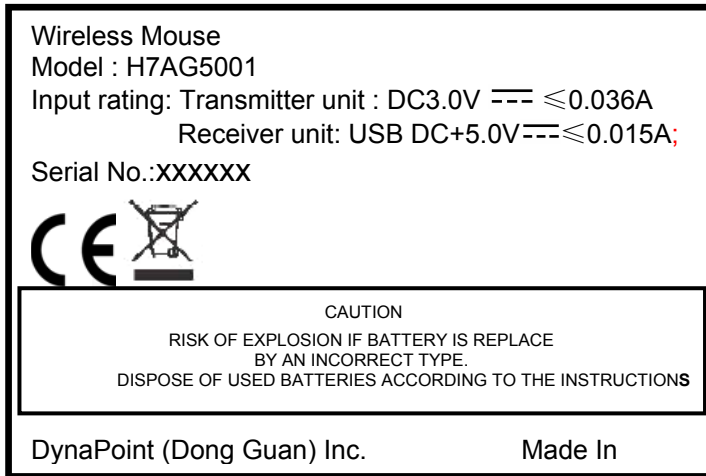


TEST REPORT EN 60950-1:2006 Safety of information technology equipment Part 1-General requirements	
Report reference No	RSZ07082103-3
Compiled by (+ signature)	Arly Zhao
Approved by (+ signature)	Safety Engineer: Jeanne Han
Date of issue	2007-08-31
Testing laboratory	Bay Area Compliance Laboratory Corp. (Shenzhen)
Address	6/F, the 3rd Phase of WanLi Industrial Building, ShiHua Road, FuTian Free Trade Zone, ShenZhen, Guangdong, P.R.China
Testing location	As above
Applicant1	DynaPoint (Dong Guan) Inc.
Address	The Sixth Industrial Park. Shangsha, South Area ChangAn, DongGuan, GuangDong, China 523880
Applicant2	---
Address	---
Standard	EN 60950-1:2006
Test procedure	LVD Scheme
Test sample(s) received.....	2007-08-30
Test in period.....	2007-08-30 To 2007-08-31
Procedure deviation	N.A.
Non-standard test method	N.A.
<p>This test report is for the customer shown above and their specific product only. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratory Corp. (Shenzhen). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.</p>	
Type of test object	Wireless Mouse
Trademark	---
Model/type reference	H7AG5001
Manufacturer.....	DynaPoint (Dong Guan) Inc.

Rating: Transmitter unit : DC3.0V $\leq 0.036A$ (built-in 2x1.5Vdc AA size non-rechagable batteries)
Receiver unit: USB DC+5.0V $\leq 0.015A$;

Copy of marking plate:



Possible test case verdicts:

- test case does not apply to the test object.....N(.A.)
- test object does meet the requirement.....P(ass)
- test object does not meet the requirement.....F(ail)

General remarks:

"(see remark #)" refers to a remark appended to the report.

(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

The test results presented in this report relate only to the object tested.

This report shall not be reproduced except in full without the written approval of the testing laboratory.

GENERAL INFORMATION:

1. Factory information:

Factory: DynaPoint (Dong Guan) Inc.

Address: The Sixth Industrial Park.Shangsha,South Area ChangAn,DongGuan,GuangDong,China
523880.

2. Manufacturer's name or trade-mark of identification mark:

Manufacturer's name: DynaPoint (Dong Guan) Inc.

Trade-mark: ---

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
1	General		P
1.5.	Component		P
1.5.1	General	(see appended table 1.5.1)	P
1.5.2	Evaluation and testing of components	<p>Certified components are used in accordance with their ratings, certifications and they comply with applicable parts of this Standard.</p> <p>Components not certified are used in accordance with their ratings and they comply with IEC60950 and the relevant component Standard.</p> <p>Components, for which no relevant IEC Standard exist, have been tested under the condition occurring in the equipment, using applicable parts of IEC60950.</p>	P
	Dimension (mm) of main plug for direct plug-in:	No main plug used.	N
	Torque and pull test of main plug for direct plug-in; Torque (Nm), Pull (N):		N
1.5.3	Thermal controls	No thermal controls.	N
1.5.4	Transformers		N
1.5.5	Interconnecting cables		N
1.5.6	Capacitors in primary circuits		N
1.5.7	Double insulation or reinforced insulation bridged by components		N
1.5.7.1	General		N
1.5.7.2	Bridging capacitors	Not used.	N
1.5.7.3	Bridging resistors	Not used.	N
1.5.7.4	Accessible parts		N
1.5.8	Components in equipment for IT power distribution systems		N
1.5.9	Surge suppressors		N
1.5.9.1	General		N
1.5.9.2	Protection of VDRs		N
1.5.9.3	Bridging of functional insulation by a VDR		N
1.5.9.4	Bridging of basic insulation by a VDR		N
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR		N
1.6	POWER INTERFACE		P

