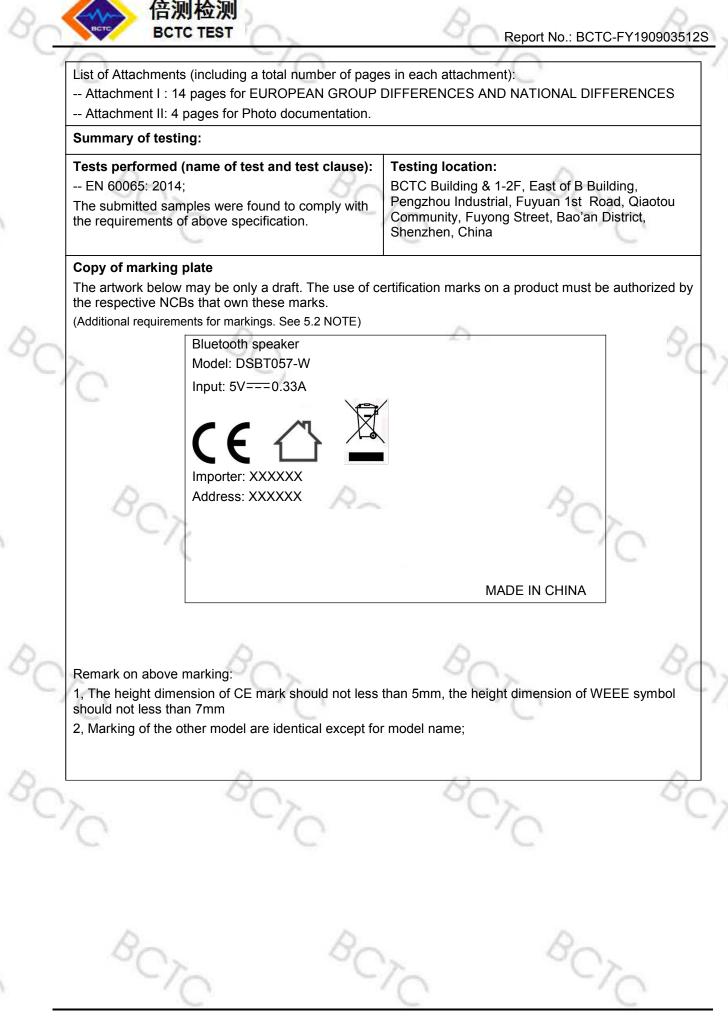
Report Number	BCTC-FY190903512S
Date of issue:	Sep. 24, 2019
Total number of pages:	42
Testing Laboratory	Shenzhen BCTC Testing Co., Ltd.
Address	BCTC Building & 1-2F, East of B Building, Pengzhou Industrial, Fuyuan 1st Road, Qiaotou Community, Fuyong Street, Bao'an District, Shenzhen, China
Applicant's name:	SC
Address	
Test specification:	
Standard	IEC 60065: 2014; EN 60065: 2014+A11:2017
Test procedure:	
Non-standard test method	N/A
Test Report Form No	IEC60065N
Test Report Form(s) Originator:	
Master TRF	
Components (IECEE System). All right This publication may be reproduced in whole or	in part for non-commercial purposes as long as the IECEE is acknowledged as copyright no responsibility for and will not assume liability for damages resulting from the reader's
Test item description	Bluetooth speaker
Trademark	
Manufacturer:	
Model/Type reference	DSBT057-W
Rating(s)	Input:5V===0.33A
/ ()	

Testing procedure and testing location:	
Testing Laboratory	Shenzhen BCTC Testing Co., Ltd.
Address	: BCTC Building & 1-2F, East of B Building, Pengzhou Industrial, Fuyuan 1st Road, Qiaotou Community, Fuyong Street, Bao'an District, Shenzhen, China
Date of Test	: Sep. 13, 2019 to Sep. 24, 2019
Tested by (name + signature)	George Zhong.
C C	C zhang
Reviewed by (name + signature)	Seven Zheng
Approved by (name + signature)	Kevin Wong
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ic Boro Boro	

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Test item particulars		10	
Classification of installation	on and use	.: Supplied by DC voltage	
Supply Connection		.: Not directly connected to the mains	
- test object does meet th	A		
Testing:			
-	n	: Sep. 13, 2019	
•		: Sep. 13, 2019 to Sep. 24, 2019	
(-,	5		0
General remarks:	00		30
- - - - - - - - -		the report.	
General product informat 1. This equipment is Blue 2. Maximum ambient terr	tion: stooth speaker which are u	ed as the decimal separator.	
General product informat 1. This equipment is Blue 2. Maximum ambient terr 3. All tests were performe	tion: etooth speaker which are u nperature: +35°C	ed as the decimal separator.	⁹ C
General product informat 1. This equipment is Blue 2. Maximum ambient terr 3. All tests were performe	tion: etooth speaker which are u nperature: +35°C ed on model DSBT057-W.	ed as the decimal separator.	°C

Test Report

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IEC 60065 Clause Requirement + Test Result - Remark Verdict 3 Ρ **General requirements** Supplied by DC voltage Safety class of the apparatus: Р 4 Р **General test conditions** 4.1.4 Ventilation instructions require the use of the test Not used, according to user Ν instructions box

5	Marking and instructions		Р
5.1	General requirements		Р
	Comprehensible and easily discernible	Compliance checked.	Р
è.	Permanent durability against water and petroleum spirit	After rubbing test by water and petroleum spirit, the label still easily discernible, indelible and legible.	P
5.2	Identification and supply rating		Р
	a) Identification, maker:	See rating label	Р
	b) Model number or type reference:	See rating label	Р
	c) Class II symbol if applicable:	A	Ν
1	d) Nature of supply:		Р
	e) Rated supply voltage:	See rating label	Р
	f) Mains frequency if safety dependant	The equipment is supplied by DC.	Ν
	g) Rated current or power consumption for apparatus supplied by supply apparatus for general use:		Ρ
	Measured current or power consumption:	Max.0.32A	P
>	Deviation % (max 10%):	<10%	P (
C	h) Rated current or power consumption for apparat- us intended for connection to an a.c. mains supply.:	- C	Ν
	Measured current or power consumption:		Ν
	Measured current or power consumption for Television set:	C)	N
>	Deviation % (max 10%):	°C×	N
0	Symbols explained in the user manual	-10	Р
5.3	Terminals	has a	Ν
	a) Earth terminal	Not Class I apparatus	Ν
	b) Hazardous live terminals	No such terminals	Ν
	c) Markings on supply output terminals	No such terminals	Ν
5.4	Caution marking	80	Ν
	a) Use of triangle with exclamation mark	~('>	N

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C	IEC 60065	. C	
Clause	Requirement + Test	Result - Remark	Verdict
	b) Marking on loudspeaker grille, IEC 60417-5036		N
	c) User-replaceable coin / button cell battery marking	~	Ν
5.5	Instructions	00.	Р
5.5.1	Safety relevant information	2	Р
5.5.2	a) Mains powered equipment not exposed to dripping or splashing. Warning concerning objects filled with liquid, etc.	Stated in user manual	Р
	b) Hazardous live terminals, instructions for wiring	No such terminals	Ν
	c) Instructions for replacing lithium battery	The lithium battery is located in an operator access area.	P
7	C,	The required warning is in the operation manual.	2(
C,	d) Class I earth connection warning		N
	e) Instructions for multimedia system connection	See user's manuals	Р
	f) Special stability warning for attachment of the apparatus to the floor/wall		N
,	g) Warning: battery exposure to heat	~	Р
0	h) Warning: protective film on CRT face	Not CRT	Ν
	i) Warning: Non-floor standing TV >7kg	-70	Ν
	j) Warning: User replaceable coin / button cell battery		Ν
5.5.3	a-b) Disconnect device: plug/coupler or all-pole mains switch location, accessibility and markings	Not directly connected to mains	Ν
	c) Instructions for permanently connected equipment	Not permanently connected equipment	N
2	Marking, signal lamps or similar for completely disconnection from the mains	°Cro	N
C.		. C.	
5	Hazardous radiation		N

6	Hazardous radiation		N
6.1	Ionizing radiation < 36 pA/kg (0,5 mR/h)	No ionizing radiation.	N
	Ionizing radiation under fault condition	0	N
6.2	Laser radiation, emission limits to IEC 60825-1:2007		N
6	Emission limits under fault conditions	C.	N
6.3	Light emiting diodes (LEDs) according to IEC 62471		N

7	Heating under normal operating conditions		Р
7.1	General	0	Р
7.1.1	Temperature rises not exceeding specified values; fuse links and other protective devices defeated	(see appended table)	Р



C	IEC 60065				
Clause	Requirement + Test	Result - Remark	Verdict		
7.1.2	Temperature rise of accessible parts		Р		
7.1.3	Temperature rise of parts providing electrical insulation	~	N		
7.1.4	Temperature rise of parts acting as a support or as a mechanical barrier	°Cr-	N		
7.1.5	Temperature rise of windings	/ C	N		
7.1.6	Parts not subject to a limit under 7.1.1 to 7.1.4		Р		
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		

