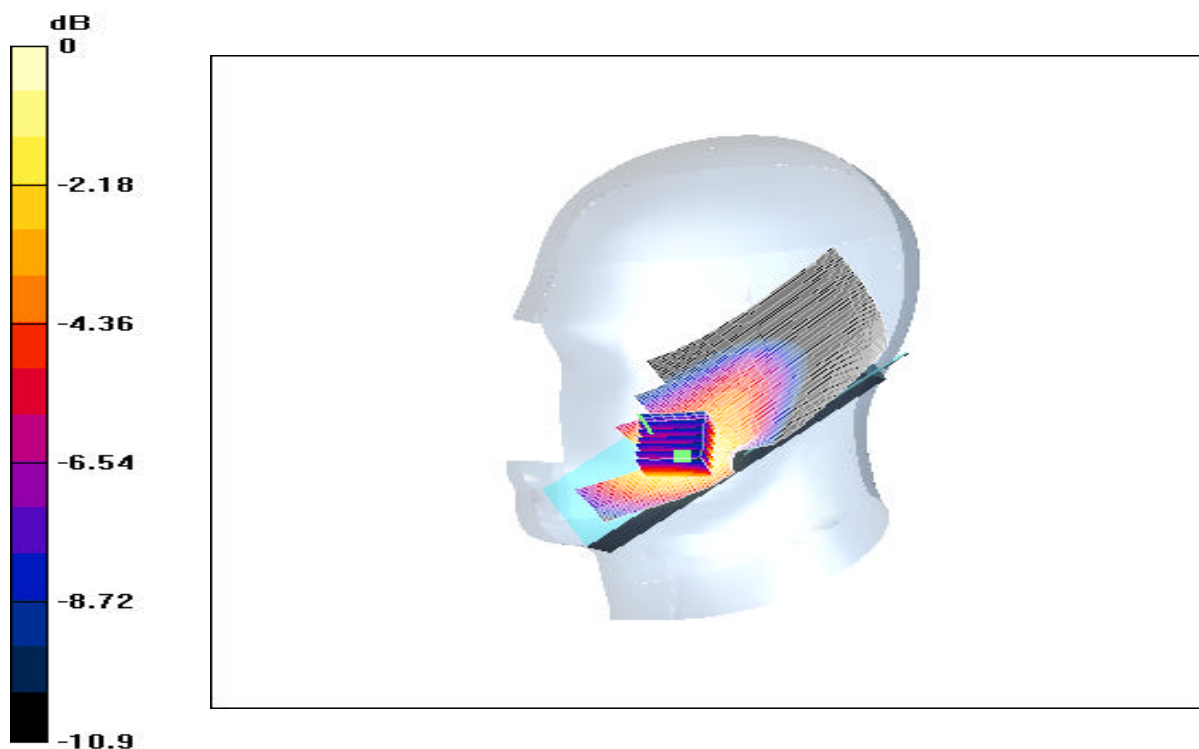
Touch, Ch.1013, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.457 mW/g

Reference Value = 8.2 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; CDMA Mode Ch: 1013; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.89$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

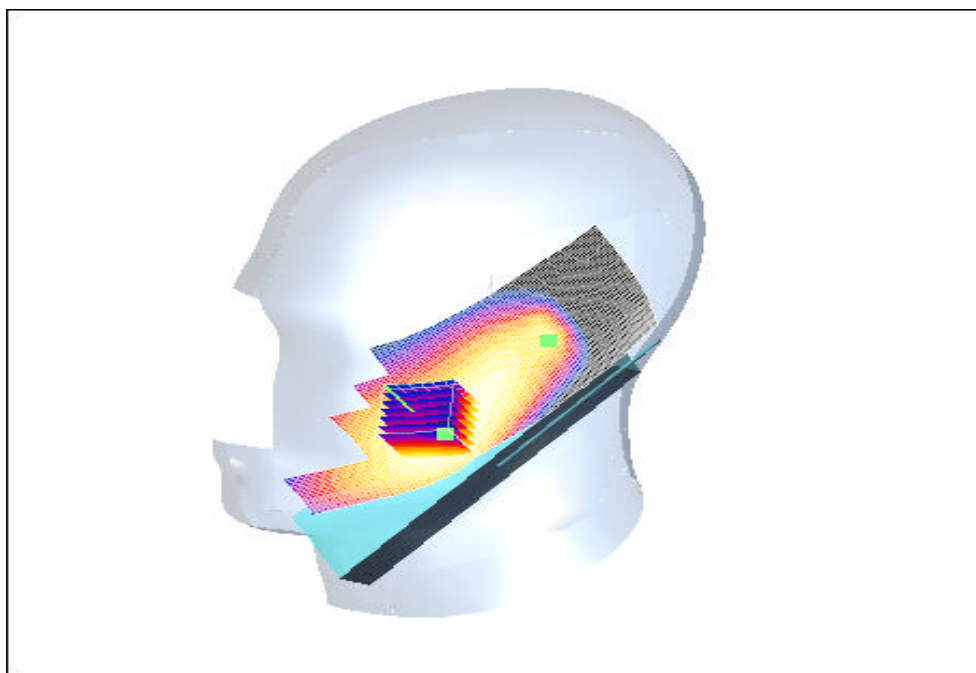
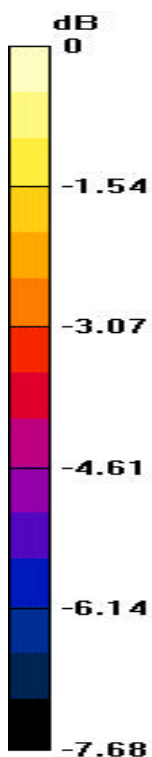
Tilt, Ch.1013, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

Tilt, Ch.1013, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.18 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.104 mW/g

Reference Value = 10.4 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; CDMA Mode Ch: 383; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.89$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.0383, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

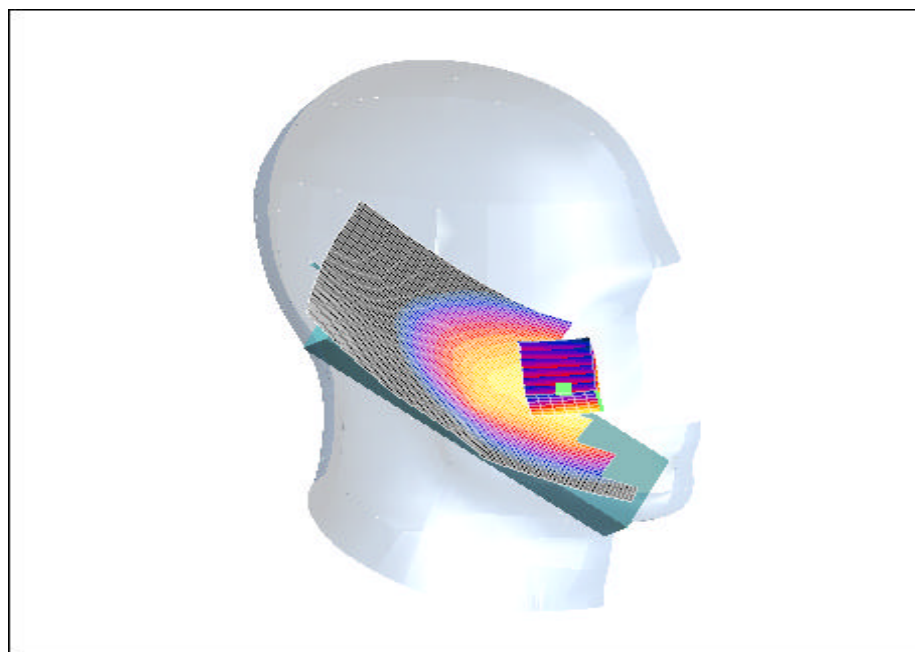
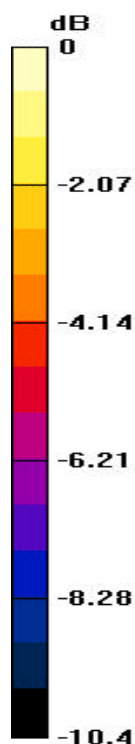
Touch, Ch.0383, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.413 mW/g

