

Date Tested: 08/24/2005

Head SAR - PCS Band - Left 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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

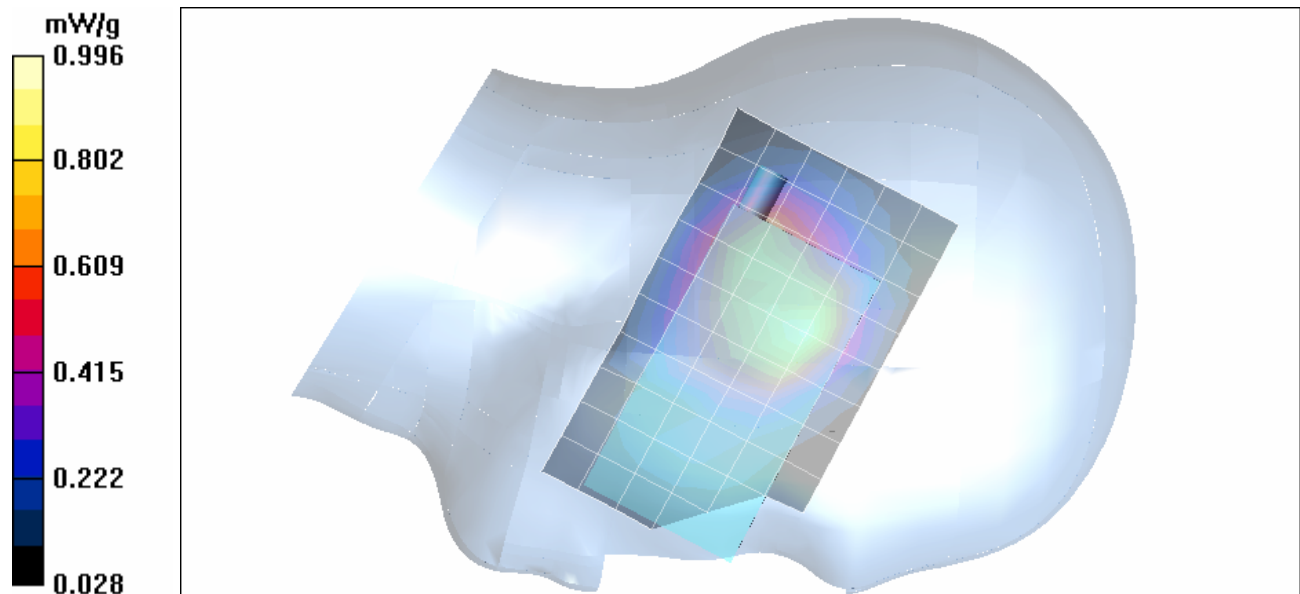
Measurement grid: dx=15mm, dy=15mm

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.576 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.526 mW/g



Date Tested: 08/24/2005

Head SAR - PCS Band - Left 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 ($\sigma = 1.35 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$)

- 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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

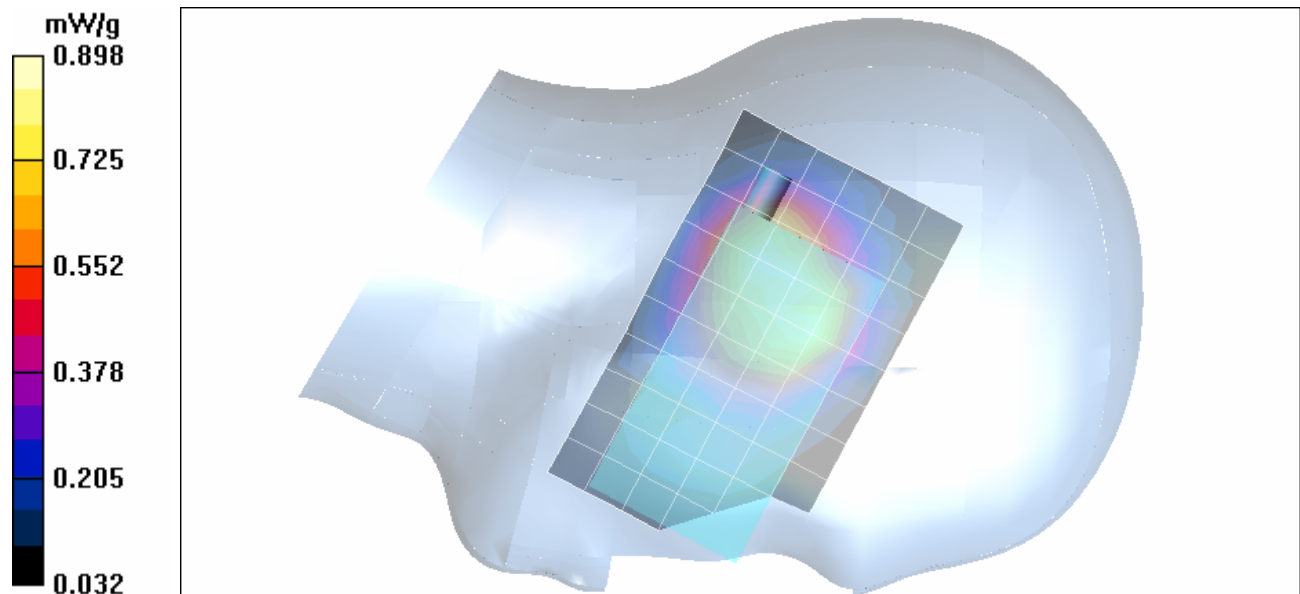
Measurement grid: dx=15mm, dy=15mm

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 25.4 V/m; Power Drift = -0.0054 dB
 Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.560 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 25.4 V/m; Power Drift = -0.0054 dB
 Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.548 mW/g



Date Tested: 08/24/2005

Head SAR - PCS Band - Left 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 ($\sigma = 1.35 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$)

- 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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

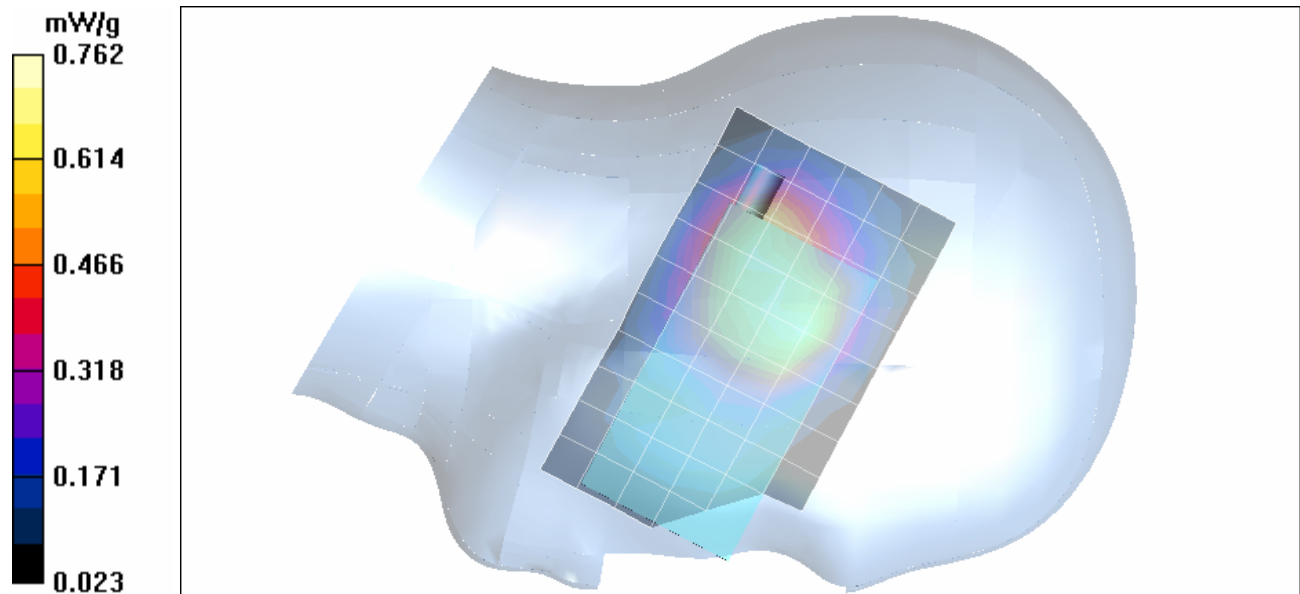
Measurement grid: dx=15mm, dy=15mm

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.00878 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.457 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.00878 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.439 mW/g



