




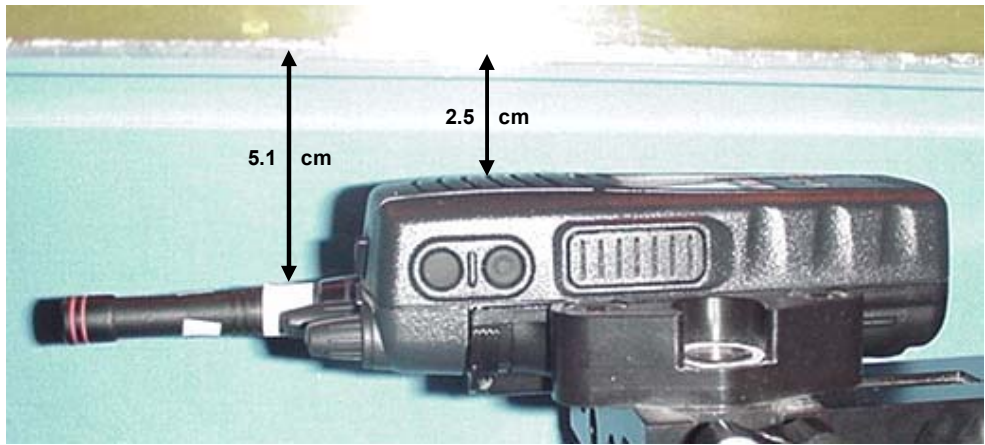
	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	 Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS**

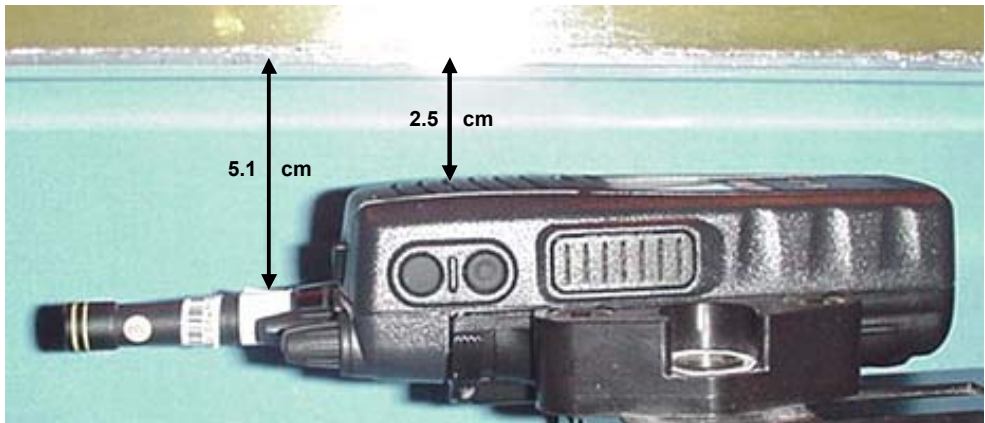
<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046		
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz				
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

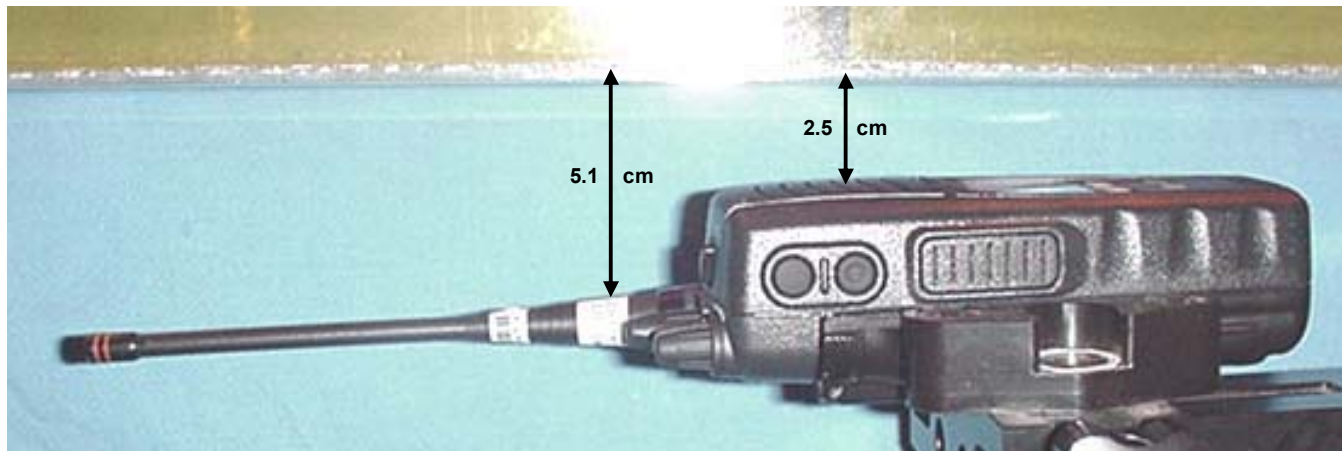
**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
**2.5 cm Spacing from Front of Radio to Planar Phantom**




