



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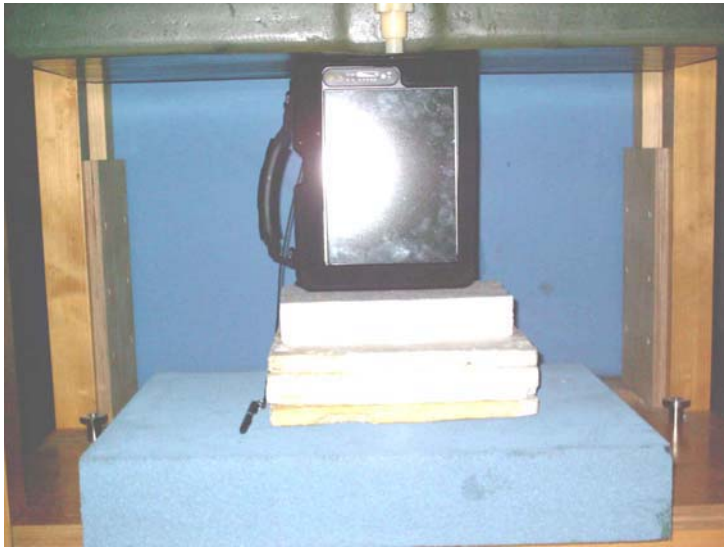
BODY SAR TEST SETUP PHOTOGRAPHS
MAIN Antenna Edge of Tablet PC Touching Planar Phantom
AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
(WLAN MAIN & AUX Diversity Antenna Evaluations)






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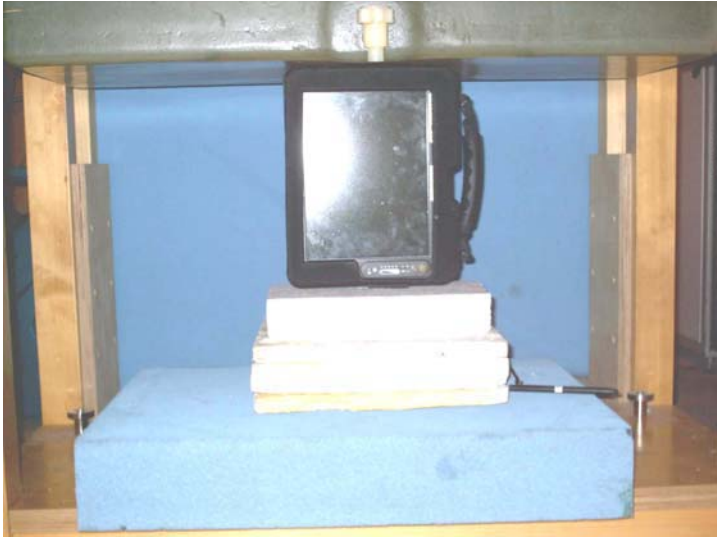
BODY SAR TEST SETUP PHOTOGRAPHS
AUX Antenna Edge of Tablet PC Touching Planar Phantom
(WLAN AUX Diversity Antenna Evaluations)







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					
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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					
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DUT PHOTOGRAPHS





DRS Armor X10 Tablet PC with Fixed Nylon Case - "0 Degrees Landscape" LCD Display Orientation



DRS Armor X10 Tablet PC with Fixed Nylon Case - "0 Degrees Landscape" 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					
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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					
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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					
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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					
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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")

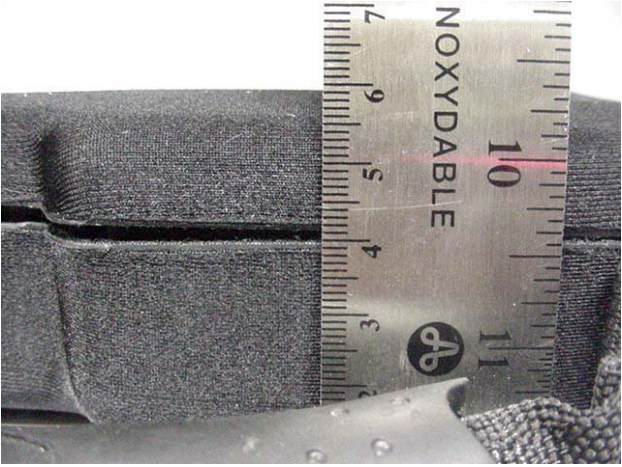
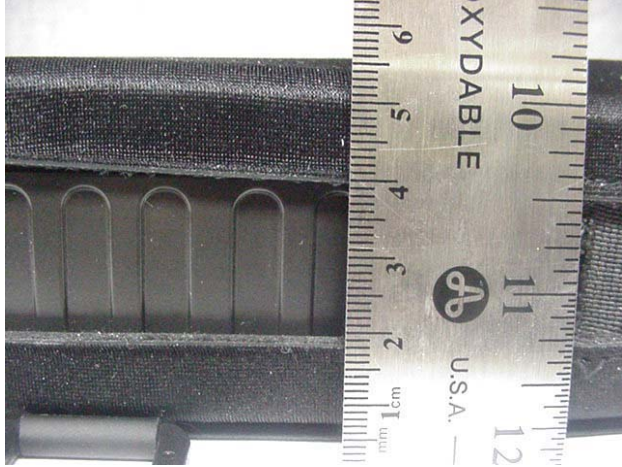





