LVD REPORT

Applicant : TRENDware International Inc.

Model No : TEW-421PC

Report No: C51LV133

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Report No	C51LV133
Applicant	TRENDware International Inc. 3135 Kashiwa Street Torrance, CA 90505, U.S.A.
Test item	Low Voltage Directive
Items tested	802.11g WLAN PCI Adapter
Model No.	TEW-421PC
Sample No.	# C51215
Rating	SELV
Sample received date	05/14/2004
Specifications	EN60950, 2000 / IEC 60950, 3rd Ed, 1999
Results	As detailed within this report
Prepared by	Flora Shih project engineer
Authorized by	Tony Chen Laboratory Manager
Issue date	May / 24 / 2004 (month / day / year)
Modifications	**None**
Tested by	Lily Technology Co., Ltd.
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SAFETY TEST RESULTS

The results appear in the following order:

EN60950, 2000 / IEC 60950, 3rd Ed, 1999

Safety of information technology equipment -

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Test Report EN 60950, 2000 / IEC 60950, 3rd Ed, 1999

Equipment mobility.....: Movable Operating condition.....: Continuous Tested for IT power systems.....: No IT testing, phase-phase voltage (V).....: N/A Class of equipment.....: Class III Mass of equipment (kg).....: <18kg Protection against ingress of water.....: N/A
Possible test case verdicts: - test case does not apply to the test object.....: N - test object does meet the requirement.....:P - test object does not meet the requirements.....:F
General remarks " (see appended table) " refers to a table appended the report. Throughout this report a point is used as the decimal separator. 1. Safety Strategy - The equipment is powered from SELV by PCMCIA slot. - This report is based on original report C51LV215 for alternate housing. 2. Testing Environment: All testing was conducted at: - An ambient temperature in the range 25 °C to 35 °C. - A relative humidity in the range 25% to 75% - An air pressure in the range 86KPa to 106Kpa

RESULTS

Clause	Requirement – Test	Result - Remark	Verdict
1.	**GENERAL**		
1.1	**SCOPE**		
1.1.1	Equipment covered by this standard.	The product is within the scope of IEC 60950	--
1.1.2	Additional requirements:		
	Exposure to extreme temperatures, excessive dust, moisture or vibration; to flammable gases; to corrosive or explosive atmospheres.	This equipment is not intended to operate in a " normal" environment (Offices and homes).	--
	Electro medical equipment connected to the patient.	This equipment is not an electromedical intended to be physically connected to a patient.	--
	Equipment used in vehicles, ships or aircrafts, in tropical countries, or at elevations > 2000m.	This equipment is intended to operate in a "normal " environment. (Office and homes)	--
	Equipment intended for use where ingress of water is possible.	This equipment is intended to be used in applications where ingress of water is not regarded possible. The equipment is non- protected according to IEC 60529	--
	IP-classification (IEC 60529) (IP)	IP X0.	

1.2.2	**OPERATING CONDITIONS**		
1.2.2.1	Normal load as described in Annex L or as close as possible to the most severe normal use.	The unit is running to communicate and transmit data.	--
1.2.2.2	Rated operating time as assigned by the Manufacturer.	The manufacturer has not declared a rated operating time.	

Clause	Requirement - Test	Result - Remark	Verdict
1.2.2.3	-1.2.2.5 Continuous operation / Shot-time operation / Inter mitten operation.	The equipment is regarded to be for continuous operation.	--
1.5.	**COMPONENTS**		**P**
1.5.1 1.5.2	General Evaluation and testing of components	Ref. List of Critical Components. Certified components are used in accordance with their ratings, certifications and they comply with applicable parts of this standard.	-- **P**
		Components not certified are used in accordance with their rating and they comply with applicable parts of IEC 60950 and the relevant component standard.	
		Components, for which no relevant IEC-standard exists have been tested under the conditions occurring in the equipment, using applicable parts of IEC 60950.	
	Dimensions of mains plug for direct plug-in equipment	The equipment is not plug-in type.	**N**
	Additional torque (Nm) Pull (N)		--
1.5.3	Thermal controls	No thermal controls.	**N**
1.5.4	Transformers		**N**
1.5.5	Interconnecting cables	No interconnection cables.	**N**
1.5.6	Capacitors in primary circuits	No primary circuits.	**N**
1.5.7.1	-1.5.7.3 Double or reinforced insulation bridged by components.	No such components bridging double or reinforced insulation.	**N**

