Report No. **48.400.13.7611.00-00/01**

Dated **2014-01-08**

China

Technical Report

Applicant:

Attn:

Manufacture: Not specify.

Test subject: The tested object(s) was(were) submitted and described by client as:
Product Name: ADAPTOR

Covered Model: 271/270/272, 261/260/262, 915/917/922/924/926/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956

Test specification: **2011/65/EU (ROHS) Directive**
Test with reference to EN 62321:2009

Test result: Refer to the data listed in following pages

Conclusion: With regard to the data of tested components, the requirements of Directive 2011/65/EU (ROHS) are **complied.**

Remarks:

1. The result relates only to the items tested.
2. Samples were tested as received.
3. The covered models were only based on the guarantee letter(self-declaration) which was offered by clients, and TÜV SÜD takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client.

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1. Order

1.1 Date of Purchase Order
2013-12-26

1.2 Customer's Reference
Nil

1.3 Receipt Date of Test Sample
2013-12-26,

1.4 Date of Testing
2013-12-27 ~ 2014-01-07

1.5 Document submitted
Nil

1.6 Location of Testing
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2. Description of the tested specimen

Sample No.	Result	Description	Photograph/Location
01	**Pass**	White plastic shell	
02	**Pass**	Transparent blue plastic piece	
03	**Pass**	Transparent purple plastic piece	

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Sample No.	Result	Description	Photograph/Location
04	**Pass**	Silvery grey metal screw	
05	**Pass**	Silvery grey metal pin	
06	**Pass**	Black PBT frame of socket	
07	**Pass**	Silvery grey metal plug pin, copper alloy with silvery coating	

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Sample No.	Result	Description	Photograph/Location
08	**Pass**	Transparent plastic piece	
09	**Pass**	Fuse, white ceramic	
10	**Pass**	Silvery grey metal pin	
11	**Pass**	Red wire jacket	

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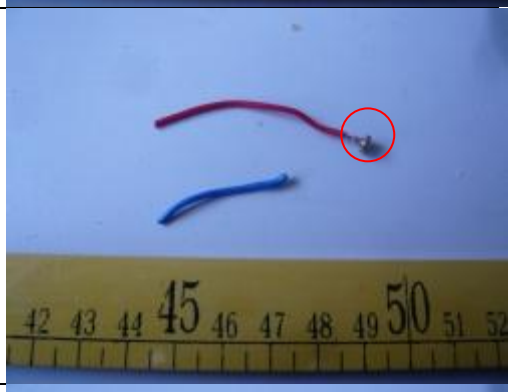
Sample No.	Result	Description	Photograph/Location
12	**Pass**	Blue wire jacket	
13	**Pass**	Inner copper wire	
14	**Pass**	Copper piece	
15	**Pass**	Copper alloy piece, yellow	

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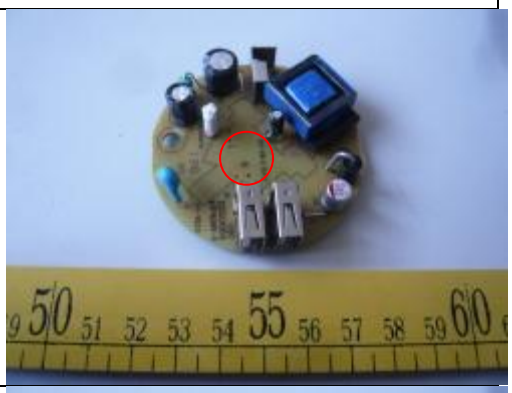
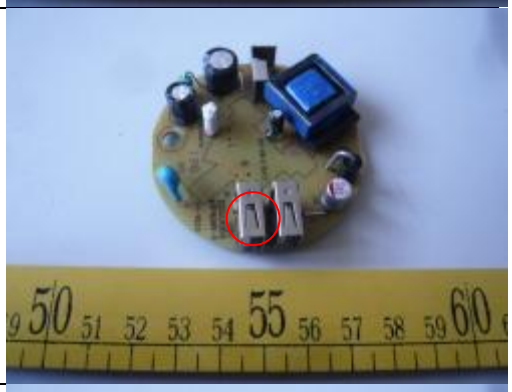
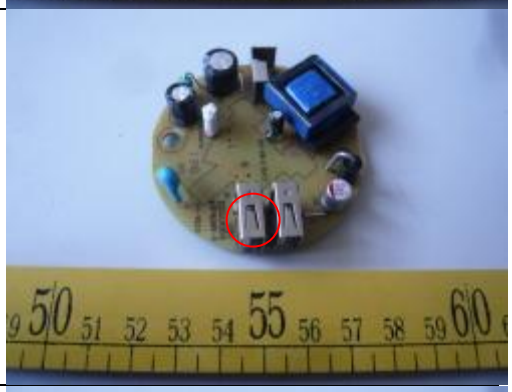
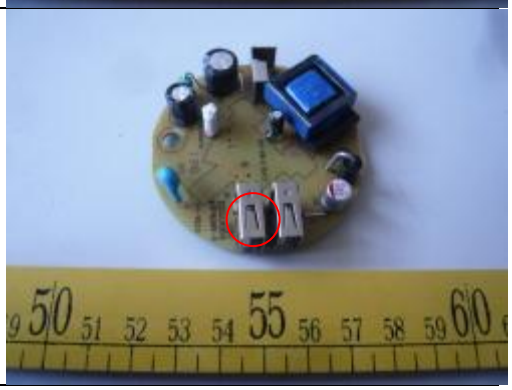
Sample No.	Result	Description	Photograph/Location
16	**Pass**	PCB board, Brown polymer resin board	
17	**Pass**	PCB board, USB socket, silvery metal	
18	**Pass**	PCB board, USB socket, white plastic piece	
19	**Pass**	PCB board, USB socket, metal contractor piece	

