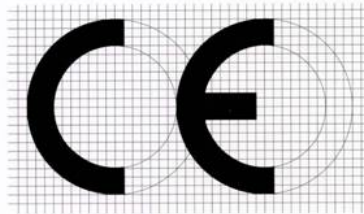


LVD TEST REPORT

For

DVD PLAYER

Model Number : DVP751HD, See model list



Prepared for : SO GOOD INTERNATIONAL TRADING LIMITED
ROOM 823, 8/F, YALE IND. CENTRE, 61-63 ALL
PUI WAN ST. FO TAN, SHATIN, HONGKONG

Prepared By : Shenzhen Toby Technology Co., Ltd.
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TEL : 0086-18925263335

Report Number : **TB-LVD112043**
Date of Test : Sep. 12-15, 2011
Date of Report : Sep. 16-20, 2011

CERTIFICATION

APPLICANT	:	SO GOOD INTERNATIONAL TRADING LIMITED
ADDRESS	:	ROOM 823, 8/F, YALE IND. CENTRE, 61-63 ALL PUI WAN ST. FO TAN, SHATIN, HONGKONG
FACTORY	:	DAHUA ELECTRONIC (SHENZHEN) CO.,LTD.
ADDRESS	:	SANWEI VILLAGE, AVIATION ROAD, XIXIANG, BAO'AN, SHENZHEN, CHINA
PRODUCT	:	DVD PLAYER
MODELS	:	See model list

Test Standards

EN 60065:2002+A11:2008
Audio, Video and Similar Electronic Apparatus:
Safety Requirements

This report shows that the product technically complies with the Council LVD **73/23/EEC** as amended by EEC Directive **2006/95/EC** requirements.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Reported by : Peter Zhu Date : Sep. 20, 2011
(Peter Zhu)

Checked by : Ethan Chen Date : Sep. 21, 2011
(Ethan Chen)

Approved by :  Date : Sep. 21, 2011
(Justin Zhang)

EN 60065:2002+A11:2008
Audio, Video and Similar Electronic Apparatus:
Safety Requirements

Testing laboratory.....	: Shenzhen Toby Technology Co., Ltd.
Address.....	: 10/F., A Block, Jiada R & D Bldg., No.5 Songpingshan Road, Science & Technology Park, Nanshan District, Shenzhen, China
Testing location.....	: Shenzhen Toby Technology Co., Ltd.
Applicant.....	: SO GOOD INTERNATIONAL TRADING LIMITED
Address.....	: ROOM 823, 8/F, YALE IND. CENTRE, 61-63 ALL PUI WAN ST. FO TAN, SHATIN, HONGKONG
Standard.....	: EN 60065:2002+A11:2008
Test result.....	: Compliance with the requirements.
Procedure deviation.....	: N.A.
Non-standard test method.....	: N.A.
Trademark.....	: BBK
Type of test object.....	: DVD Player
Models/Type reference.....	: See model list
Rating.....	: AC110-240V 50/60Hz 15W
Factory.....	: DAHUA ELECTRONIC (SHENZHEN) CO.,LTD.
Address.....	: SANWEI VILLAGE, AVIATION ROAD, XIXIANG, BAO'AN, SHENZHEN, CHINA

Particulars: test item vs. test requirements

Equipment mobility.....	: Portable Equipment
Connection to the mains.....	: Fixed power cord
Operating condition.....	: Continuous operation
Pollution degree.....	: PD2
Mains supply tolerance (%).....	: 110Vac(-10%), 250Vac(+10%)
Class of appliance.....	: Class II
Protection against ingress of water.....	: IPX0

Test case verdicts:

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

General product information:

All test in ambient temperature and humidity : (25±5)°C, (50-60)%RH.

General remarks:

- 1.“ (see remark #) ”refers to a remark appended to the report.
2. Throughout this report a point is used as the decimal separator.
3. The test results presented in this report relate only to the object tested.
4. All models are identical in structure, schematic circuit and critical components except for different model number. Therefore, all testing were performed with DVP751HD.
5. This report shall not be reproduced except in full without the written approval of the Shenzhen TOBY.
6. If client has any objection to the testing results, please advise us within 15 working days after publish, otherwise claims will not be accepted.