Constructional requirements with regard to the p shock	rotection against electric	P
Conductive parts covered by lacquer, paper, untreated textile oxide films and beads etc. considered to be bare	Supplied with low DC voltage, no hazardous live parts	N
No shock hazard when changing voltage setting device, fuse-links or handling drawers etc.	Tools are required	Ν
Insulation of hazardous live parts not provided by hygroscopic material	No such material used	Ν
No risk of electric shock from accessible parts or from parts rendered accessible following the removal of a cover which can be removed by hand	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ν
Class I equipment		Ν
Basic insulation between hazardous live parts and earthed accessible parts		Ν
Resistors bridging basic insulation complying with 14.2 a)	0	N
Capacitors bridging basic insulation complying with 14.2.1 a)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N
Protective earthing terminal	6	Ν
Class II apparatus		Ν
a) Basic and supplementary insulation between hazardous live parts and accessible parts	8	N
b) Reinforced insulation between hazardous live parts and accessible parts	070	N
Components bridging insulation	<u>_</u>	_
Basic insulation bridged by components complying with 14.4.5.3		Ν
Components bridging basic, supplementary, double or reinforced insulation complying with 14.2 a) or 14.4	0	Ν
	shockConductive parts covered by lacquer, paper, untreated textile oxide films and beads etc. considered to be bareNo shock hazard when changing voltage setting device, fuse-links or handling drawers etc.Insulation of hazardous live parts not provided by hygroscopic materialNo risk of electric shock from accessible parts or from parts rendered accessible following the removal of a cover which can be removed by handClass I equipmentBasic insulation between hazardous live parts and earthed accessible partsResistors bridging basic insulation complying with 14.2 a)Capacitors bridging basic insulation complying with 14.2.1 a)Protective earthing terminalClass II apparatus a) Basic and supplementary insulation between hazardous live parts and accessible partsb) Reinforced insulation between hazardous live parts and accessible partscomponents bridging insulationBasic insulation bridged by components complying 	Conductive parts covered by lacquer, paper, untreated textile oxide films and beads etc. considered to be bareSupplied with low DC voltage, no hazardous live partsNo shock hazard when changing voltage setting device, fuse-links or handling drawers etc.Tools are requiredInsulation of hazardous live parts not provided by hygroscopic materialNo such material usedNo risk of electric shock from accessible parts or from parts rendered accessible following the removal of a cover which can be removed by handNo such material usedClass I equipmentEasic insulation between hazardous live parts and earthed accessible partsResistors bridging basic insulation complying with 14.2 a)Capacitors bridging basic insulation complying with 14.2.1 a)Protective earthing terminalClass II apparatusa) Basic and supplementary insulation between hazardous live parts and accessible partsb) Reinforced insulation between hazardous live parts and accessible partscomponents bridging usulationBasic insulation between hazardous live parts and accessible partsb) Reinforced insulation between hazardous live parts and accessible partscomponents bridging insulationBasic insulation bridged by components complying with 14.4.5.3Components bridging basic, supplementary, double or reinforced insulation complying with 14.2.3 or

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5	IEC 60065	<u> </u>	
Clause	Requirement + Test	Result - Remark	Verdict
	Basic and supplementary insulation each being bridged by a capacitor or RC-unit complying with 14.3.2 a)		N
8	Double or reinforced insulation being bridged with 2 capacitors or RC-units in series complying with 14.3.2 a)	BOTO	N
	Double or reinforced insulation being bridged with a single capacitor or RC-unit complying with 14.3.2 b)		N
8.8	Insulation thickness and thin sheet materials		N
	Basic or supplementary insulation > 0,4 mm (mm) :		N
	Reinforced insulation > 0,4 mm (mm):	6	N
	Thin sheet material used inside the equipment		N
0	Basic or supplementary insulation, at least two layers, each meeting 10.4		N
1.00	Basic or supplementary insulation, three layers any two of which meet 10.4		N
	Reinforced insulation, two layers each of which meet 10.4		N
B	Reinforced insulation, three layers any two which meet 10.4	20	N
8.9	Adequate insulation between internal hazardous live conductors and accessible parts, or between internal hazardous live parts and conductors connected to accessible parts	C/C	N
8.10	Double insulation between accessible parts and conductors connected to the mains	No accessible hazardous live parts provided.	N
	Double insulation between conductors connected to accessible parts and parts connected to the mains	Power Supply was certified.	N
8.11	Detaching of wires	No wire could become detachable.	N
C	No undue reduction of creepages or clearance distances if wires become detached	Conductors with mechanical securing, soldering and sleeves.	N
	Vibration test carried out:	No need, see above.	N
8.12	Adequate fastening of windows, lenses, lamp covers etc. (pull test 20 N for 10 s)	No mains socket outlet provided.	00
8.13	Adequate fastening of covers (push/pull test 50 N for 10 s)	.C.	N
8.14	No risk of damage to the insulation of internal wiring due to hot parts or sharp edges	Internal wiring away from sharp edges, moving parts and not to contact parts exceeding the permissible temperature.	Р
8.15	Only special supply equipment can be used	No such supply equipment specified.	N



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Clause	Requirement + Test	Result - Remark	Verdict
8.16	Insulated winding wire without additional interleaved insulation	No insulated winding wires for use without additional interleaved insulation.	N
8.17	Endurance test as required by 8.16	Ro	N
8.18	Disconnection from the mains	Evaluated in approved Power Supply	N
8.19	Disconnect device		N
8.19.1	All-pole switch or circuit breaker with >3mm contact separation		N
	Mains switch ON indication		N
8.19.2	Switch not fitted in the mains cord	0	N
8.20	Bridging components comply with clause 14	Not such apparatus	N
8.21	Non-separable thin sheet material	No such material used	N

9	Electric shock hazard under normal operating con	nditions	Р
9.1	Testing on the outside		Ν
9.1.1	General		Ν
9.1.1.1	Requirements	Ro	Ν
~	Accessible parts shall not be hazardous live		N
	Inaccessible terminals are not accessible or comply with relevant requirements	· C	N
	For voltages >1000 V ac or >1500 V dc complies with clause 13.3.1 for basic insulation	No such high voltage	Ν
9.1.1.2	Determination of hazardous live parts		Ν
	a) Open circuit voltages	0	N
7	b) Touch current measured from terminal devices using the network in annex D	°Cr	N
6.	c) Discharge not exceeding 45 μC	. C.	Ν
	d) Energy of discharge not exceeding 350 mJ		Ν
9.1.1.3	Test with test finger and test probe		Ν
9.1.2	No hazardous live shafts of knobs, handles or levers	No such knobs, handles or levers	N
9.1.3	Ventilation holes and other holes tested by means of 4 mm x 100 mm test pin	No access to any parts bearing hazardous voltage.	Ν
9.1.4	Terminal devices tested with 1 mm x 20 mm test pin (10 N); test probe D of IEC 61032	No such terminals.	Ν
	Terminal devices tested with 1 mm x 100 mm straight wire (1 N); test probe D of IEC 61032		Ν
9.1.5	Pre-set controls tested with 2.5 mm x 100 mm test pin (10 N); test probe C of IEC 61032	No such controls	Ν



Ν

0	IEC 60065	-10	
Clause	Requirement + Test	Result - Remark	Verdict
9.1.6	Withdrawal of the mains plug		N
	No shock hazard due to stored charge on withdrawal of the mains plug; voltage (V) after 2 s :	~	N
2	Bleeder resistor(s) comply with 14.2 or no shock hazard when open circuited	SCX-	N
	If C is not greater than 0,1 µF no test needed	10	N
9.1.7	Resistance to external forces	Hazardous live parts not accessible during the tests and no damage after the tests.	Р
	a) Test probe 11 of IEC 61032 for 10 s (50 N)	50 N for 10s applied and no any hazard.	Р
°C	b) Test hook of fig. 4 for 10 s (20 N)	20 N force directed outwards, is applied for 10s at all points where this is possible, no hazard.	P
	c) 30 mm diameter test tool for 5 s (100 or 250 N)	100N	Р

No hazard after removing a cover by hand

10	Insulation requirements	~	Ν
10.2	Insulation resistance (M Ω) at least 2 M Ω min. after surge test for basic and 4 M Ω min. for reinforced insulation	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N
10.3	Humidity treatment 48 h or 120 h	6	N
10.4	Insulation resistance and dielectric strength		N
	Insulation resistance and dielectric strength between mains terminals		Ν
	Insulation Resistance and dielectric strength across BASIC or SUPPLEMENTARY insulation (Class I)	30.	20
6	Insulation resistance and dielectric strength across REINFORCED insulation (Class II)	5	N

