

Test Report Serial No.:	082205O8F-T664-S24C	Rev. No.:	Revision 1
Date of Report Issue:	Sept. 09, 2005	Test Date(s):	August 22-25 & 30, 2005
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

APPENDIX A - SAR MEASUREMENT DATA

Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band CDMA 2000 Phone with Bluetooth				Freq.:	1851.25-1908.75 / 824.70-848.31 MHz		
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Date Tested: 08/23/2005

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Channel 384

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 23.8 dBm (Conducted)
Frequency: 836.52 MHz; Channel 384; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Mid Channel/Area Scan (7x11x1):

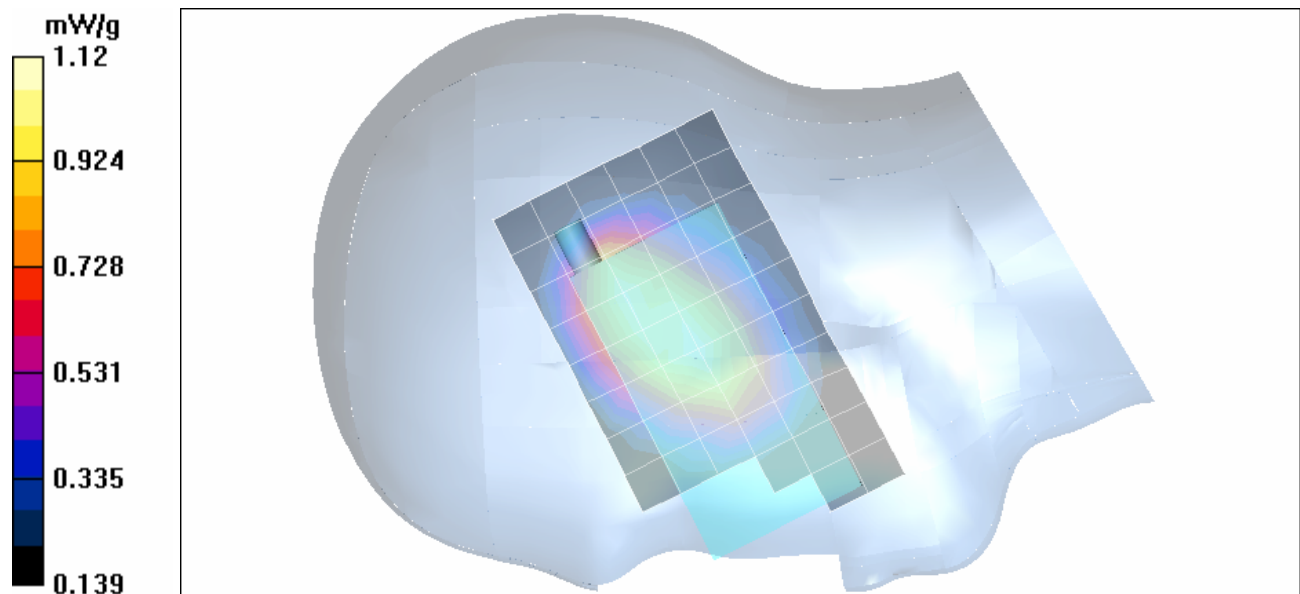
Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Mid Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = 0.0783 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.784 mW/g

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Mid Channel/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = 0.0783 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.734 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Channel 1013

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

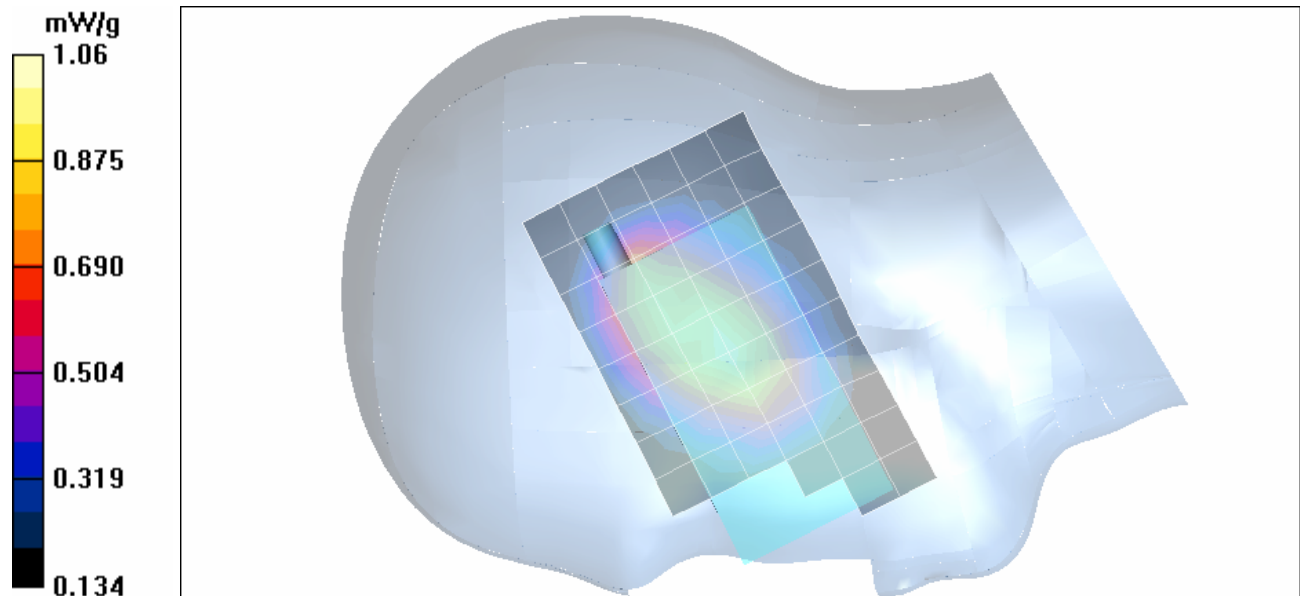
Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 824.70 MHz; Channel 1013; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Low Channel/Area Scan (7x11x1):
Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Low Channel/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = 0.296 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.739 mW/g

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Low Channel/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = 0.296 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.942 mW/g; SAR(10 g) = 0.611 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - Channel 777

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 848.31 MHz; Channel 777; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - High Channel/Area Scan (7x11x1):

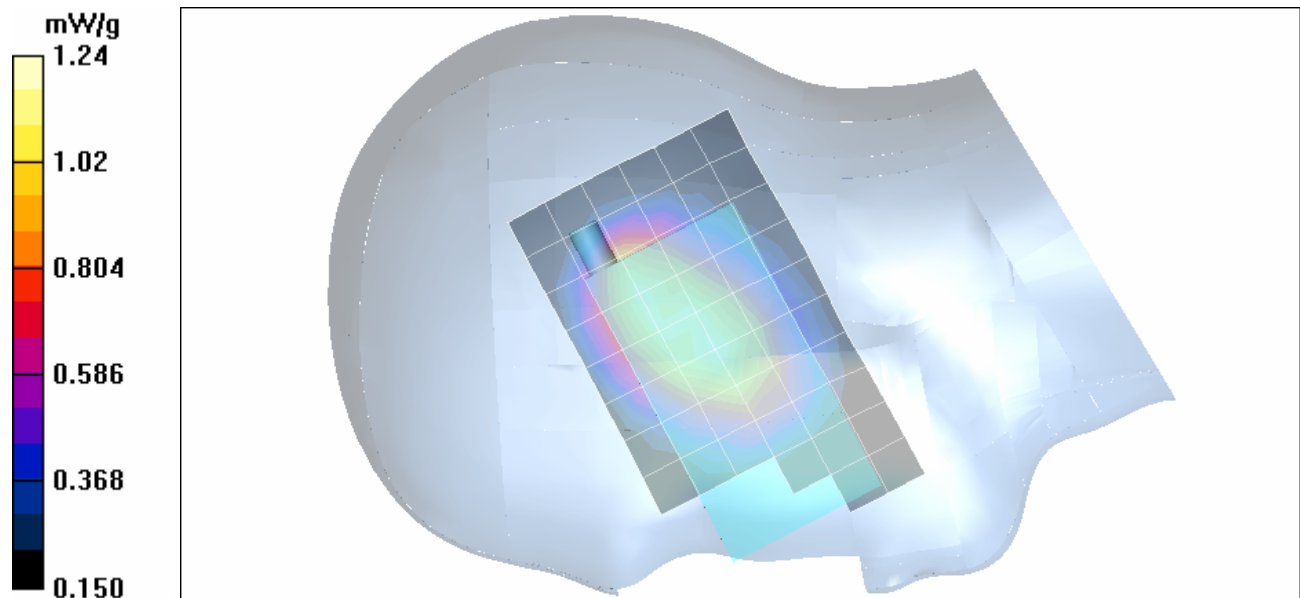
Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.6 V/m; Power Drift = -0.0870 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.849 mW/g