Artwork of Marking Label



Remark: the model number maybe: DVP751HD, DVP752HD, DVP753HD, DVP754HD, DVP755HD, DVP756HD, DVP758HD, DVP759HD, DVP156SI, DVP157SI, DVP158SI, DVP159SI, DVP253SI, DVP254SI, DVP255SI, DVP256SI, DVP257SI, DVP258SI, DVP259SI, DVP455SI, DVP456SI, DVP457SI, DVP458SI, DVP459SI, DVP853X, DVP854X, DVP855X, DVP856X, DVP857X, DVP858X, DVP859X, DV116SI, DV117SI, DV118SI, DV119SI.

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
3	GENERAL REQUIREMENTS		P
	Safety class of the apparatus	Class II	P
4	GENERAL CONDITIONS OF TESTS		P
4.1.4	Ventilation instructions require the use of the test box		P
5	MARKING		P
	Comprehensible and easily discernible		P
	Permanent durability against water and petroleum spirit		P
5.1	Identification, maker, model	See the marking	P
	Class II symbol if applicable		P
	Rated supply voltage and symbol	110-250V~	P
	Frequency if safety dependant	50/60Hz	P
	Rated current or power consumption	Max.14W	P
5.2	Earth terminal		N
	Hazardous live terminals		N
	Supply output terminals (other than mains)		P
5.3	Use of triangle with exclamation mark	Used in circuit diagram	P
5.4	Instructions for use	English	P
5.4.1	Mains powered equipment not exposed to dripping or splashing. Warning concerning objects filled with liquid, etc.		P
	Hazardous live terminals, instructions for wiring		N
	Instructions for replacing lithium battery		N
	Instructions for modem if fitted		N
	Class I earth connection warning		N
	Instructions for multimedia system connection		N
	Special stability warning for fixed installation		N
5.4.2	Disconnect device: plug/coupler or all-pole mains switch location, accessibility and markings		P
	Instructions for permanently connected equipment		N
6	HAZARDOUS RADIATION		N
6.1	Ionizing radiation < 36 pA/kg (0,5 mR/h)		N
6.1 EN 60065	European Council Directive 96/29/Euratom of 13 May 1996 10cm from outer surface of apparatus <1μSv/h (0,1mR/h)		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict

6.2	Laser radiation, emission limits to IEC 60825-1:		N
	Emission limits under fault conditions:		N

7	HEATING UNDER NORMAL OPERATING CONDITIONS		P
7.1	Temperature rises not exceeding specified values, no operation of fuse links		P
7.1.1	Temperature rise of accessible parts		P
7.1.2	Temperature rise of parts providing electrical insulation		P
7.1.3	Temperature rise of parts acting as a support or as a mechanical barrier		P
7.1.4	Temperature rise of windings		P
7.1.5	Parts not subject to a limit under 7.1.1 to 7.1.4		P
7.2	Softening temperature of insulating material supporting parts conductively connected to the mains carrying a current > 0,2 A at least 150 °C		N

8	CONSTRUCTIONAL REQUIREMENTS WITH REGARD TO THE PROTECTION AGAINST ELECTRIC SHOCK		P
8.1	Conductive parts covered by lacquer, paper, untreated textile oxide films and beads etc. considered to be bare	Not used	N
8.2	No shock hazard when changing voltage setting device, fuse-links or handling drawers etc.		P
8.3	Insulation of hazardous live parts not provided by hygroscopic material	Not used	N
8.4	No risk of electric shock following the removal of a cover which can be removed by hand	No such cover	N
8.5	Class I equipment		N
	Basic insulation between hazardous live parts and earthed accessible parts		P
	Resistors bridging basic insulation complying with 14.2.1 a)	No such resistors	N
8.6	Class II equipment and Class II constructions within Class I equipment		P
	Reinforced or double insulation between hazardous live parts and accessible parts		P
	Components bridging reinforced or double insulation complying with 14.1 a) or 14.3	See 14.3	P
	Basic and supplementary insulation each being bridged by a capacitor complying with 14.2.1 a)		P
	Reinforced or double insulation being bridged with 2 capacitors in series complying with 14.2.1 a)		P

