# Page No. B-29 of 126 Test Report No. T71352.01-01

Page No. A-1 of 10 Test Report No. T71013.01-01 ATTACHMENT A NOTICES OF ANOMALY WYLE LABORATORIES, INC. **Huntsville Facility** 

# Page No. B-30 of 126 Test Report No. T71352.01-01

### Page No. A-2 of 10 Test Report No. T71013.01-01

NOTICE OF ANOMALY	DATE: 07/11/2013
NOTICE NO: 1 P.O. NUMBER: ES&S-MSA-TA029	CONTRACT NO: N/A
CUSTOMER; ES&S	WYLE JOB NO:
NOTIFICATION MADE TO: Paul Huffman	NOTIFICATION DATE: 07/11/2013
NOTIFICATION MADE BY: Ryan Chambers	VIA:In person
CATEGORY:  X  SPECIMEN     PROCEDURE     TEST EQUIPMENT PART NAME: DS200 PART NO. DS200	DATE OF ANOMALY: 07/11/2013
TEST: Lightning Surge Test (LST)	LD. NO. DS0313350009
SPECIFICATION: VVSG Volume 1	
PARA. NO. <u>Section 4.1.2.7</u>	
REQUIREMENTS: 2005 VVSG Volume 1: Section 4.1.2.4	
b. +2 kV AC line to earth  *c. + or - 0.5 kV DC line to line >10m  *d. + or - 0.5 kV DC line to earth >10m  *e. +1 kV I/O sig/control >30m	CHUT A
*Indicates requirements that do not apply to the Unit Under Te not contain DC lines in excess of 10 Meters, nor does it contain a DESCRIPTION OF ANOMALY:	
not contain DC lines in excess of 10 Meters, nor does it contain a	any I/O lines greater than 30 meters.  sing performed on July 11, 2013 the AC uffered a disruption of normal operation.  2 kV. The failure occurred at pulse 3 of
DESCRIPTION OF ANOMALY:  After the being subjected to the Lightning Surge Test (LST) be Power Adapter ceased to function and as a result, the DS200 st The AC Power Adapter ceased to function, during application of	any I/O lines greater than 30 meters.  sing performed on July 11, 2013 the AC uffered a disruption of normal operation.  2 kV. The failure occurred at pulse 3 of
DESCRIPTION OF ANOMALY:  After the being subjected to the Lightning Surge Test (LST) be Power Adapter ceased to function and as a result, the DS200 st The AC Power Adapter ceased to function, during application of 7 Sync: 0°/60Hz between the Path L1N. Photographs were taked Component Description: AC Power Adapter Manufacturer: Power-Win Technology Corp.	any I/O lines greater than 30 meters.  Sing performed on July 11, 2013 the AC affered a disruption of normal operation.  2 kV. The failure occurred at pulse 3 of en of the testing site.

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#### Page No. A-3 of 10 Test Report No. T71013.01-01

		NOTICE	OF ANOMALY		
		IENTS • RECO	MMENDATIONS: e analysis to be presented	by the client.	
Potential 10 CFR Pa					
	O ANALYZE		OMPLY WITH 10 CFR PART 21:	□ CUSTOMER	□ WYLE
CAR Required:	☐ YES	⊠ NO	CAR No.		1
VERIFICATION: TEST WITNES	s: <u>AV</u>	mel gr	PROJECT ENGIN	GER: Kynd a	07/17/13
REPRESENTIN	NG:	ES&S	INTERDEPARTM COORDINATION	ENTAL 0	N/A
QUALITY ASS	UDANCE.	Burner Mar	elalr a		
		(The rema	ainder of this page intentic	onally left blank)	
		(The rema	ainder of this page intentic	onally left blank)	

#### Page No. A-4 of 10 Test Report No. 171013.01-01

# Field Issue Resolution Process

Dave Rep	ported	7/11/2011
Report (	Dete	9/6/2013
Who is Reporting the tessel?		Ryan Chambers
Haret De	scription of the lawe	Power supply demagnit earning test (MOA #2 & #2)
	What location is reporting the issue?	Wyle Latri
	Equipment Affected (Model & How lies)	DS300, 1.3
1 -	What Version of Software are They Farming	FLEVS/ISON
nformetion	Has this latur Been Confirmed as Duplicated	740
6.0	By Whin	Paul Huffman
X 2	Hou	Lightning Surge Test

Implement Action Plan

	n Field Issue Tracking Mu	The state of the s	122
	y fing Acet Mgr., Cust Swc.		Toe McKey,
3. Auem	a Warehouse Insentory	Contract of the Contract of th	64
5	Software	Motory Dis	m.
1		Submit RCR	58
H	Hardware	Northly Uie	
Catagorim inve	1	Identify Product Line Manager	Paul Histimus
ă.		trivial?	NO
-	What are the	Short Term	ma/
8	instantions!	Long Term	
E.Conference Dieter	Immediate consomer.	action	
Dece	la linfo gathered suffic	ient to resolve?	
56	Engineering Ata-s	mit required!	Test
846	Arrange returns of	equipment?	Diff
	Workmunchin? Wear/Handing?	How to fix?	Add Tripp-Life Spike Cube
Case	Design? Dilier?_Finally Capacitor	What prevents inture occurrences?	And to QC cl—Afer
I. Cust	firm Solution	Describe how for was verified.	Retect at Wyler was successful
		How does this solution impact the certified configuration?	Official testing already complete
		What additional customer techniques	ria

WYLE LABORATORIES, INC.

