



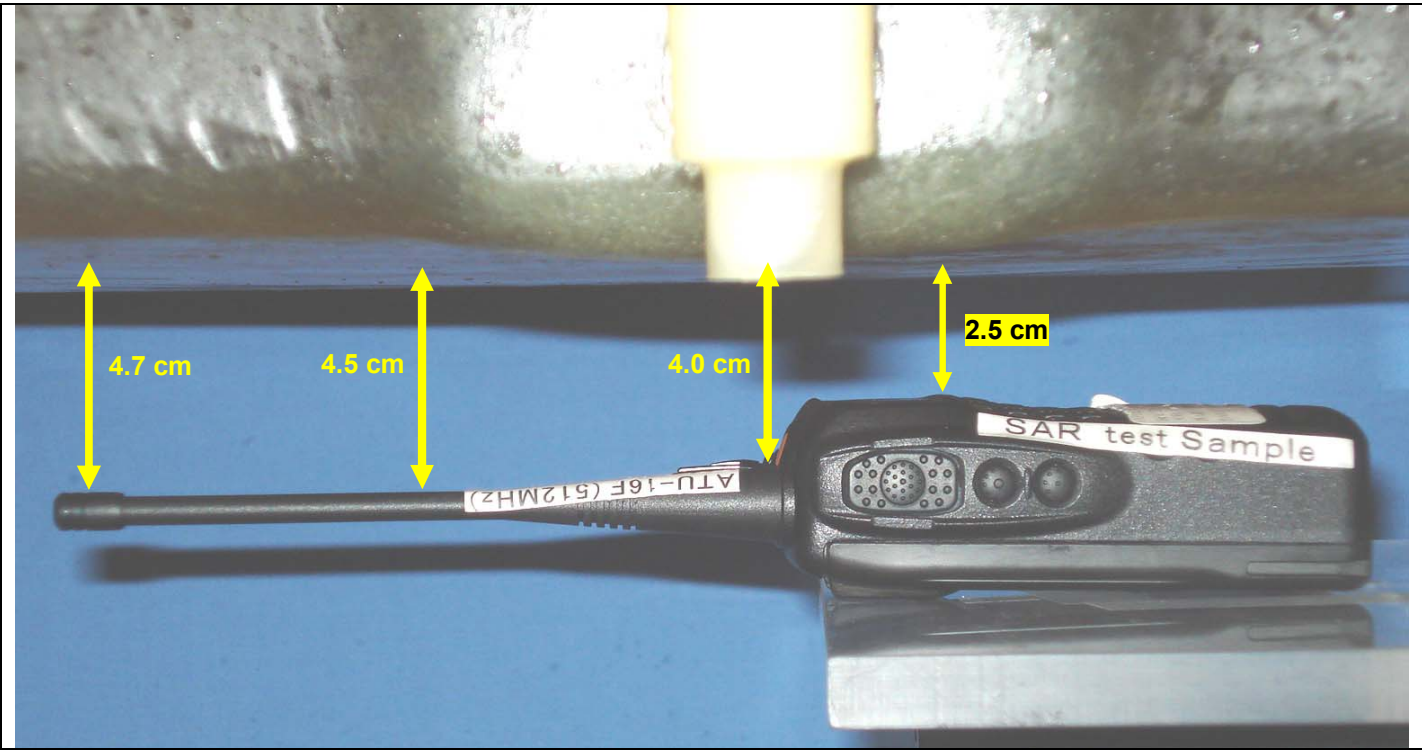
	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

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

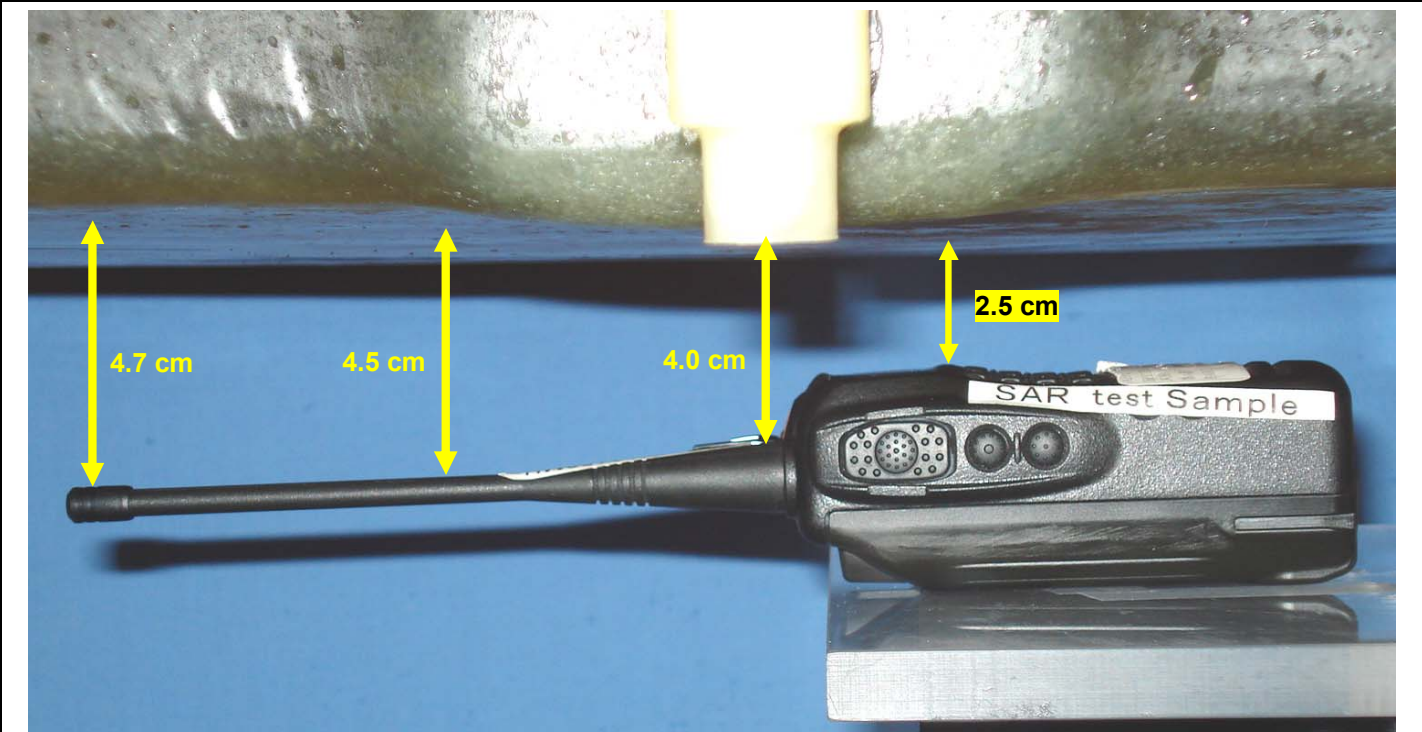
<b>Applicant:</b>	<b>Vertex Standard Co., Ltd.</b>	<b>FCC ID:</b>	<b>K6610944720</b>	<b>IC:</b>	<b>511B-10944720</b>	 Vertex Standard
<b>DUT Type:</b>	<b>Portable UHF PTT Radio Transceiver</b>	<b>Models:</b>	<b>VX-451-G7-5</b>	<b>VX-454-G7-5</b>	<b>VX-459-G7-5</b>	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	