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
	Reinforced or double insulation being bridged with a single capacitor complying with 14.2.1 b)		N
	Basic insulation bridged by components complying with 14.3.4.3		N
8.7	Basic insulation between parts at 35 V to 71 V (peak) a.c. or 60 V to 120 V d.c. and accessible parts		P
	Reinforced or double insulation between circuits operating at voltages between 35 V and 71 V (peak) a.c. or between 60 V and 120 V d.c. and hazardous live parts at higher voltage		P
	Separation by Class II isolating transformer		P
	Separation by Class I transformer		N
	Separation by earthed conductive part		N
8.8	Basic or supplementary insulation > 0,4 mm (mm)		P
	Reinforced insulation > 0,4 mm (mm)		N
	Thin sheet insulation	Inside mains transformer	P
	Basic or supplementary insulation, at least two layers, each meeting 10.3		N
	Basic or supplementary insulation, three layers any two of which meet 10.3		N
	Reinforced insulation, two layers each of which meet 10.3		N
	Reinforced insulation, three layers any two which meet 10.3		N
8.9	Adequate insulation between internal hazardous live conductors and accessible parts		P
	Adequate insulation between internal hazardous live parts and conductors connected to accessible parts		P
8.10	Double insulation between conductors connected to the mains and accessible parts		N
8.11	Detaching of wires		P
	No undue reduction of creepages or clearance distances if wires become detached		P
	Vibration test carried out	Yes	P
8.12	Adequate cross-sectional area of internal wiring to mains socket-outlets		P
8.13	Adequate fastening of windows, lenses, lamp covers etc. (pull test 20 N for 10 s)		N
8.14	Adequate fastening of covers (pull test 50 N for 10 s)		P

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
8.15	No risk of damage to the insulation of internal wiring due to hot parts or sharp edges		P
8.16	Only special supply equipment can be used		N
8.17	Insulated winding wire without additional interleaved insulation		N
8.18	Endurance test as required by 8.17		N
8.19	Disconnection from the mains		P
8.19.1	Disconnect device		P
	All-pole switch or circuit breaker with >3mm contact separation		N
8.19.2	Mains switch ON indication		P
8.20	Switch not fitted in the mains cord		P
8.21	Bridging components comply with clause 14		N

9	ELECTRIC SHOCK HAZARD UNDER NORMAL OPERATING CONDITIONS		P
9.1	Testing on the outside		P
9.1.1	For voltages >1000 V ac or >1500 V dc complies with clause 13.3.1 for basic insulation	No such voltages	N
9.1.1.1	Touch current measured from terminal devices using the network in annex D		P
	Discharge not exceeding 45 μ C		N
	Energy of discharge not exceeding 350 mJ		N
9.1.1.2	Test with test finger and test probe		P
9.1.2	No hazardous live shafts of knobs, handles or levers	No	P
9.1.3	Ventilation holes tested by means of 4 mm x 100 mm test pin	No hazards	P
9.1.4	Terminal devices tested with 1 mm x 20 mm test pin (10 N); test probe D of IEC 61032	No hazards	P
	Terminal devices tested with 1 mm x 100 mm straight wire (1 N); test probe D of IEC 61032	No hazards	P
9.1.5	Pre-set controls tested with 2 mm x 100 mm test pin (10 N); test probe C of IEC 61032		N
9.1.6	No shock hazard due to stored charge on withdrawal of the mains plug; voltage (V) after 2 s :		P
	If C is not greater than 0,1 μ F no test needed		N
9.1.7	Enclosure sufficiently resistant to external force		P
	Test probe 11 of IEC 61032 for 10 s (50 N)		P
	Test hook of fig. 4 for 10 s (20 N)		P
	30 mm diameter test tool for 5 s (100 or 250 N)		P

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict

9.2	No hazard after removing a cover by hand	No such cover	N
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10	INSULATION REQUIREMENTS		P
10.1	Insulation resistance (MΩ) at least 2 MΩ min. after surge test for basic and 4 MΩ min. for reinforced insulation		P
10.2	Humidity treatment 48 h or 120 h	At 30°C 93% RH 120 hrs	P
10.3	Insulation resistance and dielectric strength	(see appended table)	P

11	FAULT CONDITIONS		P
11.1	No shock hazard under fault condition		P
11.2	Heating under fault condition		P
	No hazard from softening solder		N
11.2.1	Measurement of temperature rises		P
11.2.2	Temperature rise of accessible parts	(see appended table)	P
11.2.3	Temperature rise of parts, other than windings, providing electrical insulation	(see appended table)	P
	Temperature rise of printed circuit boards (PCB) exceeding the limits of table 3 by max. 100 K for max. 5 min		P
	a) Temperature rise of printed circuit boards (PCB) to 20.1.3, exceeding the limits of table 3 by not more than 100 K for an area not greater than 2 cm ²		N
	b) Temperature rise of printed circuit boards (PCB) to 20.1.3 up to 300 K for an area not greater than 2 cm ² for a maximum of 5 min		N
	Meets all the special conditions if conductors on printed circuit boards are interrupted		N
	Class I protective earthing maintained		N
11.2.4	Temperature rise of parts acting as a support or mechanical barrier		P
11.2.5	Temperature rise of windings	(see appended table)	P
11.2.6	Temperature rise of parts not subject to the limits of 11.2.1 to 11.2.5	(see appended table)	N