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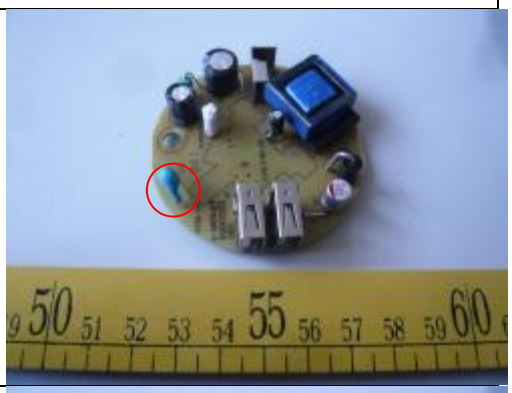
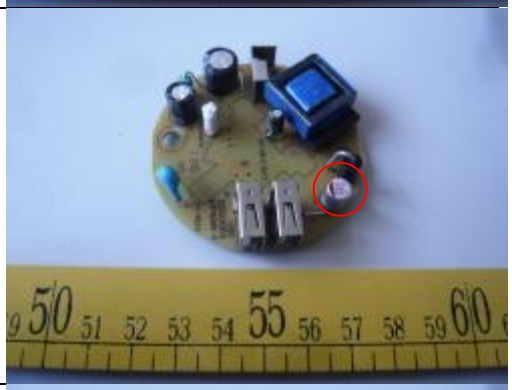
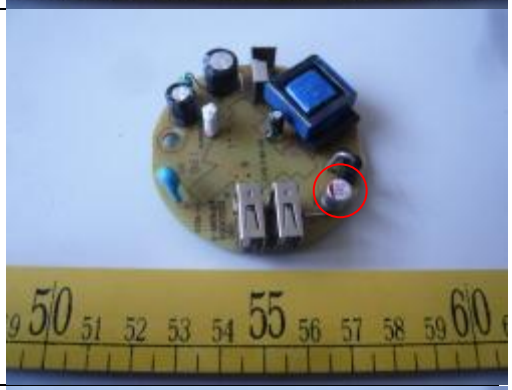
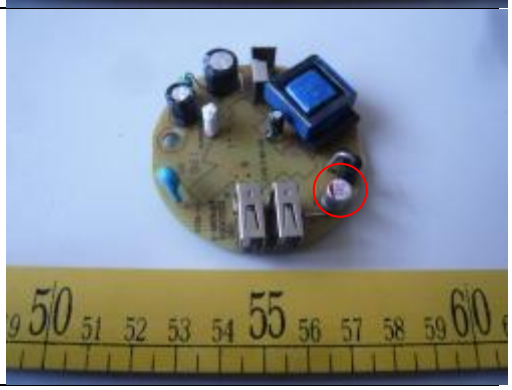
Sample No.	Result	Description	Photograph/Location
20	**Pass**	PCB board, Blue capacitor body	
21	**Pass**	PCB board, AL shell of capacitor	
22	**Pass**	PCB board, Inner film of capacitor	
23	**Pass**	PCB board, Inner metal pin of capacitor	

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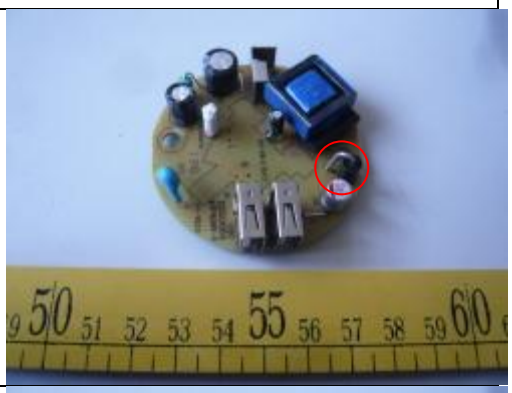
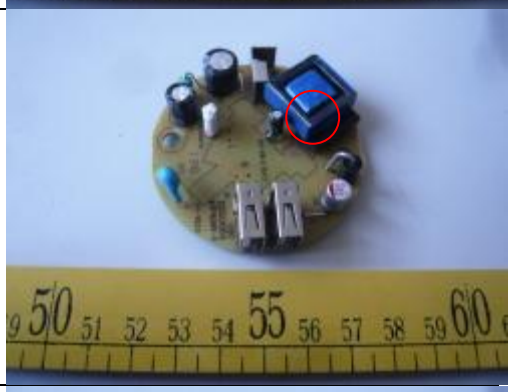
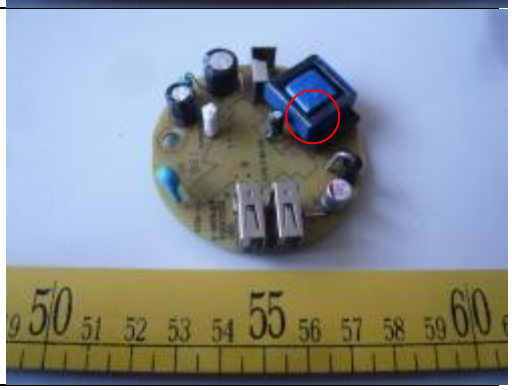
Sample No.	Result	Description	Photograph/Location
24	**Pass**	PCB board, Black body of diode	
25	**Pass**	PCB board, Metal pin of diode	
26	**Pass**	PCB board, Blue plastic tape of transformer	
27	**Pass**	PCB board, Plastic piece of transformer	