**Aunticula Facility** 

# Page No. B-33 of 126 Test Report No. T71352.01-01

#### Page No. A-5 of 10 Test Report No. T71013.01-01

NOTICE OF ANOMALY	DATE: 07/12/2013
NOTICE NO: 2 P.O. NUMBER: ES&S-MSA-TA029	CONTRACT NO: N/A
CUSTOMER: ES&S	WYLE JOB NO: T71013.01
NOTIFICATION MADE TO: Paul Huffman	NOTIFICATION DATE: 07/12/2013
NOTIFICATION MADE BY: Ryan Chambers	VIA: In person
CATEGORY: [X]SPECIMEN []PROCEDURE   TEST EQUIPMENT	DATE OF ANOMALY: 07/12/2013
TEST: Lightning Surge Test (LST)	I.D. NO. DS0313350009
SPECIFICATION: VVSG Volume I	10.110.2502.1502005
PARA. NO. Section 4.1.2.7	
REOUIREMENTS: 2005 VVSG Volume I: Section 4.1.2.4	
a. +2 kV AC line to line b. +2 kV AC line to earth	
*c. + or - 0.5 kV DC line to line >10m *d. + or - 0.5 kV DC line to earth >10m *e. +1 kV I/O sig/control >30m *Indicates requirements that do not apply to the Unit Under Te	est (UUT), due to the fact that UUT does
*d. + or $-0.5$ kV DC line to earth $\ge 10$ m	
*d. + or - 0.5 kV DC line to earth >10m *e, +1 kV 1/O sig/control >30m *Indicates requirements that do not apply to the Unit Under Te	
*d. + or - 0.5 kV DC line to earth >10m *e, +1 kV 1/O sig/control >30m *Indicates requirements that do not apply to the Unit Under Te not contain DC lines in excess of 10 Meters, nor does it contain	any I/O lines greater than 30 meters.  eing performed on July 12, 2013 the AC uffered a disruption of normal operation f 2 kV. The failure occurred at pulse 4 or
*d. + or - 0.5 kV DC line to earth >10m *e. +1 kV I/O sig/control >30m *Indicates requirements that do not apply to the Unit Under Te tot contain DC lines in excess of 10 Meters, nor does it contain to DESCRIPTION OF ANOMALY:  After the being subjected to the Lightning Surge Test (LST) be over Adapter ceased to function and as a result, the DS200 state AC Power Adapter ceased to function, during application of	any I/O lines greater than 30 meters.  eing performed on July 12, 2013 the AC uffered a disruption of normal operation f 2 kV. The failure occurred at pulse 4 or
*d. + or - 0.5 kV DC line to earth >10m *e. +1 kV 1/O sig/control >30m  *Indicates requirements that do not apply to the Unit Under Te not contain DC lines in excess of 10 Meters, nor does it contain to DESCRIPTION OF ANOMALY:  After the being subjected to the Lightning Surge Test (LST) be Dower Adapter ceased to function and as a result, the DS200 state AC Power Adapter ceased to function, during application of Sync: 0°/60Hz between the Path L1N. Photographs were take Component Description: AC Power Adapter Manufacturer: Power-Win Technology Corp.	any I/O lines greater than 30 meters.  eing performed on July 12, 2013 the AC uffered a disruption of normal operation f 2 kV. The failure occurred at pulse 4 or
*d. + or - 0.5 kV DC line to earth >10m *e. +1 kV 1/O sig/control >30m  *Indicates requirements that do not apply to the Unit Under Te not contain DC lines in excess of 10 Meters, nor does it contain to DESCRIPTION OF ANOMALY:  After the being subjected to the Lightning Surge Test (LST) be Dower Adapter ceased to function and as a result, the DS200 state AC Power Adapter ceased to function, during application of Sync: 0°/60Hz between the Path L1N. Photographs were take Component Description: AC Power Adapter Manufacturer: Power-Win Technology Corp.	any I/O lines greater than 30 meters.  eing performed on July 12, 2013 the AC  uffered a disruption of normal operation  f 2 kV. The failure occurred at pulse 4 of  en of the testing site.

