COVER PAGE FOR TEST REPORT

Product Category:	Medical Electrical Equipment
Product Category CCN:	PIDF, PIDF7
Test Procedure:	Classification
Product:	Panel PC
Model/Type Reference:	POC-123xxxxxxxx and POC-125xxxxxxxx, where x may be any alphanumeric character or blank.
Rating(s):	Model POC-123xxxxxxxx: Power adapter (Hitron Electronics Corp, Model HES49-24021) input: 100-240Vac, 50/60 Hz, 1.0A Panel PC input: 18-25Vdc, 3.5A Model POC-125xxxxxxxx: Power adapter (XPIQ Inc., Model PSM80PS24) input: 100-240 Vac, 47-63 Hz, 1.1-0.45A Power adapter (Sinpro, Model MPU50-108) input: 100-240 Vac, 47-63 Hz, 1.35-0.8A Panel PC input: 24Vdc, 2A max. (without battery pack) and 24Vdc 2.7A max. (with battery pack)
Standards:	UL 60601-1, 1st Edition, 2006-04-26 (Medical Electrical Equipment, Part 1: General Requirements for Safety) CAN/CSA-C22.2 No. 601.1-M90, 2005 (Medical Electrical Equipment - Part 1: General Requirements for Safety)
Applicant Name and Address:	ADVANTECH CO LTD 1 ALLEY 20 LANE 26 RUEIGUANG RD NEIHU DISTRICT TAIPEI 114 TAIWAN

This Report includes the following parts, in addition to this cover page:

1. Specific Inspection Criteria
2. Specific Technical Criteria
3. Test Results
4. Enclosures

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc. ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

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Test Report By:

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Reviewed By:

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SPECIFIC INSPECTION CRITERIA

BA1.0	**Special Instructions to UL Representative**
BA1.1	N/A

BB1.0	**Supporting Documentation**
BB1.1	The following documents located at the beginning of this Procedure supplement the requirements of this Test Report: A. Authorization - The Authorization page may include additional Factory Identification Code markings. B. Generic Inspection Instructions - i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report. ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report. iii. Part AF details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

BC1.0	**Markings and instructions**	
BC1.1	The following markings and instructions are provided as indicated.	
BC1.2	All clause references are from UL 60601-1, 1st Edition, 2006-04-26 (Medical Electrical Equipment, Part 1: General Requirements for Safety).	
Standard Clause	Clause Title	Marking or Instruction Details
6.1e	Company identification	Classified or Recognized company's name, Trade name, Trademark or File
6.1f	Model	Model number
6.1g	Supply Connection	Voltage range, ac/dc, phases if more than single phase
	Alternating current	
6.1h	Supply Frequency	Rated frequency range in hertz
6.1j	Power Input	Amps, VA, or Watts
6.1l	IP Rating	IPX__
6.1q	Attention, consult accompanying documents	
	US Hospital Grade Marking	"Grounding Reliability Can Only Be Achieved When The Equipment Is Connected To An Equivalent Receptacle Marked 'Hospital Only' Or 'Hospital Grade'." (located on product or power supply cord)

BD1.0	**Production-Line Testing Requirements**
BD1.1	**Test Exemptions** - The following models are exempt from the indicated test

Model	Grounding Continuity	Dielectric Voltage Withstand	Patient Circuit Dielectric Voltage Withstand
POC123, POC125	Exempt	Exempt	Exempt

BD1.2	**Solid-State Component Test Exemptions** - The following solid-state components may be disconnected from the remainder of the circuitry during either Dielectric Voltage Withstand Test:
	N/A

BE1.0	**Sample and Test Specifics for Follow-Up Tests at UL**
BE1.1	The following tests shall be conducted in accordance with the Generic Inspection Instructions

Model	Samples	Test	Test Details
N/A	N/A	N/A	N/A

SPECIFIC TECHNICAL CRITERIA

TEST REPORT UL 60601-1 Medical Electrical Equipment Part 1: General requirements for safety	
Report Reference No..... :	E214164-A1-UL-2
Compiled by ..... :	Christine Wang / David Shih
Reviewed by ..... :	Jimmy Deng
Date of issue ..... :	2008-03-28
Standards ..... :	UL 60601-1, 1st Edition, 2006-04-26 (Medical Electrical Equipment, Part 1: General Requirements for Safety) CAN/CSA-C22.2 No. 601.1-M90, 2005 (Medical Electrical Equipment - Part 1: General Requirements for Safety)
Test procedure ..... :	Classification
Non-standard test method ..... :	N/A
Test item description ..... :	Panel PC
Trademark ..... :	None
Model and/or type reference ..... :	POC-123xxxxxxxx and POC-125xxxxxxxx, where x may be any alphanumeric character or blank.
Rating(s) ..... :	Model POC-123xxxxxxxx: Power adapter (Hitron Electronics Corp, Model HES49-24021) input: 100-240Vac, 50/60 Hz, 1.0A Panel PC input: 18-25Vdc, 3.5A Model POC-125xxxxxxxx: Power adapter (XPIQ Inc., Model PSM80PS24) input: 100-240 Vac, 47-63 Hz, 1.1-0.45A Power adapter (Sinpro, Model MPU50-108) input: 100-240 Vac, 47-63 Hz, 1.35-0.8A Panel PC input: 24Vdc, 2A max. (without battery pack) and 24Vdc 2.7A max. (with battery pack)

GENERAL INFORMATION				
Test item particulars (see also clause 5):				
Classification of installation and use ..... :	Portable			
Supply connection ..... :	Appliance coupler			
Accessories and detachable parts included in the evaluation ..... :	None			
Options included ..... :	None			
Possible test case verdicts:				
- test case does not apply to the test object ..... :	N / A			
- test object does meet the requirement ..... :	P(Pass)			
- test object does not meet the requirement ..... :	F(Fail) (acceptable only if a corresponding, less stringent national requirement is "Pass")			
Abbreviations used in the report:				
- normal condition ..... :	N.C.	- single fault condition .....:	S.F.C.	
- operational insulation ..... :	OP	- basic insulation .....:	BI	
- basic insulation between parts of opposite polarity:	BOP	- supplementary insulation .....:	SI	
- double insulation ..... :	DI	- reinforced insulation .....:	RI	
General remarks:				
- "(see Enclosure #)" refers to additional information appended to the Test Report				
- "(see appended table)" refers to a table appended to the Test Report				
- Throughout the Test Report a point is used as the decimal separator				

General Product Information:	
CA1.0	**Report Summary**
CA1.1	N/A
CB1.0	**Product Description**
CB1.1	Consists of a LCD Module, DVD drive, HDD, Floppy Drive, CPU, Battery pack. Base and electronic component mounted on PWB and enclosed in plastic enclosure, supplied by external Listed adapter.
CC1.0	**Model Differences**
CC1.1	Model POC-123xxxxxxxx is the basic model. Model POC-125-xxxxxxxx is the same as POC-123-xxxxxxxx except for the external power supplies that can be used and the battery pack.