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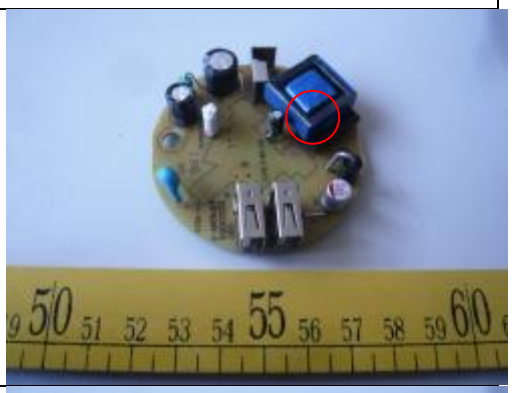
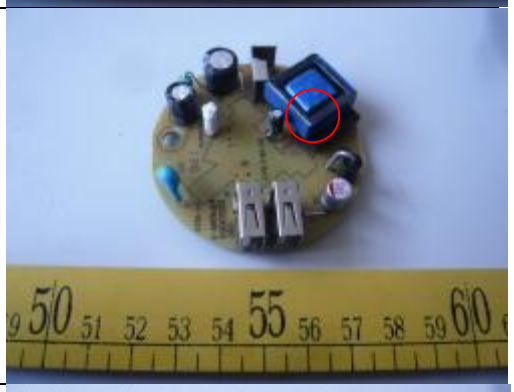
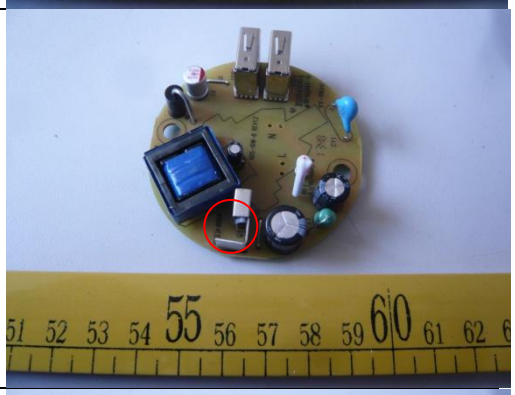
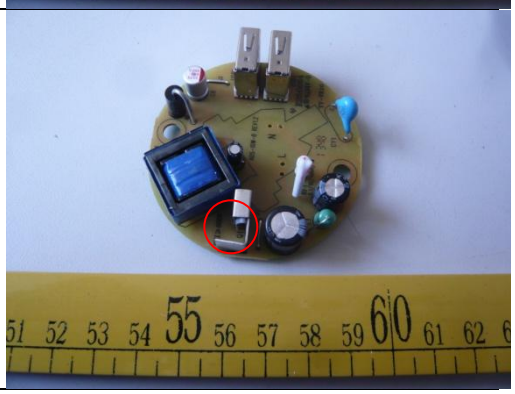
Sample No.	Result	Description	Photograph/Location
28	**Pass**	PCB board, Metal piece of transformer	
29	**Pass**	PCB board, Inner copper piece of transformer	
30	**Pass**	PCB board, Silvery grey metal fin	
31	**Pass**	PCB board, Grey insulation thermal silicon	

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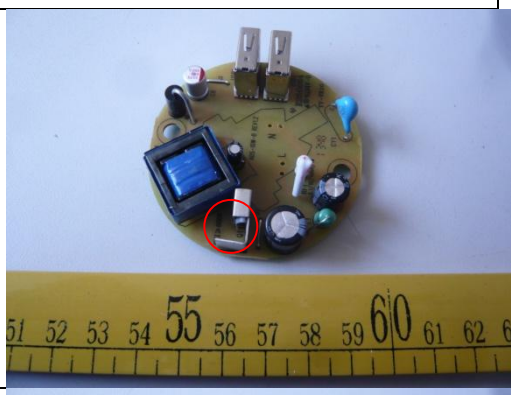
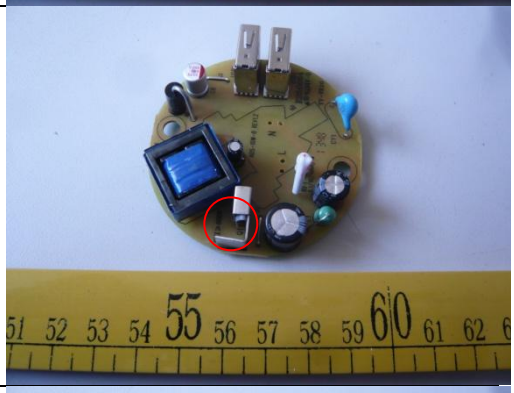
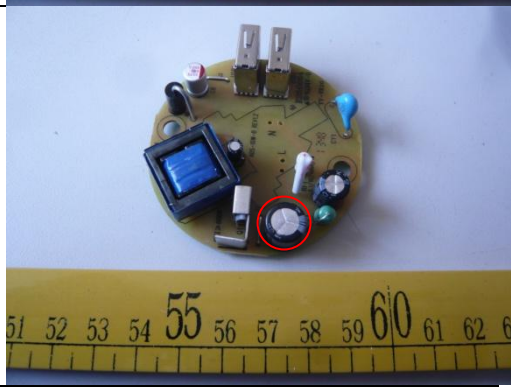
Sample No.	Result	Description	Photograph/Location
32	**Pass**	PCB board, Black IC body	
33	**Pass**	PCB board, Metal pin of black IC	
34	**Pass**	PCB board, Capacitor, black plastic shell	
35	**Pass**	PCB board, Al shell of capacitor	

