



Date(s) of Evaluation
08/30-31, 09/09-10, 2010

Test Report Issue Date
October 19, 2010

Test Report Serial No.
082310K66-T1041-S90U

Test Report Revision No.
Rev. 1.0 (Initial Release)

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
Occupational (Controlled)



Test Lab Certificate No. 2470.01



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		
2010 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 77 of 96

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	



Applicant:	Vertex Standard Co., Ltd.	FCC ID:	K6610944720		IC:	511B-10944720		 Vertex Standard
DUT Type:	Portable UHF PTT Radio Transceiver		Models:	VX-451-G7-5		VX-454-G7-5	VX-459-G7-5	
2010 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 78 of 96	



Belt-Clip Thickness Measurement Distance – Radio with Standard Li-ion Battery (a)



Belt-Clip Thickness Measurement Distance – Radio with Extended Li-ion Battery (b)

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ETAC MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	



Front Keypad side of Radio



Back of Radio with Battery removed



Belt-Clip P/N: CLIP-20 (contains metal)

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	



Standard Li-Ion Battery (a) with Belt-Clip



Standard Li-Ion Battery (a) without Belt-Clip



Standard Li-Ion Battery (a) - 1170 mAh



Extended Li-Ion Battery (b) with Belt-Clip

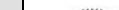


Extended Li-Ion Battery (b) without Belt-Clip



Extended Li-Ion Battery (b) - 2400 mAh

Applicant:	Vertex Standard Co., Ltd.	FCC ID:	K6610944720		IC:	511B-10944720	 Vertex Standard
DUT Type:	Portable UHF PTT Radio Transceiver		Models:	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
2010 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 96	

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

HEADSET AUDIO ACCESSORY SELECTED FOR TESTING (AUDIO ACCESSORY CATEGORY #1)



 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

SPEAKER-MICROPHONE AUDIO ACCESSORY SELECTED FOR TESTING (AUDIO ACCESSORY CATEGORY #3)



Noise-Canceling Speaker-Microphone (P/N: MH-45B4B)

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

AUDIO ACCESSORY NOT TESTED (HEADSET AUDIO ACCESSORY CATEGORY #1)



 Celltech <small>Testing and Engineering Services Ltd.</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 IAC-MRA  ACREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

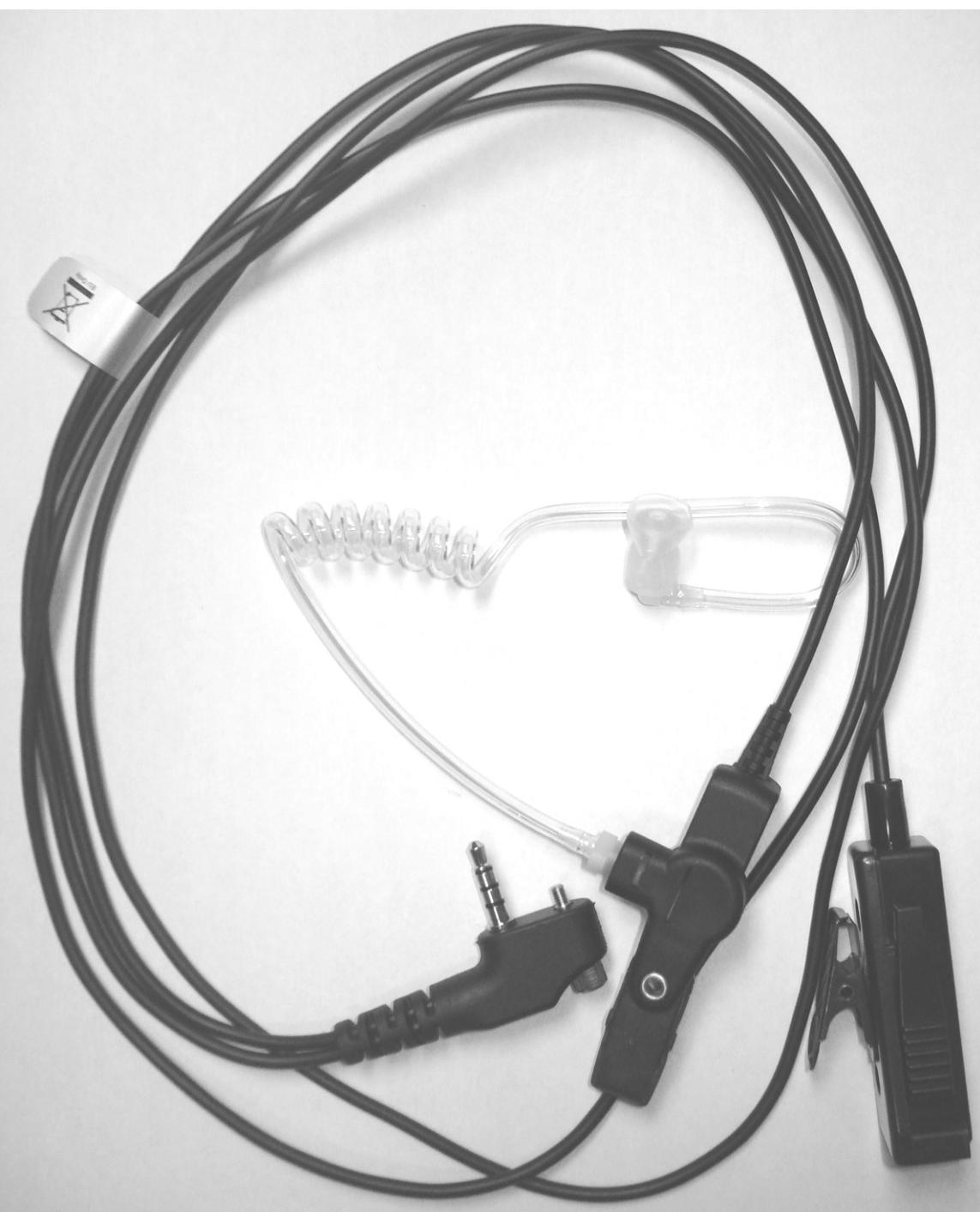
AUDIO ACCESSORY NOT TESTED (HEADSET AUDIO ACCESSORY CATEGORY #1)



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

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

AUDIO ACCESSORY NOT TESTED (EARPIECE AUDIO ACCESSORY CATEGORY #2)



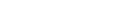
Earpiece with Palm-Mic & PTT (P/N: VH-130S)

Applicant:	Vertex Standard Co., Ltd.	FCC ID:	K6610944720		IC:	511B-10944720	 Vertex Standard
DUT Type:	Portable UHF PTT Radio Transceiver		Models:	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
2010 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 96		

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

AUDIO ACCESSORY NOT TESTED (EARPIECE AUDIO ACCESSORY CATEGORY #2)



 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ILAC-MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

AUDIO ACCESSORY NOT TESTED (SPEAKER-MICROPHONE AUDIO ACCESSORY CATEGORY #3)



Applicant:	Vertex Standard Co., Ltd.	FCC ID:	K6610944720		IC:	511B-10944720	 Vertex Standard
DUT Type:	Portable UHF PTT Radio Transceiver		Models:	VX-451-G7-5	VX-454-G7-5	VX-459-G7-5	
2010 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 96	

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> 08/30-31, 09/09-10, 2010	<u>Test Report Serial No.</u> 082310K66-T1041-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 ETAC MRA  ACCREDITED
	<u>Test Report Issue Date</u> October 19, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

AUDIO ACCESSORY NOT TESTED (SPEAKER-MICROPHONE AUDIO ACCESSORY CATEGORY #3)