CD1.0	**Additional Information**
CD1.1	This report was modified with Amendment 1 to include an alternate Panel and Inverter Board. Additional Leakage current tests, including separation by protective impedance (17g.5), were conducted to verify components. Corresponding Table 19 was amended to include the supporting data as well as the critical components table. Some minor corrections were also made to the Critical Components table. This report was modified with Amendment 2 to include new Model POC-125-xxxxxxxx, with alternate power supplies and battery pack. Also revised the original Model Number to POC-123xxxxxxxx. Amendment 3 - Correct plastic enclosure material description from Chi Mei Corporation, PA-765A to GE Plastics Global Products for Worldwide Procurement, C2800, and add Enclosure Metalized Coating, Basictak Co., Ltd., model 599-B3730 and 599-B4540. E214164-A1-UL-2 Reissue 1- Change Battery pack for Models: POC-123xxxxxxxx and POC-125xxxxxxxx to optional. Change the input rating of Panel PC: 18-25Vdc, 3.5A for Model POC-123xxxxxxxx 24Vdc, 2A max. (without battery pack) and 24Vdc, 2.7A max. (with battery pack) for Model POC-125xxxxxxxx Add manufacturer and model name of label material in critical component table and revise label's information. E214164-A1-UL-2 Amendment 1 Alternate one PCI board and one card reader in secondary for model: POC-125xxxxxxxx (without battery pack)

CE1.0	**Technical Considerations**	
CE1.1	The product was investigated to the following additional standards:	UL 60601-1, 1st Edition, 2006-04-26 (includes National Differences for USA), CAN/CSA-C22.2 No. 601.1-M90 (R2005) (includes National Differences for Canada)
CE1.2	The product was not investigated to the following standards or clauses:	Clause 52.1, Programmable Electronic Systems (IEC 601-1-4), Clause 48, Biocompatibility (ISO 10993-1), Clause 36, Electromagnetic Compatibility (IEC 601-1-2)
CE1.3	The product is Classified only to the following hazards:	Casualty, Shock, Fire
CE1.4	The degree of protection against harmful ingress of water is:	Ordinary
CE1.6	The mode of operation is:	Continuous
CE1.7	Software is relied upon for meeting safety requirements related to mechanical, fire and	No

	shock:	
CE1.8	The product is suitable for use in the presence of a flammable anesthetics mixture with air or oxygen or with nitrous oxide:	No

IEC 60601			
Clause	Requirement + Test	Result - Remark	Verdict

7	**TABLE: power input**				Pass
Operating condition	Voltage (V)	Frequency (Hz)	Current (A)	Power (W)	Remarks
08CA31109_Amendment1_alternate two secondary card for model:POC-125xxxxxxxx (without battery pack)	--	--	--	--	--
Max Normal Load / --	90	47	1.065	58.5	Model POC-125xxxxxxxx(no battery pack provided), with power adapter MPU50-108
Max Normal Load / --	90	63	1.071	58.5	Same as above
Max Normal Load / 1.35	100	47	0.994	58.3	Same as above
Max Normal Load / 1.35	100	63	1.002	58.3	Same as above
Max Normal Load / 0.8	240	47	0.479	57.3	Same as above
Max Normal Load / 0.8	240	63	0.486	57.3	Same as above
Max Normal Load / --	264	47	0.454	57.3	Same as above
Max Normal Load / --	264	63	0.459	57.3	Same as above
Max Normal Load / --	90	47	0.685	60.1	Model POC-125xxxxxxxx(no battery pack provided), with power adapter PCM80PS24
Max Normal Load / --	90	63	0.688	60.1	Same as above
Max Normal Load / 1.1	100	47	0.607	60.1	Same as above
Max Normal Load / 1.1	100	63	0.611	60.1	Same as above
Max Normal Load / 0.45	240	47	0.271	60.0	Same as above
Max Normal Load / 0.45	240	63	0.273	60.0	Same as above
Max Normal Load / --	264	47	0.249	60.0	Same as above
Max Normal Load / --	264	63	0.252	60.0	Same as above
supplementary information:					

19	**TABLE: leakage current**			Pass
Type of leakage current and test condition (including single faults)	Supply voltage (V)	Supply frequency (Hz)	Measured max. value (µA)	Remarks
08CA31109_Amendment1_alternate two secondary card for model:POC-125xxxxxxxx (without battery pack)	--	--	--	--
Model POC-125xxxxxxxx(no battery pack provided), with power adapter MPU50-108	--	--	Before / after humidity	--
Enclosure Leakage Current (Fig. 19):	--	--	--	--
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	43.0 / 42.6	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	42.2 / 42.0	MD3 between

IEC 60601			
Clause	Requirement + Test	Result - Remark	Verdict

EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	60.5 / 60.4	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	60.8 / 60.6	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	41.3 / 42.2	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	42.8 / 42.3	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	13.0 / 12.8	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	12.9 / 13.1	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	196.1 / 194.8	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	197.3 / 195.4	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	0.2 / 0.2	MD4 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	0.3 / 0.2	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	0.2 / 0.2	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	0.2 / 0.2	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	0.2 / 0.2	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	9.9 / 9.7	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	9.8 / 9.8	MD4 between
D/A Inverter HV to Metal Chassis Short	--	--	--	--
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	41.8 / 41.9	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	42.4 / 41.6	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	60.3 / 60.5	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	60.1 / 60.2	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	40.5 / 41.7	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	42.8 / 42.5	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	12.6 / 12.4	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	12.8 / 12.5	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	193.4 / 193.9	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	196.8 / 196.2	MD3 between

IEC 60601			
Clause	Requirement + Test	Result - Remark	Verdict

EN, NC (S1, S2, S3, S8=1), S5=1	264	63	0.2 / 0.2	MD4 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	0.2 / 0.2	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	0.2 / 0.2	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	0.2 / 0.2	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	0.2 / 0.2	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	9.6 / 9.8	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	9.6 / 9.8	MD4 between
Model POC-125xxxxxxxx(no battery pack provided), with power adapter PCM80PS24	--	--	Before / after humidity	--
Enclosure Leakage Current (Fig. 19):	--	--	--	--
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	6.5 / 6.4	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	6.3 / 6.4	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	9.4 / 9.3	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	9.3 / 9.3	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	6.4 / 6.3	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	6.4 / 6.3	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	5.5 / 5.4	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	5.4 / 5.4	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	60.1 / 60.8	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	72.6 / 71.8	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	0.3 / 0.4	MD4 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	0.4 / 0.4	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	0.5 / 0.5	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	0.5 / 0.5	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	0.3 / 0.3	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	0.3 / 0.3	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	0.3 / 0.3	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	0.3 / 0.3	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	7.7 / 7.7	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	7.5 / 7.6	MD4 between
D/A Inverter HV to Metal Chassis Short	--	--	--	--
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	6.3 / 6.4	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	6.4 / 6.5	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	9.8 / 9.5	MD3 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	9.4 / 9.4	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	6.5 / 6.7	MD3 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	6.3 / 6.5	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	5.8 / 5.6	MD3 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	5.8 / 5.8	MD3 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	60.3 / 61.4	MD3 between