Reference Value = 7.58 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; CDMA Mode Ch: 383; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 40.89$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

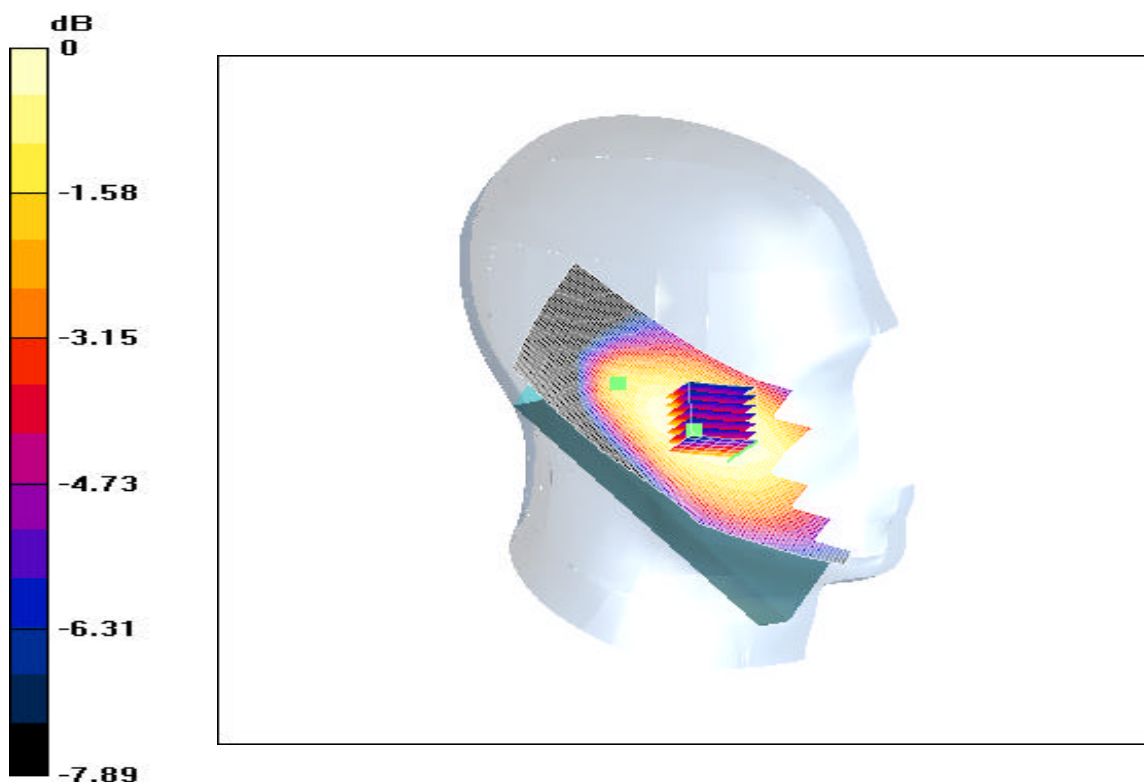
Tilt, Ch.0383, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

Tilt, Ch.0383, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.119 mW/g

Reference Value = 10.5 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

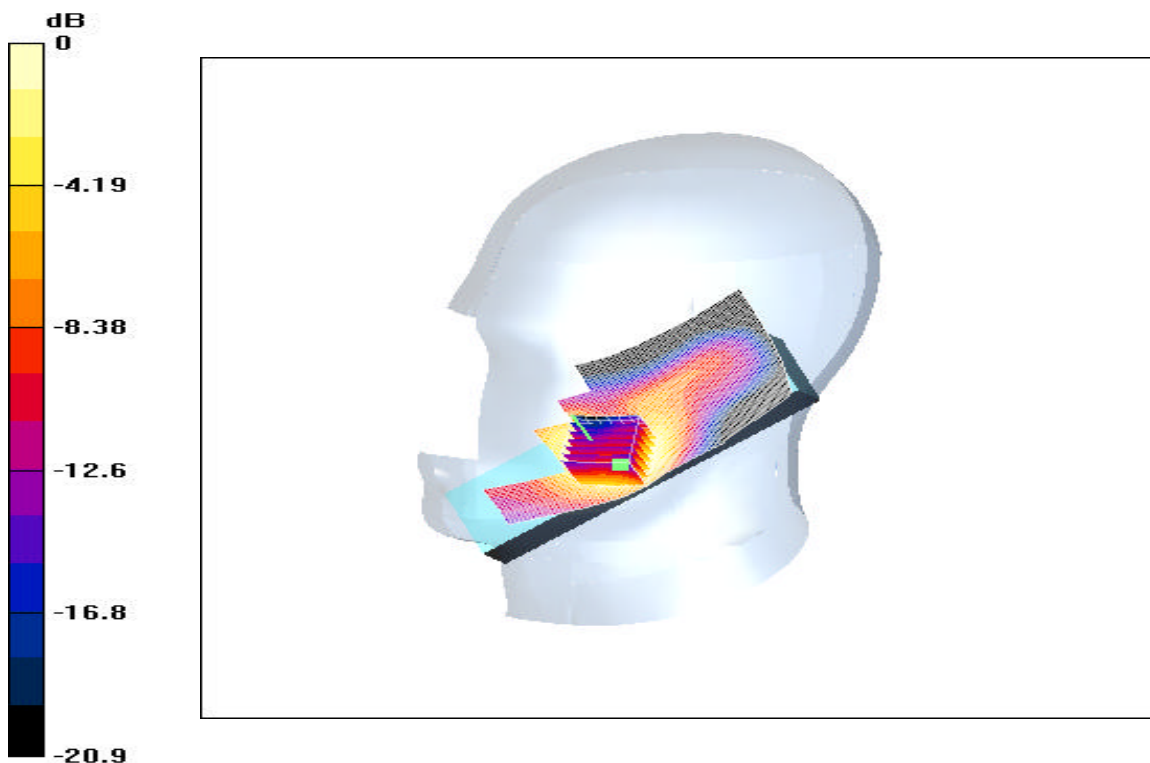
Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Brain ($\sigma = 1.38$ mho/m, $\epsilon_r = 39.1$, $\rho = 1000$ kg/m³)
Phantom section: Right Section

Test Date: 06-10-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(5.4, 5.4, 5.4); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.0600, Ant In, Standard Battery/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Touch, Ch.0600, Ant In, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.625 mW/g
Reference Value = 7.37 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Brain ($\sigma = 1.38$ mho/m, $\epsilon_r = 39.1$, $\rho = 1000$ kg/m³)
Phantom section: Right Section