EN60065:2002

Clause	Requirement - Test	Result - Remark	Verdict
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12	MECHANICAL STRENGTH		P
12.1.1	Bump test where mass >7 kg		N
12.1.2	Vibration test		P
12.1.3	Impact hammer test	No damaged	P
	Steel ball test	No damaged	P
12.1.4	Drop test for portable apparatus where mass < 7 kg		P
12.1.5	Thermoplastic enclosures strain relief test		N
12.2	Fixing of knobs, push buttons, keys and levers		P
12.3	Remote controls with hazardous live parts		N
12.4	Drawers (pull test 50 N, 10 s)		N
12.5	Antenna coaxial sockets providing isolation		N
12.6	Telescoping or rod antennas construction		N
12.6.1	Telescoping or rod antennas securement		N

13	CLEARANCE AND CREEPAGE DISTANCES	See 13.3	P
13.1	Clearances in accordance with 13.3	See 13.4	P
	Creepage distances in accordance with 13.4		P
13.2	Determination of operating voltage	See below	P
13.3	Clearances		P
13.3.2	Circuits conductively connected to the mains comply with table 8 and, where applicable, table 9		P
13.3.3	Circuits not conductively connected to the mains comply with table 10		N
13.4	Creepage distances		P
	Creepage distances greater than table 11 minima		P
13.5	Printed boards		N
13.5.1	Clearances and creepage distances between conductors on printed circuit boards, one of which may be conductively connected to the mains, as in fig. 10		P
13.5.2	Type B coated printed circuit boards complying with IEC 60664-3 (basic insulation only)		P
13.6	Conductive parts along uncemented joints clearances and creepage distances comply with 13.3 and 13.4		N
	Conductive parts along reliably cemented joints comply with 8.8		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
13.7	Enclosed, enveloped or hermetically sealed parts: not conductively connected to the mains: clearances and creepage distances as in table 12		N
13.8	Parts filled with insulating compound, meeting the requirements of 8.8		N
14	COMPONENTS		P
14.1	Resistors		N
	a) Resistors between hazardous live parts and accessible metal parts		N
	b) Resistors, other than between hazardous live parts and accessible parts		N
	b) Resistors separately approved		N
14.2	Capacitors and RC units		P
	Capacitors separately approved	See appended table	P
14.2.1	Y capacitors tested to IEC 60384-14, 2 nd edition ...:		N
14.2.2	X capacitors tested to IEC 60384-14, 2 nd edition ...:		N
14.2.3	Capacitors operating at mains frequency but not connected to the mains: tests for X2		N
14.2.5	Capacitors with volume exceeding 1750 mm ³ , where short-circuit current exceeds 0,2 A: compliance with IEC60384-1, 4.38 category B or better		N
	Capacitors with volume exceeding 1750 mm ³ , mounted closer to a potential ignition source than table 5 permits: compliance with IEC 60 384-1, 4.38 category B or better		N
	Shielded by a barrier to V-0 or metal		N
14.3	Inductors and windings		P
	Comply with IEC 61558-1, IEC 61558-2 (as relevant) and clause 20.1.4		N
14.3.1	Transformers and inductors marked with manufacturer's name and type	See list of critical component	P
	Transformers and inductors separately approved ..		N
14.3.2	General		P
14.3.3	Constructional requirements		P
14.3.3.1	Clearances and creepage distances comply with clause 13		P
14.3.3.2	Transformers meet the constructional requirements		P
14.3.4.1	Class II transformers have adequate separation between hazardous live parts and accessible parts (double or reinforced insulation)		P