Clause	Requirement - Test	Result - Remark	Verdict
1.5.8	Components in equipment for IT system	Class III equipment. No components connected between line and earth.	**N**
1.6.	**POWER INTERFACE**	Class III equipment	**N**
1.6.1	AC power distribution systems		**N**
1.6.2	Input current		**N**
	Test voltage (at each rated voltage or at each end of a rated voltage rang)		--
	Measured current		--
	Deviation		--
1.6.3	Voltage limit of hand – held equipment (max. 250V)		--
1.6.4	Neutral conductor		--
1.7.	**MARKING AND INSTRUCTIONS**		
1.7.1	Power rating	The equipment marking is located on outside surface of the equipment.	**P**
	Rated voltage (s) or voltage rang	5 VDC	--
	Symbol of nature of supply for d.c		--
	Rated frequency or frequency range		--
	Rated current		--
	Manufacturer name, trade mark or identification mark		--
	Type/model …….	TEW-421PC	--
	Symbol of Class II …….	Class III	--
	Other symbols	There is no additional marking.	
	Certification marks …….	CE mark	--

Clause	Requirement - Test	Result - Remark	Verdict
1.7.2	Safety instructions	No precautions are necessary.	**N**
	Operating instructions	Installation instructions are available to the user in User' s Manual.	**P**
1.7.3	Short duty cycles		**N**
1.7.4	Supply voltage adjustment	Class III equipment.	**N**
1.7.5	Power outlets on the equipment	Class III equipment.	**N**
1.7.6	Fuse identification	No primary fuse.	**N**
1.7.7	Wiring terminals		**N**
1.7.7.1	Protective earthing and bonding terminals	Class III equipment	**N**
1.7.7.2	Terminal for ac. mains supply conductors	Class III equipment	**N**
1.7.8	Controls and indicators		**N**
1.7.8.1	Identification, location and marking		**N**
1.7.8.2	Colours	For functional indication LED lights when the equipment is operating.	**N**
1.7.8.3	Symbols.		**N**
1.7.8.4	Markings using figures	No indicators for different positions.	**N**
1.7.9	Isolation of multiple power sources		**N**
1.7.10	IT power system		**N**
1.7.11	Thermostats and other regulating devices	No thermostats or other regulating device.	**N**
1.7.12	Language	Instructions and markings shall be in a language acceptable for the county where the equipment is to be used.	**P**
1.7.13	Durability	The marking withstands regulating devices.	**P**
1.7.14	Removable parts		**N**
1.7.15	Replaceable batteries	No lithium batteries	**N**
	Language		**--**

Clause	Requirement – Test	Result – Remark	Verdict
1.7.16	Operator access with a tool	No operator access area with tool.	**N**
1.7.17	Equipment for restricted access location		**N**
2..	**PROTECTION FORM HAZARDS**		
2.1.	**PROTECTION AGAINST ELECTRIC SHOCK AND ENERGY HAZARDS**		
2.1.1	Protection in operator access areas	Refer below:	**N**
2.1.1.1	Access to energized parts	Class III equipment.	**N**
2.1.1.2	Battery compartments	No battery compartments.	**N**
2.1.1.3	Access to ELV wiring	Class III equipment.	**N**
2.1.1.4	Access to hazardous voltage circuit wiring	Class III equipment.	**N**
2.1.1.5	Energy hazards	Class III equipment.	**N**
2.1.1.6	Manual controls	No conductive handles.	**N**
2.1.1.7	Discharge of capacitors in the primary circuit	Class III equipment.	**N**
	Time-constant (s)		
2.1.2	Protection in service access areas	Class III equipment. No bare parts at hazardous voltage or involve an energy hazard.	**N**
2.1.3	Protection in restricted access locations	Equipment not intended for installation in RAL.	**N**
2.2.	**SELV CIRCUITS**		**N**
2.2.1	General requirement	SELV limits are not exceeded under normal condition and after a single fault.	**N**
2.2.2	Voltage under normal conditions	Within SELV limit.	**N**
2.2.3	Voltage under fault condition	Within SELV limit.	**N**
2.2.3.1	-2.2.3.3 Method used for separation		**N**

Clause	Requirement – Test	Result – Remark	Verdict
2.2.4	Connection of SELV circuits to other circuits	SELV circuits are only connected to other SELV circuits.	**N**
2.3	**TNV CIRCUITS**		
2.3.1	Limits	Refer below:	**--**
	Type of TNV circuits	No TNV circuits.	**N**
2.3.2	Separation from other circuits and from accessible parts	Supplementary insulation.	**N**
2.3.3	Separation form hazardous voltage	No hazardous voltage.	**N**
2.3.4	Connection of TNV circuits to other circuits	Supplementary insulation.	**N**
2.3.5	Test for operating voltage generated externally	No applicable.	**N**
2.4.	**LIMITED CURRENT CIRCUIT**	2.4.1-2.4.3; no safety interlocks.	**N**
2.5	**LIMITED POWER SOURCE**	No limited power source.	**N**
2.6.	**PROVISIONS FOR EARTHING AND BONDING**	2.6.1-2.6.5.8; Class III equipment.	**N**
2.7.	**OVERCURRENT AND EARTH FAULT PROTECTION IN PRIMARY CIRCUITS**	Class III equipment	**N**
2.8.	**SAFETY INTERLOCKS**	2.8.1-2.8.8; No safety interlocks.	**N**
2.9	**ELECTRICAL INSULATION**		
2.9.1	Properties of insulating materials	Neither natural rubber, materials containing asbestos nor hygroscopic materials are used as insulation. No driving belts or coupling used.	**N**