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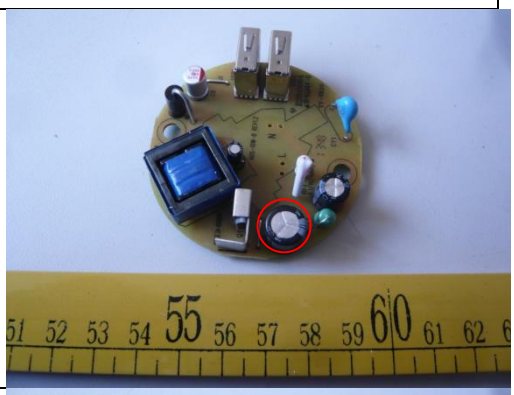
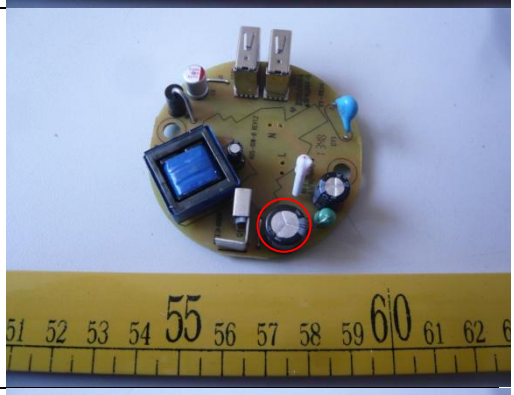
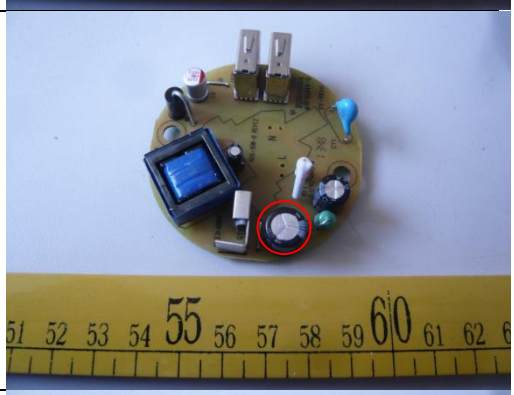
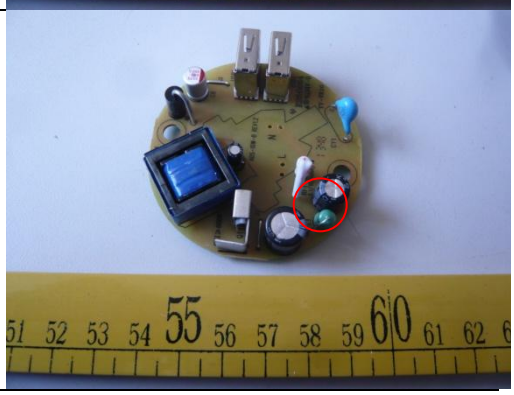
Sample No.	Result	Description	Photograph/Location
36	**Pass**	PCB board, Inner film of capacitor	
37	**Pass**	PCB board, Black plastic block of capacitor	
38	**Pass**	PCB board, Inner metal pin of capacitor	
39	**Pass**	PCB board, Blue resistor body	