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
	Coil formers and partition walls > 0,4 mm		N
14.3.4.2	Class I transformers, with basic insulation and protective screening only if all 7 conditions of 14.3.4.2 are met		N
14.3.4.3	Separating transformers with at least basic insulation		N
14.3.5.1	Class II transformers have adequate insulation between hazardous live parts and accessible parts (double or reinforced insulation)		P
	Coil formers and partition walls > 0,4 mm		N
14.3.5.2	Class I transformers have adequate insulation between hazardous live parts and accessible conductive parts or those conductive parts or protective screens connected to a protective earth terminal		N
	Winding wires connected to protective earth have adequate current-carrying capacity		N
14.4	High voltage components		N
	High-voltage components and assemblies: U > 4 kV (peak) separately approved		N
	Component meets category V-1 of IEC 60707		N
14.4.1	High voltage transformers and multipliers tested as part of the submission		N
14.4.2	High voltage assemblies and other parts tested as part of the submission		N
14.5	Protective devices		P
	Protective devices used within their ratings		P
	External clearances and creepage distances meet requirement of clause 13 for the voltage across the device when opened		P
14.5.1.1	a) Thermal cut-outs separately approved		N
	b) Thermal cut-outs tested as part of the submission		N
14.5.1.2	a) Thermal links separately approved		N
	b) Thermal links tested as part of the submission		N
14.5.1.3	Thermal devices re-settable by soldering		N
14.5.2.1	Fuse-links in the mains circuit according to IEC 60127		P
14.5.2.2	Correct marking of fuse-links adjacent to holder ...:		P
14.5.2.3	Not possible to connect fuses in parallel		P
14.5.2.4	Not possible to touch hazardous live parts when replacing fuse-links without the use of a tool		P
14.5.3	PTC-S thermistors comply with IEC 60730-1		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
	PTC-S devices (15 W) category V-1 or better		N
14.5.4	Circuit protectors have adequate breaking capacity and their position is correctly marked		N
14.6	Switches	See appended table	P
14.6.1 a)	Separate testing to IEC 61058 including: 10 000 operations Normal pollution suitability Resistance to heat and fire level 3 and V-0 compliance with annex G, G.1.1	VDE approved	P
14.6.1 b)	Tested in the apparatus:		N
	Switch controlling > 0.2A with open contact voltage > 35 V (peak)/24 V dc complying with 14.6.3, 14.6.4 and V-0 in annex G, G.1.1		N
	Switch controlling > 0.2A with open contact voltage < 35 V (peak)/24 V dc complying with 14.6.3 and V-0 in annex G, G.1.1		N
	Switch controlling < 0.2A with open contact voltage > 35 V (peak)/24 V dc complying with 14.6.4 and V-0 in annex G, G.1.1		N
14.6.2	Switch tested to 14.6.1 b) constructed to IEC 61058-1 subclause 13.1 and has making/breaking action independent of speed of actuation		N
14.6.3	Switch tested to 14.6.1 b) compliant with IEC 61058-1 subclause 16.2.2 d) and m) not attaining excessive temperatures in use		N
14.6.4	Switch tested to 14.6.1 b) has adequate dielectric strength		N
14.6.5	Mains switch controlling mains socket outlets additional tests to IEC 60058-1		N
	Socket outlet current marking correct		N
14.7	Safety interlocks		N
	Safety interlocks to 2.8 of IEC 60950		N
14.8	Voltage setting devices		N
	Voltage setting device not likely to be changed accidentally		N
14.9	Motors		N
14.9.1	Endurance test on motors		N
	Motor start test		N
	Dielectric strength test		N
14.9.2	Not adversely affected by oil or grease etc.		N
14.9.3	Protection against moving parts		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
14.9.4	Motors with phase-shifting capacitors, three-phase motors and series motors meet clause. B.8, B.9 and B.10 of IEC 60950, Annex B		N
14.10	Batteries		N
14.10.1	Batteries mounted with no risk of accumulation of flammable gases		N
14.10.2	No possibility of recharging non-rechargeable batteries		N
14.10.3	Recharging currents and times within manufacturers limits		N
	Lithium batteries discharge and reverse currents within the manufacturers limits		N
14.10.4	Battery mould stress relief		N
14.10.5	Battery drop test		N
14.11	Optocouplers		N
	Optocouplers comply with Cl. 8		N
	Internal and external dimensions to 13.1. or alternatively 13.6 (jointed insulation)		N
14.12	Surge suppression varistors		N
	Comply with IEC 61051-2		N
	Not connected between mains and accessible parts except for earthed parts of permanently connected apparatus		N
	Complies with the current pulse, fire hazard and thermal stress requirements of 14.12		N