Head SAR - Cellular Band - Right Ear - Cheek/Touch Position - High Channel/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.6 V/m; Power Drift = -0.0870 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.817 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Channel 384

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 23.8 dBm (Conducted)
Frequency: 836.52 MHz; Channel 384; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

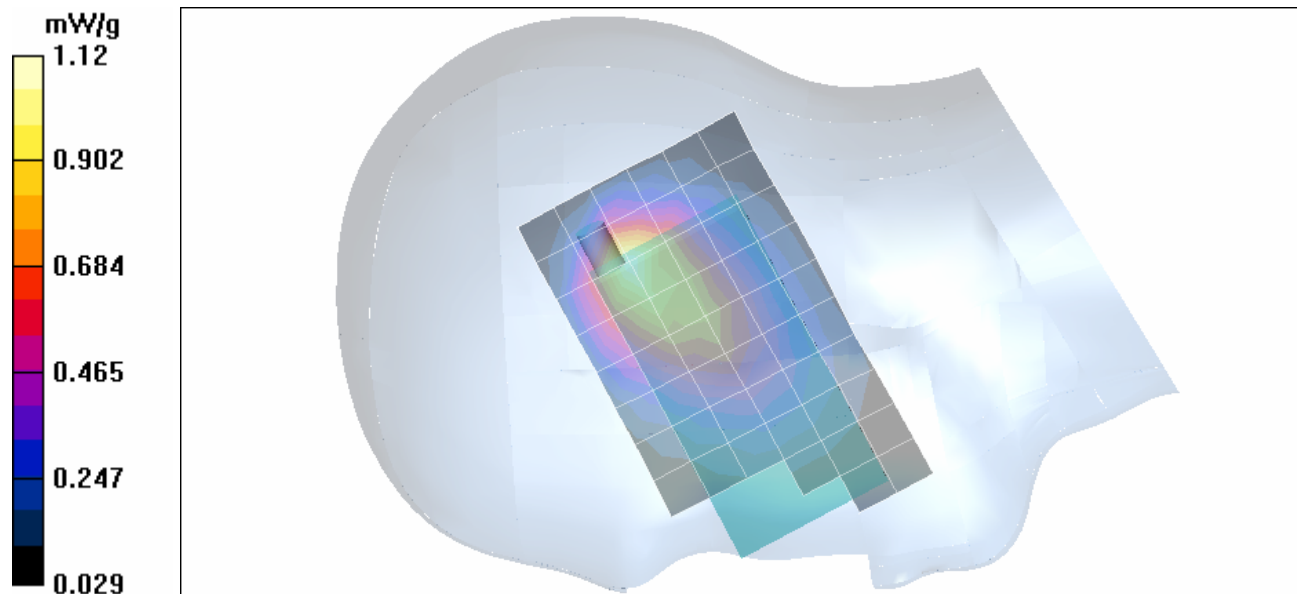
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Mid Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Mid Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = 0.0403 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.657 mW/g



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Date Tested: 08/23/2005

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Channel 1013

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 824.70 MHz; Channel 1013; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

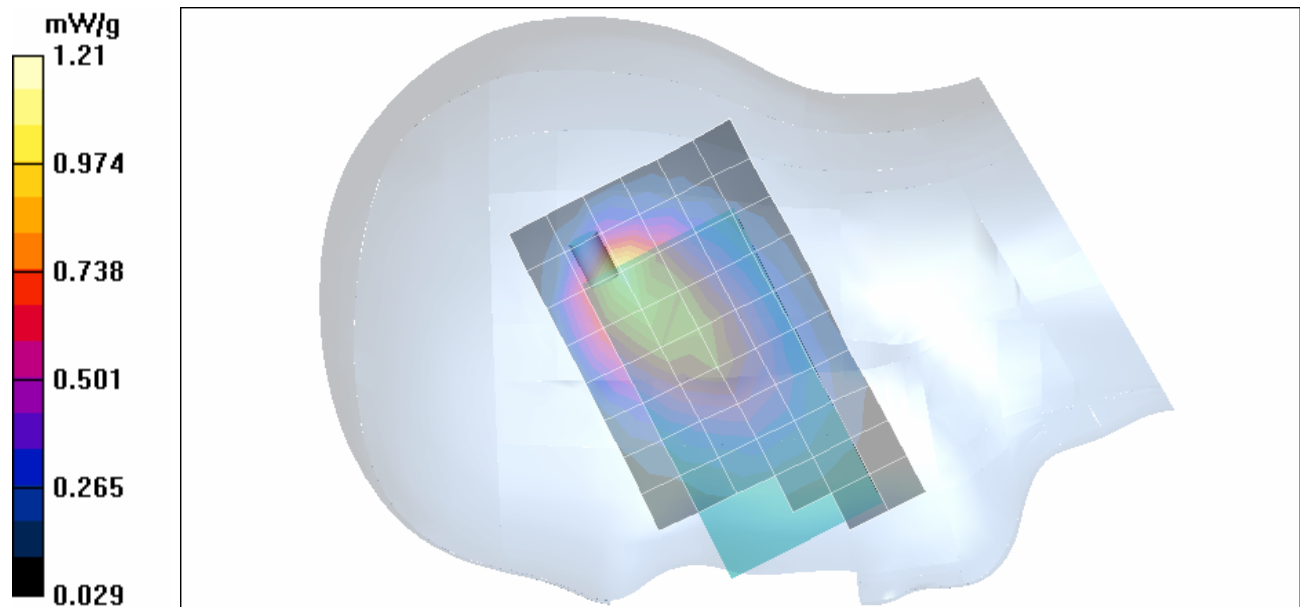
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Low Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = 0.0484 dB
Peak SAR (extrapolated) = 2.67 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.697 mW/g



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band CDMA 2000 Phone with Bluetooth				Freq.:	1851.25-1908.75 / 824.70-848.31 MHz		
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Date Tested: 08/23/2005

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - Channel 777

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 848.31 MHz; Channel 777; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