**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**





Face-held - **VX-459-G7-5** Radio with ATU-16F Antenna (B) & Li-Ion Standard Battery (a)

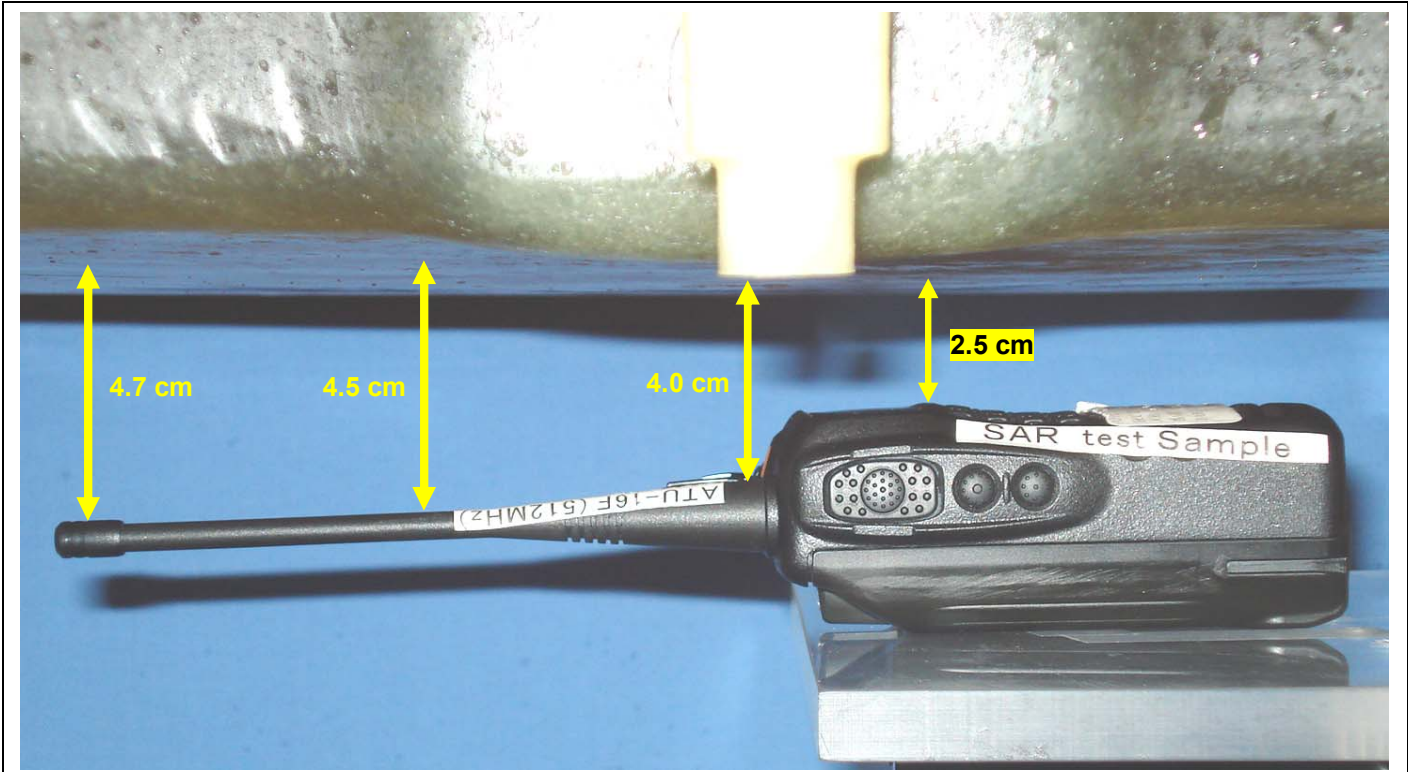


Face-held - **VX-459-G7-5** Radio with ATU-16D Antenna (A) & Li-Ion Extended Battery (b)