Clause	Requirement – Test	Result – Remark	Verdict
2.9.2	Humidity conditioning	Humidity treatment performed at 120h at 40℃,91-95% and 48h at 25℃, 91-95%	**N**
2.9.3	Requirements for insulation	The insulation complies with sub-clauses 4.5.1 and 2.10	**N**
2.9.4	Insulation parameters	Application of insulation and working voltage are considered.	**N**
2.9.5	Categories of insulation	Insulation is considered to be supplementary insulation.	**N**
2.10	**CLEARANCES, CREEPAGE DISTANCES AND DISTANCE THOUGH INSULATION**	Class III equipment.	**N**
	Normal voltage		**--**
	Pollution degree		**--**
	CTI rating		**--**
2.10.1	General	Considered. see the following clauses:	**--**
2.10.2	Determination of working voltages	Considered.	**N**
2.10.3	Clearances	See table 2.10	**N**
2.10.3.1	General	Refer below:	**--**
	10 mm air gap between hazardous voltage and accessible conductive parts of enclosure	Not applicable.	**N**
	2 mm air gap between hazardous voltage and earthed accessible conductive parts of enclosure.	Not applicable.	**N**
2.10.3.2	Clearances in primary circuits	Not applicable.	**N**
2.10.3.3	Clearances in secondary circuits	See table 2.10	**P**
2.10.3.4	Measurements of transient levels	Measurement not relevant.	**N**
2.10.4	Creepage distances	See table 2.10	**P**

Clause	Requirement – Test	Result – Remark	Verdict
2.10.5	Solid insulation	Refer below:	**N**
2.10.5.1	Minimum distances through insulation	See below	**N**
2.10.5.2	Thin sheet material	No transformers.	**N**
2.10.5.3	Printed boards	PCB does not serve as insulation barrier.	**N**
2.10.5.4	Wound components	No wound components used.	**N**
	Two wire in contact inside component	No wound components used.	**N**
2.10.6	Coated printed boards.	No special coating in order to reduce distances.	**N**
2.10.6.1	General	Refer below:	--
2.10.6.2	Sample preparation and preliminary inspection.		--
2.10.6.3	Thermal cycling		--
2.10.6.4	Thermal ageing		--
2.10.6.5	Electric strength test		--
2.10.6.6	Abrasion resistance test		--
2.10.7	Enclosure and sealed parts	No enclosed or hermetically sealed components	**N**
2.10.8	Spacing filled by insulating compound	No components treated/filled with insulation compound.	**N**
2.10.9	Component external terminations	See appended table 2.10.1 up to and including 2.10.4	**N**
2.10.10	Insulation with varying dimensions.	No such transformer used.	**N**

3..	**WIRING, CONNECTIONS AND SUPPLY**		

3.1.	**GENERAL**		

Clause	Requirement – Test	Result – Remark	Verdict
3.1.1	Current rating and overcurrent protection	No internal wiring.	**N**
3.1.2	Protection against mechanical damage	No internal wiring.	**N** **N**
3.1.3	Securing of internal wiring	No internal wiring.	**N**
3.1.4	Insulation of conductors	No internal wiring.	**N**
3.1.5	Beads and ceramic insulators	Not beads or similar ceramic insulators.	**N**
3.1.6	Screws for electrical contact pressure.	No electrical screw connection.	**N**
3.1.7	Non-metallic materials in electrical connections	No contact pressure though insulating material.	**N**
3.1.8	Self-tapping and spaced thread screws	Thread-cutting or space thread screws are not used for electrical connections.	**N**
3.1.9	Termination of conductors	No conductor used.	**N**
	10N force test		
3.1.10	Sleeving on wring	No internal wring.	**N**
3.2.	**CONNECTION TO A.C. MAINS SUPPLIES**	Class III equipment. No direct connection to mains	**N**
3.3.	**WIRING TERMINALS FOR CONNECTION OF EXTERNAL CONDUCTORS**	3.3.1-3.3.8; Class III equipment. No direct connection to mains.	**N**
3.4.	**DISCONNECTION FROM THE A.C. MAINS SUPPLY**	Class III equipments. No direct connection to main.	**N**
3.5	**INTERCONNECTION OF EQUIPMENT**		**N**
3.5.1	General requirements	Considered.	--
3.5.2	Type of interconnection circuits	No TNV circuit.	--
3.5.3	ELV circuits as interconnection circuits.	No ELV interconnection	**N**