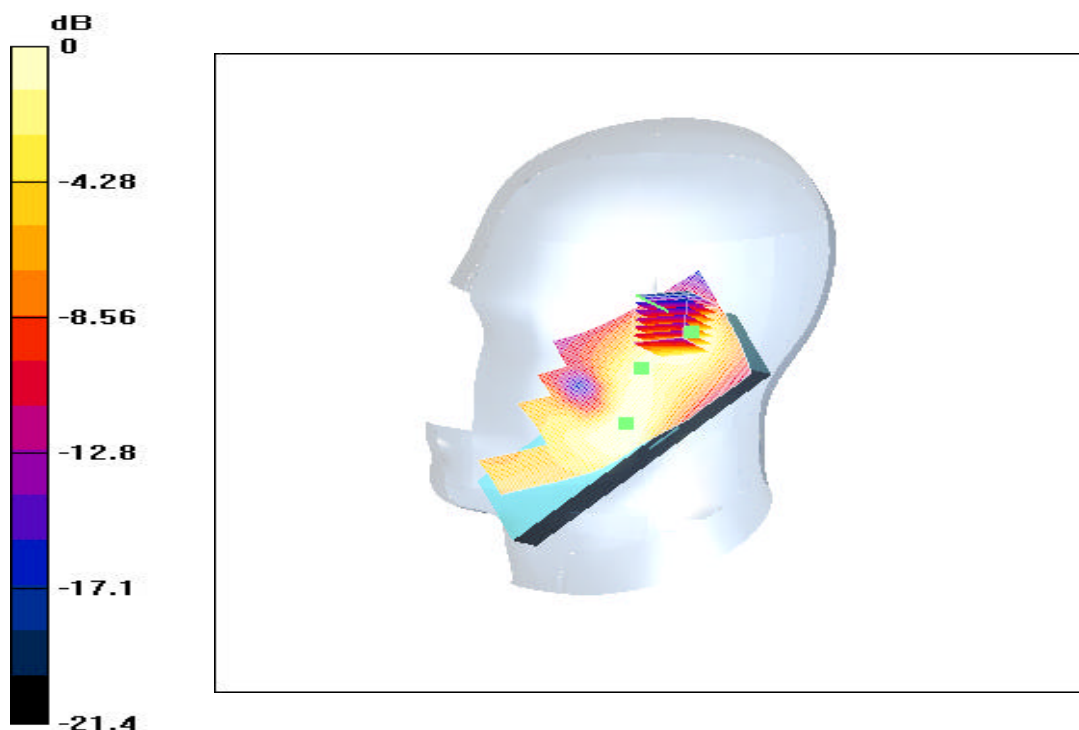
Test Date: 06-10-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(5.4, 5.4, 5.4); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt, Ch.0600, Ant In, Standard Battery/Area Scan (61x121x1): Measurement grid: dx=15mm,
dy=15mm

Tilt, Ch.0600, Ant In, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.0727 mW/g
Reference Value = 9.31 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

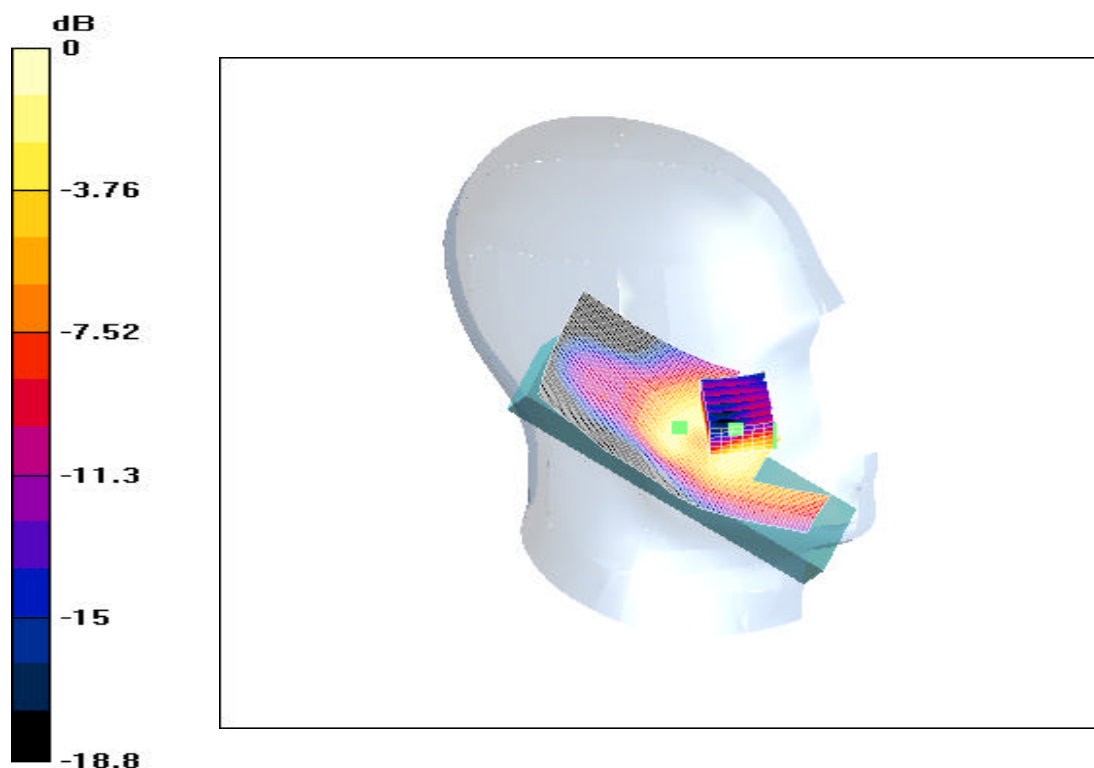
Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Brain ($\sigma = 1.38$ mho/m, $\epsilon_r = 39.1$, $\rho = 1000$ kg/m³)
Phantom section: Left Section

Test Date: 06-10-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(5.4, 5.4, 5.4); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.0600, Ant In, Standard Battery/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Touch, Ch.0600, Ant In, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.476 mW/g
Reference Value = 7.05 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

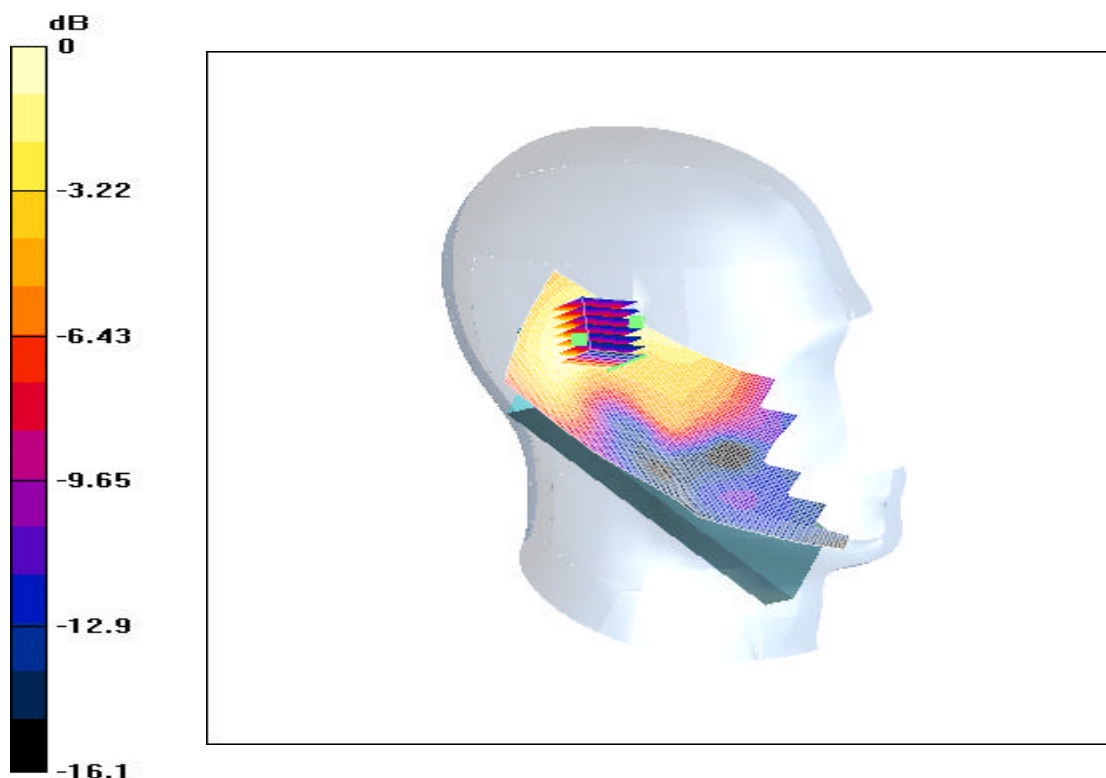
Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Brain ($\sigma = 1.38$ mho/m, $\epsilon_r = 39.1$, $\rho = 1000$ kg/m³)
Phantom section: Left Section

Test Date: 06-10-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(5.4, 5.4, 5.4); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt, Ch.0600, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

Tilt, Ch.0600, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.0625 mW/g
Reference Value = 6.67 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 991; Conducted Power = 24.5dBm.