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### Page No. A-6 of 10 Test Report No. T71013.01-01

	NOTICE OF ANOMALY
DISPOSITION • COMME The final disposition is pend	NTS • RECOMMENDATIONS: ing a root cause analysis to be presented by the client.
Potential 10 CFR Part 21	ES 🛮 NO
RESPONSIBILITY TO ANALYZE AN	OMALIES AND COMPLY WITH 10 CFR PART 21: SCUSTOMER SYLE
CAR Required:	⊠ NO CAR No.
VERIFICATION: TEST WITNESS:	PROJECT ENGINEER: 15 7/17/13  PROJECT MANAGER: 44 10 07/17/13
REPRESENTING: ES	interdepartmental (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)
QUALITY ASSURANCE: 8	
	(The remainder of this page intentionally left blank)
	(The remainder of this page intentionally left blank)

# Page No. A-7 of 10 Test Report No. T71013.01-01

# Field Issue Resolution Process

Davy Bay	ported	7/11/2011
Report Date		9/6/2013
Who is Reporting the texas?		Ryan Disembers
Moret De	scription of the lawe	Power supply demograticating test (NGA #2.4.47)
	What location is reporting the issue?	Wyle Latri
	Equipment Affected (Model & How lies)	DS300, 1.3
3 -	What Version of Software are They Farming	FLEVS/ISCO
Supplementa	Has this latur Been Confirmed as Duplicated	740
6.0	By What	Paul Huffman
X 2	How	Lightning Surge Test

Implement Action Plan

-	n Field Issue Tracking No	to the same of the	A CONTRACTOR OF THE PARTY OF TH
	y flag Aces Mgr. Cust Sve		Toe McKey,
3. Auem	a Warehouse Insentory	Contract of the Contract of th	64
and a	Software	Mottry Dis	mi/
2		Submit RCR	58
1	Hardware	Nomby Die	Appropriate the second
Catagorian		Line Manager	Paul Huffman
d d		h situation Trivial?	NO
-	What are the	Short Term	ma/
8	instantions!	Long Term	
8	Immediate conconer	action	
E.Conference Dieter	la linfo gathered soffic	dett in resolve?	
56	Engineering Atta-1	mit required!	Test
ini.	Arrange returns of	espaigment?	ntt
	West/Handing?	How to fix?	Add Tripp-Lite Spike Cube
G.Find Rose Coam	Design? Dilier?_Faulty Capquiter	What prevents inture occurrences?	And to QC ch—Afest
I. Cust	firm Solution	Describe how for was verified.	Retest at Wyle was successful
		How does this solution impact the certified configuration?	Official testing already complete
		What additional customer heating required?	ria

WYLE LABORATORIES, INC.

**Australia Facility** 

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#### Page No. A-8 of 10 Test Report No. T71013.01-01

NOTICE OF ANOMALY	DATE: 08/28/2013
NOTICE NO: 4 A P.O. NUMBER: ES&S-MSA-TA029	CONTRACT NO: N/A
CUSTOMER: Election Systems and Software (ES&S)	WYLE JOB NO: T71013.01
NOTIFICATION MADE TO: Paul Huffman	NOTIFICATION DATE: 08/13/2013
NOTIFICATION MADE BY: Ryan Chambers	VIA: In person
CATEGORY: [x] SPECIMEN [] PROCEDURE [] TEST EQUIPMENT	DATE OF ANOMALY: 08/13/2013
PART NAME: EVS 4.5.0.0 FL	PART NO. DS200
TEST: Electromagnetic Susceptibility Test (EST)	
SPECIFICATION: EAC 2005 VVSG, Volume I	PARA. NO. Section 4.1.2.10
REQUIREMENTS:	
Vote scanning and counting equipment for paper-based systable to withstand an electromagnetic field of 10 V/m mode over the frequency range of 80 MHz to 1000 MHz, without data.	lated by a 1 kHz 80% AM modula
DESCRIPTION OF ANOMALY:	
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure t modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of the control of the	o an electromagnetic field of 10 ' ncy range of 80 MHz to 1000 MHz, shine setup menu was available on
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure t modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe	o an electromagnetic field of 10 ' ncy range of 80 MHz to 1000 MHz, shine setup menu was available on
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure t modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of	o an electromagnetic field of 10 mey range of 80 MHz to 1000 MHz, shine setup menu was available on of the DS200 paper path.
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure t modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of DISPOSITION • COMMENTS • RECOMMENDATIONS:	o an electromagnetic field of 10 mey range of 80 MHz to 1000 MHz, shine setup menu was available on of the DS200 paper path.
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure to modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented to the present of the p	o an electromagnetic field of 10 vncy range of 80 MHz to 1000 MHz, shine setup menu was available on if the DS200 paper path.  Resented by ES&S.
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure to modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented to the property of the prop	o an electromagnetic field of 10 New range of 80 MHz to 1000 MHz, shine setup menu was available on of the DS200 paper path.  Besented by ES&S.  Beneficial YES NO NA
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure the modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented by the property of the pro	o an electromagnetic field of 10 New range of 80 MHz to 1000 MHz, shine setup menu was available on of the DS200 paper path.  Besented by ES&S.  Beneficial YES NO NA
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure the modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented by the property of the pro	o an electromagnetic field of 10 New range of 80 MHz to 1000 MHz, shine setup menu was available on of the DS200 paper path.  Sesented by ES&S.  Repart 21 YES NO NA  COUSTOMER WYLE
The EUT was oriented at 180 degrees, with the back of the E was oriented in the Vertical position. Upon exposure t modulated by a 1kHz 80% AM modulation over the freque DS200 suffered disruption of normal operation. The shoe display and the shoeshine ballot was hanging from the front of DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be proceeded by the process of the pr	o an electromagnetic field of 10 Notes of 10 Notes of 10 MHz, shine setup menu was available on of the DS200 paper path.  Besented by ES&S.  Beart 21 YES NO NA  CONTROL OF SOLUTION OF SO

