



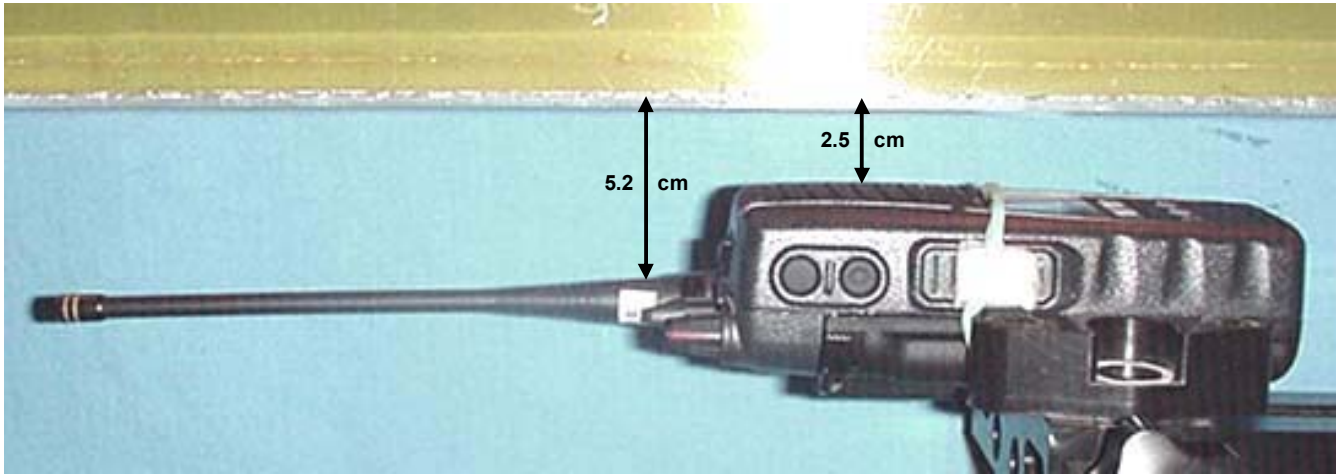
	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	 Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS

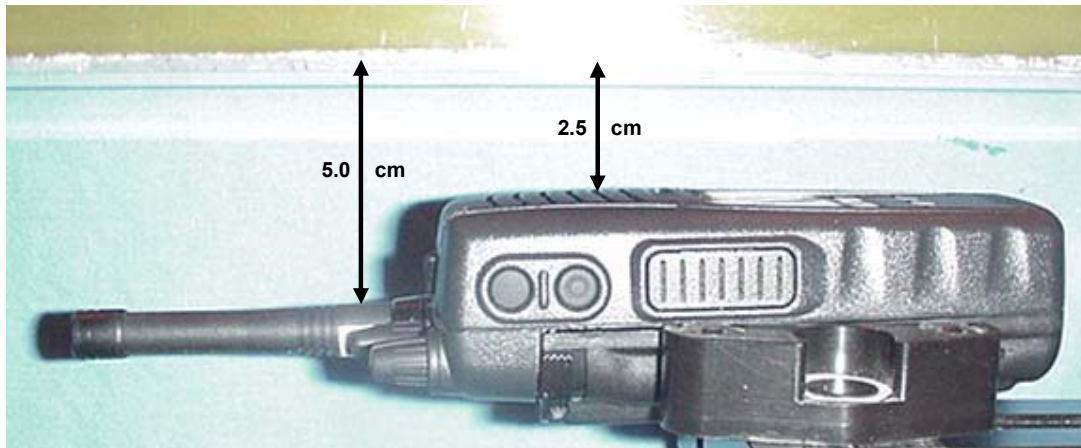
Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045	
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver			Freq. Range:	378.025 - 429.975 MHz			
2007 Celltech Labs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.							Page 80 of 109

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

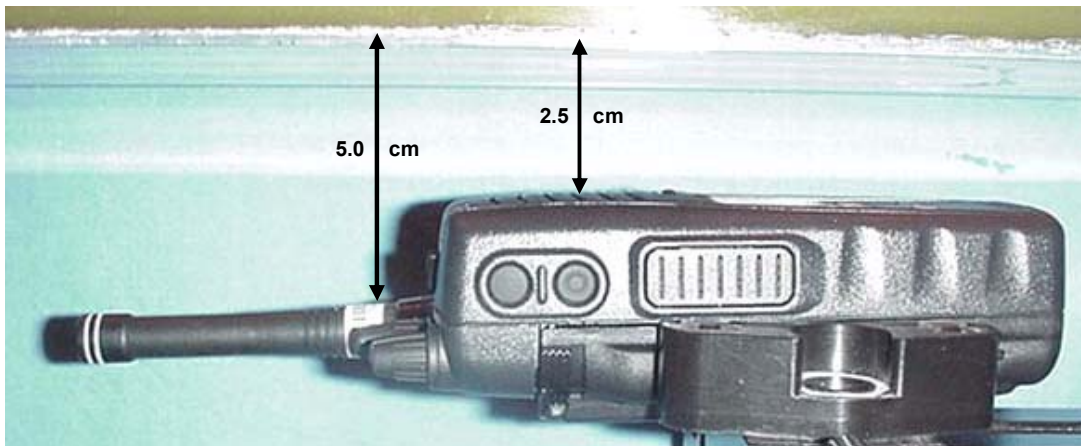
FACE-HELD SAR TEST SETUP PHOTOGRAPHS
2.5 cm Spacing from Front of Radio to Planar Phantom




