

 Celltech <small>Testing and Engineering Services Ltd.</small>	<u>Date(s) of Evaluation</u> Nov. 28, '07 - Jan. 16, '08	<u>Test Report Serial No.</u> 111507UGL-T876-S15WB	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Certificate No. 2470.01
	<u>Test Report Issue Date</u> March 11, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Population	

APPENDIX E - SAR TEST SETUP & DUT PHOTOGRAPHS

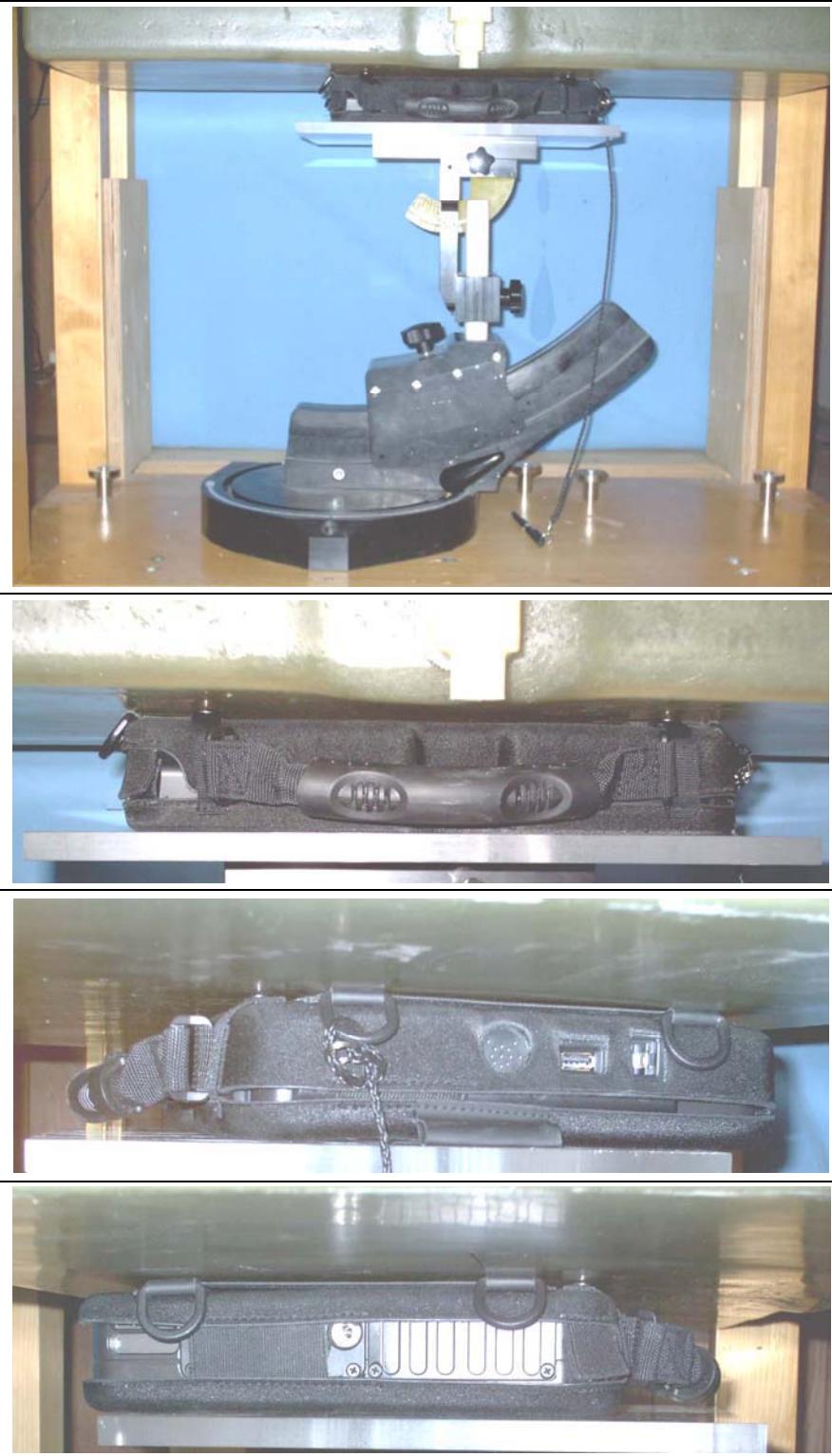
Applicant: DRS Tactical Systems, Inc.	FCC ID: UGL980026000WF	Model(s): Armor X10	
DUT Type: Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth			
2008 Celltech Labs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.		Page 69 of 92