Tools are required

11	Fault conditions		Ρ
11.1	No shock hazard under fault condition	- CD	Р
11.2	Heating	\$0×	P
11.2.1	Requirements	-10	Р
6	No danger of fire to the surroundings	C.	Р
	Safety not impaired by abnormal heat		Р
	Flames extinguish within 10 seconds	No flames	Ν
	No hazard from softening solder	No softening solder	Р
1	Soldered terminations not used as protective mechanism	80.	Р
11.2.2	Measurement of temperature rises	(see appended table)	Р

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0	IEC 60065	10	
Clause	Requirement + Test	Result - Remark	Verdict
Clause			Veruic
11.2.3	Temperature rise of accessible parts	(see appended table)	Р
11.2.4	Temperature rise of parts, other than windings and printed boards, providing electrical insulation	~	Ν
11.2.5	Temperature rise of parts acting as a support or mechanical barrier	°Cr-	Ν
11.2.6	Temperature rise of windings	10	Ν
11.2.7	Printed boards		Ν
	Temperature rise of printed boards shall not exceed the limits of table 3 by max. 100 K for max. 5 min	No temperature rise of printed boards exceeding the limits	Ν
	a) Temperature rise of printed circuit boards exceeding the limits of table 3 by not more than 100 K for an area not greater than 2 cm ²	6	N S
C	b) Temperature rise of printed circuit boards exceeding the limits of table 3 up to 300 K for an area not greater than 2 cm ² for a maximum of 5 min		Ν
	Meets all the special conditions if conductors on printed circuit boards are interrupted		Ν
	Class I protective earthing maintained		Ν
11.2.8	Temperature rise of parts not subject to the limits of 11.2.1 to 11.2.6 shall not exceed the limits in table 3, item e), "Fault conditions".	BON	N

12	Mechanical strength	6	Ρ
12.1	Complete apparatus		Р
12.1.1	The apparatus have adequate mechanical strength		Р
12.1.2	Bump test where mass >7 kg	0.08kg	Ν
12.1.3	Vibration test	10-55Hz, 30 min.	P
è.	70	After the test no damages at the device, no part or connection was loose	~(
12.1.4	Impact hammer test	3 times, 0.5J performed, the apparatus withstood the dielectric strength test as specified in 10.3 and no	N
\sim	Steel ball test	damage observed. 2 J performed, with the same result as above.	N
12.1.5	Drop test for portable apparatus where mass ≤ 7 kg	3 times, 1m performed, the apparatus withstood the dielectric strength test as specified in 10.3 and no damage observed.	Ρ



C	IEC 60065		
Clause	Requirement + Test	Result - Remark	Verdict
12.1.6	Thermoplastic enclosures stress relief test	7 hours, 70°C performed on the enclosure, the hazardous live parts not accessible after the test.	Ρ
12.2	Fixing of knobs, push buttons, keys and levers	No damage in the sense of the standard occurred	N
12.3	Remote controls with hazardous live parts	6	Ν
12.4	Drawers (pull test 50 N, 10 s)		N
12.5	Antenna coaxial sockets providing isolation	No hazards	N
12.6	Telescoping or rod antennas construction		N
12.6.1	6,0mm diameter end	10	N
20	Prevented from falling into the apparatus		N
12.6.2	Physical securement, removal prevented		Ν
12.7	Apparatus containing coin / button cell batteries		N
12.7.2	Reduced possibility for children to remove battery		N
12.7.3	Tests		N
12.7.3.2	Stress relief test		Ν
12.7.3.3	Battery replacement test	Ro	Ν
12.7.3.4	Drop test	C'A	Ν
12.7.3.5	Impact test	10	Ν
12.7.4	Battery not accessible; or not removable		Ν

13	Clearances and creepage distances	N
13.1	Clearances in accordance with 13.3	N
	Creepage distances in accordance with 13.4	N
13.2	Determination of working voltage	N
13.3	Clearances	N
13.3.1	Comply with 13.3 or Annex J	N
13.3.2	Circuits conductively connected to the mains comply with table 8 and, where applicable, table 9	N
13.3.3	Circuits not conductively connected to the mains comply with table 10	N (
13.3.4	Measurement of transient voltages	N
13.4	Creepage distances	N
	Creepage distances greater than table 11 minimum values	N
13.5	Printed boards	N



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Clause	Requirement + Test	Result - Remark	Verdict
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	0	N
13.5.2	Type B coated printed circuit boards complying with IEC 60664-3 (basic insulation only)	No such coated boards	N
13.6	Conductive parts along uncemented joints clearances and creepage distances comply with 13.3 and 13.4	. C	N
	Conductive parts along reliably cemented joints comply with 8.8		N
	Temperature cycle test and dielectric strength test	0	N
7-	500V test for transformers, magnetic coupler and similar devices, if insulation is relied upon for safety		N
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	30	Р
14.1	Flammability according to IEC 60695-11-10 or annex G, or 20.2.5	50	Ν
14.2	Resistors		Ν
	b) Resistors, other than between hazardous live parts and accessible parts		Ν
	Resistors separately approved:		Ν
14.3	Capacitors and RC units	20	N
7	Capacitors separately approved :	"Ch	N
14.3.1	Damp heat test duration 21 days	10	Ν
14.3.2	Y capacitors tested to IEC 60384-14:2005		Ν
14.3.3	X capacitors tested to IEC 60384-14:2005		Ν
14.3.4	Capacitors operating at mains frequency but not connected to the mains: tests for X2	No such capacitors	No.
14.3.6	Capacitors with volume exceeding 1750 mm ³ , where short-circuit current exceeds 0,2 A: compliance with IEC 60384-1, 4.38 category B or better:	50	N
	Capacitors with volume exceeding 1750 mm ³ , mounted closer to a potential ignition source than table 5 permits: compliance with IEC 60384-1, 4.38 category B or better		Ν
14.4	Inductors and windings	Ro	Ν
14.4.1	Comply with IEC 61558-1, IEC 61558-2 (as relevant) and clause 20.2.5	°Cro	Ν



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Tester	IEC 60065		
Clause	Requirement + Test	Result - Remark	Verdict
	Transformers and inductors separately approved :	Yes / No	N
~	Transformers and inductors marked with manufacturer's name and type :	~	N
4.4.3	General	00.	N
	Insulation material complies with clause 20.2.5	-/	N
14.4.4	Constructional requirements		N
14.4.4.1	Clearances and creepage distances comply with clause 13		N
14.4.4.2	Transformers meet the constructional requirements		N
14.4.5	Separation between windings	~	N
14.4.5.1	Class II transformers have adequate separation between hazardous live parts and accessible parts (double or reinforced insulation):		N
6	Coil formers and partition walls > 0,4 mm		N
14.4.5.2	Class I transformers, with basic insulation and protective screening only if all 7 conditions of 14.3.4.2 are met		N
14.4.5.3	Separating transformers with at least basic insulation	Ro	N
14.4.6	Insulation between HAZARDOUS LIVE parts and ACCESSIBLE parts	-07	N
14.4.5.1	Class II transformers have adequate insulation between hazardous live parts and accessible parts (double or reinforced insulation)		N
	Coil formers and partition walls > 0,4 mm		N
14.4.5.2	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	°C7	N B
	Winding wires connected to protective earth have adequate current-carrying capacity	-	N
14.5	High-voltage components and assemblies: U > 4 kV (peak) separately approved	Q	N
14.5.1	Component meets category V-1 of IEC 60695-11-10	$^{\circ}$ C>	N
14.5.2	High voltage transformers and multipliers tested as part of the submission	C	N
14.5.3	High voltage assemblies and other parts tested as part of the submission		N
14.6	Protective devices		N
14.6.1	Protective devices used within their ratings		N



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Clause	Requirement + Test	Result - Remark	Verdict	
	External clearances and creepage distances meet requirement of clause 13 for the voltage across the device when opened		N	
14.6.2	Thermal releases	Ro	Ν	
14.6.2.1	Comply with 14.6.2.2, 14.6.2.3 or 14.6.2.4	~C.>~	Ν	
14.6.2.2	a) Thermal cut-outs separately approved	No thermal cut-out used	Ν	
	b) Thermal cut-outs tested as part of the submission		Ν	
14.6.2.3	a) Thermal links separately approved		Ν	
	b) Thermal links tested as part of the submission		Ν	
14.6.2.4	Thermal devices re-settable by soldering	~	Ν	
14.6.3	Fuses and fuse holders		N	
14.6.3.1	Fuse-links in the mains circuit according to IEC 60127		N	Te
14.6.3.2	Correct marking of fuse-links adjacent to holder:		Ν	
14.6.3.3	Not possible to connect fuses in parallel:		Ν	
14.6.3.4	Not possible to touch hazardous live parts when replacing fuse-links without the use of a tool		N	
14.6.4	PTC thermistors comply with IEC 60730-1:2010	Ro	Ν	
\sim	PTC devices (>15 W) category V-1 or better	~C>_	Ν	
14.6.5	Circuit protectors have adequate breaking capacity and their position is correctly marked	10	N	
14.7	Switches		Р	
14.7.1 a)	Separate testing to IEC 61058-1 including: - 10 000 operations - Normal pollution suitability - Make and break speed independent of speed of actuation V-0 compliance with annex G, G.1.1	SC >	BC	7
14.7.1 b)	Tested in the apparatus:	0	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	
2	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	°CZO	N	77
C.	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	(
14.7.2	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	
14.7.3	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	8CTO	N	
		10		