DRS Armor X10 Tablet PC - WLAN MAIN Diversity Antenna Adjacent Edge ("90 Degrees Portrait")



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					
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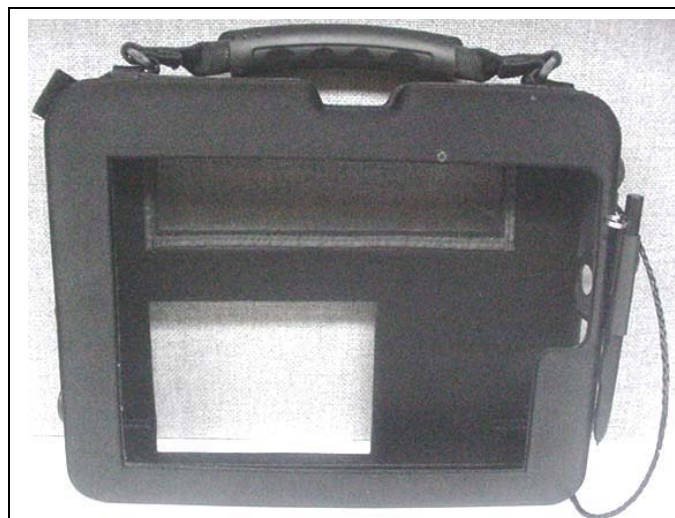
DUT PHOTOGRAPHS

	
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					
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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					
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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					
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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	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
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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 Adjacent 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					
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DUT PHOTOGRAPHS

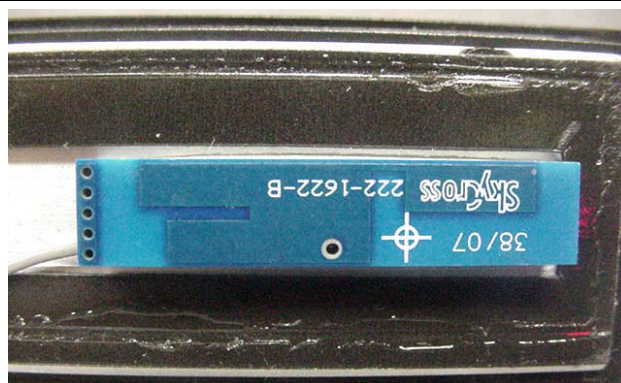


DRS Armor X10 Tablet PC - WLAN MAIN Diversity Antenna & Bluetooth Antenna - "180 Degrees Landscape"




Bluetooth Antenna and WLAN MAIN Diversity Antenna



WLAN MAIN Diversity Antenna Distance to Adjacent Edge



Bluetooth Antenna

WLAN MAIN Diversity Antenna

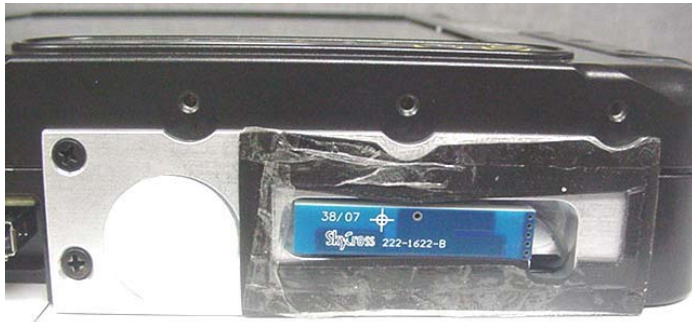
Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL980026000WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
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DUT PHOTOGRAPHS



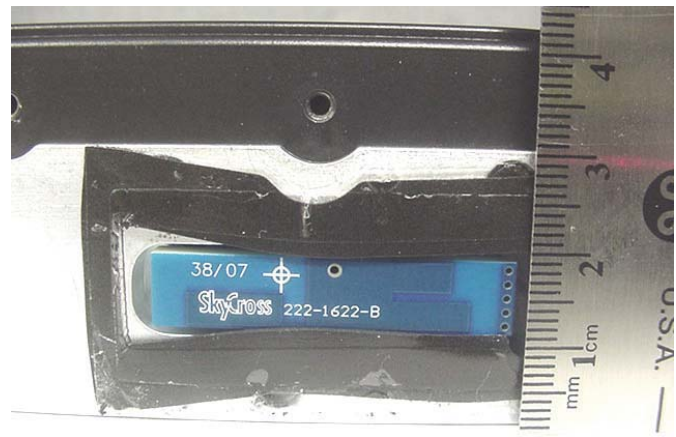
DRS Armor X10 Tablet PC - WLAN AUX Diversity Antenna - "90 Degrees Portrait"