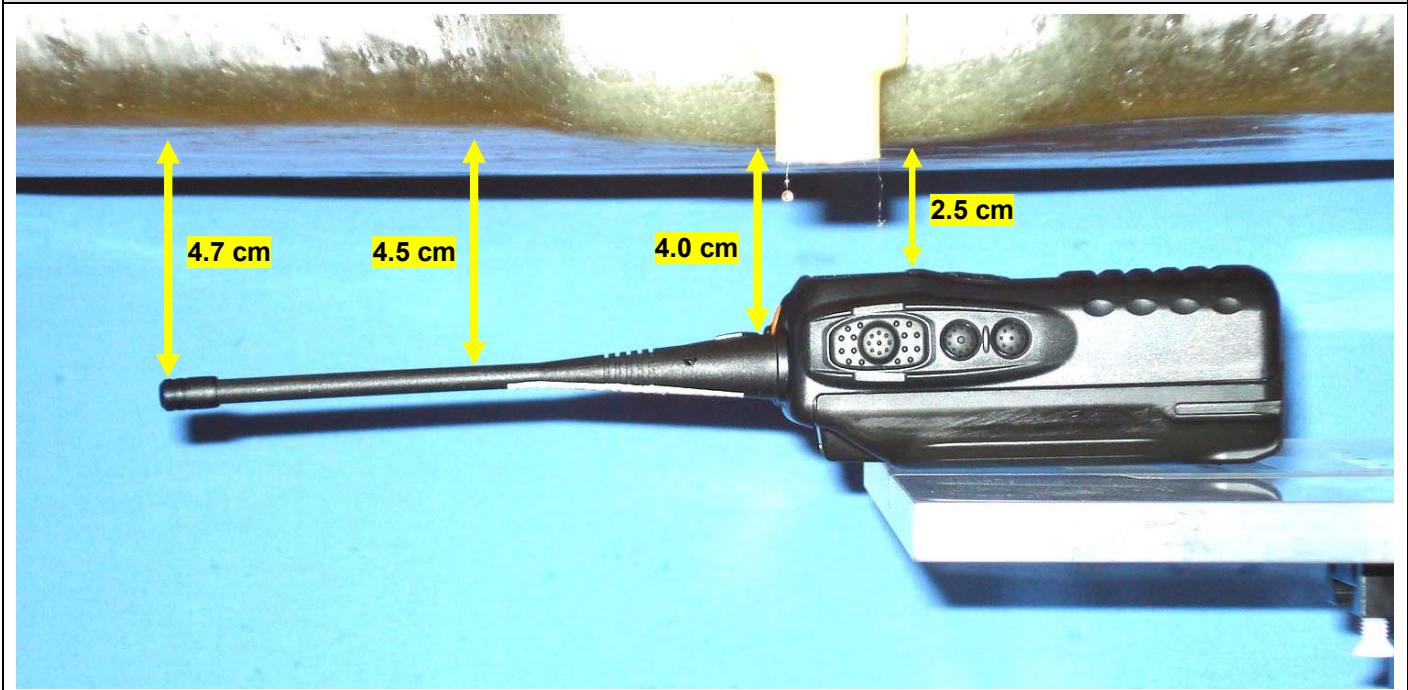
<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	


**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**





Face-held - **VX-459-G7-5** Radio with ATU-16F **Antenna (B)** & Li-Ion Extended **Battery (b)**



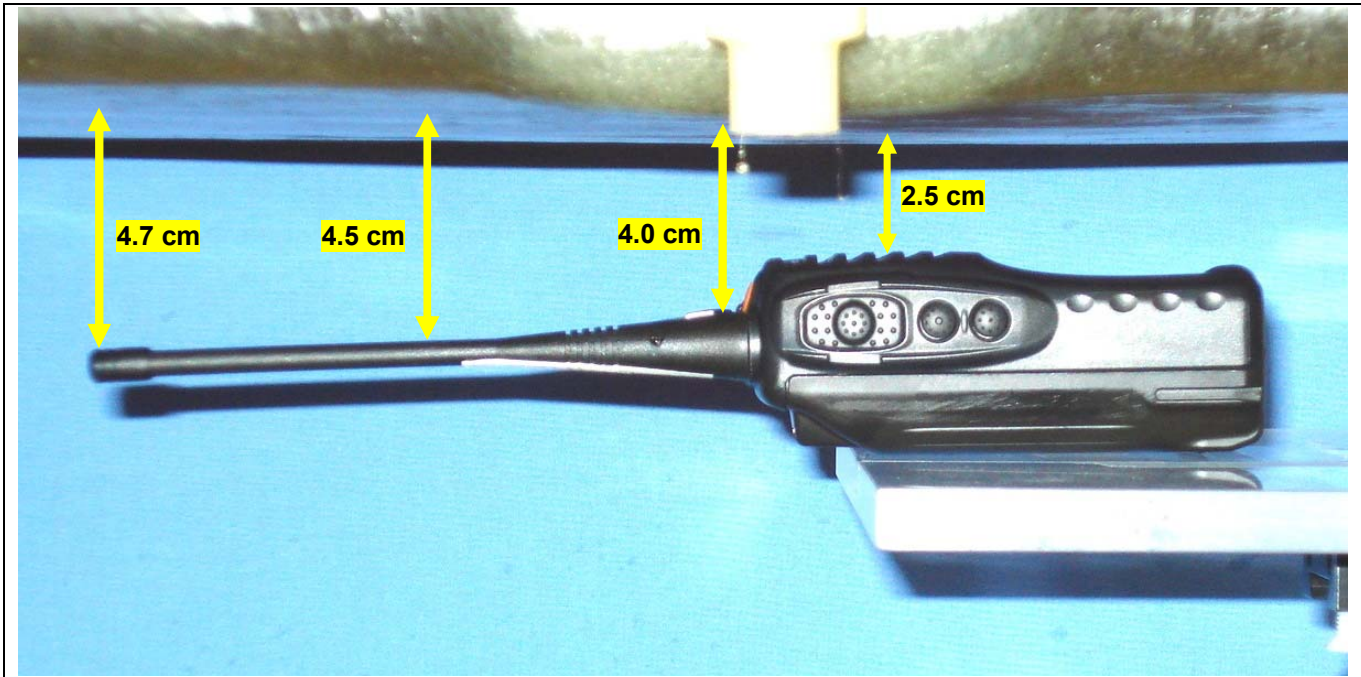
Face-held - **VX-454-G7-5** Radio with ATU-16F **Antenna (B)** & Li-Ion Extended **Battery (b)**