<u>Date(s) of Evaluation</u> Nov. 28, '07 - Jan. 16, '08	<u>Test Report Serial No.</u> 111507UGL-T876-S15WB	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)
<u>Test Report Issue Date</u> March 11, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Population



BODY SAR TEST SETUP PHOTOGRAPHS
Bottom Side of Tablet PC Touching Planar Phantom
(WLAN MAIN & AUX Diversity Antenna Evaluations)



Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 70 of 92	



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

BODY SAR TEST SETUP PHOTOGRAPHS

MAIN Antenna Edge of Tablet PC Touching Planar Phantom
AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
(WLAN MAIN & AUX Diversity Antenna Evaluations)



Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 71 of 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

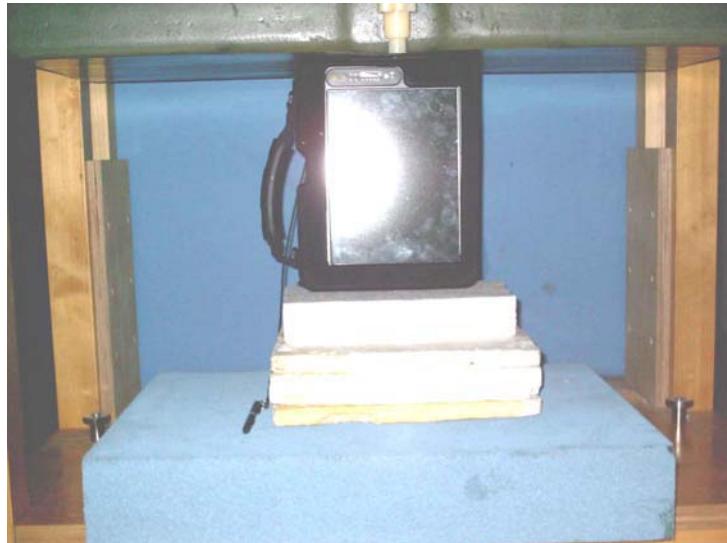
Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

BODY SAR TEST SETUP PHOTOGRAPHS
AUX Antenna Edge of Tablet PC Touching Planar Phantom
(WLAN AUX Diversity Antenna Evaluations)



Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 72 of 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

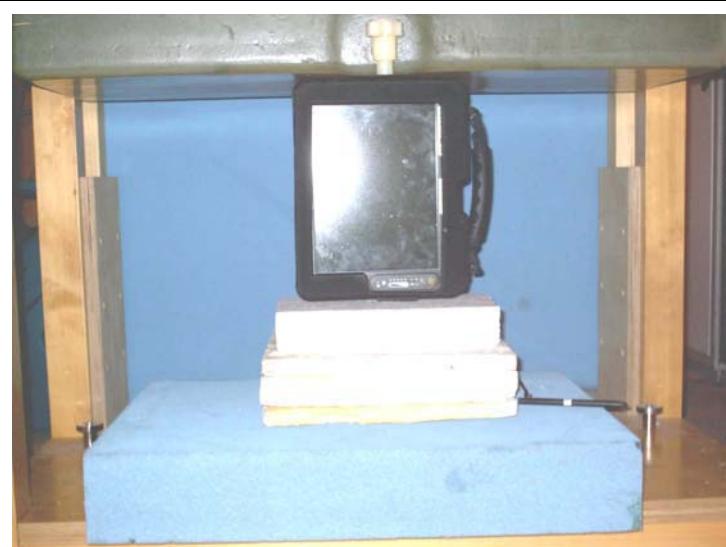
Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

BODY SAR TEST SETUP PHOTOGRAPHS
MAIN Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
(WLAN MAIN Diversity Antenna Evaluations)



Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 73 of 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 74 of 92	



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC with Fixed Nylon Case - "90 Degrees Portrait" LCD Display Orientation



DRS Armor X10 Tablet PC with Fixed Nylon Case - "90 Degrees Portrait" LCD Display Orientation

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 75 of 92

 Celltech <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> Nov. 28, '07 - Jan. 16, '08	<u>Test Report Serial No.</u> 111507UGL-T876-S15WB	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	  <small>ACREDITED</small>
	<u>Test Report Issue Date</u> March 11, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Population	

Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC with Fixed Nylon Case - "180 Degrees Landscape" LCD Display Orientation