DUT with Helical Stub Antenna (P/N: KRE 101 1219/12)






DUT with Helical Stub Antenna (P/N: KRE 101 1219/14)



DUT with Quarter-wave Whip Antenna (P/N: KRE 101 1223/12)

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
2.5 cm Spacing from Front of Radio to Planar Phantom




**Radio - Face-held Configuration - Far View**






**Radio - Face-held Configuration - Top end View**



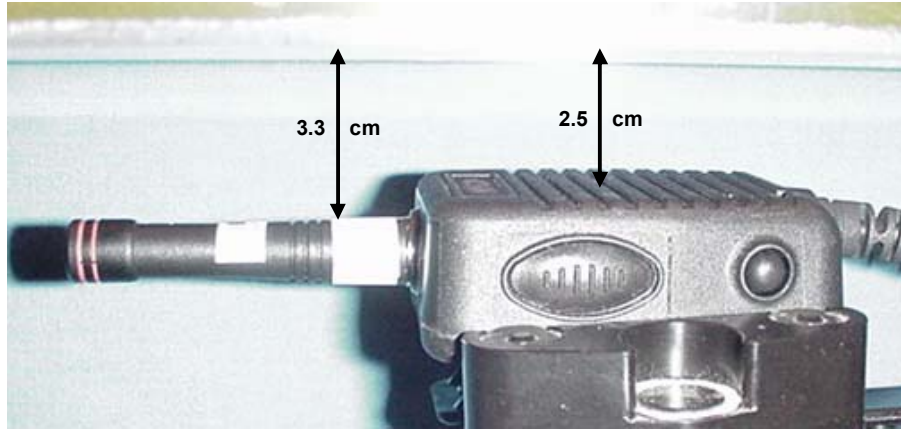
**Radio - Face-held Configuration - Bottom end View**

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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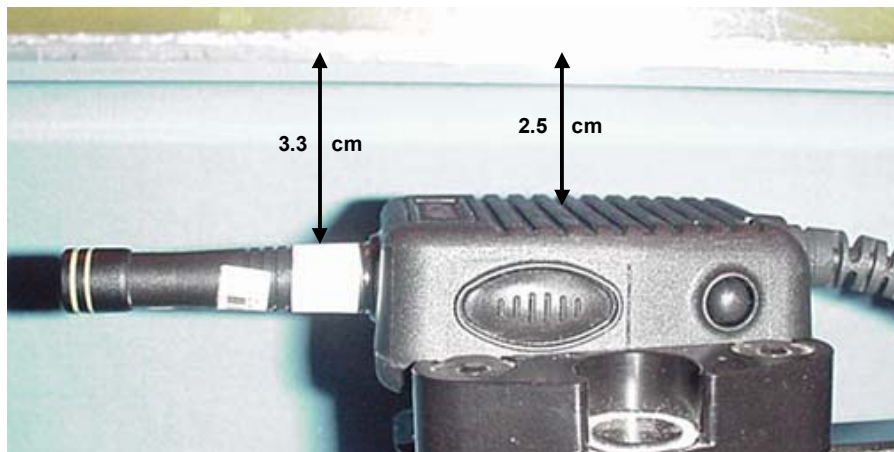


	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

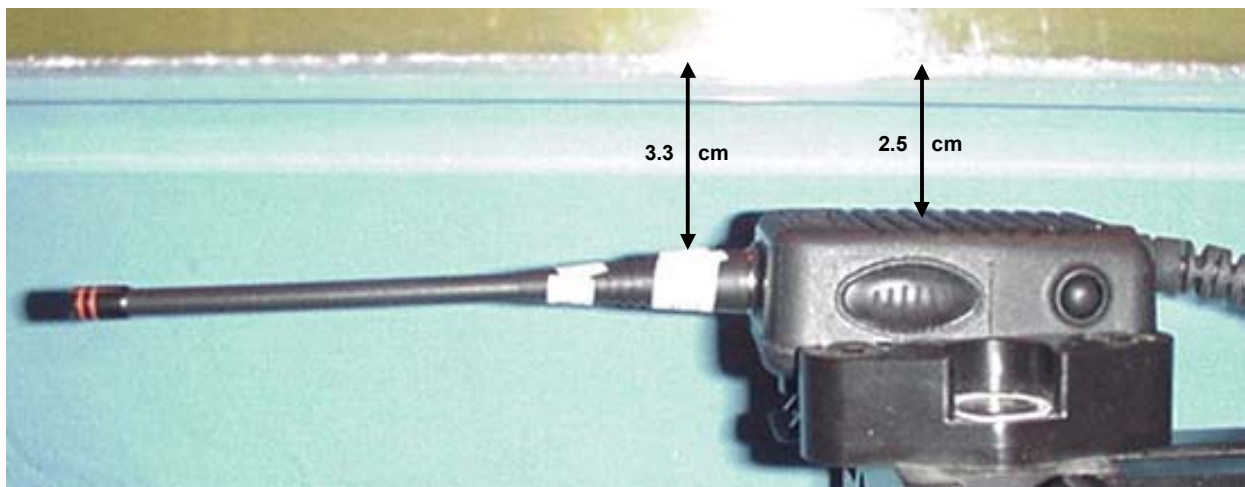
**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
**2.5 cm Spacing from Front of Speaker-Microphone with Antenna to Planar Phantom**




