

GlobTek (Suzhou) Co., Ltd.

Date: 04/08/2026

Building 4, No. 76, Jinling East Road, Suzhou Industrial Park,
Jiangsu 215021, P.R. China

Client No.: 2110620

Our Ref.: 158313762

Attn: Lynn Zhang
Tel +86 512 6279 0301 Ext 205

Ref.: Test report for Japan diamond PSE approval

Dear Sir/Madame,

Enclosed, please find the test report.

Test Report No.: CN257QWX 001 and CN252172 001
Test Item: DC Power Supply Unit
Type designation: GTM96060-0606-1.0, GTM96060-0624, GTM96060-0636
PSE CoC No.: JD 50689505 CL-01 to CL-03
Factory: GlobTek (Suzhou) Co., Ltd.

If you contact our office, please indicate our reference above.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

Yours sincerely

TÜV Rheinland Hong Kong Limited
Market Access Services



Yuki Yau

Senior Certification Coordinator

Prüfbericht-Nr.: <i>Test report no.:</i>	CN257QWX 001	Auftrags-Nr.: <i>Order no.:</i>	158313762	Seite 1 von 12 Page 1 of 12	
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	2110620	Auftragsdatum: <i>Order date:</i>	2025-07-11		
Auftraggeber: <i>Client:</i>	GlobTek (Suzhou) Co., Ltd. Building 4, No. 76, Jinling East Road, Suzhou Industrial Park, Jiangsu 215021, P.R. China				
Prüfgegenstand: <i>Test item:</i>	DC power supply unit				
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	GTM96060-0606-1.0, GTM96060-0624, GTM96060-0636				
Auftrags-Inhalt: <i>Order content:</i>	PSE diamond mark approval				
Prüfgrundlage: <i>Test specification:</i>	Technical Requirements Appendix 12: J62368-1(2023), J55032(H29)				
Wareneingangsdatum: <i>Date of sample receipt:</i>	2025-07-11				
Prüfmuster-Nr.: <i>Test sample no.:</i>	A004007213-001				
Prüfzeitraum: <i>Testing period:</i>	2025-07-11 - 2025-07-24				
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass				
geprüft von: <i>tested by:</i>	 		genehmigt von: <i>authorized by:</i>		
Datum: <i>Date:</i>	2025-07-31	Tested by Edén Yang, Under supervised by Johnson Ma		Ausstellungsdatum: <i>Issue date:</i>	2025-07-31
Stellung / Position:	Johnson Ma/Inspector		Stellung / Position:	Mark Chen/Senior Inspector	
Sonstiges / Other:	The product is classified as "Specified Electrical Appliances and Materials (Category A)" – Alternating Current Electrical Appliances under the Electrical Appliance and Material Safety Act. This test report is prepared acc. to procedure of Japan Diamond PSE mark approval based on CB report Ref. No. REP106964 with Cert No. NO135493 tested acc. to IEC 62368-1:2018, the Japaneses national deviations are evaluated in this report. See following pages for details.				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>				
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet	
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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TEST REPORT
IEC 62368-1
Audio/video, information and communication technology equipment
Part 1: Safety requirements

Report Number. : See cover page

Date of issue : See cover page

Total number of pages : See cover page

**Name of Testing Laboratory
preparing the Report** : TÜV Rheinland (Shanghai) Co. Ltd.

Applicant's name : See cover page

Address : See cover page

Test specification:

Standard : IEC 62368-1:2018

Test procedure : See cover page

Non-standard test method : N/A

TRF template used : IECEE OD-2020-F1:2021, Ed.1.4

Test Report Form No. : IEC62368_1E

Test Report Form(s) Originator : UL(US)

Master TRF : Dated 2022-04-14

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General disclaimer:

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

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Test item description	DC power supply unit
Trade Mark	
Manufacturer	N/A
Model/Type reference	GTM96060-0606-1.0, GTM96060-0624, GTM96060-0636
Ratings	See page 7

List of Attachments (including a total number of pages in each attachment):

- Attachment - Photo Documentation (14 pages)

Note: Total number of pages in each attachment is indicated in individual attachment.

Summary of testing:

Tests performed (name of test and test clause): All applicable tests as described in test cases and appended tables were performed See CB report Ref. No. REP106964 for details. The test samples are pre-production samples without serial numbers. Uncertainty: Statement not required by the standard used for type testing.	Testing location: TÜV Rheinland (Shanghai) Co., Ltd. No. 177, Lane 777 West Guangzhong Road, Shanghai, China
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Copy of marking plate:

GlobTek, Inc.
186 Veterans Dr.
Northvale, NJ 07647 USA
www.globtek.com

адаптер питания
ICT/ITE Power Supply (电源供应器/電源供應器)

REF P/N/номер/料号/料號:
MODEL/модель/型号/型號: GTM96060-0606-1.0
INPUT/вход/輸入/輸入: 100-240V~, 50-60Hz, 0.6A
OUTPUT/выход/輸出/輸出: 5V === 1.2A, 6.0W

RECOGNIZED COMPONENT
Intertek 4007497 Class 2 Power Unit
Conforms to AAMI STD.
ES60601-1, IEC 60601-1-11
Certified to CAN/CSA STD.C22.2 NO.60601-1
Certified to UL STD. 60950-1
Certified to CSA STD.C22.2 NO.60950-1
Conforms to UL STD. 1310
Certified to CSA STD.C22.2 NO.223

30 Intertek R37924 RoHS 10276

XXX株式会社

EFFICIENCY LEVEL VI RoHS LPS CAN ICES-3 (B)/NMB-3(B)

MADE IN CHINA/Китай Производство/中国制造/中國製造

GlobTek, Inc.
186 Veterans Dr.
Northvale, NJ 07647 USA
www.globtek.com

адаптер питания
ICT/ITE Power Supply (电源供应器/電源供應器)

REF P/N/номер/料号/料號:
MODEL/модель/型号/型號: GTM96060-0624
INPUT/вход/輸入/輸入: 100-240V~, 50-60Hz, 0.6A
OUTPUT/выход/輸出/輸出: 24V=== 0.25A, 6.0W

RECOGNIZED COMPONENT
Intertek 4007497 Class 2 Power Unit
Conforms to AAMI STD.
ES60601-1, IEC 60601-1-11
Certified to CAN/CSA STD.C22.2 NO.60601-1
Certified to UL STD. 60950-1
Certified to CSA STD.C22.2 NO.60950-1
Conforms to UL STD. 1310
Certified to CSA STD.C22.2 NO.223

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186 Veterans Dr.
Northvale, NJ 07647 USA
www.globtek.com

адаптер питания
ICT/ITE Power Supply (电源供应器/電源供應器)

REF P/N/номер/料号/料號:
MODEL/модель/型号/型號: GTM96060-0636
INPUT/вход/輸入/輸入: 100-240V~, 50-60Hz, 0.6A
OUTPUT/выход/輸出/輸出: 36V=== 0.16A, 6.0W

RECOGNIZED COMPONENT
Intertek 4007497 Class 2 Power Unit
Conforms to AAMI STD.
ES60601-1, IEC 60601-1-11
Certified to CAN/CSA STD.C22.2 NO.60601-1
Certified to UL STD. 60950-1
Certified to CSA STD.C22.2 NO.60950-1
Conforms to UL STD. 1310
Certified to CSA STD.C22.2 NO.223

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EFFICIENCY LEVEL VI RoHS LPS CAN ICES-3 (B)/NMB-3(B)

MADE IN CHINA/Китай Производство/中国制造/中國製造

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is the location reserved for the name of reporting supplier.”

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Test item particulars:

Product group: ☒ end product ☐ built-in component

Classification of use by: ☒ Ordinary person ☒ Children likely present
☐ Instructed person ☐ Skilled person

Supply connection: ☒ AC mains ☐ DC mains
☐ not mains connected:
☐ ES1 ☐ ES2 ☐ ES3

Supply tolerance: ☒ +10%/-10% ☐ +20%/-15%
☐ None

Supply connection – type: ☒ pluggable equipment type A -
☐ non-detachable supply cord
☒ appliance coupler
☐ direct plug-in
☐ pluggable equipment type B -
☐ non-detachable supply cord
☐ appliance coupler
☐ permanent connection
☐ mating connector ☐ other:

Considered current rating of protective device: ☒ 16A(20A for Canada and US) ;
Location: ☒ building ☐ equipment
☐ N/A

Equipment mobility: ☐ movable ☐ hand-held ☒ transportable
☒ direct plug-in ☐ stationary ☐ for building-in
☐ wall/ceiling-mounted ☐ SRME/rack-mounted
☐ other:

Overvoltage category (OVC): ☐ OVC I ☒ OVC II ☐ OVC III
☐ OVC IV ☐ other:

Class of equipment: ☐ Class I ☒ Class II ☐ Class III
☐ Not classified ☐

Special installation location: ☒ N/A ☐ restricted access area
☐ outdoor location ☐

Pollution degree (PD): ☐ PD 1 ☒ PD 2 ☐ PD 3

Manufacturer's specified T_{ma}: 50°C ☐ Outdoor: minimum °C

IP protection class: ☒ IPX0 ☐ IP

Power systems: ☒ TN ☐ TT ☒ IT - V_{L-L}
☐ not AC mains

Altitude during operation (m): ☐ 2000 m or less ☒ 5000 m

Altitude of test laboratory (m): ☒ 2000 m or less ☐ m

Mass of equipment (kg): Approximate 0.13 kg; Dimensions: Approximate 74mm*44mm*36mm(excluding plug)

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General remarks:

"(See Enclosure #)" refers to additional information appended to the report.

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

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided

☐ Yes
☒ Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies).....: GlobTek (Suzhou) Co., Ltd.
Building 4, No. 76, Jinling East Road, Suzhou Industrial Park,
Jiangsu 215021, P.R. China

General product information and other remarks:

The equipment is DC power supply unit for DC supply of information technology equipment.

Rating details:

Model	Input	Output
GTM96060-0606-1.0	100-240V~, 0.6A, 50-60Hz	5Vdc,1.2A,6.0W
GTM96060-0624		24Vdc,0.25A,6.0W
GTM96060-0636		36Vdc,0.16A,6.0W

The Power Supply was evaluated additionally as below:

1. Rated input voltage AC 100-240V was taken into account for this Japan Diamond PSE-mark application.
2. Rating label incorporates with Japan Diamond PSE-mark for Japanese market.
3. Check provision of Japanese user's manual.
4. Input data is refers to Test Report No. REP106964

List of related/connected test report(s):

- CN252172 001 (As EMI test report tested acc. to J55032(H29)
- 40-2025-05-000965-C002 (As FI report of facilities acc. to Enforcement Regulations of Electrical Appliance and Material Safety Act: Appendix 4 (Inspection Equipment).
- CN25K5NX 001 (The dimensions and blade fitting strength testing of Japanese integrated mains plug were checked according to JIS C 8303.)

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Absatz <i>Clause</i>	Anforderungen - Prüfungen / <i>Requirements - Tests</i>	Messergebnisse – Bemerkungen / <i>Measuring results - Remarks</i>	Ergebnis <i>Result</i>

JAPAN NATIONAL DIFFERENCES Audio/video, information and communication technology equipment – Part 1: Safety requirements			
Differences according to : J62368-1(2023)			
TRF template used:..... : IECEE OD-2020-F3:2022, Ed. 1.2			
Attachment Form No..... : JP_ND_IEC62368_1E			
Attachment Originator : UL Solutions (JP)			
Master Attachment..... : Dated 2023-05-12			
Copyright © 2023 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.			
	National Differences		--
4.1.2	Where the component, or a characteristic of a component, is a safeguard or a part of a safeguard, components shall comply with the requirements of this document or, where specified in a requirements clause, with the safety aspects of the relevant JIS component standards or IEC component standards, or components shall have properties equivalent to or better than these.	Replaced.	P
5.6.1	Mains socket-outlet and interconnection coupler shall comply with Clause G.4.2A if they are incorporated as part of the equipment.		N/A
5.6.2.1	Connection for protective conductor of class 0I equipment provided with instructional safeguard in accordance with Clause F.3.6.1A is considered to make earlier and break later than supply connection. Mains plug having a lead wire for protective earthing connection of class 0I equipment shall comply with all of the following: – Not to be used for equipment having a rated voltage of 150 V or more – Clip is not used for the earthing connection of the lead wire. – The lead wire for earthing is at least 10 cm long If class 0I equipment provides an independent main protective earthing terminal and is intended to be installed by ordinary person, earthing wire shall be provided in the package of the equipment.		N/A