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
1.6.1	AC power distribution systems		N
1.6.2	Input current	Transmitter unit : $\leq 0.036A$ Receiver unit: $\leq 0.015A$;	P
1.6.3	Voltage limit of hand-held equipment	Not exceed 250V.	P
1.6.4	Neutral conductor		N
1.7	MARKINGS AND INSTRUCTIONS		P
1.7.1	Power rating	Power rating marking is readily visible to operator. See below.	P
	-rated voltage or rated voltage range, in volts	Transmitter unit : DC3.0V Receiver unit: USB DC+5.0V	P
	-symbol for nature of supply, for d.c. only	==	P
	-rated frequency of rated frequency range, in hertz, unless the equipment is designed for d.c. only		N
	-rated current, in milliamperes or amperes	Transmitter unit : $\leq 0.036A$ Receiver unit: $\leq 0.015A$;	P
	-manufacturer's name or trade-mark of identification mark	Manufacturer's name: DynaPoint (Dong Guan) Inc.	P
	-manufacturer's model or type reference	H7AG5001	P
	-symbol (60417-1-IEC-5172), for class II equipment only	Class III equipment	N
	-certification mark	CE mark	P
1.7.2	Safety instructions	User's manual in English explains safety instructions, safe operation, installation, etc.	P
	- a warning that excessive sound pressure from earphones and headphones can cause hearing loss.		N
	-for permanently connected equipment, a readily accessible disconnect device shall be incorporated in the building installation wiring		N
	-for pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible		N
1.7.3	Marking of rated operating time, or rated operation time and resting time	The equipment is intended for continuous operation.	N
1.7.4	Method of voltage adjustment is fully described	No voltage setting/frequency setting.	N
1.7.5	Marking of maximum load be permitted to be connected shall be placed in the vicinity of the outlet	No standard power outlets are provided.	N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
1.7.6	Fuse identification		N
1.7.7	Wiring terminals		N
1.7.7.1	Right marking of protective and bonding terminals		N
1.7.7.2	Terminals for a.c. mains supply conductors		N
1.7.7.3	Terminals for d.c. mains supply conductors		N
1.7.8	Controls and indicators	See below.	P
1.7.8.1	Identification, location and marking		N
1.7.8.2	Colours		N
1.7.8.3	Symbols		N
1.7.8.4	Marking using figures		N
1.7.9	Insulation of multiple sources		N
1.7.10	IT power distribution systems		N
1.7.11	Thermostats and other regulating devices	Not used.	N
1.7.12	Language	English.	P
1.7.13	Durability	The label was rubbed with cloth soaked with water for 15s and then again for 15s with the cloth soaked with petroleum spirit. After test the label is legible without any damage. The marking on the label did not fade. There was no curling nor lifting of the label edge.	P
1.7.14	Removable parts	No hazard for removable parts.	P
1.7.15	Replaceable batteries	Transmitter unit: built-in 2x1.5Vdc AA size non-rechargeable replaceable batteries.	P
1.7.16	Operator access with a tool		N
1.7.17	Equipment for restricted access locations		N

2.	PROTECTION FROM HAZARDOUS		P
2.1	Protection from electric shock and energy hazards		P
2.1.1	Protection in operator access areas	All circuits are SELV and no energy hazards.	P
2.1.1.1	Access to energized parts		N
	Test by inspection		N
	Test with test finger		N
	Test with test probe		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
	Test with test pin		N
2.1.1.2	Battery compartments	Transmitter unit have a battery compartments.	P
2.1.1.3	Access to ELV wiring		N
	Working voltage (V); distance (mm) through insulation		N
2.1.1.4	Access to hazardous voltage circuit wiring		N
2.1.1.5	Energy hazards		N
2.1.1.6	Manual controls		N
2.1.1.7	Discharge of capacitors in equipment		N
	Time constant (s); measured voltage (V)		---
2.1.2	Protection in service access areas		N
2.1.3	Protection in restricted access location		N

2.2	SELV CIRCUITS		P
2.2.1	General requirements		P
2.2.2	Voltages under normal conditions	All accessible voltages are less than 42.4 Vp or 60 V dc and are classified as SELV.	P
2.2.3	Voltages under fault conditions	Not exceed 42.4 Vp or 60 V dc under fault condition.	P
2.2.3.1	Separation by double insulation or reinforced insulation(method 1)		N
2.2.3.2	Separation by earthed screen(method 2)		N
2.2.3.3	Protection by earthing of the SELV circuits to other circuit		N
2.2.4	Connection of SELV circuits to other circuits		N