DUT with Helical Stub Antenna (P/N: KRE 101 12219/12)






DUT with Helical Stub Antenna (P/N: KRE 101 12219/14)



DUT with Quarter-wave Whip Antenna (P/N: KRE 101 1223/12)

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

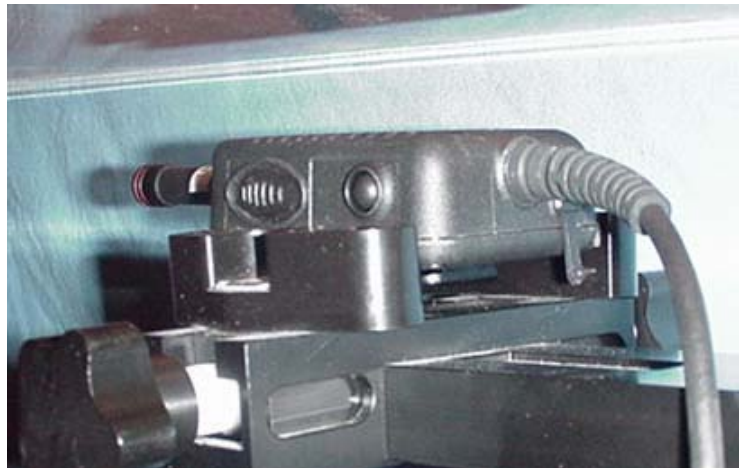
**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
**2.5 cm Spacing from Front of Speaker-Microphone with Antenna to Planar Phantom**




**SMA - Face-held Configuration - Far View**






**SMA - Face-held Configuration - Top end View**



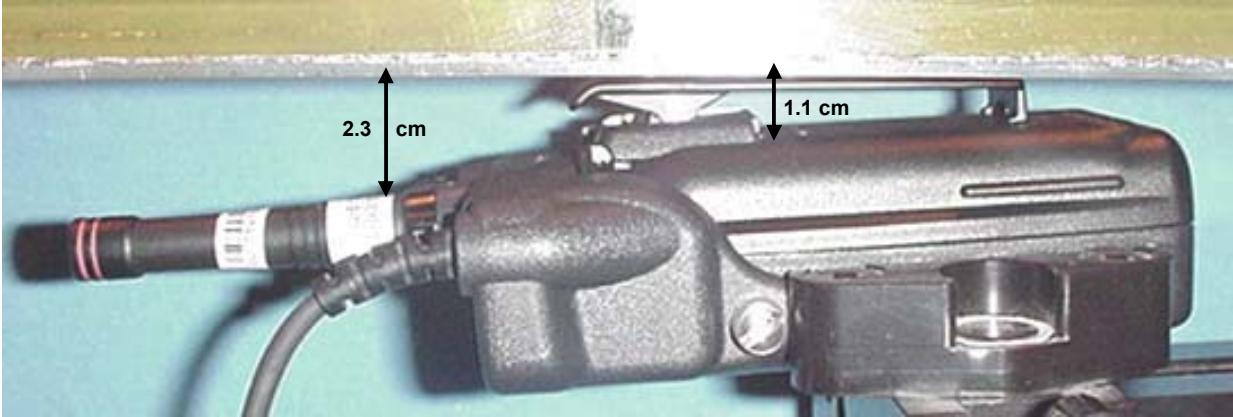
**SMA - Face-held Configuration - Bottom end View**

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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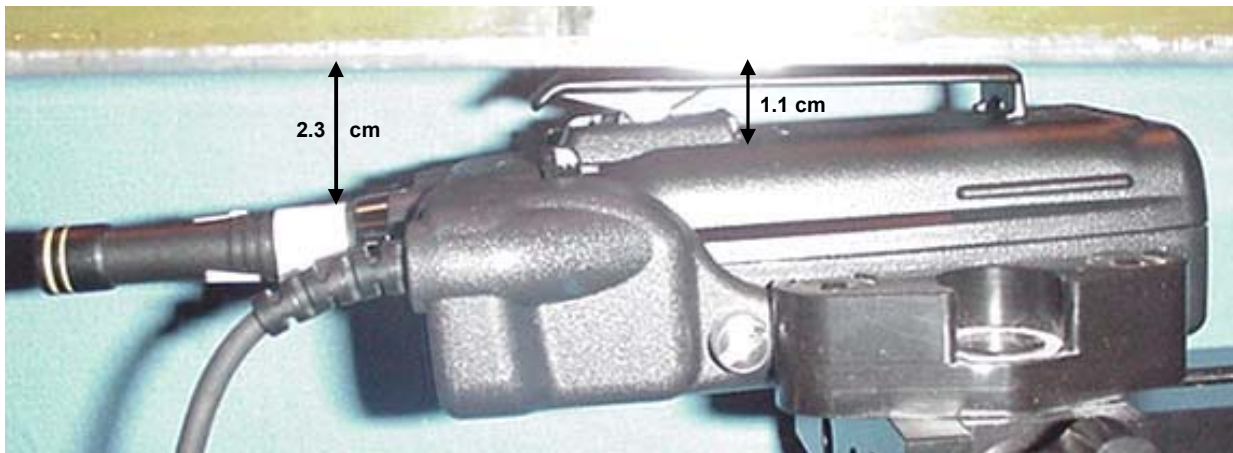