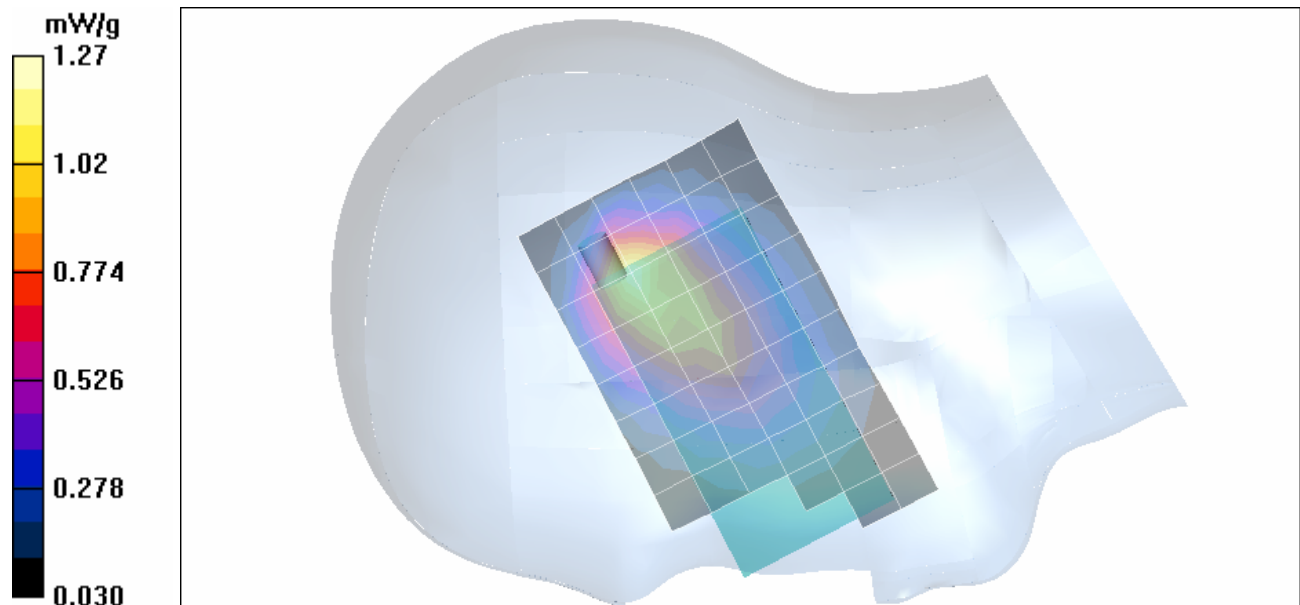
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - High Channel/Area Scan (7x11x1):

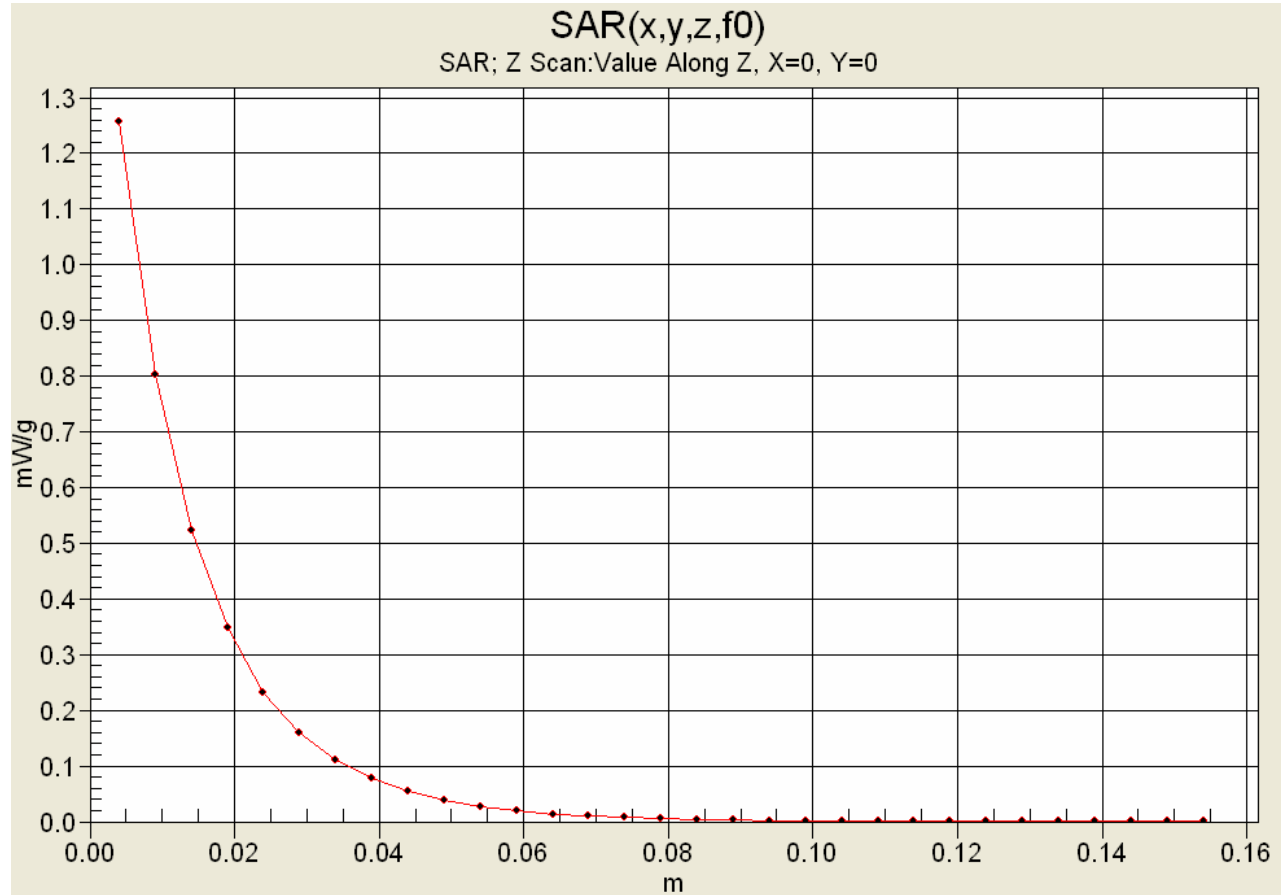
Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Right Ear - Tilt Position (15°) - High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.9 V/m; Power Drift = 0.0677 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.20 mW/g; SAR(10 g) = 0.737 mW/g



Z-Axis Scan



Date Tested: 08/23/2005

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Channel 384

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 23.8 dBm (Conducted)
Frequency: 836.52 MHz; Channel 384; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

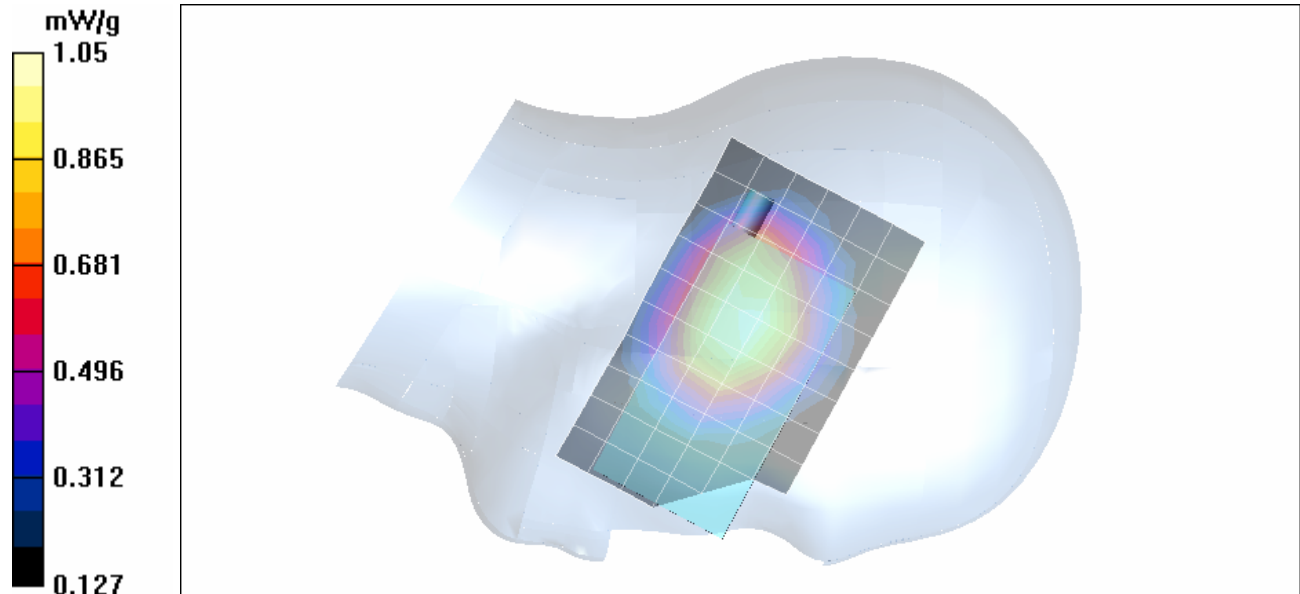
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Mid Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Mid Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.0 V/m; Power Drift = -0.0209 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.747 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Channel 1013