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See.	IEC 60065	~	1
Clause	Requirement + Test	Result - Remark	Verdict
4.7.4	Switch tested to 14.6.1 b) has adequate dielectric strength		N
14.7.5	Mains switch controlling mains socket outlets additional tests to IEC 61058-1	Ro	N
14.8	Safety interlocks according to 2.8 of IEC 60950-1	~	N
14.9	Voltage setting device and the like are not likely to be changed accidentally	10	N
14.10	Motors		N
14.10.1	a) Endurance test on motors		N
	b) Motor start test		N
	Dielectric strength test	○	N
14.10.2	Not adversely affected by oil or grease etc.		N
14.10.3	Protection against moving parts		N
14.10.4	Motors with phase-shifting capacitors, three-phase motors and series motors meet clause. B.8, B.9 and B.10 of IEC 60950-1, Annex B		N
14.11	Batteries		Р
14.11.1	Comply with IEC 62133 if applicable	0	Р
0	Batteries mounted with no risk of accumulation of flammable gases	"Ch	N
14.11.2	No possibility of recharging user replaceable non- rechargeable batteries		Р
14.11.3	Recharging currents and times within manufacturers limits	Max. I _{charging} : 0.323A Fault condition(C1 sc):0A	Р
	Lithium batteries discharge and reverse currents within the manufacturers limits	Max. I _{discharging} : 0.060A Fault condition(C1 sc):0A	P
14.11.4	Battery mould stress relief	C>	N
14.11.5	Battery drop test		N
14.12	Optocouplers		N
	Comply with constructional requirements of clause 8		N
	External clearances and creepage comply with 13.1	61	N
~	Compound completely filling the casing or internal clearances and creepage comply with 13.1	°Cz_	N
C,	a) Complies with 13.6 (jointed insulation) and N.3.2	C,	N
	b) Complies with IEC 60747-5-5:2007	V _{ini,a} = V _{ini,b} =	N
	c) Complies with 13.8		N
14.13	Surge suppression varistors	~	N
18	Comply with IEC 61051-2	No such components	N



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C	IEC 60065				
Clause	Requirement + Test	Result - Remark	Verdict		
	Not connected between mains and accessible parts except for earthed parts of permanently connected apparatus		N		
6	GDT bridging basic insulation complies with electric strength and distance requirements	BOX	N		
	Complies with the climatic, voltage, current pulse, fire hazard and thermal stress requirements of 14.13	C	N		

15	Terminals		Ν
15.1	Plugs and sockets		Ν
15.1.1	Mains plug, appliance inlet, interconnection couplers and mains socket-outlet meet the appropriate standard	0	3
C	Overloading of plugs or appliance inlets prevented if the apparatus has mains socket outlets		Ν
	Overloading of internal wiring prevented if the apparatus has mains socket outlets		Ν
15.1.2	Design of connectors other than for mains power		N
~	Design of sockets with symbol of 5.3 b) design	A.	N
15.1.3	Design of terminals and connectors used in output circuits of supply apparatus	No such outlets	Ν
15.2	Provision for protective earthing	10	Ν
	Accessible conductive parts of Class I equipment reliably connected to earth terminal, within equipment		Ν
	Protective earth conductors correctly fixed and coloured	~	N
7-	Separate protective earth terminal near mains terminal and comply with 15.3	20×-	N
0	Protective earth terminal resistant to corrosion	10	Ν
	Earth resistance test: < 0,1 Ω at 25 A		Ν
15.3	Terminals for external flexible cords and for permanent connection to the mains supply		N
15.3.1	Adequate terminals for connection of permanent wiring	Not permanent connection	N
15.3.2	Reliable connection of non-detachable cords	· (C)	Ν
1000	Not soldered to conductors of a printed circuit board		Ν
	Adequate clearances and creepage distances between connections should a wire break away		Ν
0	Wire secured by additional means to the conductor	A	Ν
15.3.3	Screws and nuts clamping conductors have adequate threads: ISO 261, ISO 262 or similar	°Cz_	N



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6	IEC 60065	C.	
Clause	Requirement + Test	Result - Remark	Verdict
15.3.4	Conductors adequately fixed (two independent fixings)		N
15.3.5	Terminals allow connection of appropriate cross- sectional area of conductors, for the rated current of the equipment	No wiring terminals used	Ν
15.3.6	Terminals to 15.3.3 have sizes required by table 16	-10	Ν
15.3.7	Terminals clamp conductors between metal and have adequate pressure	Clamped in wire connector	Ν
	Terminals designed to avoid conductor slipping out when tightened or loosened		Ν
	Terminals adequately fixed to avoid loosening when the clamping is tightened or loosened and stress on internal wiring is avoided	6	SC.
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		Ν
~	Terminals located and shielded: test with 8 mm strand	~	Ν
15.4 🔿	Devices forming a part of the mains plug	50.	Ν
15.4.1	No undue strain on mains socket-outlets	-10	Ν
15.4.2	Device complies with standard for dimensions of mains plugs	C	Ν
15.4.3	Device has adequate mechanical strength (tests a,b,c)		Ν
	•		•

16	External flexible cords	Ra	N
16.1	Mains cords sheathed type, complying with IEC 60227 for PVC or IEC 60245 for synthetic rubber cords	°C _C	N
	Non-detachable cords for Class I have green/yellow core for protective earth		N
16.2	Mains cords conductors have adequate cross- sectional area for rated current consumption of the equipment	8Cr	No.
16.3	Flexible cords not complying with 16.1, used for interconnections between separate units of equipment used in combination and carrying hazardous live voltages comply with a) and b)	No such flexible cord	N
16.4	Flexible cords used for connection between equipment have adequate cross-sectional areas to avoid temperature rise under normal and fault conditions	Ba	N
16.5	Adequate strain relief on external flexible cords		N



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IEC 60065				
Clause	Requirement + Test	Result - Remark	Verdict	
	Not possible to push cord back into equipment		N	
	Strain relief device unlikely to damage flexible cord	~	N	
0	For mains cords of Class I equipment, hazardous live conductors become taut before earth conductor	°Cr-	N	
16.6	Apertures for external flexible cord: no risk of damage to the cord during assembly or movement in use	·C	N	
16.7	Transportable apparatus have appliance inlet according to IEC 60320-1 or means of stowage to protect the cord	Not such instruments	N	

17	Electrical connections and mechanical fixings		Р
17.1	Torque test to table 20		Р
1	- screws into metal: 5 times		N
	- screws into non-metallic material: 10 times		Р
17.2	Correct introduction into female threads in non- metallic material		N
17.3	Cover fixing screws captive or no hazard when replaced by a screw whose length is 10 times its diameter	Screw of 10 times long applied, no hazard.	N
17.4	No loosening of conductive parts carrying a current > 0,2 A	·C	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	802	ß
17.7	Cover fixing devices have adequate strength and their positioning is unambiguous	No such devices	N
17.8	Fixing devices for detachable legs or stands provided		N
17.9	Internal pluggable connections, affecting safety, unlikely to become disconnected	80	N

1		has a series	
18	Mechanical strength of picture tubes and protection implosion	on against the effects of	N
18.1	Picture tube separately approved to IEC 61965 :	No picture tube used	N
	Picture tube separately approved to 18.2:		N
18.2	Non-intrinsically protected tubes tested to 18.2	(141)	N
		0	

Stability and mechanical hazards

19

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0	IEC 60065	. C.	
Clause	Requirement + Test	Result - Remark	Verdict
19.1	Apparatus > 7kg have adequate stability or is required to be fastened in place and provided with the warning of 5.5.2 f)		N
19.2	Test at 10° to the horizontal	Ro	N
19.3	Vertical force test 100 N applied downwards	~	N
19.4	Horizontal force test, 100 N or 13% of weight, applied horizontally to point of least stability	· C	N
19.5	Edges or corners not hazardous		Р
19.6	Mechanical strength of glass		N
19.6.1	Glass surfaces (exc.laminated) with an area exceeding 0,1 m ² or major dimension > 450 mm, pass the test of 12.1.4	- 0	N S
10	Wall or ceiling mountings adequate		N
19.6.2	Fragmentation test		N
19.7	Wall or ceiling mounting means		N
19.7.1 - 19.7.3	Not dislodged and remain mechanically intact after test according to 19.7.2 Test 1, Test 2 or Test 3:		N