	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

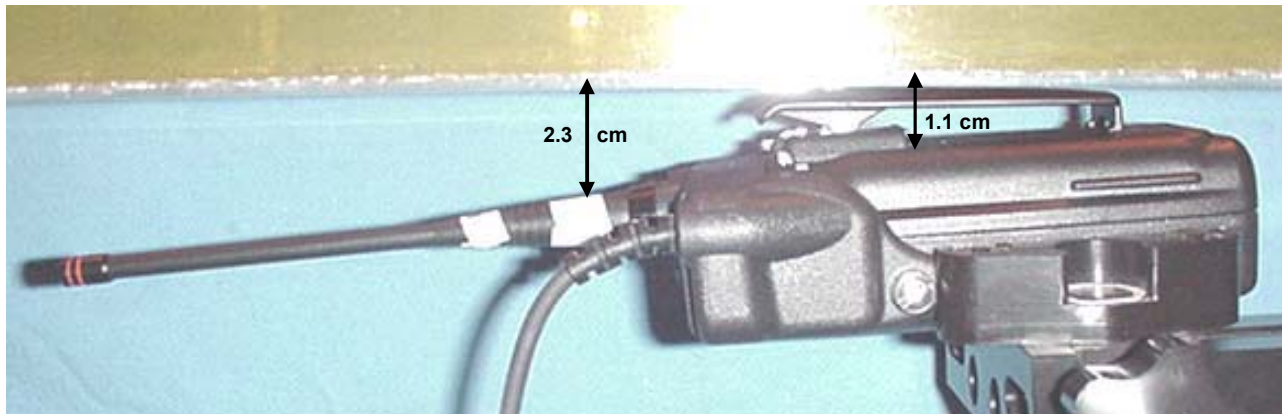
**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**1.1 cm Metal Belt Clip (P/N: CC23894) Spacing from Back of Radio to Planar Phantom**  
**Radio with Speaker-Microphone (P/N: MC-023933-001) Audio Accessory**




DUT with Helical Stub Antenna (P/N: KRE 101 1219/12)






DUT with Helical Stub Antenna (P/N: KRE 101 1219/14)



DUT with Quarter-wave Whip Antenna (P/N: KRE 101 1223/12)

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**1.1 cm Metal Belt Clip (P/N: CC23894) Spacing from Back of Radio to Planar Phantom**  
**Radio with Speaker-Microphone (P/N: MC-023933-001) Audio Accessory**




Radio - Body-worn Configuration - Far View






Radio - Body-worn Configuration - Top end View



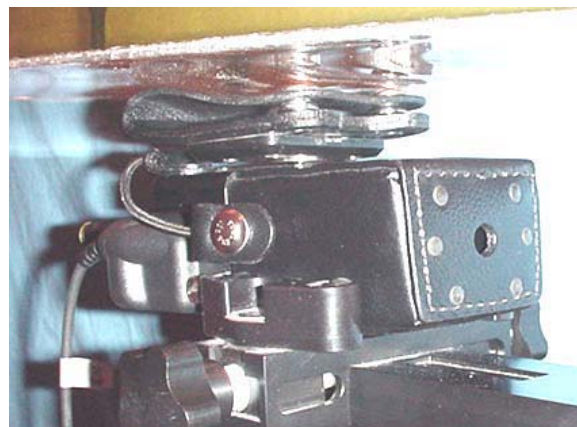
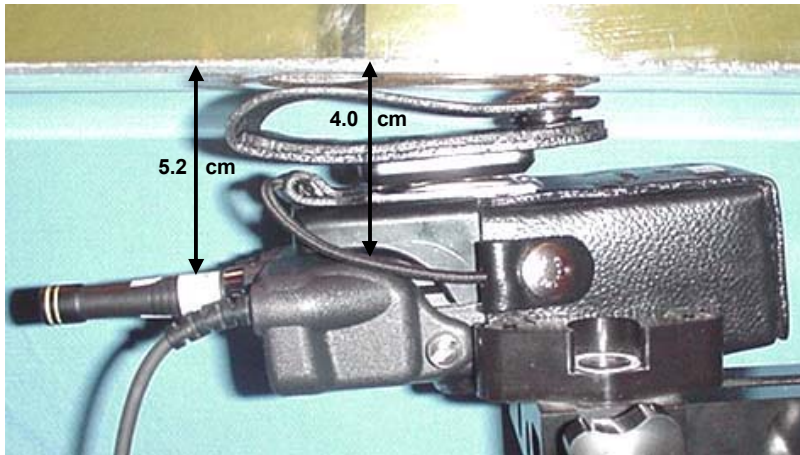
Radio - Body-worn Configuration - Bottom end View