WLAN AUX Diversity Antenna






WLAN AUX Diversity Antenna Distance to Adjacent Edge



WLAN AUX Diversity Antenna


Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL98002600WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
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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					
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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					
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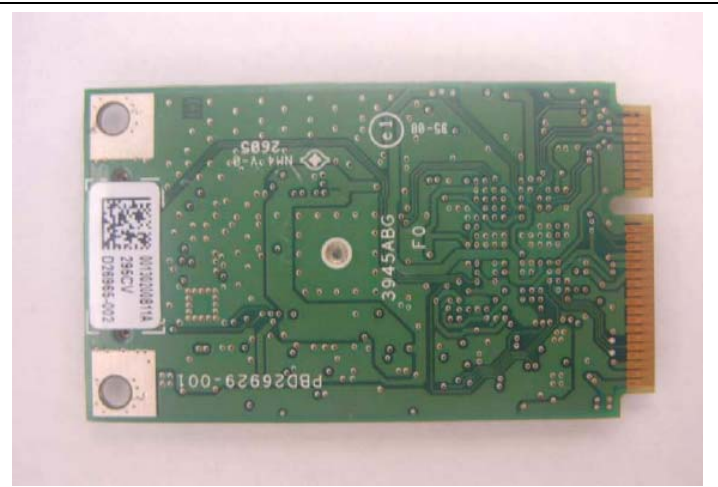
DUT PHOTOGRAPHS



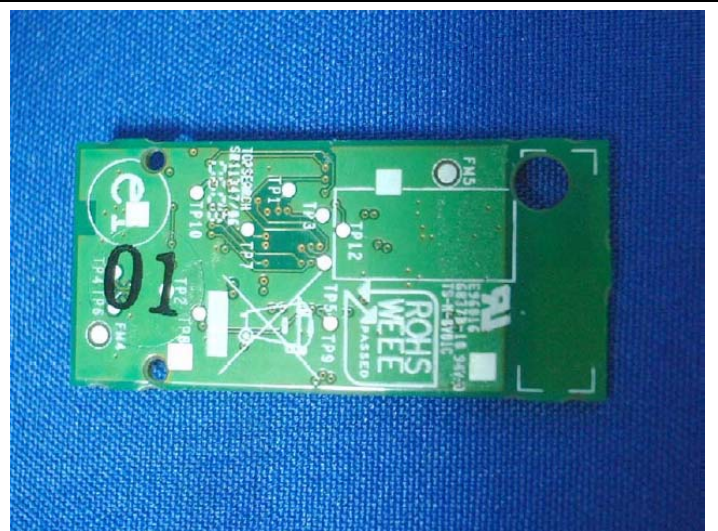
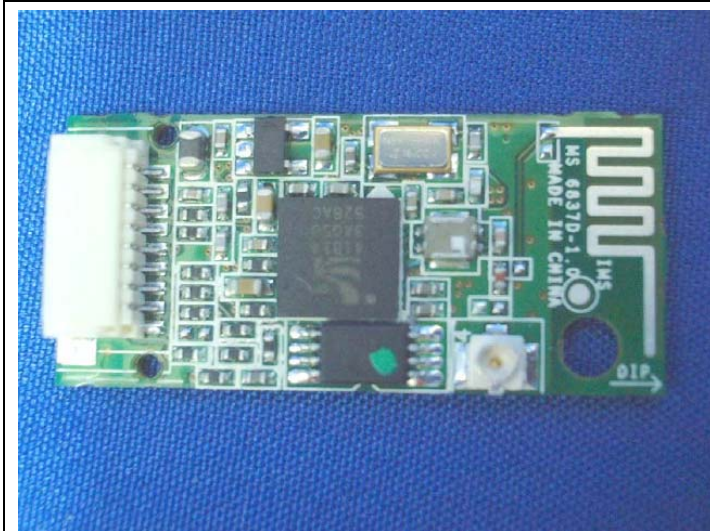
Applicant:	DRS Tactical Systems, Inc.	FCC ID:	UGL98002600WF	Model(s):	Armor X10	
DUT Type:	Tablet PC with Intel PRO/Wireless 3945ABG WLAN & Co-located MSI MS-6837D Bluetooth					
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DUT PHOTOGRAPHS



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					
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