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5.6.2.2	Internal earthing conductor of the cord set that is covered by the sheath of mains cord and is formed together with mains plug and appliance connector need not be green-and-yellow.		N/A
5.6.3	In case of class 0I equipment using power supply cord having two conductors (no earthing conductor), the conductor of protective earthing lead wire shall comply with either of the following: – use of annealed copper wire with 1.6 mm diameter or corrosion-inhibiting metal wire having size and strength that are equivalent to or more than the above copper wire – single core cord or single core cable with 1.25 mm ² or more cross-sectional area		N/A
5.7.3	For class 0I equipment that is provided with mains socket-outlet in the configuration as specified in JIS C 8282 series, JIS C 8300 or JIS C 8303, or that is provided with mains appliance outlet as specified in JIS C 8283 series for the purpose of interconnection, the measurement is conducted on the system of the interconnected equipment having a single connection to the mains.		N/A
5.7.5	In case of class 0I equipment, touch current shall not exceed 1.41 mA peak or for sinusoidal wave, 1.0 mA r.m.s. when measured using the network specified in Figure 4 of IEC 60990:2016.		N/A
6.4.3.2	A fuse complying with JIS C 6575 series or a fuse having equivalent characteristics shall open within 1 s. A fuse having time/current characteristics other than those specified in IEC 60127 shall be tested with the characteristics taken into account. In case of Class A fuse of JIS C 6575, replace “2.1 times” by “1.35 times” and in case of Class B fuse of JIS C 6575, replace “2.1 times” by “1.6 times”.		N/A
8.5.4.3. 1	Only three-phase stationary equipment rated more than AC 200 V can be considered as being for use in locations where children are not likely to be present, when complying with Clause F.4.		N/A
8.5.4.3. 2	For equipment installed where children may be present, an instructional safeguard shall be provided by easily understandable wording in accordance with Clause F.5, except that element 3 is optional.		N/A
8.5.4.3. 4	The media destruction device is tested according to Clause V.1.2 with applicable jointed test probes to the opening. And then the wedge probe per Figure V.4 shall not contact any moving part.		N/A

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8.5.4.3.5	The wedge probe of Figure V.4 and applicable jointed test probes specified in Clause V.1.2 shall not contact any moving part. Instructional safeguard shall not be used instead of equipment safeguard for preventing access to hazardous moving parts.		N/A
F.3.5.1	When the mains socket-outlet is configured in accordance with JIS C 8282 series, JIS C 8300 or JIS C 8303, the assigned current or power shall be marked. If the voltage of the socket-outlet is the same as the mains voltage, the voltage need not be marked. Instructional safeguard of Class 0I equipment shall be provided with an instructional safeguard in accordance with Clause F.5 when a mains socket-outlet as specified in JIS C 8282 series, JIS C 8300 or JIS C 8303 to which class I equipment can be connected is provided in accordance with Clause G.4.2A except for the cases where the socket-outlet is accessible only to skilled persons.		N/A
F.3.5.3	If the fuse is necessary for the safeguard function, the symbols indicating pre-arcing time-current characteristic shall be included.	Considered.	P
F.3.6.1A	Marking for class 0I equipment The requirements of Clauses F.3.6.1.1 and F.3.6.1.2 shall be applied to class 0I equipment. For class 0I equipment, a marking of instructions shall be provided regarding the earthing connection. In addition to the above, for class 0I equipment, an instruction to connect earthing before and disconnect earthing after the connection of supply conductors shall be marked on the visible place of the main body or shall be in the text of an accompanying document.		N/A
F.3.6.2	Symbols, IEC 60417-5172 (2003-02) or IEC 60417-6092 (2011-10), shall not be used for class I equipment or class 0I equipment.		N/A
F.3.8A	Attention marking for aging deterioration of CRT television Year of manufacture, standard usage period by design according to JIS C 9921-5 and cautionary statement for possible risks of aging deterioration when used beyond the specified period shall be marked on CRT television except for industrial use CRT television.		N/A

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F.4	For audio equipment with terminals classified as ES3 in accordance with Table E.1, and for other equipment with terminals marked in accordance with F.3.6.1 and F.3.6.1A, the instructions shall require that the external wiring connected to these terminals shall be installed by a skilled person, or shall be connected by means of ready-made leads or cords that are constructed in a way that would prevent contact with any ES3 circuit. For class 0I equipment provided with independent main protective earthing terminal, where the cord for the protective earthing connection is not provided in the package of the equipment, if the protective earthing connection is made by instructed person or skilled person, the suitable installation instruction for the protective earthing connection shall be provided.		N/A
G.3.2.1	The thermal link when tested as a separate component, shall comply with the requirements of JIS C 6691 or have properties equivalent to or better than that.		N/A
G.3.4	Except for devices covered by Clause G.3.5, overcurrent protective devices used as a safeguard shall comply with the applicable JIS or IEC standard in accordance with 4.1.2 or shall have equivalent or better properties. Such a protective device shall have adequate breaking (rupturing) capacity to interrupt the maximum fault current (including short-circuit current) that can flow.	Considered.	P
G.4.1	This requirement does not apply to connectors covered in Clauses G.4.2 and G.4.2A.		N/A
G.4.2	Mains connectors, mains plugs and socket-outlets shall comply with JIS C 8283 series, JIS C 8285, IEC 60309 series, JIS C 8282 series, JIS C 8300, JIS C 8303, or have equivalent or better properties. A power supply cord set provided with appliance connector that can fit appliance inlet complying with JIS C 8283-1 shall comply with JIS C 8286. Construction shall prevent mechanical stress not to transmit to the soldering part of appliance inlet terminal. When an equipment is rated not more than 125 V and all of the following are met, Type C14 and C18 appliance inlet complying with JIS C 8283-3 can be considered as rated 15 A. – The temperature of appliance inlet does not exceed the value specified in JIS C 8283-1 under the most unfavourable normal operating condition as specified in Clause B.2.1. – "Use only designated cord set attached in this equipment" or equivalent text is described in the operating instruction. If the cord set is not provided in the package of the equipment, suitable information regarding to the cord set is described in the operating instruction.	Considered	P

Prüfbericht-Nr.: CN257QWX 001
Test report no.:

Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result
G.4.2A	Mains socket-outlet and interconnection coupler provided with the class II, class I and class 0I equipment respectively		N/A
G.7.1	A mains supply cord need not include the protective earthing conductor for class 0I equipment provided with independent protective earthing conductor.		N/A
G.7.2 Table G.7	Cross-sectional area of equipment rated up to and including 3 A shall be 0.75 mm ² .	Considered.	P
G.7.6.1 Table G.9	The cross-sectional area of mains cords according to JIS C 3010 may comply with relevant Japanese wiring regulation. For cables other than those complying with JIS C 3662 series or JIS C 3663 series, the terminals shall be suitable for the size of the intended cables.		N/A

--End of Test Report--



Picture 1 External view



Picture 2 External view



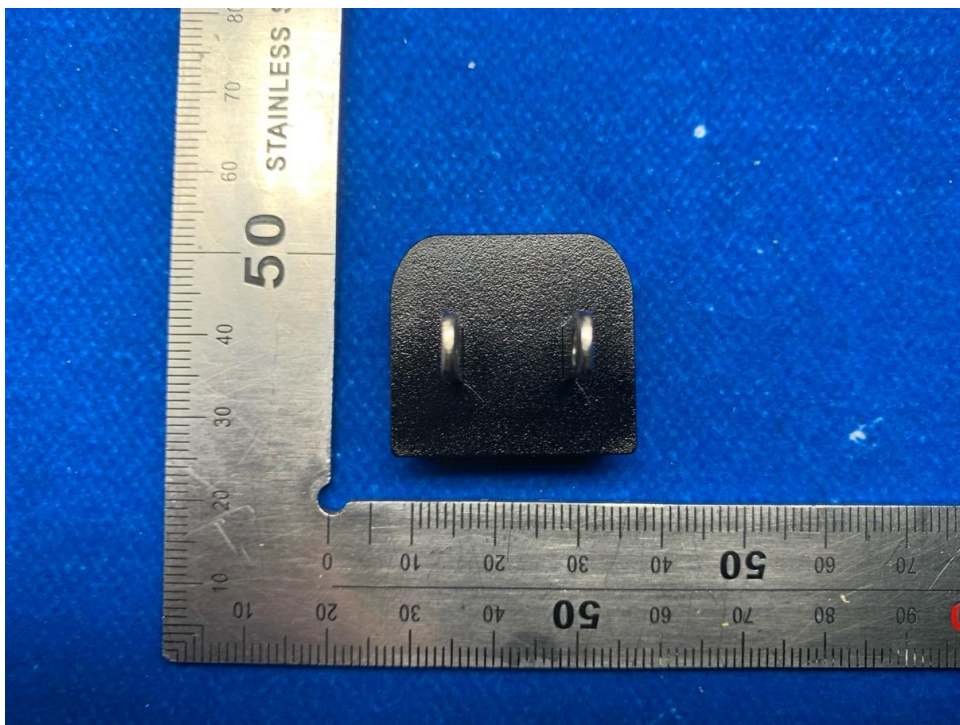
Picture 3 External view



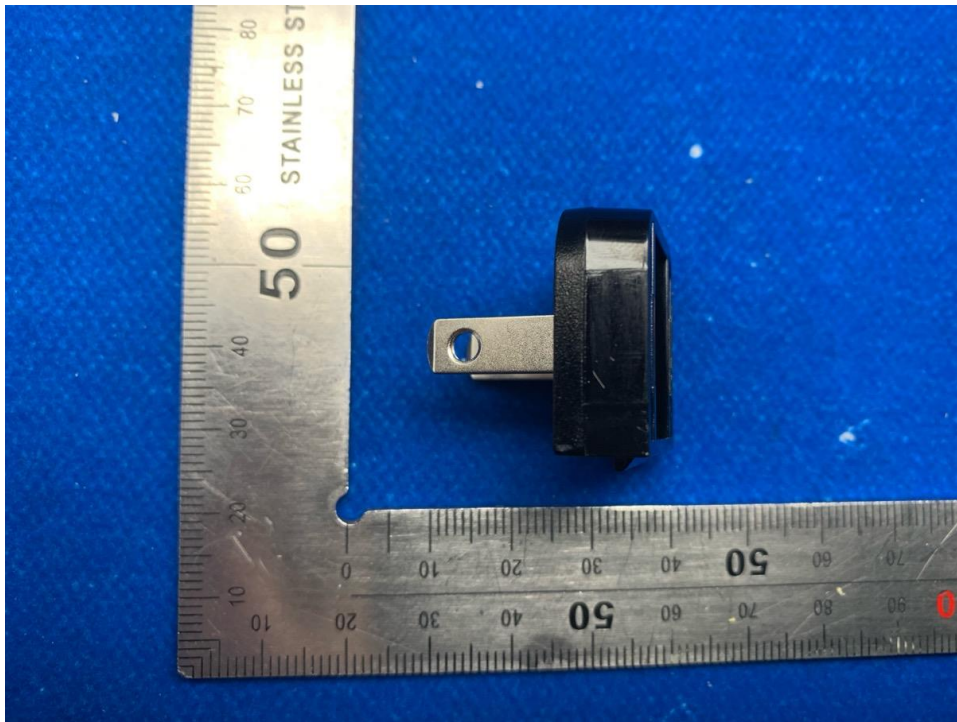
Picture 4 External view



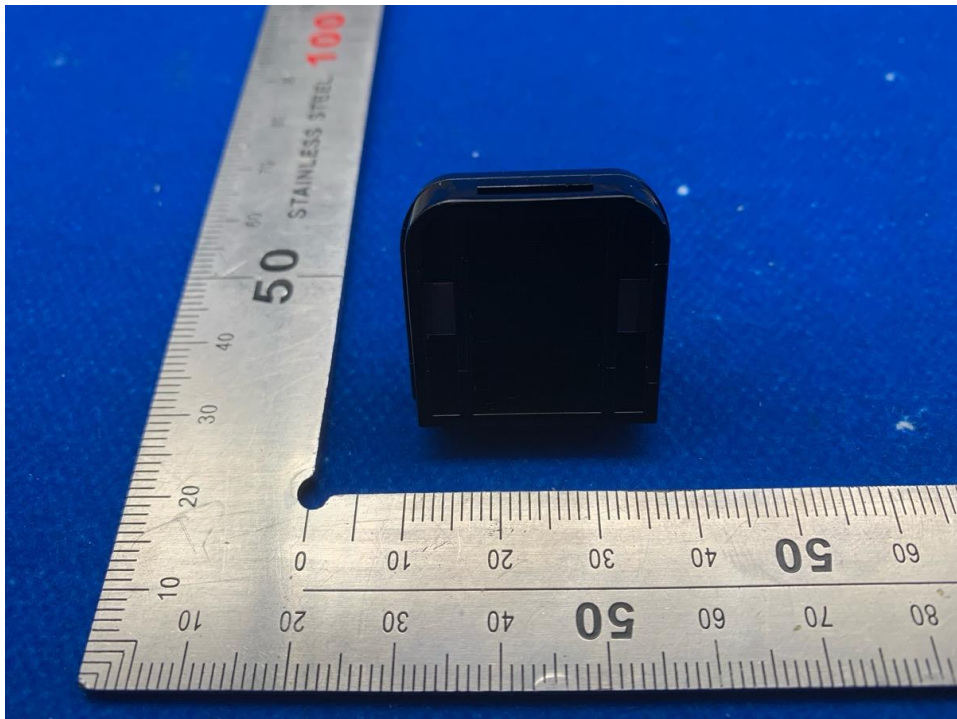
Picture 5 Overall view (without replacable plug)