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1
Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 52.87$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section

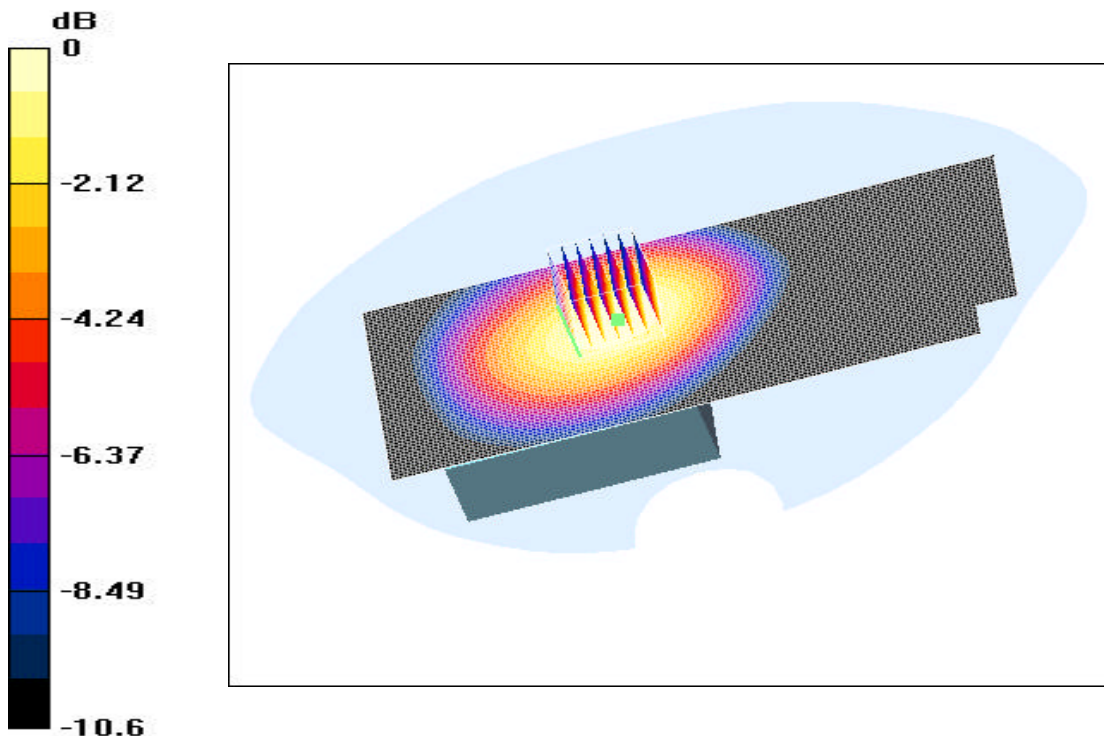
Test Date: 06-12-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ch.0991, Ant Out, Standard Battery/Area Scan (61x151x1): Measurement grid: dx=15mm,
dy=15mm

Ch.0991, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.75 W/kg
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.372 mW/g
Reference Value = 21.1 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; CDMA Mode Ch: 1013; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 824.70 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 52.87$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 06-12-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

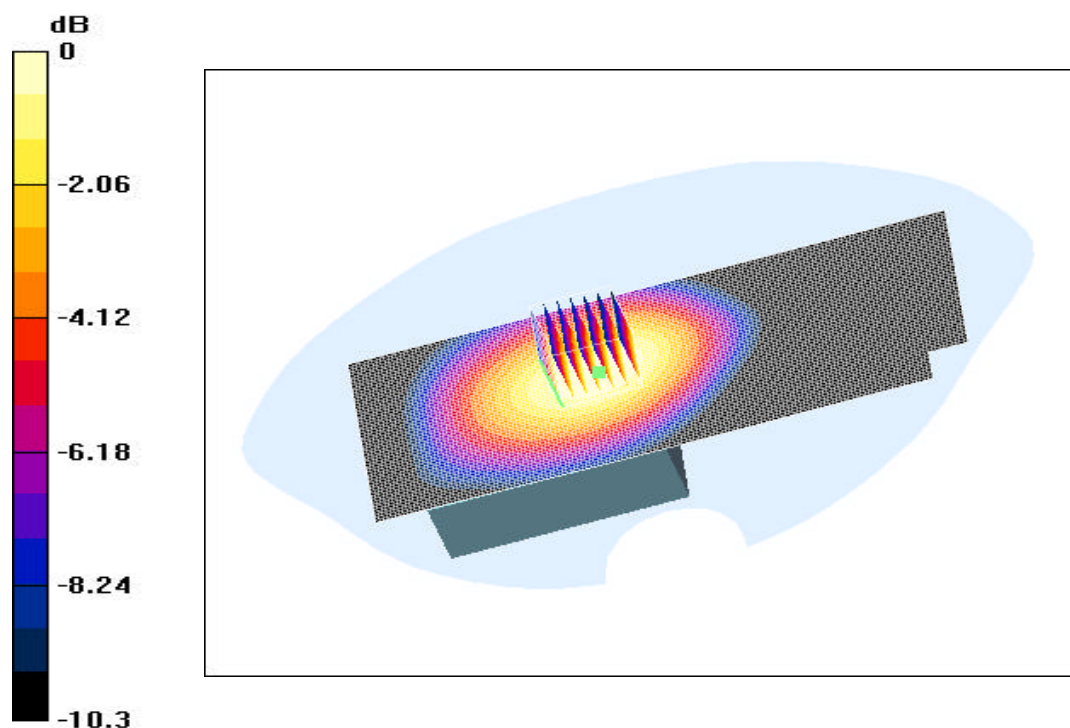
Ch.1013, Ant Out, Standard Battery/Area Scan (61x151x1): Measurement grid: dx=15mm,
dy=15mm

Ch.1013, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.3 mW/g

Reference Value = 20.3 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 53.92$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section

