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Guangdong Dongdian Testing Service Co., Ltd.

TEST REPORT

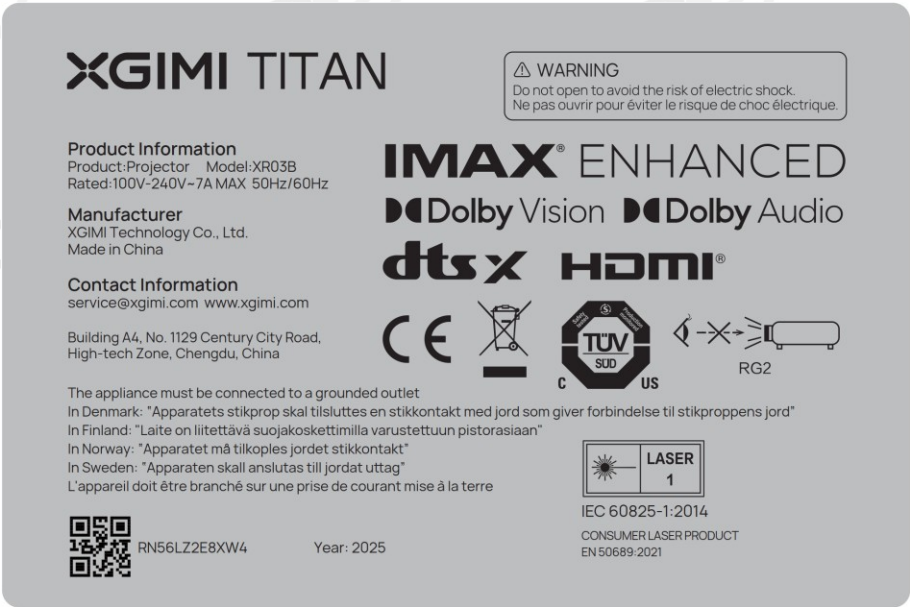
Applicant	:	XGIMI Technology Co., Ltd.
Address of Applicant	:	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone, China
Manufacturer	:	XGIMI Technology Co., Ltd.
Address of Manufacturer	:	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone, China
Equipment under Test	:	Projector
Model No.	:	XR03B
Test Standard(s)	:	COMMISSION REGULATION (EU) 2023/826, EN 50564:2011
Report No.	:	DDT-RE25090923-1S03
Issue Date	:	January 22, 2026
Issued By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

COMMISSION REGULATION (EU) 2023/826 of 17 April 2023 laying down ecodesign requirements for off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulations (EC) No 1275/2008 and (EC) No 107/2009	
Report Reference No	DDT-RE25090923-1S03
Tested by (+ signature)	Wyman Huang
Approved by (+ signature)	Henry Fu
Date of issue	January 22, 2026
Total number of pages	24 pages
Testing Laboratory Name	Guangdong Dongdian Testing Service Co., Ltd.
Address	Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808
Applicant's name	XGIMI Technology Co., Ltd.
Address	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone, China
Manufacturer's name	XGIMI Technology Co., Ltd.
Address	Building No.4, Zone A, No.1129, Shijicheng Road, Chengdu High-tech Zone, Sichuan Pilot Free Trade Zone, China
Factory's name	Yibin XGIMI Optoelectronic Co., Ltd.
Address	No.2, West Section 4, Changjiang North Road, Lingang Economic Development Zone, YiBin, Sichuan Province, China
Test specification:	
Standard	COMMISSION REGULATION (EU) 2023/826, EN 50564:2011
Test procedure	COMMISSION REGULATION (EU) 2023/826, EN 50564:2011
Non-standard test method	N/A
Test item description	Projector
Trade Mark	 (XGIMI)
Model/Type reference	XR03B
Ratings	Input: 100V-240VAC, 7A MAX, 50Hz/60Hz



Copy of marking plate:



Summary of testing:

1. The product has been tested according to standby mode electric power consumption and power management requirements.
2. The product was tested in still air with ambient temperature 24.5°C and humidity of 50.0%.