DRS Armor X10 Tablet PC with Fixed Nylon Case - Bottom Side of Tablet PC

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 76 of 92



<u>Date(s) of Evaluation</u> Nov. 28, '07 - Jan. 16, '08	<u>Test Report Serial No.</u> 111507UGL-T876-S15WB	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)
<u>Test Report Issue Date</u> March 11, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC with Fixed Nylon Case - “-90 Degrees Portrait” LCD Display Orientation



DRS Armor X10 Tablet PC with Fixed Nylon Case - “-90 Degrees Portrait” LCD Display Orientation

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC - WLAN MAIN Diversity Antenna Edge & Bluetooth Antenna Edge ("180 Degrees Landscape")



DRS Armor X10 Tablet PC - WLAN AUX Diversity Antenna Edge ("90 Degrees Portrait")



DRS Armor X10 Tablet PC - WLAN MAIN Diversity Antenna Adjacent Edge ("90 Degrees Portrait")

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Issue Date
March 11, 2008

Test Report Serial No.
111507UGL-T876-S15WB

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

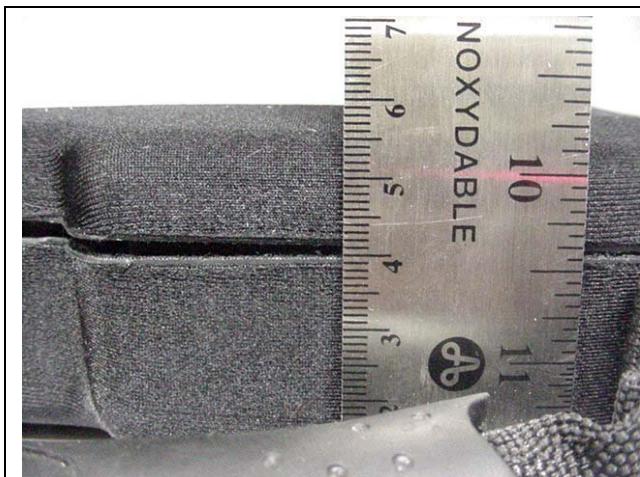
Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population

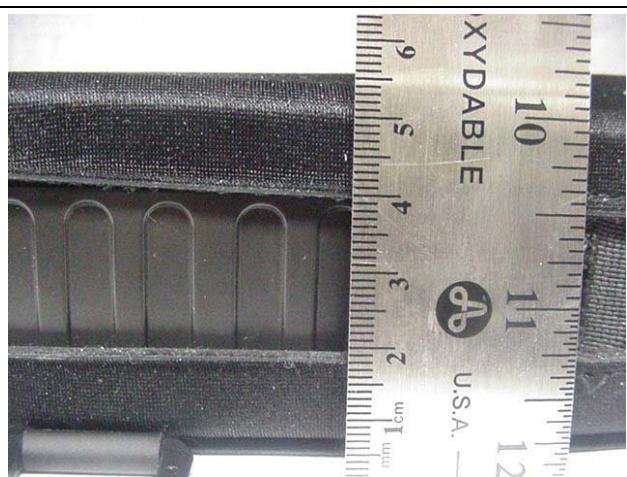


Certificate No. 2470.01

DUT PHOTOGRAPHS



Distance from Bottom of PC to Top of Case - MAIN Ant. Edge



Distance from Bottom of PC to Top of Case - MAIN Ant. Adj. Edge



Nylon Case ("90 Degrees Portrait")



Nylon Case ("90 Degrees Portrait")

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 79 of 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



Nylon Case - Top Side



Nylon Case - Bottom Side



Nylon Case ("0 Degrees Landscape")



Nylon Case ("180 Degrees Landscape")



Nylon Case ("90 Degrees Portrait")



Nylon Case ("90 Degrees Portrait")

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92	



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Issue Date
March 11, 2008

Test Report Serial No.
111507UGL-T876-S15WB

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

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC - "0 Degrees Landscape" LCD Display Orientation (Nylon Case Removed)



DRS Armor X10 Tablet PC - "180 Degrees Landscape" LCD Display Orientation (Nylon Case Removed)

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92

 Celltech <small>Testing and Engineering Services Ltd.</small>	<u>Date(s) of Evaluation</u> Nov. 28, '07 - Jan. 16, '08	<u>Test Report Serial No.</u> 111507UGL-T876-S15WB	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 NAC-MRA  ACREDITED
	<u>Test Report Issue Date</u> March 11, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Population	

Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC - "90 Degrees Portrait" LCD Display Orientation (Nylon Case Removed)



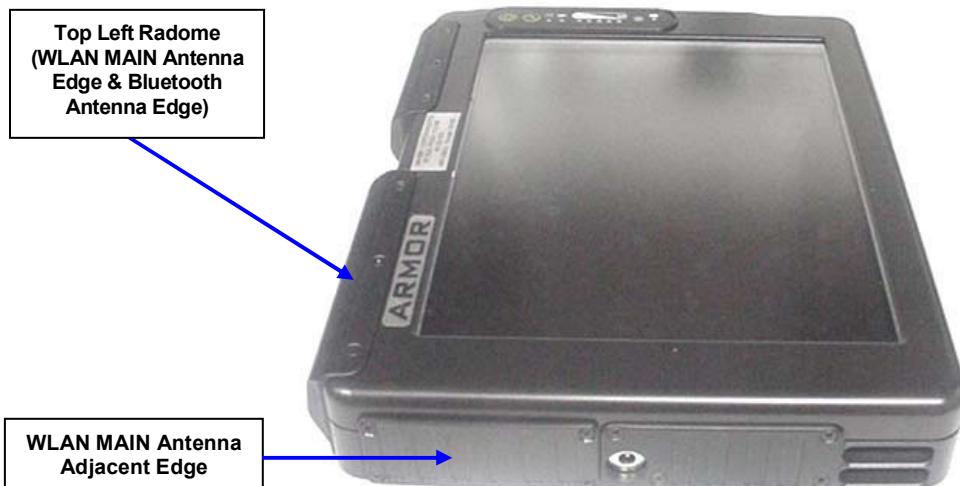
DRS Armor X10 Tablet PC - "-90 Degrees Portrait" LCD Display Orientation (Nylon Case Removed)

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	 DRS <small>TECHNOLOGIES</small>
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92	

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC - MAIN Antenna & Bluetooth Antenna Edge - "180 Degrees Landscape" (Nylon Case Removed)



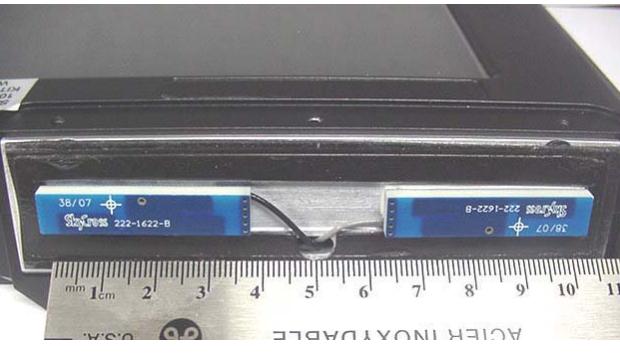
DRS Armor X10 Tablet PC - WLAN MAIN Diversity Antenna Edge - "-90 Degrees Portrait" (Nylon Case Removed)



DRS Armor X10 Tablet PC - WLAN AUX Diversity Antenna Edge - "90 Degrees Portrait" (Nylon Case Removed)

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92	

DUT PHOTOGRAPHS

 <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>Bluetooth Antenna</p> </div> <div style="text-align: center;"> <p>WLAN MAIN Diversity Antenna</p> </div> </div>	
<p>DRS Armor X10 Tablet PC - WLAN MAIN Diversity Antenna & Bluetooth Antenna - "180 Degrees Landscape"</p>	
	
	
<p>Bluetooth Antenna and WLAN MAIN Diversity Antenna</p>	<p>WLAN MAIN Diversity Antenna Distance to Adjacent Edge</p>
	
<p>Bluetooth Antenna</p>	<p>WLAN MAIN Diversity Antenna</p>

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92	



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS

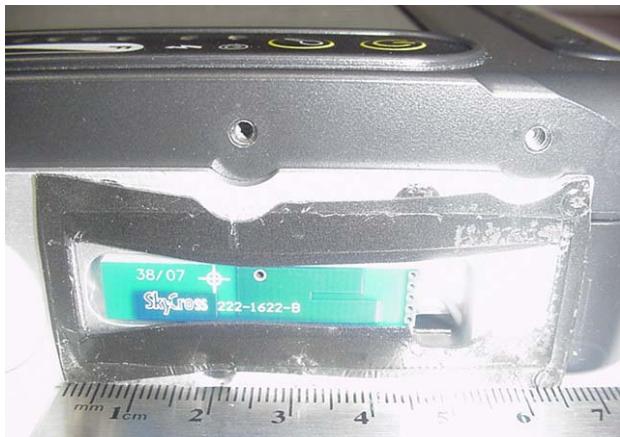


DRS Armor X10 Tablet PC - WLAN AUX Diversity Antenna - "90 Degrees Portrait"