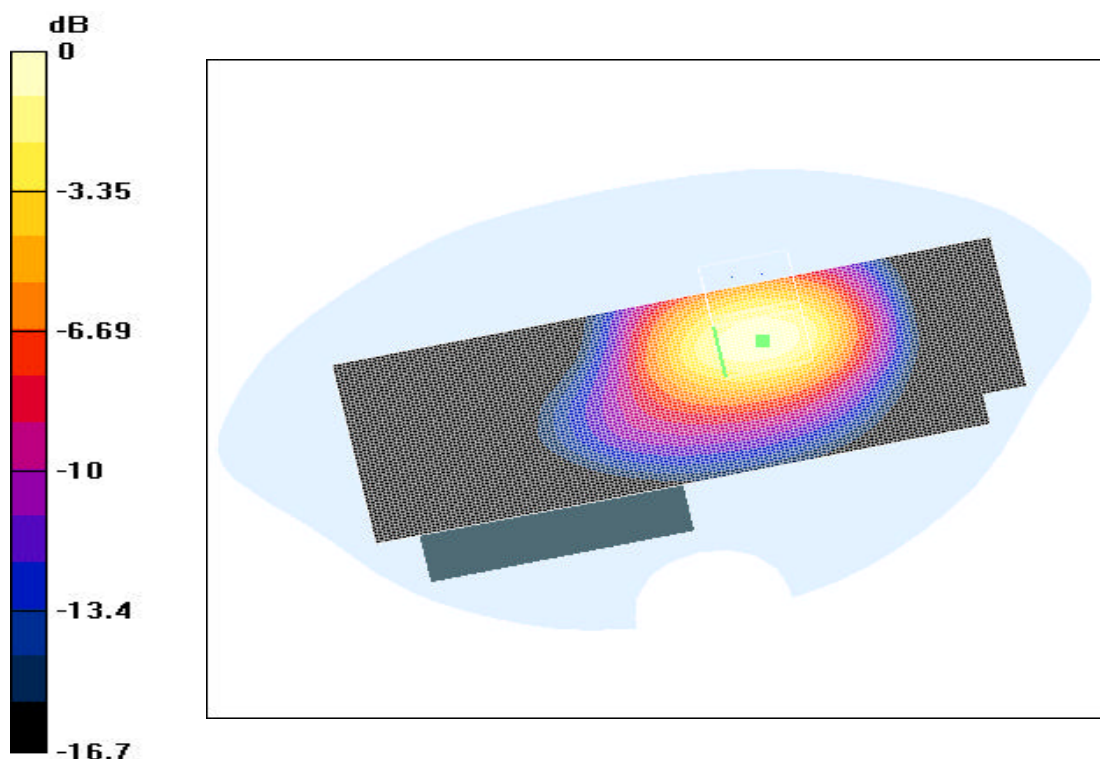
Test Date: 06-12-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(4.9, 4.9, 4.9); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ch.0600, Ant Out, Standard Battery/Area Scan (61x151x1): Measurement grid: dx=15mm,
dy=15mm

Ch.0600, Ant Out, Standard Battery/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.503 mW/g
Reference Value = 11.5 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 991; Conducted Power = 24.5dBm.

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 52.9$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 06-16-2003; Ambient Temp: 23.2°C; Tissue Temp: 20.4°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

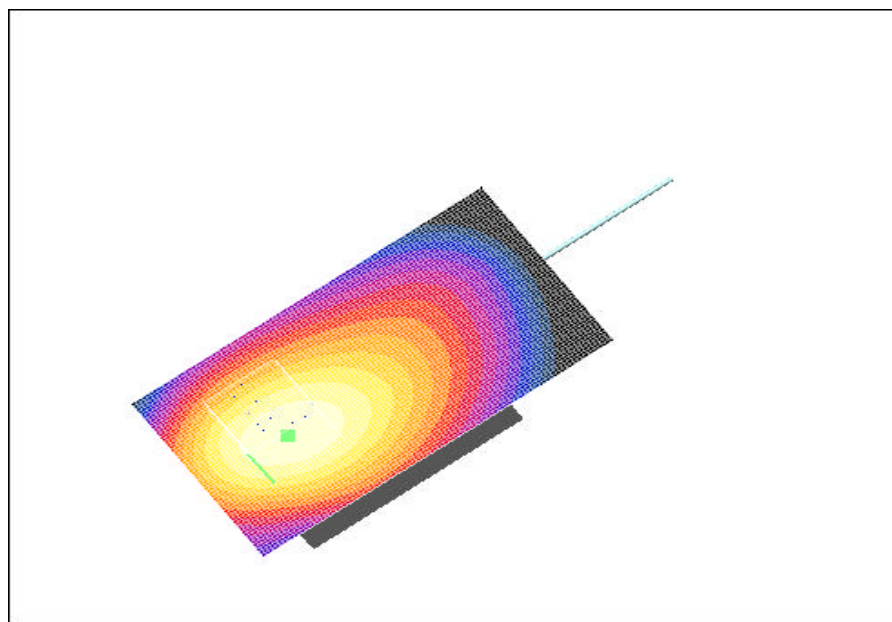
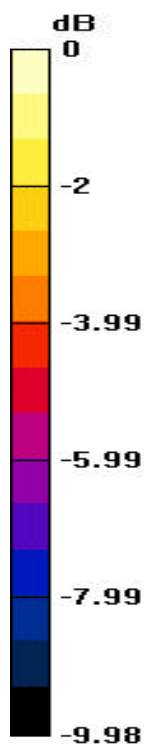
AMPS Face Out, PTT, Flip Open/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

AMPS Face Out, PTT, Flip Open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.152 mW/g

Reference Value = 12.8 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP5400; AMPS Mode Ch: 991; Conducted Power = 24.5dBm.

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 52.9$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 06-16-2003; Ambient Temp: 23.2°C; Tissue Temp: 20.4°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

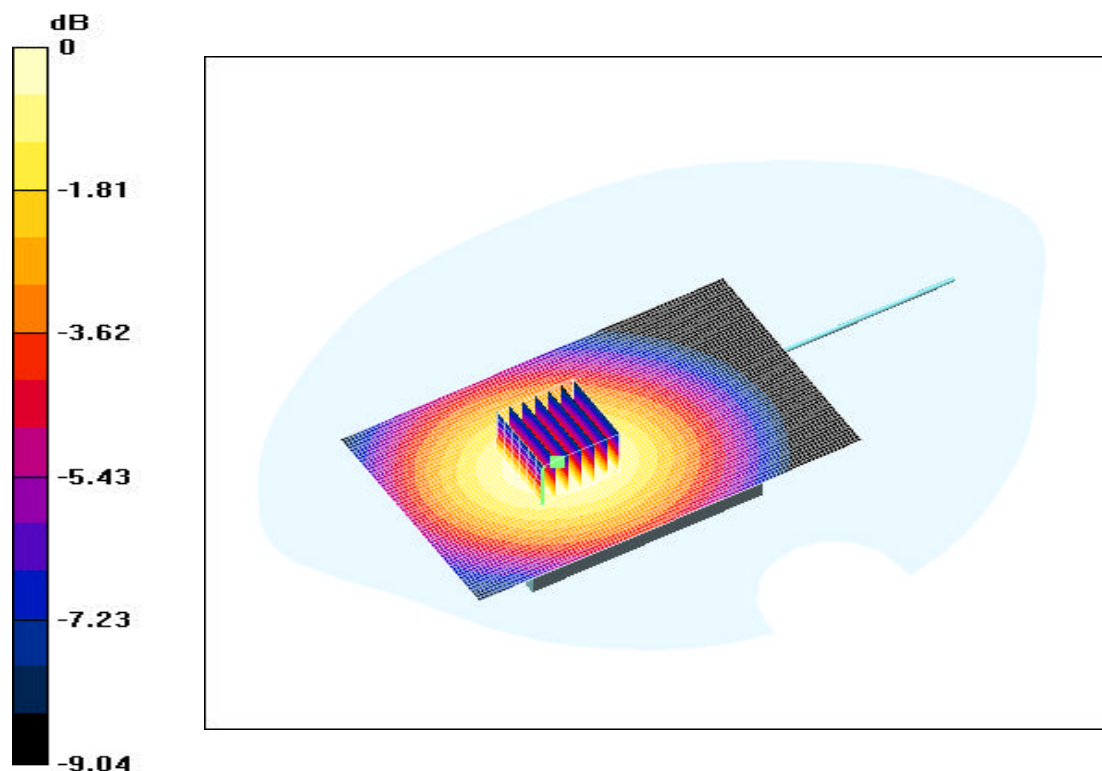
AMPS Face Out, PTT, Flip Close/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

AMPS Face Out, PTT, Flip Close/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.186 mW/g

Reference Value = 10.9 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP5400; CDMA Mode Ch: 383; Conducted Power = 24.0dBm.