Date Tested: 08/23/2005

Head SAR - PCS Band - Left 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)

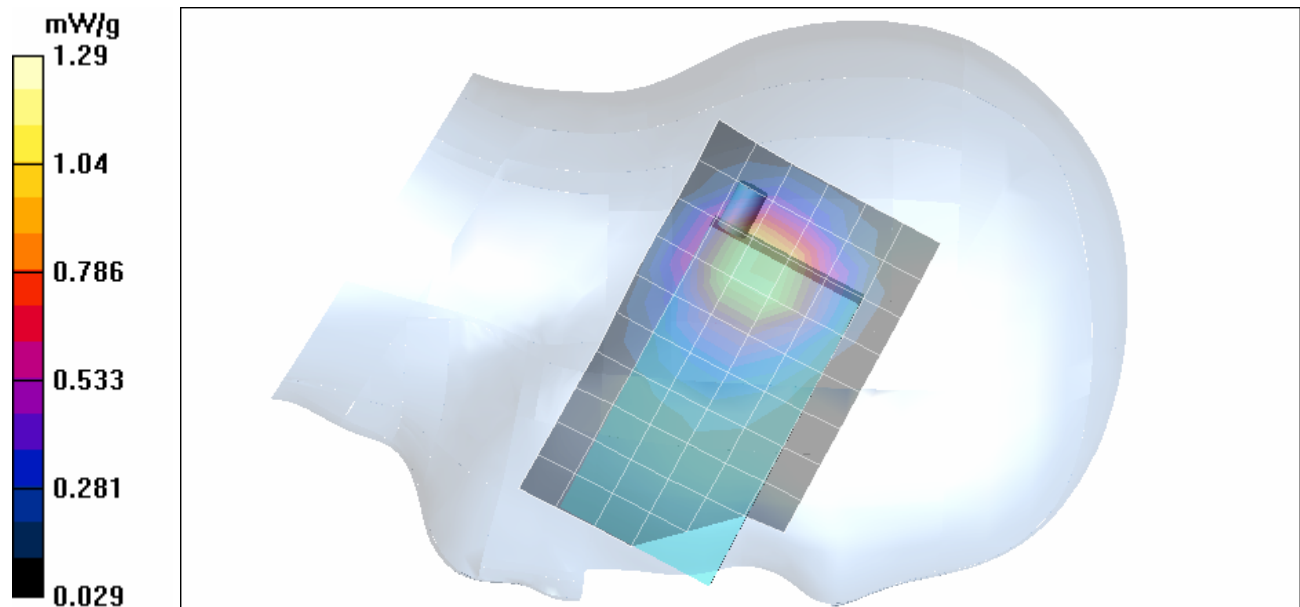
- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD,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

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

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

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.6 V/m; Power Drift = -0.0116 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.729 mW/g



Date Tested: 08/23/2005

Head SAR - PCS Band - Left 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)

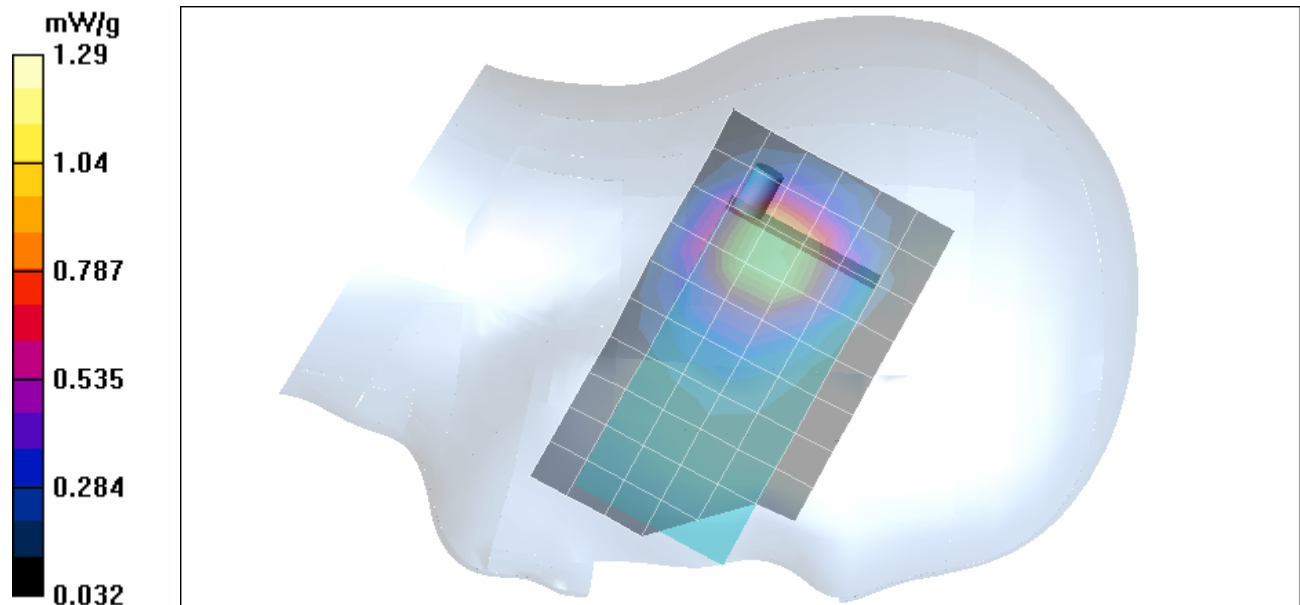
- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD,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

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

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

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.6 V/m; Power Drift = -0.181 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.731 mW/g



Date Tested: 08/23/2005

Head SAR - PCS Band - Left 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)

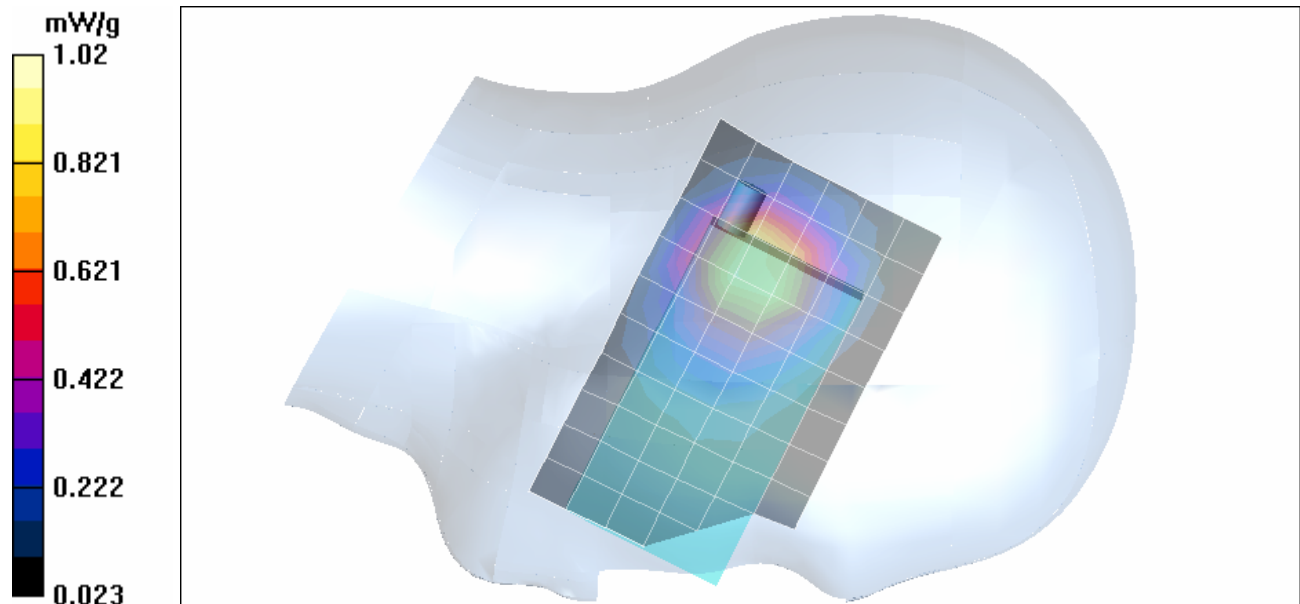
- Probe: ET3DV6 - SN1387; ConvF(5.18, 5.18, 5.18); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD,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