WLAN AUX Diversity Antenna

WLAN AUX Diversity Antenna Distance to Adjacent Edge



WLAN AUX Diversity Antenna

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Serial No.
111507UGL-T876-S15WB

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

Test Report Issue Date
March 11, 2008

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



DUT PHOTOGRAPHS



Distance between WLAN AUX Diversity Antenna and Bluetooth Antenna

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Issue Date
March 11, 2008

Test Report Serial No.
111507UGL-T876-S15WB

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

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
General Population



Certificate No. 2470.01

DUT PHOTOGRAPHS



DRS Armor X10 Tablet PC - Bottom Side with Lithium-ion Battery installed (Nylon Case Removed)



DRS Armor X10 Tablet PC - Bottom Side with Lithium-ion Battery removed (Nylon Case Removed)

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92

 Celltech Testing and Engineering Services Ltd	Date(s) of Evaluation Nov. 28, '07 - Jan. 16, '08	Test Report Serial No. 111507UGL-T876-S15WB	Test Report Revision No. Rev. 1.0 (Initial Release)	 NAC-MRA ACCREDITED Certificate No. 2470.01
	Test Report Issue Date March 11, 2008	Description of Test(s) Specific Absorption Rate	RF Exposure Category General Population	

DUT PHOTOGRAPHS



DRS Lithium-ion Battery Model: 0300-15663-0001

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					

2008 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 92



Date(s) of Evaluation
Nov. 28, '07 - Jan. 16, '08

Test Report Issue Date
March 11, 2008

Test Report Serial No.
111507UGL-T876-S15WB

Description of Test(s)
Specific Absorption Rate

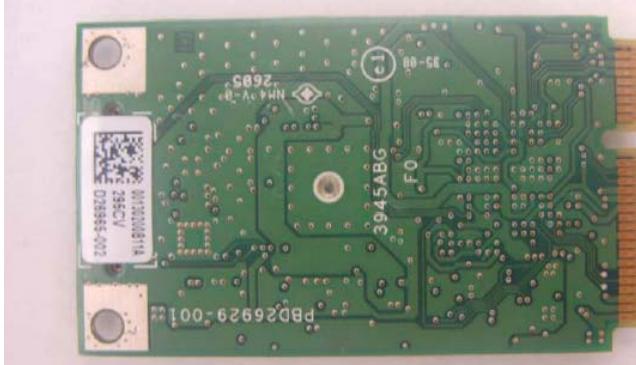
Test Report Revision No.
Rev. 1.0 (Initial Release)

RF Exposure Category
General Population

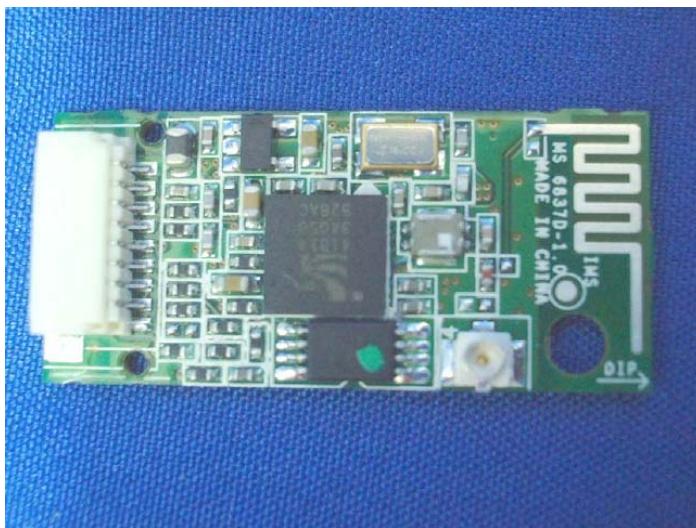


Certificate No. 2470.01

DUT PHOTOGRAPHS



Intel PRO/Wireless 3945ABG 802.11abg WLAN Mini-PCI Express Card



MSI Co., Ltd. Class II Bluetooth Model: MS-6837D

Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
2008 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 92