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	<u>Test Report Issue Date</u> September 08, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Population	

## APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS


<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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## FACE-HELD SAR TEST SETUP PHOTOGRAPHS

### 2.5 cm Spacing from Front Side of DUT to Planar Phantom




<b>Applicant:</b>	Advanced Wireless Communications	<b>FCC ID:</b>	Q9SAWR391	<b>IC:</b>	4651A-AWR391	
<b>Model(s):</b>	AWR391	<b>DUT:</b>	Portable FM UHF PTT Radio Transceiver	<b>Freq. Range:</b>	460 - 470 MHz	
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**Front Side of DUT Touching Planar Phantom with Lanyard Accessory**  
**DUT with Earbud Headset Audio Accessory**

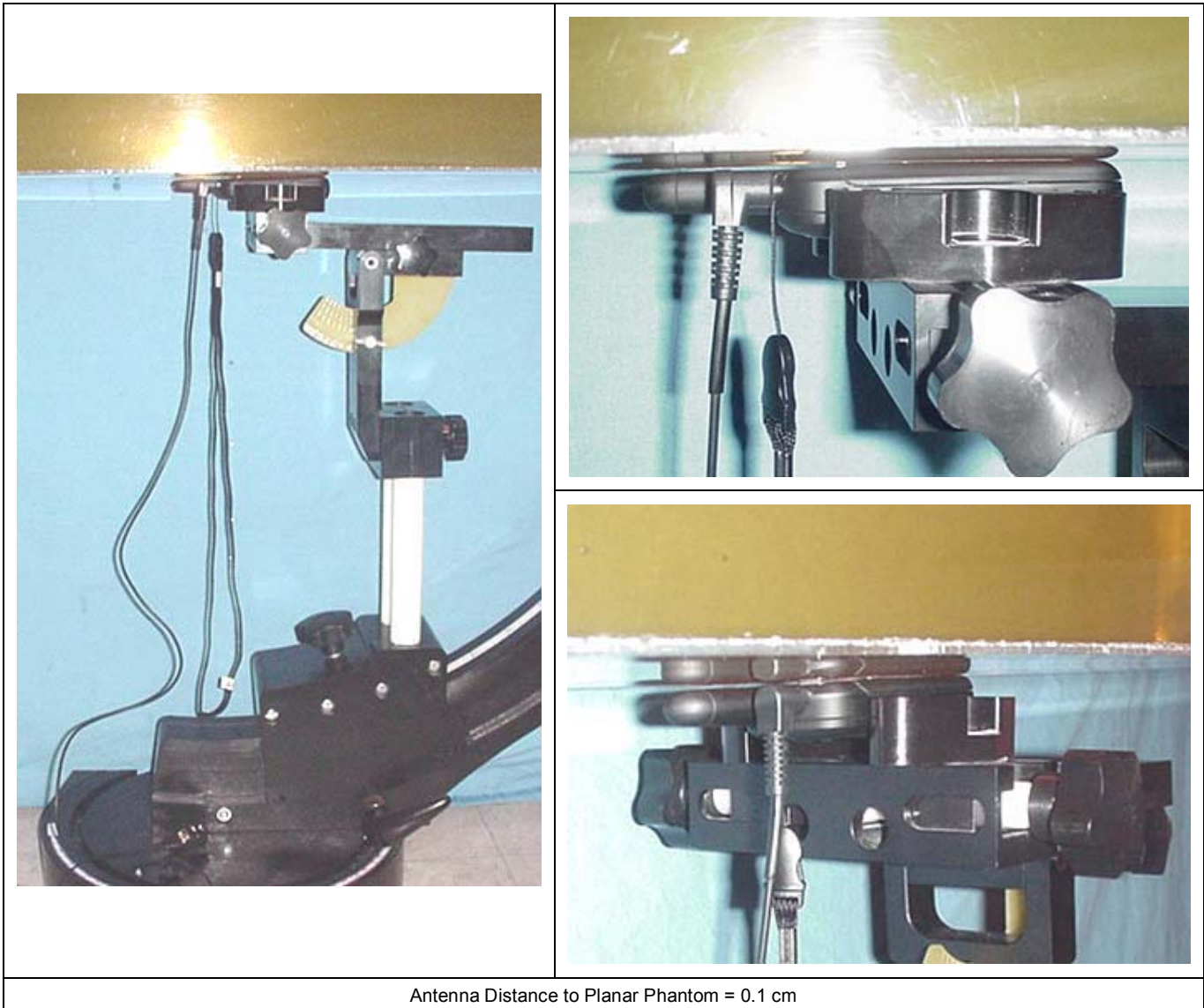



Antenna Distance to Planar Phantom = 0.7 cm

<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**Back Side of DUT Touching Planar Phantom with Lanyard Accessory**  
**DUT with Earbud Headset Audio Accessory**