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#### Field Issue Resolution Process

Date By	Instant	8/28/2013
Report (	Date	9/6/2013
Who is F	Reporting the Bissar!	Ryan Chemiers
finer De	scription of the laws	Shop shice mode stope: [NDA #4a]
	What socation is reporting the bount	Wyle Cate
	Equipment Affected [Model & Hilly Bev]	DS200; 1.5
8.	What Version of Software are They Banning	FLEV94500
11	Has this (some Been Confirmed or Doplicated	Yes
8.5	By Who	Faul Hoffman
4 1	Hirw	Electromagnetic Sussequibility Test

Implement Action Plan

	n Fashi issum Trucking Nin		and the same of th
	y Reg Acct Mgr, Cust live		Sve McKay
L. Atres	a Warehouse Inventory		118
i	Software	Natify Div	W
B		Submit RCN	ffR/
2	Hardware	Nonity Dis	A second
and the same	1	Line Manager	First Nuthman
9		In situation	NG.
-	What are the	Short Term	in .
3	customer expectations?	Long Tarm	
₽.J.	Immediate natures	actions	
Confirments Date:	Is into gathered suffic	ient to resolve?	
B a	Engineering site v	est requires?	Yes
MA.	Arrange return of	equipment?	no
	Workmanning? Wear/Hunding?	Have to first	Double wrap serious cable forthis near scanner board
Cause Cause	Design? Other?_Faulty Capacitus	What prevents future occurrences?	
7. Cani	lien Schtlim	Describe here fin	Retent at Wylm was suspensful
		How does this solution impact the certifical configuration?	Official testing already-complete
		What additional container lesting required?	
4	- Retruse Planning	What's planned for this	Change manufacturing process document

WYLE LABORATORIES, BIC.

**Huntaville Facility** 

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#### Page No. A-10 of 10 Test Report No. T71013.01-01