2.3	TNV circuits		N
2.3.1	Limits		N
	Type of TNV circuits		---
2.3.2	Separation from other circuits and from accessible parts		N
	Insulation employed		---
2.3.3	Separation from hazardous voltage		N
	Insulation employed		N
2.3.4	Connection of TNV circuits to other circuits		N
	Insulation employed		N
2.3.5	Test for operating voltages generated externally		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
2.4	Limited current circuits		N
2.4.1	General requirements		N
2.4.2	Limit values		N
	Frequency (Hz)		---
	Measured current (mA)		---
	Measured voltage (V)		---
	Measured capacitance (μF)		---
2.4.3	Connection of limited current circuits to other circuits		N
2.5	Limited power source		N
	Inherently limited output		N
	Impedance limited output		N
	Overcurrent protective device limited output		N
	Regulating network limited output under normal operating and single fault condition		N
	Regulating network limited output under normal operating condition and overcurrent protective device limited output under single fault condition		N
	Output voltage (v);output current (A); apparent power (VA)		---
	Current rating of overcurrent protective device (A)		---
2.6	Provisions for earthing and bonding		N
2.6.1	Protective earthing		N
2.6.2	Functional earthing		N
2.6.3	Protective earthing and protective bonding conductors		N
2.6.3.1	General requirements		N
2.6.3.2	Size of protective earthing conductors		N
	Rated current (A); cross sectional area (mm ²), AWG		---
2.6.3.3	Size of protective bonding conductors		N
	Rated current (A); cross sectional area (mm ²), AWG		---
2.6.3.4	Rated current (A); type and nominal thread diameter (mm);		N
	Resistance (Ohm) of earthing conductor and their terminations; test current (A)		N
2.6.3.5	Colour of insulation		N
2.6.4	Terminals		N
2.6.4.1	General		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
2.6.4.2	Protective earthing and bonding terminals		N
	Rated current (A); type and nominal thread diameter (mm);		---
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors		N
2.6.5	Integrity of protective earthing		N
2.6.5.1	Interconnection of equipment		N
2.6.5.2	Components in protective earthing and protective bonding conductors		N
2.6.5.3	Disconnection of protective earth		N
2.6.5.4	Parts that can be removed by an operator		N
2.6.5.5	Parts removed during servicing		N
2.6.5.6	Corrosion resistance		N
2.6.5.7	Screws for protective bonding		N
2.6.5.8	Reliance on telecommunication network or cable distribution system		N

2.7	Overcurrent and earth fault protection in primary circuits		N
2.7.1	Basic requirements		N
	Instructions when protection relies on building installation		N
2.7.2	Faults not covered in 5.3		N
2.7.3	Short-circuit backup protection		N
2.7.4	Number and location of protective devices		N
2.7.5	Protection by several devices		N
2.7.6	Warning to service persons		N

2.8	Safety interlocks		N
2.8.1	General principles		N
2.8.2	Protection requirements		N
2.8.3	Inadvertent reactivation		N
2.8.4	Fall-safe operation		N
2.8.5	Moving parts		N
2.8.6	Overriding		N
2.8.7	Switches and relays		N
2.8.7.1	Contact gaps		N
2.8.7.2	Overload test		N
2.8.7.3	Endurance test		N
2.8.7.4	Electric strength test		N

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Clause	Requirement – Test	Result - Remark	Verdict
2.8.8	Mechanical actuators		N
2.9	Electrical insulation		P
2.9.1	Properties of insulation materials	Neither natural rubber, materials containing asbestos nor hygroscopic materials are used as insulation. No driving belts or couplings used.	P
2.9.2	Humidity conditioning		N
2.9.3	Requirements of insulation	Insulation complies with heating test, electric strength, creepage and clearance requirements. See appended table 4.5, 5.2	P

