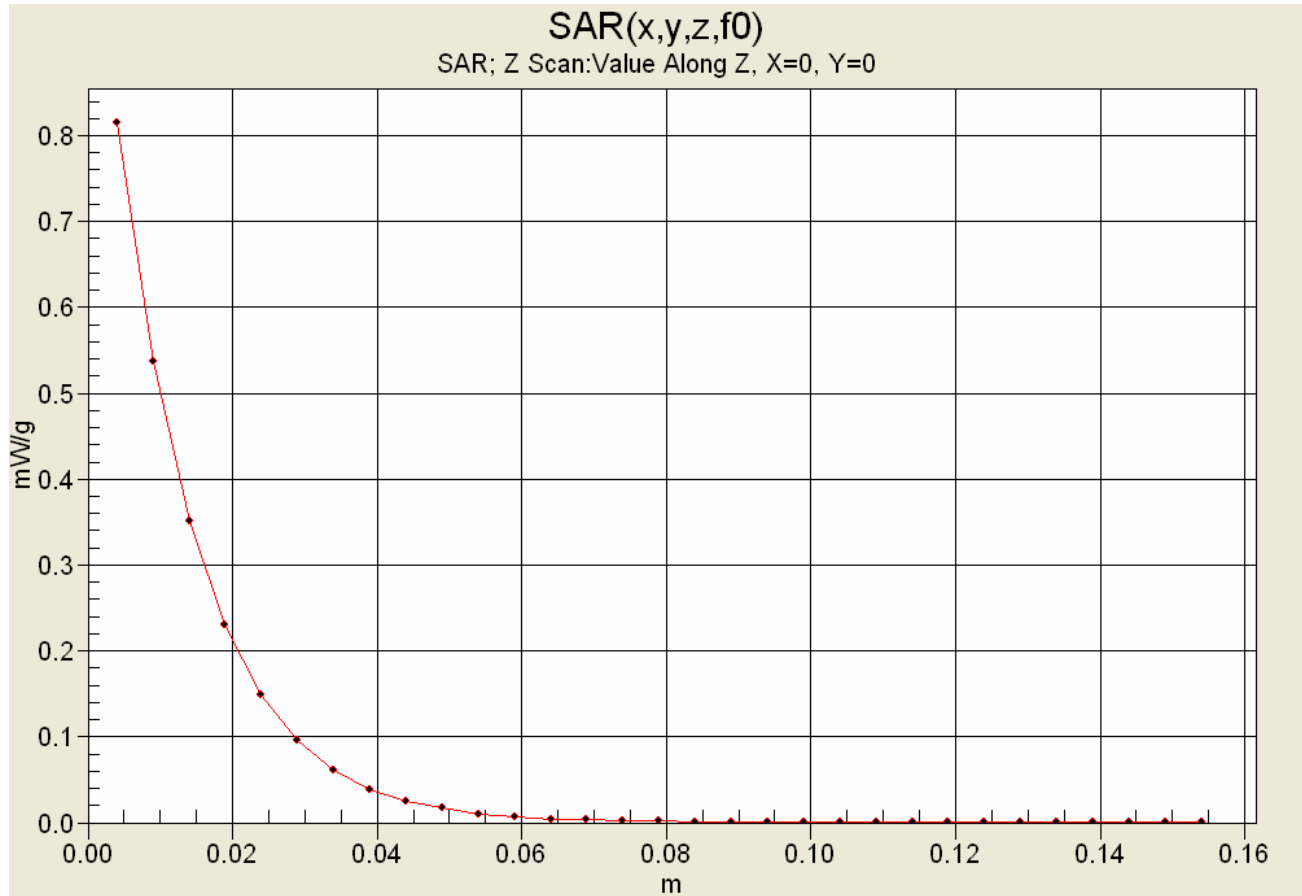


### Z-Axis Scan



	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/23/2005 (PCS CDMA)  
Date Tested: 05/26/2005 (802.11b SDIO)

**PCS CDMA Head SAR - 802.11b SDIO Head SAR - Multi-Band Grid Summation**

**Head SAR - Left Ear - Tilt Position (15°)**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

**802.11b WLAN:** Ambient Temp: 24.8 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.9 kPa; Humidity: 31%

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

Communication System: PCS CDMA

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

RF Output Power: 23.8 dBm (Conducted) PCS CDMA

Medium: HSL1880 ( $\sigma = 1.40$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

Communication System: DSSS WLAN

Frequency: 2412; Channel 1; Duty Cycle: 1:1

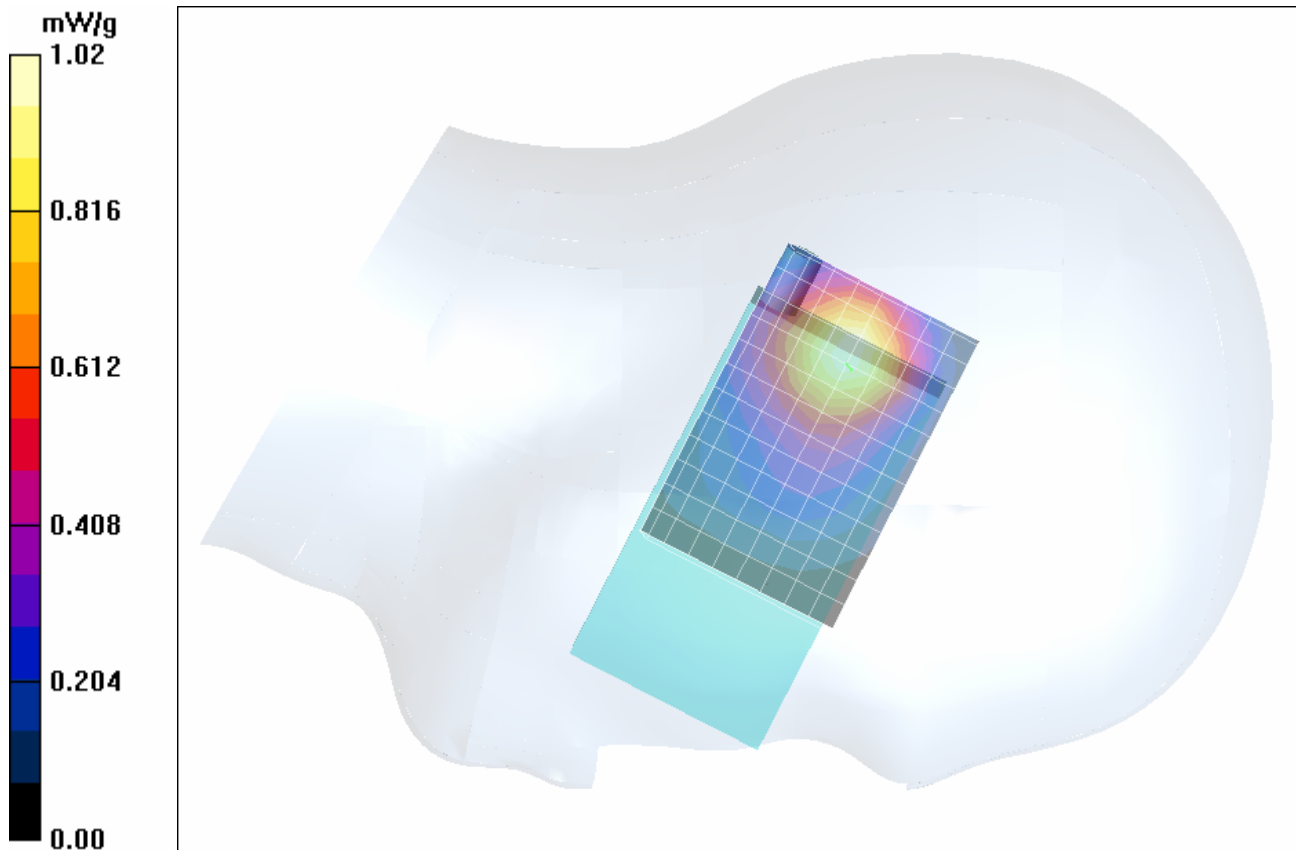
RF Output Power: 15.2 dBm (Conducted) 802.11b WLAN


Medium: HSL2450 ( $\sigma = 1.85$  mho/m,  $\epsilon_r = 37.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

- Probe: ET3DV6 - SN1387; ConvF (5.18, 5.18, 5.18) & (4.56, 4.56, 4.56); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Electronics: DAE3 Sn353; Calibrated: 06/07/2004
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Multi-Band Grid Summation:**

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.597 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/26/2005

Body SAR - 802.11b WLAN SDIO - Phone with Fitted Pouch (Back Side of DUT) - Channel 6 - Area/Zoom Scan

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

Ambient Temp: 25.3 °C; Fluid Temp: 23.9 °C; Barometric Pressure: 101.5 kPa; Humidity: 31%

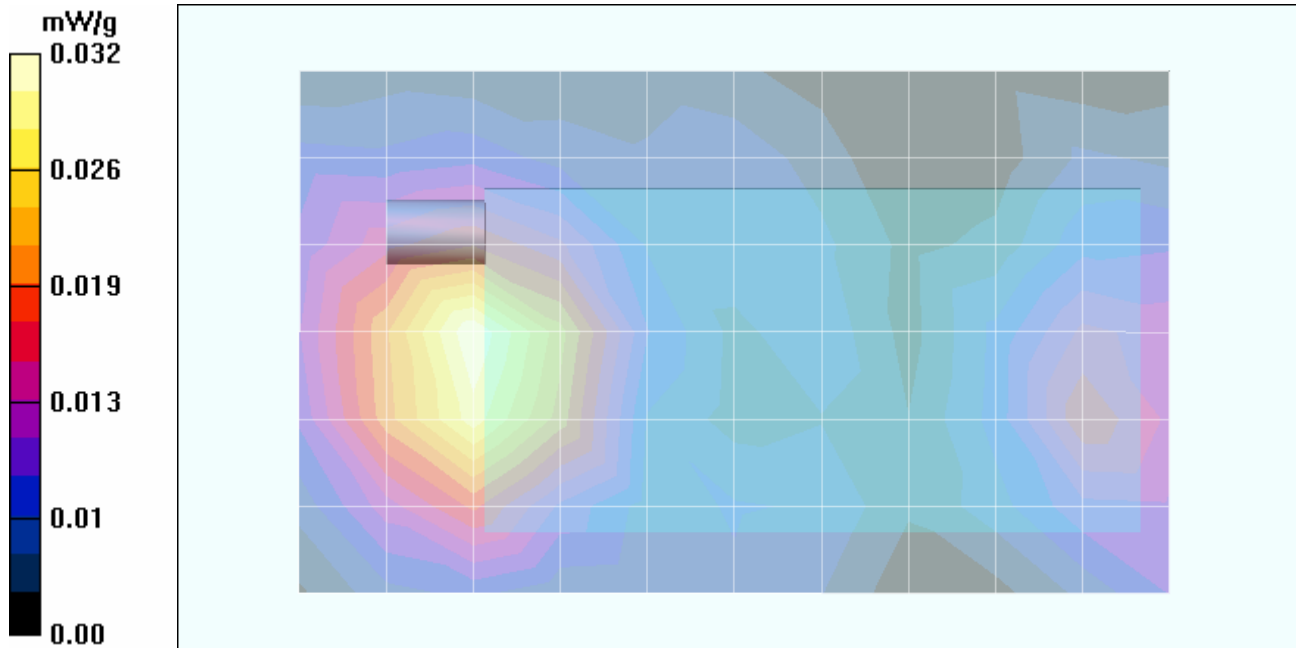
Communication System: DSSS WLAN  
 RF Output Power: 14.7 dBm (Conducted)  
 Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 50.7$ ;  $\rho = 1000 \text{ kg/m}^3$ )


- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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

**Body-Worn SAR - 802.11b SDIO in Treo XXX Phone - 2.5 cm Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Body-Worn SAR - 802.11b SDIO in Treo XXX Phone - 2.5 cm Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.60 V/m; Power Drift = -0.251 dB  
 Peak SAR (extrapolated) = 0.057 W/kg  
**SAR(1 g) = 0.0305 mW/g; SAR(10 g) = 0.018 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/26/2005

**Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 6 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

Ambient Temp: 25.3 °C; Fluid Temp: 23.9 °C; Barometric Pressure: 101.5 kPa; Humidity: 31%