NOTICE OF ANOMALY		DATE:	08/28/2013
NOTICE NO: 5 P.O. NUMBER: ES&S-MSA-TA029	CONTRACT	NO:	N/A
CUSTOMER: Election Systems and Software (ES&S)	WYLE JOB	NO:	T71013.01
NOTIFICATION MADE TO: Paul Huffman	NOTIFICATI	ON DATE:	08/16/2013
NOTIFICATION MADE BY: Ryan Chambers	VIA:	In person	n
CATEGORY: [x] SPECIMEN [] PROCEDURE [] TEST EQUIPMENT	DATE OF	08/16/201	3
그의 어떻게 가입니다. 그렇게 지원 지원의 없이 되었다. 보통이 하면서는 요심하다는 요심하다 하다 사용하는 그리다 살아버릇이다. 다	PART NO.		
TEST: Electromagnetic Susceptibility Test (EST)			
SPECIFICATION: EAC 2005 VVSG, Volume I			tion 4.1.2.10
Vote scanning and counting equipment for paper-based systems withstand an electromagnetic field of 10 V/m modulated by a 1 kl range of 80 MHz to 1000 MHz, without disruption of normal oper-DESCRIPTION OF ANOMALY:	Hz 80% AM	modulation	n over the frequency
The EUT was oriented at 0 degrees, with the front of the EUT oriented in the Vertical position. Upon exposure to an electromag 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS20 p from AC to be removed from the test chamber, the EUT unexpectable on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT successfully switched to DC and displayed 7 minutes the EUT displayed 100% power. Within 1 minute the EUT the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented.	metic field of 00 MHz, the 00 "1003059 aper path. V ctedly shut of EUT was pli 5 minutes the 15% power fo UT displayed	f 10 V/m m DS200 su Event Lo When the E ff. The EU ff. The EU ugged back he plug wa or the batte 50% power	nodulated by a 1kHz offered disruption of og Write Failed" and EUT was unplugged JT would not power k into an AC outle as removed from the cry status. Within 3
oriented in the Vertical position. Upon exposure to an electromage 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS20 p from AC to be removed from the test chamber, the EUT unexpect back on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT successfully switched to DC and displayed 7 minutes the EUT displayed 100% power. Within 1 minute the EUT the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented.	metic field of 00 MHz, the 00 "1003059 age of the total tedly shut of EUT was plusted to the total 55% power for the total UT displayed to the total deby ES&S.	f 10 V/m m DS200 su Event Lo When the If ff. The EU ugged back the plug wa or the batte 50% power	nodulated by a 1kHz  refered disruption of  g Write Failed** and  EUT was unplugged  JT would not powe  k into an AC outle  as removed from the  ry status. Within 3  er. Within 1 minute
oriented in the Vertical position. Upon exposure to an electromag 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS2 the shoeshine ballot was hanging from the front of the DS200 p from AC to be removed from the test chamber, the EUT unexpectable on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT successfully switched to DC and displayed 7 minutes the EUT displayed 100% power. Within 1 minute the EUT the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented.	metic field of 00 MHz, the 00 "1003059 aper path. V ttedly shut of EUT was plu 55 minutes tt 55% power fe UT displayed ad by ES&S.	f 10 V/m m DS200 su Event Lo When the F T The EL ugged back the plug wa or the battet 50% power	nodulated by a 1kHz  refered disruption of  g Write Failed** and  EUT was unplugged  JT would not powe  k into an AC outle  as removed from the  ry status. Within 3  er. Within 1 minute
oriented in the Vertical position. Upon exposure to an electromag 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS2 the shoeshine ballot was hanging from the front of the DS200 p from AC to be removed from the test chamber, the EUT unexpectable on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT successfully switched to DC and displayed 7 minutes the EUT displayed 100% power. Within 1 minute the EUT the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented.	metic field of 00 MHz, the 00 "1003059 aper path. V ttedly shut of EUT was plu 55 minutes tt 55% power fe UT displayed ad by ES&S.	f 10 V/m m DS200 su Event Lo When the F T The EL ugged back the plug wa or the battet 50% power	nodulated by a 1kHz  iffered disruption o  g Write Failed" and  EUT was unplugged  JT would not powe  k into an AC outle  as removed from the  ry status. Within 1  er. Within 1 minute
oriented in the Vertical position. Upon exposure to an electromag 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS2 the shoeshine ballot was hanging from the front of the DS200 p from AC to be removed from the test chamber, the EUT unexpectable on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT displayed 100% power. Within 1 minutes the EUT displayed 100% power. Within 1 minute the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented and the property of t	gnetic field of 00 MHz, the 00 MHz, the 00 "1003059 aper path. V ttedly shut of EUT was pla 5 minutes ti 55% power fc JT displayed  ed by ES&S.  121 YES  CUS	f 10 V/m rr DS20 sub to ES 200	nodulated by a 1kHz  iffered disruption o  g Write Failed" and  EUT was unplugged  JT would not powe  k into an AC outle  as removed from the  ry status. Within 1  er. Within 1 minute
oriented in the Vertical position. Upon exposure to an electromag 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS2 the shoeshine ballot was hanging from the front of the DS200 p from AC to be removed from the test chamber, the EUT unexpectable on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT successfully switched to DC and displayed 7 minutes the EUT displayed 100% power. Within 1 minute the EUT the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented. Safety Related YES NO Potential 10 CFR Part 21 CAR Required: YES NO CAR NO.	metic field of 00 MHz, the 00 m1003059 00 m1003059 tetedly shut of EUT was plant 5 minutes th (5% power fo UT displayed  and by ES&S.  221 YES  INEER: Lyss  INEER: Lyss  INEER: Lyss  INEER: Lyss  INEER: Lyss  INEER: Lyss	f 10 V/m rr DS20 sub to ES 200	modulated by a 1kHz rffered disruption o g Write Failed" and EUT was unplugged JT would not powe k into an AC outle as removed from the gry status. Within 1 er. Within 1 minute
oriented in the Vertical position. Upon exposure to an electromag 80% AM modulation over the frequency range of 80 MHz to 10 normal operation. The following error was displayed on the DS2 the shoeshine ballot was hanging from the front of the DS200 p from AC to be removed from the test chamber, the EUT unexpectable on when only being supplied with DC power. When the outside of the chamber, the EUT successfully powered on. After AC outlet, the EUT successfully switched to DC and displayed 7 minutes the EUT displayed 100% power. Within 1 minute the EUT displayed 100% power.  DISPOSITION • COMMENTS • RECOMMENDATIONS:  The final disposition is pending a root cause analysis to be presented acressing the property of the EUT of the EUT displayed 100% power.  PRESPONSIBILITY TO ANALYZE ANOMALIES AND COMPLY WITH 10 CFR PART 21 CAR Required:   YES NO CAR NO.  PROJECT ENG.	metic field of 00 MHz, the 00 "1003059 aper path. V ttedly shut of EUT was plus 55 minutes ti 55% power fo UT displayed  and by ES&S.  21 YES  INEER: Ly  MAGER: Ly  MENTAL	f 10 V/m rr DS20 sub to ES 200	nodulated by a 1kHz  Iffered disruption o  g Write Failed" and  EUT was unplugged  If would not powe  k into an AC outle  as removed from the  ry status. Within 1  er. Within 1 minute  N/A  WYLE