Possible test case verdicts:

- | | |
|--|----------|
| - test case does not apply to the test object: | N (N/A) |
| - test object does meet the requirement: | P (Pass) |
| - test object does not meet the requirement: | F (Fail) |

Testing:

Date of receipt of test item:	2026-01-19
Date (s) of performance of tests:	2026-01-19

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, without the written approval of the Issuing testing laboratory.
"(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 point is used as the decimal separator.

General product information:

1. Refer to product user manual for more information.

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
1	Ecodesign requirements	See below	P
	(a) Power consumption in 'off mode': Power consumption of equipment in off mode condition shall not exceed 0.5W.		N/A
	Two years after the application of this Regulation, the power consumption of equipment in off mode shall not exceed 0.30W.		N/A
	(b) Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0.5W.	See Test Tabel 1	P
	Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, or providing only a reactivation function and an indication of enabled reactivation function and information or status display shall not exceed 0.80W, except for household tumble driers covered by Commission Regulation (EU) No 932/2012(1) for which this value shall be 1.00W.	No information or status display	N/A
	(c) Power consumption in networked standby: The power consumption of HiNA equipment or equipment with HiNA functionality, in networked standby shall not exceed 8.00W. Two years after the application of this Regulation, the power consumption of HiNA equipment or equipment with HiNA functionality in networked standby shall not exceed 7.00W.	Not HiNA equipment and without HiNA functionality	N/A
	Power consumption in networked standby: The power consumption of networked equipment, other than HiNA equipment or equipment with HiNA functionality, in networked standby shall not exceed 2.00W.	Not network equipment	N/A
2	Functional requirements:	See below	P

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
	(a) Availability of off mode and standby mode Equipment shall, except where this is in appropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode when the equipment is connected to the mains power source.	Availability of standby and another condition mode.	P
	(b) Power management		P
	-(1) When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into: —standby mode, or —off mode, or —another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. The power management function shall be activated before delivery.	1) If no signal provided or signal termination, product will enter into 'standby mode' and the power consumption doesn't exceed 0.5W. 2) If no pairing or operation to appliance, product will enter into 'another condition mode' and the power consumption doesn't exceed 0.5W.	P
	-(2) For household coffee machines, the period referred to in point (1) shall be as follows: — for drip filter household coffee machines storing the coffee in an insulated jug, a maximum of five minutes; — for drip filter household coffee machines storing the coffee in a non-insulated jug, a maximum of 40 minutes; — for household coffee machines other than drip filter household coffee machines, a maximum of 30 minutes.		N/A
	-(3) For other equipment, the period referred to in point (1) shall not exceed 20 minutes.	Not exceed 20 minutes	P
	-(4) The power management function described in point (1) shall be activated when the equipment is placed on the market or put into service and activated with its initial setup after the equipment is reset to its factory default settings.		P

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
	-(5) The equipment may offer the user the option to deactivate the power management function. In such cases the users shall be warned about the increased energy consumption of that action. That warning shall be included in the instruction manuals and, where applicable, be made available on the displays integrated in or connected to the equipment, excluding information or status displays. That option shall not be part of the installation procedure of the equipment and shall require a separate user action on the equipment.		N/A
	(c) Power management for networked equipment: Unless inappropriate for the intended use, equipment shall provide a power management function. When equipment is not performing a main function, and another energy-related product is not dependent on its functions, the power management function shall switch equipment, after the shortest possible period appropriate for the intended use of the equipment, automatically into networked standby. That period shall not exceed 20 minutes. In networked standby, the power management function may switch equipment automatically into standby mode or off mode or another condition, which does not exceed the applicable power consumption requirements for standby or off mode. Networked equipment other than HiNA equipment shall comply with the requirements set out in point 2(b) when all wired network ports are disconnected and all wireless network ports are deactivated.		N/A
	(d) Possibility of deactivating wireless network connections: Any networked equipment that can be connected to a wireless network shall offer the user the possibility to deactivate the wireless network connections. That requirement does not apply to equipment that relies on a single wireless network connection for intended use and have no wired network connection.		N/A
	(e) The indication 'standby' and its translations in all Union official languages shall not be used in describing, either alone or in combination with other information, any condition in which the equipment is not compliant with the requirements set out in points 1(b) or 1(c).		N/A
3	Information requirements	See below	P