Picture 6 Plug View



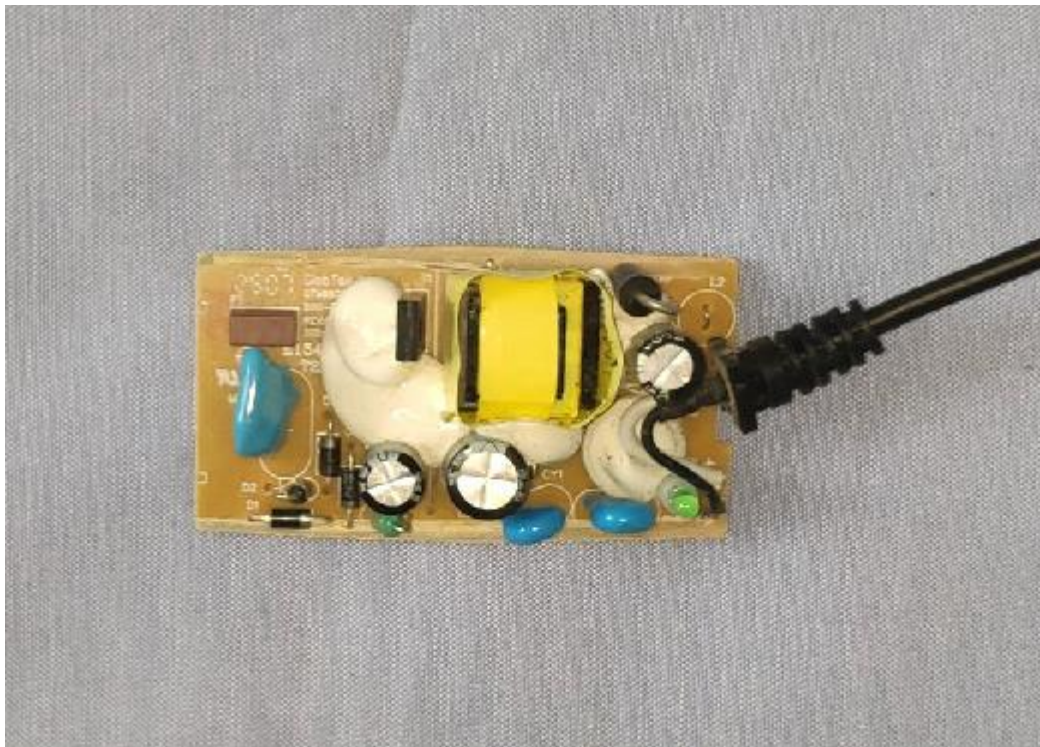
Picture 7 Plug View



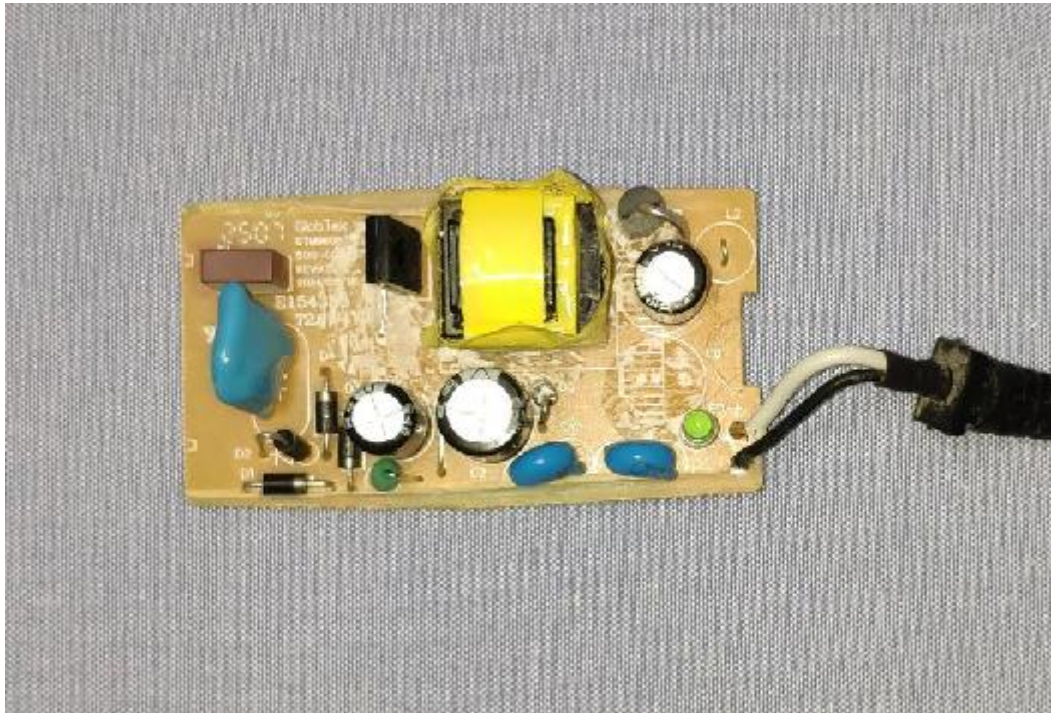
Picture 8 Plug View



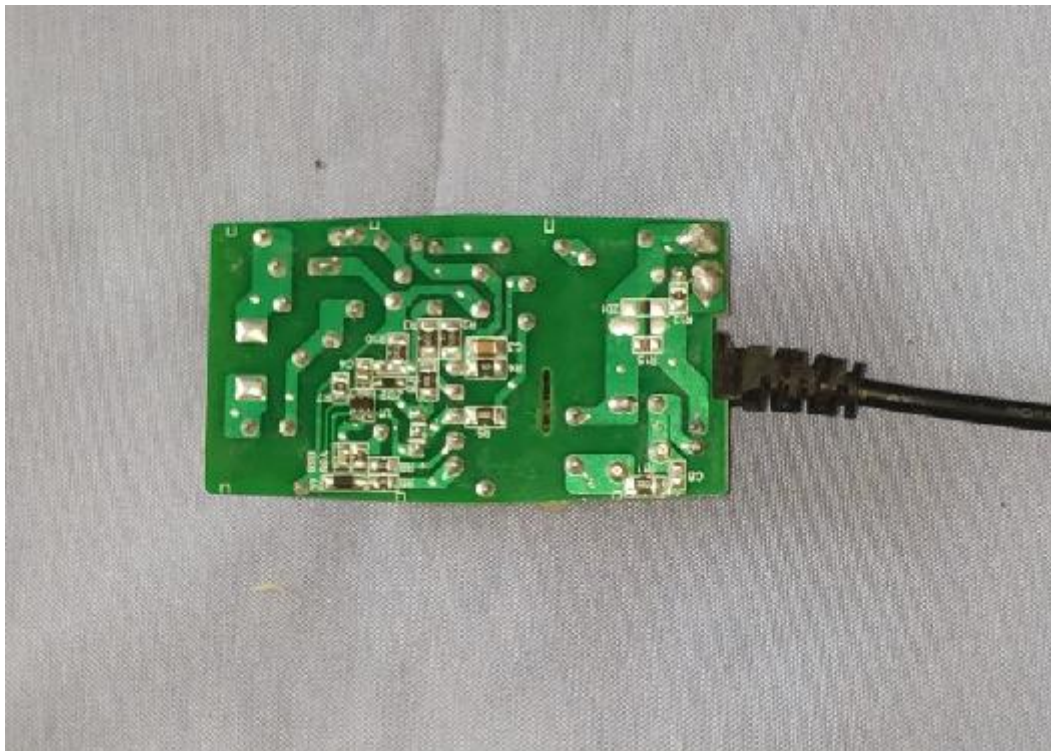
Picture 9 Internal view (enclosure opened)



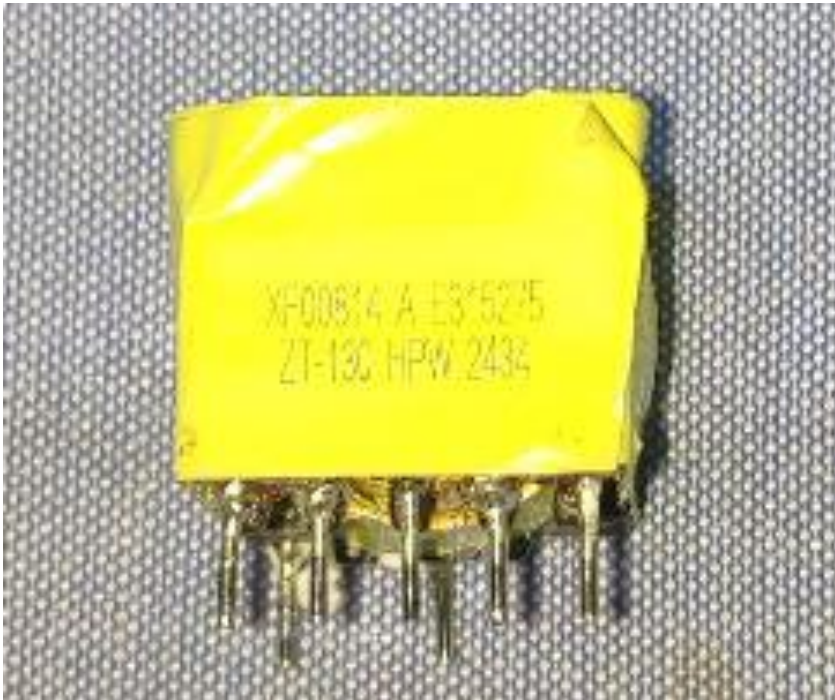
Picture 10 PCB view (with glue on components)



Picture 11 PCB view (without glue)