IEC 60601			
Clause	Requirement + Test	Result - Remark	Verdict

EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	68.9 / 70.1	MD3 between
EN, NC (S1, S2, S3, S8=1), S5=1	264	63	0.3 / 0.3	MD4 between
EN, NC (S1, S2, S3, S8=1), S5=0	264	63	0.3 / 0.3	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=1	264	63	0.3 / 0.3	MD4 between
EN, SFC: S1=0, S2, S3, S8=1, S5=0	264	63	0.3 / 0.3	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=1	264	63	0.3 / 0.3	MD4 between
EN, SFC: S2=0, S1, S3, S8=1, S5=0	264	63	0.3 / 0.3	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=1	264	63	0.3 / 0.3	MD4 between
EN, SFC: S3=0, S1, S2, S8=1, S5=0	264	63	0.3 / 0.3	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=1	264	63	7.4 / 7.8	MD4 between
EN, SFC: S8=0, S1, S2, S3=1, S5=0	264	63	7.8 / 7.7	MD4 between

supplementary information:

ER - Earth leakage current
EN - Enclosure leakage current
P - Patient leakage current
PM - Patient leakage current with mains on the applied parts
PA - Patient auxiliary current
Fig. 15 - refers to Fig. 15 in IEC601-1
MD - Measuring device

A - After humidity conditioning
B - Before humidity conditioning
1 - Switch closed or set to normal polarity
0 - Switch open or set to reversed polarity
NC - Normal condition
SFC - Single fault condition

42	**TABLE: normal temperature**	Pass
Supply voltage: See Below Ambient temperature: See Below	Test Condition: See Below	

Measuring location	Measured temperature (°C)	Remarks
POC-125, with battery pack POC125 and SinproMPU50-108 power adaptor	90V, 63 Hz	Battery Pack fully discharged. USB's loaded to 5V
Ambient	23	--
Cell 1	56	--
Cell 2	56	--
Cell 3	55	--
Thermal cutoff (SCP1)	57	--
Thermostat (BPF2)	55	--
Q1 body	56	--
Q2 Body	56	--
U3 body	56	--
POC-125, with battery pack POC125 and SinproMPU50-108 power adaptor	90V, 63 Hz	Impairment of Cooling. Blocked Vents. Battery Pack fully discharged. USB's loaded to 5V
Ambient	23	--
Cell 1	59	--
Cell 2	60	--

IEC 60601			
Clause	Requirement + Test	Result - Remark	Verdict

Cell 3	59	--
Thermal cutoff (SCP1)	61	--
Thermostat (BPF2)	59	--
Q1 body	60	--
Q2 Body	60	--
U3 body	59	--
Enclosure inside above battery pack	42	--
Enclosure outside above battery pack	31	--
08CA31109_Amendment1_alternate two secondary card for model:POC-125xxxxxxxx (without battery pack)	--	--
Model POC-125xxxxxxxx (no battery pack provided), with power adapter MPU50-108 Input Voltage: 90V/63Hz	--	--
Ambient	26.3 / 40.0	--
D/A Inverter	--	--
T1 coil	71.2 / 84.9	105
T1 core	66.0 / 79.7	105
L1 coil	74.9 / 88.6	105
C2 body	62.7 / 76.4	85
Motherboard	--	--
PWB under U38	70.2 / 83.9	105
PWB under U40	68.4 / 82.1	105
PWB under U42	67.7 / 81.4	105
PWB under U39	67.6 / 81.3	105
DC Jack body	67.1 / 80.8	--
L2 coil	79.5 / 93.2	105
C397 body	57.5 / 71.2	85
PWB under U1 (Smart Card)	62.2 / 75.9	105
CE4 body (PCI Card)	61.1 / 74.8	85
PWB under DC1 (PCI Card)	63.7 / 77.4	105
Panel body	39.0 / 52.7	85
Enclosure inside	50.9 / 64.6	80
Enclosure outside	44.2 / 57.9	85
Power Adapter (Sinpro, MBU50-108)	--	--
T1 coil	75.9 / 89.6	--
T1 core	70.7 / 84.4	--
Plastic enclosure inside	55.6 / 69.3	--
COR - indicates measurements taken using change-of-resistance method		
supplementary information:		

44	**TABLE: overflow, spillage, leakage, humidity, ingress of liquids, cleaning, sterilization, desinfection**	Pass

Test type and condition	Part under test	Remarks
08CA31109_Amendment1_alternate two	--	--

IEC 60601			
Clause	Requirement + Test	Result - Remark	Verdict

secondary card for model:POC-125xxxxxxxx (without battery pack)		
Humidity Conditioning: 95%RH, 32 degree C, 48 hours	Model POC-125xxxxxxxx (no battery pack provided), with power adapter MPU50-108	Repeated leakage and dielectric tests with acceptable results. See appended tables 19 and 20 for details.
Humidity Conditioning: 95%RH, 32 degree C, 48 hours	Model POC-125xxxxxxxx (no battery pack provided), with power adapter PCM80PS24	Repeated leakage and dielectric tests with acceptable results. See appended tables 19 and 20 for details.
supplementary information:		