<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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## BODY-WORN SAR TEST SETUP PHOTOGRAPHS

0.6 cm Spacing from Back Side of DUT to Planar Phantom with Magnetic Clothing Clip Accessory  
DUT with Earbud Headset Audio Accessory



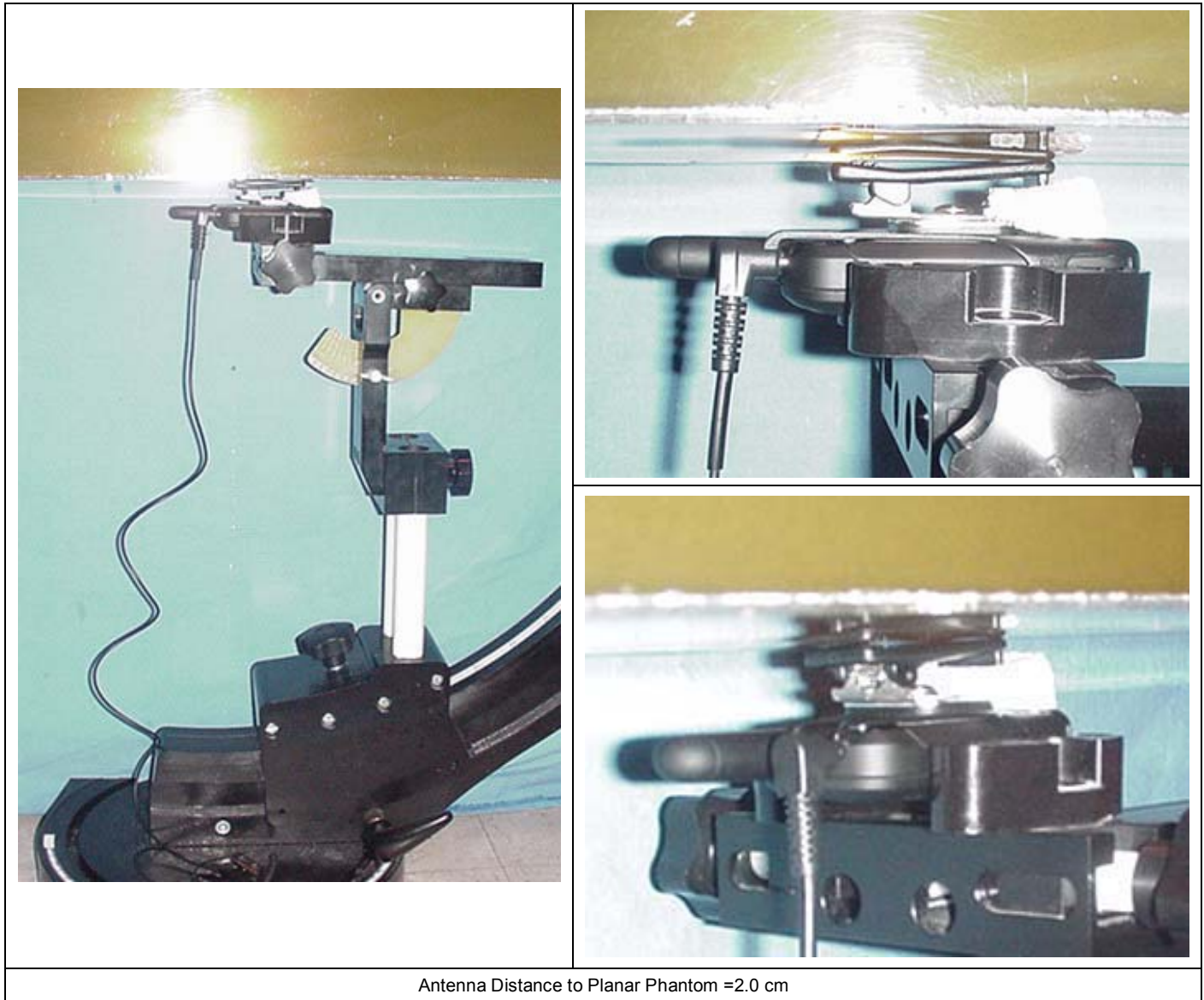
Antenna Distance to Planar Phantom = 0.7 cm