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 824.70 MHz; Channel 1013; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

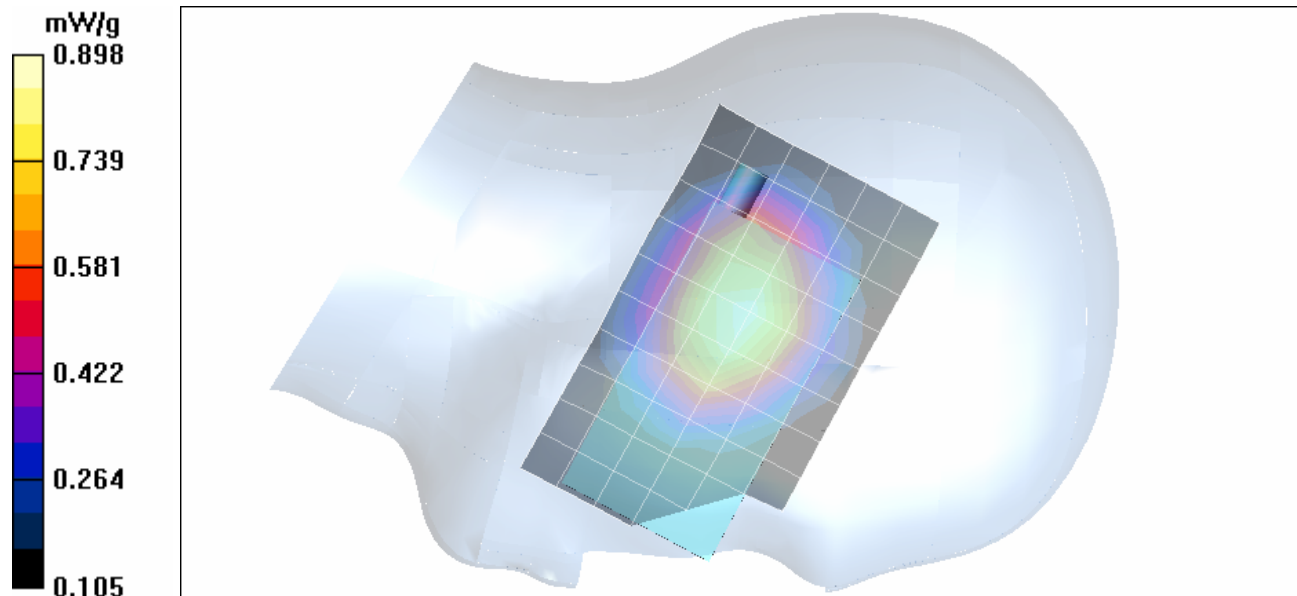
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Low Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.0190 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.629 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - Channel 777

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 848.31 MHz; Channel 777; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

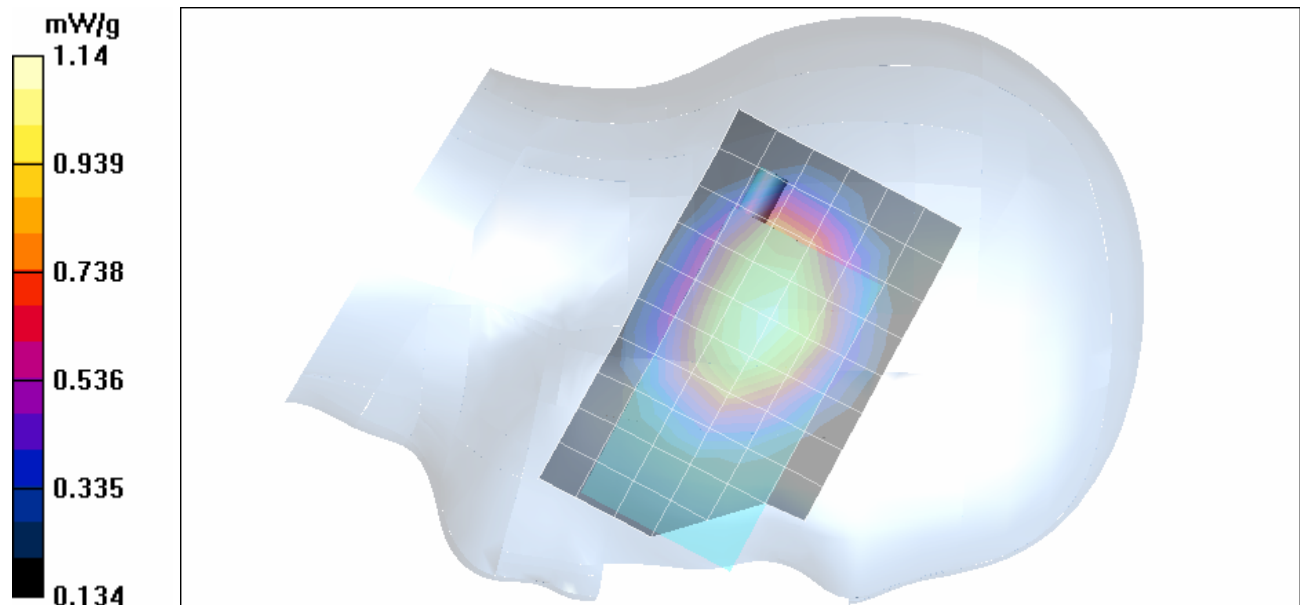
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - High Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Left Ear - Cheek/Touch Position - High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.4 V/m; Power Drift = -0.0477 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.10 mW/g; SAR(10 g) = 0.801 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Channel 384

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 23.8 dBm (Conducted)
Frequency: 836.52 MHz; Channel 384; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