Picture 12 PCB view



Picture 13 Transformer view



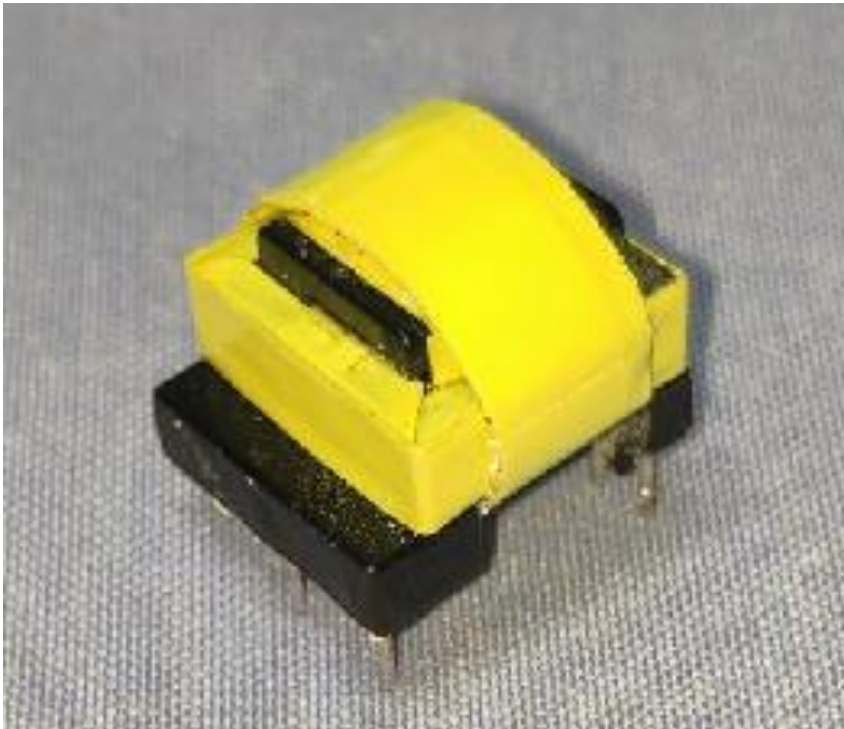
Picture 14 Transformer view



Picture 15 Transformer view



Picture 16 Transformer view



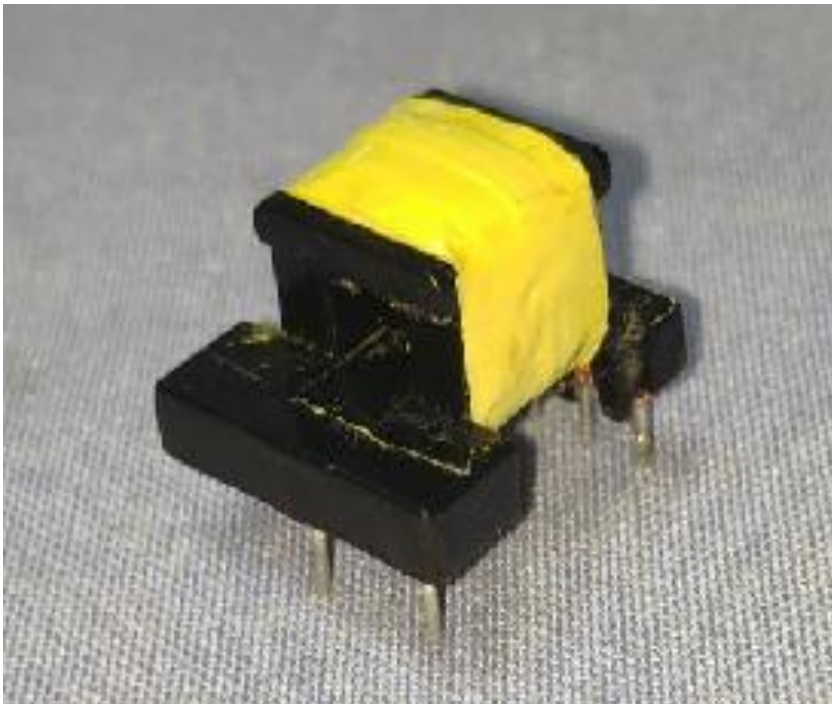
Picture 17 Transformer view



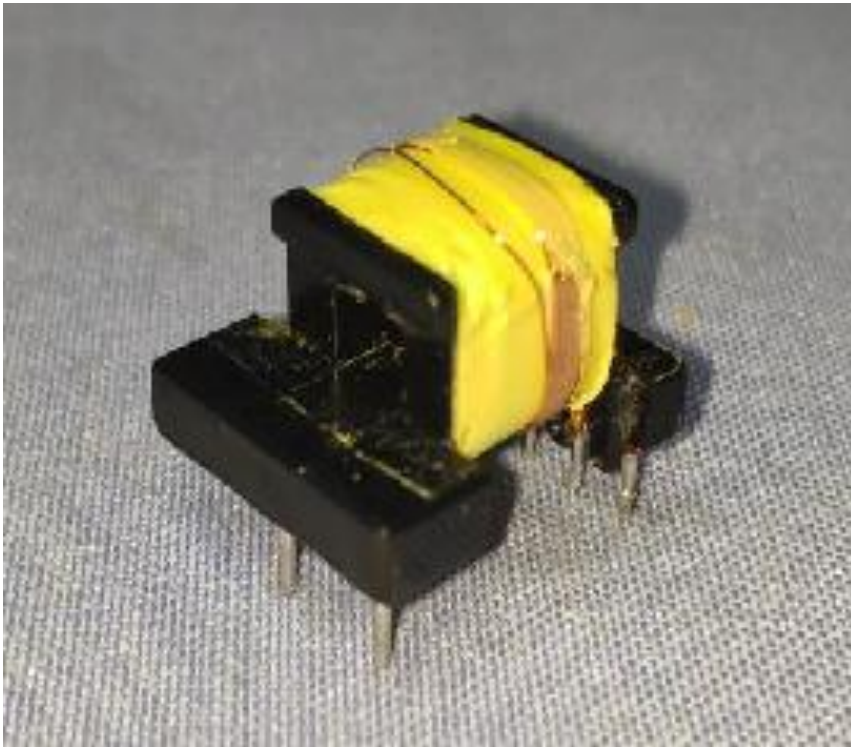
Picture 18 Transformer view



Picture 19 Transformer view



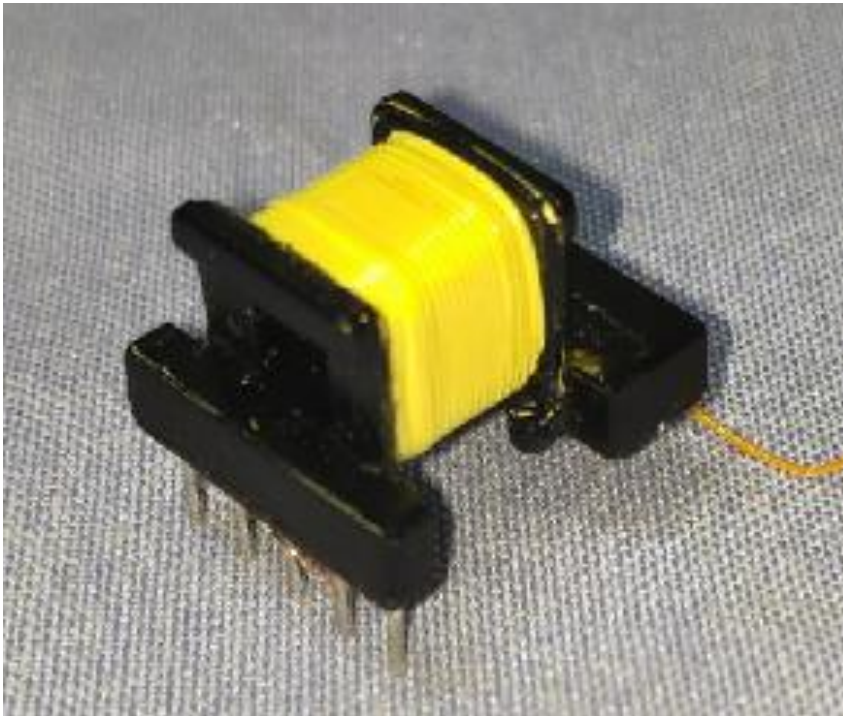
Picture 20 Transformer view



Picture 21 Transformer view



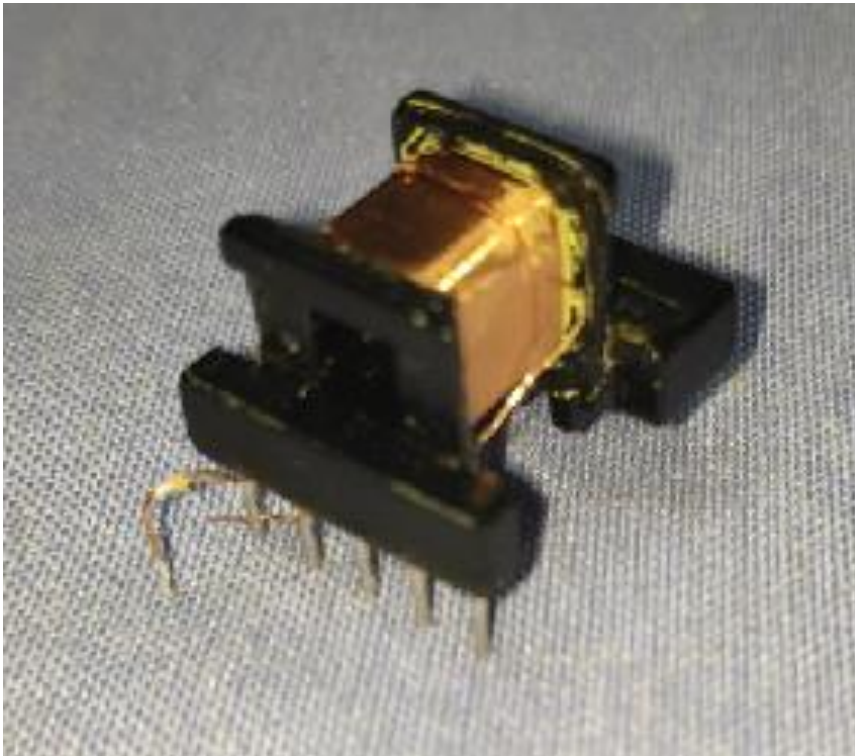
Picture 22 Transformer view



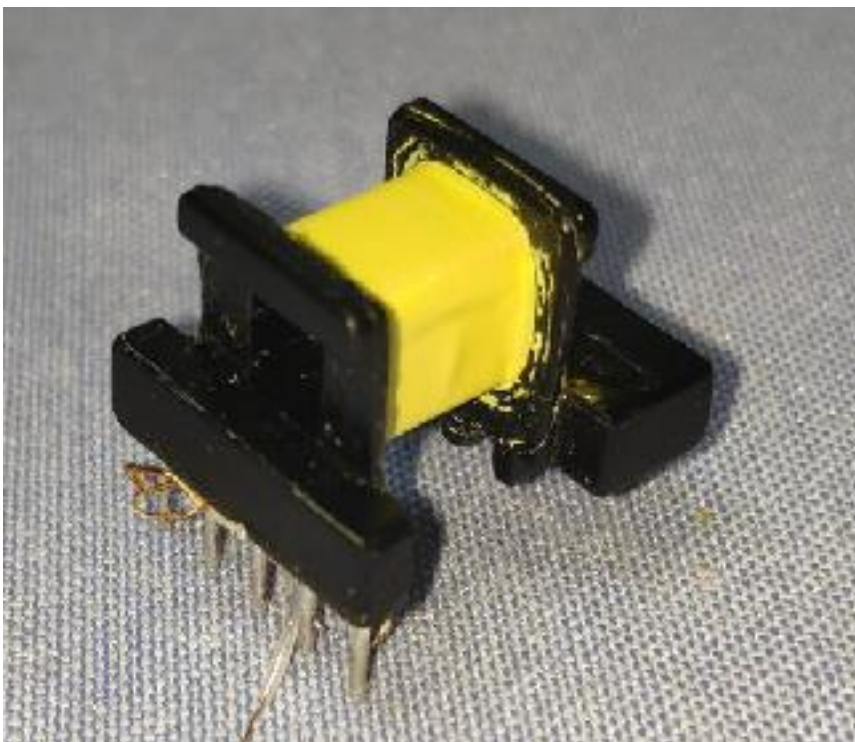
Picture 23 Transformer view



Picture 24 Transformer view



Picture 25 Transformer view



Picture 26 Transformer view