DUT with Quarter-wave Whip Antenna (P/N: KRE 101 1223/10)






DUT with Helical Coil Antenna (P/N: KRE 101 1219/10)



DUT with Helical Coil Antenna (P/N: KRE 101 1219/9)

Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 81 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 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




Far View






Front View

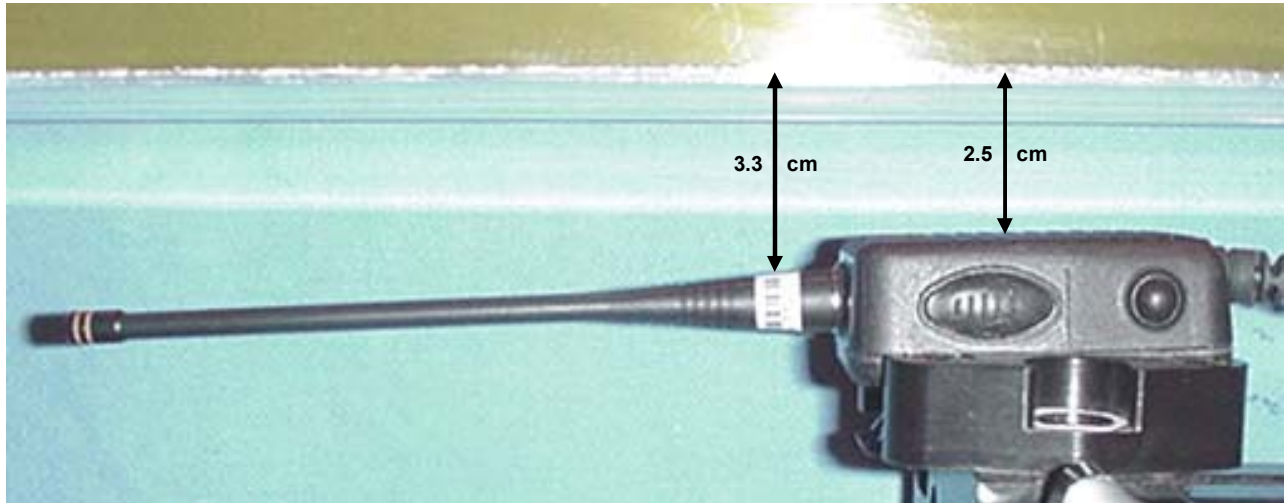


Rear View

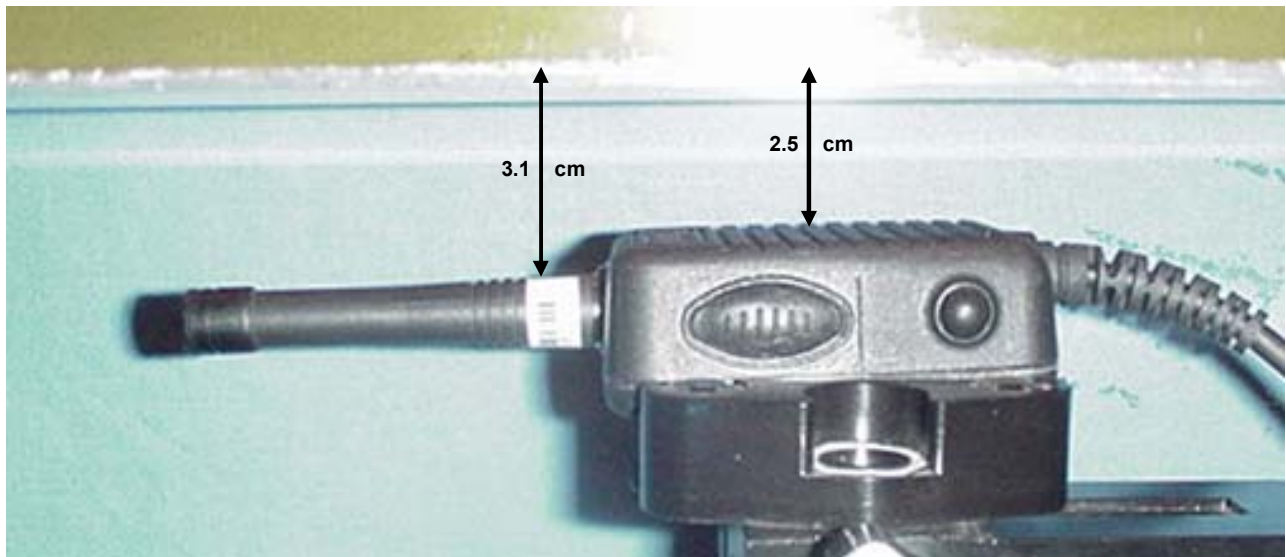
Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045	
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver			Freq. Range:	378.025 - 429.975 MHz			
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 82 of 109