Communication System: Cellular CDMA; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 52.9$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 06-16-2003; Ambient Temp: 23.2°C; Tissue Temp: 20.7°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

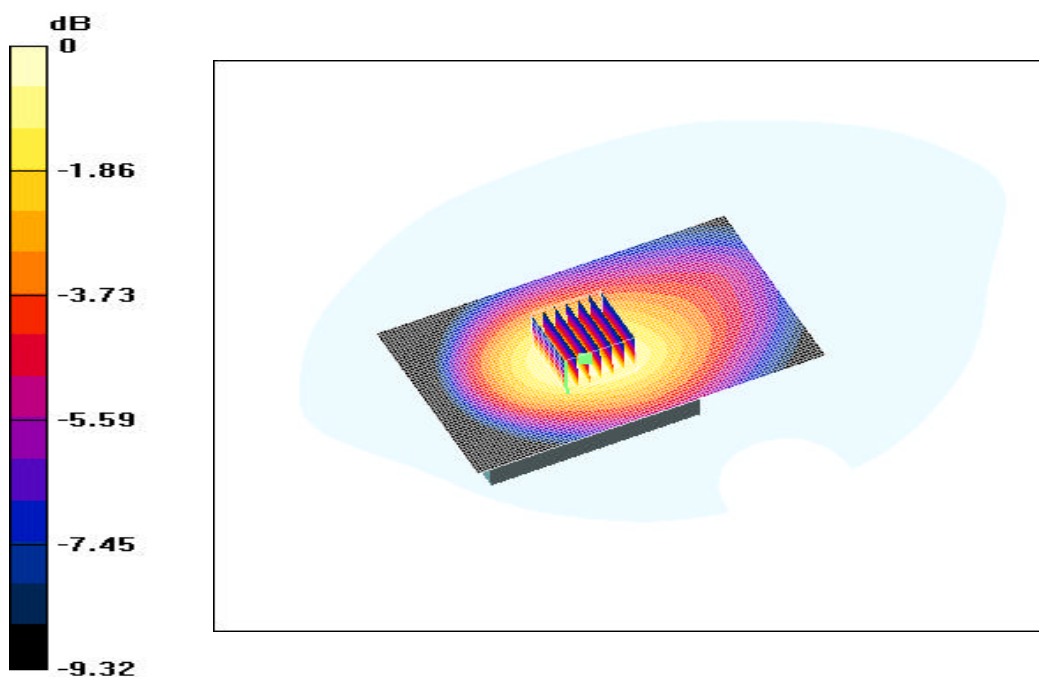
CDMA Face IN, PTT, Flip Open/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

CDMA Face IN, PTT, Flip Open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.15 mW/g

Reference Value = 11.3 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP5400; CDMA Mode Ch: 383; Conducted Power = 24.5dBm.

Communication System: Cellular CDMA; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.99$ mho/m, $\epsilon_r = 52.9$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 06-16-2003; Ambient Temp: 23.2°C; Tissue Temp: 20.7°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

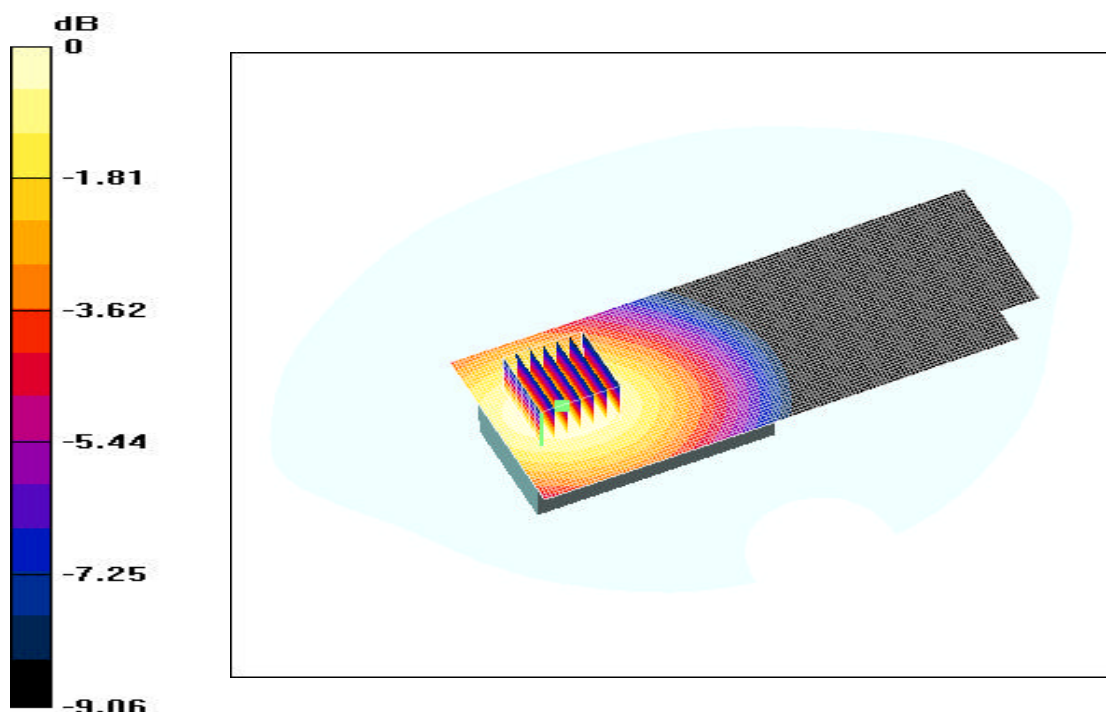
CDMA Face Out, PTT ,Flip Close/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

CDMA Face Out, PTT ,Flip Close/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.188 mW/g

Reference Value = 10.5 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Muscle ($\sigma = 1.46$ mho/m, $\epsilon_r = 51.59$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section

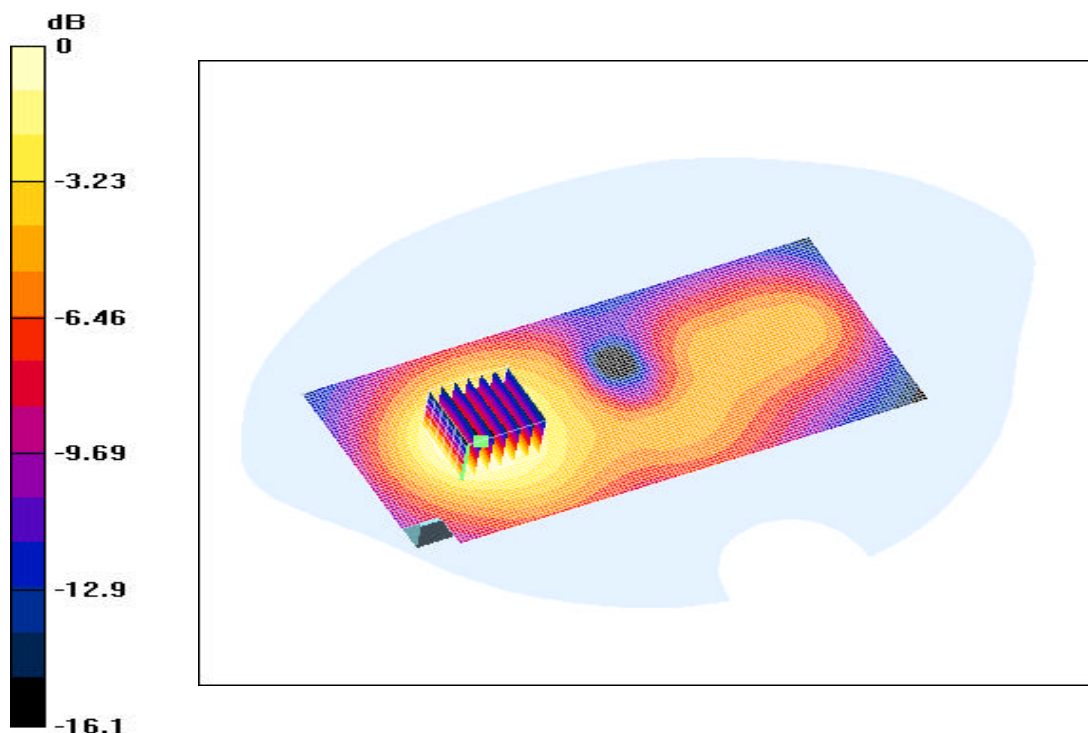
Test Date: 06-18-2003; Ambient Temp: 23.4°C; Tissue Temp: 20.4°C

Probe: ET3DV6 - SN1560; ConvF(4.9, 4.9, 4.9); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PCS Face In, PTT. Flip Open/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

PCS Face In, PTT. Flip Open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm

Peak SAR (extrapolated) = 0.313 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.114 mW/g
Reference Value = 4.82 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP5400; PCS Mode Ch: 600; Conducted Power = 24.0dBm.