Picture 27 Transformer view



Picture 28 Transformer view



Picture 1 External view



Picture 2 External view



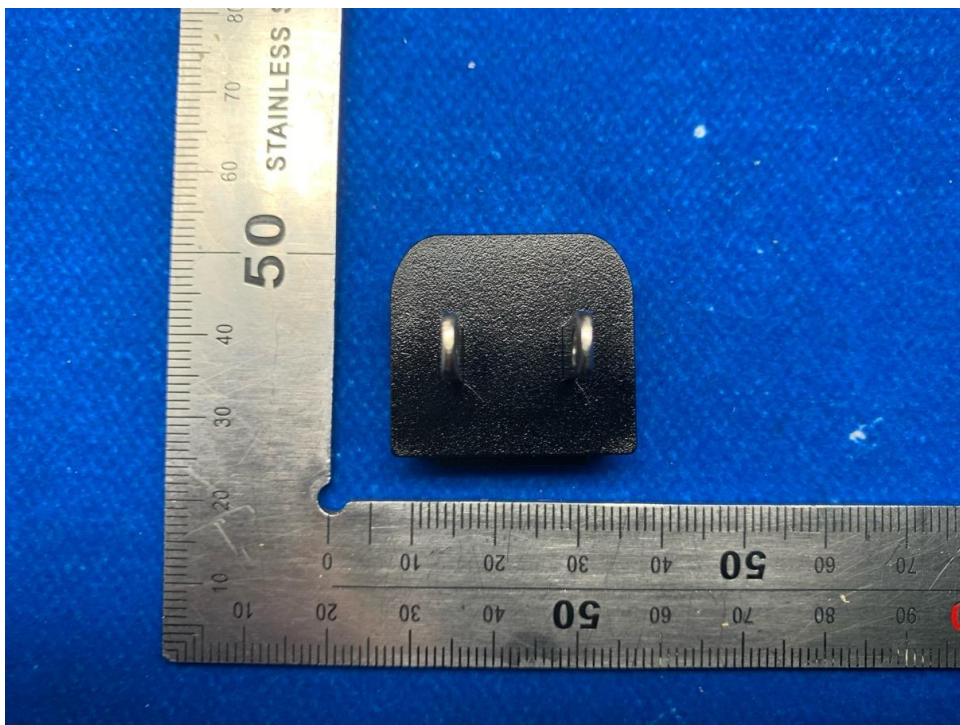
Picture 3 External view



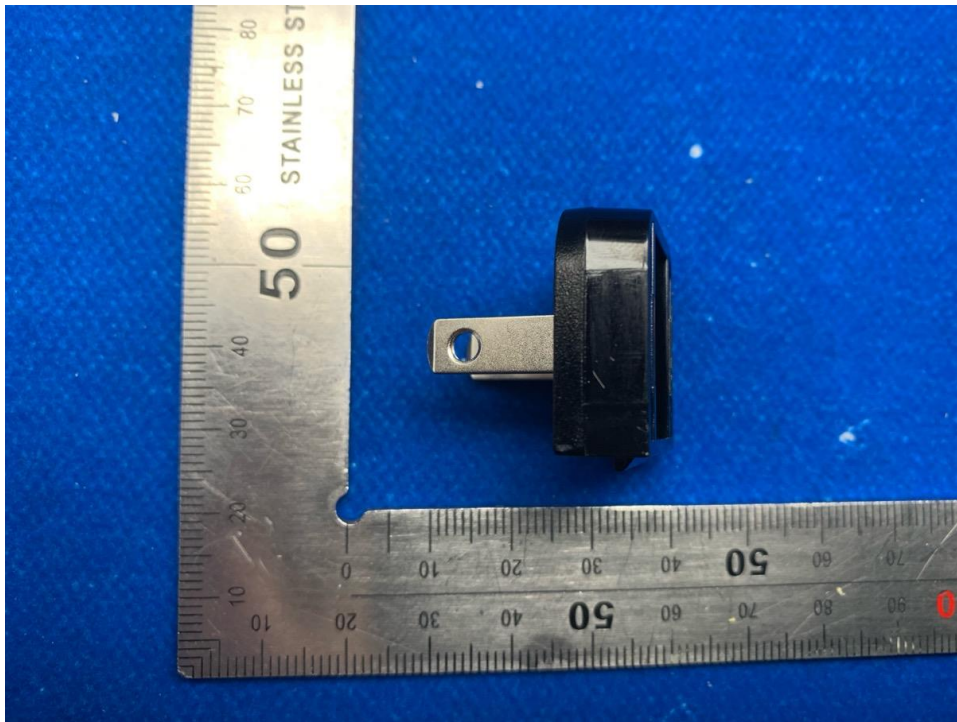
Picture 4 External view



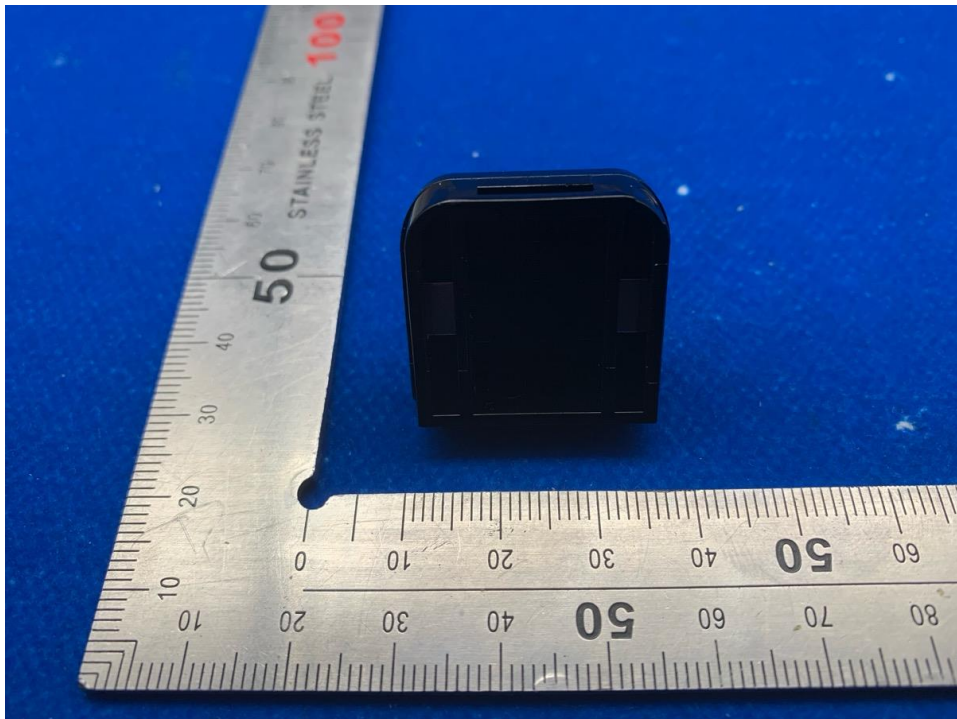
Picture 5 Overall view (without replacable plug)



Picture 6 Plug View



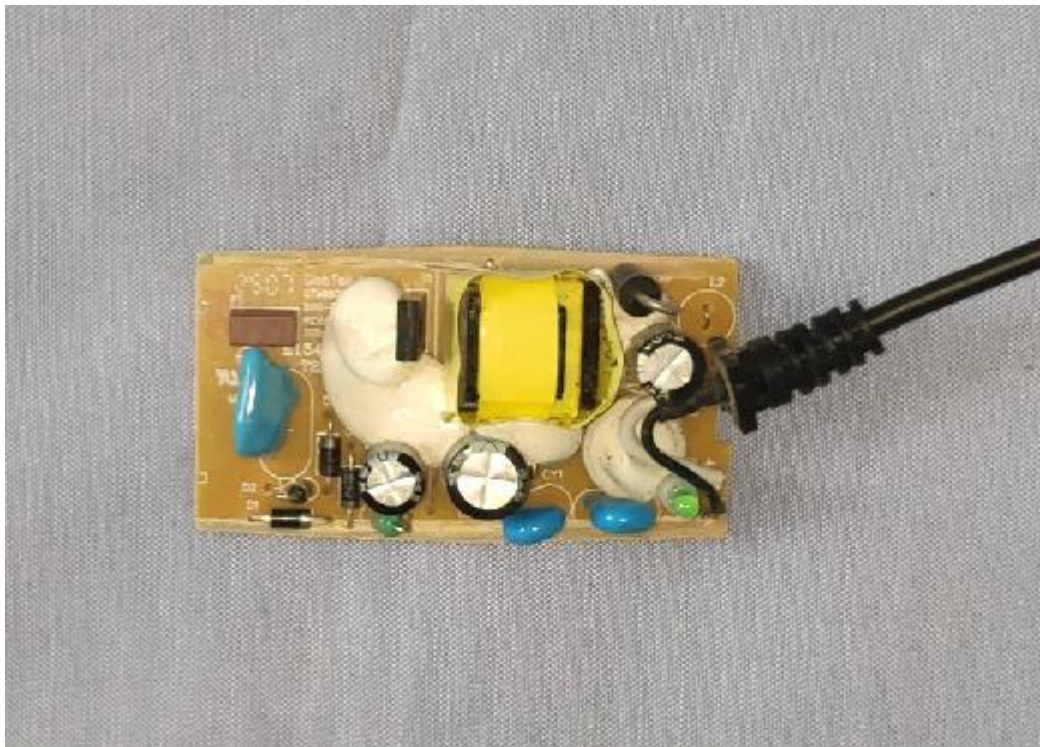
Picture 7 Plug View



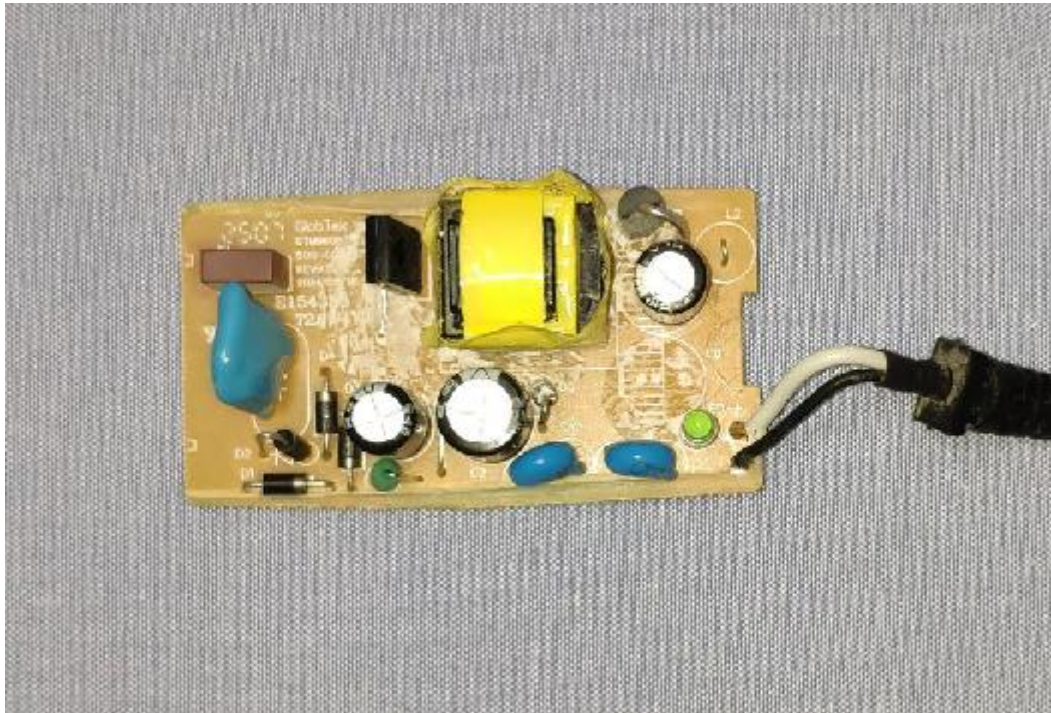
Picture 8 Plug View



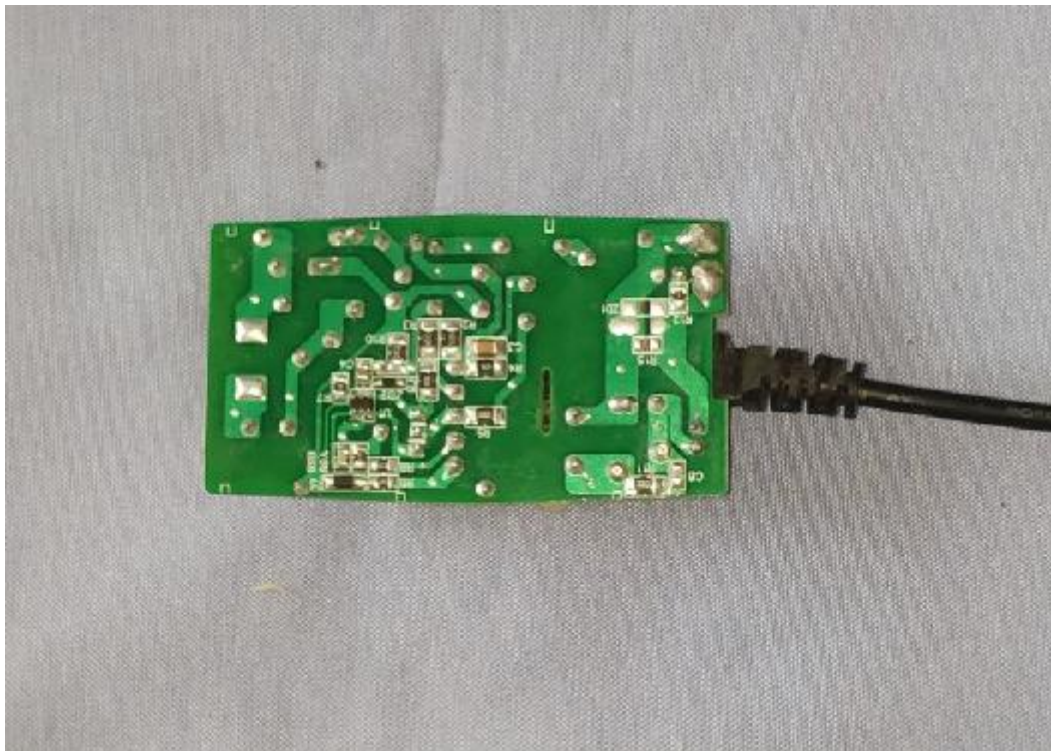
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Picture 10 PCB view (with glue on components)



Picture 11 PCB view (without glue)