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 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 Quarter-wave Whip Antenna (P/N: KRE 101 1223/10)



DUT with Helical Coil Antenna (P/N: KRE 101 12219/10)

Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 83 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 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




Far View





Front View

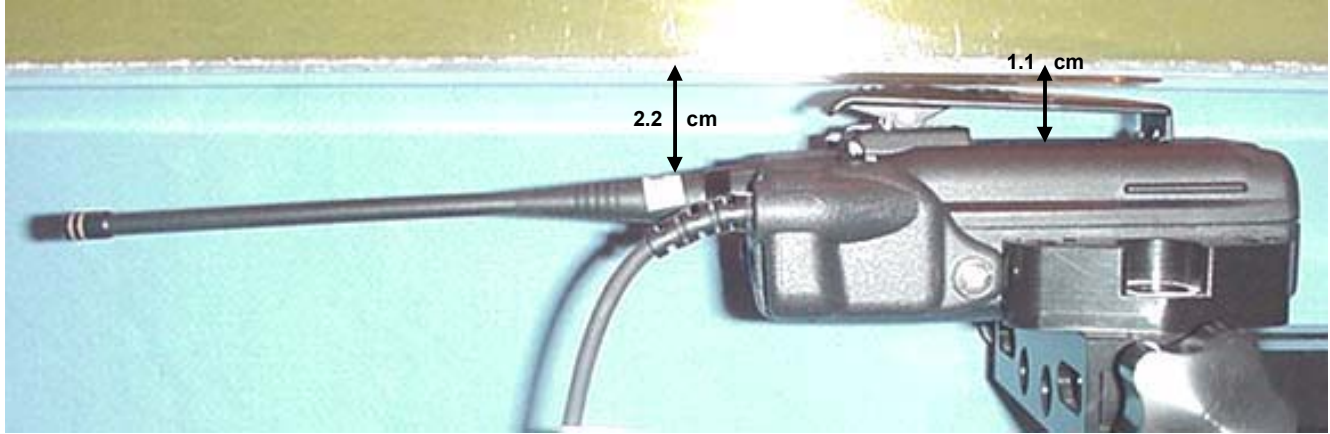


Rear View

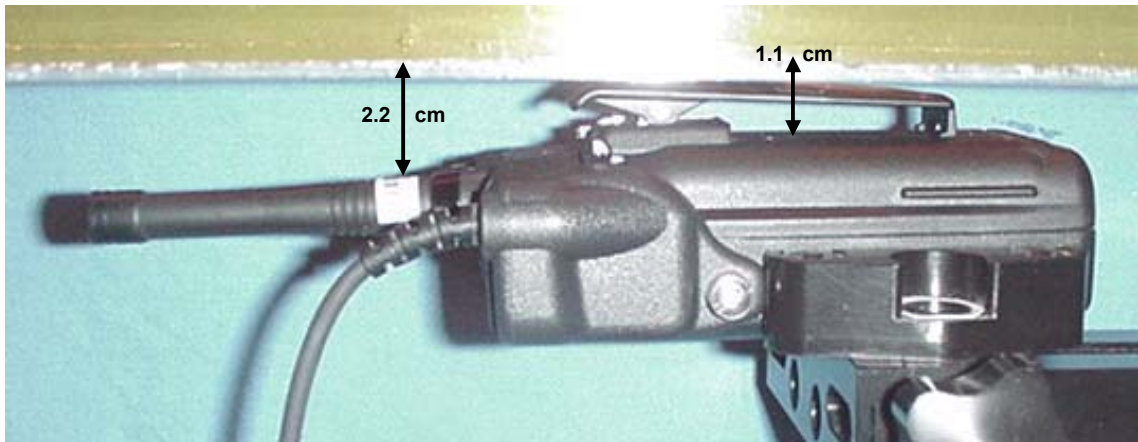
Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 84 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