<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**

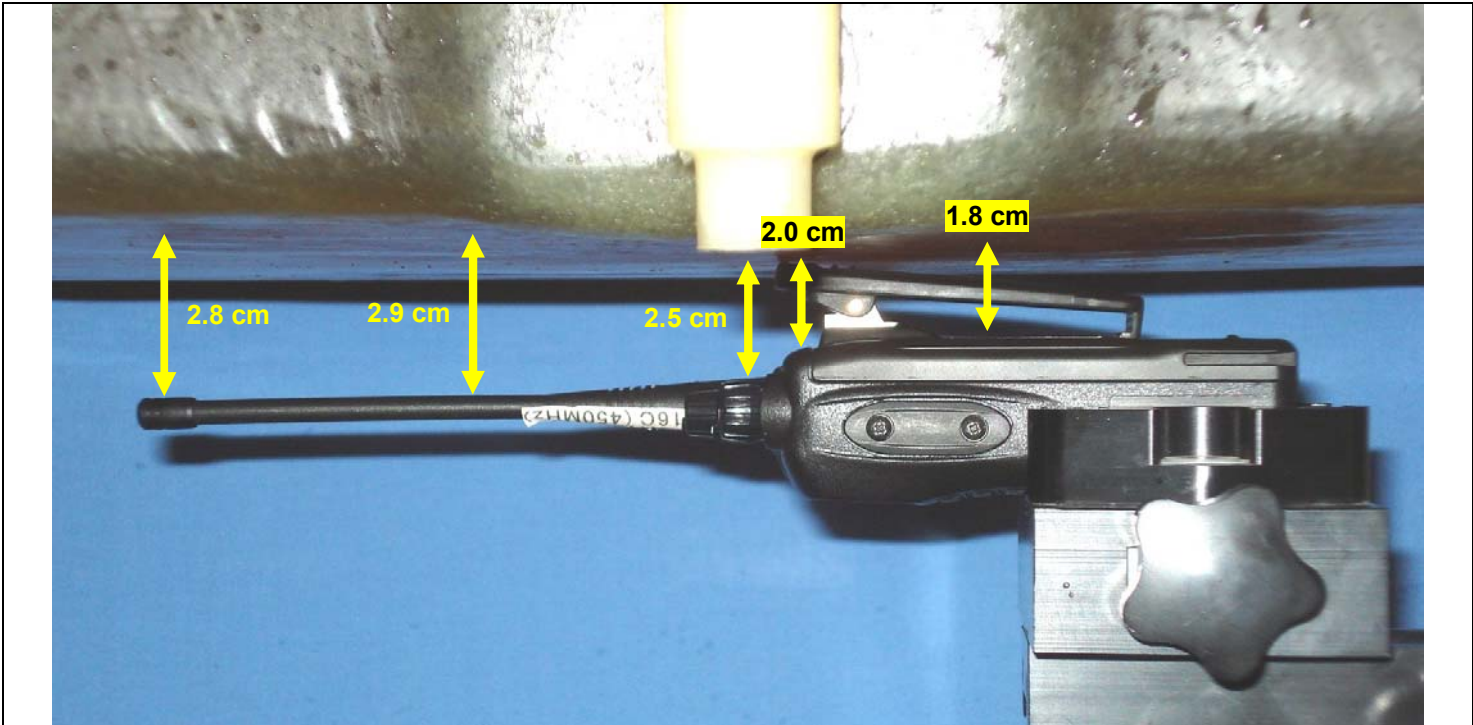


Face-held - **VX-451-G7-5** Radio with ATU-16F **Antenna (B)** & Li-Ion Extended **Battery (b)**