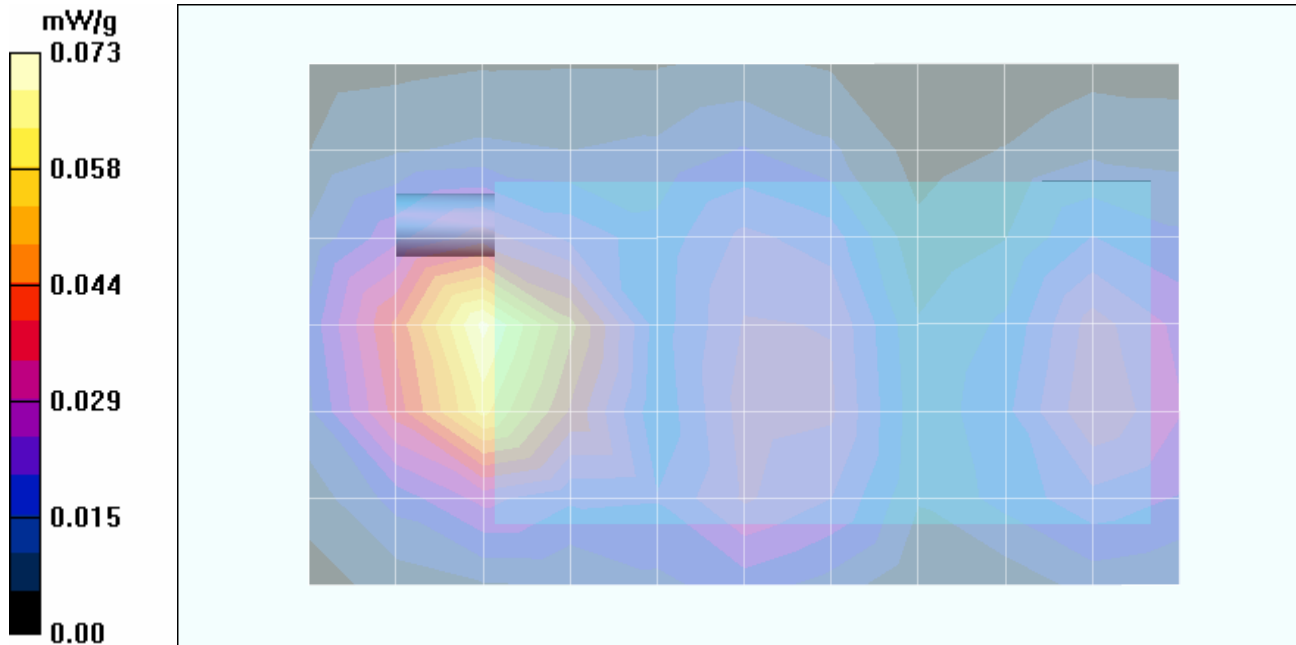
Communication System: DSSS WLAN  
 RF Output Power: 14.7 dBm (Conducted)  
 Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 50.7$ ;  $\rho = 1000 \text{ kg/m}^3$ )


- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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

**Body-Worn SAR - 802.11b SDIO in Treo XXX Phone - 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 - 802.11b SDIO in Treo XXX Phone - 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

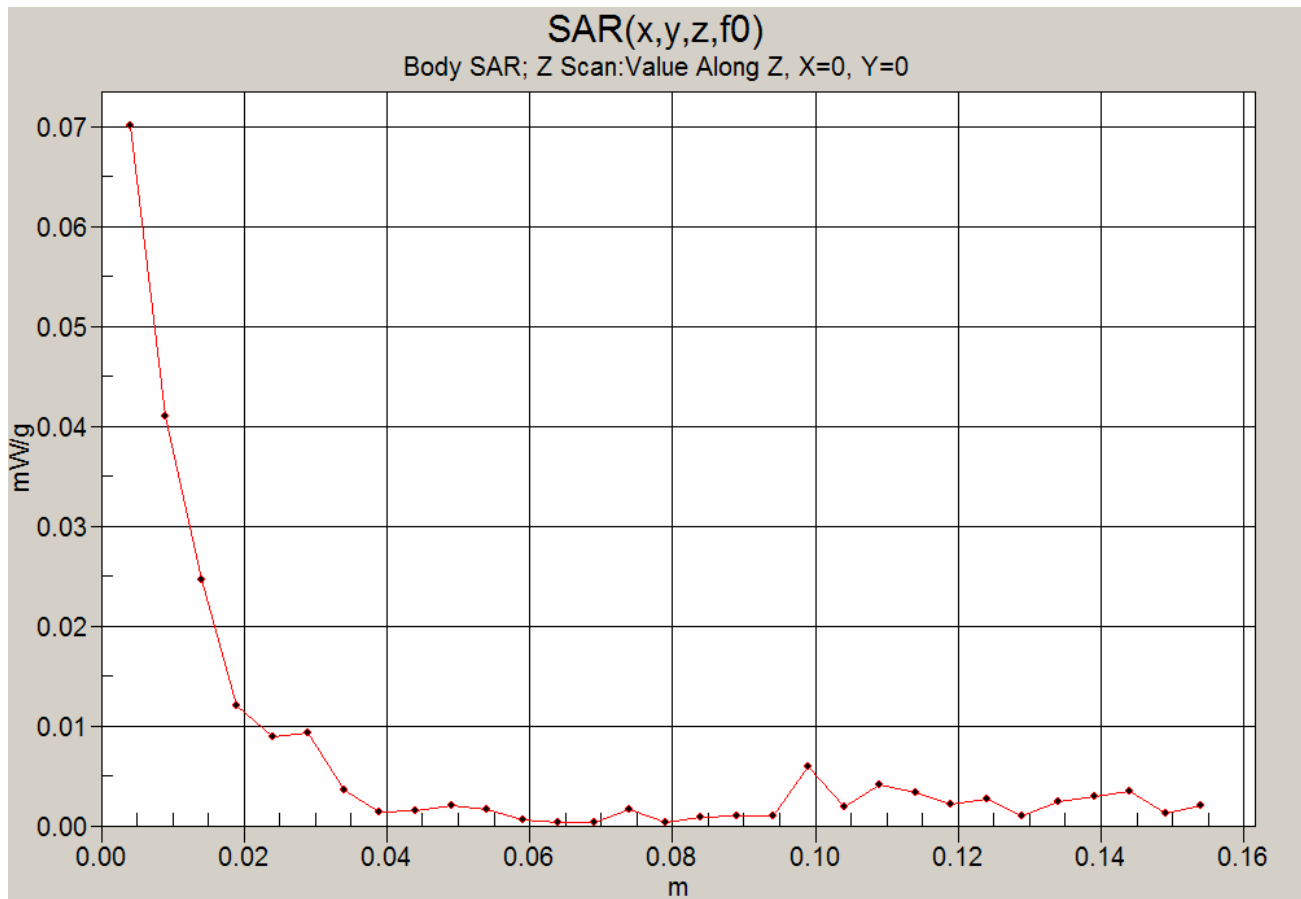
Reference Value = 3.59 V/m; Power Drift = 0.255 dB  
 Peak SAR (extrapolated) = 0.137 W/kg  
**SAR(1 g) = 0.0685 mW/g; SAR(10 g) = 0.038 mW/g**




Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

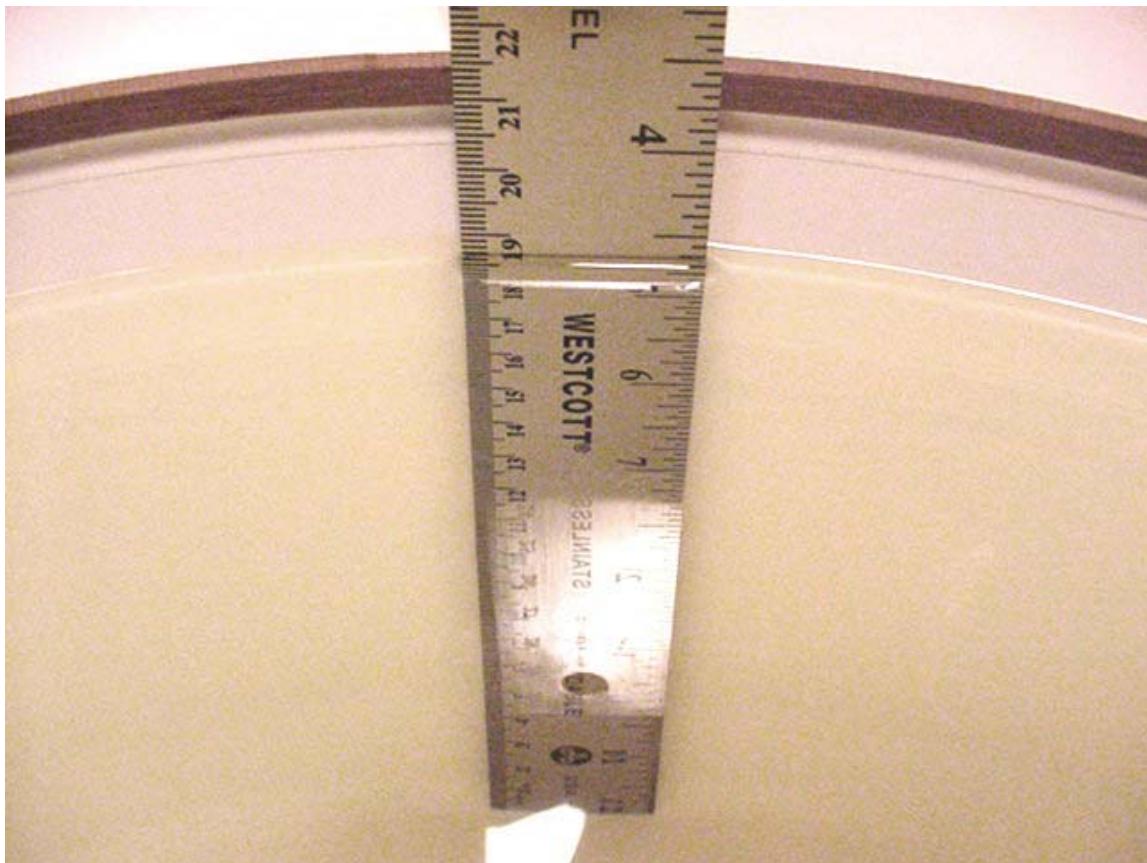
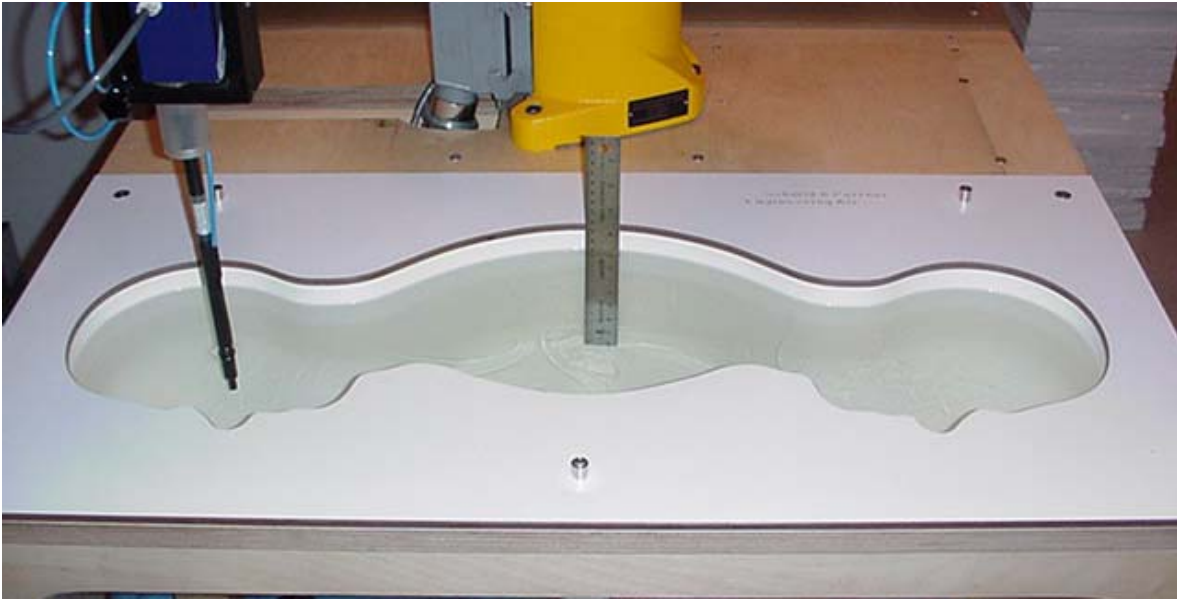
## Z-Axis Scan




Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

**Fluid Depth ( $\geq 15\text{cm}$ )**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/26/2005

Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Front Side of DUT - Channel 6 - Area/Zoom Scan

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

Ambient Temp: 25.3 °C; Fluid Temp: 23.9 °C; Barometric Pressure: 101.5 kPa; Humidity: 31%

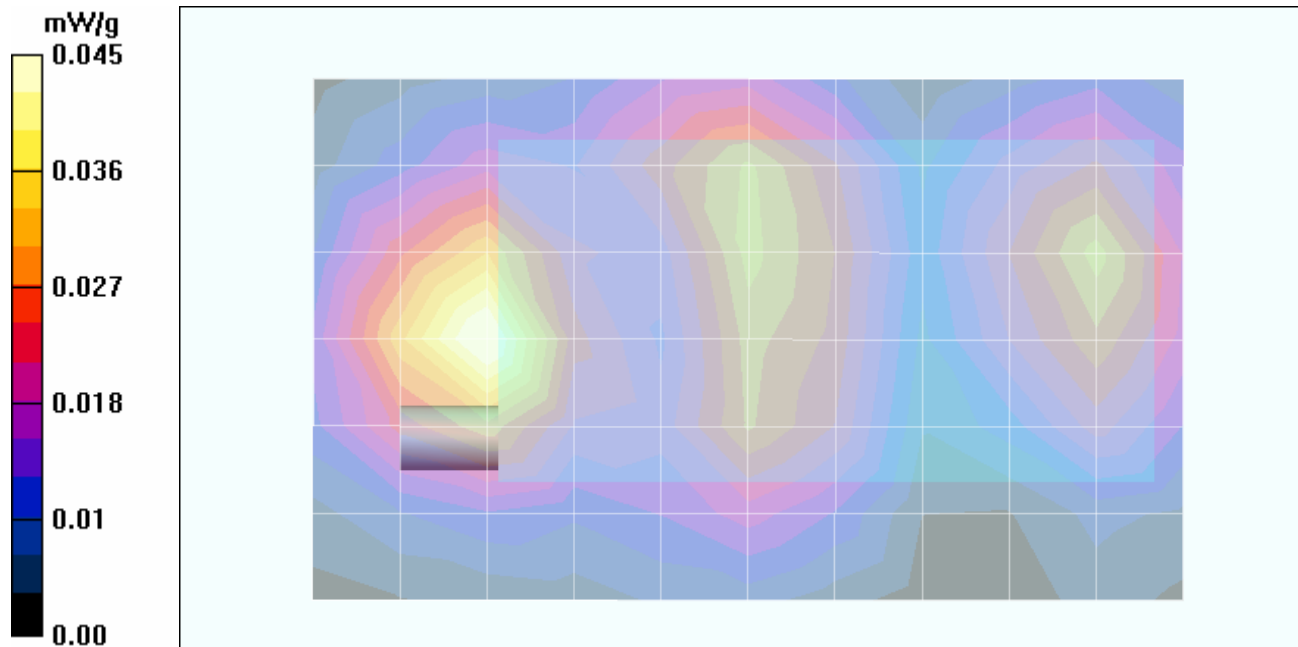
Communication System: DSSS WLAN  
 RF Output Power: 14.7 dBm (Conducted)  
 Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 50.7$ ;  $\rho = 1000 \text{ kg/m}^3$ )


- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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 - 802.11b SDIO in Treo XXX Phone - 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 - 802.11b SDIO in Treo XXX Phone - 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 = 3.75 V/m; Power Drift = 0.0123 dB  
 Peak SAR (extrapolated) = 0.092 W/kg  
**SAR(1 g) = 0.0429 mW/g; SAR(10 g) = 0.024 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 1 - Area/Zoom Scan

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX

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

Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: DSSS WLAN  
 RF Output Power: 15.2 dBm (Conducted)  
 Frequency: 2412 MHz; Channel 1; Duty Cycle: 1:1  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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

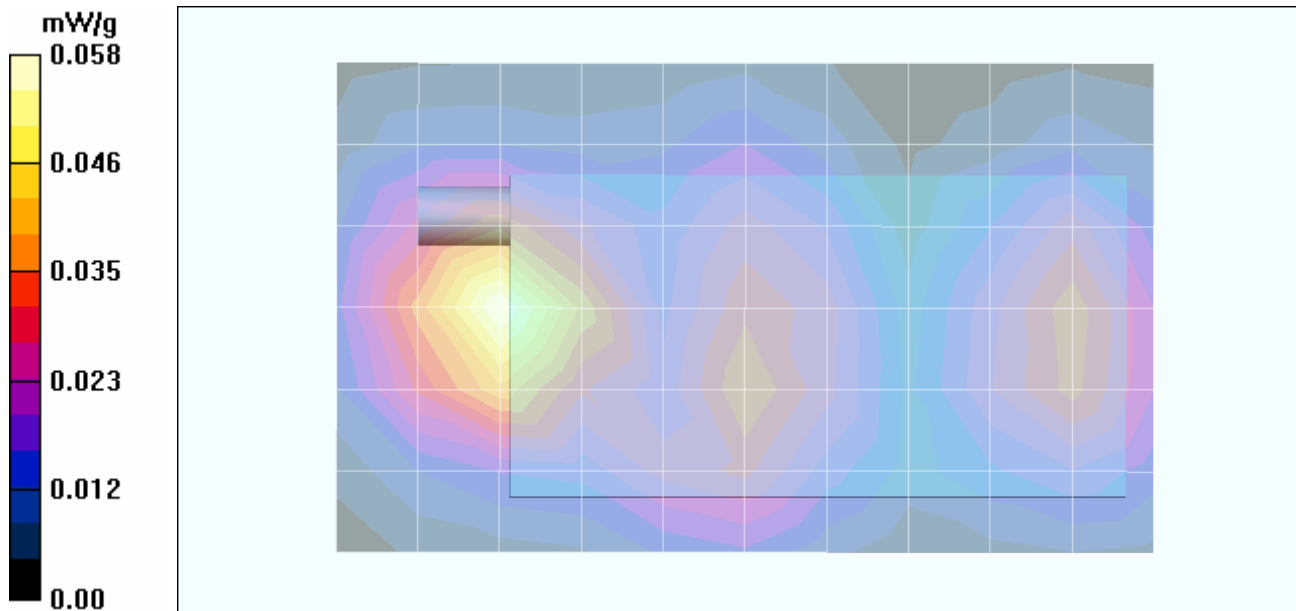
Body-Worn SAR - 802.11b SDIO in Treo XXX Phone - 1.5 cm Air-Gap Separation Distance from Back of DUT - Low Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm


Body-Worn SAR - 802.11b SDIO in Treo XXX Phone - 1.5 cm Air-Gap Separation Distance from Back of DUT - Low Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.78 V/m; Power Drift = -0.0463 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.0549 mW/g; SAR(10 g) = 0.031 mW/g



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 6 - Volume Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

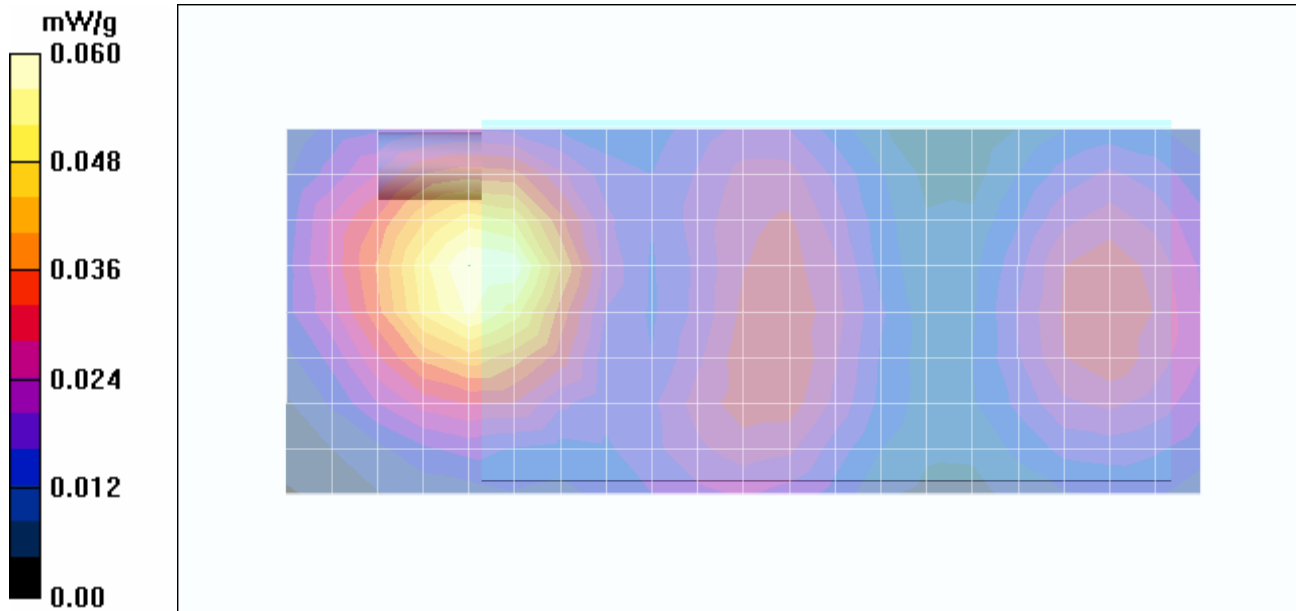
Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%


Communication System: DSSS WLAN  
 RF Output Power: 14.7 dBm (Conducted)  
 Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 2.01 \text{ mho/m}$ ;  $\epsilon_r = 50.3$ ;  $\rho = 1000 \text{ kg/m}^3$ )

- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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

**Body-Worn SAR - 802.11b SDIO in Treo XXX Phone - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Volume Scan (9x21x7):** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.69 V/m; Power Drift = -0.296 dB  
 Peak SAR (extrapolated) = 0.129 W/kg  
**SAR(1 g) = 0.0580 mW/g; SAR(10 g) = 0.032 mW/g**  
 Total Absorbed Power = 0.00272282 W



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 6 - Area/Zoom Scan Simultaneous Transmit with Co-located Bluetooth**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

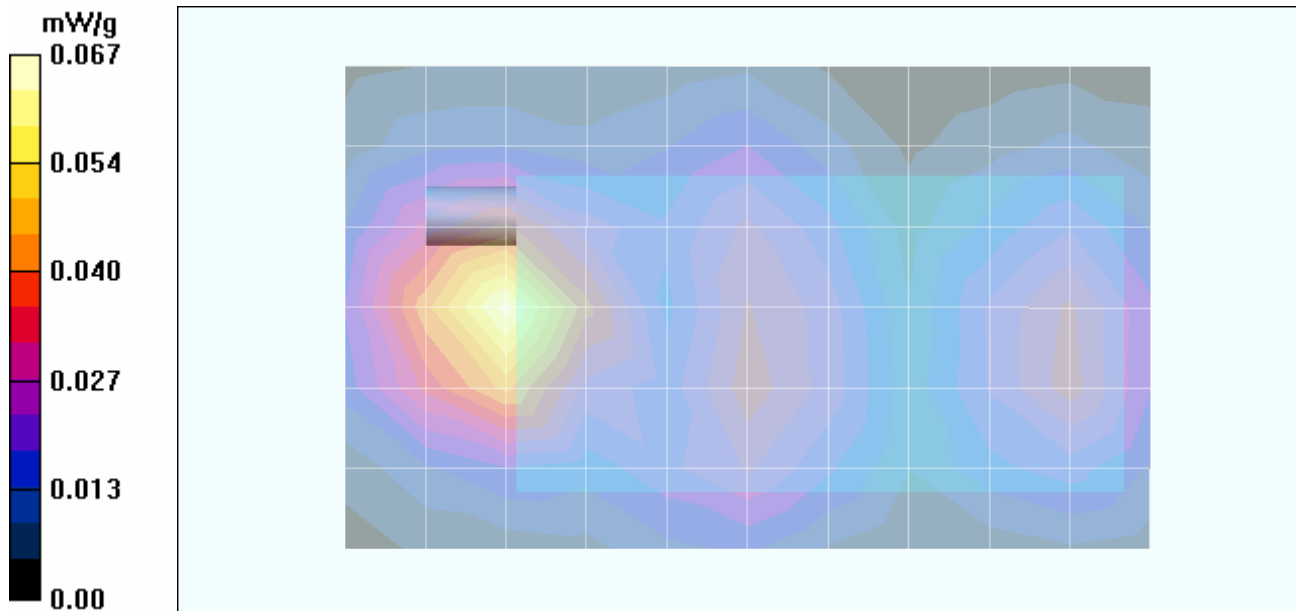
Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%


Communication System: DSSS WLAN  
 RF Output Power: 14.7 dBm (Conducted)  
 Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
 Communication System: FHSS (Bluetooth)  
 RF Output Power: 0 dBm (Peak Conducted)  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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 - 802.11b SDIO IN Treo XXX Phone with Bluetooth - 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 - 802.11b SDIO IN Treo XXX Phone with Bluetooth - 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 = 3.95 V/m; Power Drift = -0.221 dB  
 Peak SAR (extrapolated) = 0.131 W/kg  
**SAR(1 g) = 0.0609 mW/g; SAR(10 g) = 0.033 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 6 - Volume Scan Simultaneous Transmit with Co-located Bluetooth**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

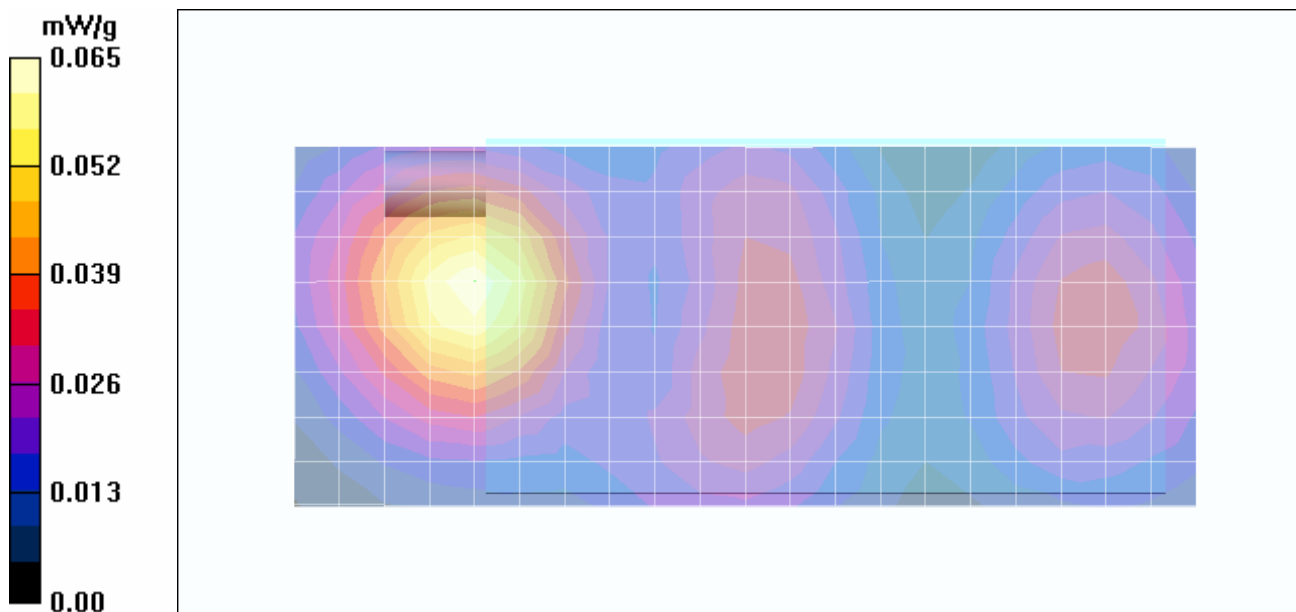
**Body-Worn Accessories: None (1.5 cm Air-Gap Spacing); Audio Accessory: Generic Ear-Microphone**


Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: DSSS WLAN  
 RF Output Power: 14.7 dBm (Conducted)  
 Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
 Communication System: FHSS (Bluetooth)  
 RF Output Power: 0 dBm (Peak Conducted)  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

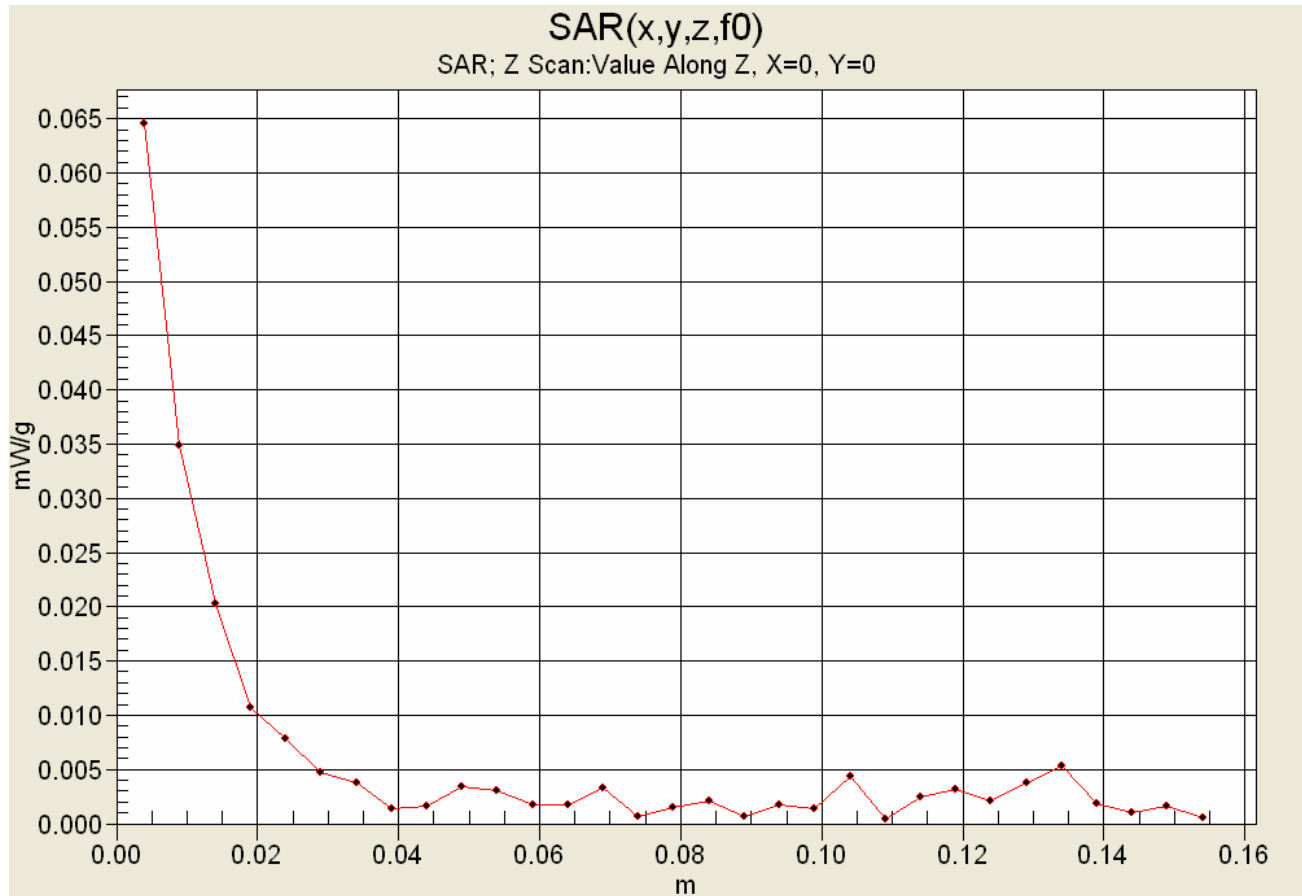
- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASy4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-Worn SAR - 802.11b SDIO IN Treo XXX Phone with Bluetooth - 1.5 cm Air-Gap Separation Distance from Back of DUT Mid Channel/Volume Scan (9x21x7):** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 3.87 V/m; Power Drift = 0.115 dB  
 Peak SAR (extrapolated) = 0.200 W/kg  
**SAR(1 g) = 0.0610 mW/g; SAR(10 g) = 0.033 mW/g**  
 Total Absorbed Power = 0.00299191 W



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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### Z-Axis Scan



	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

Body SAR - 802.11b WLAN SDIO - 1.5 cm Air-Gap Spacing - Back Side of DUT - Channel 11 - Area/Zoom Scan

DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX

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

Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

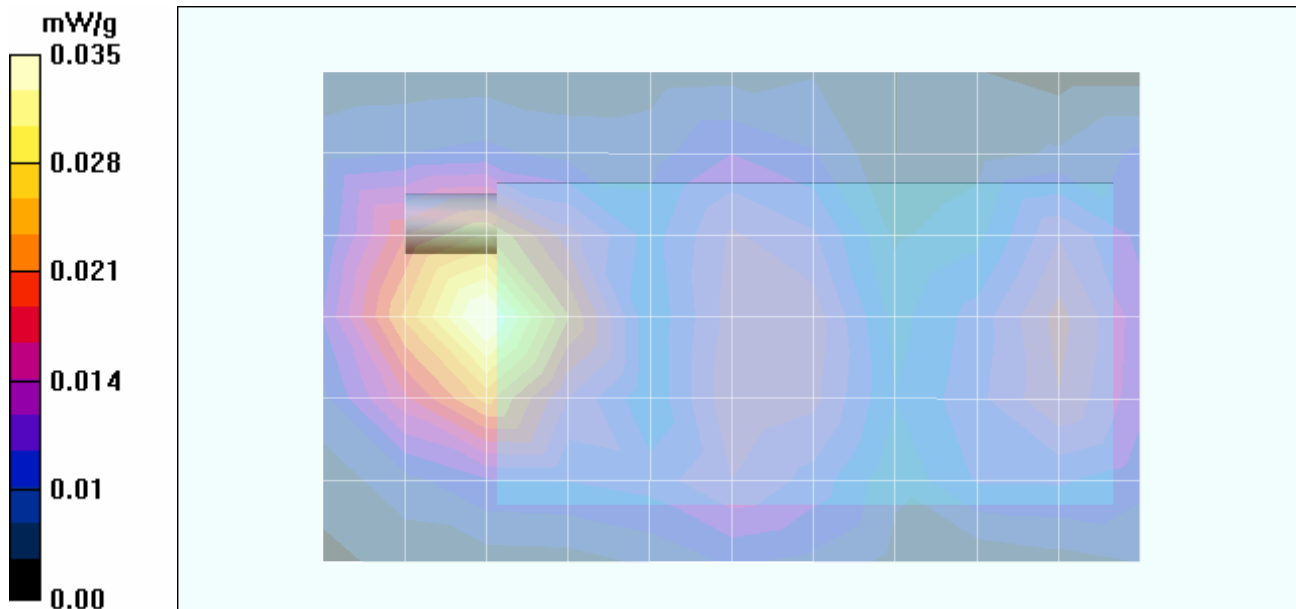
Communication System: DSSS WLAN  
 RF Output Power: 14.2 dBm (Conducted)  
 Frequency: 2462 MHz; Channel 11; Duty Cycle: 1:1  
 Power: Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)  
 Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)


- Probe: ET3DV6 - SN1387; ConvF(4.3, 4.3, 4.3); 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 - 802.11b SDIO IN Treo XXX Phone - 1.5 cm Air-Gap Separation Distance from Back of DUT - High Channel Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn SAR - 802.11b SDIO IN Treo XXX Phone - 1.5 cm Air-Gap Separation Distance from Back of DUT - High Channel Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.62 V/m; Power Drift = 0.229 dB  
 Peak SAR (extrapolated) = 0.063 W/kg  
**SAR(1 g) = 0.0325 mW/g; SAR(10 g) = 0.018 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/25/2005

**Body SAR - Cellular CDMA - 802.11b Installed - Phone with Fitted Pouch (Back Side) - Ch. 384 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

**Body-Worn Accessories: Fitted Pouch with 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/m<sup>3</sup>)

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

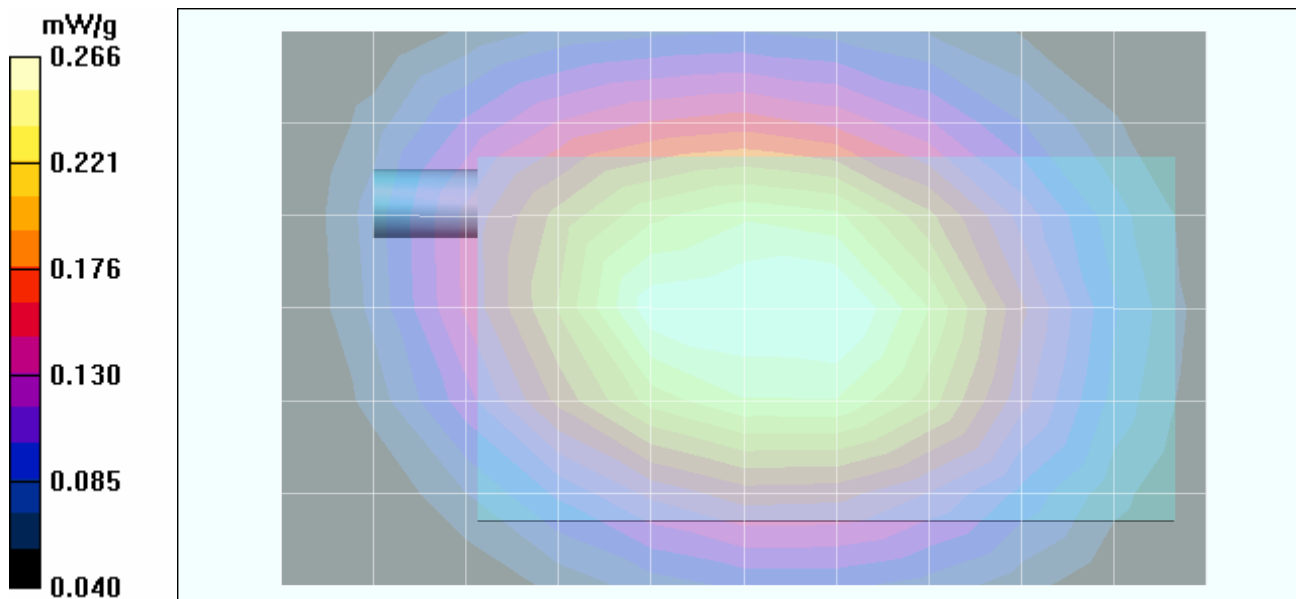
**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 2.5 cm Fitted Pouch & Swivel Belt-Clip Separation Distance Mid Channel/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm


**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 2.5 cm Fitted Pouch & Swivel Belt-Clip Separation Distance Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.0592 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.189 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/25/2005

**Body SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Back Side - Ch. 384 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

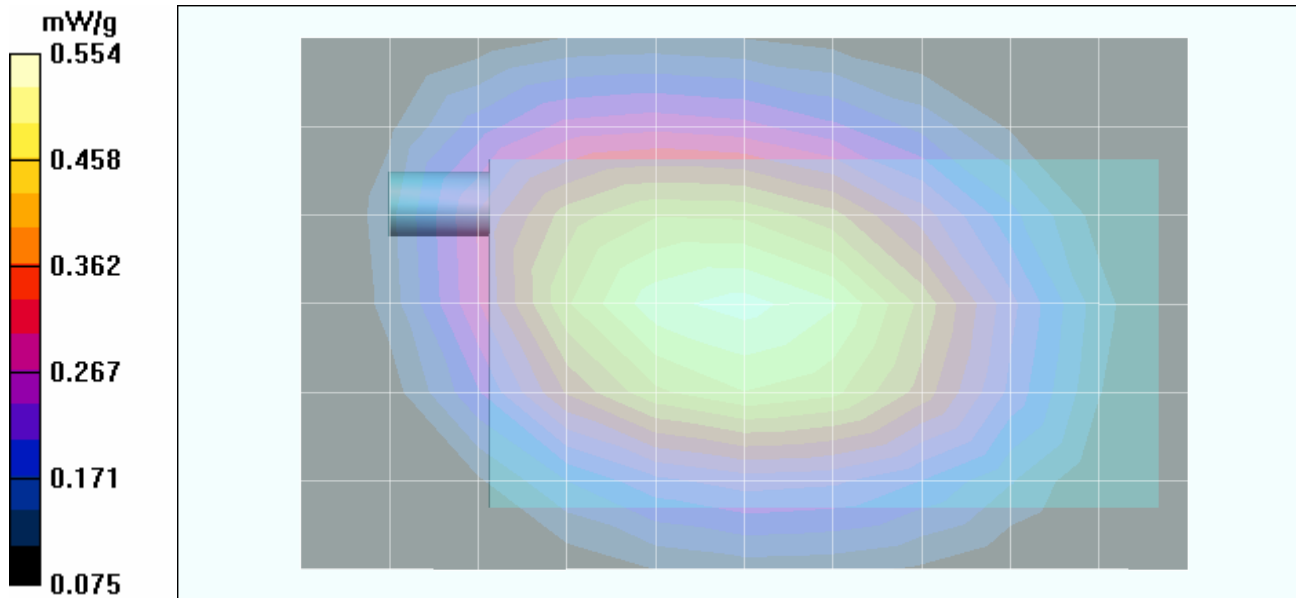
Ambient Temp: 24.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%


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/m<sup>3</sup>)