15	TERMINALS		P
15.1.1	Mains plug, appliance inlet, interconnection couplers and mains socket-outlet meet the appropriate standard	see appended table 14	P
15.1.2	Connectors for antenna, earth, audio, video or data:		P
	No risk of insertion in mains socket-outlets		N
	No risk of insertion into audio or video: outlets marked with the symbol of 5.2		N
15.1.3	Output terminals of a.c. adaptors or similar devices not compatible with household mains socket-outlets		N
15.2	Provision for protective earthing		N
	Accessible conductive parts of Class I equipment reliably connected to earth terminal, within equipment		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
	Class I supply equipment with non-hazardous live output voltage: output circuit not connected to earth		N
	Protective earth conductors correctly coloured	Green/Yellow	N
	Equipment with non-detachable mains cord provided with separate protective earth terminal near mains input		N
	Protective earth terminal resistant to corrosion		N
	Earth resistance test: $< 0,1 \Omega$ at 25 A :	25m Ω	N
15.3	Terminals for external flexible cords and for permanent connection to the mains supply		P
15.3.1	Adequate terminals for connection of permanent wiring		N
15.3.2	Reliable connection of non-detachable cords:		N
	Not soldered to conductors of a printed circuit board		N
	Adequate clearances and creepage distances between connections should a wire break away		N
	Wire secured by additional means to the conductor		N
15.3.3	Screws and nuts clamping conductors have adequate threads: ISO 261, ISO 262 or similar		N
15.3.4	Soldered conductors wrapped around terminal prior to soldering or held in place by additional means		N
	Clamping of conductor and insulation if not soldered or held by screws		N
15.3.5	Terminals allow connection of appropriate cross-sectional area of conductors, for the rated current of the equipment		P
15.3.6	Terminals to 15.3.3 have sizes required by table 16		N
15.3.7	Terminals clamp conductors between metal and have adequate pressure		N
	Terminals designed to avoid conductor slipping out when tightened or loosened		N
	Terminals adequately fixed to avoid loosening when the clamping is tightened or loosened and stress on internal wiring is avoided		N
15.3.8	Terminals carrying a current more than 0,2 A: contact pressure not transmitted by insulating material except ceramic		N
15.3.9	Termination of non-detachable cords: wires terminated near to each other		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
	Terminals located and shielded: test with 8 mm strand		N
15.4	Devices forming a part of the mains plug		N
15.4.1	No undue strain on mains socket-outlets		N
15.4.2	Device complies with standard for dimensions of mains plugs		N
15.4.3	Device has adequate mechanical strength (tests a,b,c)		N

16	EXTERNAL FLEXIBLE CORDS		P
16.1	Mains cords sheathed type, complying with IEC 60227 for PVC or IEC 60245 for synthetic rubber cords		N
	Non-detachable cords for Class I have green/yellow core for protective earth		P
16.2	Mains cords conductors have adequate cross-sectional area for rated current consumption of the equipment		N
16.3	a) Flexible cords not complying with 16.1, used for interconnections between separate units of equipment used in combination and carrying hazardous live voltages, have adequate dielectric strength		N
	b) Flexible cords not complying with 16.1, withstand bending and mechanical stress (3.2 of IEC 60227-2)		N
16.4	Flexible cords used for connection between equipment have adequate cross-sectional areas to avoid temperature rise under normal and fault conditions		P
16.5	Adequate strain relief on external flexible cords		P
	Not possible to push cord back into equipment		P
	Strain relief device unlikely to damage flexible cord		N
	For mains cords of Class I equipment, hazardous live conductors become taut before earth conductor		P
16.6	Apertures for external flexible cord: no risk of damage to the cord during assembly or movement in use		N
16.7	Transportable musical instruments and amplifiers fitted with detachable cord set with appliance inlet to IEC 60320-1		N
	Transportable musical instruments and amplifiers fitted with detachable cord sets or with means of stowage to protect the cord		N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict

17	ELECTRICAL CONNECTIONS AND MECHANICAL FIXINGS		P
17.1	Torque test to table 20:		P
	- screws into metal: 5 times		N
	- screws into non-metallic material: 10 times		P
17.2	Correct introduction into female threads in non-metallic material		N
17.3	Cover fixing screws: captive		N
	Non-captive fixing screws: no hazard when replaced by a screw whose length is 10 times its diameter		P
17.4	No loosening of conductive parts carrying a current > 0,2 A		N
17.5	Contact pressure not transmitted through plastic other than ceramic for connections carrying a current > 0,2 A		N
17.6	Stranded conductors of flexible supply cords carrying a current > 0,2 A with screw terminals not consolidated by solder		N
17.7	Cover fixing devices other than screws have adequate strength and their positioning is unambiguous		N
17.8	Fixing devices for detachable legs or stands provided		N
17.9	Internal pluggable connections, affecting safety, unlikely to become disconnected		P