<b>Applicant:</b>	Advanced Wireless Communications	<b>FCC ID:</b>	Q9SAWR391	<b>IC:</b>	4651A-AWR391	
<b>Model(s):</b>	AWR391	<b>DUT:</b>	Portable FM UHF PTT Radio Transceiver	<b>Freq. Range:</b>	460 - 470 MHz	
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## BODY-WORN SAR TEST SETUP PHOTOGRAPHS

2.0 cm Spacing from Back Side of DUT to Planar Phantom with Belt-Clip Holster Swivel Accessory  
Belt-Clip Swivel Position #1: 0 Degrees - DUT with Earbud Headset Audio Accessory



<b>Applicant:</b>	Advanced Wireless Communications	<b>FCC ID:</b>	Q9SAWR391	<b>IC:</b>	4651A-AWR391	
<b>Model(s):</b>	AWR391	<b>DUT:</b>	Portable FM UHF PTT Radio Transceiver	<b>Freq. Range:</b>	460 - 470 MHz	
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## BODY-WORN SAR TEST SETUP PHOTOGRAPHS

**2.0 cm Spacing from Back Side of DUT to Planar Phantom with Belt-Clip Holster Swivel Accessory  
DUT with Earbud Headset Audio Accessory**




Belt-Clip Swivel Position #2 = -90 Degrees



Antenna Distance to Planar Phantom = 1.0 cm

Belt-Clip Swivel Position #3 = 90 Degrees

Antenna Distance to Planar Phantom = 2.0 cm

<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS

		
Front Side of DUT	Back Side of DUT	Back Side of DUT with Battery
		
Top End of DUT	Bottom End of DUT	

<b>Applicant:</b>	<b>Advanced Wireless Communications</b>			<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>		<b>460 - 470 MHz</b>		
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Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS




Left Side of DUT





Right Side of DUT



Lithium-ion Battery Model: AWB-391

<b>Applicant:</b>	Advanced Wireless Communications	<b>FCC ID:</b>	Q9SAWR391	<b>IC:</b>	4651A-AWR391	
<b>Model(s):</b>	AWR391	<b>DUT:</b>	Portable FM UHF PTT Radio Transceiver	<b>Freq. Range:</b>	460 - 470 MHz	
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## DUT PHOTOGRAPHS






Back Side of DUT with Magnetic Clip

Magnetic Clothing Clip Accessory Model: AWM-391



DUT with Magnetic Clothing Clip Accessory

<b>Applicant:</b>	Advanced Wireless Communications	<b>FCC ID:</b>	Q9SAWR391	<b>IC:</b>	4651A-AWR391	
<b>Model(s):</b>	AWR391	<b>DUT:</b>	Portable FM UHF PTT Radio Transceiver	<b>Freq. Range:</b>	460 - 470 MHz	
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Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS



Left Side of DUT with Belt-Clip Holster Swivel Accessory Model: AWHOL-391



Right Side of DUT with Belt-Clip Holster Swivel Accessory Model: AWHOL-391




Belt-Clip Holster Swivel Accessory





Bottom end of DUT with Belt-Clip Holster Swivel Accessory



Top end of DUT with Belt-Clip Holster Swivel Accessory

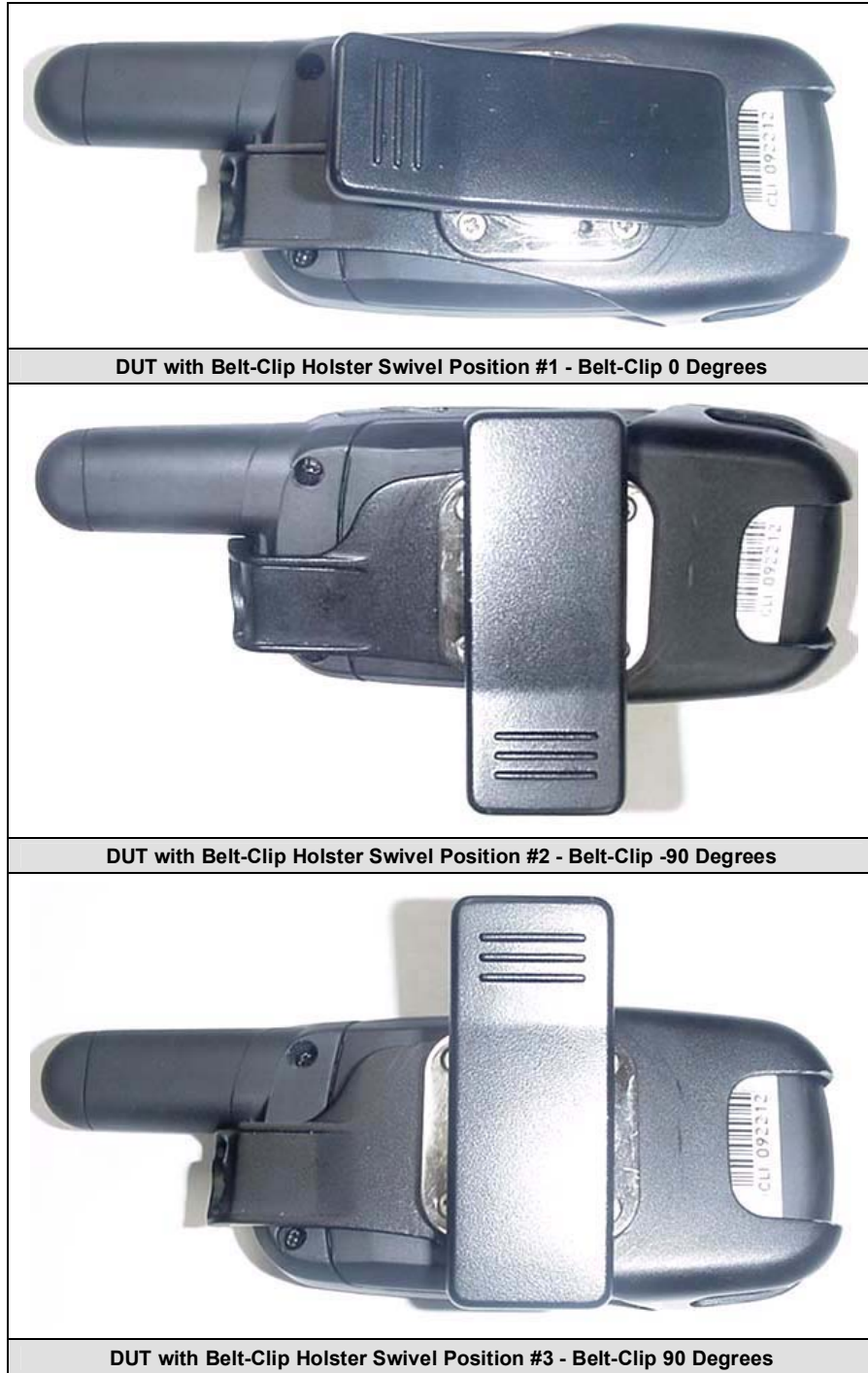
<b>Applicant:</b>	Advanced Wireless Communications	<b>FCC ID:</b>	Q9SAWR391	<b>IC:</b>	4651A-AWR391	
<b>Model(s):</b>	AWR391	<b>DUT:</b>	Portable FM UHF PTT Radio Transceiver	<b>Freq. Range:</b>	460 - 470 MHz	
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## DUT PHOTOGRAPHS





DUT with Belt-Clip Holster Swivel Position #1 - Belt-Clip 0 Degrees

DUT with Belt-Clip Holster Swivel Position #2 - Belt-Clip -90 Degrees

DUT with Belt-Clip Holster Swivel Position #3 - Belt-Clip 90 Degrees

<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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## DUT PHOTOGRAPHS





Front Side of DUT with Earbud Headset Audio Accessory Model: AWEH391



Back Side of DUT with Earbud Headset Audio Accessory Model: AWEH391


<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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## DUT PHOTOGRAPHS



DUT with Lanyard Accessory Model: AWL391

<b>Applicant:</b>	<b>Advanced Wireless Communications</b>	<b>FCC ID:</b>	<b>Q9SAWR391</b>	<b>IC:</b>	<b>4651A-AWR391</b>	
<b>Model(s):</b>	<b>AWR391</b>	<b>DUT:</b>	<b>Portable FM UHF PTT Radio Transceiver</b>	<b>Freq. Range:</b>	<b>460 - 470 MHz</b>	
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