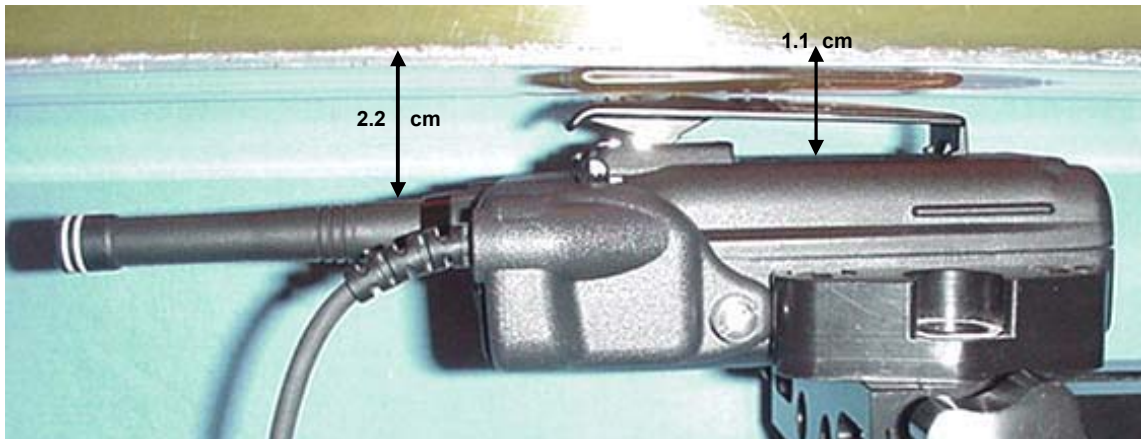
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
1.1 cm Metal Belt Clip (P/N: CC23894) Spacing from Back of Radio to Planar Phantom
Radio with Speaker-Microphone (P/N: MC-023933-001) Audio Accessory




DUT with Quarter-wave Whip Antenna (P/N: KRE 101 1223/10)





DUT with Helical Coil Antenna (P/N: KRE 101 1219/10)



DUT with Helical Coil Antenna (P/N: KRE 101 1219/9)

Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045	
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver			Freq. Range:	378.025 - 429.975 MHz			
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 85 of 109

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 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




Far View






Front View

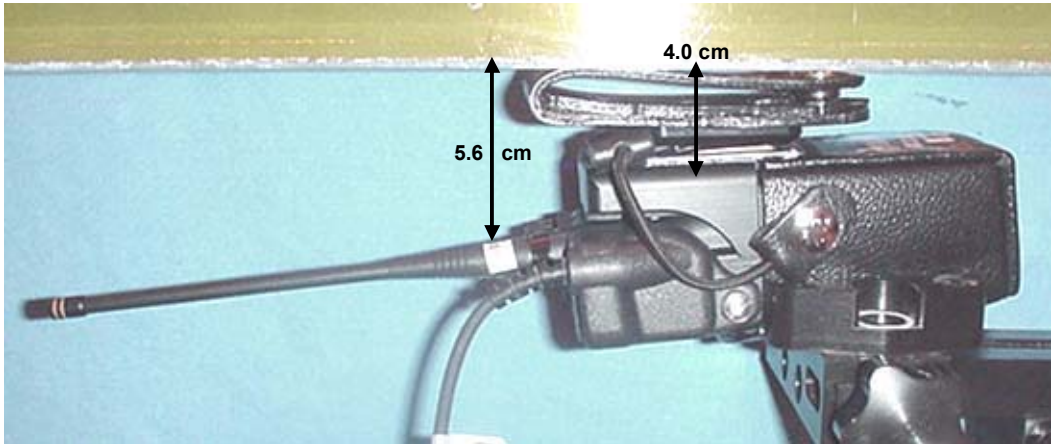



Rear View




Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 86 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

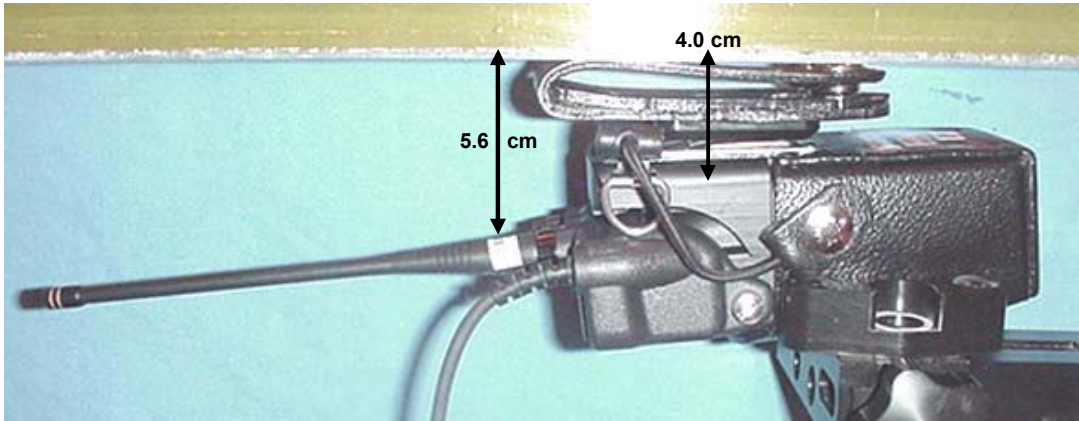
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
4.0 cm Leather Case and Belt Loop Spacing from Back of Radio to Planar Phantom
Radio with Leather Case Kit 1 (P/N: CC-023931-003) and Speaker-Microphone (P/N: MC-023933-001)
Quarter-Wave Whip Antenna (P/N: KRE 101 1223/10)






Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 87 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

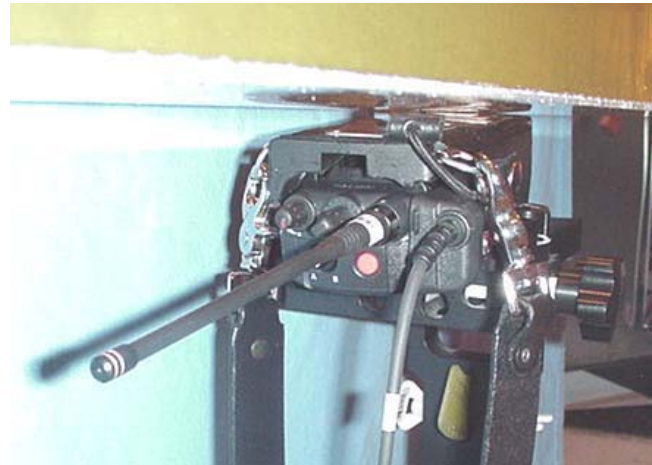
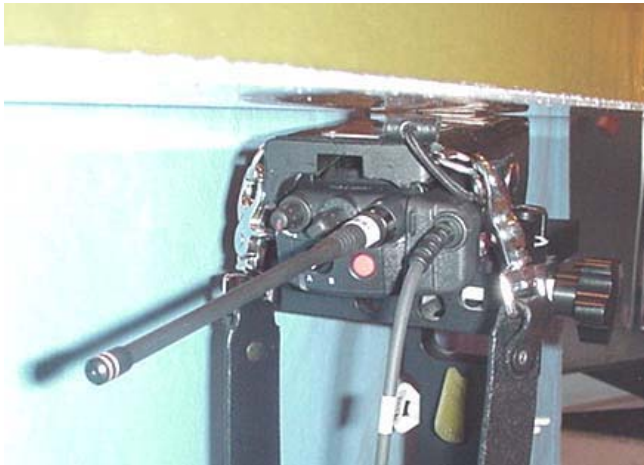
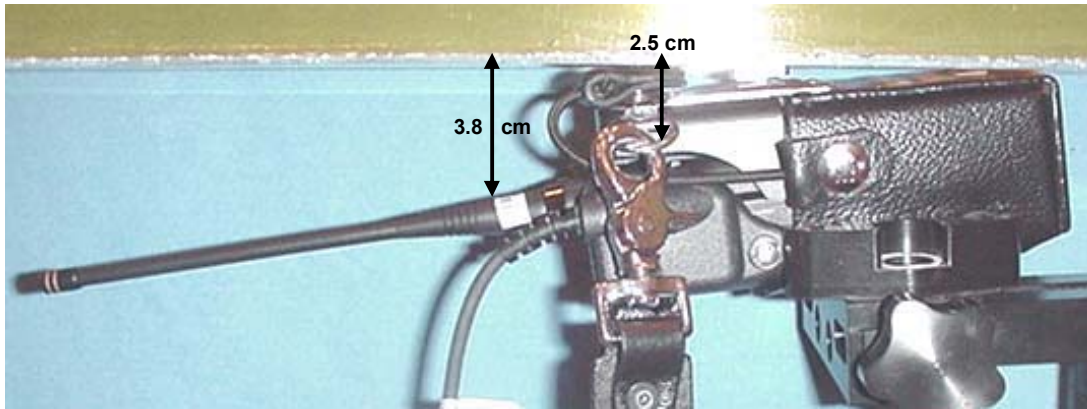
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
Leather 4.0 cm Leather Case and Belt Loop Spacing from Back of Radio to Planar Phantom
Radio with Leather Case Kit 2 (P/N: CC-023931-004) and Speaker-Microphone (P/N: MC-023933-001)
Quarter-Wave Whip Antenna (P/N: KRE 101 1223/10)





Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 88 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	 Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