- 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

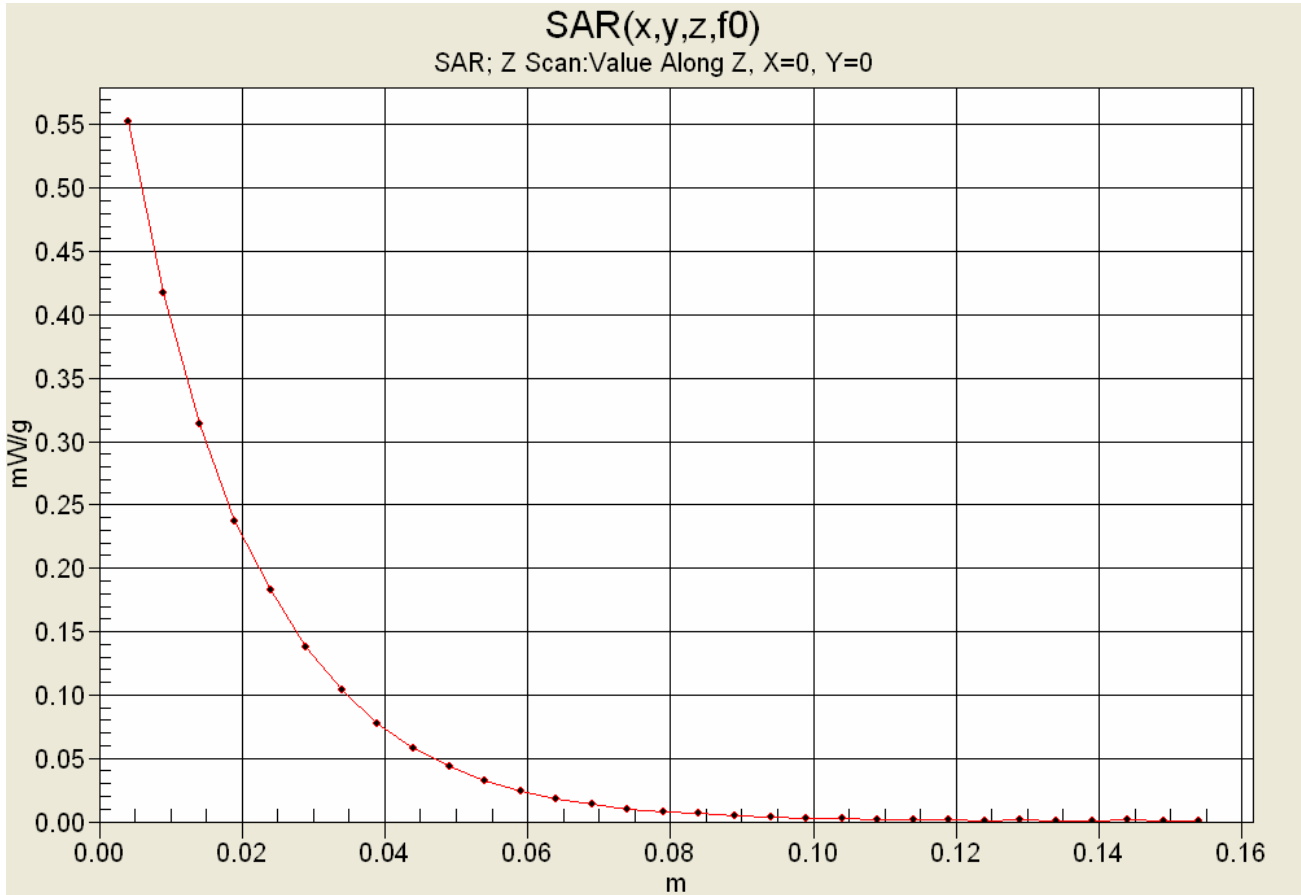
**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 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 = 24.6 V/m; Power Drift = 0.0129 dB  
 Peak SAR (extrapolated) = 0.682 W/kg  
**SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.384 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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### Z-Axis Scan





	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Back Side - Ch. 384 - Area/Zoom Scan Simultaneous Transmit with Co-located Bluetooth**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

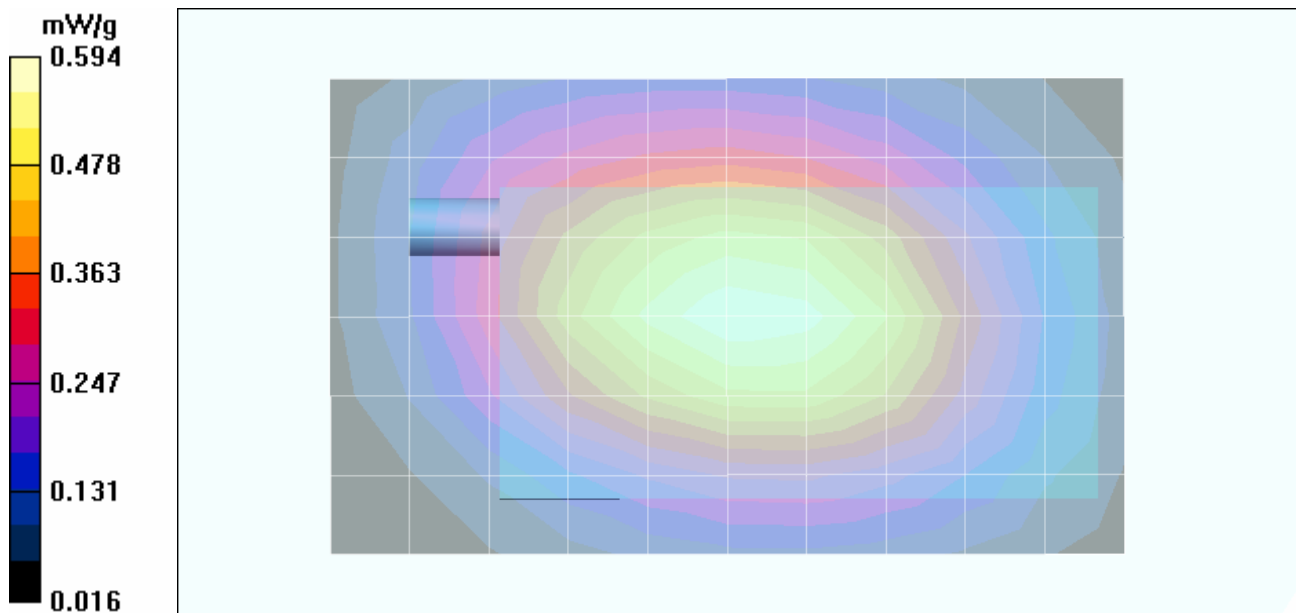
Ambient Temp: 24.2 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%


Communication System: Cellular CDMA  
 RF Output Power: 23.8 dBm (Conducted)  
 Frequency: 836.52 MHz; Channel 384; 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/m<sup>3</sup>)

- 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 CDMA with Bluetooth - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Back of DUT Mid Channel/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

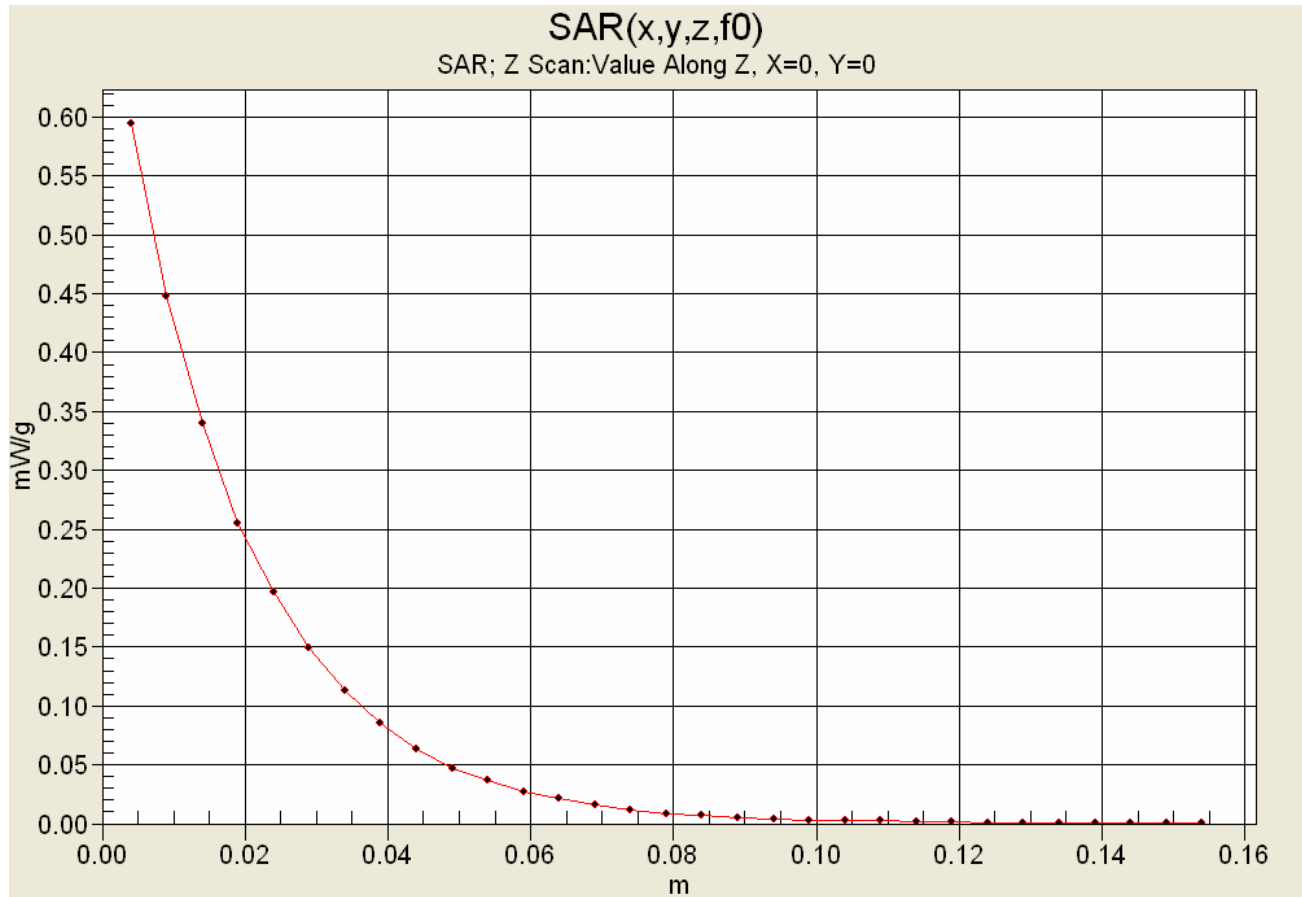
**Body-Worn SAR - Cellular CDMA with Bluetooth - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Back of DUT Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 25.1 V/m; Power Drift = -0.0625 dB  
 Peak SAR (extrapolated) = 0.719 W/kg  
**SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.411 mW/g**




Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

### Z-Axis Scan



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Back Side - Ch. 384 - Volume Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

**Body-Worn Accessories: None (1.5 cm Air-Gap Spacing); 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: 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 ( $\sigma = 0.97$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

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

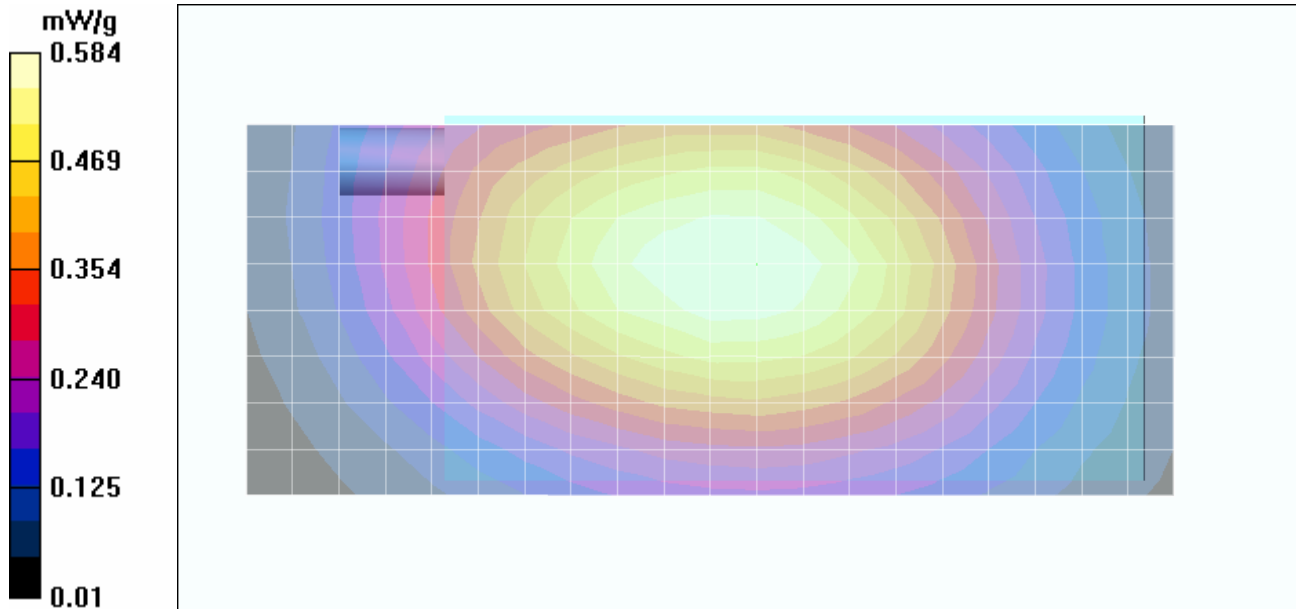
**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Volume Scan (9x13x7):** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 25.6 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.407 mW/g**