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
	(a) The instruction manuals for end-users, and free access websites of manufacturers, importers or authorised representatives shall include the following information for all equipment, as applicable: (1) for each off mode, standby mode (or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode) and networked standby into which the equipment is switched by the power management function or similar function: — the power consumption expressed in watts rounded to the first decimal place; — the period after which the equipment reaches automatically standby mode, off mode or networked standby in minutes and rounded to the nearest minute; (2) the power consumption of the equipment in networked standby if all wired network ports are connected and all wireless network ports are activated; (3) For equipment that needs an external power supply, but it is placed on the market without one, the manufacturer, importer or authorised representative shall provide information on the technical characteristics of the product model of the external power supply to be used with that equipment. (4) guidance on how to activate and deactivate wireless network ports. As an alternative, information in points (1), (2) and (3) can be provided in the instruction manuals for end-users in the form of a link to this information in the free access websites of manufacturers, importers or authorised representatives.	See instruction manual	P

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
	(b)The technical documentation for the purposes of conformity assessment pursuant to Article 4 shall contain the following elements: (1)category of equipment: — specification whether it is networked or non-networked equipment; — for networked equipment, specification whether it is HiNA equipment, equipment with HiNA functionality, or other networked equipment; where no information is provided, the equipment is not considered HiNA equipment or equipment with HiNA functionality; (2)for each off mode, standby mode and networked standby: — the declared value of the power consumption in watts rounded to the first decimal place; — the measurement method used; — a description of how the equipment mode was selected or programmed; — the sequence of events leading to the condition where the equipment automatically changes modes; — any notes regarding the operation of the equipment, e.g. information on how the user switches the equipment into networked standby; — if applicable, the default time needed for the equipment to reach the applicable low power mode or condition in minutes and rounded to the nearest minute; (3)for networked equipment: — the number and type of network ports and, with the exception of wireless network ports, where those ports are located on the equipment; in particular it shall be declared if the same physical network port accommodates two or more types of network ports; — whether all network ports are deactivated before the equipment is placed on the market or put into service; — whether there are ports relying on active wired connections for the intended use, and the procedure used for deactivating those ports; — the power consumption of the equipment in networked standby if all wired network ports are connected and all wireless network ports are activated;	See technical documentation	P

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
	— guidance on how to activate and deactivate wireless network ports; (4)for each type of network port: — the period after which the power management function switches the equipment into networked standby; — the remotely initiated trigger that is used to reactivate the equipment; — the (maximum) performance specifications; — the (maximum) power consumption of the equipment in networked standby into which the power management function will switch the equipment, if only that port is used for remote activation; — the communication protocol used by the equipment; (5)test conditions for measurements: — ambient temperature; — test voltage in V and frequency in Hz; — total harmonic distortion of the electricity supply system; — description of the instrumentation, set-up and circuits used for electrical testing; (6)the equipment characteristics relevant for assessing conformity with the requirements set out in points 2(a), 2(b) and 2(c), as applicable, including the declared value of the time taken to automatically reach networked standby, standby mode or off mode, or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode in minutes, rounded to the nearest minute. (7)If applicable, a technical justification shall be provided that the requirements set out in point 2(a), 2(b), 2(c) and 2(d) are inappropriate for the intended use of equipment. The need to maintain one or more network connections or to wait for a remotely initiated trigger is not considered a technical justification for exemption from the requirements set out in point 2(b) in the case of equipment that is not defined as networked equipment by the manufacturer. For the requirements set out in point 2(c), the technical justification shall, in particular, provide evidence on why a main function needs to remain always active. In addition, where applicable, the packaging shall mention explicitly that:		

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict
	(a)the equipment does not have a standby mode or other equivalent state in terms of energy efficiency requirements, power management function or the ability to deactivate wireless network connections mode; (b)the power consumption of the equipment is likely to be higher than other equipment models meeting these functional requirements. (8)the description of the equipment's main functions.		
4	Measurements		P
	Measurements and calculations shall be made using harmonised standards, the reference numbers of which have been published for this purpose in the Official Journal of the European Union, or other reliable, accurate and reproducible methods, which take into account the generally recognised state of the art.		P

(EU) 2023/826			
Clause	Requirement - Test	Result - Remark	Verdict

Test setup drawing:

Where the connection arrangement can be configured, it is selected as below:

- 1, Higher powers: $I_m > V_s \times \sqrt{1/(R_a \times R_v)}$, then use the connection arrangement in B.1;
- 2, Lower powers: $I_m \leq V_s \times \sqrt{1/(R_a \times R_v)}$, then use the connection arrangement in B.2;

where

- I_m is the measured r.m.s. current of the load in amps (A);
- V_s is the supply voltage (V);
- R_a is the resistance of the current shunt for the selected current range (in Ω);
- R_v is the resistance of the voltmeter (in Ω);

Rating parameter for WT310 power analyzer as below:

- Voltage input resistance R_v 16M Ω (16 000 000 Ω)
- Current shunt resistance R_a 10m Ω (0.01 Ω)
- Measured $I_m = 0.077A$, use the connection arrangement in B.2

V_s	230 (V)
$V_s \times \sqrt{1/(R_a \times R_v)}$	
R_a	0.575 (A)
0.01 (Ω)	

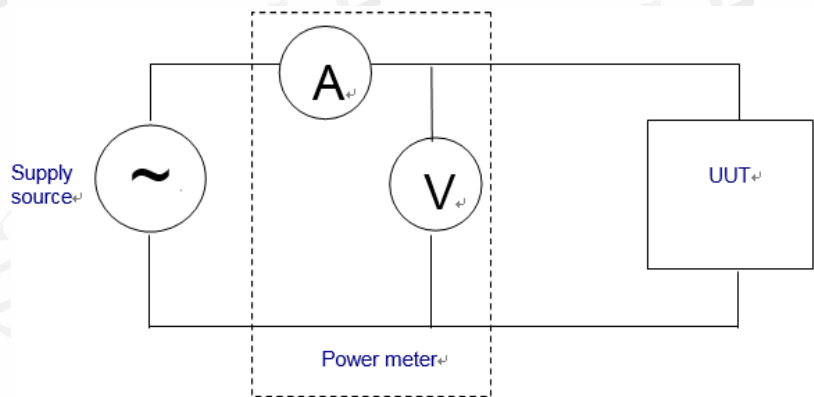


Figure B.1 – Connection arrangement for higher power loads

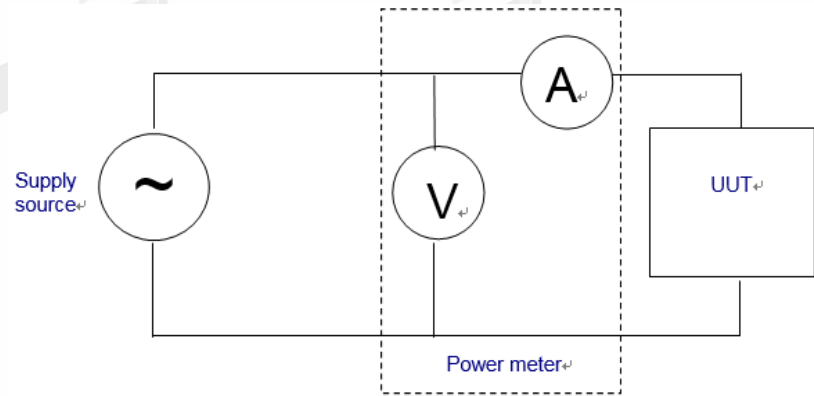


Figure B.2 – Connection arrangement for lower power loads

Test Tabel 1: Power consumption in		P
Test voltage/ Frequency	230VAC / 50Hz	
Test Item	See below	
Rms input voltage (V)	230.03	
Input supply frequency (Hz)	50	
Ambient temperature (°C)	24.5	
Total harmonic distortion (V%THD)	<2%	
True power factor	0.05	
Rms standby mode power (W)	HDMI mode: 0.451W USB mode: 0.452W	
Rms off mode power (W)	N/A	
Rms another condition mode power (W)	0.441W	
Rms networked standby mode power(W)	N/A	
Maximum power consumption in "off mode"	☐ 0.5 W ☐ 0.3 W (Start on 09 May 2027)	
Maximum power consumption in "standby mode"	☒ 0.5 W (without information or status display) ☐ 0.8 W (with information or status display)	
Maximum power consumption in "networked standby mode"	For networked equipment without HiNA functionality ☐ 2.0W For networked equipment with HiNA functionality ☐ 8.0W ☐ 7.0W (Start on 09 May 2027)	
Power management	1) For standby mode: Power on the appliance, don't provide signal input or terminate signal input to appliance, the appliance will transfer to standby mode. 2) For another condition mode: Power on the appliance, don't pairing or operation to appliance, the appliance will transfer to another condition mode.	
Sequence of events to reach the mode where the equipment automatically changes modes	1) For standby mode: Power on, working mode, idle mode, standby mode. 2) For another condition mode: Power on, idle mode, another condition mode.	