# Fage No. A-11 of 10 Test Report No. T71015.01-01

# Field tysue Resolution Process

Oute Reported		8/28/7013	
Report Date		9/6/2013	
Who is Reporting the Issue!		Syan Chambers	
finer Des	scription of the laws	Event tog write failed (NOA 45)	
Supplemental	What location is reporting the issue?	Wyle Gids	
	Equipment Affected [Model & Hithe Bev]	US200, LB	
	What Version of Software are They Burning	FLEV34500	
	Has this Issue Been Confirmed in Duplicated	16	
	By Willio	Paul Hoffman	
N E	Here	Electromagnetic Standard Saley Taxe	

#### Implement Action Plan

L. Awg	Field issue Tracking No	indian	La service in
Z. Notify Reg Acct Mgr, Cust Sec Mgr, Curt			Sue McKay,
S. Attes	Watehouse Inventory	en required	THE .
4. Cenquite ime	Sotheure	Natify Dir	mi
		Submit IRCN	ma/
	Hartheare	Nonity Die	
		identify Product Line Manager	Paul Hullman
		In situation	MO
	What are the	Short Term	fw .
3	outomer expectations?	Long Turni	
	timmediate personer	actions	
2.0	is indio gathered swiffle	rient to resolve?	
86	Engineering site s	rish requires!	Ver
ut .	Arrange return of equipment?		no
	Workmanihip? Wear/Handing?	How In fish	Copper type theiding of paper entry
Cause Cause	Design? Other?_Faulty Copocitos	What prevents future accurrences?	The moutfeation will be sided to the checklet to ensure application of type
2. Camilleon Substition		Generate how fin was welled.	Relian at Wylin was successful
		How does this solution impact the certified configuration?	Official testing already complete
		What additional continuer lesting required!	
4	- Release Hanning	What's planned for this	Add copper tape downg manufacturing process

WYLE LABORATORIES, INC.

**Burtings Facility** 

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#### Page No. A-12 of 10 Test Report No. T71013.01-01

NOTICE NO: 6 P.O. NUMBER: ES&S-MSA-TA029 CUSTOMER: Election Systems and Software (ES&S)	CONTRACT	and the same of th
NOTIFICATION MADE TO: Paul Huffman  NOTIFICATION MADE BY: Ryan Chambers	WYLE JOB	NO: N/A NO: T71013.01 ON DATE: 08/19/2013 In person
CATEGORY: [x] SPECIMEN [] PROCEDURE [] TEST EQUIPMENT  PART NAME: EVS 4.5.0.0 FL  TEST: Electromagnetic Susceptibility Test (EST)  SPECIFICATION: EAC 2005 VVSG, Volume 1		08/17/2013 DS200 DS0313350009 Section 4.1.2.10
Vote scanning and counting equipment for paper-based syst able to withstand an electromagnetic field of 10 V/m modu over the frequency range of 80 MHz to 1000 MHz, without data.	lated by a	l kHz 80% AM modulation

The EUT was oriented at 0 degrees, with the back of the EUT facing the Anntenna. The Anntenna was oriented in the Vertical position. Upon exposure to an electromagnetic field of 10 V/m modulated by a 1kHz 80% AM modulation over the frequency range of 80 MHz to 1000 MHz, the DS200 suffered disruption of normal operation. The shoeshine setup menu was available on the display and the shoeshine ballot was hanging from the front of the DS200 paper path. When the EUT was unplugged from AC to be removed from the test chamber for ES&S representative, the EUT unexpectedly shut off. The EUT would not power back on when only being supplied with DC power. When the EUT was plugged back into an AC outlet outside of the chamber, the EUT successfully powered on. After 5 minutes the plug was removed from the AC outlet, the EUT successfully switched to DC and displayed 75% power for the battery status.

#### DISPOSITION • COMMENTS • RECOMMENDATIONS:

The final disposition is pending a ro	oot cause analysis to be presented by ES&S.
Safety Related ☐ YES ☒ NO	Potential 10 CFR Part 21 ☐ YES ☐ NO ☒ N/A
RESPONSIBILITY TO ANALYZE ANOMALIES AND	COMPLY WITH 10 CFR PART 21:   □ CUSTOMER □ WYLE
CAR Required: ☐ YES ☒ NO	CAR No.
VERIFICATION:  TEST WITNESS: N/A	PROJECT ENGINEER: Kyr A (May 08/30/2013  PROJECT MANAGER: Michael & Walter 8/30/13
REPRESENTING:	INTERDEPARTMENTAL COORDINATION:
QUALITY ASSURANCE:	1 N/A
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#### Page No. A-13 of 10 Test Report No. T71013.01-01

#### Field Issue Resolution Process 1/21/2013 9/6/2013 Nyan Chambers Unit shuts off when A/C removed, (NOA 46) Who is Reporting the Issue? finel Description of the Issue What incation is reporting the issue? Wyle Cabe Equipment Affected [Model & Hith Rev] What Version of Software are They 05800,13 FLEV34500 Has this from Been Confirmed or Yes Duplicated Paul Holfman Electromagnetic Susceptibility Test By Who implement Action Plan