2.10	Clearances, creepage distances and distances through insulation		N
2.10.1	General		N
2.10.2	Determination of working voltage		N
2.10.3	Clearance		N
2.10.3.1	General		N
2.10.3.2	Clearance in primary circuits		N
2.10.3.3	Clearances in secondary circuits		N
2.10.3.4	Measurement of transient voltage levels		N
2.10.4	Creepage distance		N
	CTI tests		---
2.10.5	Solid insulation		N
2.10.5.1	Minimum distance through insulation		N
2.10.5.2	Thin sheet material		N
	Number of layers (pcs)		---
	Electric strength test		---
2.10.5.3	Printed boards		N
	Distance through insulation		N
	Electric strength test for thin sheet insulation material		---
	Number of layers (pcs).....		N
2.10.5.4	Wound components		N
	Number of layers		N
	Two wires in contact in side component; angle between 45° and 90°		N
2.10.6	Coated printed boards		N
2.10.6.1	General		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
2.10.6.2	Sample preparation and preliminary inspection		N
2.10.6.3	Thermal cycling		N
2.10.6.4	Thermal ageing		N
2.10.6.5	Electric strength test		N
2.10.6.6	Abrasion resistance test		N
	Electric strength test		---
2.10.7	Enclosed and sealed parts		N
	Temperature $T_1 = T_2 + T_{ma} - T_{amb} + 10K$		N
2.10.8	Spacings filled by insulating compound		N
	Electric strength		N
2.10.9	Comonent external terminations		N
2.10.10	Insultion with waring dimensions		N

3	WIRING, CONNECTIONS AND SUPPLY		P
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3.1	General		P
3.1.1	Current rating and overcurrent protection		N
3.1.2	Protection against mechanical damage	Smooth wireway and free from edges.	P
3.1.3	Securing of internal wiring		P
3.1.4	Insulation of conductors		N
3.1.5	Beads and ceramic insulators		N
3.1.6	Screws for electrical contact pressure	No screws for electric contact.	N
3.1.7	Insulation materials in electrical connections		N
3.1.8	Self-tapping and spaced thread screws		N
3.1.9	Termination of conductors		N
3.1.10	Sleeving on wiring	No sleeving on wiring.	N

3.2	Connection to an a.c. mains supply or a d.c. mains supply		N
3.2.1	Means of connection		N
3.2.1.1	Connection to an a.c. mains supply		N
3.2.1.2	Connection to a d.c. mains supply		N
3.2.2	Multiple supply connections		N
3.2.3	Permanently connected equipment		N
	Number of conductors, diameter (mm) of cable and conduits		---
3.2.4	Appliance inlets		N

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Clause	Requirement – Test	Result - Remark	Verdict
3.2.5	Power supply cords		N
	Type		---
	Rated current (A); cross-sectional area (mm ²), AWG		---
3.2.6	Cord anchorages and strain relief		N
	Mass of the equipment (kg); pull (N)		---
	Longitudinal displacement (mm)		---
3.2.7	Protection against mechanical damage		N
3.2.8	Cord guards		N
	D (mm); test mass (g)		---
	Radius of curvature of cord (mm)		---
3.2.9	Supply wiring space		N

3.3	Wiring terminals for connection of external conductors		N
3.3.1	Wiring terminals		N
3.3.2	Connection of non-detachable power supply cords		N
3.3.3	Screw terminals		N
3.3.4	Rated current (A), cord/cable type, cross-sectional area (mm ²)		N
3.3.5	Rated current (A), type and nominal thread diameter (mm)		N
3.3.6	Wiring terminal design		N
3.3.7	Grouping of wiring terminals		N
3.3.8	Stranded wire		N

3.4	Disconnection from the mains supply		N
3.4.1	General requirement		N
3.4.2	Disconnect devices		N
3.4.3	Permanently connected equipment		N
3.4.4	Parts which remain energized		N
3.4.5	Switches in flexible cords		N
3.4.6	Single-phase and d.c. equipment		N
3.4.7	Three-phase equipment		N
3.4.8	Switches as disconnect devices		N
3.4.9	Plugs as disconnect devices		N
3.4.10	Interconnected equipment		N
3.4.11	Multiple power sources		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
3.5	Interconnection of equipment		N
3.5.1	General requirements		N
3.5.2	Types of interconnection circuits		N
3.5.3	ELV circuits as interconnection circuits		N
4	PHYSICAL REQUIREMENTS		P
4.1	Stability		N
	Angle of 10°		N
	Test: force (N).....		N
4.2	Mechanical strength		P
4.2.1	General		P
4.2.2	Steady force test, 10N		P
4.2.3	Steady force test, 30N		N
4.2.4	Steady force test, 250N		N
4.2.5	Impact test		N
4.2.6	Drop test	1.0m,three times no hazard.	P
4.2.7	Stress relief test		N
4.2.8	Cathode ray tubes		N
	Picture tube separately certified		N
4.2.9	High pressure lamps		N
4.2.10	Wall or ceiling mounted equipment; force (N)		N
4.3.	Design and construction		P
4.3.1	Edges and corners	All edges and corners are rounded or smoothed.	P
4.3.2	Handles and manual controls; force (N)		N
4.3.3	Adjustable controls		N
4.3.4	Securing of parts		N
4.3.5	Connection of plugs and sockets		N
4.3.6	Direct plug-in equipment		N
	Torque; (Nm)		---
4.3.7	Heating elements in earthed equipment		N
4.3.8	Batteries	Transmitter unit used 2x1.5Vdc AA size non-rechagable batteries.	P