20	Resistance to fire	Bo	Р
20.1	Start and spread of fire is prevented	-C'A	Р
20.2	Electrical components and mechanical parts	· ()	Р
20.2.1	a) Exemption for components contained in an enclosure of material V-0 to IEC 60695-11-10 with openings not exceeding 1 mm in width	Components contained in enclosure with V-1. Also see 20.1.4.	Ν
	b) Exemption for small components	Some small components mounted on UL listed PCB with flammability of V-1.	P
20.2.2	Electrical components meet the requirements of Clause 14 or 20.2.5		P
20.2.3	Insulation of internal wiring working at voltages > 4 kV or leaving an internal fire enclosure, or located within the areas mentioned in Table 21, comply with G.2		N
20.2.4	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 IEC 60695-11-10, unless used in a fire enclosure	V-1 PCB used	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 60695-11-10.		Р

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10	-10	-10	
0.	IEC 60065		
Clause	Requirement + Test	Result - Remark	Verdict
20.2.5	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	80.	Р
	Components and parts as above but shielded from a potential ignition source, with the barrier area in accordance with Table 21 and fig. 13	YC.	N
	Apparatus with voltages >4kV under normal operating conditions and distances to the enclosure exceed those specified Table 21, flammability classification HB40 or better is required for the enclosure	~	N
20.3	Fire enclosure		N
20.3.1	Potential ignition sources with open circuit voltage > 4 kV (peak) a.c. or d.c. contained in a fire enclosure to V-1	No such high voltage	N
20.3.2	Internal fire enclosures with openings not exceeding 1 mm in width and with openings for wires completely filled	No internal fire enclosure	N
20.3.3	Requirements of 20.2.1 and 20.2.2 met by an internal fire enclosure	Ro	N

Α	Annex A, Additional requirements for apparatus with protection against splashing water	N
A.5	Marking and instructions	Ν
A.5.1	j) A.5.2 i) Marked with at least IPX4 (IEC 60529) 5.5.2 a) does not apply	Ν
A.10	Insulation requirements	N
A.10.2	Splash and humidity treatment	N
A.10.2.1	The enclosure provide adequate protection against splashing water	N
A.10.2.2	Complies with 10.3, duration of the test is 168h	Ν

В	Annex B, Apparatus to be connected to the TELECO NETWORKS	OMMUNICATION	S
6	Complies with IEC 62151 clause 1	5/0	N
C.	Complies with IEC 62151 clause 2	.C.	N
	Complies with IEC 62151 clause 3 modified		N
	Complies with IEC 62151 clause 4 modified		N
	Complies with IEC 62151 cause 5 modified		N
	Complies with IEC 62151 clause 6	A	N
1	Complies with IEC 62151 clause 7	00.	N

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Clause	Requirement + Test	Result - Remark	Verdict
	Complies with IEC 62151 annex A, B and C		N

6	ANNEX L, Additional requirements for electronic photographic purposes	c flash apparatus for	N
L. 5	Marking and instructions	-C.>	Ν
L. 5.5.1	Instructions for battery chargers and Supply apparatus indicating type or model number of flash apparatus with which it is to be used		Ν
	Instructions for flash apparatus indicating type or model number of battery chargers or Supply apparatus with which it is to be used		Ν
L. 7	Heating under normal operating conditions	0	N
L.7.1.6	Lithium batteries meet permissible temp rise in Table 3		N
L. 9	Electric shock hazard under normal operating conditions		Ν
L. 9.1.1	Terminals for connection to synchroniser not hazardous live		Ν
L. 14	Components	0	Ν
L.14.6.7	Mains switch characteristics appropriate to its function under normal conditions	"Cr_	Ν









7.1	-		F: tomr	oraturo	riso moze	urements					Р
	F	ower	consur	nption in	the OFF/S	Stand-by m	node of				
Cond.	Un (Hz	In (A)	Pn (W)		Pout (W)	Operating	Condition / Sta	itus	
Chargin	g mod	le	5		2	80	5		80	~	
1	5VE	С	e	0.324	1.620	_/	e	Only char	ging with empty	y battery	
2	5VD	с		0.310	1.550	0.43	0.062		mode Max.non clippe output(V):0.431	-	
Dischar	ging m	node		5				8			~
3	3.7V	DC		0.060	0.222	0.43	0.062		mode Max.non clippe output(V):0.43	ed power	3(
	L	ouds	peaker	impedanc	æ (Ω)		:		3ΩX1		_
	s	evera	al Louds	speaker s	ystems		:				
	N	larkir	ng of Lo	udspeake	er termina	ls	:				
Tempei	rature	Rise	dT of	Part			dT	(K)	Lin	nit max dT	- (K)
Test Co	ndition	No.					2	3	;		
PCB ne	ar U1	- 7	2			1	0.1	9.	0	80	
PCB ne	ar U3	÷.	0			8	8.4	8.	0	80	
PCB ne	ar U4					1	3.9	10	.3	80	
Battery							5.7	5.	1	40	
Enclosu	ire insi	de				(6.0	5.	2	Ref.	
Enclosu	ire out	side		5			4.3	4.	0	60	A
Ambien	t			00	1	25	5. 0 ℃	25.0)°C		01
0				~	10			~/	0		
Windin	g tem	oerat	ure rise	measur	ements						
				C)							0201
				C)			- 3	8			R
Temper dT = <u>(R</u>				ding: 2) – (t2 –		R ₁ (Ω)	R ₂ (Ω)	dT (K)	Limit max (K)	Insulatio	n clas
Ті	ransfo	rmer	primary	winding							
Tra	ansforr	ner s	econda	ry windin	g						

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L.)	TABLE: \$	summary of	fault condition tests	6	Р
	Voltage (V) 0,9 or 1,1	times rated voltage		_
		• • •			
	Ambient t	emperature	(°C)	See below	—
No.	Component	Fault	dT (K) / Component	Other results (include description and test c	luration)
Charge	mode		~('>	~(')	
1	Speaker	S-C	- 10	Test time:1h32mins Unit shutdown immediately ar Recoverable, no damage, no	
2	Speaker	Max non. clipped	PCB near U18:25.2K Battery surface:8.3K Enclosure inside:12.3K Enclosure outside:9.0K Ambient: 24.5 °C	Test time:1h32mins no damage, no hazard.	30
3	Battery + -	S-C		Test time=10mins; Result: Unit shutdown immed Recoverable, no damage, no	
Dischar	ge mode	I	Ra	80	
				-(-)	_
4	U4(pin1- pin8)	S-C		Test time=10mins; Result: Speaker stop working shutdown immediately and Re damage, no hazards.	
5	Battery + -	S-C	-	Test time=10mins; Result: Unit shutdown immed Recoverable, no damage, no	
6	C1	S-C	10 -	Test time=10mins; Result: Unit shutdown immed Recoverable, no damage, no	
	Winding tem	perature rise	measurements		
	Ambient tem	perature T2	: (O°)		—
	Ambient tem	perature t2 (°C)(°C)	So	
			open-circuited, O-L=overload		~(
	•			ween primary and accessible pa	
			clared by the manufacturer is 5-35=140K, 55K for enclosur	s 35°C. Temperature rise base e outside.	d on Class B
-			s tested with each source of t		

Each fault where fuse opened was tested with each source of fuse with the same result.

14	TABLE: list of crit	tical components	and materials	. Ci		Р
Object/part No	. Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)		rk(s) of ormity1)
Enclosure	KINGFA SCI&TECH CO LTD	JH8- R20T05(ddd)	V-1	UL94	UL E	171666
PCB	interchangeable	interchangeable	V-1,130 ℃	UL94,UL796	ULZ	ZPMV2
Battery	Dongguan Vander- waalsforces li-ion Battery Technology Co.,Ltd	HL 603030	3.7V 500mAh	IEC 62133- 2:2017	Ro No:SA	NCI eport 1908221)2001
	Ro		10			- Q
14	~()	IEC60065M - A	TACHMENT			~(
Clause F	Requirement + Test	0		Result - Remark		Verdict
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C	IEC60065M - ATTACHMEN	л (С	
Clause	Requirement + Test	Result - Remark	Verdic
3	General requirements		N
3.Z1	 Protective devices To protect against excessive current, short- circuits and earth faults in MAINS, protective devices shall be included either as integral parts of the equipment or as parts of the building installation, subject to the following, a), b) and c): a) except as detailed in b) and c), protective devices necessary to comply with the requirements of Clause 11 shall be included as parts of the equipment; b) for components in series or parallel with the mains input to the equipment such as the supply cord, appliance coupler, r.f.i. filter and switch, short-circuit and earth fault protection may be provided by protective devices in the building installation; c) it is permitted for equipment supplied via an industrial mains plug or for PERMANENTLY CONNECTED APPARATUS, to rely on dedicated over current and short-circuit protection in the building installation, provided that the means of protection, e.g. fuses or circuit breakers, is fully specified in the installation instructions. If reliance is placed on protection in the building installation, the installation instructions shall so state, except that for apparatus not supplied via an industrial mains plug or for PERMANENTLY CONNECTED APPARATUS the building installation, shall be regarded as providing protection in accordance with the rating of the wall socket outlet. 	8070	N
4	General test conditions		N
.1.1	Replace the text of the note by: NOTE For ROUTINE TEST, reference is made to EN 50514:2008.	2	N
2	°Cro	°C _C	0(
7	BCT	°Cr_	B