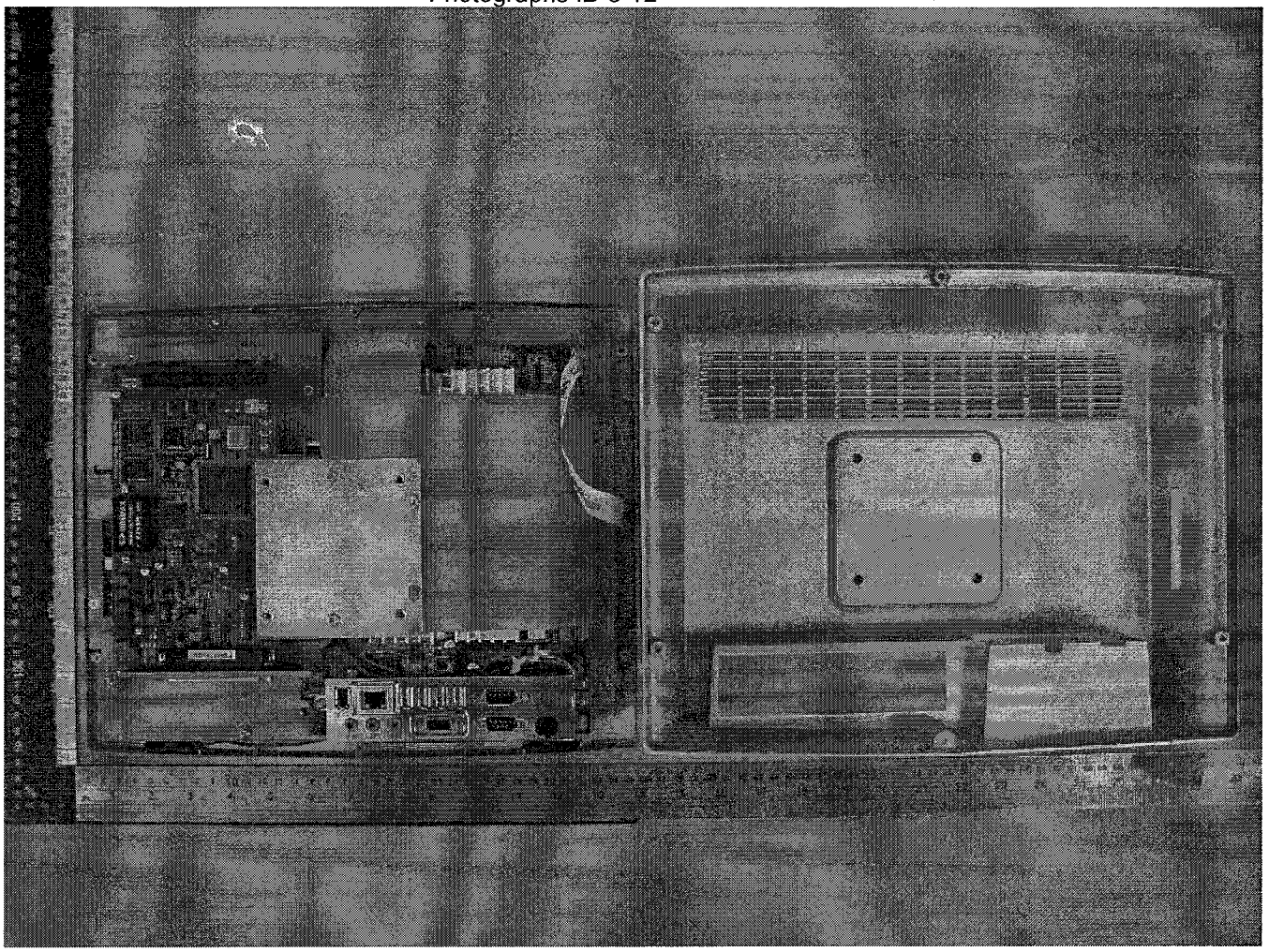
52	**TABLE: abnormal operation**	Pass
Test type, condition and clause reference	Observed results	Remarks
08CA31109_Amendment1_alternate two secondary card for model:POC-125xxxxxxxx (without battery pack)	--	--
Impairment of Cooling, Blocked Vents. Voltage: 90V/63Hz (Model POC-125xxxxxxxx(no battery pack provided), with power adapter MPU50-108)	Temperature stabled. Ambient: 27.8 degree C; T1 coil: 80.6 degree C; T1 core: 75.5 degree C (for Adapter); L2 coil: 104 degree C (for Panel PC)	Measured temperatures were under the limits
supplementary information:		

Enclosure

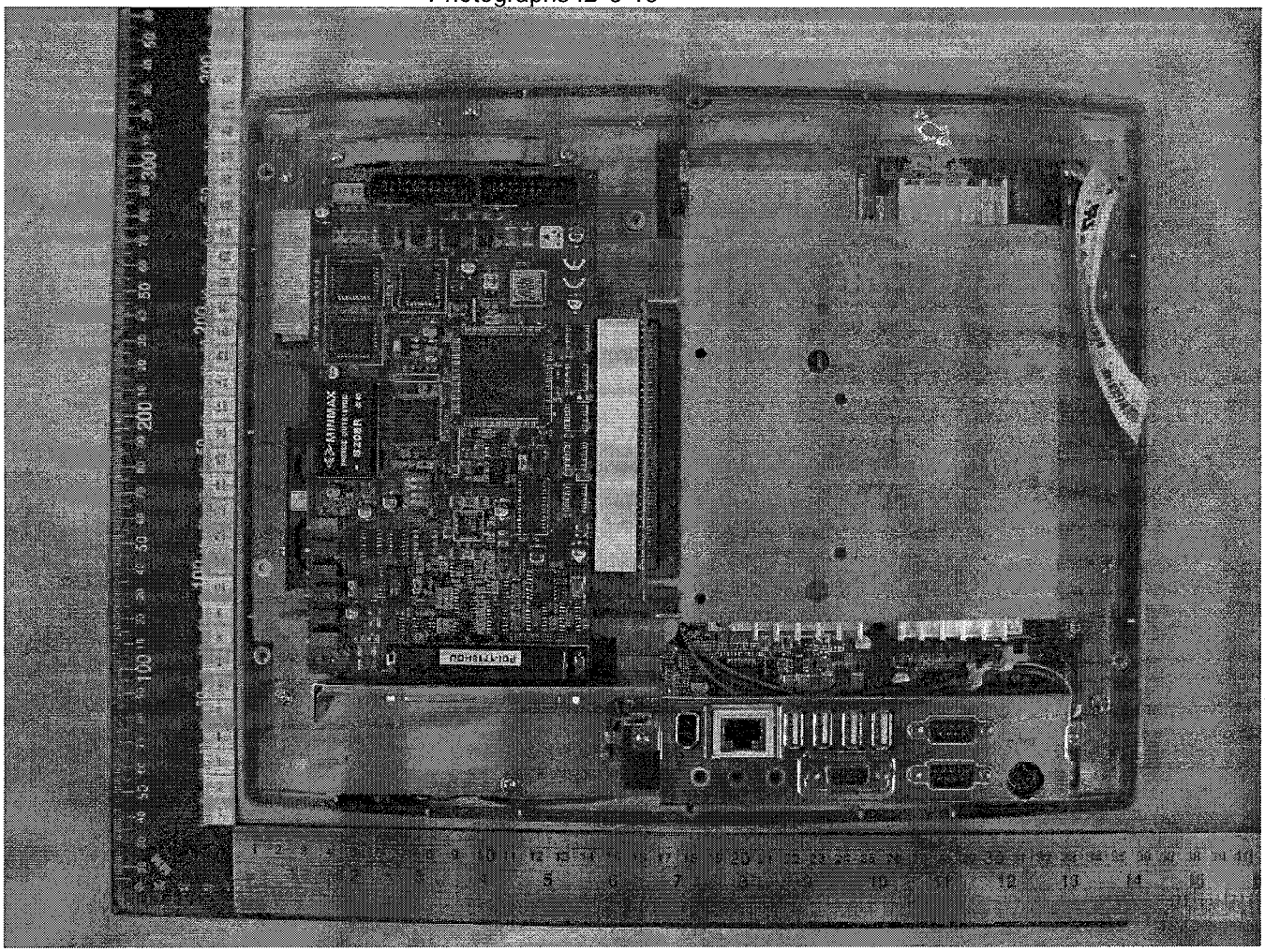
Photographs

Supplement Id	Description
3-01	Front View
3-02	Rear View
3-03	Inside View
3-04	Base
3-05	Battery front view
3-06	Battery rear view
3-07	Battery inside view
3-08	Battery Pack for use with POC125
3-09	New Battery Pack PCB, for use with POC125
3-10	POC-125 Rear View with new battery pack
3-11	Plastic enclosure inside with metal coating
3-12	Amendment1_Internal View -1
3-13	Amendment1_Internal View -2
3-14	Amendment1_Internal View -3
3-15	Amendment1_PCI Multifucation Card -1
3-16	Amendment1_PCI Multifucation Card -2
3-17	Amendment1_Smart Card Bridge Board -1
3-18	Amendment1_Smart Card Bridge Board -2
3-19	Amendment1_Smart Card Reader -1
3-20	Amendment1_Smart Card Reader -2