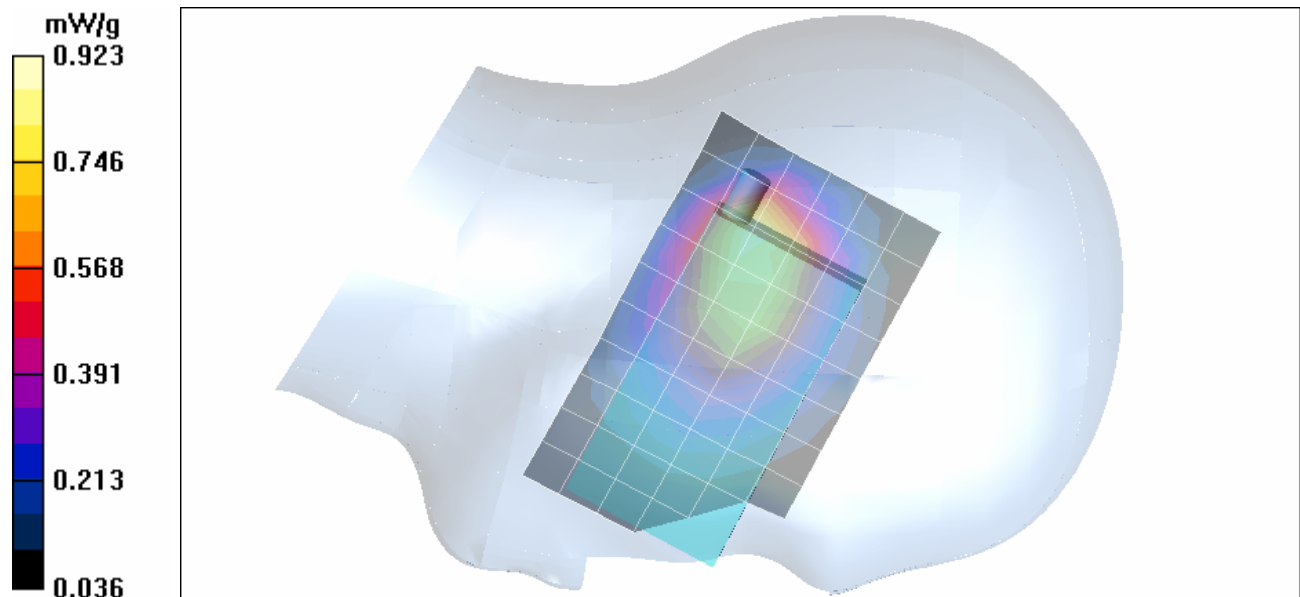
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Mid Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Mid Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.5 V/m; Power Drift = 0.0470 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.581 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Channel 1013

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 824.70 MHz; Channel 1013; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

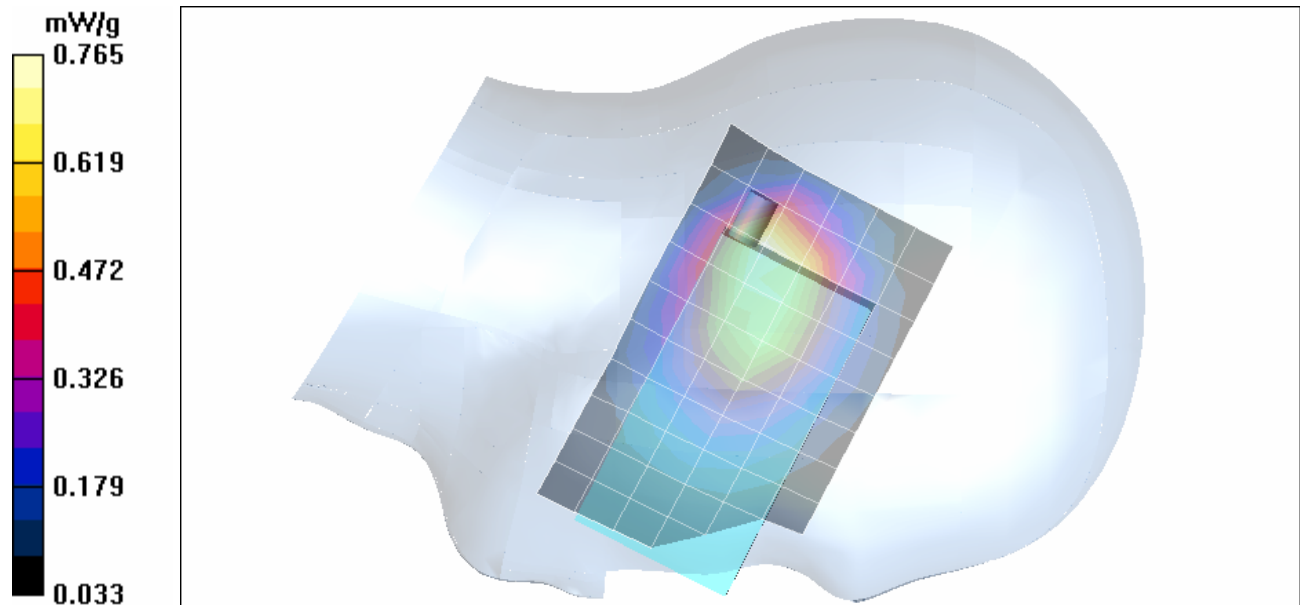
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Low Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = 0.00982 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.505 mW/g



Date Tested: 08/23/2005

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - Channel 777

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 22.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.8 kPa; Humidity: 31%

Communication System: Cellular CDMA
RF Output Power: 24.0 dBm (Conducted)
Frequency: 848.31 MHz; Channel 777; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL835 ($\sigma = 0.87$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

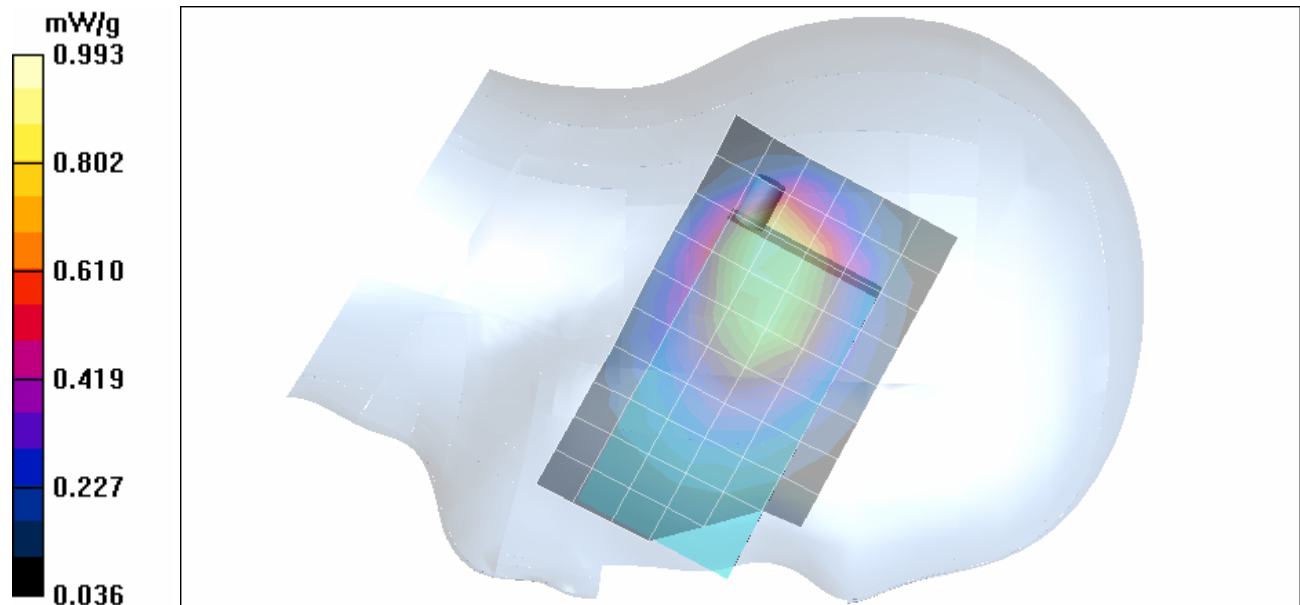
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - High Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - Cellular Band - Left Ear - Tilt Position (15°) - High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.0 V/m; Power Drift = 0.00854 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.637 mW/g



Date Tested: 08/24/2005

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Channel 600

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 24.0 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.0 kPa; Humidity: 31%

Communication System: PCS CDMA
 RF Output Power: 23.8 dBm (Conducted)
 Frequency: 1880.00 MHz; Channel 600; Duty Cycle: 1:1
 Li-ion Battery Pack (P/N: 157-10014-00)
 Medium: HSL1880 ($\sigma = 1.35 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Mid Channel/Area Scan (7x11x1):