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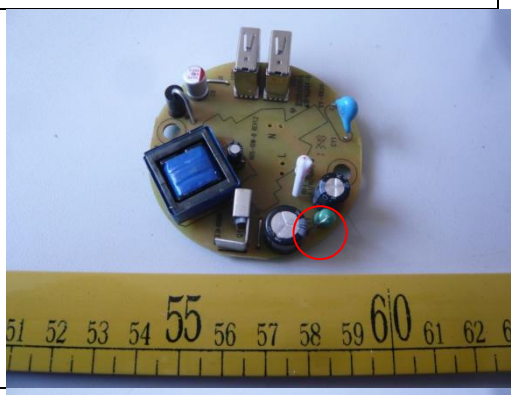
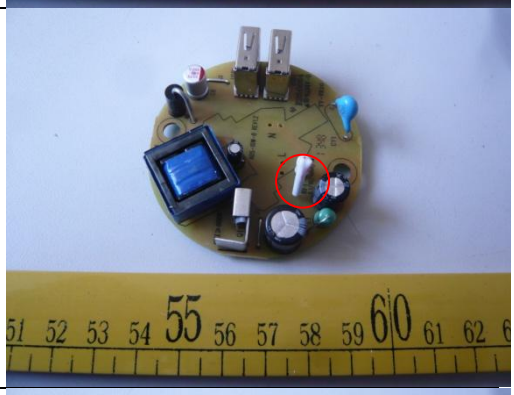
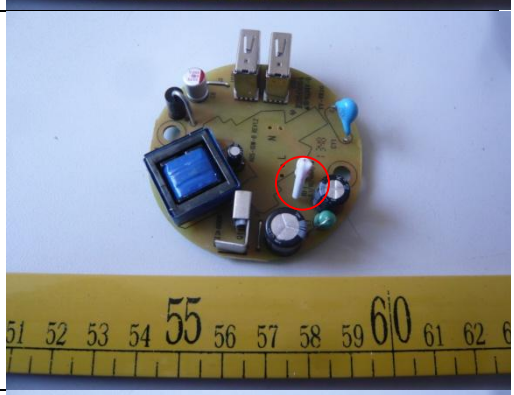
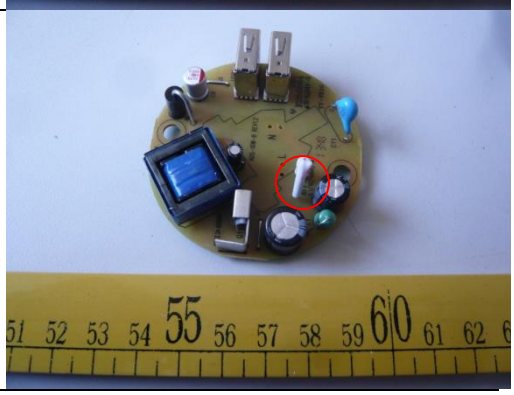
Sample No.	Result	Description	Photograph/Location
40	**Pass**	PCB board, Metal pin of resistor	
41	**Pass**	PCB board, White insulation tube of fuse	
42	**Pass**	PCB board, Silvery metal cap of fuse	
43	**Pass**	PCB board, Glass of fuse	

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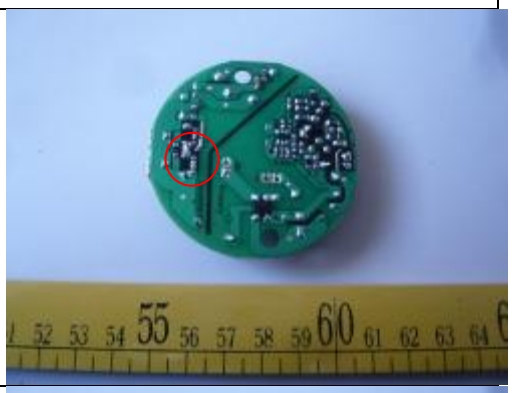
Sample No.	Result	Description	Photograph/Location
44	**Pass**	PCB board, SMD of PCB, A	
45	**Pass**	PCB board, SMD of PCB, B	
46	**Pass**	PCB board, SMD of PCB , C	
47	**Pass**	PCB board, SMD of PCB, D	

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Sample No.	Result	Description	Photograph/Location
48	**Pass**	PCB board, Silvery grey tin solder point	
49	**Pass**	PCB board, Copper bar of PCB	

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3. Test Results

3.1 ED-XRF Spectrometer test for total Cadmium, Chromium, Mercury, Lead and Bromine according to EN 62321:2009

Criteria of XRF test results

Pass:

Because of the nature of the testing procedure (caused by the uncertainty of the used, XRF method), a definite pass is given only if the XRF test score is less than 60% of the respective ROHS limit.

Retest:

If the XRF test score is between 60% and 150% of the respective ROHS limit, further chemical test on the sample is required.

Fail:

A definite FAIL is given if the XRF test score is above 150% of the respective ROHS limit

***Explanation for ROHS limit**

Regarding Chromium and Bromine, the XRF test score shows the total Chromium and the total Bromine, but the ROHS limit of 1000 mg/kg, according to the directive 2011/65/EU, is only for Hexavalent Chromium and Brominated Flame Retardants. Therefore, if the XRF test result for the total Chromium and the total Bromine is more than 600 mg/kg and 300 mg/kg respectively, further analytical tests are necessary to find out the exact amount of Hexavalent Chromium and Brominated Flame Retardants