<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**4.0 cm Leather Case and Belt Loop Spacing from Back of Radio to Planar Phantom**  
**Radio with Leather Case Kit 1 (P/N: CC-023931-003) and Speaker-Microphone (P/N: MC-023933-001)**  
**Helical Stub Antenna (P/N: KRE 101 1219/14)**

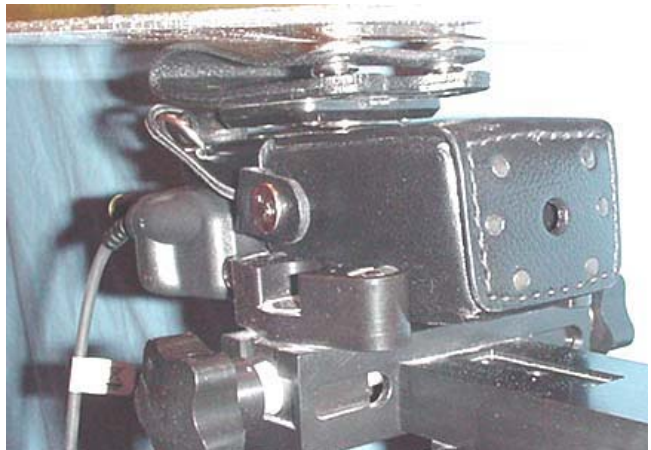
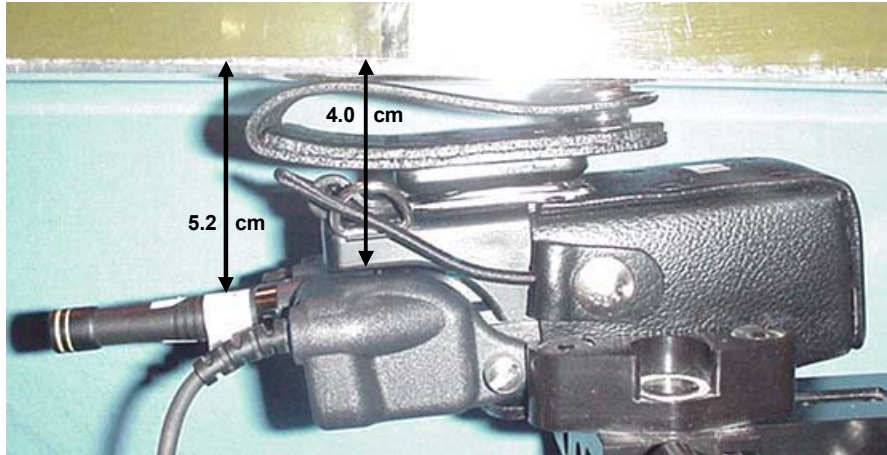



<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046		
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz				
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

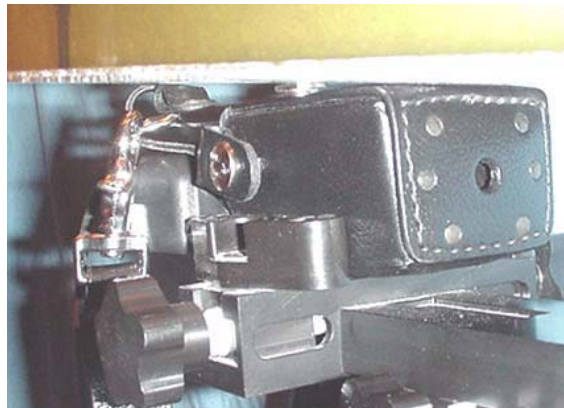
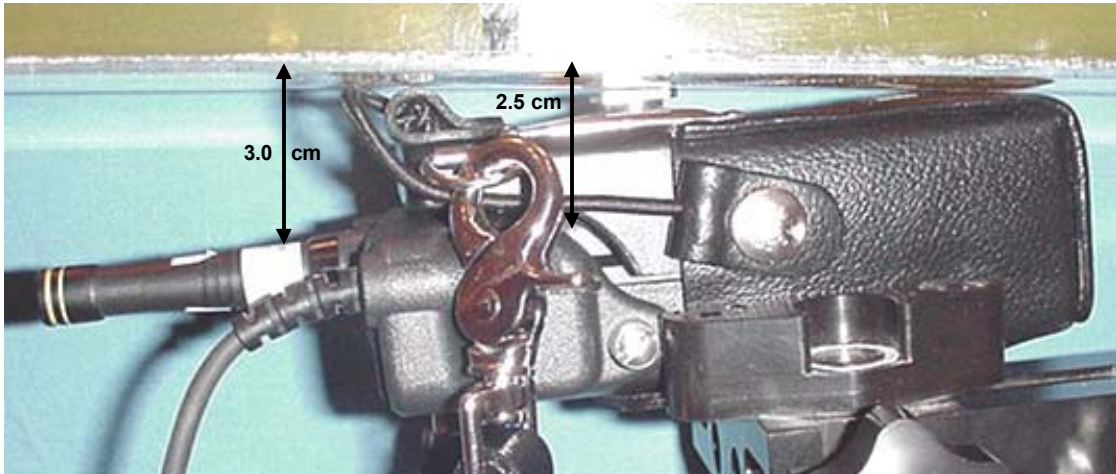
**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**Leather 4.0 cm Leather Case and Belt Loop Spacing from Back of Radio to Planar Phantom**  
**Radio with Leather Case Kit 2 (P/N: CC-023931-004) and Speaker-Microphone (P/N: MC-023933-001)**  
**Helical Stub Antenna (P/N: KRE 101 1219/14)**