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Picture 13 Transformer view



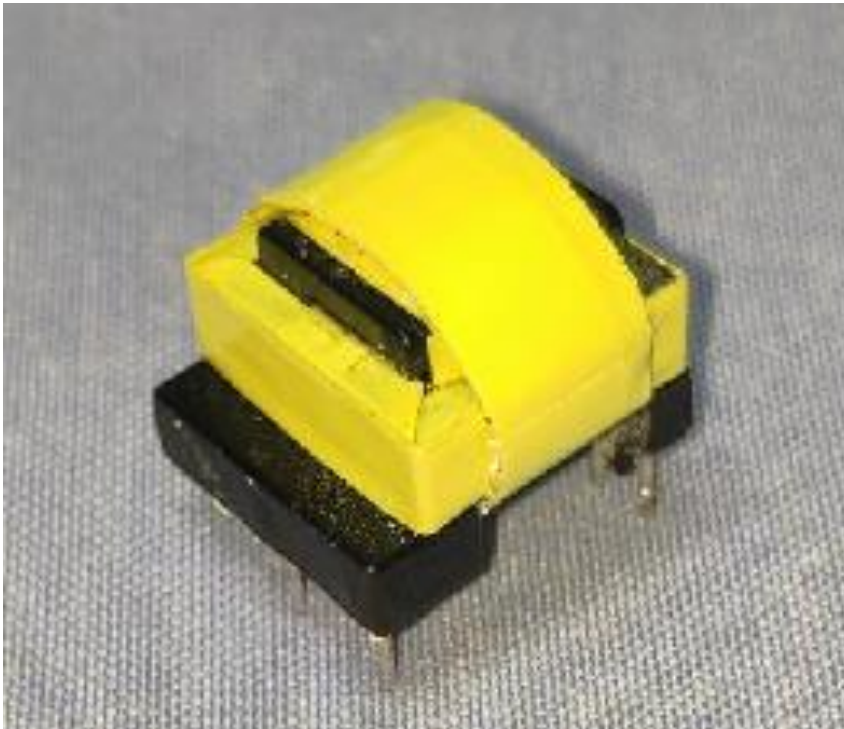
Picture 14 Transformer view



Picture 15 Transformer view



Picture 16 Transformer view



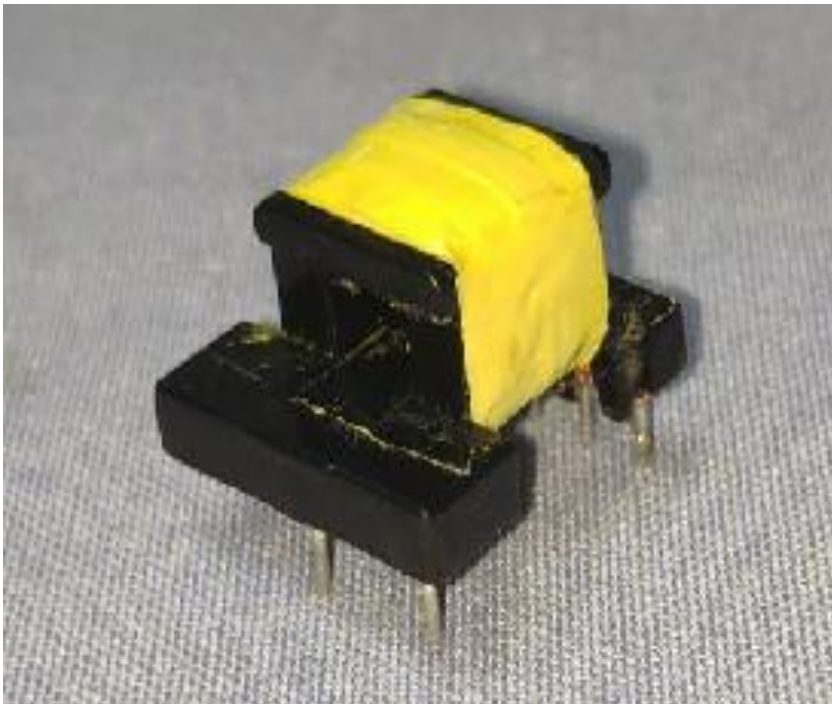
Picture 17 Transformer view



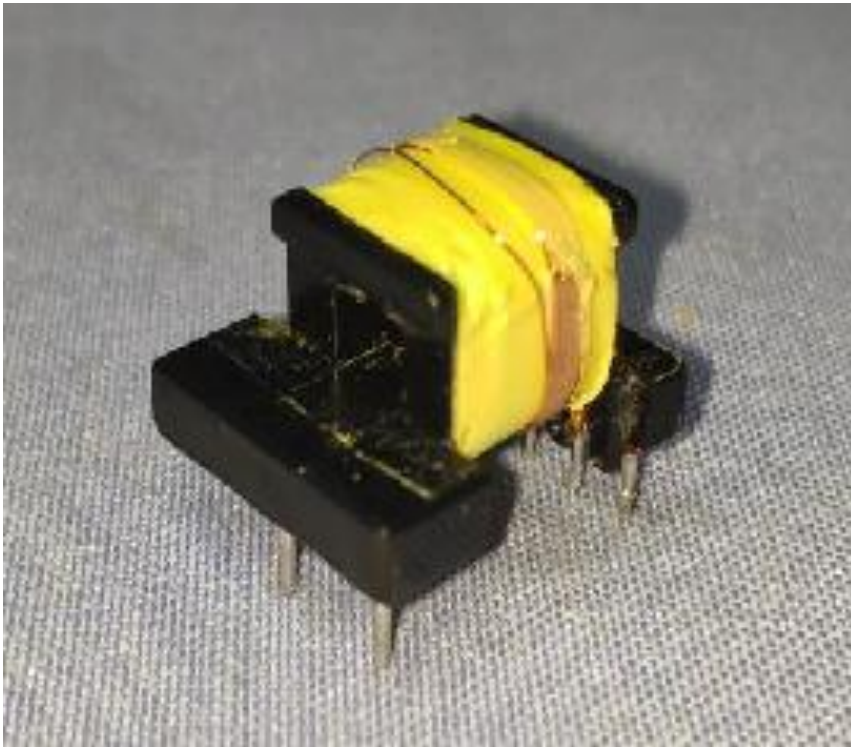
Picture 18 Transformer view



Picture 19 Transformer view



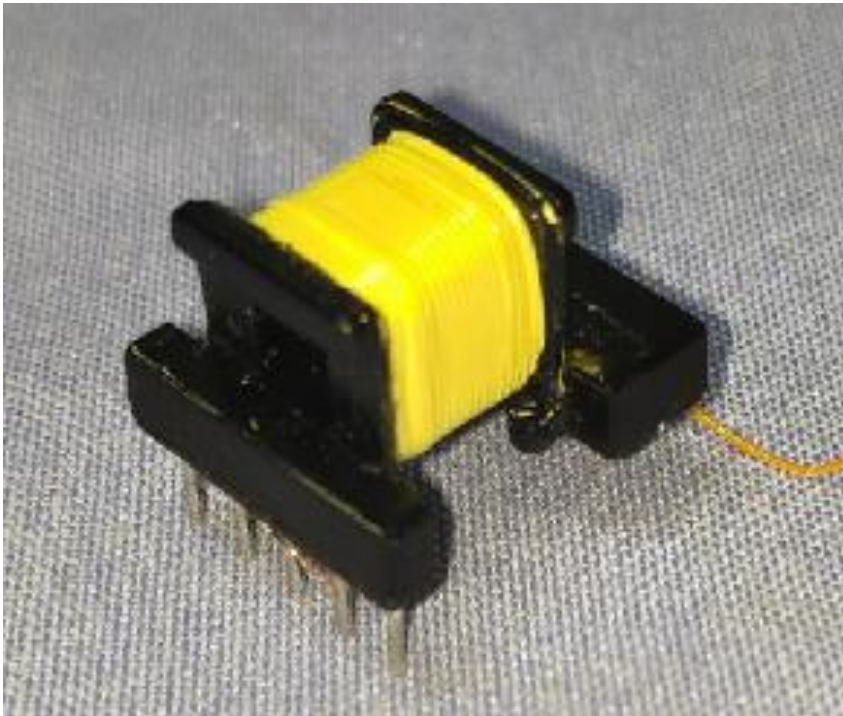
Picture 20 Transformer view



Picture 21 Transformer view



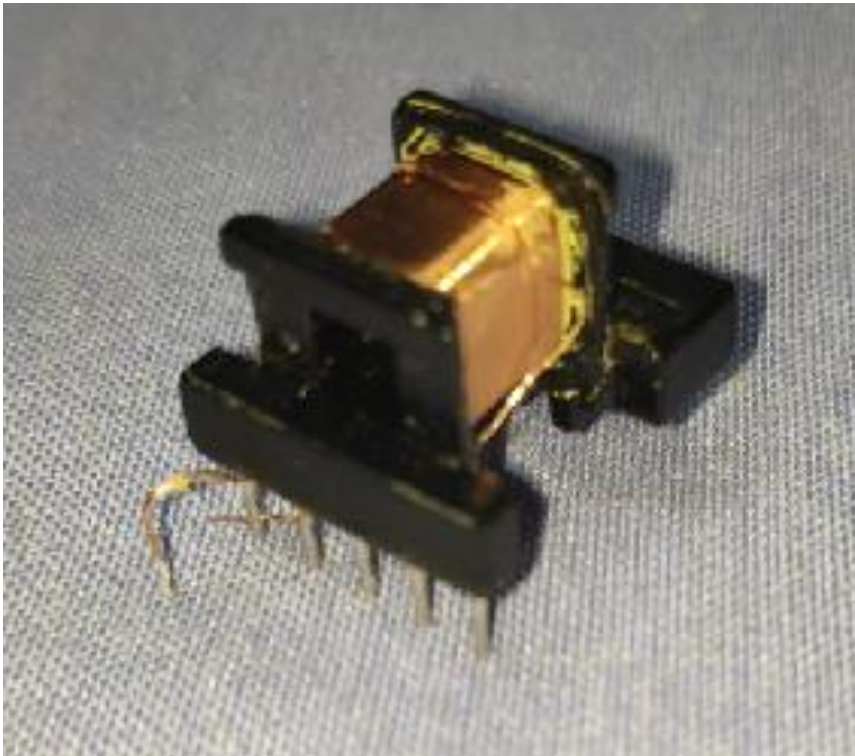
Picture 22 Transformer view



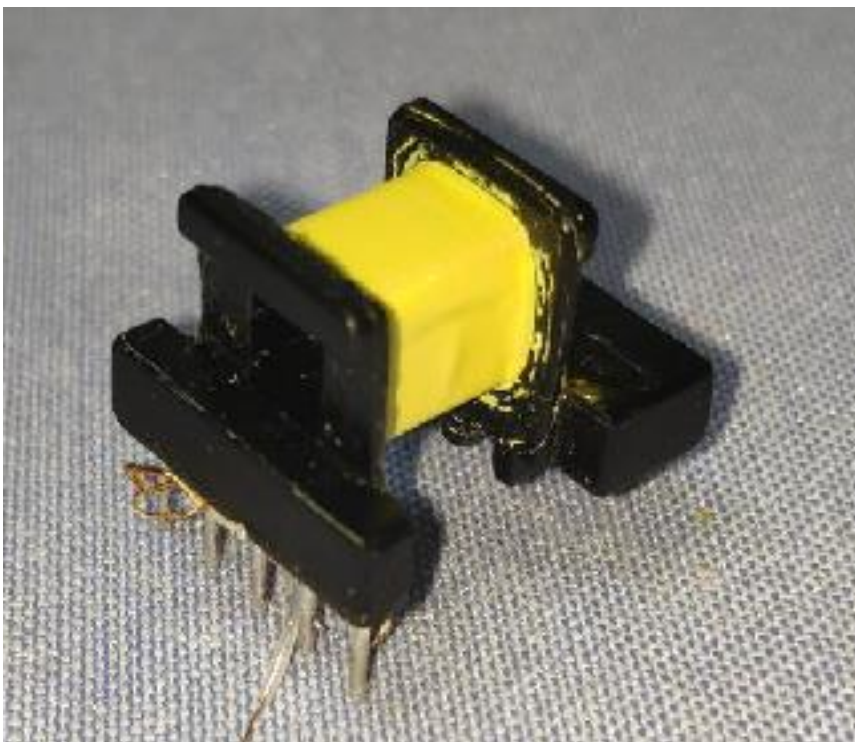
Picture 23 Transformer view



Picture 24 Transformer view



Picture 25 Transformer view



Picture 26 Transformer view



Picture 27 Transformer view



Picture 28 Transformer view

Prüfbericht-Nr.: Test Report No.:	CN252172 001	Auftrags-Nr.: Order No.:	158313762	Seite 1 von 18 Page 1 of 18
Kunden-Referenz-Nr.: Client Reference No.:	2110620	Auftragsdatum: Order date.:	2025-07-11	
Auftraggeber: Client:	GlobTek (Suzhou) Co., Ltd. Building 4, No. 76, Jinling East Road, Suzhou Industrial Park, Jiangsu 215021, P.R. China			
Prüfgegenstand: Test item:	DC power supply unit			
Bezeichnung / Typ-Nr.: Identification / Type No.:	GTM96060-0606-1.0, GTM96060-0624, GTM96060-0636			
Auftrags-Inhalt: Order content:	PSE Approval			
Prüfgrundlage: Test specification:	Technical Requirements Appendix 12 J55032(H29)			
Wareneingangsdatum: Date of receipt:	2025-07-11			
Prüfmuster-Nr.: Test sample No.:	A004019246-001			
Prüfzeitraum: Testing period:	2025-07-13			
Ort der Prüfung: Place of testing:	Refer to clause 1.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: Xue Lan Zhang tested by: <i>Xuelan Zhang</i> Datum: 2025-07-25 Date: Stellung:/ Position: Inspector		genehmigt von: Jia Yi Zhou authorized by: <i>Jiayi Zhou</i> Ausstellungsdatum: 2025-07-25 Issue date: Stellung:/ Position: Senior Inspector		
Sonstiges / Other: Refer to clause 2.2 for more information.				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: P(ass) = passed a.m. test specifications(s) F(ail) = failed a.m. test specifications(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark</i>				

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Test Report No.:

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Anmerkungen Remarks

- | | |
|----------|--|
| 1 | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</p> <p>Detaillierte Informationen bezüglich Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.</i></p> <p><i>Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p> |
| 2 | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature</p> <p><i>As contractually agreed, this document has been signed digitally only. TÜV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TÜV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i></p> |
| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p> |
| 4 | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p> |

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Revision history of test report:

Report number	Issue date	Contents and reason for change if appropriate
CN252172 001	2025-07-25	Initial release.

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1 Test Sites

1.1 Test Facilities

Laboratory: TÜV Rheinland (Shanghai) Co., Ltd.

Address: No.177, 178, Lane 777 West Guangzhong Road, Jing'an District, Shanghai, China

The used test equipment is in accordance with CISPR 16-1 series standards for measurement of radio interference.

Refer to Clause 7 for test and measurement instruments.

2 General Product Information

2.1 Product Function and Intended Use

The EUTs (equipment under test) are DC power supply unit for household and similar use. For the further information, refer to the user's manual.

2.2 Ratings and System Details

Rated input	: AC 100 – 240 V, 50 – 60 Hz, 0.6 A
Rated output	: DC 5 V, 1.2 A for GTM96060-0606-1.0
	DC 24 V, 0.25 A for GTM96060-0624
	DC 36 V, 0.16 A for GTM96060-0636
Protection class	: II

Identities and differences:

The above models have similar electrical characteristics. The differences among them are type designation and rated output. Therefore, all the EMC tests were performed on the model GTM96060-0636.

2.3 Independent Operation Modes

The basic operation mode is:

Mode 1: Continuously charging,

2.4 Noise Generating and Noise Suppressing Parts

Refer to the circuit diagram for further information.

2.5 Submitted Documents

Circuit diagram and rating label etc.

3 Test Set-up and Operation Modes

3.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible emission level. The test conditions were adapted accordingly in reference to the instructions for use.