I. Russ	refeld issue Tracking No.	relier	
2. Notify Reg Acet Mgr, Clist Sec.Mgc, Cert			Sue McKay,
3. Assess Watehouse truentiery in required			114
4. Comparter have	Sottoure	Nutrity Div	m
		Submit RCK	THE .
	Hartware	Nortify Die	Line -
		identify Product	Paul Huttmen
		Is vituation trivial?	們
-	What are the	Short Verm	ma
3	cambonier kupoctationa?	Long Telm	
to la	Immediate customer	action	
	It into gathered suffic	init to resolve?	11
E E	Engineering side v	nit requires?	Yes .
ad .	Arrange roturn of	equipment?	no
2	Workmanning? Wear/Handing?	How In first	flag aced haltery pack
Design? Other?_Faulty Composition		What prevents future docurrences?	
7. Confirm Solidion		Describe how fix was weeffed.	Resear at Wylo was successful
		How does this solution impact the certified configuration?	Official testing an early complete
		What additional sustainer training training	
4	Release Flaming	What's planned for this	

WYLE LABORATORIES, INC.

**Burtingto Facility** 

# Page No. B-42 of 126 Test Report No. T71352.01-01

#### Page No. A-14 of 10 Test Report No. T71013.01-01

ORTGINAL NOTICE OF	ANOMALY		DATE	09/16/2013
NOTICE NO: 7 (Rev A) P.O. NUM	BER: ES&S-MSA-TA029	CONTRACT	NO:	N/A
CUSTOMER: Election Systems and Softw	vare (ES&S)	WYLE JOB	12.70	171013:01
NOTIFICATION MADE TO: Paul Huffman		NOTIFICATION DATE: 08/20/2013		
NOTIFICATION MADE BY: Rvan Chan	nbers	WA:	In pers	on
CATEGORY: [] SPECIMEN [X] PROCEDU	IRE LITEST FORISHENT	DATE OF	09/20/20	112
PART NAME: EVS 4.5.0.0 I		PART NO.	Var 20120	11.3
TEST: Low Temperature		LD. NO.	138	\$0313350009
SPECIFICATION: EAC 2005 VVSG, Volu	ime II	PARA, NO.		etion 4.6.4
REQUIREMENTS:  The low temperature test simulates counters. All system components, rest is equivalent to the procedure minimum temperature shall be 4 following procedure to the procedure.	regardless of type, shall m of MIL-STD-810D, Met degrees F. As outlined	nod 502.2; in the VV	Procedu SG 4.6	s of this test. This are I-Storage. The
The technician removed the EUT f	ore removing it from the c	hamber,	nters impate	the 1 hours after the
DESCRIPTION OF ANOMALY:  The technician removed the EUT f interal temperature of the thermal technician did not allow the inte conditions before removing it from t board of the scanner assembly mod anomaly was directly caused by t Operating Procedures.  DISPOSITION - COMMENTS - REC	from the environmental c chamber was returned to mal temperature of the the chamber. As a result- tule caused a short circuit human error in followin	number app standard equipment the accumu	reximate laborator to stabilated mo	ely I hour after the y conditions. The filter at laboratory isture on the circui-
Stabilize at laboratory conditions befi DESCRIPTION OF ANOMALY:  The technician removed the EUT f interal temperature of the thermal technician did not allow the inte- conditions before removing it from board of the scanner assembly mod- anomaly was directly caused by the Operating Procedures.	from the environmental c chamber was returned to that the chamber. As a result the chamber. As a result tile caused a short circuit numan error in followin	namber app standard equipment the accumu when the I g the VVS	proximate laborator to stab lated mo EUT was SG stand	ely I hour after the y conditions. The filize at laboratory isture on the circuit powered on. This hard and the Wyle
Stabilize at laboratory conditions befi  DESCRIPTION OF ANOMALY:  The technician removed the EUT f interal temperature of the thermal technician did not allow the inter conditions before removing it from t board of the scanner assembly mode anomaly was directly caused by to Operating Procedures.  DISPOSITION - COMMENTS - REC  The final disposition was to council Operating Procedure.  Safety Related  YES  NO	from the environmental ciclamber was returned to that temperature of the the chamber. As a result tule caused a short circuit numan error in following COMMENDATIONS:  and retrain all of the Wigner o	number app standard equipment the accumu when the I g the VVS	arcoximate laborator to stabilated mo EUT was SG stand	ely I hour after the yeonditions. The bilize at laboratory issure on the circuit powered on. This hard and the Wyle he associated Wyle II NO IN N/A
Stabilize at laboratory conditions before the technician removed the EUT finteral temperature of the thermal technician did not allow the interaction did not allow the interactions before removing it from a board of the scanner assembly mode anomaly was directly caused by a Operating Procedures.  DISPOSITION - COMMENTS - RECURSIONAL DISPOSITI	from the environmental ciclamber was returned to that temperature of the the chamber. As a result tule caused a short circuit numan error in following COMMENDATIONS:  and retrain all of the Wigner o	number app standard equipment the accumu when the I g the VVS	arcoximate laborator to stabilated mo EUT was SG stand	ely I hour after the conditions. The filize at laboratory issure on the circui- powered on. This hard and the Wyle the associated Wyle
Stabilize at laboratory conditions befi DESCRIPTION OF ANOMALY:  The technician removed the EUT fainteral temperature of the thermal technician did not allow the interned to the scanner assembly mode anomaly was directly caused by the Operating Procedures.  DISPOSITION - COMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - Procedure.	from the environmental ciclamber was returned to that temperature of the the chamber. As a result tule caused a short circuit numan error in following COMMENDATIONS:  and retrain all of the Wigner o	number app standard equipment the accumu when the I g the VVS	arcoximate laborator to stabilated mo EUT was SG stand	ely I hour after the yeonditions. The bilize at laboratory issure on the circuit powered on. This hard and the Wyle he associated Wyle II NO IN N/A
Stabilize at laboratory conditions before the technician removed the EUT fatternal temperature of the thermal technician did not allow the internal disposition was to council Operating Procedure.  Safety Related Tyes NO RESPONSIBILITY TO ANALYZE ANOMALIES AND COMERCIANICATION:	rom the environmental echamber was returned to mal temperature of the the chamber. As a result title caused a short circuit numan error in followin COMMENDATIONS:  and retrain all of the Windows to COMPLY WITH 10 CER PART 21.	hamber app standard equipment the accumu when the I g the VVS	arcoximate laborator to stabilated mo EUT was SG stand	ely I hour after the yeonditions. The bilize at laboratory issure on the circuit powered on. This hard and the Wyle he associated Wyle II NO IN N/A
Stabilize at laboratory conditions before DESCRIPTION OF ANOMALY:  The technician removed the EUT for interal temperature of the thermal technician did not allow the interactions before removing it from a board of the scanner assembly mode anomaly was directly caused by a Operating Procedures.  DISPOSITION - COMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMENTS - RECOMMENTS - RECOMMENTS - RECOMEN	rom the environmental cichamber was returned to mad temperature of the the chamber. As a result tale caused a short circuit numan error in followin COMMENDATIONS:  and retrain all of the Wigney of t	number app standard equipment the accumu when the I g the VVs	arcoximate laborator to stabilated mo EUT was SG stand	ely I hour after the yeonditions. The bilize at laboratory issure on the circuit powered on. This hard and the Wyle he associated Wyle INO IN N/A