<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**2.5 cm Leather Case Spacing from Back of Radio to Planar Phantom**  
**Radio w/ Leather Case 3 (P/N: CC-023931-002), Shoulder Strap (P/N: CC103333V1) & Speaker-Mic (P/N: MC-023933-001)**  
**Helical Stub Antenna (P/N: KRE 101 1219/14)**

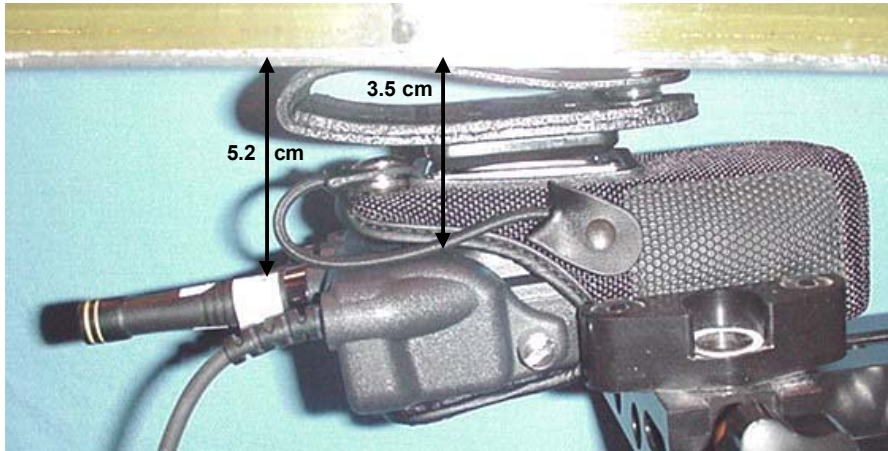



<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

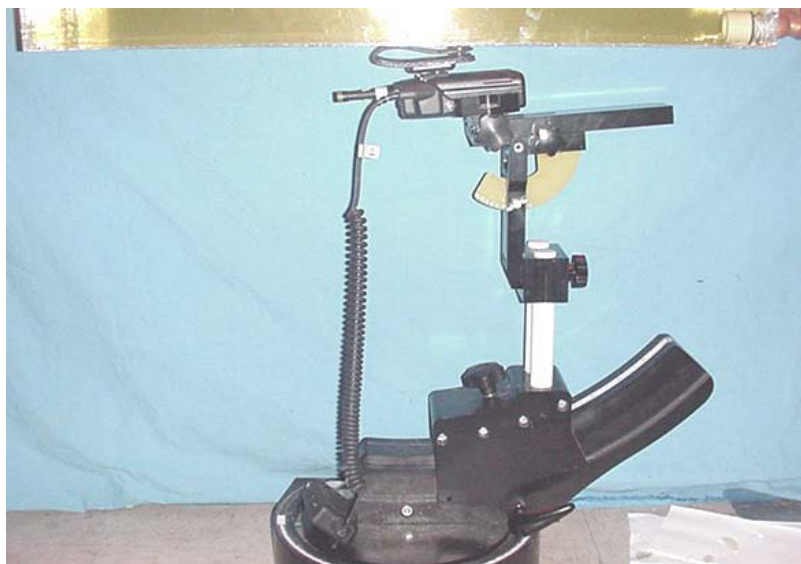
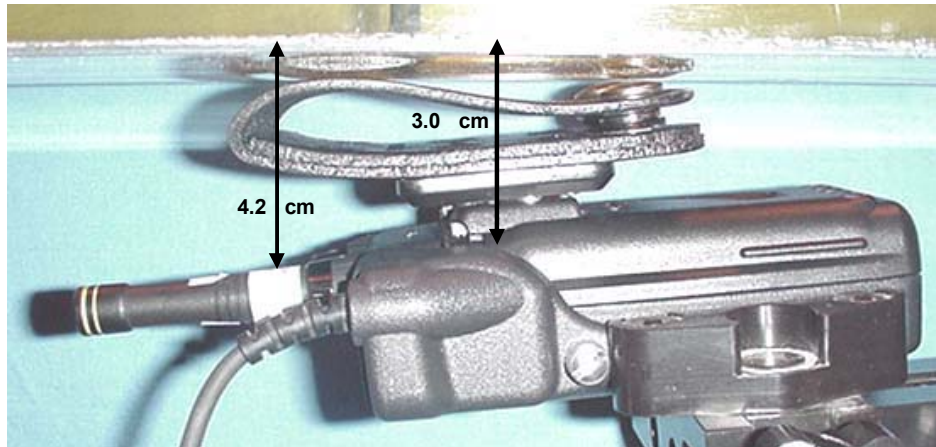
**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**3.5 cm Nylon Case and Belt Loop Spacing from Back of Radio to Planar Phantom**  
**Radio w/ Nylon Case (P/N: CC-023932-001), Belt Loop (P/N: KRY 101 1609/1) & Speaker-Mic (P/N: MC-023933-001)**  
**Helical Stub Antenna (P/N: KRE 101 1219/14)**