Total Absorbed Power = 0.0471219 W



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005 (Cellular CDMA)  
Date Tested: 08/30/2005 (802.11b SDIO)

## Cellular CDMA Body SAR - 802.11b SDIO Body SAR - Multi-Band Grid Summation

### Body-Worn SAR - 1.5 cm Air-Gap Spacing - Back Side of Treo XXX Phone

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

**Cellular CDMA:** Ambient Temp: 24.2 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%  
**802.11b WLAN:** Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

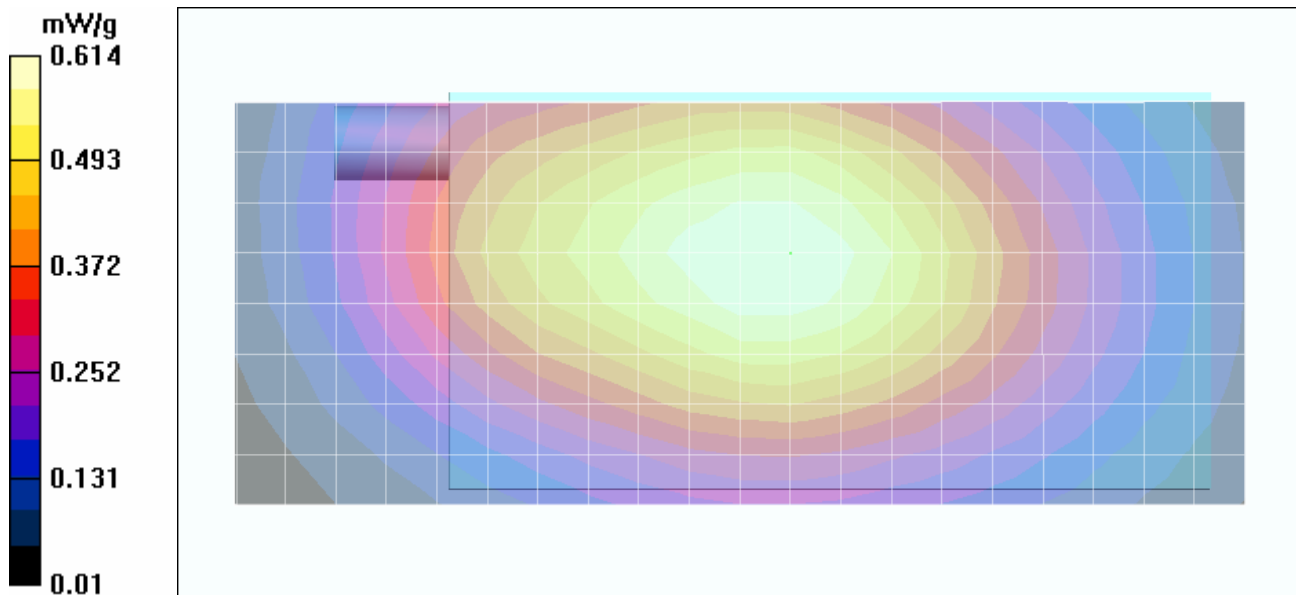
Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)


Communication System: Cellular CDMA  
Frequency: 836.52 MHz; Channel 384; Duty Cycle: 1:1  
RF Output Power: 23.8 dBm (Conducted)  
Medium: M835 ( $\sigma = 0.97$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

Communication System: DSSS WLAN  
Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
RF Output Power: 14.7 dBm (Conducted)  
Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1) & ConvF(4.3, 4.3, 4.3); 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

**Multi-Band Grid Summation:**  
**SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.422 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005 (Cellular CDMA)  
Date Tested: 08/30/2005 (802.11b SDIO & Bluetooth)

**Cellular CDMA Body SAR - 802.11b SDIO & Bluetooth Body SAR - Multi-Band Grid Summation**

**Body-Worn SAR - 1.5 cm Air-Gap Spacing - Back Side of Treo XXX Phone**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

**Cellular CDMA:** Ambient Temp: 24.2 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%  
**802.11b WLAN:** Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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

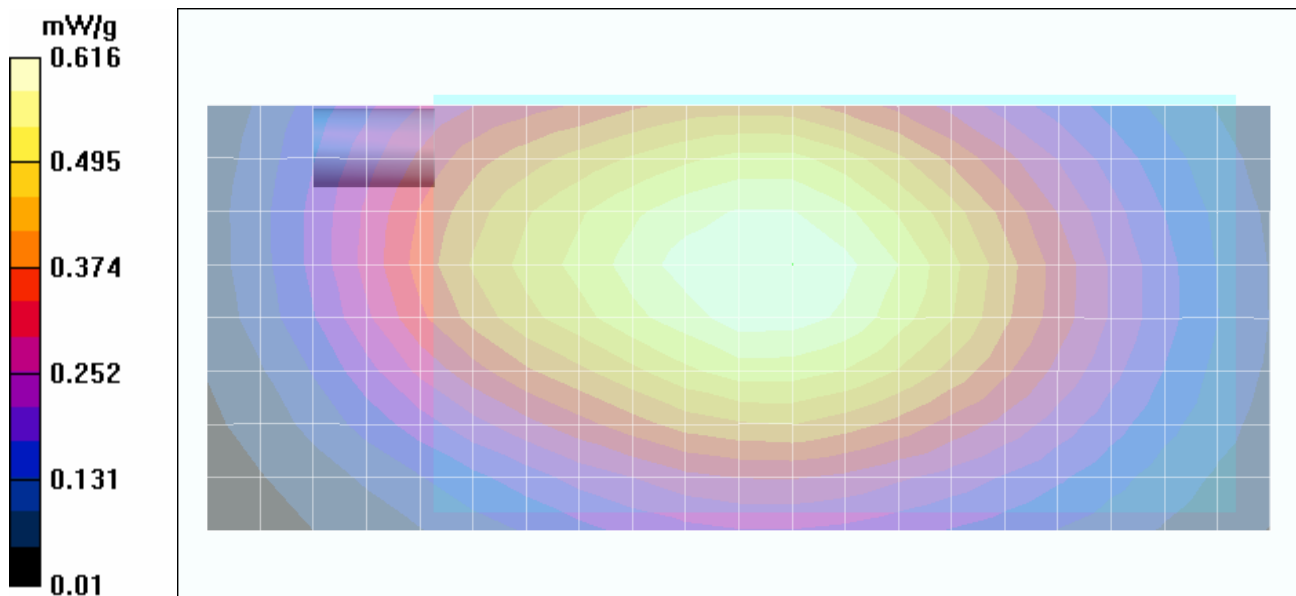
Communication System: Cellular CDMA  
Frequency: 836.52 MHz; Channel 384; Duty Cycle: 1:1  
RF Output Power: 23.8 dBm (Conducted)  
Medium: M835 ( $\sigma = 0.97$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>)


Communication System: DSSS WLAN  
Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
RF Output Power: 14.7 dBm (Conducted)  
Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

Communication System: FHSS Bluetooth  
RF Output Power: 0 dBm (Peak Conducted)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1) & ConvF(4.3, 4.3, 4.3); 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

**Multi-Band Grid Summation:**  
**SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.425 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/25/2005

**Body SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Front Side - Ch. 384 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & 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 ( $\sigma = 0.98 \text{ mho/m}$   $\epsilon_r = 54.0$ ;  $\rho = 1000 \text{ kg/m}^3$ )

- 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

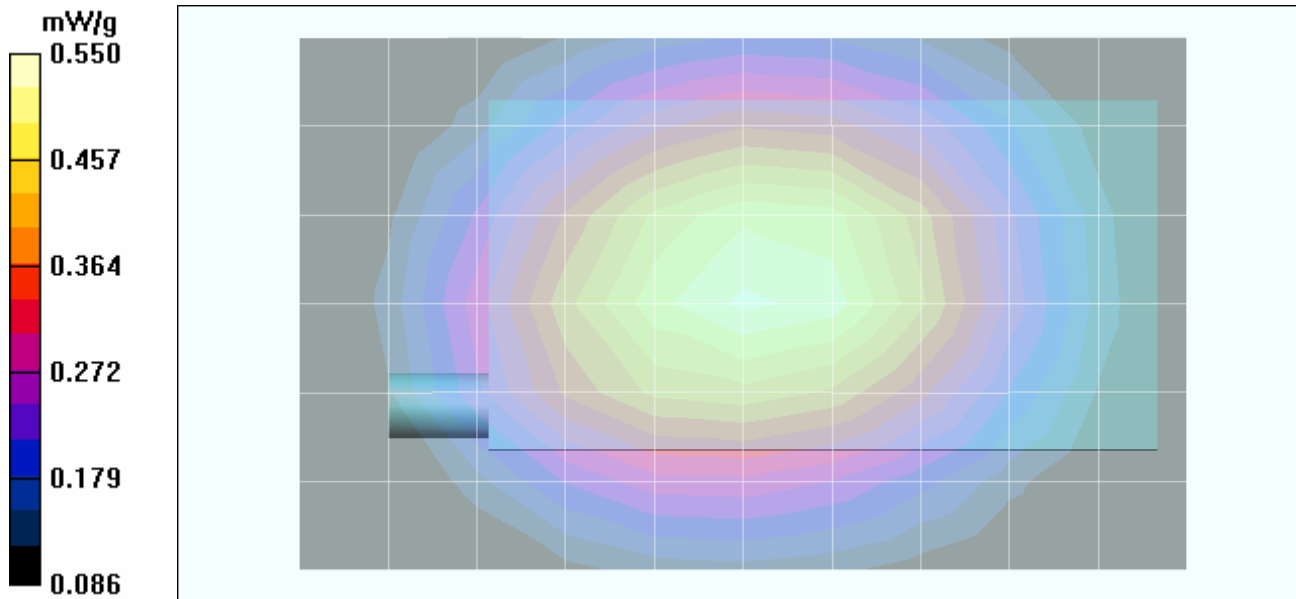
**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Front of DUT - Mid Channel Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm


**Body-Worn SAR - Cellular CDMA - 802.11b Installed - 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 = 24.4 V/m; Power Drift = 0.0370 dB

Peak SAR (extrapolated) = 0.656 W/kg

**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.390 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/24/2005

**Body SAR - PCS CDMA - 802.11b Installed - Phone with Fitted Pouch (Back Side) - Ch. 600 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

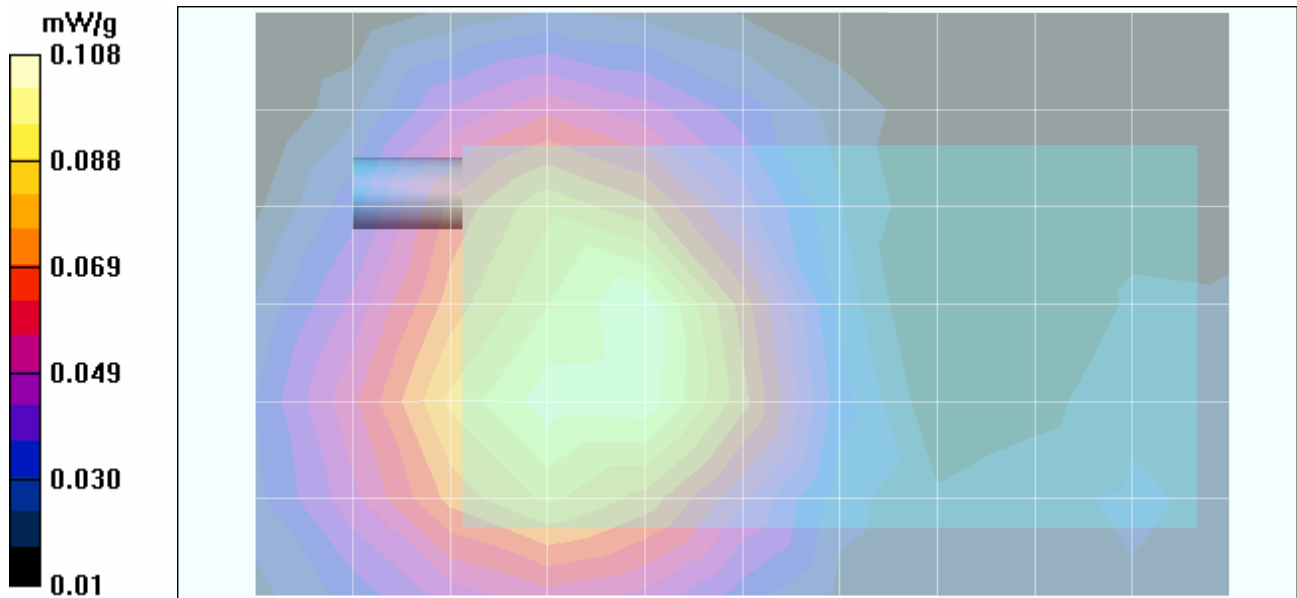
Ambient Temp: 25.5 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 101.8 kPa; Humidity: 30%


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 ( $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.0$ ;  $\rho = 1000 \text{ kg/m}^3$ )

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

**Body-Worn SAR - PCS CDMA - 802.11b Installed - 2.5 cm Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

**Body-Worn SAR - PCS CDMA - 802.11b Installed - 2.5 cm Pouch & Swivel Belt-Clip Separation Distance - Mid Channel Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.18 V/m; Power Drift = -0.00461 dB  
 Peak SAR (extrapolated) = 0.145 W/kg  
**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.066 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/24/2005

**Body SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Back Side - Ch. 600 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & 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