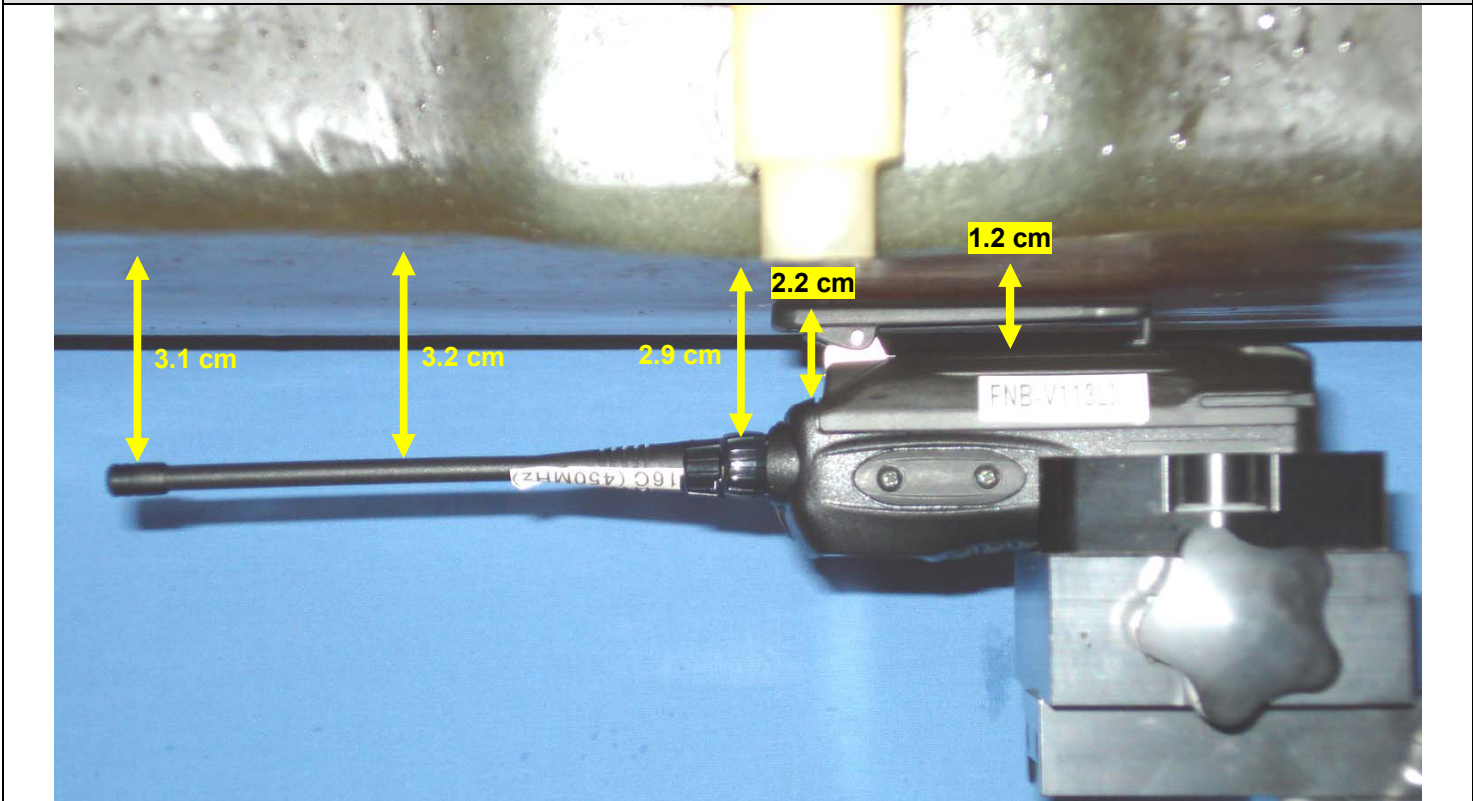
<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITHOUT AUDIO ACCESSORY)**




Body-worn with ATU-16D Antenna (A) & Li-Ion Standard Battery (a) - 1.8 cm Belt-Clip Spacing (Battery Housing & Antenna Parallel to Phantom)





Body-worn with ATU-16D Antenna (A) & Li-Ion Extended Battery (b) - 1.2 cm Belt-Clip Spacing (Battery Housing & Antenna Parallel to Phantom)

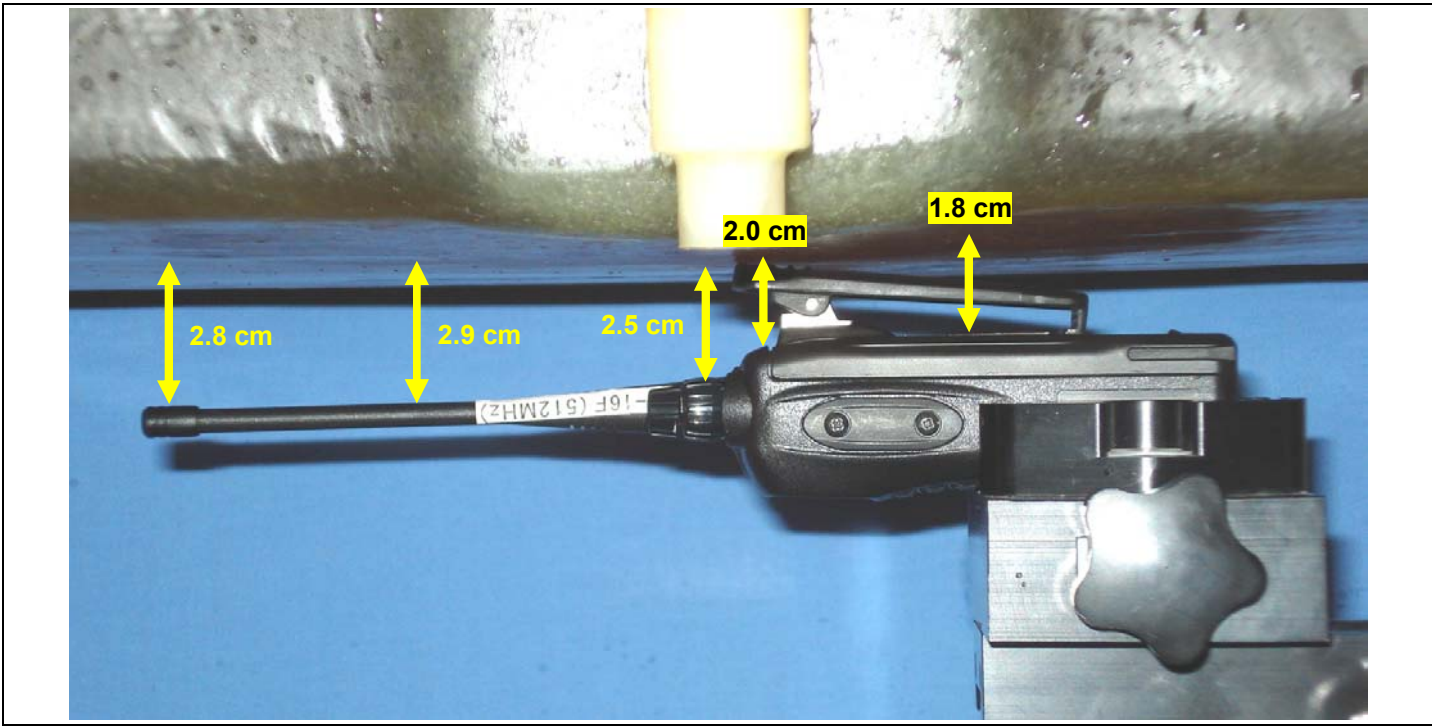
Note: Models VX-459-G7-5, VX-451-G7-5, VX-454-G7-5 are identical with respect to the above-listed separation distances from phantom