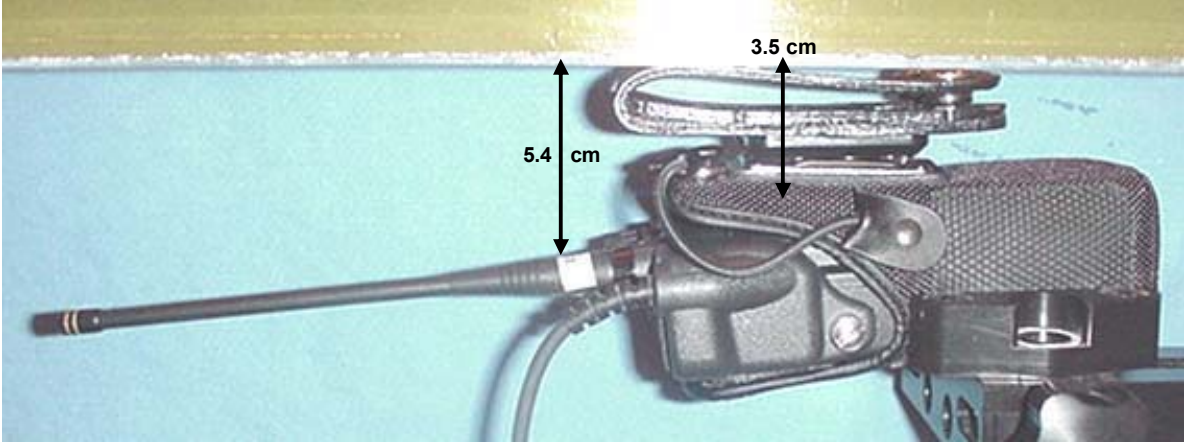
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
2.5 cm Leather Case Spacing from Back of Radio to Planar Phantom
Radio w/ Leather Case 3 (P/N: CC-023931-002), Shoulder Strap (P/N: CC103333V1) & Speaker-Mic (P/N: MC-023933-001)
Quarter-Wave Whip Antenna (P/N: KRE 101 1223/10)







Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045	
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz				
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 89 of 109	

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

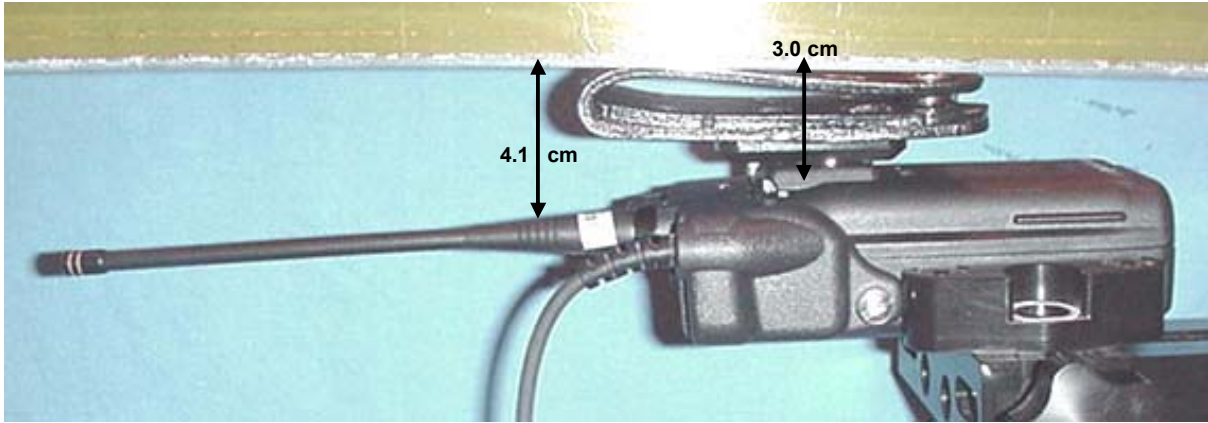
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
3.5 cm Nylon Case and Belt Loop Spacing from Back of Radio to Planar Phantom
Radio w/ Nylon Case (P/N: CC-023932-001), Belt Loop (P/N: KRY 101 1609/1) & Speaker-Mic (P/N: MC-023933-001)
Quarter-Wave Whip Antenna (P/N: KRE 101 1223/10)






Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 90 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

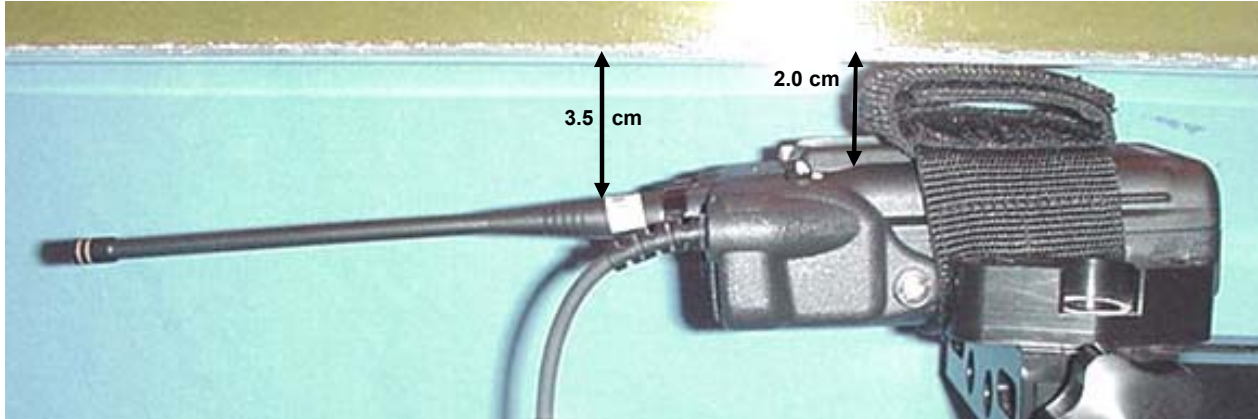
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
3.0 cm Leather Belt Loop Spacing from Back of Radio to Planar Phantom
Radio with Leather Belt Loop (P/N: KRY 101 1609/1) and Speaker-Microphone (P/N: MC-023933-001)
Quarter-Wave Whip Antenna (P/N: KRE 101 1223/10)







Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 91 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

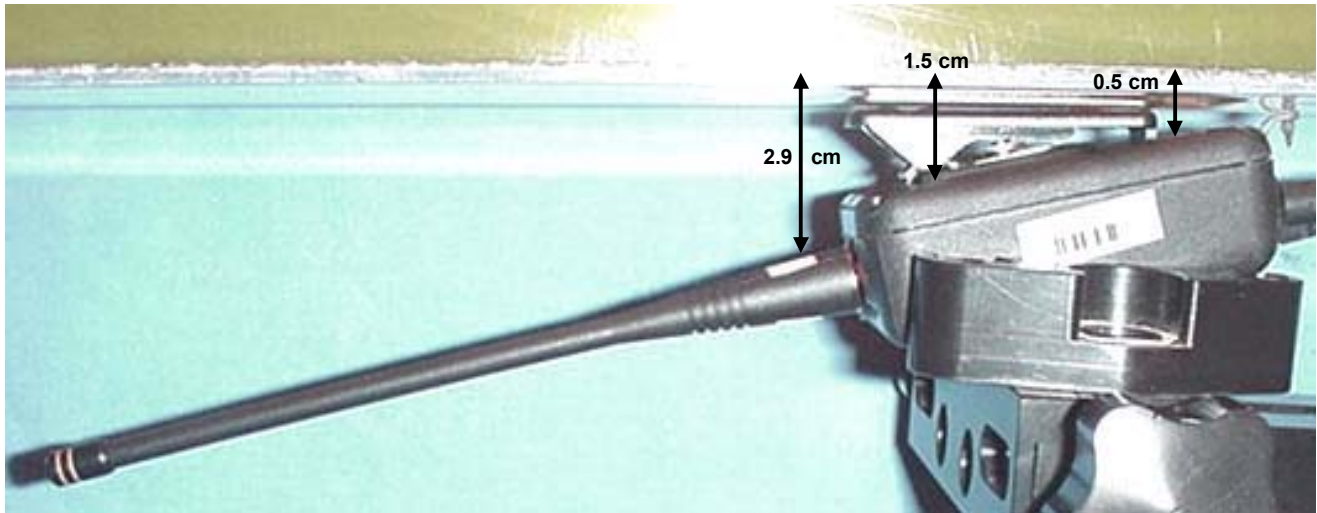
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
2.0 cm Nylon "T" Strap Holder Spacing from Back of Radio to Planar Phantom
Radio with Nylon "T" Strap Holder (P/N: KRY 101 1656/1) and Speaker-Microphone (P/N: MC-023933-001)
Quarter-Wave Whip Antenna (P/N: KRE 101 1223/10)