Clause	Requirement – Test	Result – Remark	Verdict
4..	**PHYSICAL REOUIAEMENTS**		
4.1.	Stability	Refer below:	--
	Angle of 10°		**N**
	Test: force (20% of the weight of the unit, max. 250N)	The unit is not floor-standing.	**N**
	Test: force (800N)		**N**
4.2.	**MECHANICAL STRENGTH**		**P**
4.2.1	General	Considered.	**P**
4.2.2	Steady force test, 10 N	No hazard, ref. Comment in table 2.10	**P**
4.2.3	Internal enclosures 30N 3 ; 5	No inter enclosure.	**N**
4.2.4	External enclosures 250N 10 ; 5	No outer enclosure.	**N**
4.2.5	Impact test	Refer below:	**N**
	Fall test		**N**
	Swing test		**N**
4.2.6	Drop test	Drop test not applicable.	**N**
4.2.7	Stress relief		**N**
4.2.8	Cathode ray tubes	CRT is not used in the equipment.	**N**
4.2.9	High pressure lamps	No high pressure lamps in the equipment.	**N**
4.2.10	Well or ceiling mounted equipment		**N**
4.3.	**DESIGN AND CONSTRUCTION**		
4 3 1	Edges and corners	All edges and corners are rounded and/or smoothed.	**N**
4.3.2	Handles and manual controls	No knobs, grips, handles, lever etc.	**N**
4.3.3	Adjustable controls	No hazardous adjustable controls.	**N**
4.3.4	Securing of parts	No loosening of parts impairing creepage distances or clearance is likely to occur.	**N**
4.3.5	Connection of plugs and sockets	SELV and TNV connectors do not comply with IEC 60320 or IEC 60083.	**N**

Clause	Requirement – Test	Result – Remark	Verdict
4.3.6	Direct plug-in equipment	Not interned to plug directly into a wall socket-outlet.	**N**
	Torque (Nm)	Nm	**--**
4.3.7	Heating elements in earthed equipment.	No heating elements provided.	**N**
4.3.8	Batteries	No lithium batteries.	**N**
4.3.9	Oil and grease.	Insulation is not exposed to oil, grease etc.	**N**
4.3.10	Dust, powders, liquids and gases	The equipment does not generate ionising radiation or use a leaser, and does not contain flammable liquids or gases.	**N**
4.3.11	Containers for liquids or gases	No containers for liquids or gases in the equipment.	**N**
4.3.12	Flammable liquids.	The equipment does not contain flammable liquid.	**N**
	Quantity of liquid.	L	**--**
	Flash point	°C	**--**
4.3.13	Radiation	Diffusion LED only.	**N**
4.4	**PROTECTION AGAINST HAZARDOUS MOVING PARTS**		
4.4.1	General	Adequate protection against risk of personal injury.	**P**
4.4.2	Protection in operator access areas	No moving parts.	**N**
4.4.3	Protection in restricted access areas	Not intended for installation in RAL.	**N**
4.4.4	Protection in service access areas	Unintentional contact is not likely in service access areas.	**N**
4.5	**THERMAL REQUIREMENTS**		**N**
4.5.1	Temper rises	(see appended table)	**N**
4.5.2	Resistance to abnormal heat		**N**

Clause	Requirement – Test	Result – Remark	Verdict
4.6	**OPENING IN ENCLOSURE**		
4.6.1	Top and side openings	Refer below	--
	Top openings	Openings are measured to be (mm):	
	Dimensions (mm)		--
	Front, side and rear openings	No front side or rear opening.	**N**
	Dimensions (mm)		--
4. 6.2	Bottom of fire enclosures	No fire enclosure requirements. No bottom opening.	**N**
4.6.3	Doors and covers in fire enclosure	No door or cover in enclosure.	**N**
4.6.4	Opening in transportable equipment	The unit is not regarded as transportable equipment.	**N**
4.6.5	Adhesives for constructional purposes	No barrier secured by adhesive inside enclosure.	**N**
	Conditioning temperature/time	°C/week (s)	--