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

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

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = -0.0623 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.580 mW/g



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

Date Tested: 08/24/2005

Body-Worn SAR - PCS Band - DUT with Side Case & Belt-Clip (Front Side of DUT) - Channel 600

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

Body-Worn Accessories: Leather Side Case with Belt-Clip (SKU#3180WW); **Audio Accessory:** Generic Ear-Microphone

Ambient Temp: 25.5 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 101.8 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: M1880 ($\sigma = 1.51$ mho/m; $\epsilon_r = 51.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75); 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

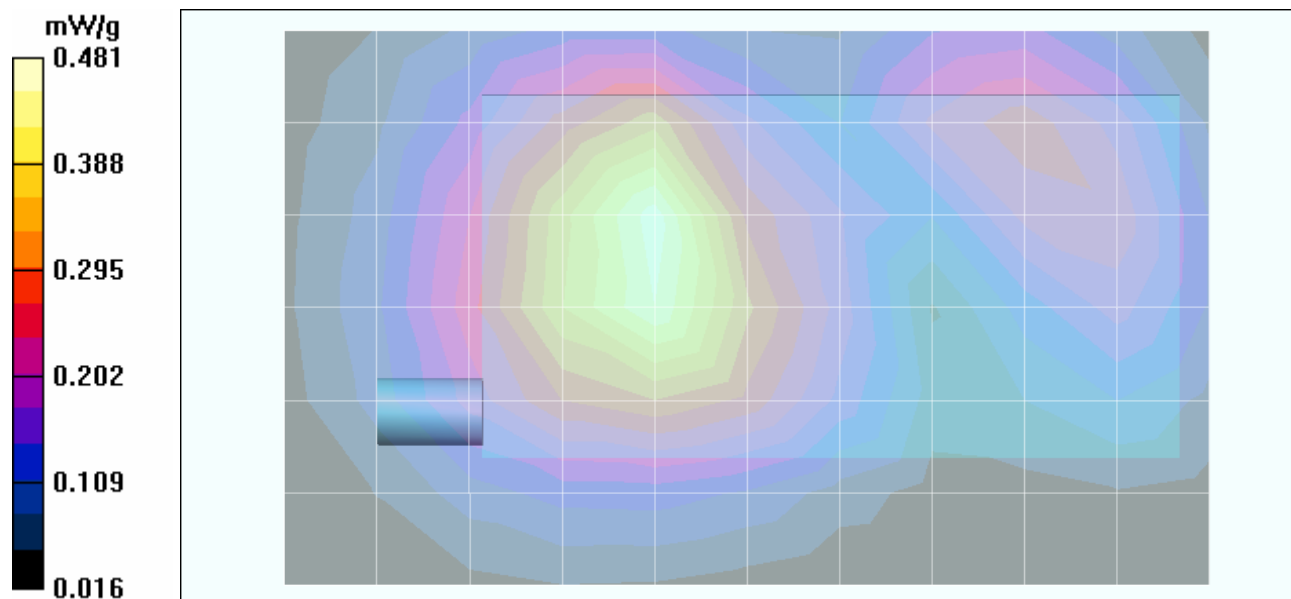
Body-Worn SAR - PCS Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - PCS Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.286 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		
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the written permission of Celltech Labs Inc.						

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

Date Tested: 08/24/2005

Body-Worn SAR - PCS Band - DUT with Pouch & Swivel Belt-Clip (Back Side of DUT) - Channel 600

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

Body-Worn Accessories: Leather Pouch with Swivel Belt-Clip (SKU#3179WW); Audio Accessory: Generic Ear-Microphone

Ambient Temp: 25.5 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 101.8 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: M1880 ($\sigma = 1.51$ mho/m; $\epsilon_r = 51.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75); 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

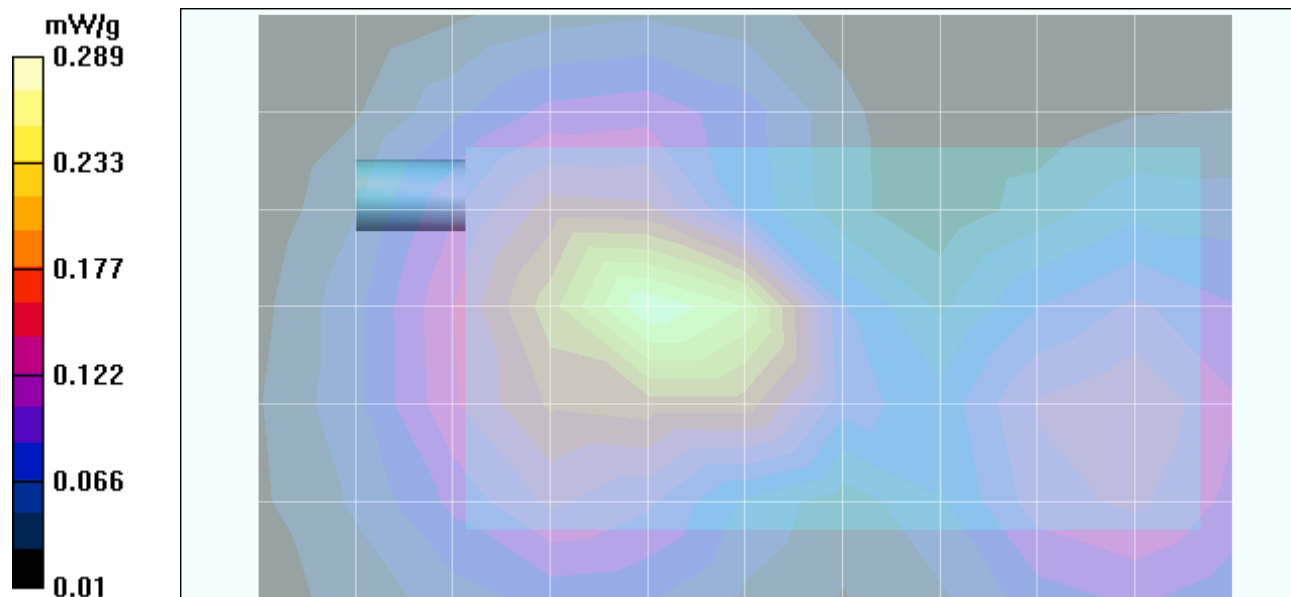
Body-Worn SAR - PCS Band - 2.5 cm Leather Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - PCS Band - 2.5 cm Leather Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.154 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		
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the written permission of Celltech Labs Inc.						

Date Tested: 08/24/2005

Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 600

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

Body-Worn Accessories: None - 1.5 cm Air-Gap Spacing; **Audio Accessory:** Generic Ear-Microphone

Ambient Temp: 25.5 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 101.8 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: M1880 ($\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.0$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75); 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

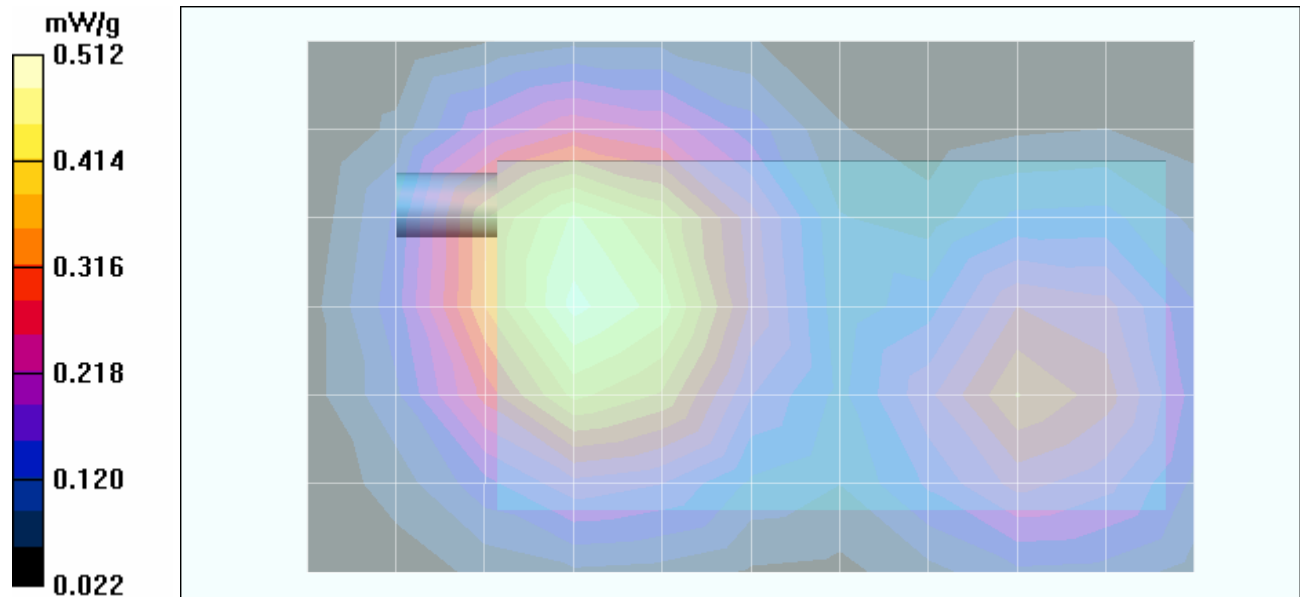
Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