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Muscle ($\sigma = 1.46$ mho/m, $\epsilon_r = 51.59$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section

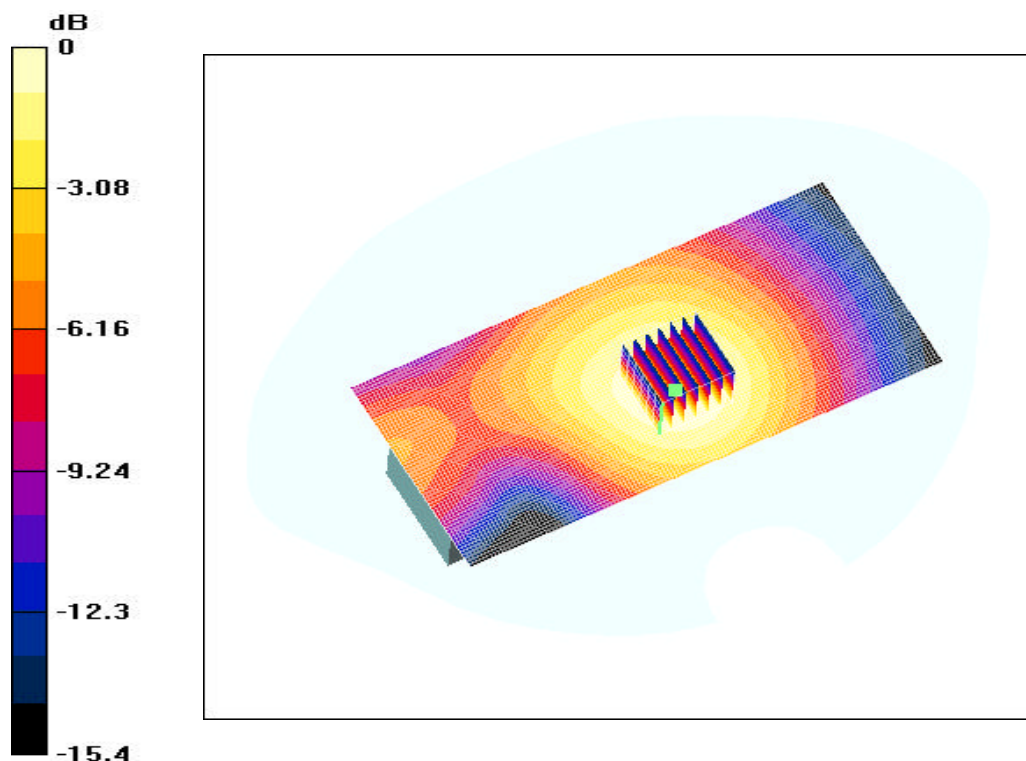
Test Date: 06-18-2003; Ambient Temp: 23.4°C; Tissue Temp: 20.4°C

Probe: ET3DV6 - SN1560; ConvF(4.9, 4.9, 4.9); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PCS FACE Out, PTT, Flip Close/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

PCS FACE Out, PTT, Flip Close/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.118 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0 dBm

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Muscle ($\sigma = 1.58$ mho/m, $\epsilon_r = 53.92$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section

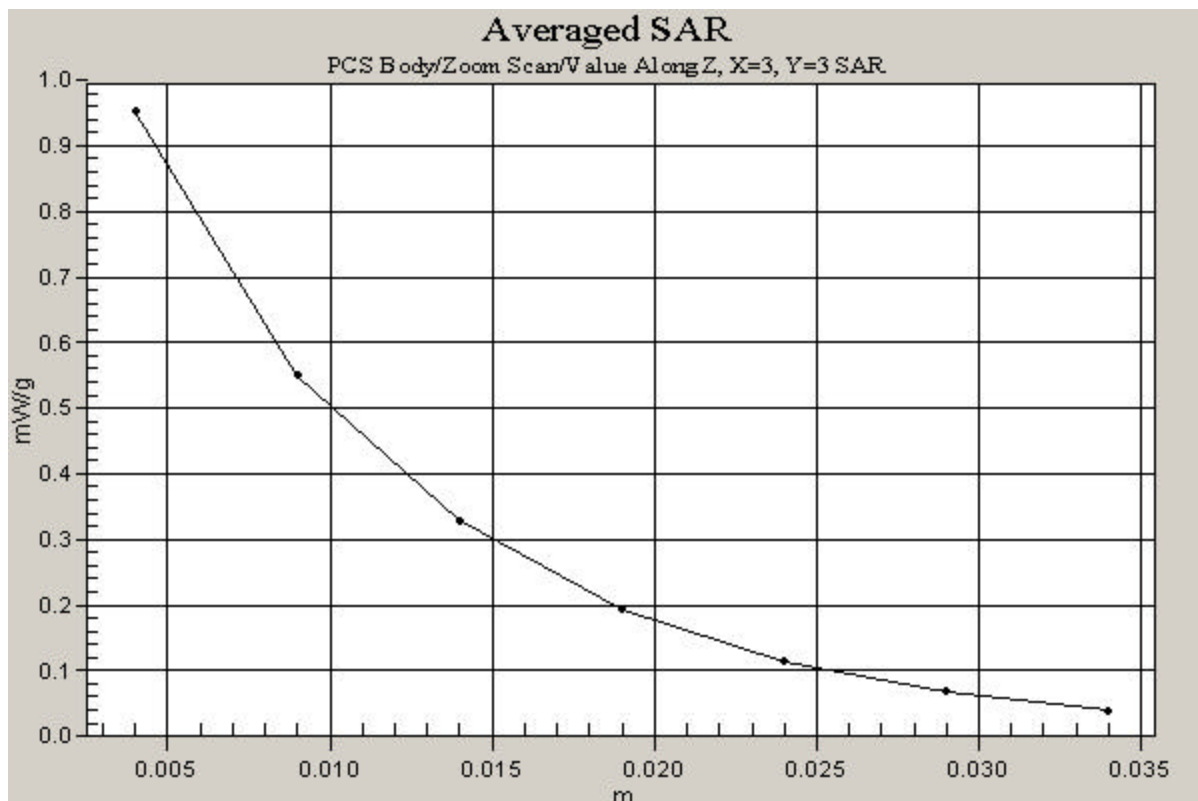
Test Date: 06-12-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(4.9, 4.9, 4.9); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ch.0600, Ant Out, Standard Battery/Area Scan (61x151x1): Measurement grid: dx=15mm,
dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.503 mW/g
Reference Value = 11.5 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 991; Conducted Power = 24.5 dBm

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.93$ mho/m, $\epsilon_r = 40.78$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 06-09-2003; Ambient Temp: 22.9°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.9, 6.9, 6.9); Calibrated: 9/27/2002