18	MECHANICAL STRENGTH OF PICTURE TUBES AND PROTECTION AGAINST THE EFFECTS OF IMPLOSION		N
	Picture tube separately approved to IEC 61965:	No picture tube used.	N
	Picture tube separately approved to 18.1		N
18.1	Picture tubes > 16 cm intrinsically protected		N
	Non-intrinsically protected tubes > 16 cm used with protective screen		N
18.2	Intrinsically protected tubes: tests on 12 samples		N
18.2.1	Samples subject to ageing: 6		N
18.2.2	Samples subject to implosion test: 6		N
18.2.3	Samples subject to mechanical strength test (steel ball): 6		N
18.3	Non-intrinsically protected tubes tested to 18.3		N

19	STABILITY AND MECHANICAL HAZARDS		P
	Mass of the equipment exceeding 7 kg	<7kg	N

EN60065:2002			
Clause	Requirement - Test	Result - Remark	Verdict
	Apparatus intended to be fastened in place – suitable instructions		N
19.1	Test on a plane, inclined at 10° to the horizontal		P
19.2	100 N force applied vertically downwards		P
19.3	Apparatus mass > 25 kg or height > 1 M or supplied with cart or stand		P
19.4	Edges or corners not hazardous	Edges and corners of the enclosure are rounded	P
19.5	Glass surfaces with an area exceeding 0,1 m² or maximum dimension > 450 mm, pass the test of 19.5.1		N
19.6	Wall or ceiling mountings adequate		N

20	RESISTANCE TO FIRE		P
20.1	Electrical components and mechanical parts		P
	a) Exemption for components contained in an enclosure of material V-0 to IEC 60707 with openings not exceeding 1 mm in width		N
	b) Exemption for small components as defined in 20.1	V-0	P
20.1.1	Electrical components meet the requirements of Clause 14 or 20.1.4		P
20.1.2	Insulation of internal wiring working at voltages > 4 Kv or leaving an internal fire enclosure, not contributing to the spread of fire		N
20.1.3	Material of printed circuit boards on which the available power exceeds 15 W at a voltage between 50 V and 400 V (peak) a.c. or d.c. meets V-1 or better to IEC60707, unless used in a fire enclosure		P
	Material of printed circuit boards on which the available power exceeds 15 W at a voltage >400 V (peak) a.c. or d.c. meets V-0 to IEC 60707		N
20.1.4	Components and parts not covered by 20.1.1, 20.1.2 and 20.1.3 (other than fire enclosures) mounted nearer to a potential ignition source than the distances in Table 21 comply with the relevant flammability category in Table 21		P
	Components and parts as above but shielded from a potential ignition source, with the barrier area in accordance with Table 21 and fig. 13		N
20.2	Fire enclosure		N
20.2.1	Potential ignition sources with open circuit voltage > 4 kV (peak) a.c. or d.c. contained in a fire enclosure to V-1		N

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Clause	Requirement - Test	Result - Remark	Verdict

20.2.2	Internal fire enclosures with openings not exceeding 1 mm in width and with openings for wires completely filled		N
20.2.3	Requirements of 20.2.1 and 20.2.2 met by an internal fire enclosure		N

A	APPENDIX A, ADDITIONAL REQUIREMENTS FOR APPARATUS WITH PROTECTION AGAINST SPLASHING WATER		N
A.5.1	j) Marked with IPX4 (IEC 60529), 5.4.1 a) does not apply		N
A.10.2.1	Enclosure provides protection against splashing water		N
A.10.2.2	Humidity treatment carried out for 7 days		N

B	APPENDIX B, APPARATUS TO BE CONNECTED TO THE TELECOMMUNICATION NETWORKS		N
	Complies with IEC 62151 clause 1		N
	Complies with IEC 62151 clause 2		N
	Complies with IEC 62151 clause 3 but with 3.5.4 modified to 2.4.10 of this standard		N
	Complies with IEC 62151 clause 4 but with 4.1.2, 4.1.3 and 4.2.1.2 modified in accordance with annex B of this standard		N
	Complies with IEC 62151 clause 5 but with 5.3.1 modified in accordance with annex B of this standard		N
	Complies with IEC 62151 clause 6		N
	Complies with IEC 62151 clause 7		N
	Complies with IEC 62151 annex A, B and C		N