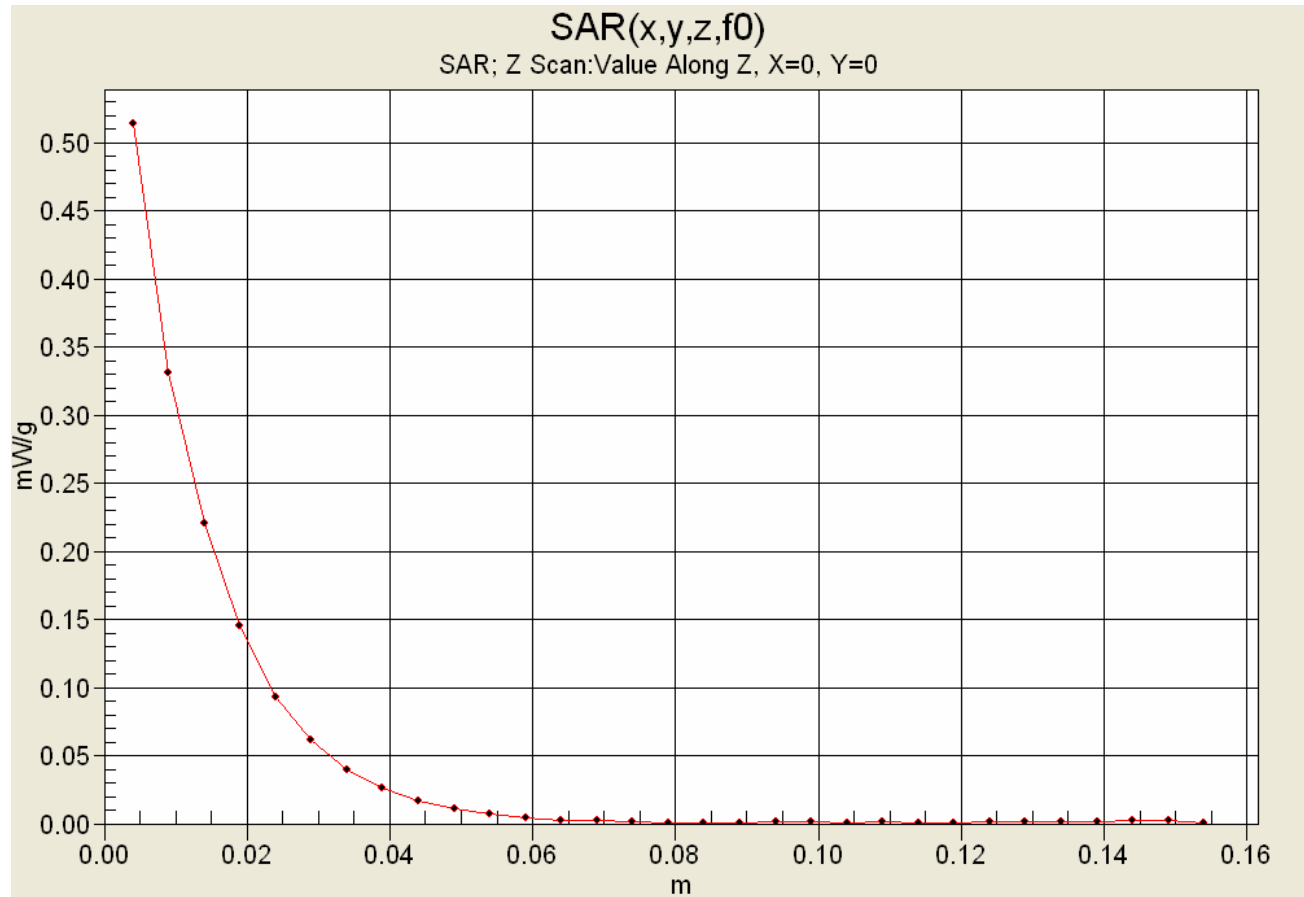
Reference Value = 15.5 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.312 mW/g



Z-Axis Scan



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

Date Tested: 08/30/2005

Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 600 Simultaneous Transmit with Co-located Bluetooth

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

Body-Worn Accessories: None - 1.5 cm Air-Gap Spacing; **Audio Accessory:** Generic Ear-Microphone

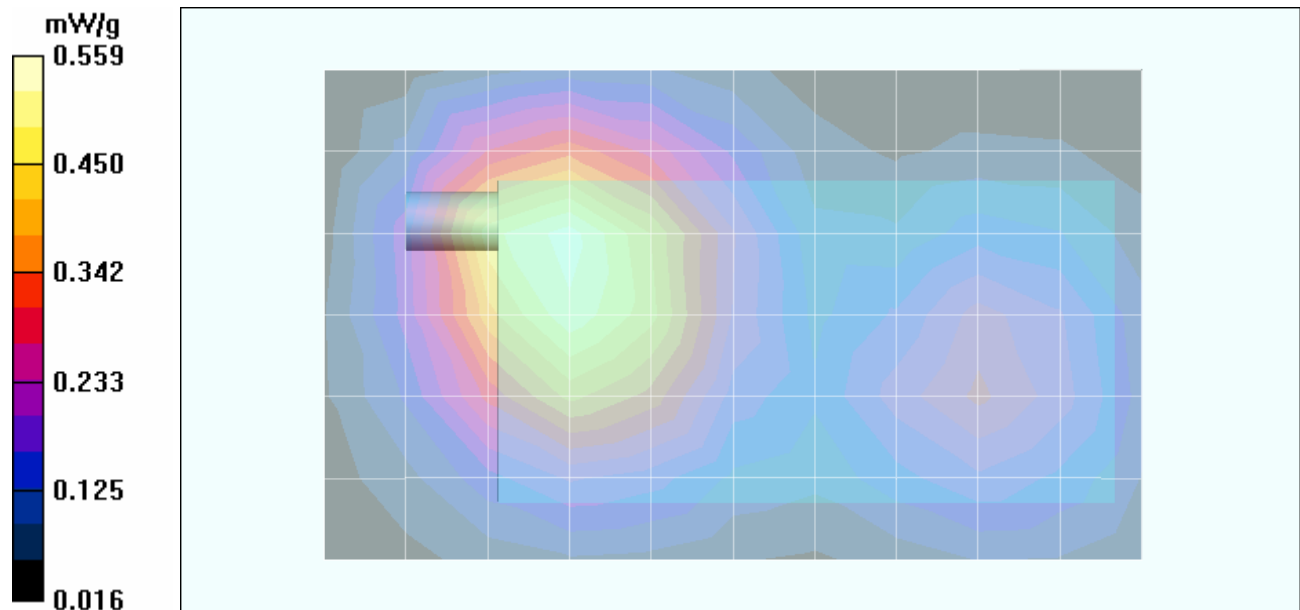
Ambient Temp: 23.4 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%

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)
Communication System: FHSS (Bluetooth)
RF Output Power: 0 dBm (Peak Conducted)
Medium: M1880 ($\sigma = 1.58 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75); 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