<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**3.0 cm Leather Belt Loop Spacing from Back of Radio to Planar Phantom**  
**Radio w/ Leather Belt Loop (P/N: KRY 101 1609/1), Swivel Mount (P/N: KRY 101 1608/2) & Speaker-Mic (P/N: MC-023933-001)**  
**Helical Stub Antenna (P/N: KRE 101 1219/14)**

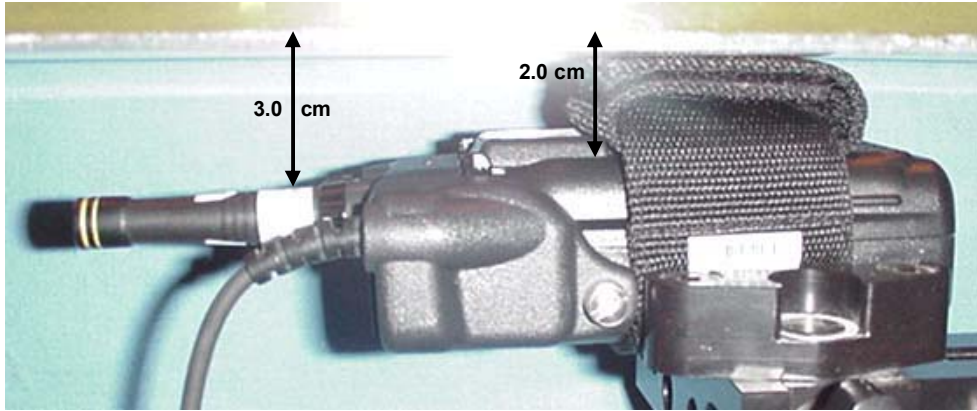



<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	 Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

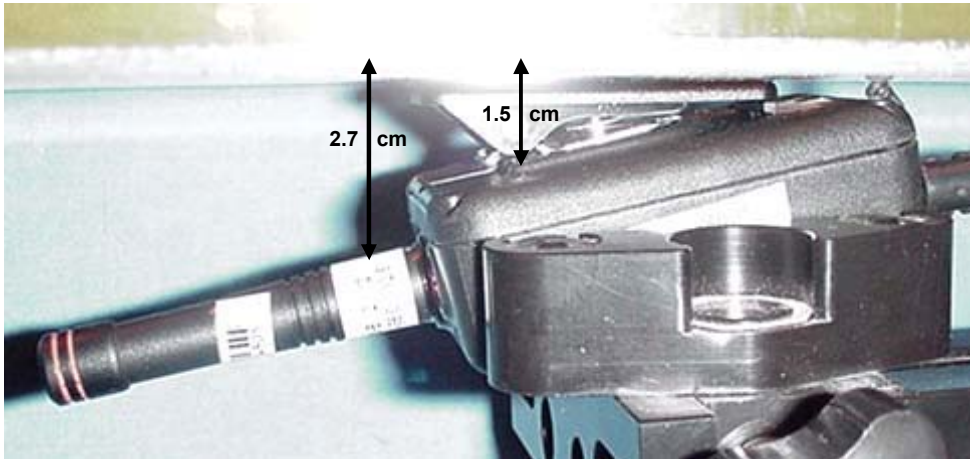
**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
 2.0 cm Nylon "T"-Strap Holder Spacing from Back of Radio to Planar Phantom  
 Radio with Nylon "T"-Strap Holder (P/N: KRY 101 1656/1) and Speaker-Microphone (P/N: MC-023933-001)  
 Helical Stub Antenna (P/N: KRE 101 1219/14)