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Compounds	Total Cadmium [mg/kg]	Total Lead [mg/kg]	Total Mercury [mg/kg]	Total Chromium [mg/kg]	Total Bromine [mg/kg]	OVERALL RESULT
ROHS Limit	**100**	**1000**	**1000**	**1000**	**1000**	
"Pass"	**< 60**	**< 600**	**< 600**	**< 600**	**< 300**	
"Retest"	**60 - 150**	**600 - 1500**	**600 - 1500**	**> 600**	**> 300**	
"Fail "	**> 150**	**> 1500**	**> 1500**	**--**	**--**	
01	<30	<30	<30	<30	**491**	**Retest**
02	<30	<30	<30	<30	<30	**Pass**
03	<30	<30	<30	<30	<30	**Pass**
04	<30	102	<30	**712**	--	**Retest**
05	<30	123	<30	**2781**	--	**Retest**
06	<30	<30	<30	<30	**78913**	**Retest**
07	<30	8912*	<30	<30	--	**Pass**
08	<30	<30	<30	<30	<30	**Pass**
09	<30	<30	<30	<30	<30	**Pass**
10	<30	<30	<30	78	--	**Pass**
11	<30	<30	<30	<30	<30	**Pass**
12	<30	<30	<30	<30	<30	**Pass**
13	<30	<30	<30	<30	--	**Pass**
14	<30	<30	<30	<30	<30	**Pass**
15	<30	162	<30	<30	--	**Pass**
16	<30	<30	<30	<30	**64782**	**Retest**
17	<30	64	<30	**3221**	--	**Retest**
18	<30	<30	<30	<30	**9812**	**Retest**
19	<30	<30	<30	<30	--	**Pass**
20	<30	<30	<30	<30	<30	**Pass**
21	<30	<30	<30	<30	--	**Pass**
22	<30	<30	<30	<30	<30	**Pass**

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China

Compounds	Total Cadmium [mg/kg]	Total Lead [mg/kg]	Total Mercury [mg/kg]	Total Chromium [mg/kg]	Total Bromine [mg/kg]	OVERALL RESULT
ROHS Limit	100	1000	1000	1000	1000	
"Pass"	< 60	< 600	< 600	< 600	< 300	
"Retest"	60 - 150	600 - 1500	600 - 1500	> 600	> 300	
"Fail "	> 150	> 1500	> 1500	--	--	
23	<30	<30	<30	<30	--	Pass
24	<30	<30	<30	<30	3643	Retest
25	<30	<30	<30	<30	--	Pass
26	<30	<30	<30	<30	<30	Pass
27	<30	<30	<30	<30	<30	Pass
28	<30	221	<30	478	--	Pass
29	<30	<30	<30	<30	--	Pass
30	<30	<30	<30	89812	--	Retest
31	<30	<30	<30	<30	<30	Pass
32	<30	<30	<30	<30	192	Pass
33	<30	<30	<30	<30	--	Pass
34	<30	<30	<30	<30	<30	Pass
35	<30	<30	<30	<30	--	Pass
36	<30	<30	<30	<30	<30	Pass
37	<30	<30	<30	<30	<30	Pass
38	<30	<30	<30	<30	--	Pass
39	<30	<30	<30	<30	67	Pass
40	<30	<30	<30	<30	--	Pass
41	<30	<30	<30	<30	<30	Pass
42	<30	<30	<30	<30	--	Pass
43	<30	<30	<30	<30	--	Pass
44	<30	<30	<30	<30	7812	Retest
45	<30	<30	<30	<30	8912	Retest

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Compounds	Total Cadmium [mg/kg]	Total Lead [mg/kg]	Total Mercury [mg/kg]	Total Chromium [mg/kg]	Total Bromine [mg/kg]	OVERALL RESULT
ROHS Limit	**100**	**1000**	**1000**	**1000**	**1000**	
"Pass"	**< 60**	**< 600**	**< 600**	**< 600**	**< 300**	
"Retest"	**60 - 150**	**600 - 1500**	**600 - 1500**	**> 600**	**> 300**	
"Fail "	**> 150**	**> 1500**	**> 1500**	**--**	**--**	
46	<30	40	<30	<30	**10821**	**Retest**
47	<30	<30	<30	<30	**7822**	**Retest**
48	<30	79	<30	<30	--	**Pass**
49	<30	<30	<30	<30	--	**Pass**

Remark:
1. "<" means "less than".
2. "mg/kg" denotes "milligram per kilogram".
3. With regard to the stoichiometry of Br in PBBs and PBDEs, the lower limit for Br is set at 300 mg/kg.
4. " --" means the substance for this sample are not tested.
5. "*" Refer to ROHS Official Exemption Items; 6(c), Copper alloy containing up to 4 % (40,000mg/kg) lead by weight.

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3.2 Wet chemical test

Main instruments used for wet chemical test

Testing Target	Instrument	**Method**
Lead & Cadmium	ICP-OES	**EN 62321:2009**
Mercury	ICP-OES	
Hexavalent Chromium	UV-Vis	
PBBs & PBDEs	GC/MS	

Criteria of chemical test results

Pass:

A definite Pass is given If the chemical test result meets the requirements of ROHS.

Fail:

A definite Fail is given If the chemical test result exceeds the full respective ROHS limit.