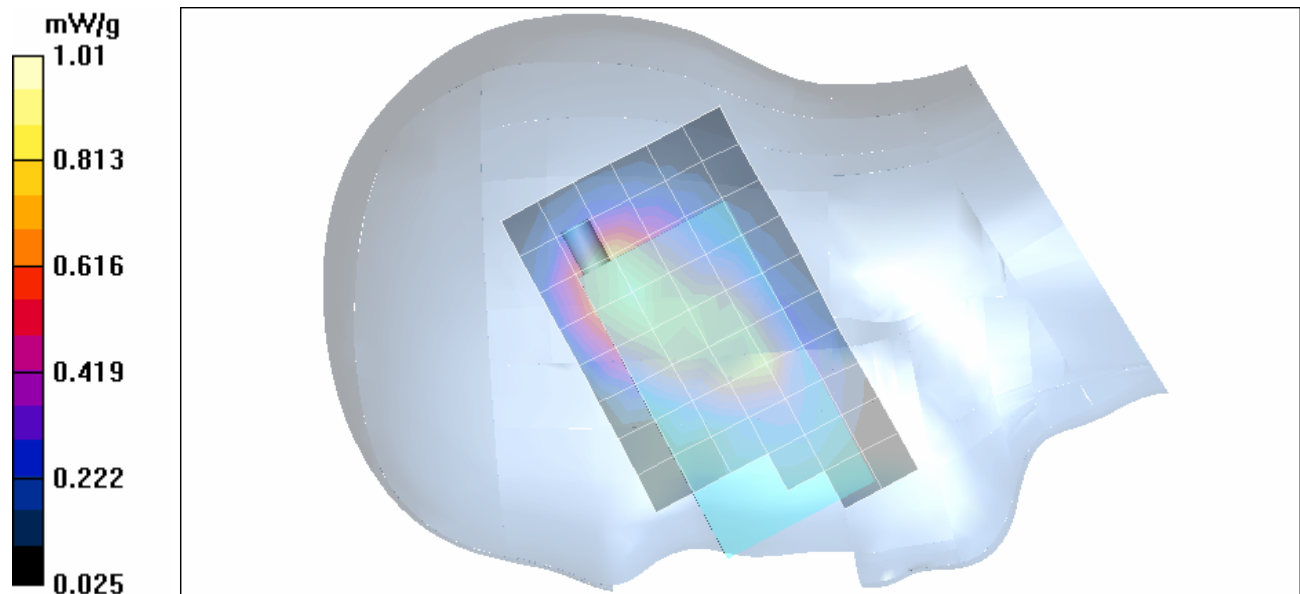
Measurement grid: dx=15mm, dy=15mm

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Mid Channel/Zoom Scan (7x7x7)/Cube 0:

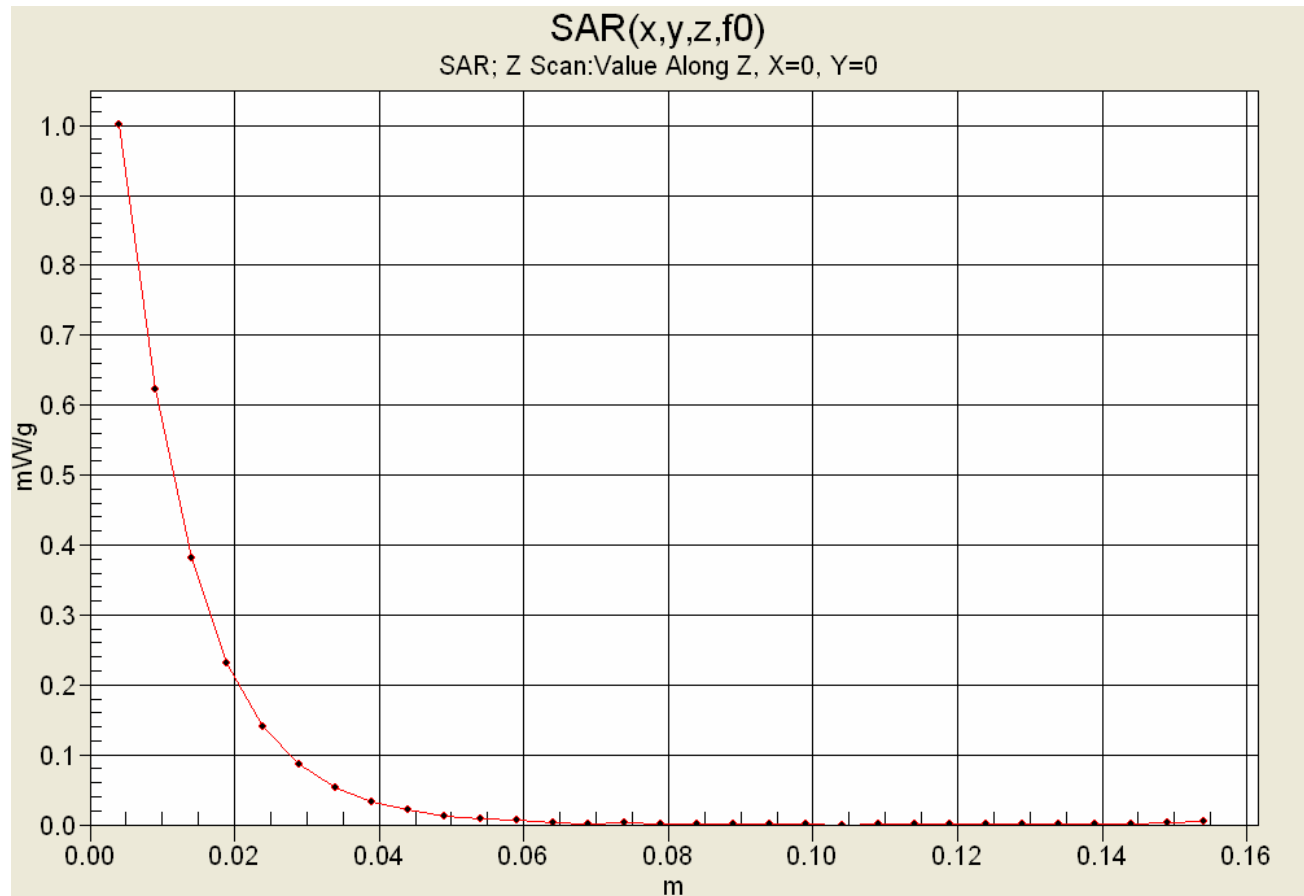
Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 21.6 V/m; Power Drift = 0.195 dB
 Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.553 mW/g

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Mid Channel/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 21.6 V/m; Power Drift = 0.195 dB
 Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.481 mW/g



Z-Axis Scan



Date Tested: 08/24/2005

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Channel 25

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 24.0 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.0 kPa; Humidity: 31%

Communication System: PCS CDMA

RF Output Power: 23.8 dBm (Conducted)

Frequency: 1851.25 MHz; Channel 25; Duty Cycle: 1:1

Li-ion Battery Pack (P/N: 157-10014-00)

Medium: HSL1880 ($\sigma = 1.35$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Low Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.00835 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.519 mW/g