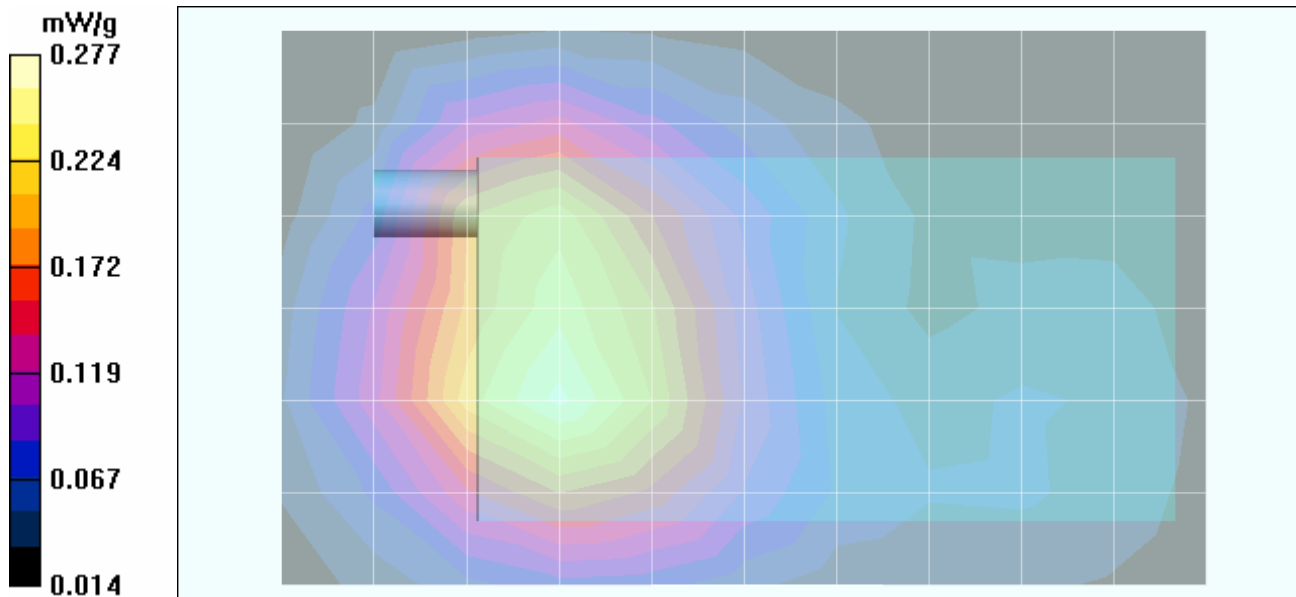
**Body-Worn SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm


**Body-Worn SAR - PCS CDMA - 802.11b Installed - 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 = 10.8 V/m; Power Drift = -0.0976 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.167 mW/g**

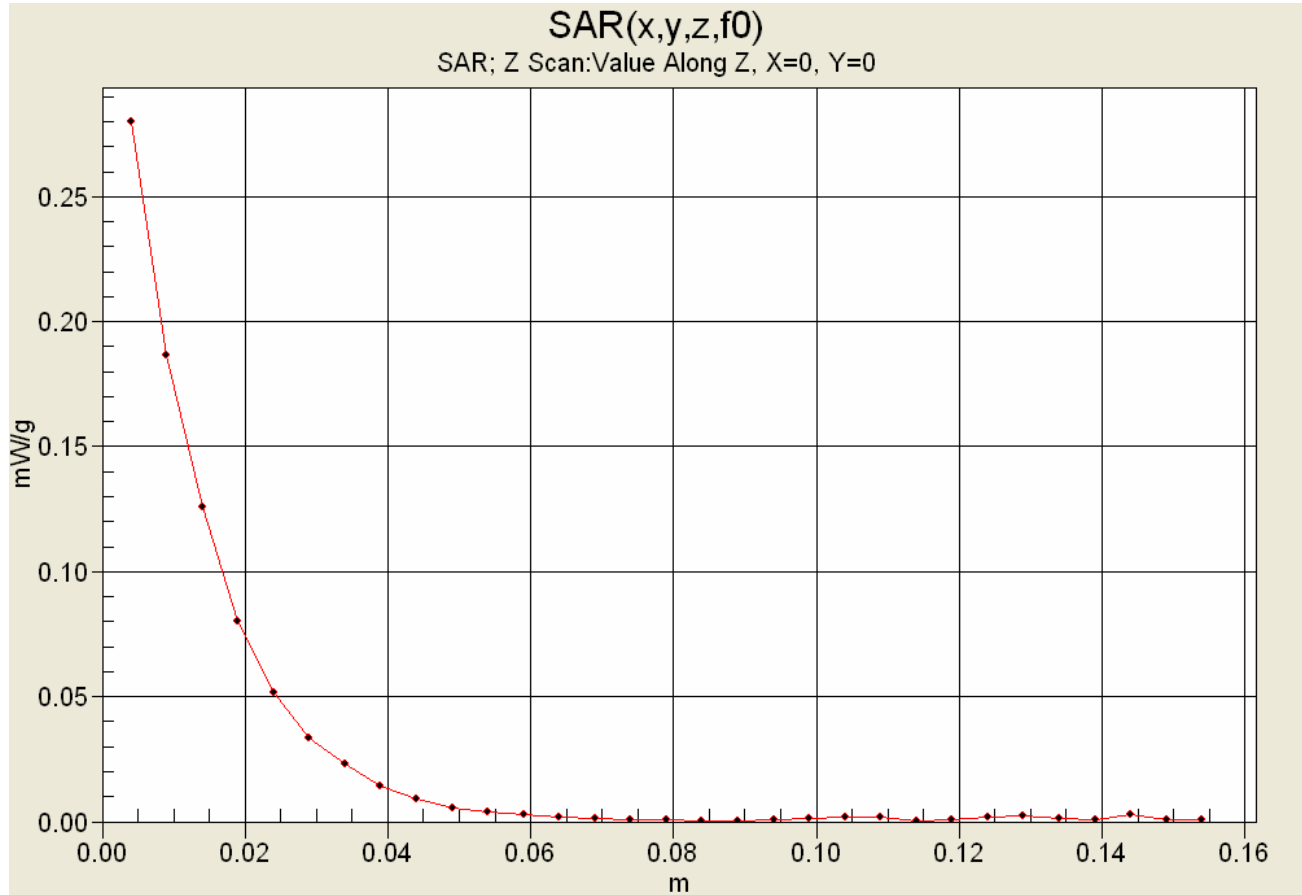



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

### Z-Axis Scan



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX		
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card								
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Back Side - Ch. 600 - Area/Zoom Scan Simultaneous Transmit with Co-located Bluetooth**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

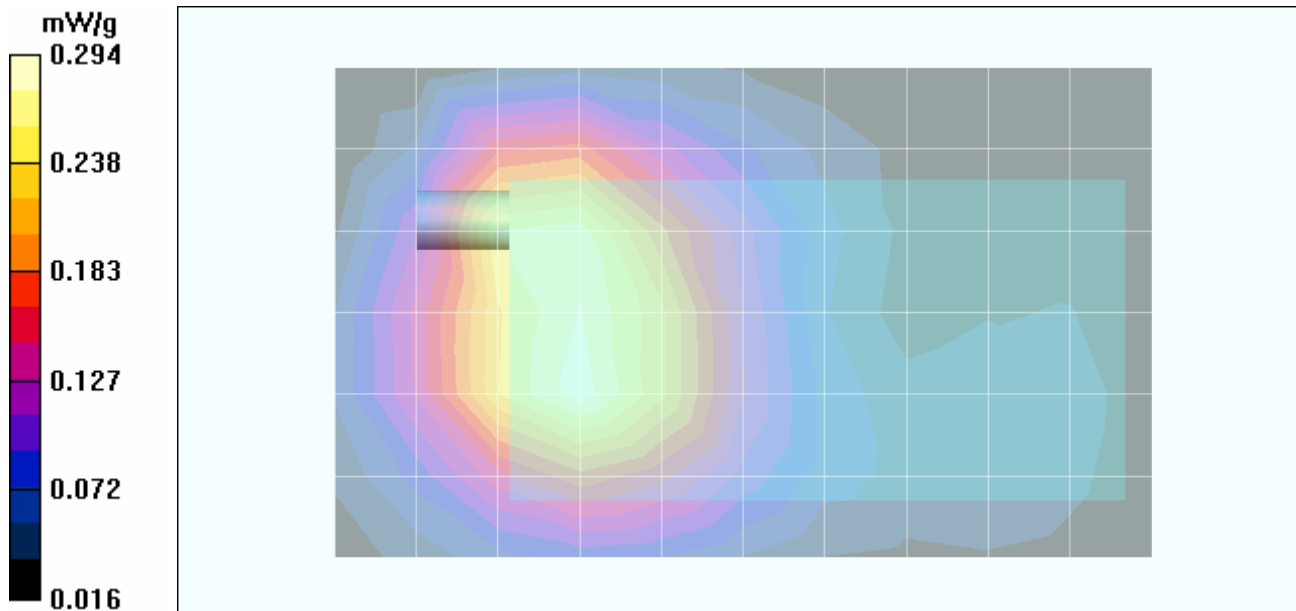
Ambient Temp: 23.4 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%


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 CDMA with Bluetooth - 802.11b Installed - 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 CDMA with Bluetooth - 802.11b Installed - 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 = 10.9 V/m; Power Drift = -0.0152 dB  
 Peak SAR (extrapolated) = 0.408 W/kg  
**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.180 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005

**Body SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Back Side - Ch. 600 - Volume Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & 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)

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

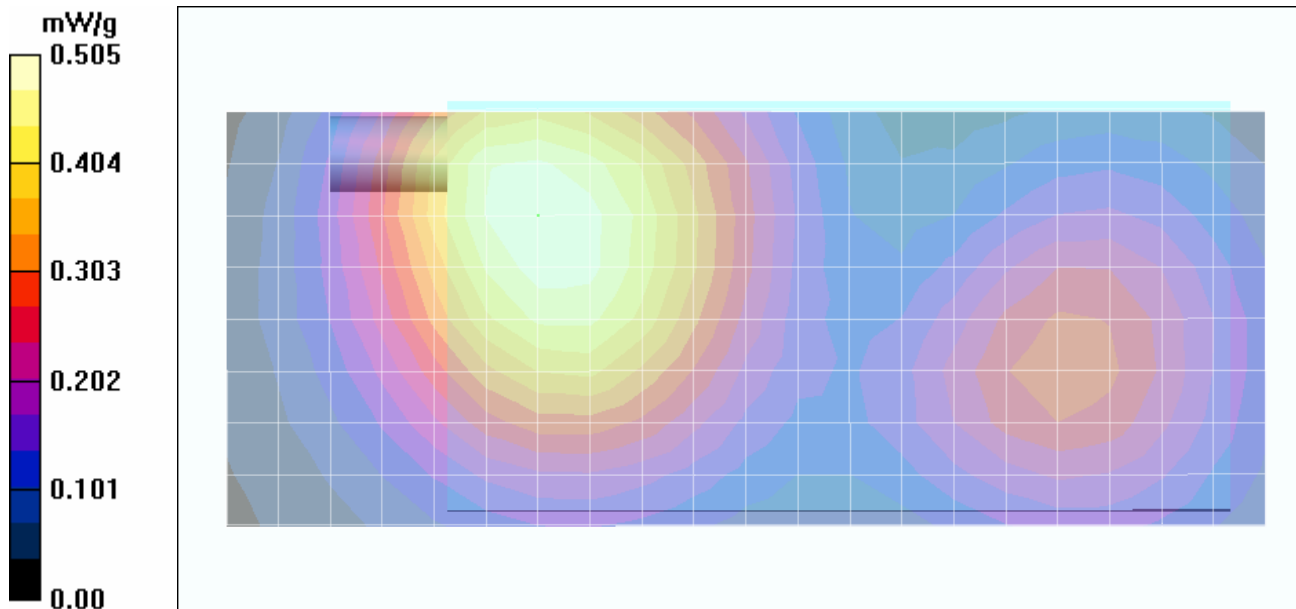
**Body-Worn SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Back of DUT - Mid Channel Volume Scan (9x13x7):** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 10.8 V/m; Power Drift = -0.211 dB