Applicant:	Vertex Standard Co., Ltd.	FCC ID:	K6610944720	IC:	511B-10944720	
DUT Type:	Portable UHF PTT Radio Transceiver	Models:	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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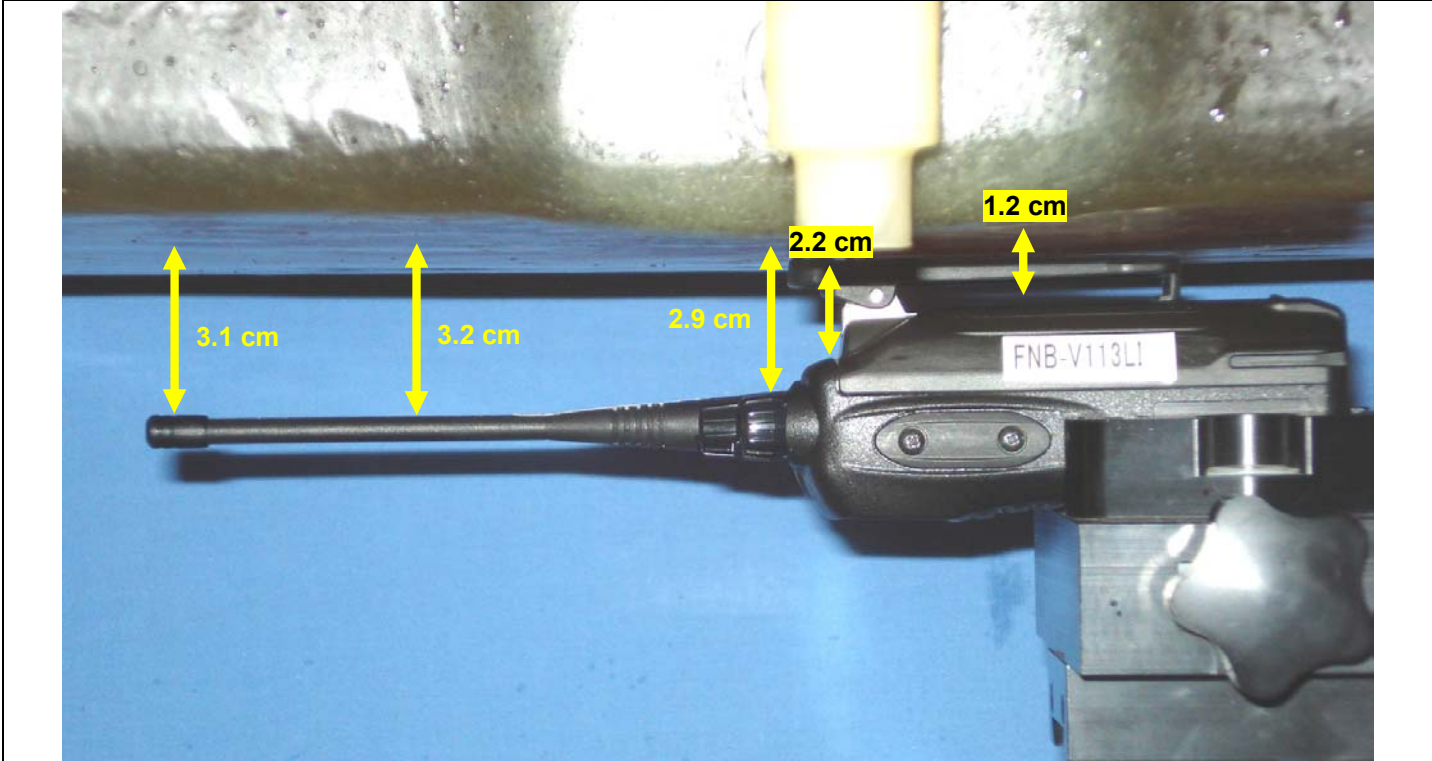


	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITHOUT AUDIO ACCESSORY)**






Body-worn with ATU-16F Antenna (B) & Li-Ion Standard Battery (a) - 1.8 cm Belt-Clip Spacing (Battery Housing & Antenna Parallel to Phantom)



Body-worn with ATU-16F Antenna (B) & Li-Ion Extended Battery (b) - 1.2 cm Belt-Clip Spacing (Battery Housing & Antenna Parallel to Phantom)

Note: Models VX-459-G7-5, VX-451-G7-5, VX-454-G7-5 are identical with respect to the above-listed separation distances from phantom


Applicant:	Vertex Standard Co., Ltd.	FCC ID:	K6610944720	IC:	511B-10944720	
DUT Type:	Portable UHF PTT Radio Transceiver	Models:	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	



**BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH AUDIO ACCESSORY)**



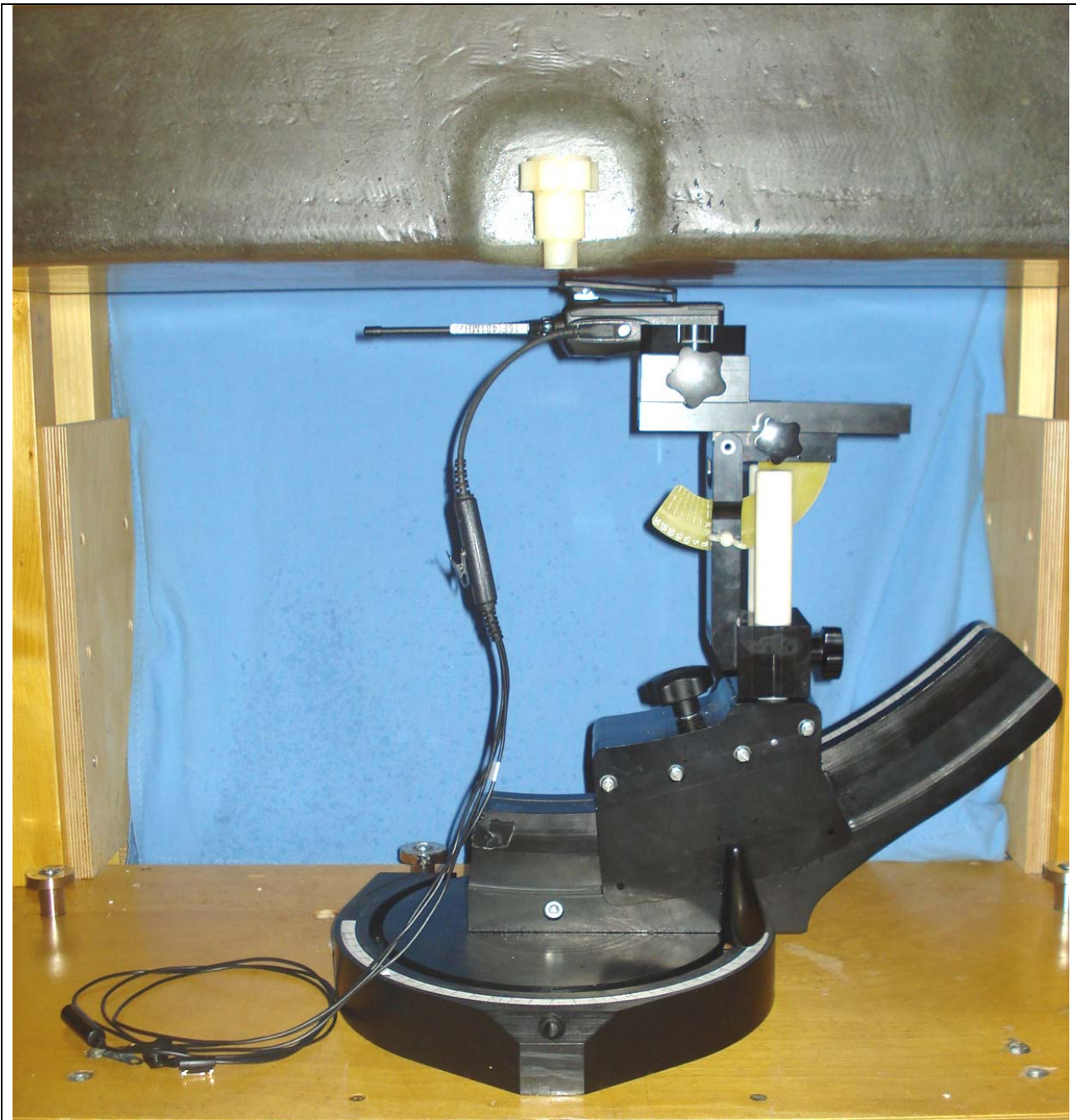
**DUT with Belt-Clip Body-worn Accessory (P/N: CLIP-20) & Audio Accessory Category #1 (Headset P/N: VH-215S)**

<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	



**BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH AUDIO ACCESSORY)**



DUT with Belt-Clip Body-worn Accessory (P/N: CLIP-20) & Audio Accessory Category #2 (Earpiece w/ mic/PTT P/N: VH-120S)