4.7.	**RESISTANCE TO FIRE**	Metallic Enclosure	
4.7.1	Reducing the risk of ignition and spread of flame	Method 1 is used.	**N**
4.7.2	Condition for a fire enclosure	Refer below:	**N**
4.7.2.1	Parts requiring a fire enclosure	The modem is only connected to SELV circuit of low power, no fire enclosure is required.	**N**
4.7.2.2	Parts not requiring a fire enclosure		**N**
4.7.3	Materials	No enclosure.	**N**
4.7.3.1	General	Considered.	**N**
4.7.3.2	Materials of fire enclosure		**N**
4.7.3.3	Material for components and other outside fire enclosure		**N**
4.7.3.4	Materials for components and other inside fire enclosure	Since it contains only SELV circuit (low power source) No fire enclosure is required. Enclosure is of min. 94 HB.	**N**

Clause	Requirement – Test	Result – Remark	Verdict
4.7.3.5	Materials for air filter assemblies	No air filter in the equipment.	**N**
4.7.3.6	Materials used in high-voltage	No parts exceeding 4 KV.	**N**
5.	**ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS**	Class III equipment.	**N**
5.2.	**ELECTRIC STRENGTH**		
5.2.1	-5.2.2 General. Test procedure	Considered.	**N**
5.3.	**ABNORMAL OPERATING AND FAULT CONDITIONS**		
5.3.1	Protection against overload and abnormal operation		**N**
5.3.2	Motors	No motors.	**N**
5.3.3	Transformers	No transformer.	**N**
5.3.4	Functional insulation		**N**
5.3.5	Electromechanical components	No electromechanical components.	**N**
5.3.6	Simulation of faults	See the enclosure fault condition tests.	**N**
5.3.7	Unattended equipment	No thermostats, temperature limiters or thermal cut-outs.	**N**
5.3.8	Compliance criteria for abnormal operating and fault conditions	Refer below:	**--**
5.3.8.1	During the tests	No fire or molten metal occurred and no deformation of enclosure during the test.	**N**
5.3.8.2	After the tests	No reduction of clearance and creepage distances. Electric strength test is mode on basic and supplementary insulation.	**N**

Clause	Requirement – Test	Result – Remark	Verdict
6.	**CONNECTION TO TELECOMMUNICATION NETWORKS**		-
6.1.	**PROTECTION OF TELECOMMUNICATION NETWORK SERVICE PERSONNEL, AND USERS OF OTHER EQUIPMENT CONNECTED TO THE NETWORK, FROM HAZARDS IN THE EQUIPMENT.**		
6.1.1	Protection from hazardous voltages		**N**
6.1.2	Separation of the telecommunication network form earth	Refer below:	--
6.1.2.1	Requirements	There are no connections to protective earth.	**N**
	Test voltage	V	-
	Current in the test circuit	mA	-
6.1.2.2	Exclusions	No exclusions are applicable.	**N**
6.2	**PROTECTION OF THE EQUIPMENT USERS FROM VOLTAGES ON THE TELECOMMUNICATION NETWORKS.**		
6.2.1	Separation requirement		**N**
6.2.2	Electric strength test procedure	Complies, see 6.2.2.2.	**N**
6.2.2.1	Impulse test	Complies, see 6.2.2.2.	**N**

Clause	Requirement – Test	Result – Remark	Verdict
6.2.2.2	Steady-state test		**N**
6.2.2.3	Compliance criteria	No breakdown of insulation during above tests.	**N**
6.3.	**PROTECTION OF TELECOMMUNICATION WIRING SYSTEM FROM OVERHEATING**	Equipment not intended to provide power over the telecommunication wring system.	**N**
	Maximum output current	A	--
	Current limiting method		--

Clause	Requirement - Test	Result – Remark	Verdict
Annex A	**TESTS FOR RESISTANCE TO HEAT AND FIRE**	All materials have suitable flame class, no testing require.	**N**
A.1	Flammability test for fire enclosures of moveable equipment having a total mass exceeding 18kg, and of stationary equipment.		**N**
A.2	Flammability test for fire enclosures of moveable equipment having a total mass not exceeding 18kg, and for materials located within fire enclosure.		**N**
A	Tested material		**N**
	Mounting of samples during test;		--
	Wall thickness		--
	Sample 1 burning time		**N**
	Sample 2 burning time		**N**
	Sample 3 burning time		**N**
	Material: compliance with the requirements		**N**
	Manufacturer of tested material		--
	Type of tested material		--
	Additional information		--