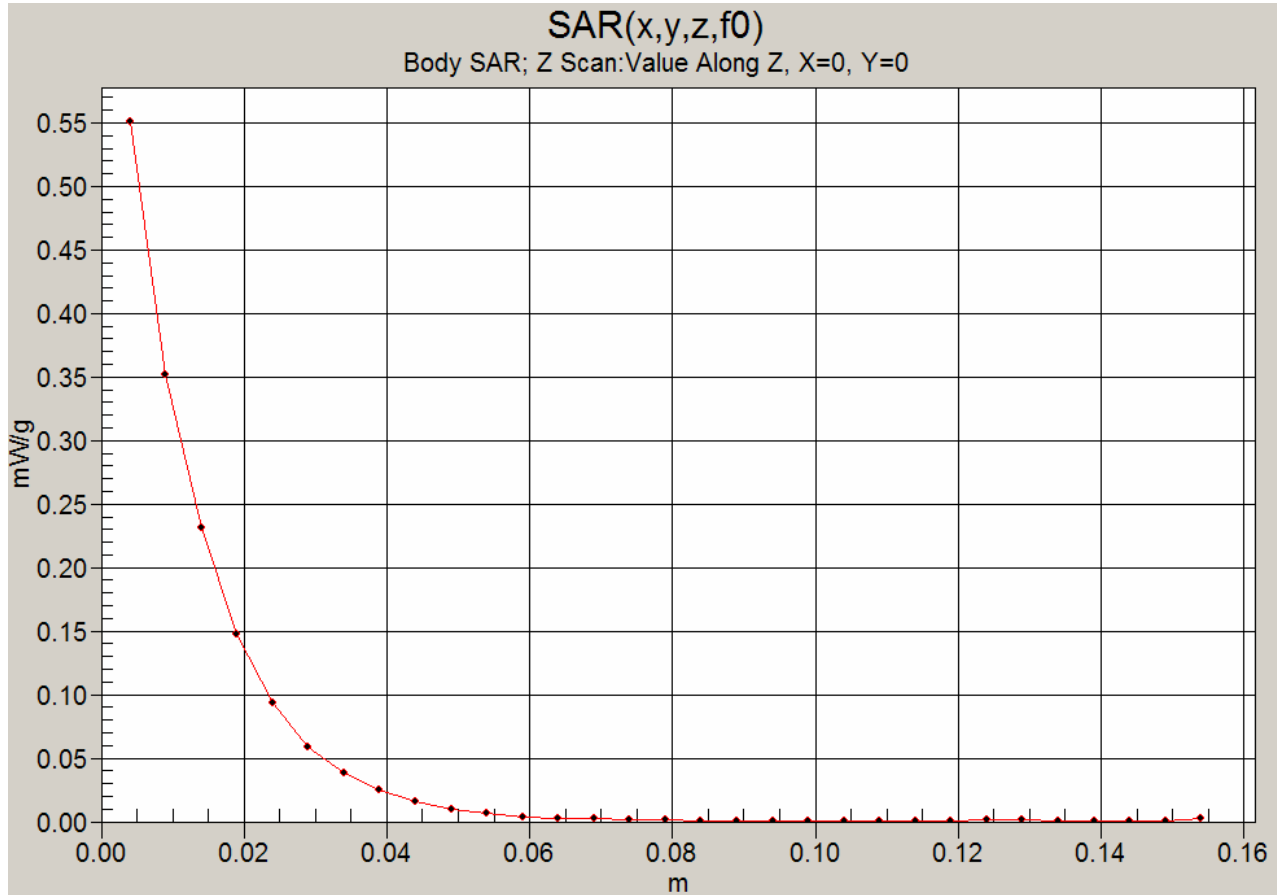
Body-Worn SAR - PCS Band with Bluetooth Simultaneous Transmit - 1.5 cm Air-Gap from Back of DUT - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - PCS Band with Bluetooth Simultaneous Transmit - 1.5 cm Air-Gap from Back of DUT - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = -0.187 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.333 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		
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the written permission of Celltech Labs Inc.						

Z-Axis Scan



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

Date Tested: 08/24/2005

Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Spacing - Front Side of DUT - Channel 600

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

Body-Worn Accessories: None - 1.5 cm Air-Gap Spacing; **Audio Accessory:** Generic Ear-Microphone

Ambient Temp: 25.5 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 101.8 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: M1880 ($\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.0$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75); 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

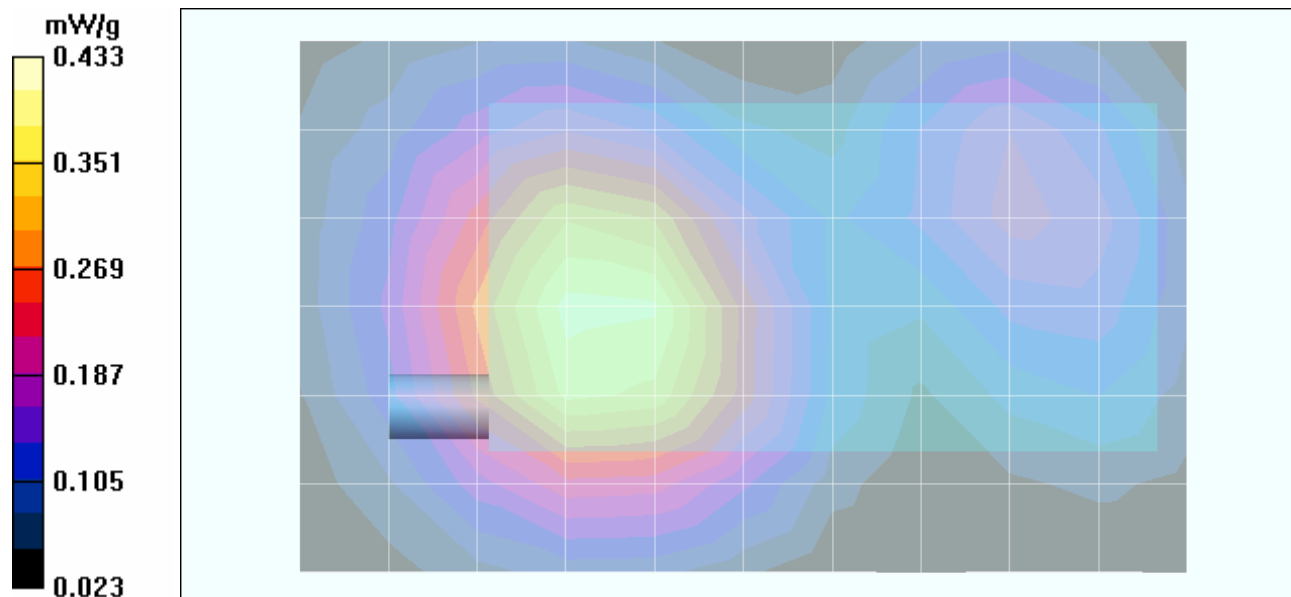
Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Separation Distance from Front of DUT - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - PCS Band - 1.5 cm Air-Gap Separation Distance from Front of DUT - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.267 mW/g



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

Date Tested: 08/25/2005

Body-Worn SAR - Cellular Band - DUT with Side Case & Belt-Clip (Front Side of DUT) - Channel 384

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

Body-Worn Accessories: Leather Side Case with Belt-Clip (SKU#3180WW); **Audio Accessory:** Generic Ear-Microphone