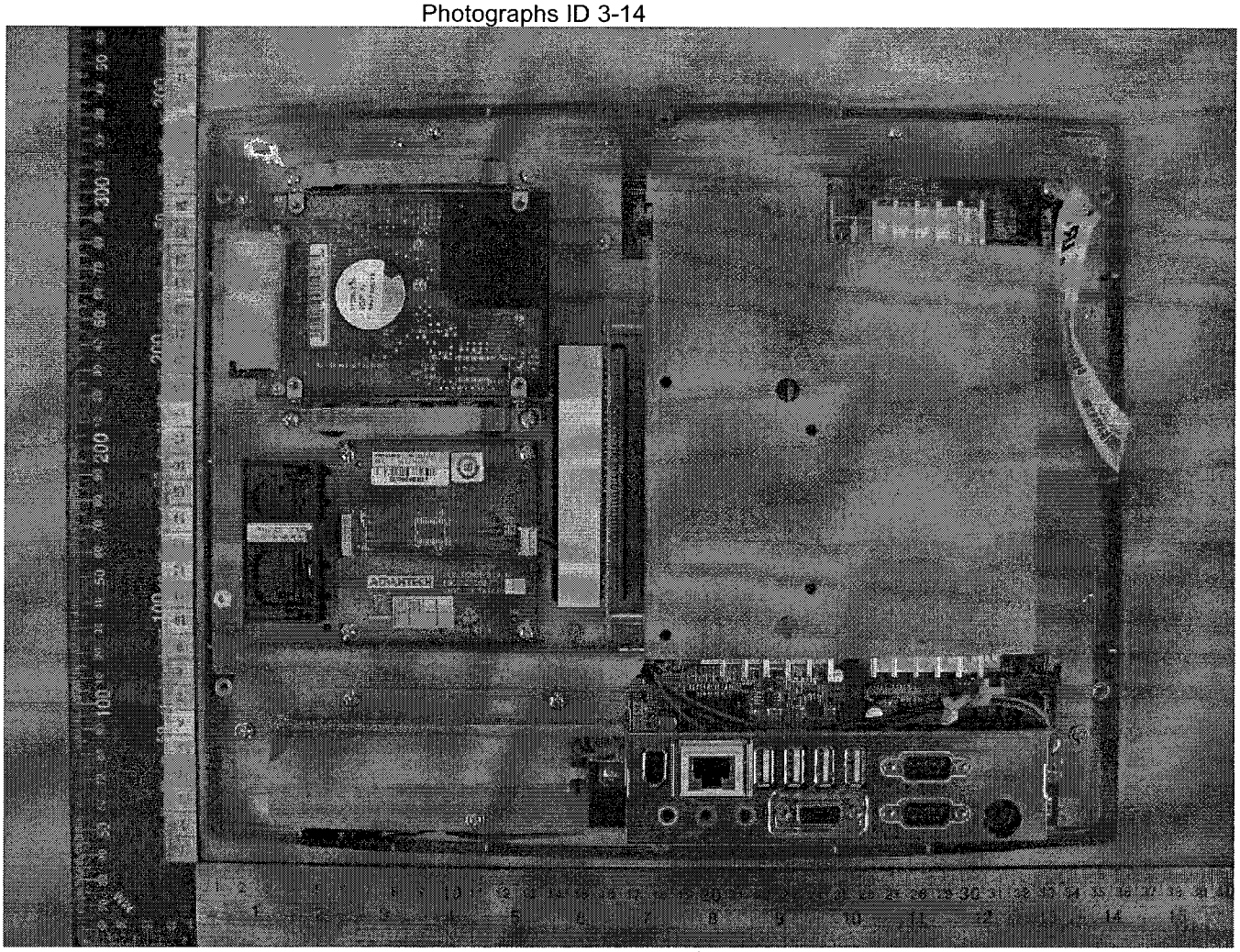
Photographs ID 3-12



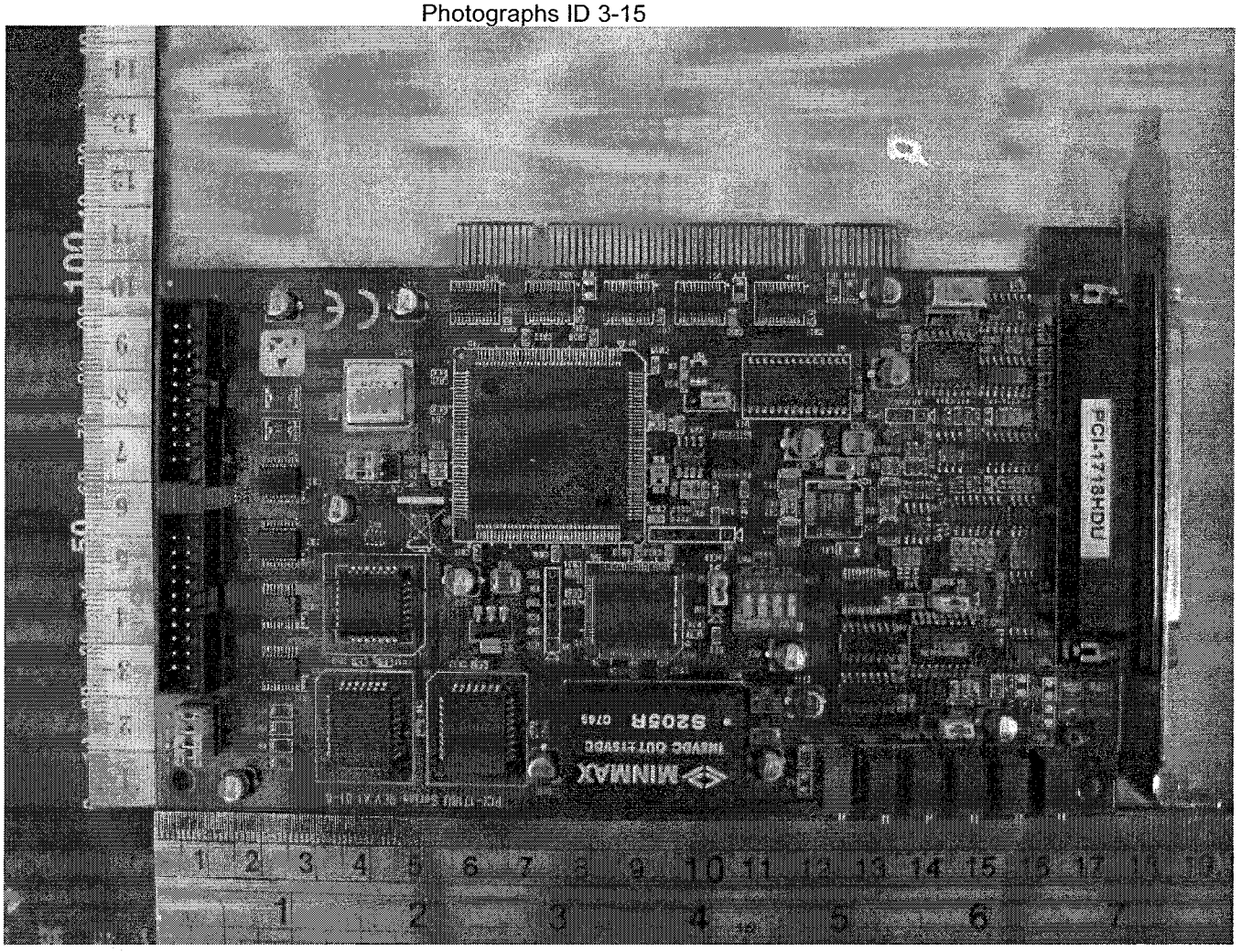
Photographs ID 3-13



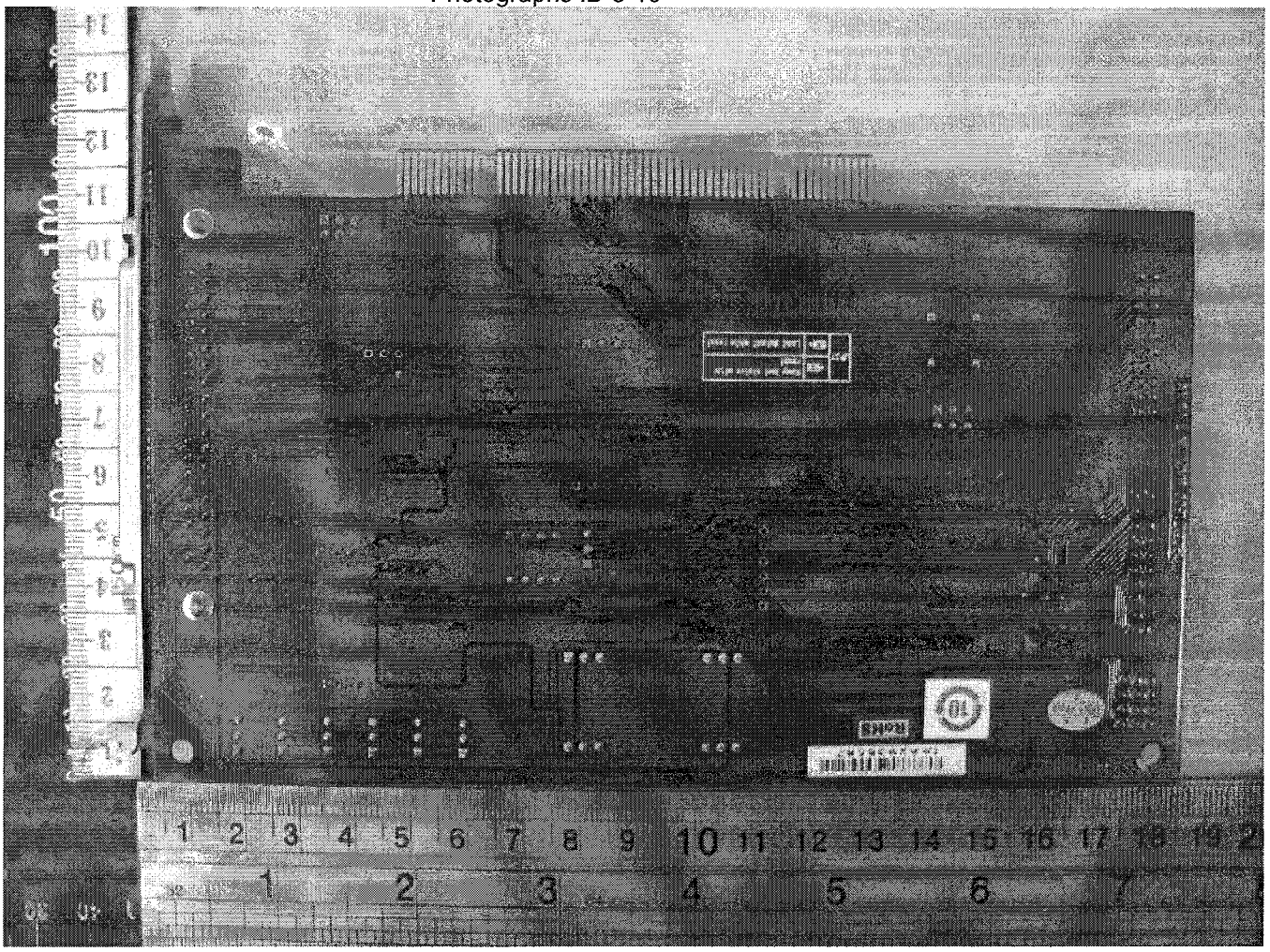
Photographs ID 3-14



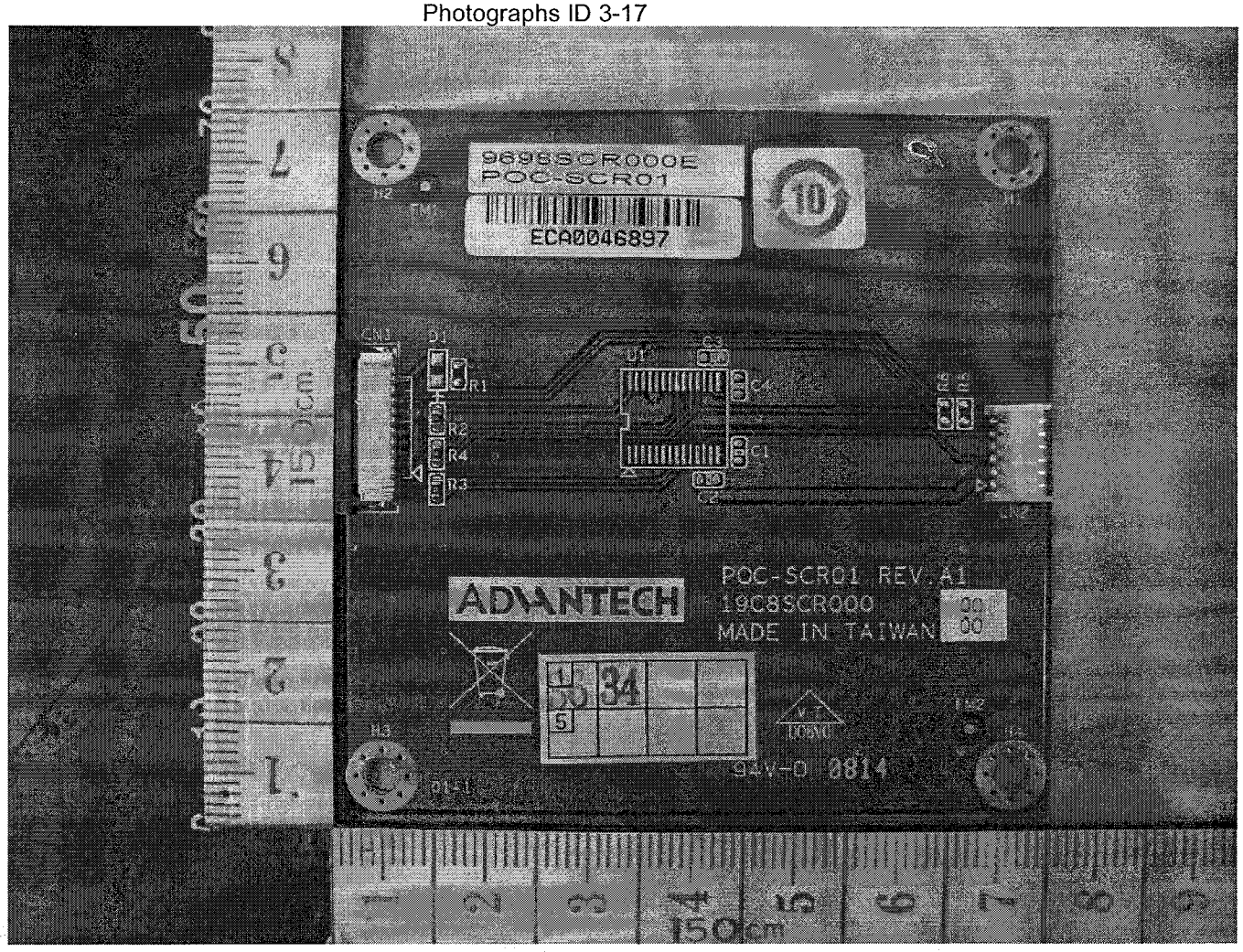
Photographs ID 3-15



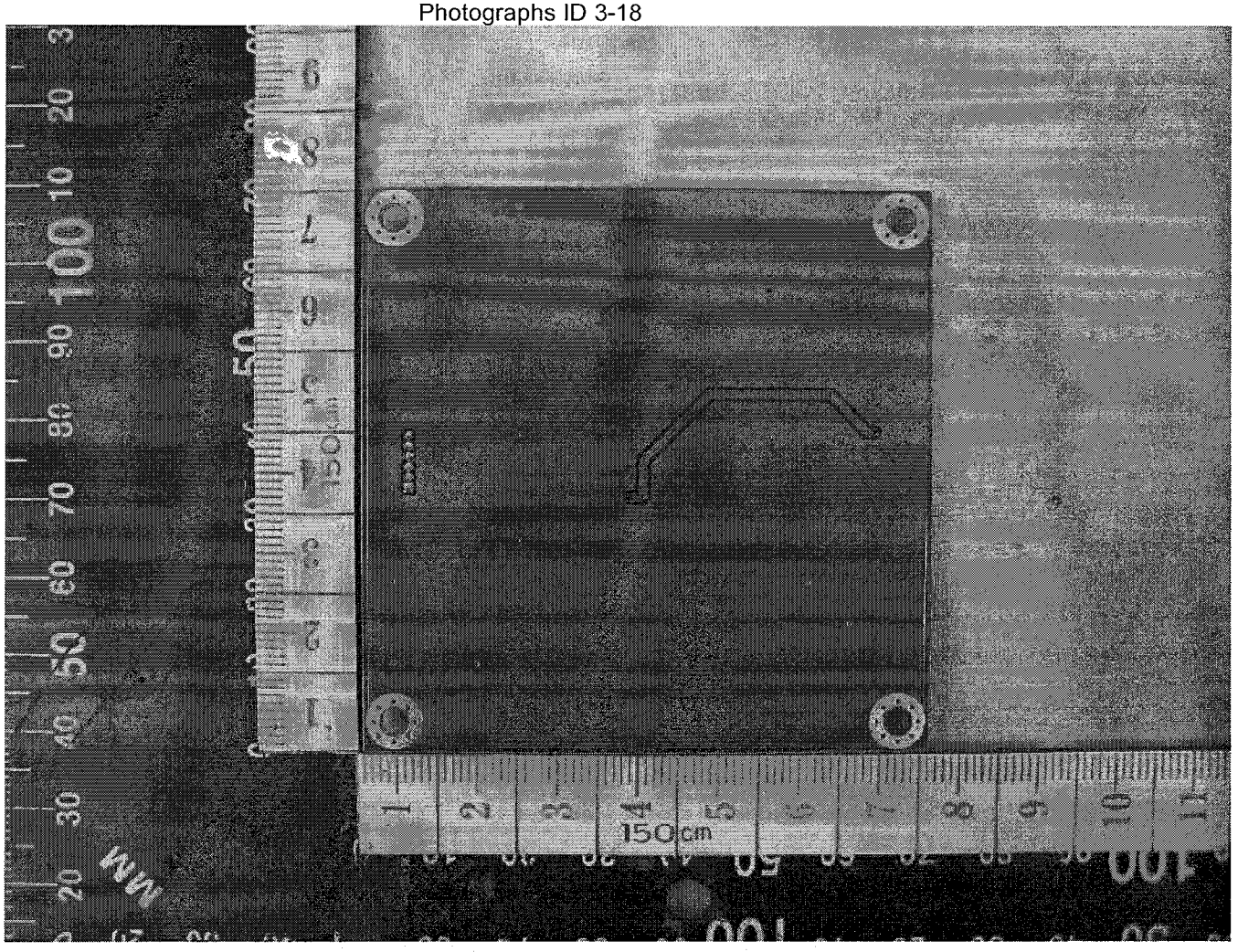
Photographs ID 3-16



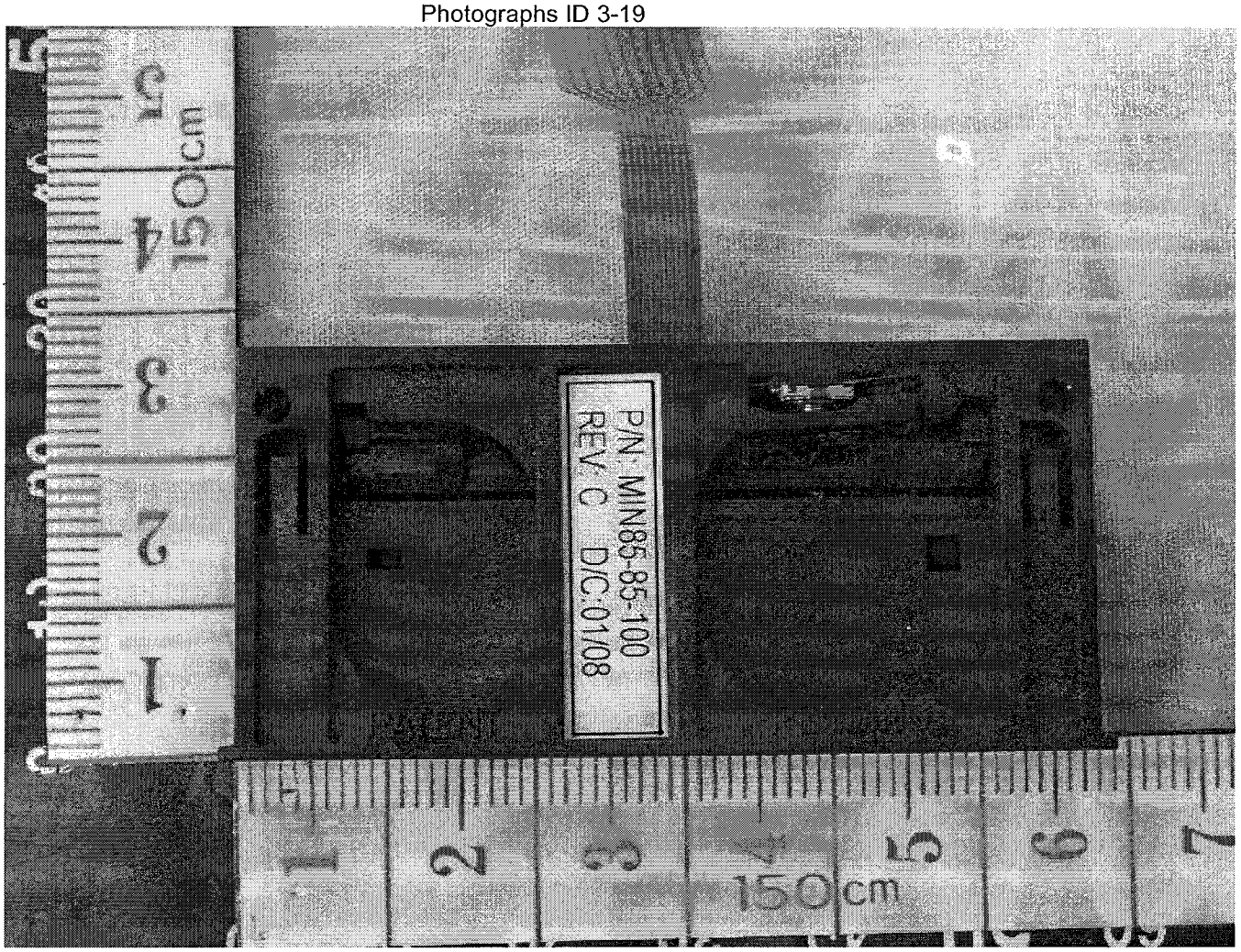
Photographs ID 3-17



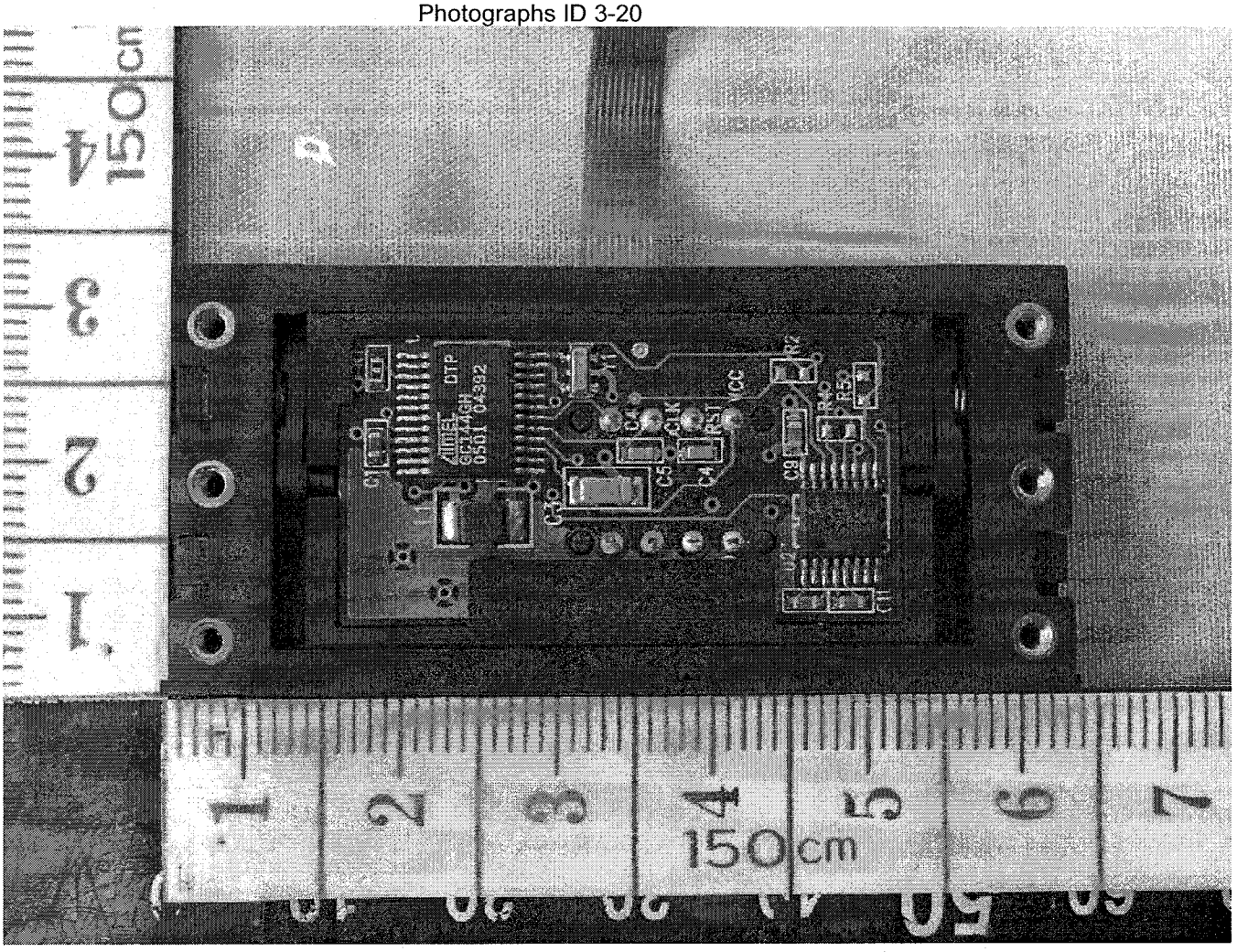
Photographs ID 3-18



Photographs ID 3-19



Photographs ID 3-20



Enclosure

Test Record

Description
Test Record 1
Test Record 2
CAS_CRD
CAS_Datasheet

Test Record No. 2

The manufacturer submitted representative production sample of Panel PC models POC-125xxxxxxxx (without battery pack), alternate one PCI board and one card reader in secondary. Due to Panel PC alternate one PCI board and one card reader in secondary for model: POC-125xxxxxxxx (without battery pack), only the tests listed below were considered necessary. WTDP: Unless otherwise noted in the above list of tests, all tests were conducted by Prodigy Technology Consultant Co. Ltd., located at Linkou Township, Taipei 244 Taiwan and witnessed by a member of the UL staff under the WTDP program. The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the standard for Medical Electrical Equipment, Part 1 : General Requirements for Safety, UL 60601-1, First Edition, including revisions through revision date April 26, 2006, which includes the Second Amendment of IEC60601-1., and Canadian Standard for Medical Electrical Equipment, CAN/CSA C22.2, No. 601.1-M90, including Update No. 2 through revision date January, 2005.