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
4.3.9	Oil and grease		N
4.3.10	Dust, powders, liquids and gases		N
4.3.11	Containers for liquids or gases		N
4.3.12	Flammable liquids		N
	Quantity of liquid (l)		---
	Flash point (°C)		---
4.3.13	Radiation, type of radiation		N
	Equipment using lasers		N
4.4	Protection against hazardous moving parts		N
4.4.1	General	No hazard moving parts.	N
4.4.2	Protection in operator access areas		N
4.4.3	Protection in restricted access locations		N
4.4.4	Protection in service access areas		N
4.5	Thermal requirements		P
4.5.1	Temperatures rises	(See appended table 4.5)	P
	Normal load condition per Annex L		P
4.5.2	Resistance to abnormal heat		N
4.6	Openings in enclosures		N
4.6.1	Top and side openings		N
	Dimension		---
4.6.2	Bottoms of fire enclosures		N
	Construction of the bottom		---
4.6.3	Doors of covers in fire enclosures		N
4.6.4	Openings in transportable equipment		N
4.6.5	Adhesives for constructional purposes		N
	Conditioning of temperature/time		N
4.7	Resistance to fire		P
4.7.1	Reducing the risk of ignition and spread of flame		P
4.7.2	Conditions for a fire enclosure		P
4.7.2.1	Parts requiring a fire enclosure		P
4.7.2.2	Parts not requiring a fire enclosure		P
4.7.3	Materials		P
4.7.3.1	General		P

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
4.7.3.2	Materials for fire enclosures		P
4.7.3.3	Materials for components and other parts outside fire enclosures		N
4.7.3.4	Materials for components and other parts inside fire enclosures		P
4.7.3.5	Materials for air filter assemblies		N
4.7.3.6	Materials used in high-voltage components		N

5	ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS		P
---	--	--	---

5.1	Touch current and protective conductor current		N
5.1.1	General		N
5.1.2	Equipment under test		N
5.1.3	Test circuit		N
5.1.4	Application of measuring instrument		N
5.1.5	Test procedure		N
5.1.6	Test measurements		N
	Test voltage		---
	Measured current(mA)		---
	Max. Allowed current (mA)		---
5.1.7	Equipment with touch current exceeding 3.5mA		N
5.1.8	Touch currents to telecommunication networks and cabl distribution systems and from telecommunication networks		N
5.1.8.1	Limitation of the touch currents to telecommunication networks and cabl distribution systems and from telecommunication networks		N
	Test voltage		---
	Measured current(mA)		---
	Max. Allowed current (mA)		---
5.1.8.2	Summation of touch currents from telecommunication network		N

5.2	Electric strength		P
5.2.1	General		P
5.2.2	Test procedure	(See Appended table 5.2).	P

5.3	Abnormal operating and fault conditions		N
5.3.1	Protection against overload and abnormal operation		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
5.3.2	Motors		N
5.3.3	Transformers		N
5.3.4	Functional insulation		N
5.3.5	Electromechanical components		N
5.3.6	Simulation of faults		N
5.3.7	Unattended equipment		N
5.3.8	Compliance criteria for abnormal operating and fault conditions		N

6	CONNECTION TO TELECOMMUNICATION NETWORKS		N
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment		N
6.1.1	Protection from hazardous voltages		N
6.1.2	Separation of the telecommunication network from earth		---
6.1.2.1	Requirements		N
	Test voltage (V)		---
	Current in test circuit (mA)		---
6.1.2.2	Exclusions		N
6.2	Protection of equipment users from over voltages on telecommunication networks		N
6.2.1	Separation requirements		N
6.2.2	Electric strength test procedure		N
6.2.2.1	Impulse test		N
6.2.2.2	Steady-state test		N
6.2.2.3	Compliance criteria		N
6.3	Protection of the telecommunication wiring system from overheating		N
	Max. output current (A)		---
	Current limiting method		---

7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS		N
7.1	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltage in the equipment		N
7.2	Protection of equipment users from overvoltage on the cable distribution system		N
7.3	Insulation between primary circuits and cable distribution systems		N
7.3.1	General		N
7.3.2	Voltage surge test		N