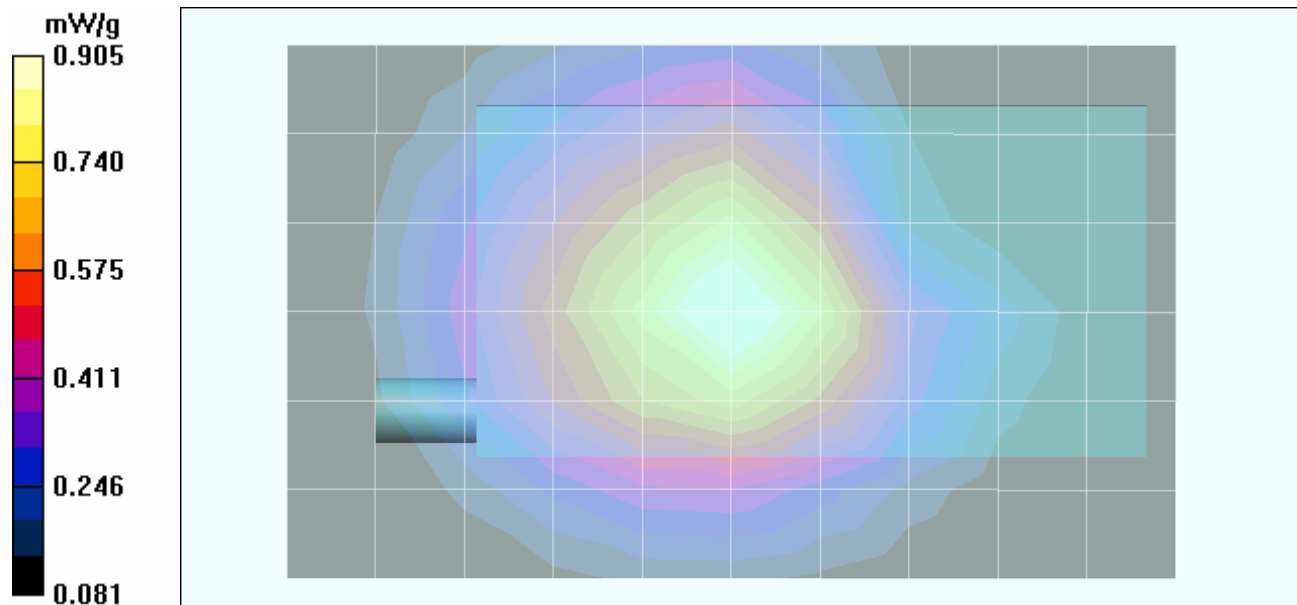
Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

Body-Worn SAR - Cellular Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - Mid Channel Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.4 V/m; Power Drift = -0.0791 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.587 mW/g



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

Date Tested: 08/25/2005

Body-Worn SAR - Cellular Band - DUT with Side Case & Belt-Clip (Front Side of DUT) - Channel 1013

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

Body-Worn Accessories: Leather Side Case with Belt-Clip (SKU#3180WW); Audio Accessory: Generic Ear-Microphone

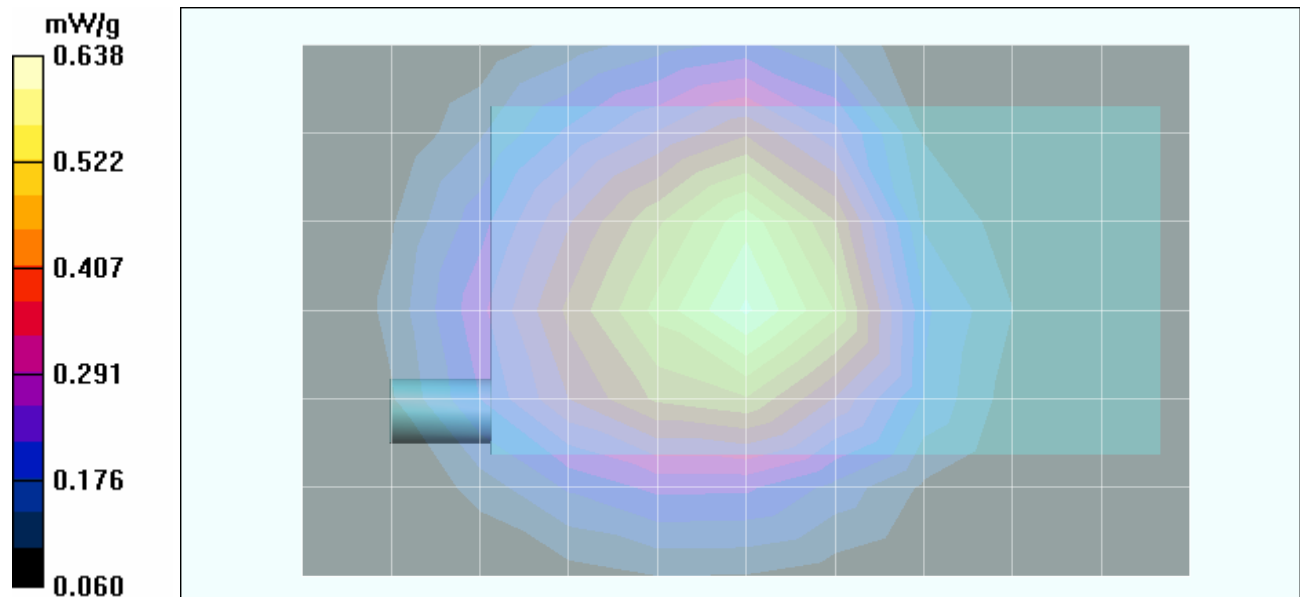
Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

Body-Worn SAR - Cellular Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - Low Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - Low Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.0952 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.406 mW/g



Date Tested: 08/25/2005

Body-Worn SAR - Cellular Band - DUT with Side Case & Belt-Clip (Front Side of DUT) - Channel 777

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

Body-Worn Accessories: Leather Side Case with Belt-Clip (SKU#3180WW); **Audio Accessory:** Generic Ear-Microphone

Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

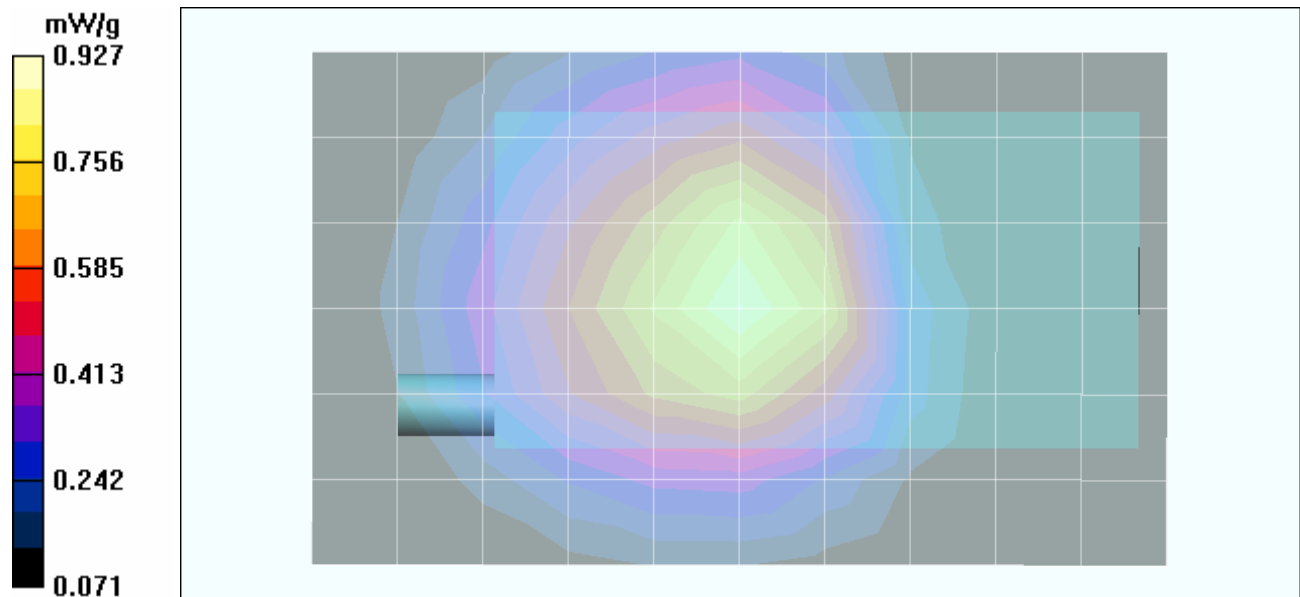
Body-Worn SAR - Cellular Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - High Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band - 1.4 cm Leather Side Case & Belt-Clip Separation Distance - High Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