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Test Sample	Cadmium [mg/kg]	Lead [mg/kg]	Mercury [mg/kg]	Chromium (VI) [mg/kg]	PBBs (Sum) [mg/kg]	PBDEs (Sum) [mg/kg]	OVERALL RESULT
Limit	**100**	**1000**	**1000**	§	**1000**	**1000**	
04	--	--	--	Negative	--	--	**Pass**
05	--	--	--	Negative	--	--	**Pass**
17	--	--	--	Negative	--	--	**Pass**
30	--	--	--	Negative	--	--	**Pass**
01	--	--	--	--	<50	<50	**Pass**
06	--	--	--	--	<50	<50	**Pass**
16	--	--	--	--	<50	<50	**Pass**
18	--	--	--	--	<50	<50	**Pass**
24	--	--	--	--	<50	<50	**Pass**
44	--	--	--	--	<50	<50	**Pass**
45	--	--	--	--	<50	<50	**Pass**
46	--	--	--	--	<50	<50	**Pass**
47	--	--	--	--	<50	<50	**Pass**

Remark:

1. " --" means the substance for this sample are not tested.
2. "mg/kg" denotes "milligram per kilogram"
4." § " **Positive** indicates the presence of Hexavalent Chromium on the tested areas and result be regarded as conflict with ROHS requirement.
Negative indicates the absence of Hexavalent Chromium on the tested areas and result be regarded as no conflict with ROHS requirement.

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PBBs	01	06	16	18	24	44	45	46	47
MONOBROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIBROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
PENTABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
OCTABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
NONABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
DECABROMOBIPHENYL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Sum of PBBs	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**
PBDEs									
MONOBROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIBROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
PENTABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
OCTABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
NONABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
DECABROMODIPHENYL ETHER	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Sum of PBDEs	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**

Remark:
1. ND = Not detected (Detected limit of PBBs and PBDEs: 5mg/kg)
2. “ mg/kg ” denotes “ milligram per kilogram ”.

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Prepared by:

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Checked by:

Mr. Feng ZHANG

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APPENDIX I: Official Exemption Items

Below items are quoted based on Directives of 2011/65/EU and its valid Amending Directives.

Exemption		Scope and dates of applicability
1	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner)	
1(a)	For general lighting purpose< 30 W:5mg	Expires on 31 December 2011; 3,5mg maybe used per burner after 31 December 2011 until 31 December 2012; 2.5mg shall be used per burner after 31 December 2012
1(b)	For general lighting purposes ≥ 30 W and < 50 W:5mg	Expires on 31 December 2011; 3,5mg maybe used per burner after 31 December 2011 until 31 December 2012; 2.5mg shall be used per burner after 31 December 2012
1(c)	For general lighting purposes ≥ 50 W and < 150 W:5mg	
1(d)	For general lighting purpose ≥ 30 W and ≥ 150 W:15mg	
1(e)	For general lighting purpose with circular or square structural shape san tube diameter <17mm	No limitation of use until 31 December 2011; 7 mg may be used per burner after 31 December 2011
1(f)	For special purposes:5mg	
2(a)	Mercury in double capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp)	
2(a)(1)	Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 5mg	Expires on 31 December 2011; 4mg may be used per lamp after 31 December 2011
2(a)(2)	Tri-band phosphor with normal lifetime and a tube diameter ≥ 9 mm and ≤ 17mm (e.g. T5): 5mg	Expires on 31 December 2011; 3mg may be used per lamp after 31 December 2011
2(a)(3)	Tri-band phosphor with normal lifetime and a tube diameter >17 mm and ≤ 28mm (e.g. T8): 5mg	Expires on 31 December 2011; 3,5 mg may be used per lamp after 31 December 2011
2(a)(4)	Tri-band phosphor with normal lifetime and a tube diameter >28mm (e.g. T12): 5mg	Expires on 31 December 2011; 3,5 mg may be used per lamp after 31 December 2011
2(a)(5)	Tri-band phosphor with long lifetime(≥25 000h):8mg	Expires on 13 December 2011;5mg may be used per lamp after 31 December 2011
2(b)	Mercury in other fluorescent lamps not exceeding (per lamp):	
2(b)(1)	Linear halophosphate lamps with tube >28 mm(e.g.T10 and T12): 10mg	Expires on 13 April 2012
2(b)(2)	Non-linear halophosphate lamps (all diameters):15mg	Expires on 13 April 2016

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Exemption		Scope and dates of applicability
2(b)(3)	Non-linear tri-band phosphor lamps with tube diameter >17mm (e.g. T9)	No limitation of use until 31 December 2011; 15 mg may be used per lamp after 31 December 2011
2(b)(4)	Lamps for other general lighting and special purposes (e.g. induction lamps)	No limitation of use until 31 December 2011; 15 mg may be used per lamp after 31 December 2011
3	Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp)	
3(a)	Short length(≤500mm)	No limitation of use until 31 December 2011; 3,5 mg may be used per lamp after 31 December 2011
3(b)	Medium length (> 500mm and ≤ 1 500mm)	No limitation of use until 31 December 2011; 5 mg may be used per lamp after 31 December 2011
3(c)	Long length (> 1 500mm)	No limitation of use until 31 December 2011; 13 mg may be used per lamp after 31 December 2011
4(a)	Mercury in other low pressure discharge lamps (per lamp)	No limitation of use until 31 December 2011; 15 mg may be used per lamp after 31 December 2011
4(b)	Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index Ra >60;	
4(b)-I	P≤155 W	No limitation of use until 31 December 2011; 30mg may be used per burner after 31 December 2011
4(b)-II	155 W < P ≤ 405 W	No limitation of use until 31 December 2011; 30mg may be used per burner after 31 December 2011
4(b)-III	P > 405 W	No limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011
4(c)	Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner)	
4(c)-I	P≤155 W	No limitation of use until 31 December 2011; 25mg may be used per burner after 31 December 2011
4(c)-II	155 W < P ≤ 405 W	No limitation of use until 31 December 2011; 30mg may be used per burner after 31 December 2011
4(c)-III	P > 405 W	No limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011
4(d)	Mercury in High Pressure Mercury (vapour) lamps (HPMV)	Expires on 13 April 2015
4(e)	Mercury in metal halide lamps (MH)	
4(f)	Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex	