Clause	Requirement - Test	Result – Remark	Verdict
Annex B	**MOTOR TESTS UNDER ABNORMAL CONDITIONS**	No motors in the equipment.	**N**
	Position		--
	Manufacturer		--
	Type		--
	Rated voltage (V) or current (A)		--
B.2	Temperatures	(see appended table 5.4)	**N**
B.4	Running overload test		**N**
B.5	Locked-rotor overload test		**N**
	Test duration (days)		--
	Electric strength test: test voltage (V)		--
B.6	Running overload test for DC motor in secondary circuits.		**N**
B.7	Locked-rotor overload test for DC motor in secondary circuits		**N**
B.7.2	Test time (h)		**N**
B.7.3	Test lime (h)		**N**
B.8	Test for motors with capacitor		**N**
B.9	Test for three-phase motor		**N**
B.10	Test for series motors		**N**
	Test voltage (V)		--

Clause	Requirement - Test	Result – Remark	Verdict
Annex C	**TRANSFORMERS**	No transformer.	**N**
	Position		**--**
	Manufacturer		
	Type		**--**
	Rated values		**--**
	Temperatures		**N**
C.1	Overload test	See fault condition test	**N**
	Linear transformer		**--**
	Ferro-resonant transformer		**--**
	Transformer for switch mode power supply.		
	Type of thermal cut-out	None provided.	**N**
C.2	Insulation	The insulation fulfill the requirements in 2.10 and relevant test of 5.2.2	**N**
	Precautions taken	See the attached specification for the transformer.	**N**
	Retaining of end turns of all windings	Secured to the soldering pins with purposes.	**N**
	Earth screen for protective purposes	No earthed screen for protective purposes.	**N**

APPENDED TABLES

1.5	List of critical components			P
Object/part No	Manufacturer/ Trademark	Type / model	Technical Data	Mark(s) of Conformity
Metal enclosure	Applicant's Spec.	----	min. 025mm	--
Plastic of Material	Applicant's Spec.	---	94V-HB or better	UL, R/C
Main PCB	Recognized	---	94V-0	UL R/C

4.7	Resistance to Fire	P
Item	UL Recognized	Declared Rating
PCB		V-0

APPENDIX –TEST INSTRUMENTS

Inst. ID	Instrument No.	Range Used	Instruments Type
LTC01	THS-ML1	Temperature : 70 °C R. Humidity :. 60%	Temperature Humidity Chambers
LTC02	GPI-615	Cutoff Current:10mA: Voltage:1500VAC	Withstand Voltage Tester
LTC03	GDM-8039	VAC	Digital Multimeter
LTC04	HP OSCILLO SCOPE	DC/AC 0-500 V	54600A
LTC05	CHITAI 2402A	Auto	Digital Power Meter (DC/AC)
LTC06	CHENHWA DC Electronic Load	60V/60A	2600
LTC07	IMADA FB-50	50 KG Resolution: 0.5N	Portable Force Indicator
LTC08	N/A	Ball Impact Test H.: 1.30 m	Steel Sphere
LTC09	OVEN	50-300	Thermal Oven
LTC10	YOKOGAWA HR1300	CH1-CH20	HYBRID Recorder
LTC11	ED&D LT-952HC	20 Ma, 2 mA	Leakage Current Tester
LTC12	GW GFG-813	100 Hz – 10 KHz	13 MHz Function Generator
LTC13	APC AFC-3KB	90V-260V 47-63Hz, 3KVA	AC Power Source
LTC14	GDM 8055	200 Ma (DC A)	Digital Multimeter
LTC15	GDM 8055	20 VAC	Digital Multimeter
LTC16	B&K 4155	12.5 mV/Pa	Microphone
LTC17	B&K ZC0020	Gain: 0dB	Pre-Amplifier
LTC18	B&K TYPE 2230	70-140 dBspl	Precision Sound Level Meter
LTC19	1036-AF	ANSI S3.7-1973	Acoustic Coupling
LTC20	TRC 1102	Press T1 V1	Surge Testor
LTC21	OTS	All	Overvoltage Test Simulator
LTC22	GDM-8039	VAC	Digital Multimeter
LTC23	Lufkin 5m/16’	1 Meter 1.3 Meter	Roll Ruler
LTC24	GW GCT-630	Ohm.& A.	Ground Continuty Tester