EN 60950-1			
Clause	Requirement – Test	Result - Remark	Verdict
	Surge test voltage (V)/test time (s)		---
	Electric test voltage (V)		---
7.3.3	Imulse test		N
	Test voltage (V)/time (s)		---
	Electric test voltage (V)		---

A	ANNEX A, TEST FOR RESITANCE TO HEAT AND FIRE		N
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A.1	Flammability test for fire enclosures of movable equipment havin a total mass exceed		N
A.1.1	Samples, materials		---
	Wall thickness		---
A.1.2	Conditioning of samples		N
A.1.3	Mounting of samples		N
A.1.4	Test flame		N
A.1.5	Test procedure		N
A.1.6	Comliance criteria		N
	Sample 1 burning times		---
	Sample 2 burning times		---
	Sample 3 burning times		---

A.2	Flammability test for fire enclosures of movable equipment having a total mass not exceeding 18kg, and for material and components located inside fire enclosure (see 4.7.3.2 and 4.7.3.4)		N
A.2.1	Samples, materials		N
	Wall thickness		N
A.2.2	Conditioning of samples		N
A.2.3	Mounting of samples		N

A.2.4	Test flame		N
A.2.5	Test procedure		N
A.2.6	Comliance criteria		N
	Sample 1 burning times		---
	Sample 2 burning times		---
	Sample 3 burning times		---
A.2.7	Alternative test acc. to IEC60695-2-2 cl. 4 and 8		N
	Sample 1 burning times		---
	Sample 2 burning times		---

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Clause	Requirement – Test	Result - Remark	Verdict
	Sample 3 burning times		---
A.3	Hot flaming oil test(see 4.6.2)		N
B	annex b motor tests under abnormal conditions		N
B.1	General requirements		N
	Position		---
	Manufacturer		---
	Type		---
	Rated values		---
B.2	Test conditions		N
B.3	Maximum temperatures		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 d.c.motors in secondary circuits		N
B.7	Locked-rotor overload test for d.c. motors in secondary circuits		N
B.7.1	Test procedure		N
B.7.2	Alternative test procedure, test time (h)		N
B.7.3	Electric strength test		N
B.8	Test for motors with capacitors		N
B.9	Test for three-phase motors		N
B.10	Test for series motors		N
	Opening voltage (V)		N
C	annex c transformer		N
	Position		N
	Manufacturer		N
	Type		N
	Rated values		N
	Method of protection		N
C.1	Overload test		N
C.2	Insulation		N

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Clause	Requirement – Test	Result - Remark	Verdict

	Protection from displacement of windings		N
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G	ANNEX G. ANTENATIVE METHOD FOR DETERMINING MINIMUM CLEARANCES		N
G.1	Summary of the procedure for determining minimum clearances		N
G.2	Determination of mains transient voltage (V).....		N
G.3	Determination of telecommunication network transient voltage(V).....		N
G.4	Determination of required withstand voltage(V).....		N
G.5	Measurement of transient voltage levels (V).....		N
G.6	Determination of minimum clearances.....		N

H	ANNEX H. IONIZING RADIATION (see 4.3.13)		N
	Ionizing radiation		N
	Measured radiation (mR/h)		---
	Measured high-voltage (kV)		---
	Measured focus voltage (kV)		---
	CRT markings		---

J	ANNEX J. TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)		N
	Metal used.....		---
K	ANNEX K. THERMAL CONTROLS (see 1.5.3 and 5.3.7)		N
K.1	Making and breaking capacity		N
K.2	Thermostat reliability; operating voltage (V).....		N
K.3	Thermostat endurance test; operating voltage (V)..		N
K.4	Temperature limiter endurance; operating voltage (V).....		N
K.5	Thermal cut-out reliability		N
K.6	Stability of operation		N
M	ANNEX M, CRITERIA FOR TELEPHONE RINGING SIGNALS		N
M.1	Instruction		N
M.2	Method A		N
M.3	Method B		N
M.3.1	Ringing signal		N
M.3.1.1	Frequency (Hz).....		---
M.3.1.2	Voltage (V).....		---

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Clause	Requirement – Test	Result - Remark	Verdict
M.3.1.3	Cadence; time (s); voltage (V).....		---
M.3.1.4	Single fault current (A).....		---
M.3.2	Tripping device and monitoring voltage.....		N
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage		N
M.3.2.2	Tripping device		N
M.3.2.3	Monitoring voltage.....		N
U	ANNEX U, INSULATED WINDING WIRES FOR USE WITHOUT INTERLEAVED INSULATION		N
	Separate test report		N

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Clause	Requirement – Test	Result - Remark	Verdict