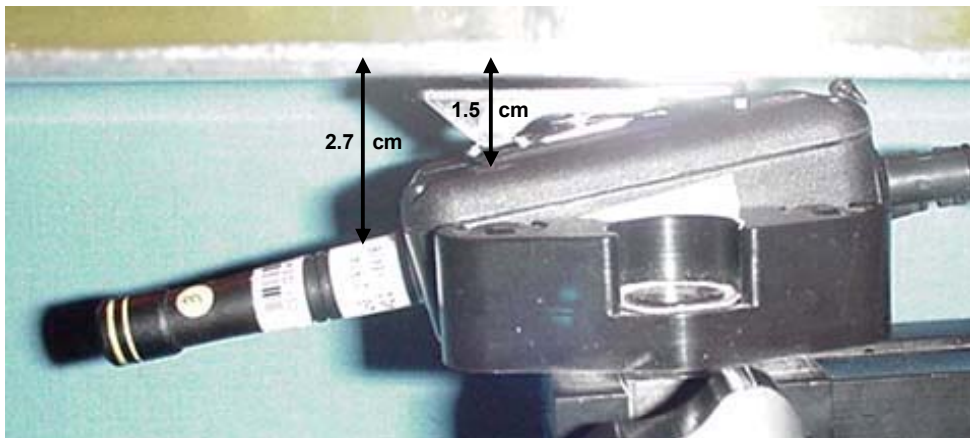
<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	 Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

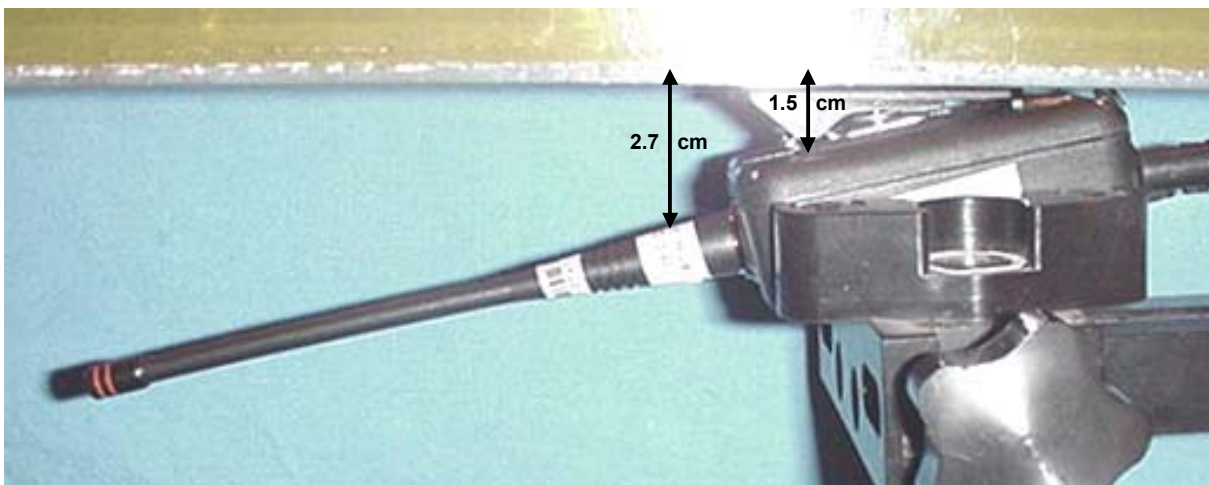
**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**1.5 cm Lapel Clip Spacing from Back of Speaker-Microphone to Planar Phantom**  
**Speaker-Microphone Antenna Version (P/N: MC-023933-002) with Earphone (P/N: LS103239V1)**




DUT with Helical Stub Antenna (P/N: KRE 101 1219/12)






DUT with Helical Stub Antenna (P/N: KRE 101 1219/14)



DUT with Quarter-wave Whip Antenna (P/N: KRE 101 1223/12)

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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	<u>Date(s) of Evaluation</u> Jul 31, Aug 1-2, 8-10, 2007	<u>Test Report Serial No.</u> 073107OWD-T845-S90U	<u>Test Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> August 29, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**1.5 cm Lapel Clip Spacing from Back of Speaker-Microphone to Planar Phantom**  
**Speaker-Microphone Antenna Version (P/N: MC-023933-002) with Earphone (P/N: LS103239V1)**




SMA - Body-worn Configuration - Far View



SMA - Body-worn Configuration - Top end View



SMA - Body-worn Configuration - Bottom end View

<b>Company:</b>	M/A-COM, Inc.	<b>Model:</b>	P5400	<b>FCC ID:</b>	OWDTR-0046-E	<b>IC ID:</b>	3636B-0046	
<b>DUT Type:</b>	Portable Analog/Digital UHF-H PTT Radio Transceiver			<b>Frequency Range:</b>	440 - 512 MHz			
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