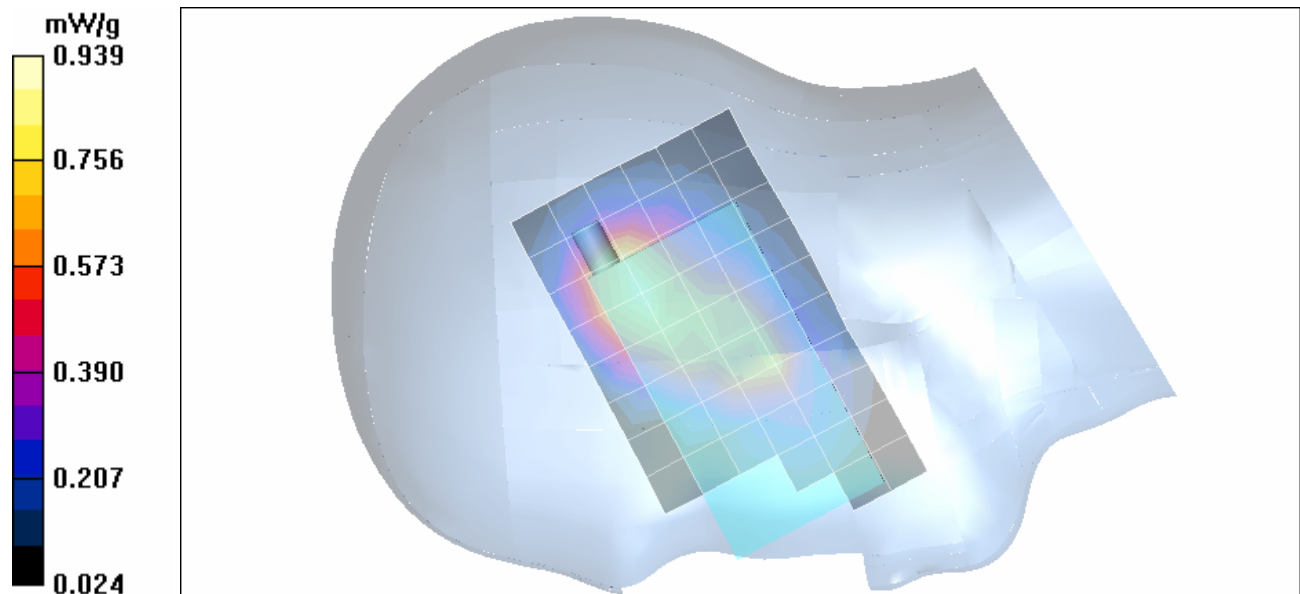
Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Low Channel/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.00835 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.447 mW/g



Date Tested: 08/24/2005

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - Channel 1175

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 24.0 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.0 kPa; Humidity: 31%

Communication System: PCS CDMA

RF Output Power: 23.3 dBm (Conducted)

Frequency: 1908.75 MHz; Channel 1175; Duty Cycle: 1:1

Li-ion Battery Pack (P/N: 157-10014-00)

Medium: HSL1880 ($\sigma = 1.35$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - High Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - PCS Band - Right Ear - Cheek/Touch Position - High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = 0.0694 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.425 mW/g

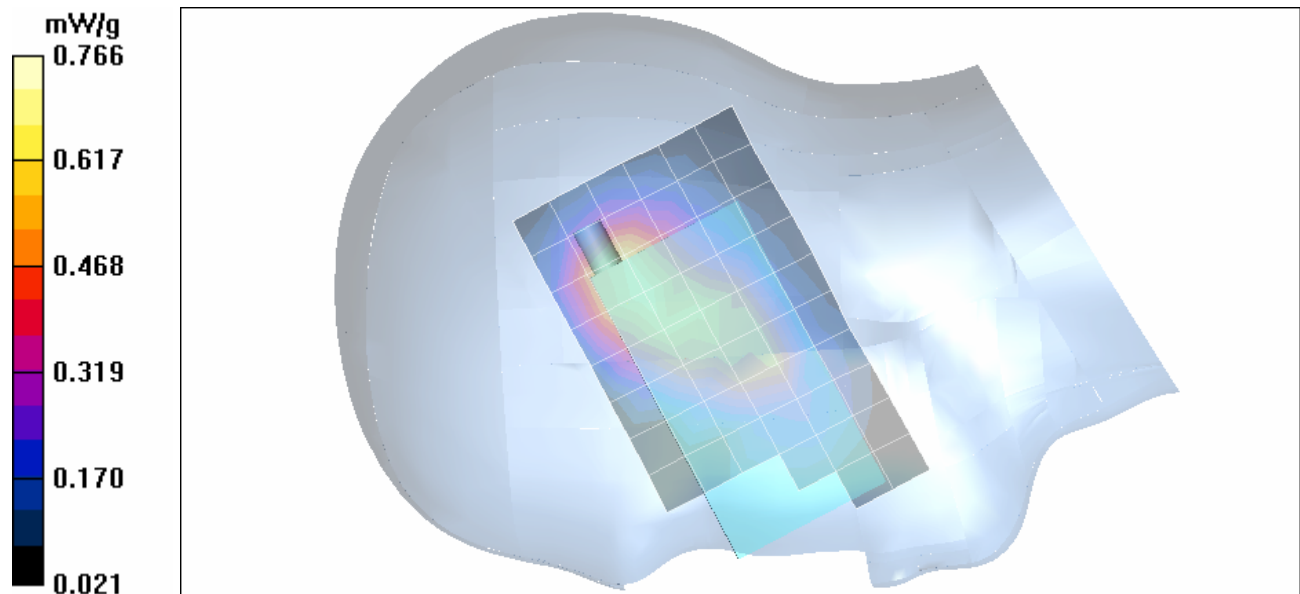
Head SAR - PCS Band - Right Ear - Cheek/Touch Position - High Channel/Zoom Scan (7x7x7)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = 0.0694 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.350 mW/g



Date Tested: 08/23/2005

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Channel 600

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 25.3 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 101.5 kPa; Humidity: 30%

Communication System: PCS CDMA
RF Output Power: 23.8 dBm (Conducted)
Frequency: 1880.00 MHz; Channel 600; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL1880 ($\sigma = 1.40$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³)

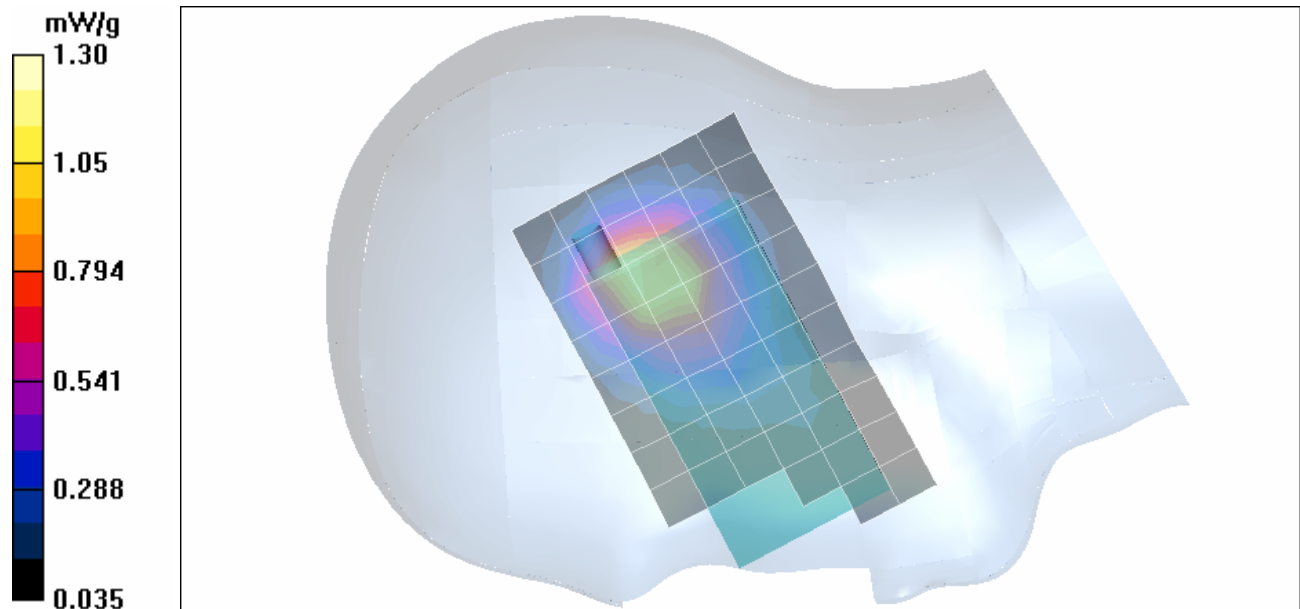
- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Mid Channel/Area Scan (7x11x1):