Photo 1 View of EUT



Photo 2 View of EUT



Photo 3 View of EUT

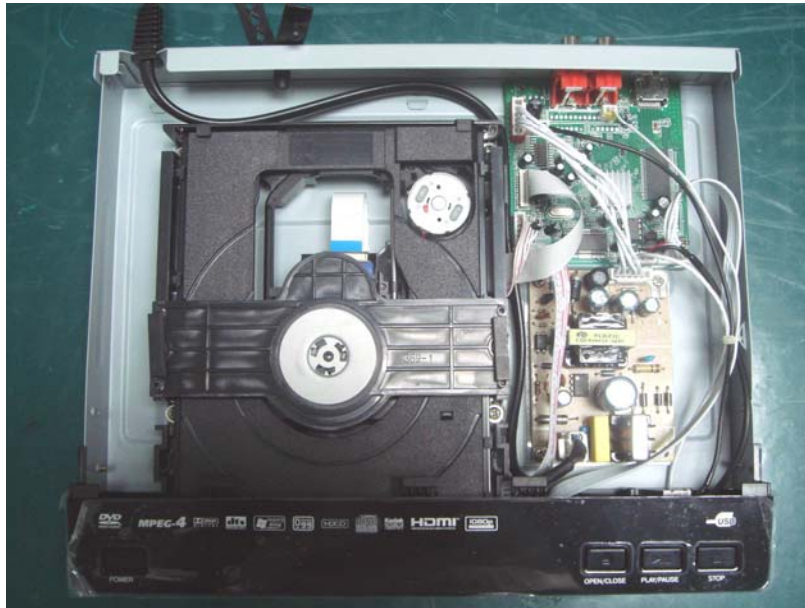


Photo 4 View of EUT

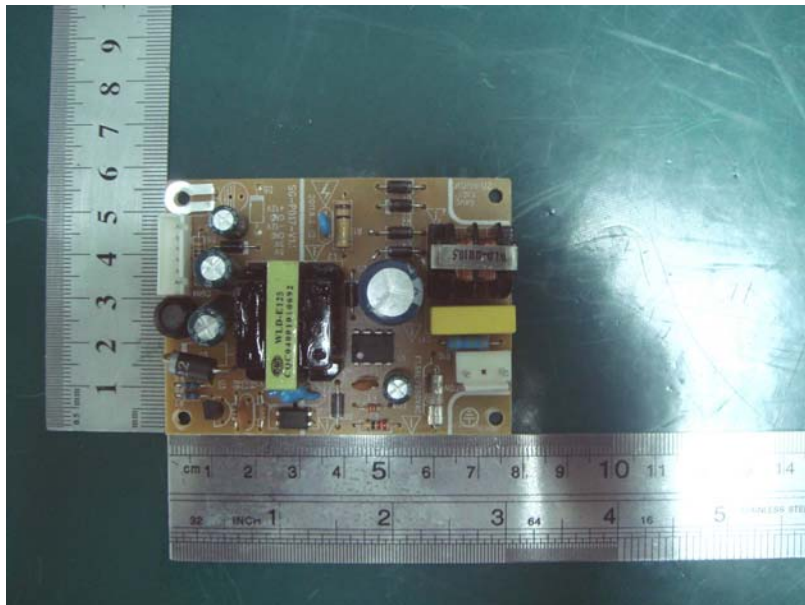
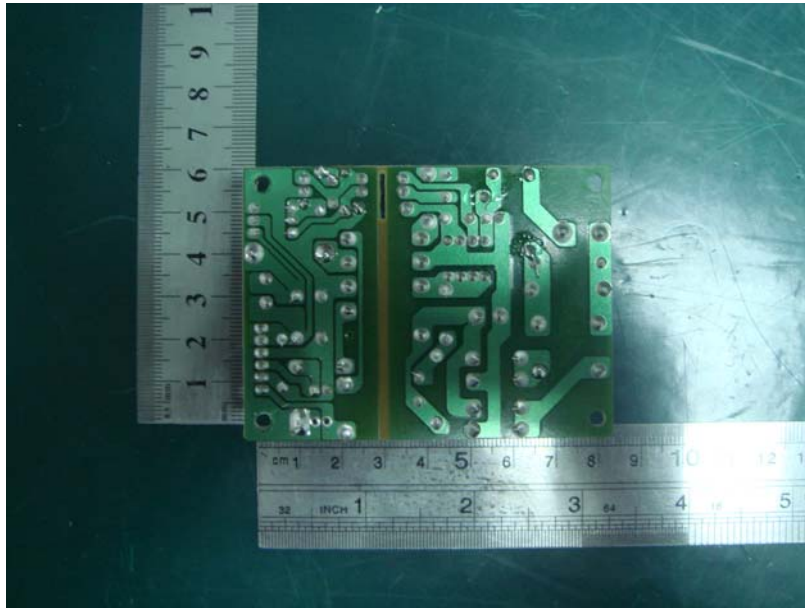


Photo 5 View of EUT



END OF REPORT