Team.	IEC60065M - ATTACHMENT	1000	
Clause	Requirement + Test	Result - Remark	Verdict
6	Hazardous radiations		N
6.1	Replace the entire subclause by the following:Apparatus including a potential source of ionizing radiation shall be so constructed that personal protection against ionizing radiation is provided under normal operating conditions and under fault conditions.Compliance is checked by measurement under the following conditions:In addition to the normal operating conditions, all controls adjustable from the outside BY HAND, by any object such as a tool or a coin, and those internal adjustments or pre-sets which are not locked in a reliable manner, are adjusted so as to give maximum radiation whilst maintaining an intelligible picture for 1 h, at the end of which the	807	N N
C B(measurement is made. NOTE 1 Soldered joints and paint lockings are examples of adequate locking. The dose-rate is determined by means of a radiation monitor with an effective area of 10 cm ² , at any point 10 cm from the outer surface of the apparatus Moreover, the measurement shall be made under fault conditions causing an increase of the high- voltage, provided an intelligible picture is maintained for 1 h, at the end of which the measurement is made. The dose-rate shall not exceed 1 µSv/h (0,1	BC,	
NC N	 mR/h) taking account of the background level. NOTE 2 These values appear in Council Directive 96/29/Euratom of 13 May 1996. A picture is considered to be intelligible if the following conditions are met: a scanning amplitude of at least 70 % of the usable screen width; a minimum luminance of 50 cd/m² with locked blank raster provided by a test generator; a horizontal resolution corresponding to at least 1,5 MHz in the centre, with a similar vertical degradation; 		Bo
	- not more than one flashover per 5 min.		
16	External flexible cords		<u>N</u>
16.1	Add the following note after the first paragraph: NOTE Z1 The harmonized code designations corresponding to the IEC cord types are given in Annex ZD.	0	N

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lause	Requirement + Test	Result - Remark	Verdict
1	Protection against excessive sound pressure from	personal music players	N
1.1	General		N
	This subclause specifies requirements for protection		
~	against excessive sound pressure from personal	~	
R	music players that are closely coupled to the ear.	Ro	
~	Requirements for earphones and headphones	\sim () >	
	intended for use with personal music players are also	-/~	
	covered.	- (Y
	A personal music player is a portable equipment for	100	
	personal use, that:		
	- is designed to allow the user to listen to recorded or		
	broadcast sound or video; and		
	- uses a listening device, such as headphones or		
	earphones that can be worn in or on or around the		100
	ears; and		Q.
	- is body worn (of a size suitable to be carried in a		26
6	clothing pocket) and is intended for the user to walk		6
()	around while in use.		
	EXAMPLES CD players, MP3 audio players, mobile phones with MP3 type features, PDA's or similar equipment.		
	A personal music player shall comply with the		
	requirements of this subclause.		
	NOTE 1 Protection against acoustic energy sources from telecom		
	terminal equipment is referenced to ITU-T Recommendation P.360.		
	The requirements in this subclause are valid for music		
0	or video mode only.	0	
01	The requirements do not apply to:	20.	
	- professional equipment; NOTE 2 Professional equipment is equipment sold through special	67	
	sales channels. All products sold through normal electronics stores	10	1
	are considered not to be professional equipment.		
	- hearing aid equipment and other devices for		
	assistive listening;		
	- the following types of analogue personal music		
	players:		
	 long distance radio receiver (for example, a 		100
	multiband radio receiver or a		0
	world band radio receiver, an AM radio receiver) and		Se
h	cassette player/recorder;		
\cap	NOTE 3 This exemption has been allowed because this technology		
L	is falling out of use and it is expected that within a few years it will no longer exist. This exemption will not be extended to other	-	
	technologies.		
	- player while connected to an external amplifier that		
	does not allow the user to walk around while in use.		
	For equipment clearly designed or intended for use by		1
	young children, the limits of EN 71-1 apply.		Sr
h		2	
0	-/0	-10	



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Clause	Requirement + Test	Result - Remark	Verdict
1.2	Equipment requirements		N
	No safety provision is required for equipment that complies with the following:		
	- equipment provided as a package (personal music		
1	player with its listening device), where the acoustic	A	
R	output $L_{Aeq,T}$ is $\leq 85 \text{ dB}(A)$ measured while playing the fixed "programme simulation noise" as described in	Ro	
\sim	EN 50332-1; and	\sim () >	÷
	 personal music player provided with an analogue electrical output socket for a listening device, where 	-//	0
	the electrical output is $\leq 27 \text{ mV}$ measured as		- ·
	described in EN 50332-2, while playing the fixed		
	"programme simulation noise" as described in EN 50332-1.		
	NOTE 1 Wherever the term acoustic output is used in this		
	subclause, the 30 s A-weighted equivalent sound pressure level LAeq,T is meant. See also Z1.5 and Annex ZE.		
	All other equipment shall:		
	a) protect the user from unintentional acoustic outputs		0
	exceeding those mentioned above; and b) have a standard acoustic output level not		50
6	exceeding those mentioned above, and automatically		
()	return to an output level not exceeding those mentioned above when the power is switched off; and		
New	c) provide a means to actively inform the user of the		
	increased sound pressure when the equipment is operated with an acoustic output exceeding those		
	mentioned above. Any means used shall be		
	acknowledged by the user before activating a mode		
	of operation which allows for an acoustic output exceeding those mentioned above. The		
A.	acknowledgement does not need to be repeated	A.	
SI	more than once every 20 h of cumulative listening time; and	50	
-(NOTE 2 Examples of means include visual or audible signals.	-('>	· · · ·
	Action from the user is always required.	-//	0
	NOTE 3 The 20 h listening time is the accumulative listening time, independent how often and how long the personal music player		-
	has been switched off.		
	d) have a warning as specified in Z1.3; and e) not exceed the following:		
	1) equipment provided as a package (player with its listening device), the acoustic output shall be ≤ 100		
	listening device), the acoustic output shall be ≤ 100		
	dB(A) measured while playing the fixed "programme simulation noise" described in EN 50332-1; and		1
	2) a personal music player provided with an analogue		12
2	electrical output socket for a listening device, the electrical output shall be ≤ 150 mV measured as	12	20
0	described in EN 50332-2, while playing the fixed	-/_	
0.	"programme simulation noise" described in EN 50332-1.		
	For music where the average sound pressure (long		
	term LAeq,T) measured over the duration of the song is lower than the average produced by the programme		
	simulation noise, the warning does not need to be		
	given as long as the average sound pressure of the		D
	song does not exceed the basic limit of 85 dB(A). In this case, T becomes the duration of the song.	D	50
2	NOTE 4 Classical music typically has an average sound pressure	-10	
	(long term LAeq,T) which is much lower than the average programme simulation noise. Therefore, if the player is capable to	()	
Sec.	analyse the song and compare it with the programme simulation		
	noise, the warning does not need to be given as long as the average sound pressure of the song is below the basic limit of 85		
	dB(A).		
	NOTE 5 For example, if the player is set with the programme simulation noise to 85 dB(A), but the average music level of the		
	song is only 65 dB(A), there is no need to give a warning or ask an		
~	acknowledgement as long as the average sound level of the song is not above the basic limit of 85 dB(A).	A	
19		No	



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C	IEC60065M - ATTACHMENT	10
Clause	Requirement + Test	Result - Remark
Z1.3	The warning shall be placed on the equipment, or on the packaging, or in the instruction manual and shall consist of the following: - the symbol of Figure Z1 with a minimum height of 5 mm; and - the following wording, or similar: To prevent possible hearing damage, do not listen at high volume levels for long periods.	8070
NC.	Figure Z1 – Warning label (IEC 60417-6044) Alternatively, the entire warning may be given through	
	the equipment display during use, when the user is	
	asked to acknowledge activation of the higher level.	
Z1.4 Z1.4.1	Requirements for listening devices (headphones, e Corded passive listening devices with analogue	earphones, etc.)
80	input With 94 dB(A) sound pressure output $L_{Aeq,T}$, the input voltage of the fixed "programme simulation noise" described in EN 50332-2 shall be \geq 75 mV. This requirement is applicable in any mode where the headphones can operate including any available setting (for example built-in volume level control, an additional sound feature like equalization, etc.). NOTE The values of 94 dB(A) – 75 mV correspond with 85 dB(A) – 27 mV and 100 dB(A) – 150 mV.	BOTO
Z1.4.3	Cordless listening devices In wireless mode: – with any playing and transmitting device playing the fixed programme simulation noise described in EN 50332-1; and – respecting the wireless transmission standards, where an air interface standard exists that specifies the equivalent acoustic level; and – with volume and sound settings in the listening device (for example built-in volume level control, additional sound feature like equalization, etc.) set to the combination of positions that maximize the measured acoustic output for the above-mentioned programme simulation noise, the acoustic output LAeq,T of the listening device shall be \leq 100 dB(A).	20
Z1.5	Measurement methods Measurements shall be made in accordance with EN 50332-1 or EN 50332-2 as applicable. Unless stated otherwise, the time interval T shall be 30 s. NOTE Test method for cordless equipment provided without listening device should be defined.	807