1.5.1	Table: list of critical component			P
Object /Part No	Manufacturer/ Trade Mark	Type/ Model	Technical data	File No./Licence No.
P.W.B	Various	Various	V-1 or above, Min. 105 °C	UL
Enclosure	Various	Various	HB or above	UL

1.6.2	Table: Electrical data (in normal conditions)					P
Fuse#	I rated (mA)	U (V)	P (W)	I (mA)	I (fuse mA)	Condition /status
Transmitter	36	DC 3.0V	0.062	20.8	---	Maximum Normal Operation
Receiver	15	DC 5.0V	0.048	9.6	---	Maximum Normal Operation
Supplementary information:						

2.10.3 and 2.10.4	Table: clearances and creepage distance measurements					N
Clearances cl and creepage distance dcr at/of	Up (V)	Ur.m.s (V)	required cl (mm)	cl (mm)	required dcr (mm)	dcr (mm)
Supplementary information:						

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Clause	Requirement – Test	Result - Remark	Verdict

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2.10.5	Table: distance through insulation measurements			N
Distances through insulation di at/of	U r.m.s (V)	test voltage (V)	required di(mm)	di (mm)
Supplementary information:				

4.3.8	Table: Rechargeable battery			N
Battery Position.		Rated Max Charging Current(mA)	Test Charging Current(mA)	Result
Supple mentary information:				

4.5.1	Table: temperature rise measurements		P
	Test voltage(V).....	Transmitter unit:DC3.0V /Receiver unit: DC5V	---
	t1(°C).....	25.4	---
	t2(°C).....	23.8	---
Temperature of part/at:		T(°C) condition A	Required (Tmax+Tamb- Tma)°C
Ambient		23.8	---
U4 of receiver		26.5	Ref.
PWB of receiver		26.1	88.8
Enclosure of receiver		25.8	58.8
U3 of transmitter		26.0	Ref.
PWB of transmitter		25.7	88.8
Enclosure of transmitter		24.3	58.8
Supplementary information: Tma is 40°C in user manual. A:normal condition			

4.5.2	Table: ball pressure test of thermoplastic			N
	Allowed impression diameter (mm):.....	2mm		
part		Test temperature	d impression diameter (mm)	
Supplementary information:				

5.2	Table:electric strength tests and impulse tests			P
test voltage applied between	test voltage (V)	breakdown (Yes/No)		

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Clause	Requirement – Test	Result - Remark	Verdict			
	DC input to Enclosure transmitter unit	707VDC	No			
	DC input to Enclosure receiver unit	707VDC	No			
Supplementary information:						
5.3	Table: fault condition test		N			
ambient temperature (°C).....:			---			
model/type of power supply.....:			---			
manufacturer of power supply.....:			---			
rated markings of power supply.....:			---			
Component no.	Fault	Test voltage	Test time	Fuse no.	Input current (mA)	Result

Supplementary information:

NHT: No High Temperature; NCD: No Component Damage;NFG no flamability gas.

A. 6.5	Table: flammability test for classifying material V-0,V-1or V-2					N
sample No./ref.	afterflame time (s) t ₁ or t ₂		Afterflame +afterglow (s) after 2nd flame application t ₂ +t ₃			
Supplementary information:						

A.6.6	Table: flammability re-test for classifying material V-0,V-1or V-2				N
sample No./ref.	afterflame time (s) t ₁ or t ₂		Afterflame +afterglow (s) after 2nd flame application t ₂ +t ₃		
Supplementary information:					

A.7.4 A.7.5 A.7.6 and A.7.7	Table: flammability test for classifying foam material HF-0,HF1or HBF				N
sample No./ref.	flame time (s)	glow time (s)	flaming /glowing distance from the end (mm)	comment	
Supplementary information:					

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Clause	Requirement – Test	Result - Remark	Verdict

A.7.8	Table: flammability re-test for classifying foam material HF-0,HF-1			N
sample No.	flame time (s)	glow time (s)	flaming /glowing distance from the end (mm)	comment
Supplementary information:				

A.7.9	Table: flammability re-test for classifying foam material HBF			N
sample No.	flame time (s)	glow time (s)	flaming /glowing distance from the end (mm)	comment
Supplementary information:				

A. 8.5	Table: flammability test for classifying materials HB		N
sample No..	flaming/glowing rate mm/min	flaming/glowing distance from reference mark (mm)	
Supplementary information:			

A.9.6	Table: flammability test for classifying material 5V				N
sample	test bars		test plaques		
No.	flaming+glowing time (s)	burning distance (mm)	position	flaming +glowing time (s)	burning distance (mm)
Supplementary information:					