<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH AUDIO ACCESSORY)**



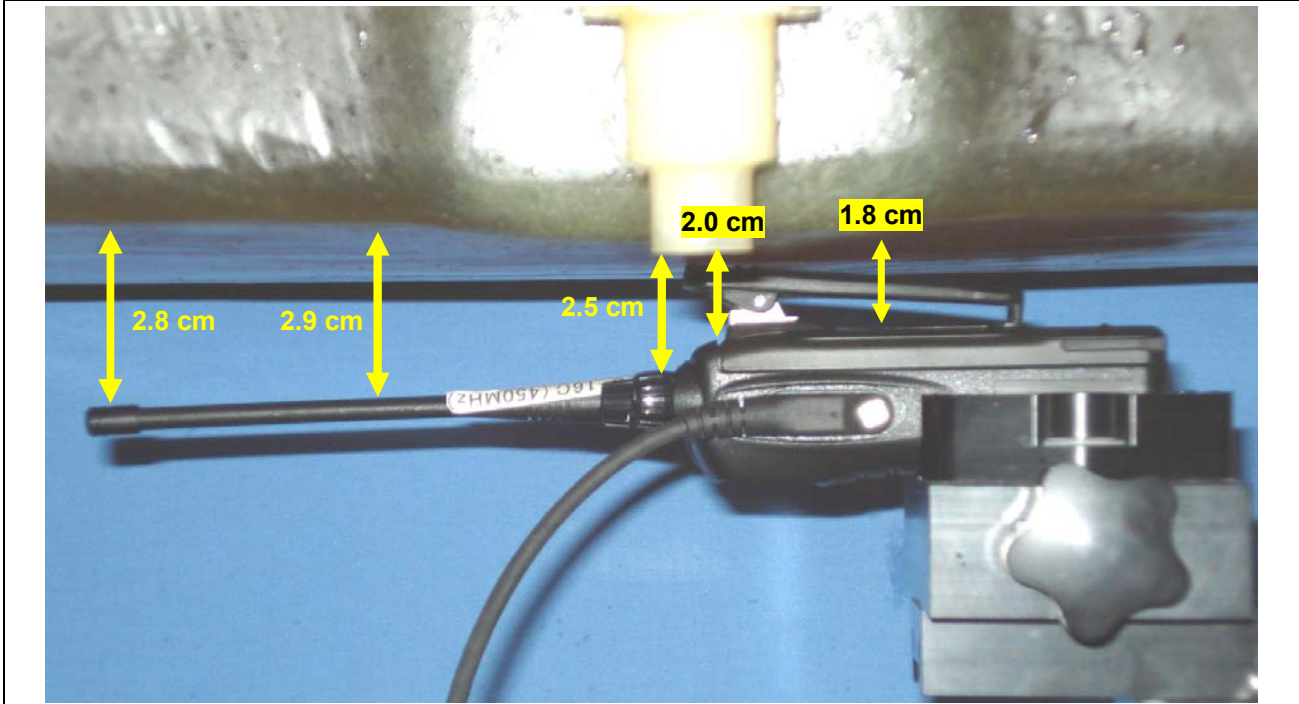
**DUT with Belt-Clip Body-worn Accessory (P/N: CLIP-20) & Audio Accessory Category #3 (Speaker-Mic P/N: MH-45B4B)**

<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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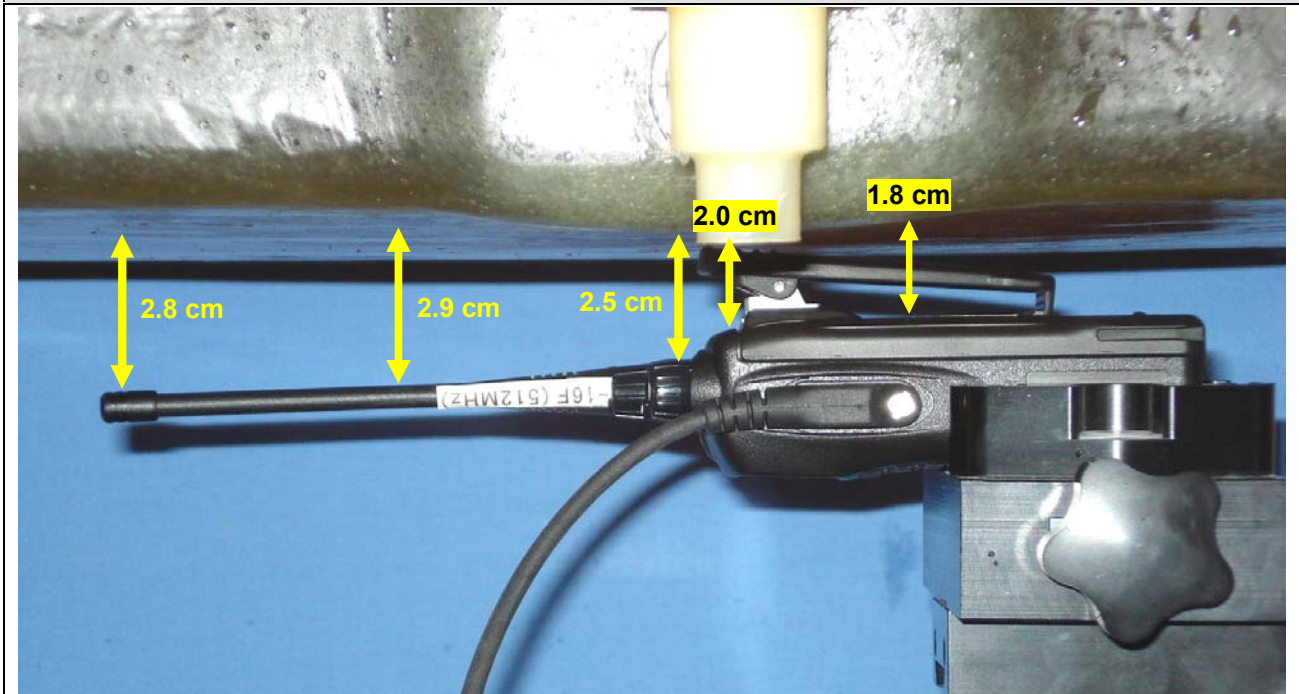
	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 11/23, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.1 (2nd Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 24, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH AUDIO ACCESSORY)**

**BODY-WORN CONFIGURATION**




**Body-worn with ATU-16D Antenna (A) & Li-Ion Standard Battery (a) FNB-V112LI  
- 1.8 cm Belt-Clip Spacing (Battery Housing & Antenna Parallel to Phantom)**



**Body-worn with ATU-16F Antenna (B) & Li-Ion Standard Battery (a) FNB-V112LI  
- 1.8 cm Belt-Clip Spacing (Battery Housing & Antenna Parallel to Phantom)**

Note: Models VX-459-G7-5, VX-451-G7-5, VX-454-G7-5 are identical with respect to the above-listed separation distances from phantom

<b>Applicant:</b>	Vertex Standard Co., Ltd.	<b>FCC ID:</b>	K6610944720	<b>IC:</b>	511B-10944720	
<b>DUT Type:</b>	Portable UHF PTT Radio Transceiver	<b>Models:</b>	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
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