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lause	Requirement + Test	Result - Remark	Verdict
lause	ANNEXES	Result - Remain	
Annex B	Replace the text of Note 1 by the following: In the CENELEC countries listed in IEC 62151, special national conditions apply.		N N
Annex N	After the note in N.1, add the following: For ROUTINE TEST, reference is made to EN 50514:2008.	BOT	N
	10 10	10	
ZA	NORMATIVE REFERENCES TO INTERNATIONAL THEIR CORRESPONDING EUROPEAN PUBLICAT		
ZB	ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN	J)	N
2.6.1	Denmark The following is added: Certain types of Class I apparatus, see 15.1.1, may be provided with a plug not establishing earthing	• ·	N B
C	continuity when inserted in Danish socket-outlets Justification: Heavy Current Regulations, Section 6c		
3.Z1 0 5.4	DenmarkAdd to the end of the subclauseDue to many existing installations where the socket- outlets can be protected with fuses with higher rating than the rating of the socket-outlets the protection for pluggable equipment type A shall be an integral part of the equipment. Justification: In Denmark an existing 13 A socket outlet can be protected by a 20 A fuse.Denmark, Finland, Norway and Sweden	BCTC	N N
0.4	To the end of the subclause the following is added: CLASS I apparatus which is intended for connection to the building installation wiring via a plug or an appliance coupler, or both and in addition is intended for connection to other apparatus or a network shall, i safety relies on connection to protective earth or if surge suppressors are connected between the network TERMINALS and ACCESSIBLE parts, have a marking stating that the apparatus must be connected to an earthed MAINS socket-outlet. The marking text in the applicable countries shall be as follows:	070	BC
°C	In Denmark : "Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord." In Finland : "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway : "Apparatet må tilkoples jordet stikkontakt" In Sweden : "Apparaten skall anslutas till jordat uttag"		BO



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	IEC60065M - ATTACHMENT		Vordiot
Clause	Requirement + Test	Result - Remark	Verdict
5.5.2	Norway and Sweden Add to the end of 5.5.2 (after the compliance		N
	statement) the following:		
	The screen of the coaxial cable of the television		
A	distribution system is normally not earthed at the	A	
50	entrance of the building and there is normally no	00.	
	equipotential bonding system within the building.	67	
	Therefore the protective earthing of the building	10	N
	installation need to be isolated from the screen of a		
	coaxial cable based television distribution system.		
	It is however accepted to provide the insulation		
	external to the apparatus by an adapter or an		
	interconnection cable with galvanic isolator, which		
	may be provided by a retailer, for example.		
	The user manual shall then have the following or		R
	similar information in Norwegian and Swedish		50
0	language respectively, depending on in what country		<u>_</u>
()	the apparatus is intended to be used in: "Apparatus connected to the protective earthing of the		
The second se	building installation through the MAINS connection or	5	
	through other apparatus with a connection to		
	protective earthing – and to a television distribution		
	system using coaxial cable, may in some		
	circumstances create a fire hazard. Connection to a		
A.	television distribution system has therefore to be	~	
18	provided through a device providing electrical	Ro	
~(isolation below a certain frequency range (galvanic	~()>	
	isolator, see EN 60728-11)"	-10	6. C
	NOTE In Norway, due to regulation for installations of CATV- installations, and in Sweden, a galvanic isolator shall provide		
	electrical insulation below 5 MHz. The insulation shall withstand a		
	dielectric strength of 1,5 kV r.m.s., 50 Hz or 60 Hz, for 1 min.		
	Translation to Norwegian (the Swedish text will also		
	be accepted in Norway):		
	"Utstyr som er koplet til beskyttelsesjord via nettplugg		
	og/eller via annet jordtilkoplet utstyr – og er tilkoplet e		0
	kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av utstyret til	0	00
7	kabel-TV nettet installeres en galvanisk isolator	L. 7-	
0	mellom utstyret og kabel-TV nettet."	10	
Sec.	Translation to Swedish:	-	
	"Utrustning som är kopplad till skyddsjord via jordat		
	vägguttag och/eller via annan utrustning och samtidig	jt	
	är kopplad till kabel-TV nät kan i vissa fall medfőra		1.00
	risk főr brand.		R
S	Főr att undvika detta skall vid anslutning av		20
0	utrustningen till kabel-TV nät galvanisk isolator finnas	-10	1
6 3	mellan utrustningen och kabel-TV nätet."	1	
13.3.1	Norway		N
	Add to the second paragraph the following:		
	Due to the IT power distribution system used, the a.c		
	MAINS supply voltage is considered to be equal to the		
	line-to-line voltage, and will remain 230 V in case of a		
~	single earth fault.	~	
12	Justification: Based on a use in Norway of an IT power distribution	Ro	
~(system where the neutral is not provided	~()>	
	Tayatem where the neutral is not provided	-/-	



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1	IEC60065M - ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
15.1.1	Denmark To the first paragraph the following is added: In Denmark, supply cords of single phase appliances having a rated current not exceeding 13 A shall be provided with a plug according to DS 60884-2-D1. Appliances of Class I provided with socket-outlets with earth contact or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules shall be provided with a plug which assure earth continuity with the socket-outlet in accordance with DS 60884-2-	8070	N
² C	D1. If a single-phase equipment having a RATED CURRENT exceeding 13 A or if a poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with the standard sheets DK 6-1a in DS 60884-2-D1 or EN 60309-1. To the second paragraph the following is added: Socket outlets intended for providing power to Class II apparatus with a rated current of 2,5 A shall be in accordance with DS 60884-2-D1 standard sheet DKA 1-4a. Other current rating socket outlets shall be in		30
8	Other current rating socket outlets shall be in compliance with DS 60884-2-D1 Standard Sheet DKA 1-3a or DKA 1-1c. To the third paragraph the following is added: Mains socket-outlets with earthing contact shall be in compliance with DS 60884-2-D1, Standard sheet DK 1-3a, DK 1-1c, DK 1-1d, DK 1-5a or DK 1-7a Justification: Heavy Current Regulations, Section 6c	BCTC	i.
15.1.1	Ireland Apparatus which is fitted with a flexible cable or cord shall be provided with a plug in accordance with Statutory Instrument 525: 1997, "13 A Plugs and Conversion Adapters for Domestic Use Regulations: 1997. Justification: SI 525: 1997	-70	N BC



Verdict

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IEC60065M - ATTACHMENT Clause Requirement + Test Result - Remark 15.1.1 Norway Mains socket-outlets mounted on Class II apparatus shall comply with the specifications given in CEE Publ. 7 as far as applicable, with the following amendments: § 8 Dimensions a) 2,5 A 250 V two-pole socket-outlets for electronic apparatus shall comply with the enclosed Standard Sheet I. STANDARD SHEET I 2,5 A 250 V two-pole socket-outlets for electronic Apparatus shall comply with the enclosed Standard Sheet I. STANDARD SHEET I 2,5 A 250 V SOCKET-OUTLET FOR ELECTRONIC APPLIANCES OF CLASS II Immensions in mm Other dimensions according to CEE Publication 7 Standard Sheet I Protrable Single-Way Socket-Outlets". § 24 Mechanical strength a) 2,5 A, 250 V socket-outlets for Class II electronic apparatus are tested as specified in EN 60065:2014, 12.1.3. Also the protecting rim shall be tested. Justification: Act of 24 May 1929 relating to supervision of electrical installation (TEA 1929/FEL 1998).	15.1.1 No Ma shi Pu am § 8 a) ap Sh Sh	rway ins socket-outle all comply with bl. 7 as far as a nendments: 3 Dimensions 2,5 A 250 V two paratus shall co eet I. TANDARD SHEET 5 A/250 V SOCKE	est lets mounted on the specification applicable, with ro-pole socket-on omply with the e	n Class II appa ns given in Cl the following putlets for elec	R aratus EE ctronic	esult - Remark
 15.1.1 Norway Mains socket-outlets mounted on Class II apparatus shall comply with the specifications given in CEE Publ. 7 as far as applicable, with the following amendments: § 8 Dimensions a) 2,5 A 250 V two-pole socket-outlets for electronic apparatus shall comply with the enclosed Standard Sheet I. STANDARD SHEET I 2.5 A/250 V SOCKET-OUTLET FOR ELECTRONIC APPLIANCES OF CLASS II 	15.1.1 No Ma shi Pu am § 8 a) ap Sh Sh	rway ins socket-outle all comply with bl. 7 as far as a nendments: 3 Dimensions 2,5 A 250 V two paratus shall co eet I. TANDARD SHEET 5 A/250 V SOCKE	lets mounted on the specification applicable, with ro-pole socket-on omply with the e	ns given in Cl the following putlets for elec	aratus EE	tesult - Remark
Mains socket-outlets mounted on Class II apparatus shall comply with the specifications given in CEE Publ. 7 as far as applicable, with the following amendments: § 8 Dimensions a) 2,5 A 250 V two-pole socket-outlets for electronic apparatus shall comply with the enclosed Standard Sheet I. <u>STANDARD SHEET 1</u> 2,5 A/250 V SOCKET-OUTLET FOR ELECTRONIC <u>APPLIANCES OF CLASS II</u> <u>27,5 min.</u> <u>27,5 min.</u> <u>27,5 min.</u> <u>27,5 min.</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,5.0</u> <u>15+0,</u>	Ma shi Pu am § & a) ap Sh Sh	ains socket-outh all comply with bl. 7 as far as a nendments: Dimensions 2,5 A 250 V two paratus shall co eet I. TANDARD SHEET 5 A/250 V SOCKE	the specification applicable, with ro-pole socket-or omply with the e	ns given in Cl the following putlets for elec	EE	B
bimensions in mm Other dimensions according to CEE Publication 7 Standard Sheet I "Portable Single-Way Socket-Outlets". § 24 Mechanical strength a) 2,5 A, 250 V socket-outlets for Class II electronic apparatus are tested as specified in EN 60065:2014, 12.1.3. Also the protecting rim shall be tested. Justification: Act of 24 May 1929 relating to supervision of		New York, No.		21 - MP022-51		
	C P "I § 2 a) ap 12 Ju Ac	imensions in mm other dimension ublication 7 Sta Portable Single 24 Mechanical s 2,5 A, 250 V so paratus are tes 1.3. Also the p stification: t of 24 May 192	ns according to (andard Sheet I -Way Socket-Ou strength ocket-outlets for sted as specified protecting rim sh 29 relating to su	CEE outlets". r Class II elect d in EN 60065 nall be tested. upervision of	stronic 5:2014,	BC