Refer to the related paragraph of this report.

3.2 Physical Configuration for Testing

Refer to the related paragraph of this report.

3.3 Test Operation and Test Software

Refer to the related paragraph of this report. No software was used.

3.4 Special Accessories and Auxiliary Equipment

During the tests, the matched resistor was used as load.

3.5 Countermeasures to achieve EMC Compliance

No special measure is employed to achieve the requirement.

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4 Conformity Decision Rule

For all EMI tests (when included in this report), as measurement uncertainties are less than the values U_{CISPR} given in CISPR 16-4-2, compliance with the limits is determined by comparing measurement results directly with corresponding limits without taking into consideration of measurement uncertainties.

5 Test Results EMISSION

5.1 Emission in the Frequency Range up to 30 MHz

5.1.1 Mains Terminal Continuous Disturbance Voltage

Result:	Passed
----------------	---------------

Date of testing	: 2025-07-13
Test procedure	: J55032(H29), CISPR 32:2015 and CISPR 16-2-1
Test port	: AC mains port
Frequency range	: 150 kHz – 30 MHz
Limit	: Table A.10 of CISPR 32:2015
Kind of test site	: shielded room
Ambient condition	: Temperature: 23 °C; Relative humidity: 40 %
Expanded measurement uncertainty ($k=2$)	: 2.33 dB

Test Setup

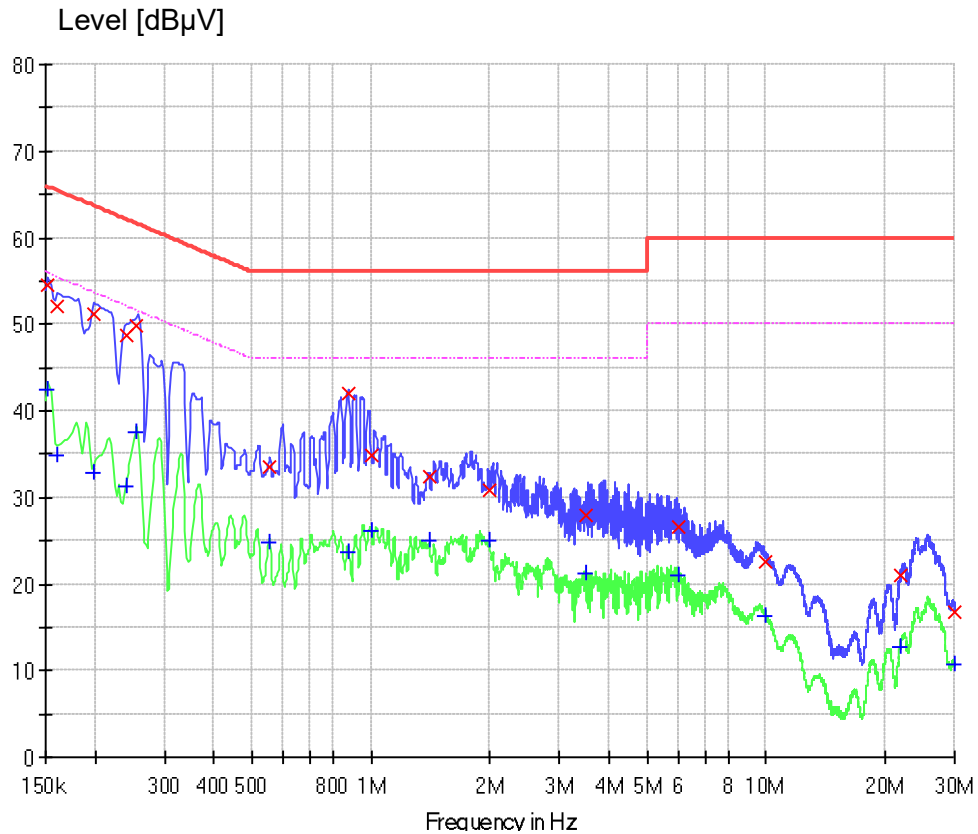
Input voltage	: AC 90~110 V, 50/60 Hz
Operational mode	: Mode 1
Artificial hand	: N/A
Earthing	: No earthing. (as class II equipment)

The measurement setup was made according to Annex D of CISPR 32:2015 in a shielded room. The measurement equipment like test receivers, quasi-peak detector and Artificial Mains Network (AMN) are in compliance with CISPR 16-1 series standards. The tested object was operated under its rated voltage and its rated frequency. Prior to the measurements the test object operated about 5 minutes (warm-up) in order to stabilize its operating conditions and to ensure reliable measurement values. Furthermore an internal calibration with the test receiver was conducted prior to each measurement.

The tested object was settled on a 0.4 m wooden support. The EUT was set 0.8 m away from the AMN. The Interference Voltage was determined according to annex C of CISPR 32:2015 while measuring the line and neutral conductor by turns.

The following figures and tables were those measured by an automatic measuring system. Both Quasi-Peak and Average Value were measured. Quasi-Peak and Average Value were measured and listed respectively where they had a maximum in previous scanning survey. In the Figures, blue “ $\times$ ” means Quasi-Peak Value and green “ $+$ ” means Average Value which was measured in final measurement.

Figure 1: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, L line



QP

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBμV)
0.152250	54.6	1000.0	9.000	L1	10.6	11.3	65.9
0.160000	52.1	1000.0	9.000	L1	10.6	13.4	65.5
0.199500	51.3	1000.0	9.000	L1	10.5	12.4	63.6
0.240000	48.8	1000.0	9.000	L1	10.5	13.3	62.1
0.255750	49.7	1000.0	9.000	L1	10.5	11.8	61.6
0.550000	33.5	1000.0	9.000	L1	10.5	22.5	56.0
0.879000	42.0	1000.0	9.000	L1	10.5	14.0	56.0
1.000000	35.0	1000.0	9.000	L1	10.5	21.1	56.0
1.400000	32.4	1000.0	9.000	L1	10.5	23.6	56.0
2.000000	30.9	1000.0	9.000	L1	10.5	25.1	56.0
3.500000	27.9	1000.0	9.000	L1	10.6	28.1	56.0
6.000000	26.7	1000.0	9.000	L1	10.6	33.3	60.0
10.000000	22.7	1000.0	9.000	L1	10.9	37.3	60.0
22.000000	21.0	1000.0	9.000	L1	11.2	39.0	60.0
30.000000	16.7	1000.0	9.000	L1	11.4	43.3	60.0

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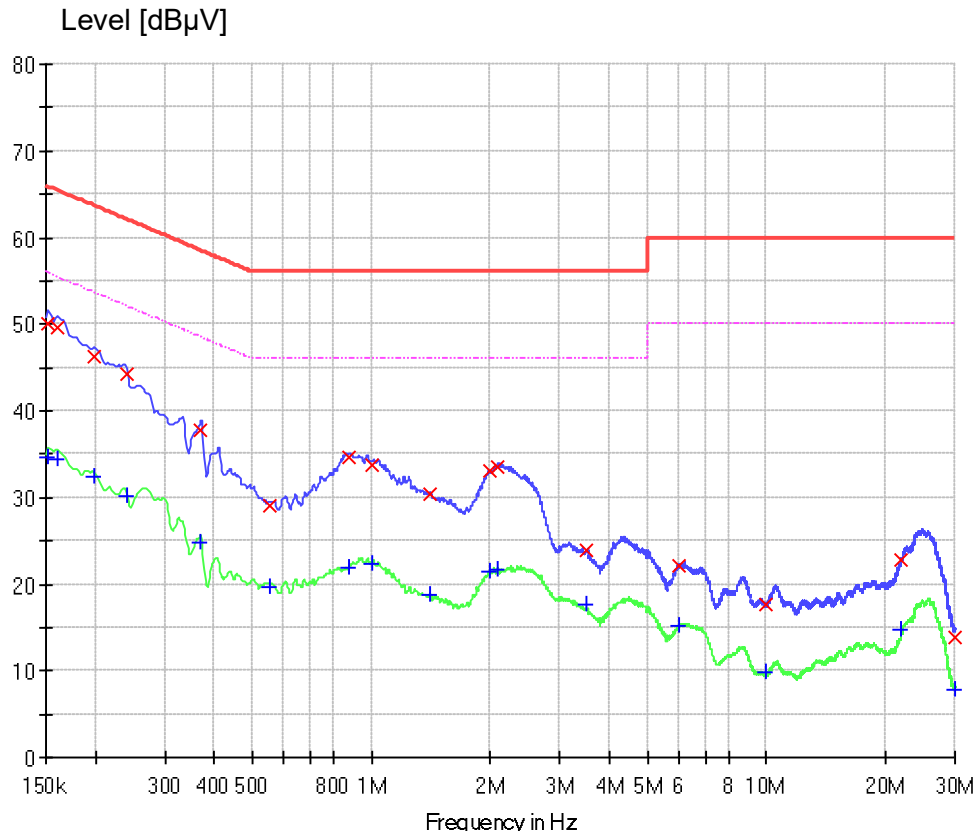
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AV

Frequency (MHz)	CAverage (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin - CAV (dB)	Limit - CAV (dBuV)
0.152250	42.5	1000.0	9.000	L1	10.6	13.4	55.9
0.160000	34.8	1000.0	9.000	L1	10.6	20.7	55.5
0.199500	32.8	1000.0	9.000	L1	10.5	20.8	53.6
0.240000	31.2	1000.0	9.000	L1	10.5	20.9	52.1
0.255750	37.5	1000.0	9.000	L1	10.5	14.0	51.6
0.550000	24.8	1000.0	9.000	L1	10.5	21.3	46.0
0.879000	23.7	1000.0	9.000	L1	10.5	22.3	46.0
1.000000	26.1	1000.0	9.000	L1	10.5	19.9	46.0
1.400000	25.1	1000.0	9.000	L1	10.5	20.9	46.0
2.000000	25.0	1000.0	9.000	L1	10.5	21.0	46.0
3.500000	21.2	1000.0	9.000	L1	10.6	24.8	46.0
6.000000	21.1	1000.0	9.000	L1	10.6	28.9	50.0
10.000000	16.2	1000.0	9.000	L1	10.9	33.8	50.0
22.000000	12.8	1000.0	9.000	L1	11.2	37.2	50.0
30.000000	10.8	1000.0	9.000	L1	11.4	39.2	50.0

Figure 2: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, N line


QP

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBμV)
0.152250	50.1	1000.0	9.000	N	10.3	15.8	65.9
0.160000	49.5	1000.0	9.000	N	10.3	15.9	65.5
0.199500	46.3	1000.0	9.000	N	10.3	17.3	63.6
0.240000	44.2	1000.0	9.000	N	10.3	17.9	62.1
0.370500	37.8	1000.0	9.000	N	10.3	20.7	58.5
0.550000	29.0	1000.0	9.000	N	10.3	27.0	56.0
0.874500	34.7	1000.0	9.000	N	10.3	21.3	56.0
1.000000	33.8	1000.0	9.000	N	10.3	22.2	56.0
1.400000	30.4	1000.0	9.000	N	10.4	25.6	56.0
2.000000	33.0	1000.0	9.000	N	10.4	23.0	56.0
2.085000	33.5	1000.0	9.000	N	10.4	22.5	56.0
3.500000	23.8	1000.0	9.000	N	10.4	32.2	56.0
6.000000	22.0	1000.0	9.000	N	10.5	38.0	60.0
10.000000	17.7	1000.0	9.000	N	10.7	42.3	60.0
22.000000	22.8	1000.0	9.000	N	11.1	37.2	60.0
30.000000	13.9	1000.0	9.000	N	11.4	46.1	60.0

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AV

Frequency (MHz)	CAverage (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin - CAV (dB)	Limit - CAV (dBuV)
0.152250	34.6	1000.0	9.000	N	10.3	21.3	55.9
0.160000	34.4	1000.0	9.000	N	10.3	21.1	55.5
0.199500	32.4	1000.0	9.000	N	10.3	21.2	53.6
0.240000	30.2	1000.0	9.000	N	10.3	21.9	52.1
0.370500	24.9	1000.0	9.000	N	10.3	23.6	48.5
0.550000	19.6	1000.0	9.000	N	10.3	26.4	46.0
0.874500	22.0	1000.0	9.000	N	10.3	24.0	46.0
1.000000	22.3	1000.0	9.000	N	10.3	23.7	46.0
1.400000	18.8	1000.0	9.000	N	10.4	27.2	46.0
2.000000	21.6	1000.0	9.000	N	10.4	24.5	46.0
2.085000	21.6	1000.0	9.000	N	10.4	24.4	46.0
3.500000	17.6	1000.0	9.000	N	10.4	28.4	46.0
6.000000	15.3	1000.0	9.000	N	10.5	34.7	50.0
10.000000	9.9	1000.0	9.000	N	10.7	40.1	50.0
22.000000	14.7	1000.0	9.000	N	11.1	35.3	50.0
30.000000	7.9	1000.0	9.000	N	11.4	42.1	50.0