WYLE LABORA TORIES, INC. Huntsville Facility Page I of I

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#### Page No. A-15 of 10 Test Report No. T71013.01-01

NOTICE OF ANOMALY	DATE: 08/30/2013
NOTICE NO: 8 P.O. NUMBER: ES&S-MS	A-TA029 CONTRACT NO: N/A
CUSTOMER: Election Systems and Software (ES&S)	WYLE JOB NO:
NOTIFICATION MADE TO: Paul Huffman	NOTIFICATION DATE: 07/31/2013
NOTIFICATION MADE BY: Ryan Chambers	VIA: In person
CATEGORY: [x]SPECIMEN []PROCEDURE []TEST EQU	DATE OF UIPMENT ANOMALY: 07/31/2013
PART NAME: EVS 4.5.0.0 FL	PART NO
TEST: Electrostatic Disruption (ESD)	
SPECIFICATION: EAC 2005 VVSG, Volume I	
confirmed to the voter.  DESCRIPTION OF ANOMALY:  Upon application of +15 kV air discharge to the top located closest to the front right of the DS200 scre completely unresponsive and required human inter normal operation of the DS200. A clicking sound the shoeshine ballot was replaced with a new bal rebooting the EUT, the same test point was subjected.	een. It was observed that the DS200 had become rention, by means of a system reboot, to regain was observed during operation of the EUT, thus llot and the clicking sound was resolved. After the d to ±2,4,8,15 kV air discharge, at which time the
EUT continued normal operation throughout the ren DISPOSITION • COMMENTS • RECOMMENDAT To ensure testing results where accumulated in	TIONS:
Disruption (ESD) was reperformed on 08/29/2013, The final disposition is that the original observance	for which there were no anomalies.
	tial 10 CFR Part 21 YES NO N/A
RESPONSIBILITY TO ANALYZE ANOMALIES AND COMPLY WITH 10 C	FR PART 21: CUSTOMER WYLE
	CAR No.
CAR Required: ☐ YES ☐ NO	CAN NO.
AND THE PERSON AND ADDRESS OF THE PERSON A	7071007
VERIFICATION: PF	ROJECT ENGINEER: Yux A. Claut 08/30/2013
VERIFICATION: PF	7071007

WYLE LABORATORIES, INC. Huntsville Facility Page 1 of

QUALITY ASSURANCE: WH 1066, Rev. March '09