12.1.3. Also the protecting rim shall be tested. Justification:
Act of 24 May 1929 relating to supervision of electrical installation (TEA 1929/FEL 1998).
United Kingdom
Apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS 1363 by means of that flexible cable or cord and plug shall be fitted with a "standard plug" in accordance with Statutory Instrument 1768: 1994: The Plugs and Sockets etc. (Safety) Regulations 1994, unless exempted by those Regulations. NOTE "Standard plug" is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug. Justification: SI 1768: 1994

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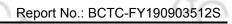
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	倍测检测
встс	BCTC TEST

Clause	Requirement + Test	Result - Remark	Verdict
Annex B	Finland, Norway and Sweden All sub clauses given below are sub clauses of IEC 62151 (ref. corrigenda 1 and 2 to IEC 62151).		N
B	Subclause 4.1.1 (corrigendum 2): Add after the first paragraph: NOTE In Finland, Norway and Sweden, CLASS I equipment which is intended for connection to the building installation via a non-industrial plug or a non- industrial appliance coupler, or both and in addition is intended for connection to other equipment or a network shall, if safety relies on connection to protective earth or if surge suppressors are connected between the network terminals and	BOR	
	ACCESSIBLE parts, has a marking stating that the equipment must be connected to an earthed mains socket-outlet.		30
Č.	The marking text in the applicable countries shall be as follows: In Finland: " Laite on liitettävä suojakoskettimilla		- (
	varustettuun pistorasiaan " In Norway: "Apparatet må tilkoples jordet stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag" Subclause 4.1.4 (corrigendum 1) Add at the end of the subclause:		
B	NOTE In Norway , for requirements see 4.1.1, note and 5.3.1, note 1. Subclause 4.2.1.2 (corrigendum 1) Add at the end of the subclause: NOTE 3 In Norway , for requirements see 5.3.1, note 1.	BOTO	
	Subclause 4.2.1.3 (corrigendum 2) Add at the end of the subclause: NOTE In Norway , for requirements see 4.1.1, note and 5.3.1, note 1.		
~	Subclause 4.2.1.4 (corrigendum 1) Number the existing note as NOTE 1 and add at the end of the subclause the following NOTE 2:		Bo
C	NOTE 2 In Norway , for requirements see 4.1.1, note and 5.3.1, note 1. Subclause 5.3.1 (corrigendum 1) Add after the first test specifications paragraph:	C.	
7-	NOTE 1 In Finland , Norway and Sweden , there are additional requirements for the insulation. Renumber the existing note as NOTE 2. For additional requirements for the insulation in		Be
C	Finland, Norway and Sweden in NOTE 1 the following text is added between the first and the second paragraph (this text is identical to the corresponding EN 60950-1:2001):	°C	

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Clause	Requirement + Test	Result - Remark	Verdict
B	NOTE 1 In Finland , Norway and Sweden , if this insulation is solid, including insulation forming part of a component, it shall at least consist of either • two layers of thin sheet material, each of which shall pass the electric strength test below, or • one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below	BCT	N
	If this insulation forms part of a semiconductor component (e.g. an optocoupler), there is no distance through insulation requirement for the insulation consisting of an insulating compound completely filling the casing, so that CLEARANCES and CREEPAGE DISTANCES do not exist, if the component passes the electric strength test in the accordance with the compliance clause below and in		R
² C	 addition: passes the test and inspection criteria of 13.6 with an electric strength test of 10.3 using the test voltage of 1,5 kV multiplied by 1,6, and 		50
	 is subject to routine testing for electric strength during manufacturing, using a test voltage of 1,5 kV (for performance of the test see N.2.1). It is permitted to bridge this insulation with a capacitor 		
B	complying with EN 132400:1994, subclass Y2. A capacitor classified Y3 according to EN 132400:1994, may bridge this insulation under the following conditions:	BCT	
	• the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 132400, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in IEC 62151:2000, 6.2.1;		
	 the additional testing shall be performed on all the test specimens as described in EN 132400; the impulse test of 2,5 kV is to be performed before the endurance test in EN 132400 in the sequence of 		Br
C	tests as described in EN 132400. Subclause 5.3.2 (corrigendum 1) Add after the fourth dash: NOTE In Finland , Norway and Sweden , exclusions are applicable for equipment which is intended for	-10	
7-	connection to the building installation wiring using screw terminals or other reliable means, and for equipment which is intended for connection to the building installation wiring via an industrial plug and		BC
C	socket -outlet or an appliance coupler, or both, complying with EN 60309 or with a comparable national standard.	C.	

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C	IEC60065M - ATTACHMENT	0	
lause	Requirement + Test	Result - Remark	Verdict
2 B(Norway After Table J.1 the following is added: Due to the IT power distribution system used, the a.c. MAINS supply voltage is considered to be equal to the line-to-line voltage, and will remain 230 V in case of a single earth fault. Justification: Based on a use in Norway of an IT power distribution system where the neutral is not provided	BCTC	N
с	ANNEX ZC, NATIONAL DEVIATIONS (EN)		N
C B	Italy The following requirements shall be fulfilled: - The power consumption in Watts (W) shall be indicated on TV receivers and in their instruction for use (Measurement according to IEC 60107-1) NOTE EN 60555-2 has since been replaced by IEC 60107-1:1997. - TV receivers shall be provided with an instruction for use, schematic diagrams and adjustments procedure in Italian language. - Marking for controls and terminals shall be in Italian language. Abbreviation and international symbols are allowed provided that they are explained in the instruction for use. - The ECC manufacturers are bound to issue a conformity declaration according to the above requirements in the instruction manual. The correct statement for conformity to be written in the instruction manual, shall be: Questo apparecchio è fabbricato nella CEE nel rispetto delle disposizioni del D.M. marzo 1992 ed è in particolare conforme alle prescrizioni dell'art. 1 dello stesso D.M.	3070	N S
Č	 The first importers of TV receivers manufactured outside EEC are bound to submit the TV receivers for previous conformity certification to the Italian Post Ministry (PP.TT). The TV receivers shall have on the backcover the certification number in the following form: D.M. 26/03/1992 xxxx/xxxx/S or T or pT S for stereo T for teletext pT for retrofitable teletext 	CYC	B

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A	倍测检测
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Clause	Requirement + Test	Result - Remark	Verdict
6.1	GermanyThe following requirement applies:For the operation of any cathode ray tube intended forthe display of visual images operating at anacceleration voltage exceeding 40 kV, authorization isrequired, or application of type approval(Bauartzulassung) and marking.Justification:German ministerial decree against ionizing radiation(Röntgenverordnung), in force since 2002-07-01,implementing the Council Directive 96/29/Euratom inGermany.NOTE Contact address:Physikalisch-Technische Bundesanstalt, Bundesallee 100, D-38116 Braunschweig, Tel.: Int+49-531-592-6320, Internet:http://www.ptb.de	~	N
14.1	Sweden The following requirements shall be fulfilled: Switches containing mercury such as thermostats, relays and level controllers are not allowed.		N
	EN 60065: 2014 / A11: 2017		Р
zc	ANNEX ZC, NATIONAL DEVIATIONS (EN)	~	N
0	A-deviations, delete the Italian deviation on Clause 5.1.	SCr.	N







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710N TOOL ON 2019-11-06.

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