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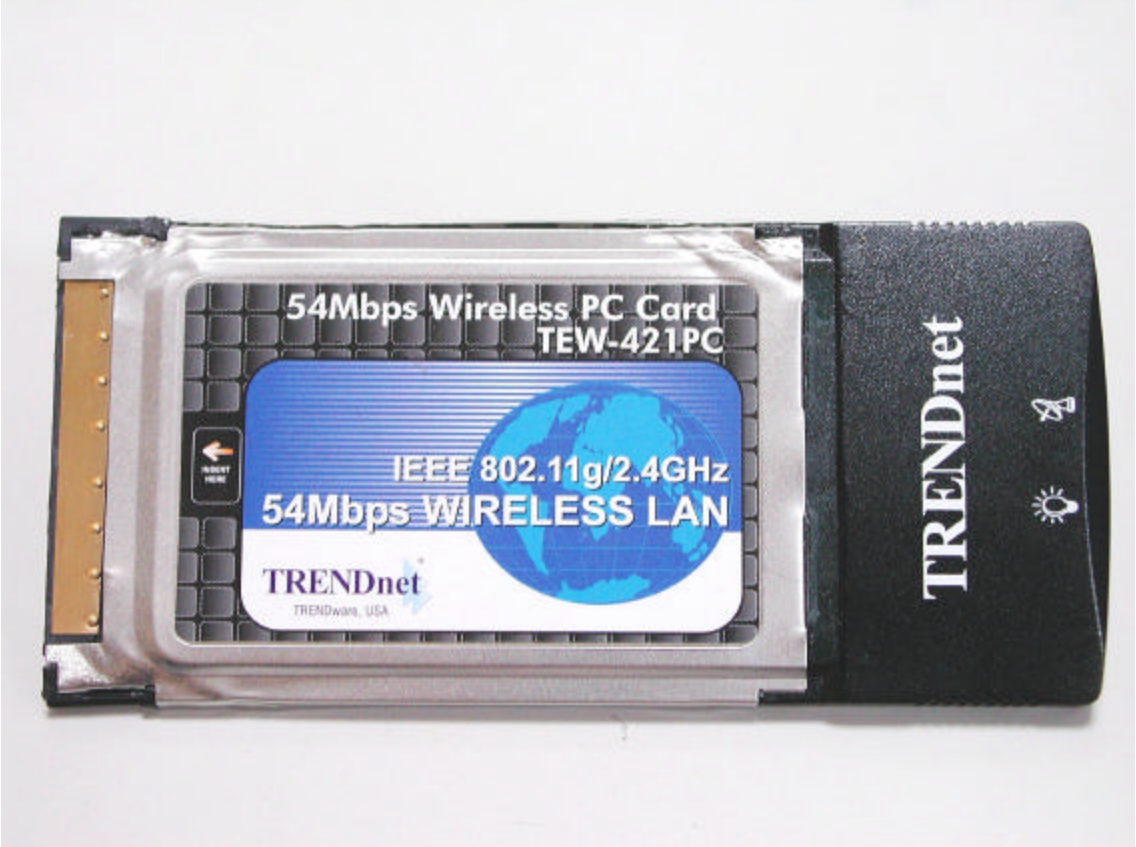
54Mbps Wireless PC Card
TEW-421PC
IEEE 802.11g/2.4GHz
54Mbps WIRELESS LAN
TRENDnet
TRENDnet


802.11g Wireless LAN PC Card
IEEE 802.11g Compliant
DSSS at 2.4 GHz ISM band
TEW-421PC
0470
S/N:
MAC:
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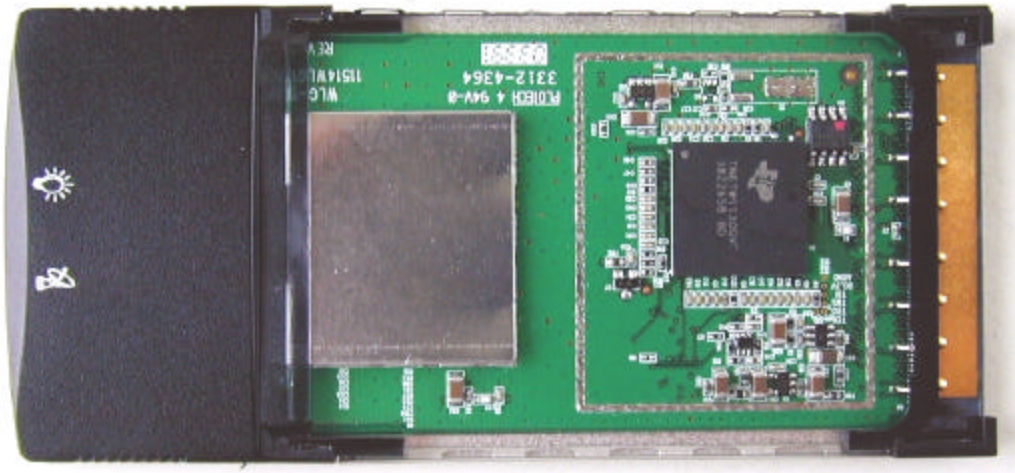