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated emission

Result:	Passed
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Date of testing	: 2025-07-13
Port	: Enclosure
Test procedure	: J55032(H29), CISPR 32:2015 and CISPR 16-2-1
Category of product	: Class B
Frequency range	: 30 – 1000 MHz (see Note)
Limit	: Table A.4 of CISPR 32:2015, Quasi-peak limits (3 m distance): 30 – 230 MHz, 40 dB μ V/m; 230 – 1000 MHz, 47 dB μ V/m
Test distance	: 3 m
Kind of test site	: Semi-anechoic chamber
Test voltage	: AC 100 V, 50 Hz
Operational mode	: Mode 1
Ambient condition	: Temperature: 23 °C; Relative humidity: 41 %
Expanded measurement uncertainty ($k=2$)	: 5.40 dB

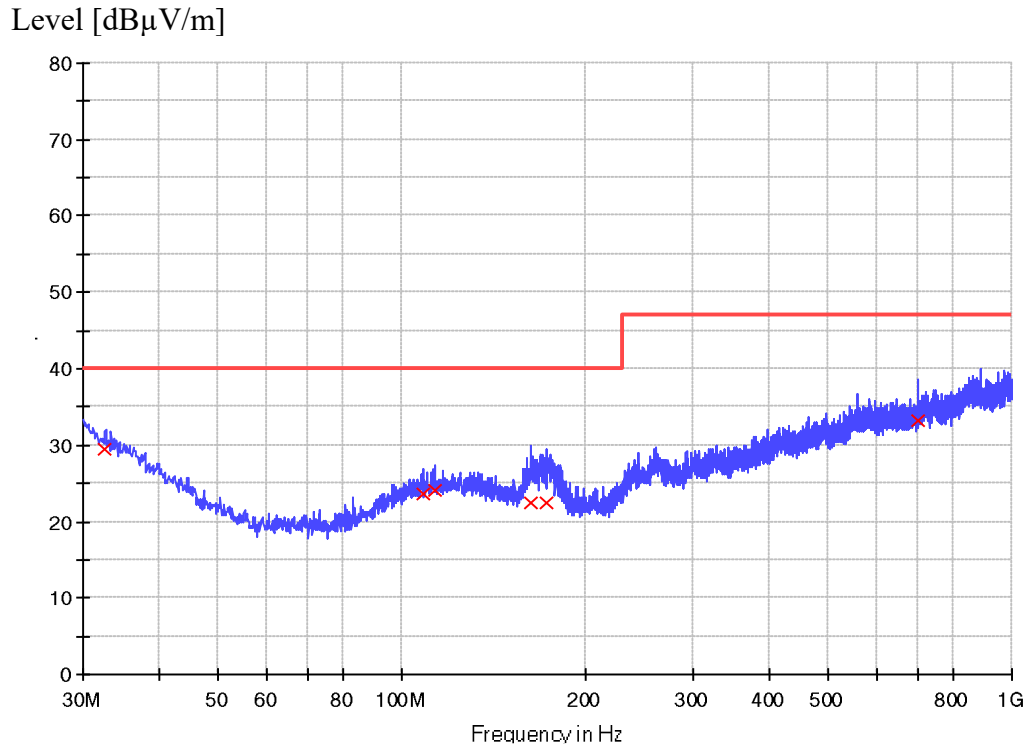
Measuring configuration and description

The radiated disturbance test was carried out in a semi-anechoic chamber. The test distance from the receiving antenna to the EUT is 3 m. The normalized site attenuation of the semi-anechoic chamber is regularly calibrated to ensure the radiated disturbance test results are valid. During the test, the EUT was placed on a wooden table, which is 0.8 m high. The wooden table was rotated 360° around and the antenna was varied from 1 m to 4 m to find the maximum disturbance. The test was performed with the antenna both in its horizontal and vertical polarizations.

The following figures and tables were those measured by an automatic measurement system. The final test was performed with quasi-peak detector at those critical frequencies during the preview test. In the following figure, “✗” means measurement results with quasi-peak detector.

Note: The highest frequency of the internal sources of the EUT is 68 kHz, less than 108 MHz, so according to Table 1 in CISPR 32:2015 this measurement was only performed up to 1 GHz.

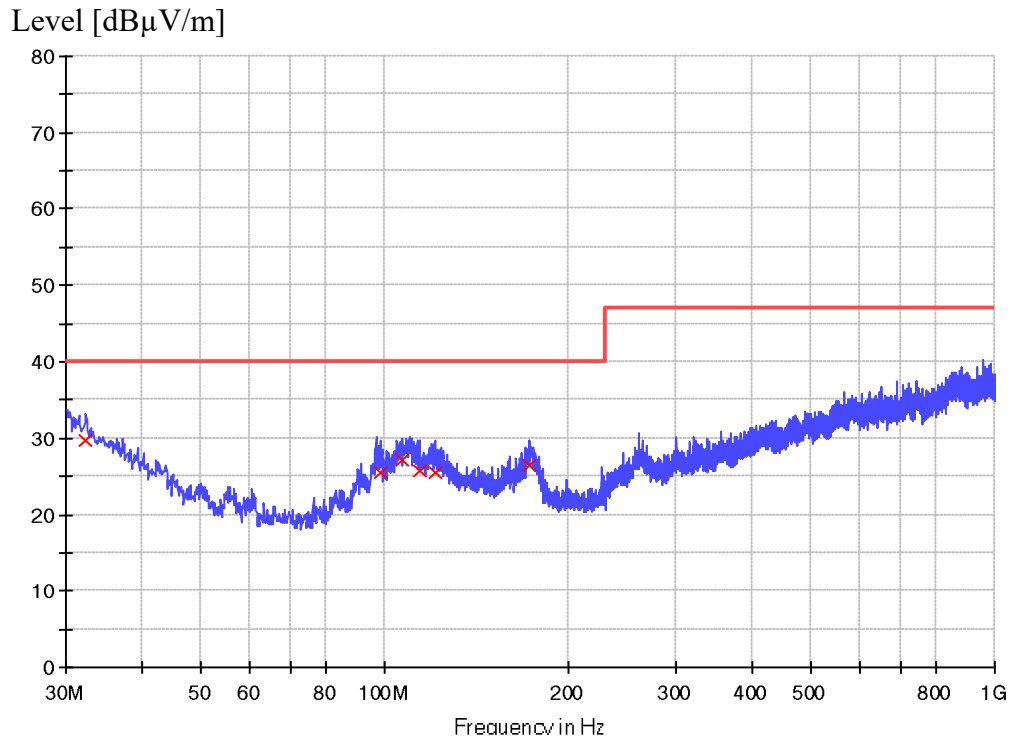
Figure 3: Spectral Diagrams and measurement results, 30 – 1000 MHz, Horizontal polarization



Limit and Margin

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dB μ V/m)
32.546250	29.5	1000.0	120.000	100.0	H	180.0	24.0	10.5	40.0
108.20625	23.7	1000.0	120.000	120.0	H	-60.0	18.4	16.3	40.0
113.05625	24.0	1000.0	120.000	140.0	H	133.0	18.7	16.0	40.0
163.13250	22.4	1000.0	120.000	150.0	H	-108.0	16.8	17.6	40.0
172.46875	22.4	1000.0	120.000	170.0	H	-155.0	16.2	17.6	40.0
704.02875	33.1	1000.0	120.000	200.0	H	-180.0	27.2	13.9	47.0

Figure 4: Spectral Diagrams and measurement results, 30 – 1000 MHz, Vertical polarization

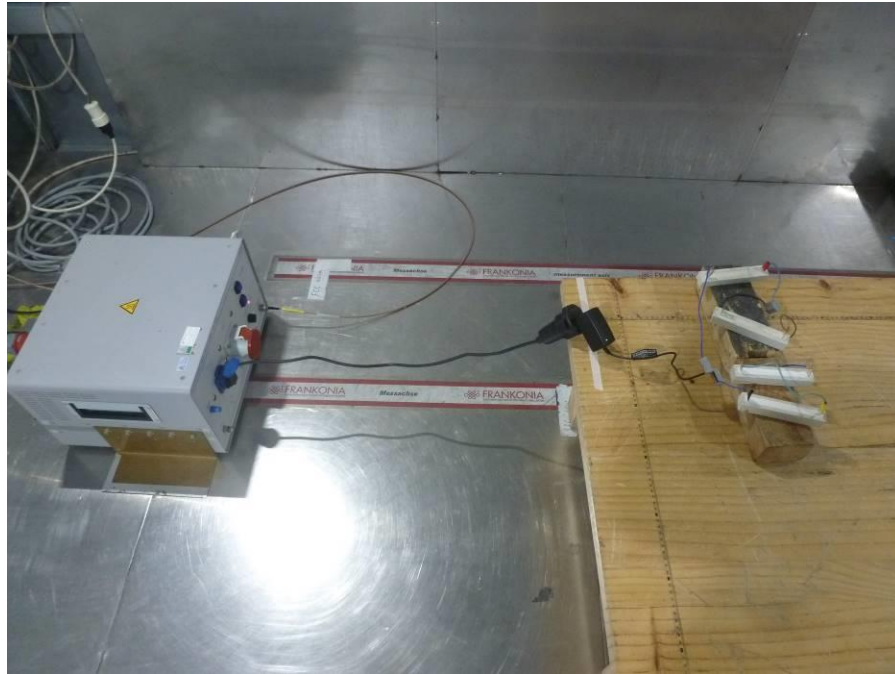


Limit and Margin

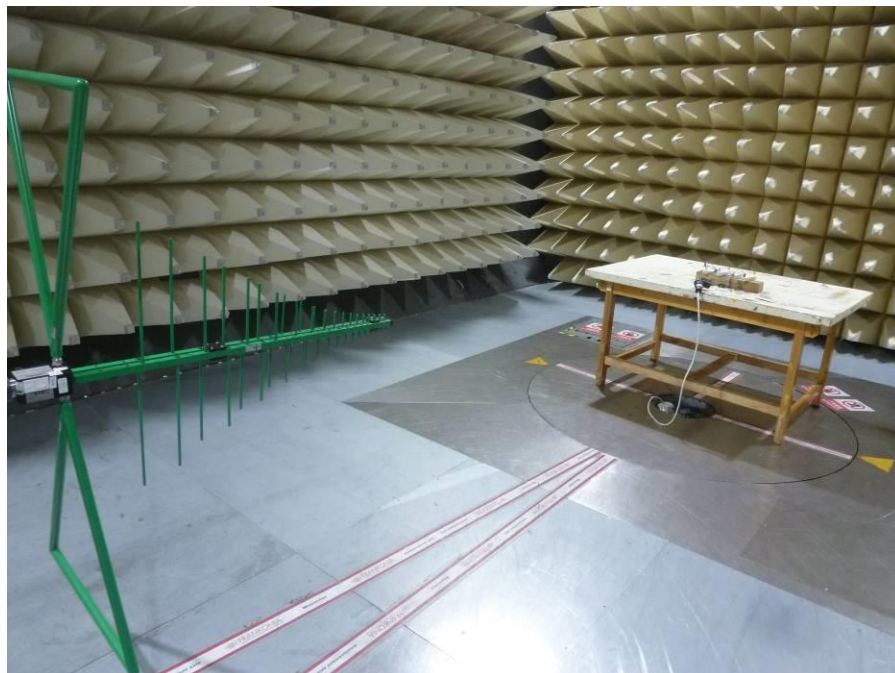
Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
32.303750	29.7	1000.0	120.000	100.0	V	-180.0	24.1	10.3	40.0
98.142500	25.5	1000.0	120.000	120.0	V	134.0	17.0	14.5	40.0
106.87250	27.1	1000.0	120.000	140.0	V	-104.0	18.3	12.9	40.0
113.90500	25.8	1000.0	120.000	160.0	V	-157.0	18.7	14.2	40.0
120.69500	25.4	1000.0	120.000	180.0	V	59.0	18.7	14.6	40.0
172.71125	26.4	1000.0	120.000	210.0	V	180.0	16.2	13.6	40.0

6 Photographs of the Test Set-Up

Photograph 1: Set-up for measurement of disturbance voltage



Photograph 2: Set-up for measurement of radiated emission



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7 List of Test and Measurement Instruments

Equip. no.	Equipment name	Model	Serial no.	Manufacturer	Cal. date	Due date
EMC-S-028	EMI measurement software	EMC32-E+ (10.60.20)	100150	Rohde & Schwarz	N/A	N/A
EMC-C-366	Thermohygrometer	608-H1	2485149174	testo	2024-07-26	2025-07-26
EMC-C-195	EMI test receiver	ESR3	102794	Rohde & Schwarz	2024-08-03	2025-08-03
EMC-C-190	Artificial mains network	ENV432	101514	Rohde & Schwarz	2024-10-11	2025-10-11
EMC-S-032	EMI measurement software	EMC32-MEB (10.60.20)	100697	Rohde & Schwarz	N/A	N/A
EMC-C-155	BiLog antenna	CBL 6112D	40530	Teseq	2025-03-24	2026-09-24
EMC-C-121	Thermohygrometer	608-H1	1241320265	testo	2025-06-05	2026-06-05
EMC-C-066	EMI test receiver	ESCI	100280	Rohde & Schwarz	2024-10-17	2025-10-17
EMC-C-001	3 m semi-anechoic chamber	SAC3	FJ129002	Frankonia	2023-12-03	2026-12-03

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End of test report