Peak SAR (extrapolated) = 0.368 W/kg

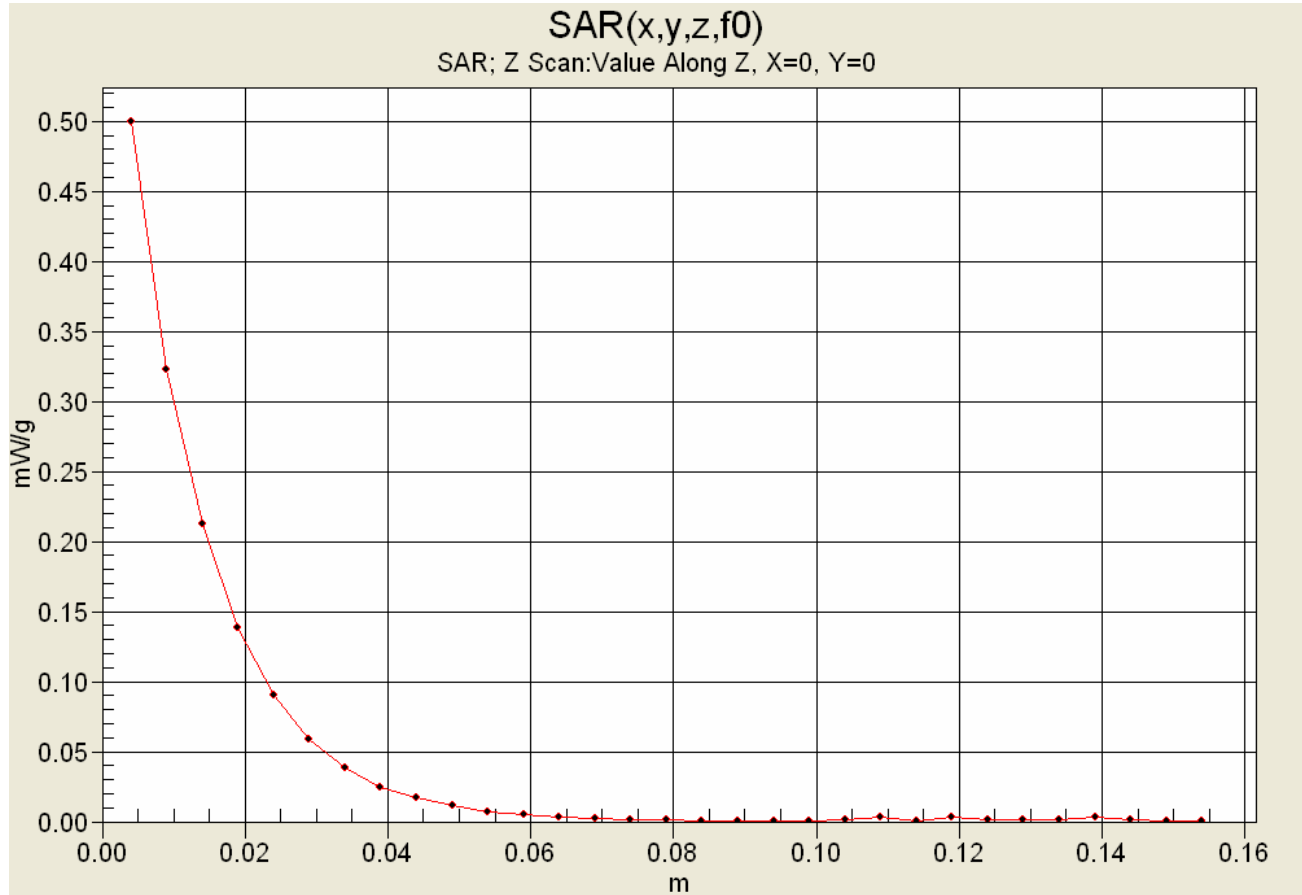
**SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.308 mW/g**

Total Absorbed Power = 0.0295869 W



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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### Z-Axis Scan



	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005 (PCS CDMA)  
Date Tested: 08/30/2005 (802.11b SDIO)

**PCS CDMA Body SAR - 802.11b SDIO Body SAR - Multi-Band Grid Summation**

**Body-Worn SAR - 1.5 cm Air-Gap Spacing - Back Side of Treo XXX Phone**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

**PCS CDMA:** Ambient Temp: 23.4 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%  
**802.11b WLAN:** Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

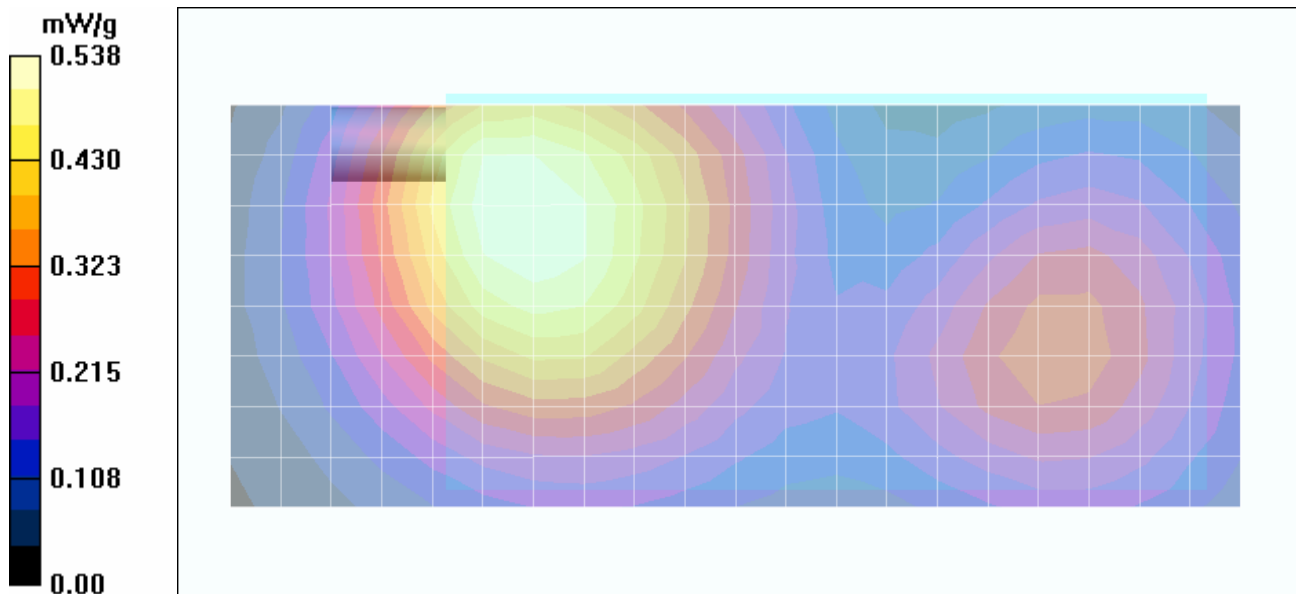
Li-ion Battery Pack in Treo Phone (P/N: 157-10014-00)


Communication System: PCS CDMA  
Frequency: 1880.00 MHz; Channel 600; Duty Cycle: 1:1  
RF Output Power: 23.8 dBm (Conducted)  
Medium: M1880 ( $\sigma = 1.58$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

Communication System: DSSS WLAN  
Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
RF Output Power: 14.7 dBm (Conducted)  
Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75) & ConvF(4.3, 4.3, 4.3); 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

**Multi-Band Grid Summation:**  
**SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.328 mW/g**



<b>Applicant:</b>	Palm, Inc.	<b>FCC ID:</b>	O8FJIMI	<b>IC ID:</b>	3905A-JIMI	<b>Model:</b>	Treo XXX	
<b>DUT Type:</b>	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/30/2005 (PCS CDMA with Bluetooth)  
Date Tested: 08/30/2005 (802.11b SDIO)

**PCS CDMA Body SAR - 802.11b SDIO & Bluetooth Body SAR - Multi-Band Grid Summation**

**Body-Worn SAR - 1.5 cm Air-Gap Spacing - Back Side of Treo XXX Phone**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & Bluetooth; Serial: PWVC0835H0AX**

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

**PCS CDMA:** Ambient Temp: 23.4 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.2 kPa; Humidity: 34%  
**802.11b WLAN:** Ambient Temp: 25.0 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

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

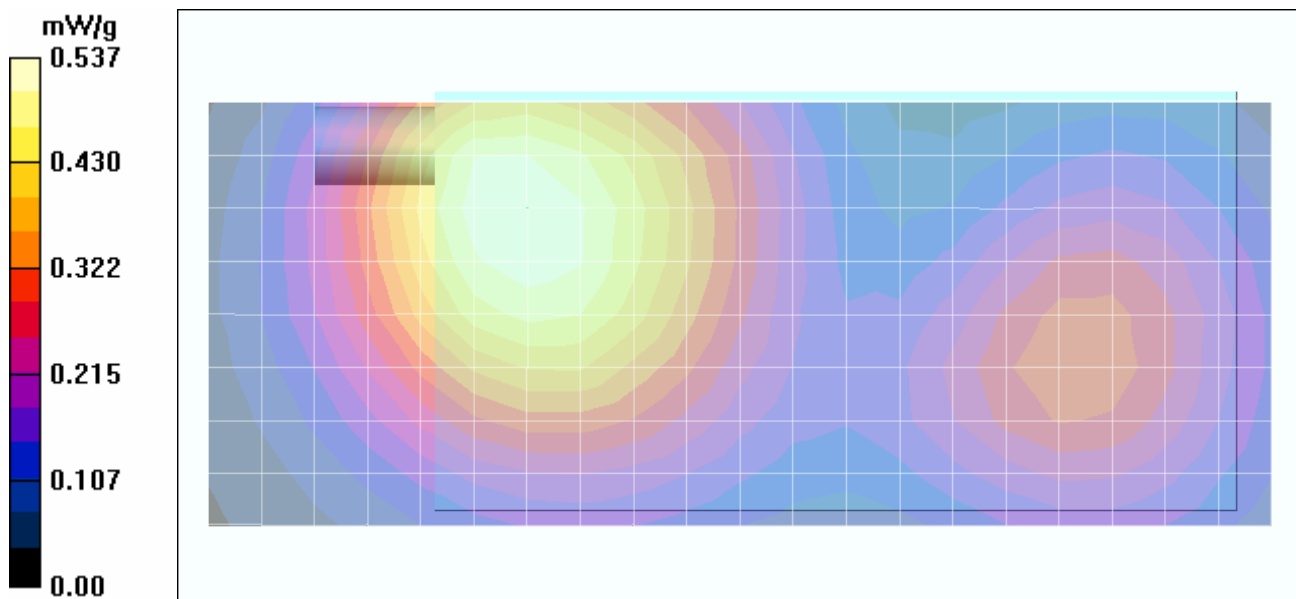
Communication System: PCS CDMA  
Frequency: 1880.00 MHz; Channel 600; Duty Cycle: 1:1  
RF Output Power: 23.8 dBm (Conducted)  
Medium: M1880 ( $\sigma = 1.58$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>)


Communication System: DSSS WLAN  
Frequency: 2437 MHz; Channel 6; Duty Cycle: 1:1  
RF Output Power: 14.7 dBm (Conducted)  
Medium: M2450 ( $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

Communication System: FHSS Bluetooth  
RF Output Power: 0 dBm (Peak Conducted)

- Probe: ET3DV6 - SN1387; ConvF(4.75, 4.75, 4.75) & ConvF(4.3, 4.3, 4.3); 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

**Multi-Band Grid Summation:**  
**SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.327 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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	Test Report Serial No.:	08220508F-T664-S24CW	Report Rev. No.:	Revision 0
	Report Issue Date:	Oct. 01, 2005	Test Date(s):	May 26, August 22-26 & 30, 2005
	Description of Test:	RF Exposure	SAR	FCC §2.1093 IC RSS-102

Date Tested: 08/24/2005

**Body SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Spacing - Front Side - Ch. 600 - Area/Zoom Scan**

**DUT: Palm Inc. Model: Treo XXX; Type: Portable Dual-Band CDMA 2000 Phone with 802.11b & 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 ( $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

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

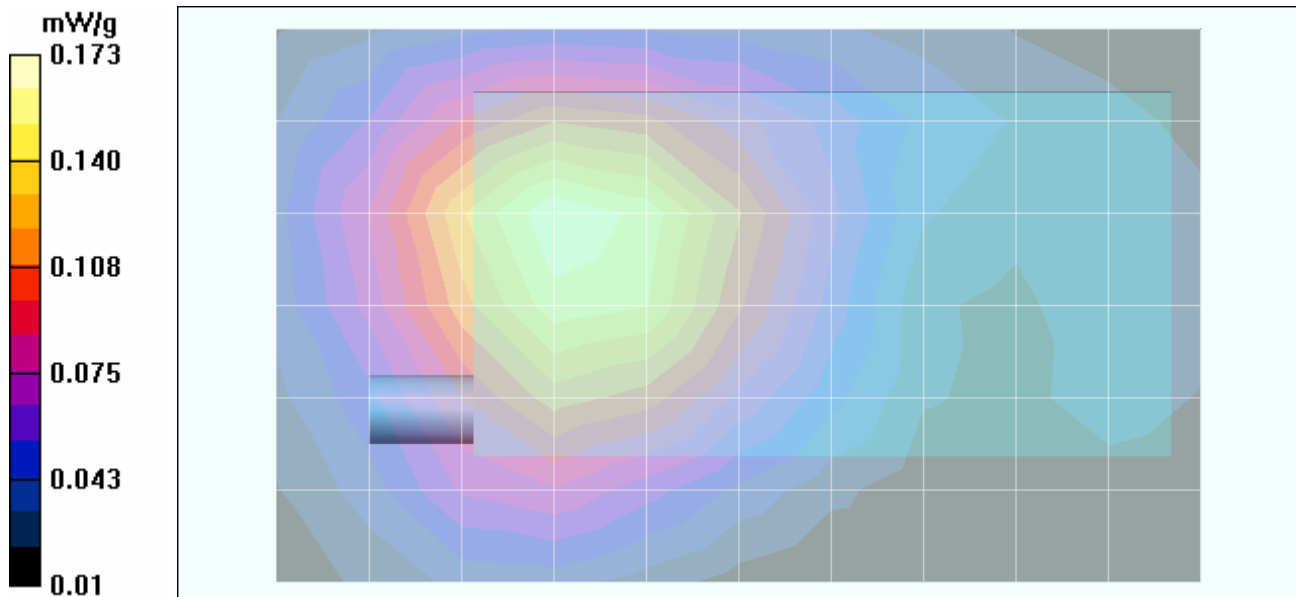
**Body-Worn SAR - PCS CDMA - 802.11b Installed - 1.5 cm Air-Gap Separation Distance from Front of DUT - Mid Channel Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm


**Body-Worn SAR - PCS CDMA - 802.11b Installed - 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 = 9.89 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.106 mW/g**



Applicant:	Palm, Inc.	FCC ID:	O8FJIMI	IC ID:	3905A-JIMI	Model:	Treo XXX	
DUT Type:	Portable Dual-Band PCS/Cellular CDMA 2000 Phone with Bluetooth and 802.11b WLAN SDIO Card							
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