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

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

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

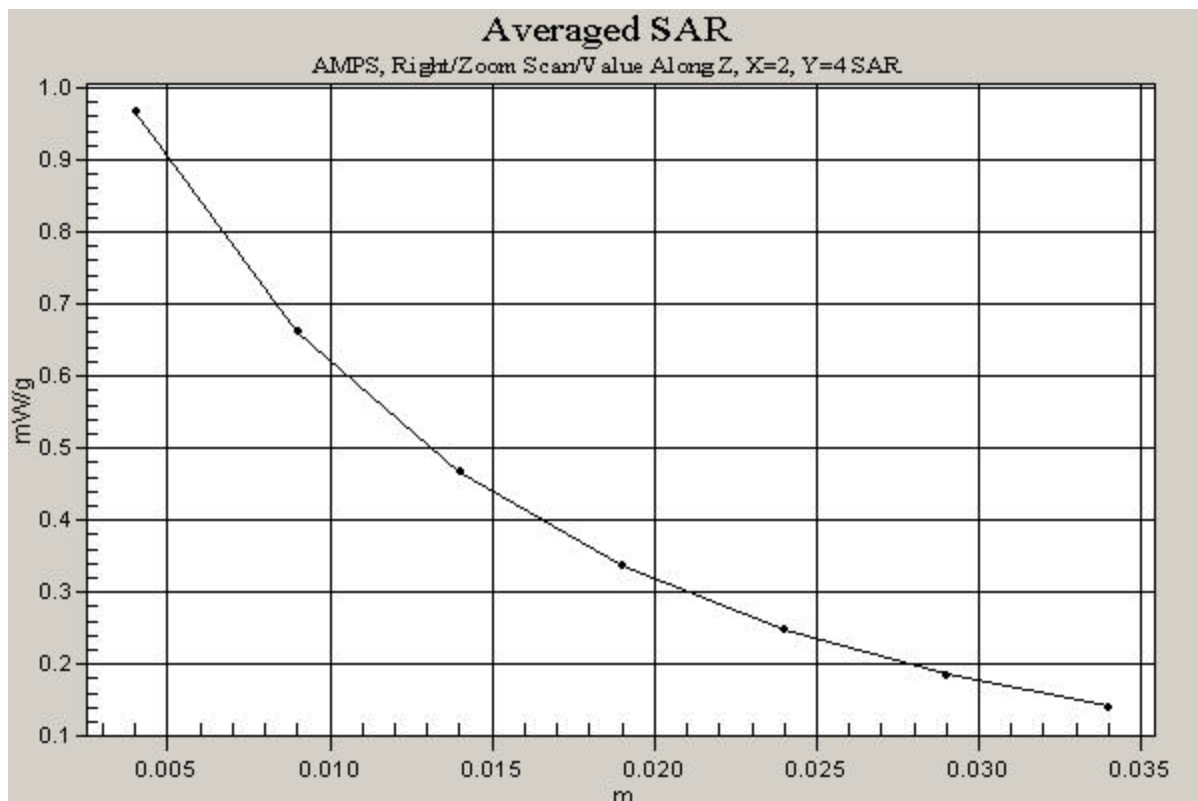
Touch, Ch.0991, Ant Out, Standard Battery/Area Scan (61x141x1): Measurement grid: dx=15mm,
dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.91 mW/g; SAR(10 g) = 0.579 mW/g

Reference Value = 8.97 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; AMPS Mode Ch: 991; Conducted Power = 24.5 dBm

Communication System: AMPS; Frequency: 824.04 MHz; Duty Cycle: 1:1
Medium: 835 Muscle ($\sigma = 0.98$ mho/m, $\epsilon_r = 52.87$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section

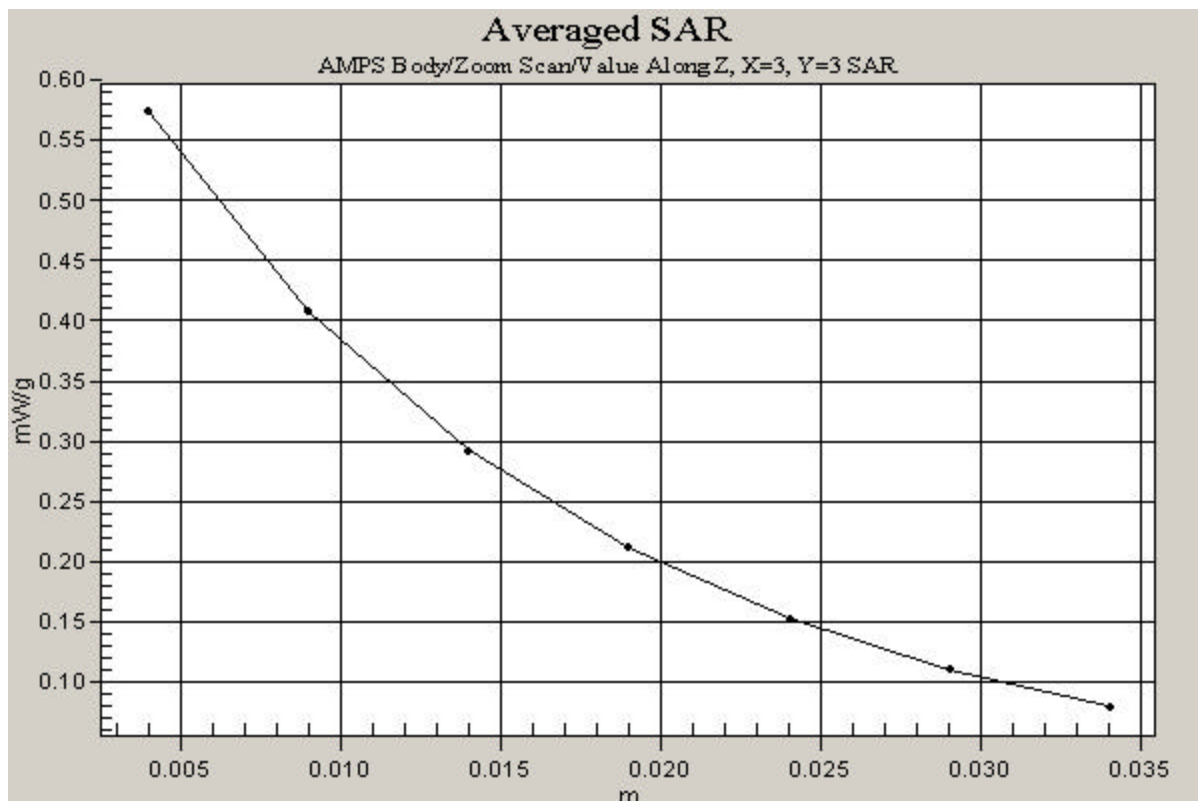
Test Date: 06-12-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.3°C

Probe: ET3DV6 - SN1560; ConvF(6.6, 6.6, 6.6); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ch.0991, Ant Out, Standard Battery/Area Scan (61x151x1): Measurement grid: dx=15mm,
dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.75 W/kg
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.372 mW/g
Reference Value = 21.1 V/m



PCTEST ENGINEERING LABORATORY, INC.

DUT: SCP-5400; Type: Sanyo Tri Mode Phone; Serial: FCC 1
Program: SCP-5400; PCS Mode Ch: 600; Conducted Power = 24.0 dBm

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 Brain ($\sigma = 1.38$ mho/m, $\epsilon_r = 39.1$, $\rho = 1000$ kg/m³)
Phantom section: Right Section

Test Date: 06-10-2003; Ambient Temp: 22.7°C; Tissue Temp: 20.1°C

Probe: ET3DV6 - SN1560; ConvF(5.4, 5.4, 5.4); Calibrated: 9/27/2002
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Electronics: DAE3 SN330; Calibrated: 12/1/2002
Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch, Ch.0600, Ant In, Standard Battery/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.625 mW/g
Reference Value = 7.37 V/m