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Clause	Requirement – Test	Result - Remark	Verdict

Appendix A - EUT Photos

A.1 EUT photo-Whole View 1 of Unit



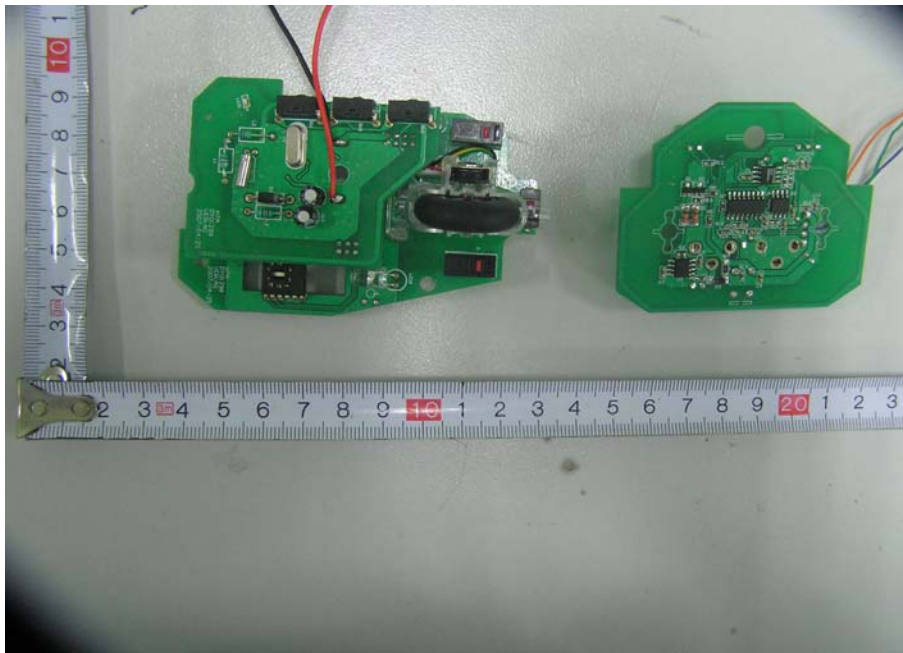
A.2 EUT photo- Whole View 2 of Unit



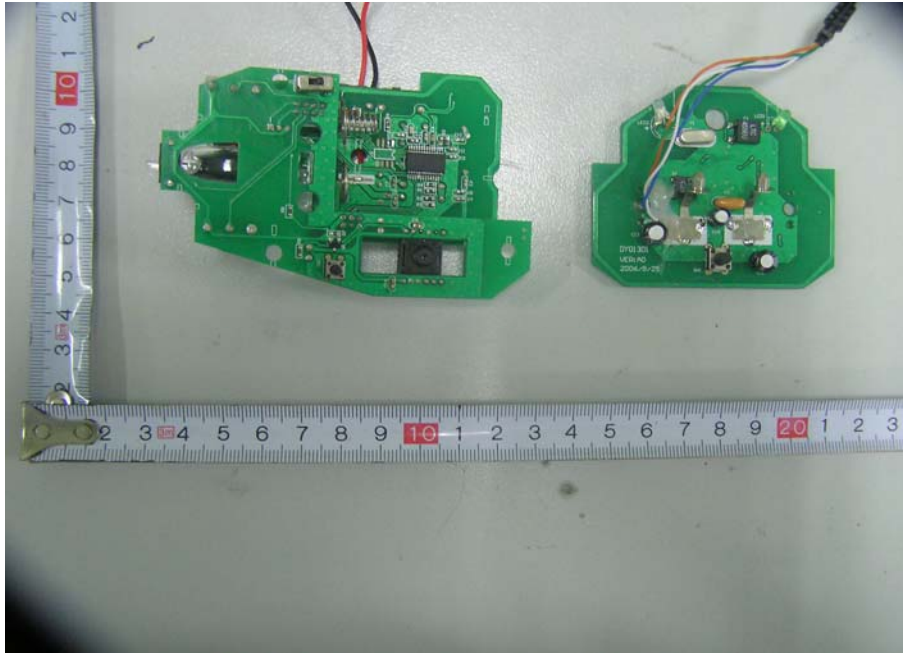
A.3 EUT photo-Inside View of Unit



A.4 EUT photo- PCB View 1 of unit



A.5 EUT photo- PCB view 2 of unit



APPENDIX B – USER’S MANUAL

APPENDIX C– CIRCUIT SCHEMATICS

APPENDIX D -TEST EQUIPMENTS LIST