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Exemption		Scope and dates of applicability
5(a)	Lead in glass of cathode ray tubes	
5(b)	Lead in glass of fluorescent tubes not exceeding 0,2 % by weight	
6(a)	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight	
6(b)	Lead as an alloying element in aluminium containing up to 0,4 % lead by weight	
6(c)	Copper alloy containing up to 4 % lead by weight	
7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)	
7(b)	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications	
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	
7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher	
7(c)-III	Lead in dielectric ceramic in capacitors for a rated voltage of less than 125 V AC or 250 V DC	Expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013
7(c)-IV	Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete semiconductors'	
8(a)	Cadmium and its compounds in one shot pellet type thermal cut-offs	Expires on 1 January 2012 and after that date may be used in spare parts for EEE placed on the market before 1 January 2012
8(b)	Cadmium and its compounds in electrical contacts	
9	Hexavalent chromium as an anticorrosion agent of the carbon steel cooling system in absorption refrigerators up to 0,75 % by weight in the cooling solution	
9(b)	Lead in bearing shells and bushes for refrigerant-containing compressors for heating, ventilation, air conditioning and refrigeration (HVACR) applications	
11(a)	Lead used in C-press compliant pin connector systems	May be used in spare parts for EEE placed on the market before 24 September 2010
11(b)	Lead used in other than C-press compliant pin connector systems	Expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013

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Exemption		Scope and dates of applicability
12	Lead as a coating material for the thermal conduction module C-ring	May be used in spare parts for EEE placed on the market before 24 September 2010
13(a)	Lead in white glasses used for optical applications	
13(b)	Cadmium and lead in filter glasses and glasses used for reflectance standards	
14	Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80 % and less than 85 % by weight	Expires on 1 January 2011 and after that date may be used in spare parts for EEE placed on the market before 1 January 2011
15	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages	
16	Lead in linear incandescent lamps with silicate coated tubes	Expires on 1 September 2013
17	Lead halide as radiant agent in high intensity discharge (HID) lamps used for professional reprography applications	
18(a)	Lead as activator in the fluorescent powder (1 % lead by weight or less) of discharge lamps when used as speciality lamps for diazoprinting reprography, lithography, insect traps, photochemical and curing processes containing phosphors such as SMS ($(Sr,Ba)_2MgSi_2O_7$:Pb)	Expires on 1 January 2011
18(b)	Lead as activator in the fluorescent powder (1 % lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP($BaSi_2O_5$:Pb)	
19	Lead with PbBiSn-Hg and PbInSn-Hg in specific compositions as main amalgam and with PbSn-Hg as auxiliary amalgam in very compact energy saving lamps (ESL)	Expires on 1 June 2011
20	Lead oxide in glass used for bonding front and rear substrates of flat fluorescent lamps used for Liquid Crystal Displays (LCDs)	Expires on 1 June 2011
21	Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses	
23	Lead in finishes of fine pitch components other than connectors with a pitch of 0,65 mm and less	May be used in spare parts for EEE placed on the market before 24 September 2010
24	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors	
25	Lead oxide in surface conduction electron emitter displays (SED) used in structural elements, notably in the seal frit and frit ring	
26	Lead oxide in the glass envelope of black light blue lamps	Expires on 1 June 2011

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	Exemption	Scope and dates of applicability
27	Lead alloys as solder for transducers used in high-powered (designated to operate for several hours at acoustic power levels of 125 dB SPL and above) loudspeakers	Expired on 24 September 2010
29	Lead bound in crystal glass as defined in Annex I (Categories 1, 2, 3 and 4) of Council Directive 69/493/EEC (1)	
30	Cadmium alloys as electrical/mechanical solder joints to electrical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB (A) and more	
31	Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting)	
32	Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes	
33	Lead in solders for the soldering of thin copper wires of 100 um diameter and less in power transformers	
34	Lead in cermet-based trimmer potentiometer elements	
36	Mercury used as a cathode sputtering inhibitor in DC plasma displays with a content up to 30 mg per display	Expired on 1 July 2010
37	Lead in the plating layer of high voltage diodes on the basis of a zinc borate glass body	
38	Cadmium and cadmium oxide in thick film pastes used on aluminium bonded beryllium oxide	
39	Cadmium in colour converting II-VI LEDs (< 10 ug Cd per mm 2 of light-emitting area) for use in solid state illumination or display systems	Expires on 1 July 2014
40	Cadmium in photoresistors for analogue optocouplers applied in professional audio equipment	Expires on 31 December 2013

-End of Report-

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