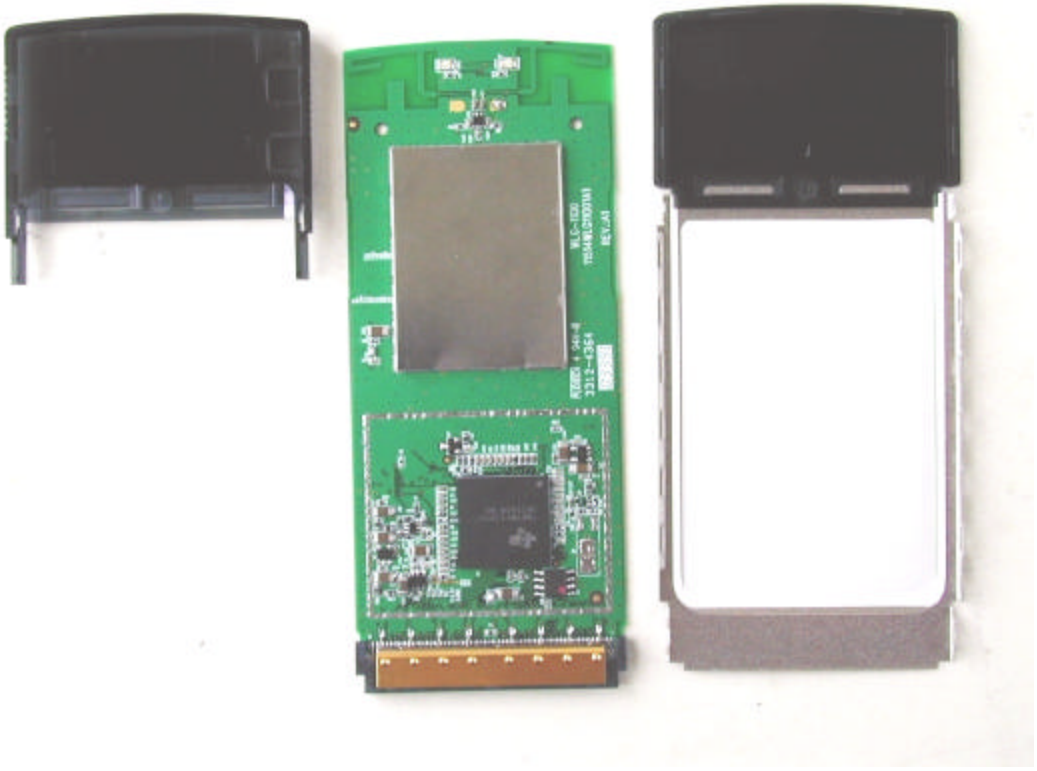

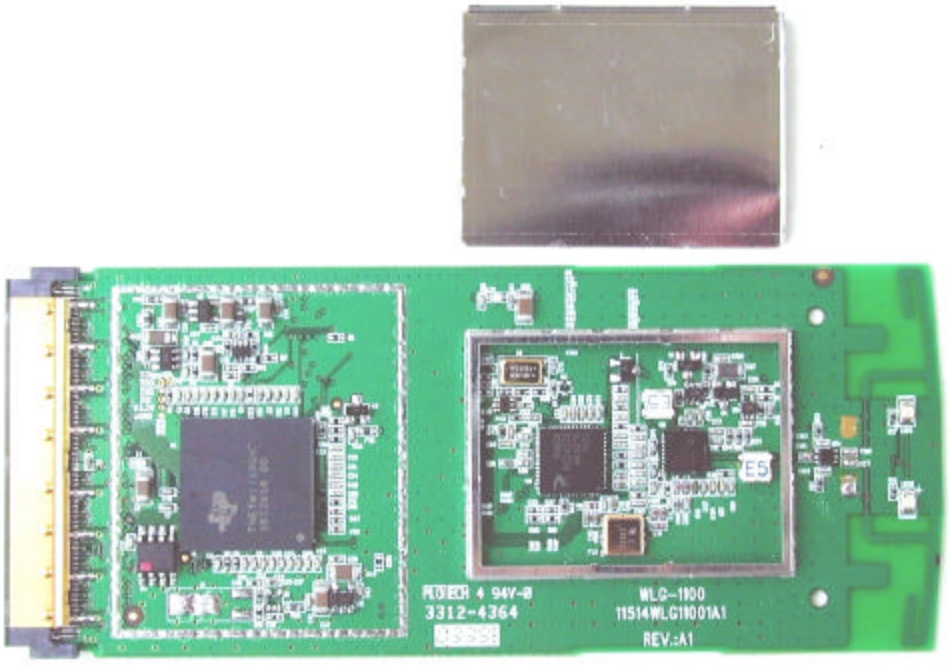
E5
WLC-1100
11514WLG11001A1
REV.:A1