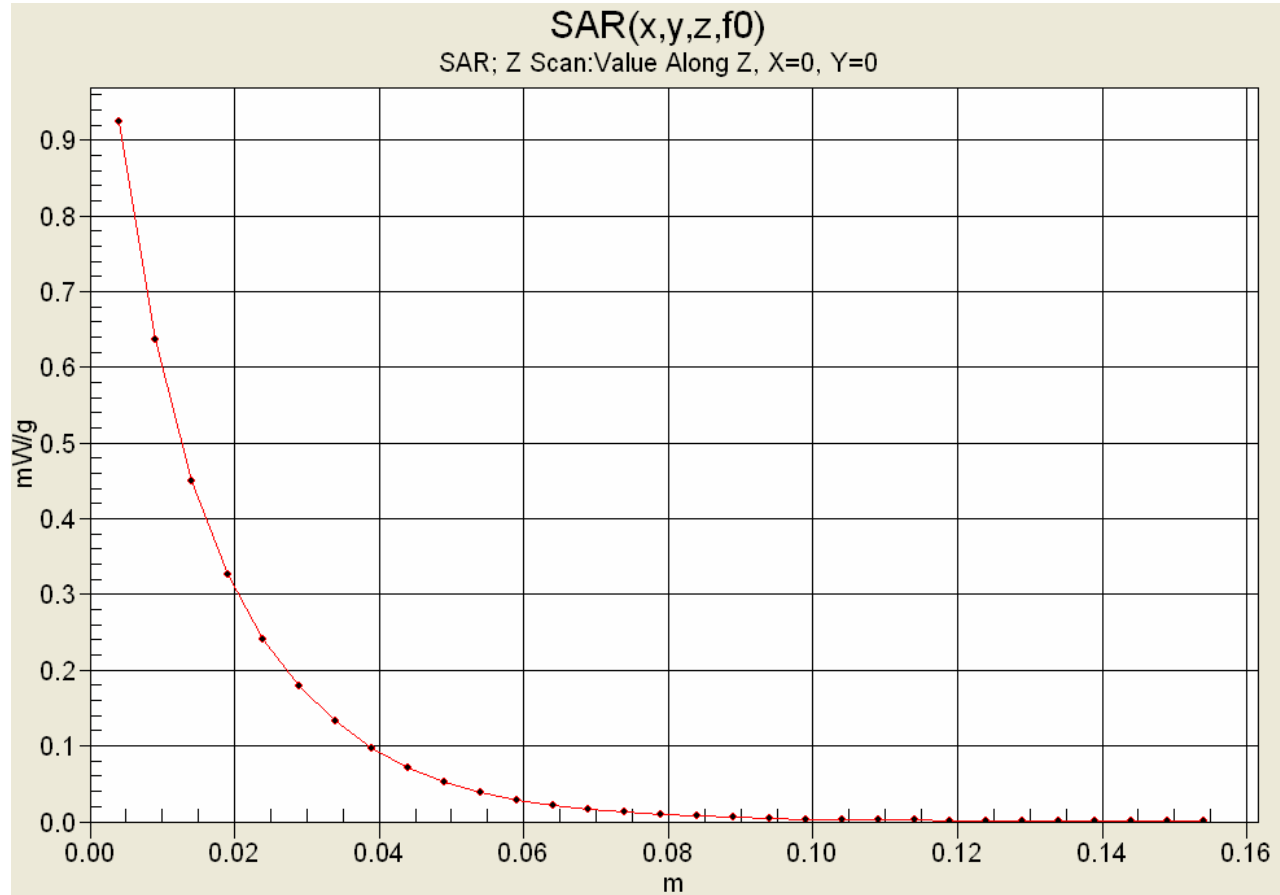
Reference Value = 30.0 V/m; Power Drift = -0.0212 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.589 mW/g



Z-Axis Scan



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

Date Tested: 08/30/2005

Body-Worn SAR - Cellular Band - DUT with Side Case & Belt-Clip (Front Side of DUT) - Channel 777 Simultaneous Transmit with Co-located Bluetooth

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

Body-Worn Accessories: Leather Side Case with Belt-Clip (SKU#3180WW); **Audio Accessory:** Generic Ear-Microphone

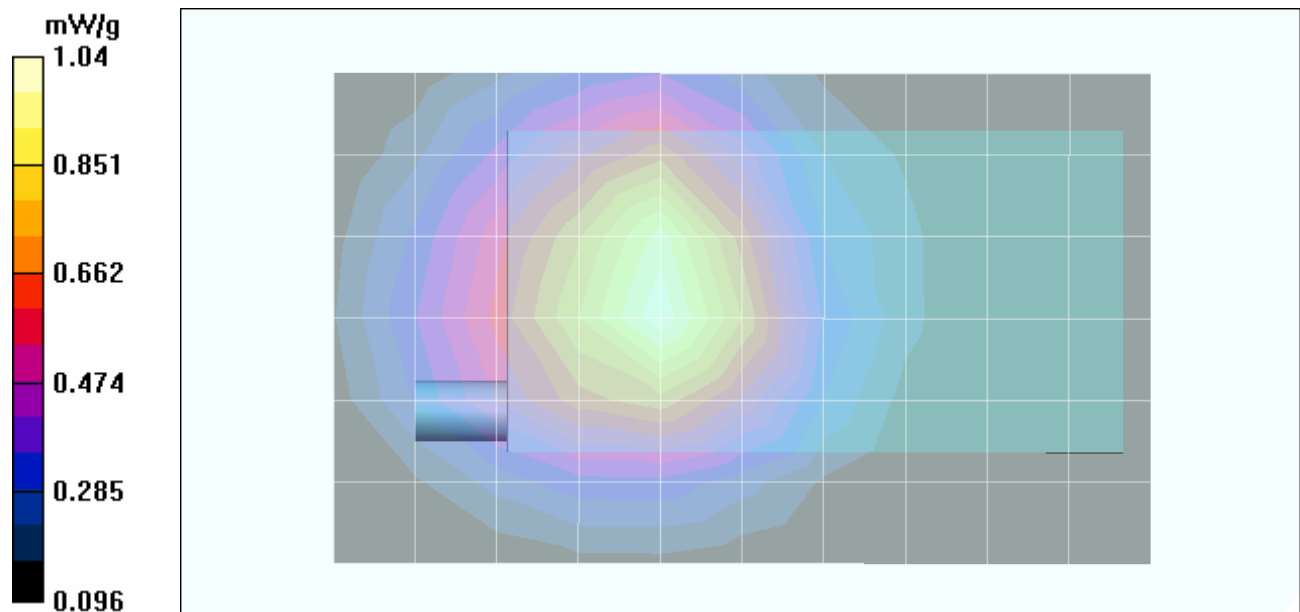
Ambient Temp: 24.2 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%

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)
Communication System: FHSS (Bluetooth)
RF Output Power: 0 dBm (Peak Conducted)
Medium: M835 ($\sigma = 0.97$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

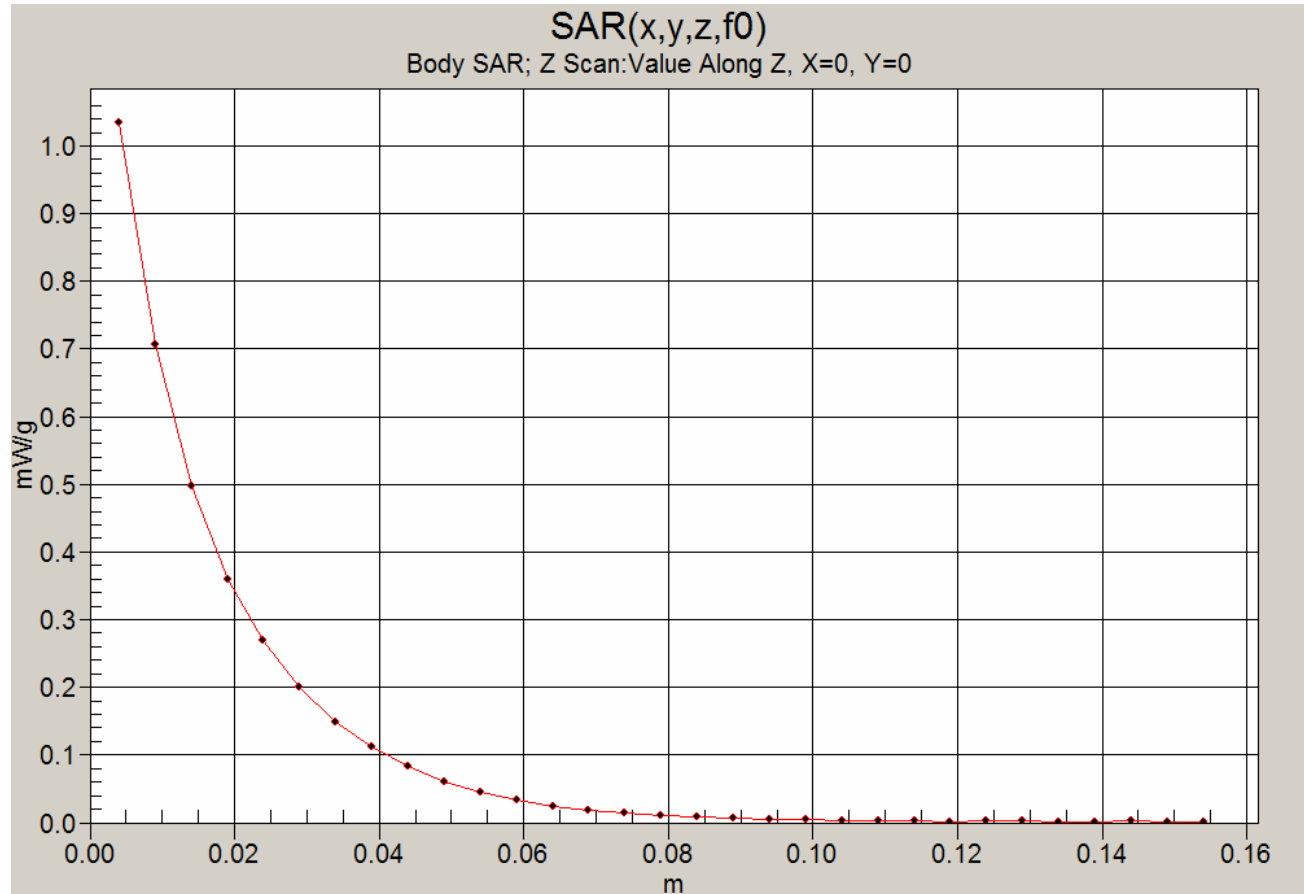
Body-Worn SAR - Cellular Band with Bluetooth Simultaneous Transmit - 1.4 cm Leather Side Case & Belt-Clip - High Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band with Bluetooth Simultaneous Transmit - 1.4 cm Leather Side Case & Belt-Clip - High Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.4 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.654 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		
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the written permission of Celltech Labs Inc.						