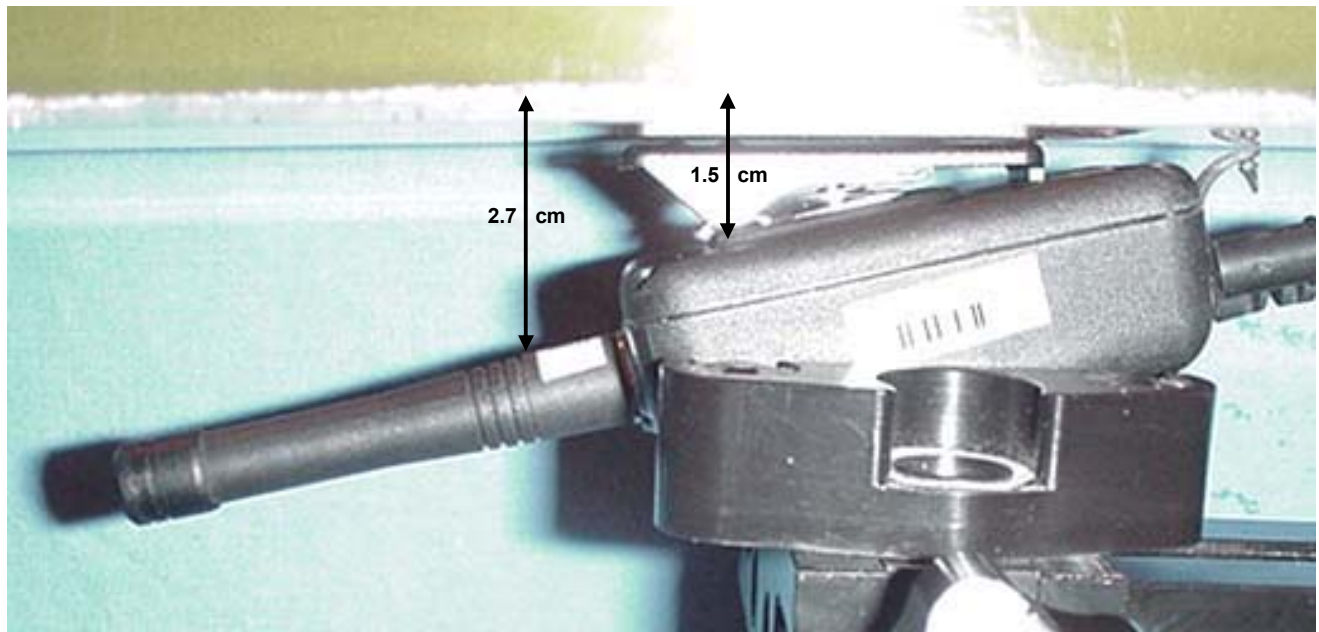
Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 92 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 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 Quarter-wave Whip Antenna (P/N: KRE 101 1223/10)



DUT with Helical Coil Antenna (P/N: KRE 101 1219/10)

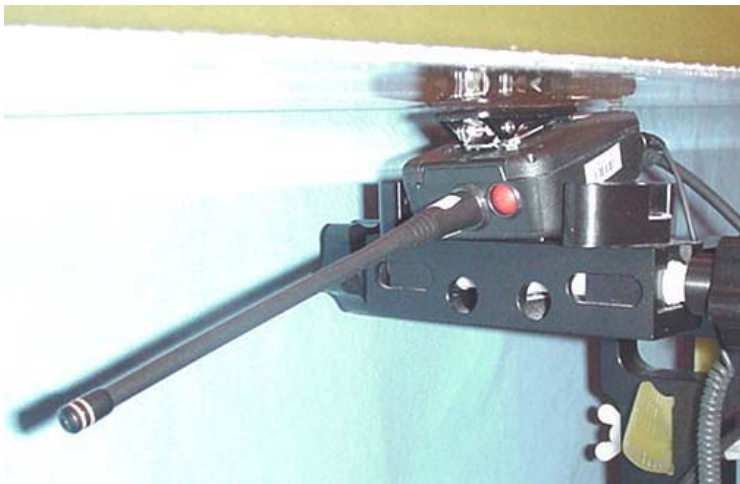
Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 93 of 109		

	<u>Date(s) of Evaluation</u> April 02 - 05, 2007	<u>Test Report Serial No.</u> 032807OWD-T827-S90U	<u>Report Revision No.</u> Revision 1.0	  Certificate No. 2470.01
	<u>Test Report Issue Date</u> April 25, 2007	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

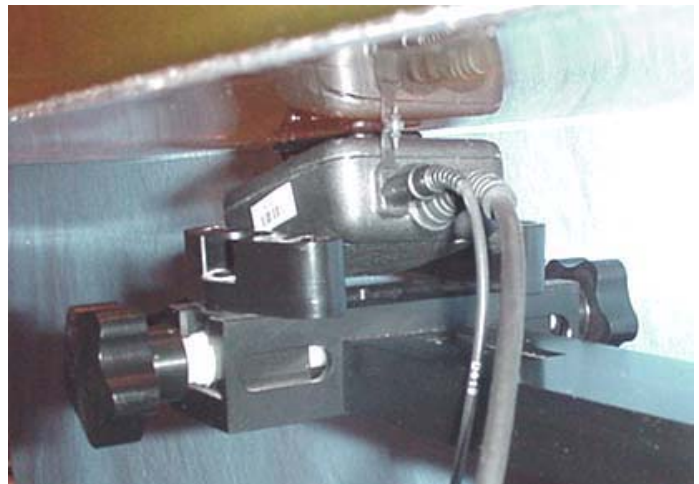
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
1.5 cm Lapel Clip Spacing from Back of Speaker-Microphone to Planar Phantom
Speaker-Microphone Antenna Version (P/N: MC-023933-002) with Earphone (P/N: LS103239V1)




Far View



Front View



Rear View

Company:	M/A-COM, Inc.	Model:	P5400	FCC ID:	OWDTR-0045-E	IC ID:	3636B-0045		
DUT Type:	Portable Analog/Digital UHF-L PTT Radio Transceiver		Freq. Range:	378.025 - 429.975 MHz					
2007 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.					Page 94 of 109		