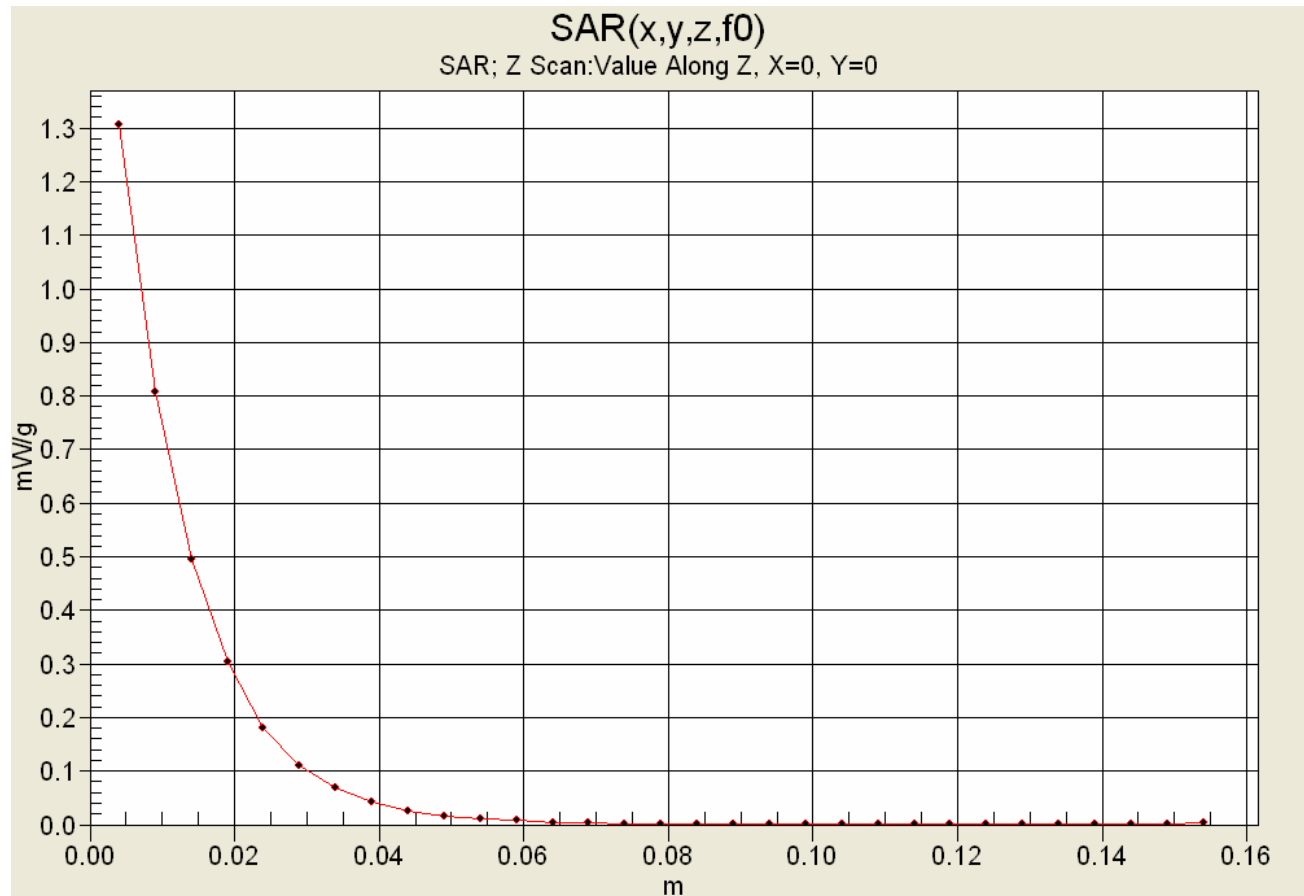
Measurement grid: dx=15mm, dy=15mm

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Mid Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.2 V/m; Power Drift = 0.239 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.20 mW/g; SAR(10 g) = 0.725 mW/g



Z-Axis Scan



Date Tested: 08/23/2005

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Channel 25

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 25.3 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 101.5 kPa; Humidity: 30%

Communication System: PCS CDMA

RF Output Power: 23.8 dBm (Conducted)

Frequency: 1851.25 MHz; Channel 25; Duty Cycle: 1:1

Li-ion Battery Pack (P/N: 157-10014-00)

Medium: HSL1880 ($\sigma = 1.40$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Low Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

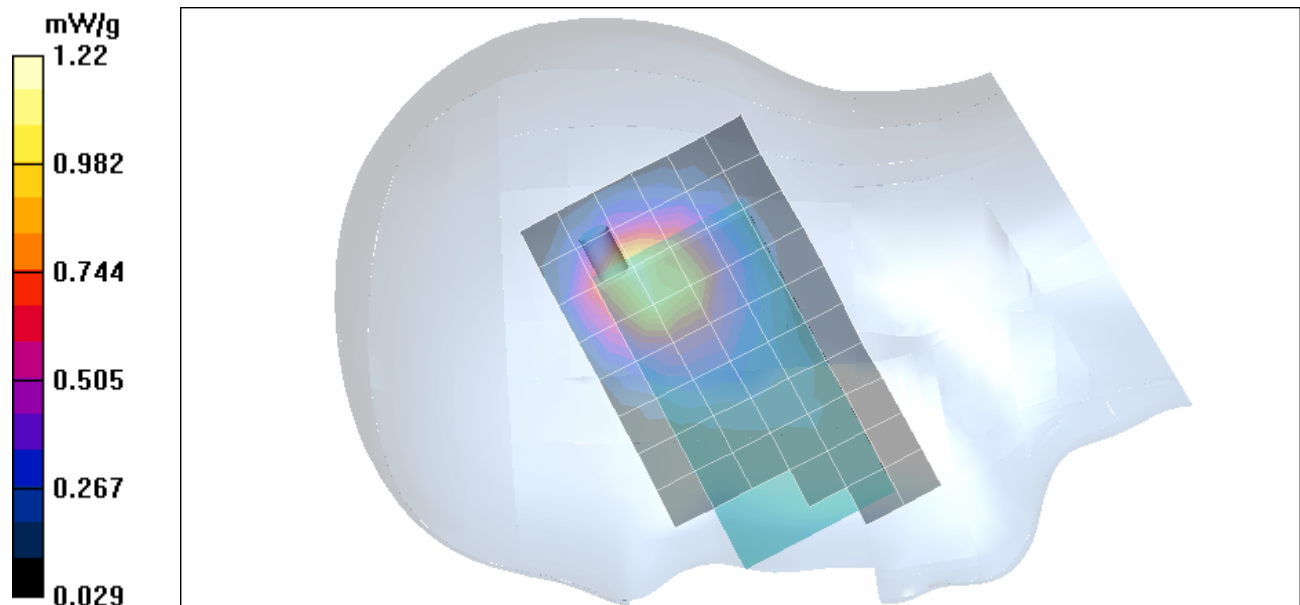
Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.0698 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.684 mW/g



Date Tested: 08/23/2005

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - Channel 1175

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with Bluetooth; Serial: PWVC0835H0AX

Ambient Temp: 25.3 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 101.5 kPa; Humidity: 30%

Communication System: PCS CDMA
RF Output Power: 23.3 dBm (Conducted)
Frequency: 1908.75 MHz; Channel 1175; Duty Cycle: 1:1
Li-ion Battery Pack (P/N: 157-10014-00)
Medium: HSL1880 ($\sigma = 1.40$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - High Channel/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Head SAR - PCS Band - Right Ear - Tilt Position (15°) - High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.552 mW/g