Z-Axis Scan



Date Tested: 08/25/2005

Body-Worn SAR - Cellular Band - DUT with Pouch & Swivel Belt-Clip (Back Side of DUT) - Channel 384

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

Body-Worn Accessories: Leather Pouch & Swivel Belt-Clip (SKU#3179WW); Audio Accessory: Generic Ear-Microphone

Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

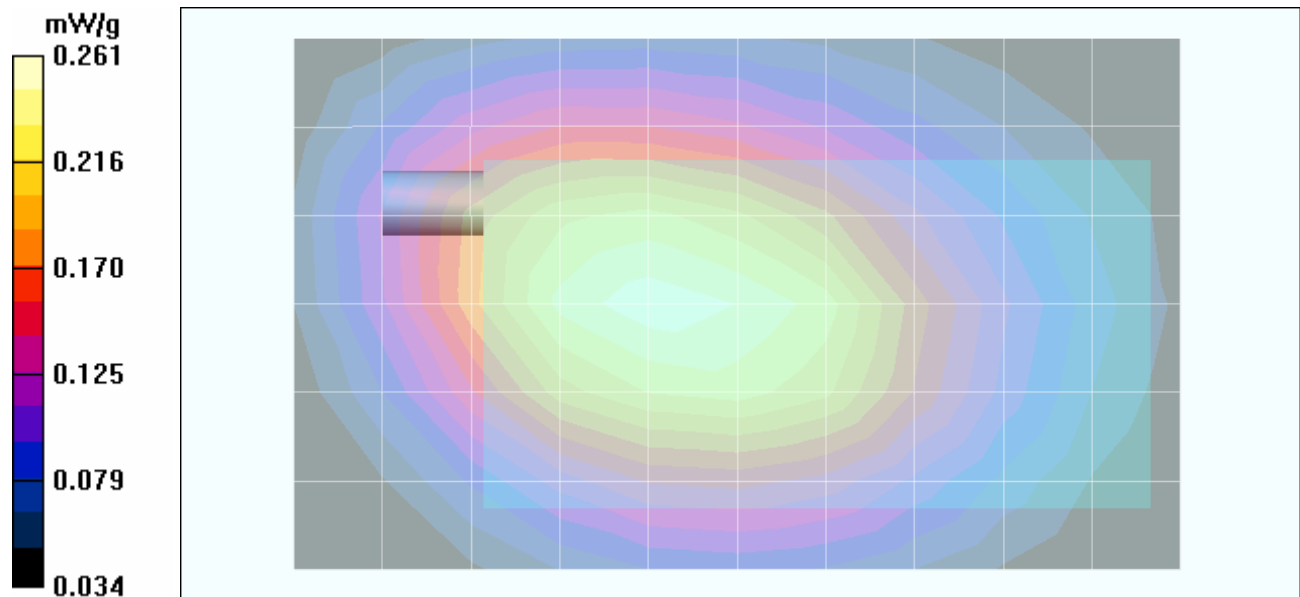
Body-Worn SAR - Cellular Band - 2.5 cm Leather Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band - 2.5 cm Leather Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.0542 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.180 mW/g



Date Tested: 08/25/2005

Body-Worn SAR - Cellular Band - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 384

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

Body-Worn Accessories: None - 1.5 cm Air-Gap Spacing; **Audio Accessory:** Generic Ear-Microphone

Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

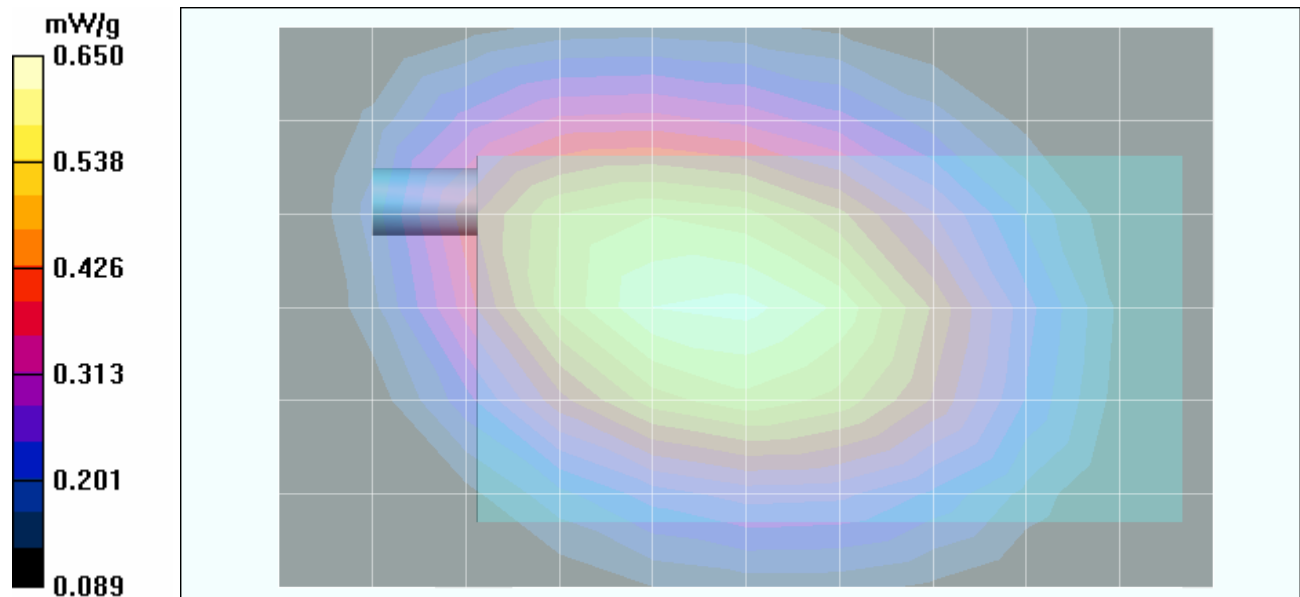
Body-Worn SAR - Cellular Band - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.0730 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.453 mW/g



Date Tested: 08/25/2005

Body-Worn SAR - Cellular Band - 1.5 cm Air-Gap Spacing - Front Side of DUT - Channel 384

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

Body-Worn Accessories: None - 1.5 cm Air-Gap Spacing; **Audio Accessory:** Generic Ear-Microphone

Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); 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

Body-Worn SAR - Cellular Band - 1.5 cm Air-Gap Separation Distance from Front of DUT - Mid Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - Cellular Band - 1.5 cm Air-Gap Separation Distance from Front of DUT - Mid Channel

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

Reference Value = 27.1 V/m; Power Drift = -0.0974 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.475 mW/g