Test equipment:

Equipment	Model/Type	Last Calibration Date	Next Calibration Date
Watch	A-206	2025/03/21	2026/03/20
Digital Power Meter	YOKOGAWA/ WT310	2025/09/01	2026/08/31
Temperature & Humidity Meter	YSWS3020	2025/09/04	2026/09/03
AC Source	6560	2025/03/11	2026/03/10

Photos:



Fig. 1: Overall view



Fig. 2: External view

Photos:



Fig. 3: External view

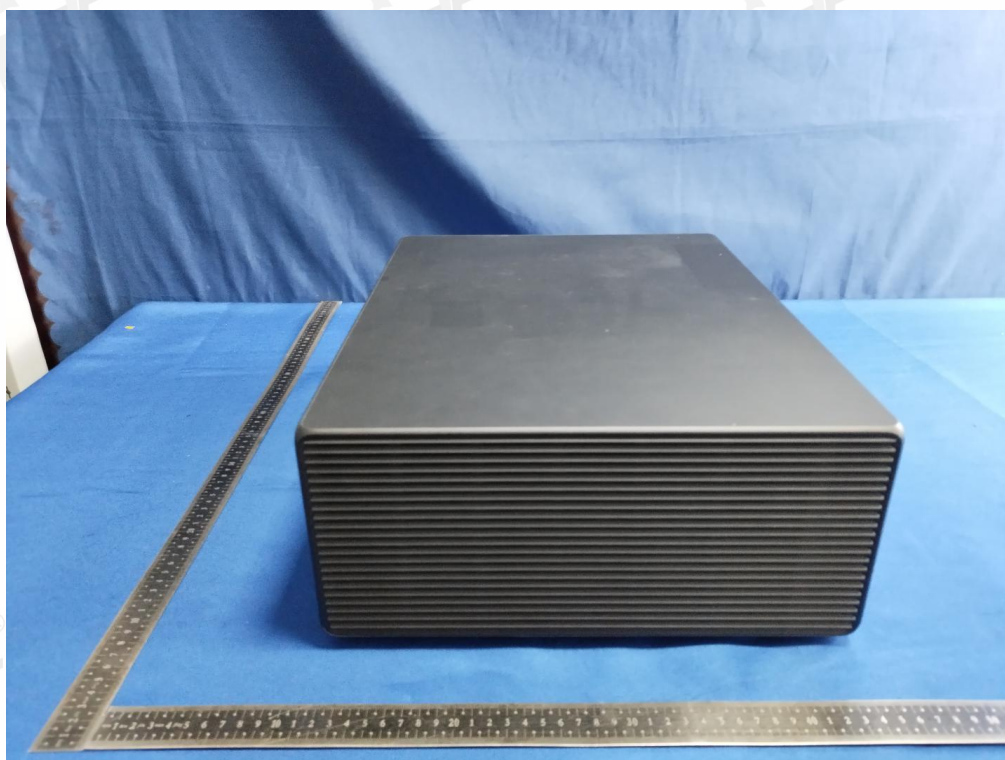


Fig. 4: External view

Photos:



Fig. 5: External view



Fig. 6: External view

Photos:



Fig. 7: Internal view

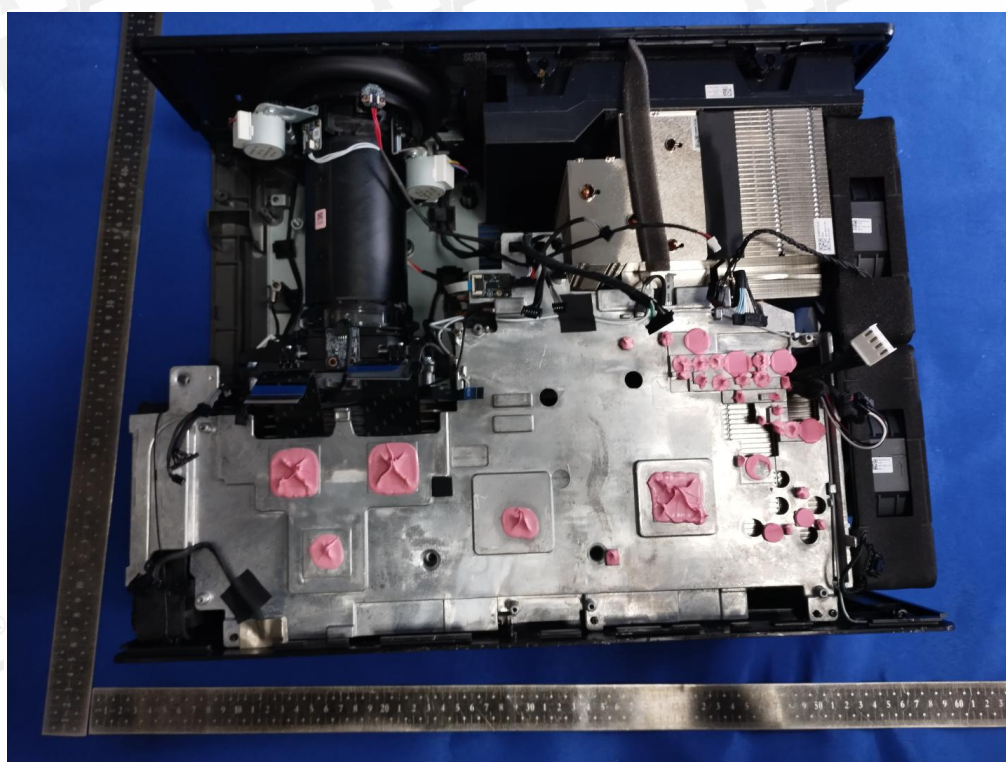


Fig. 8: Internal view

Photos:

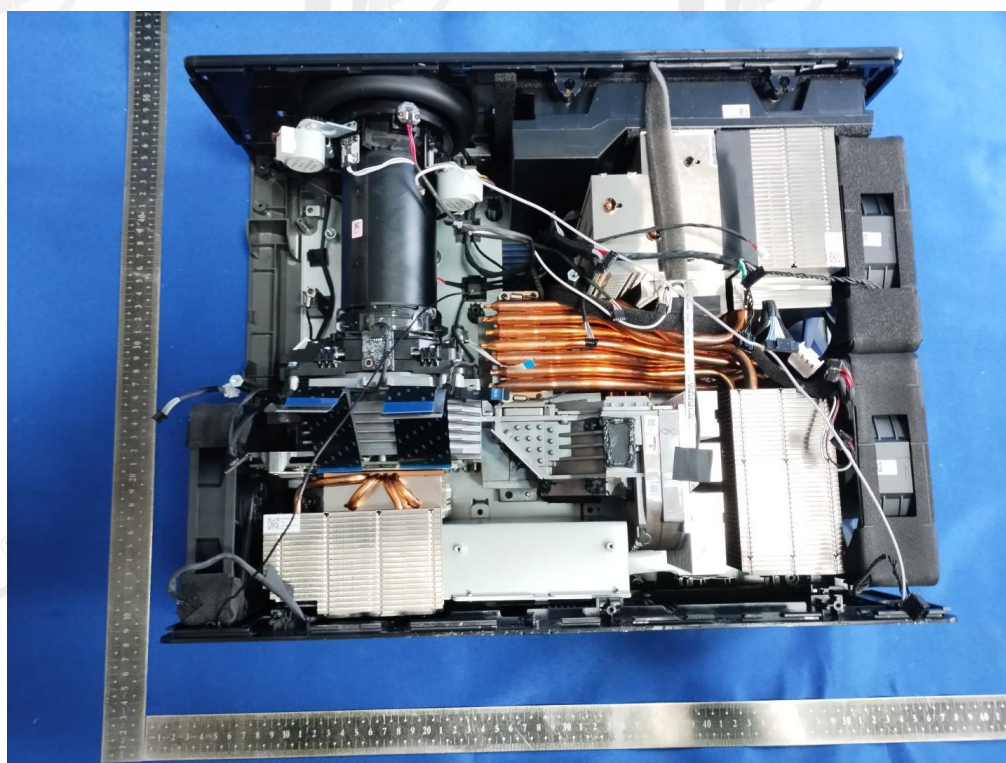


Fig. 9: Internal view

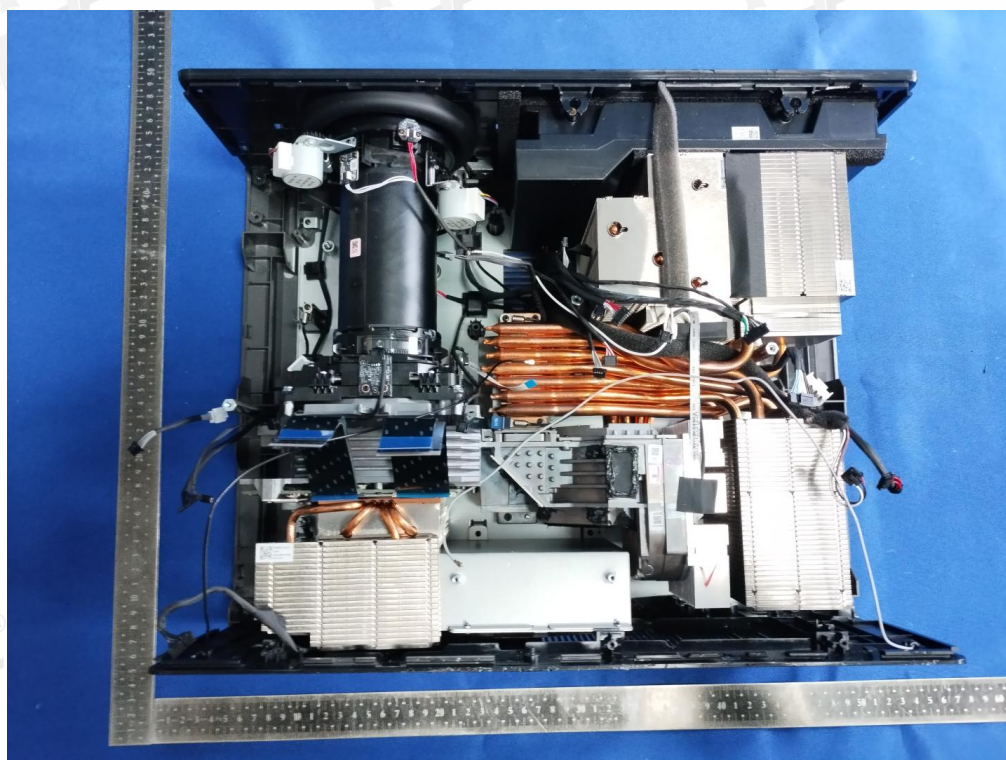


Fig. 10: Internal view

Photos:

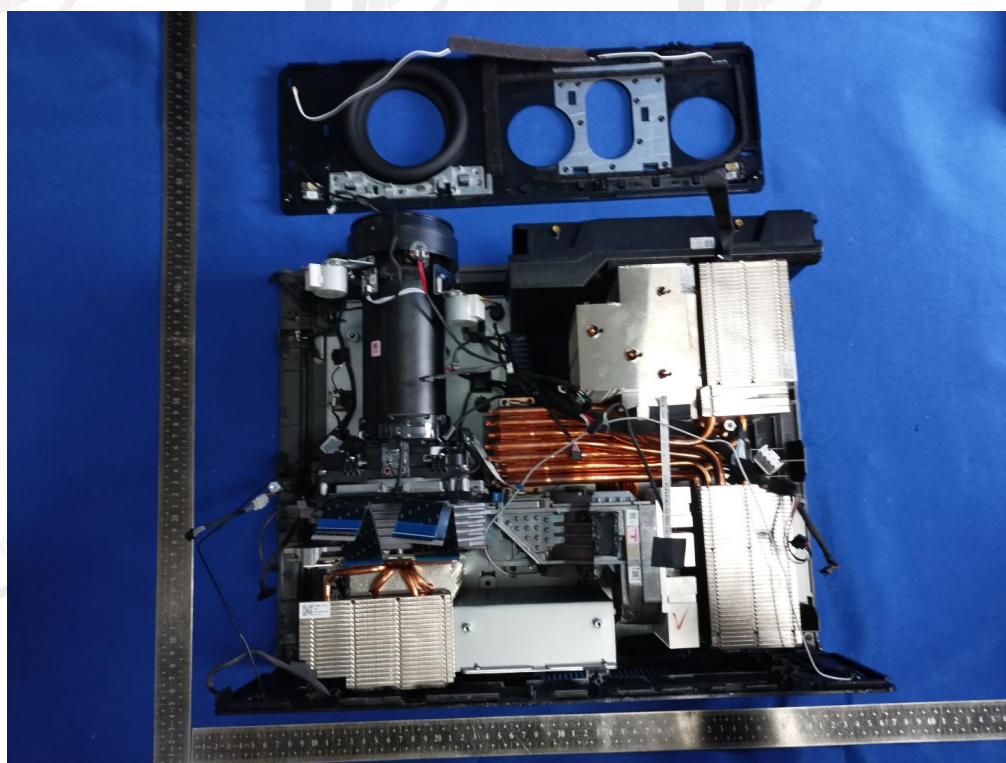


Fig. 11: Internal view

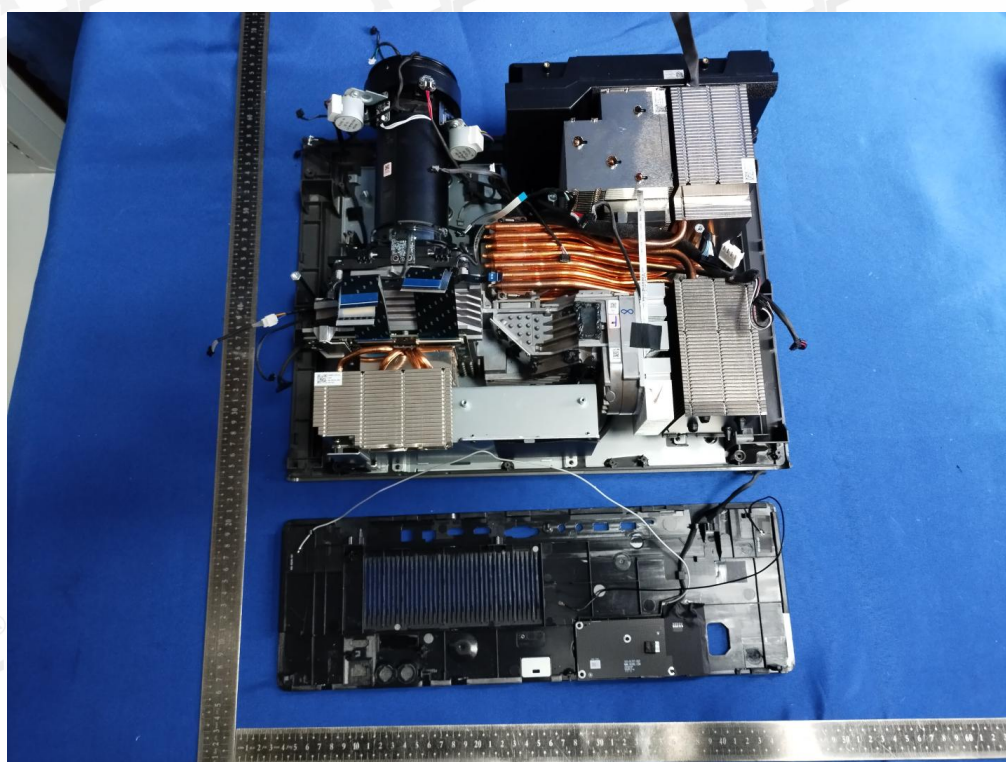


Fig. 12: Internal view

Photos:

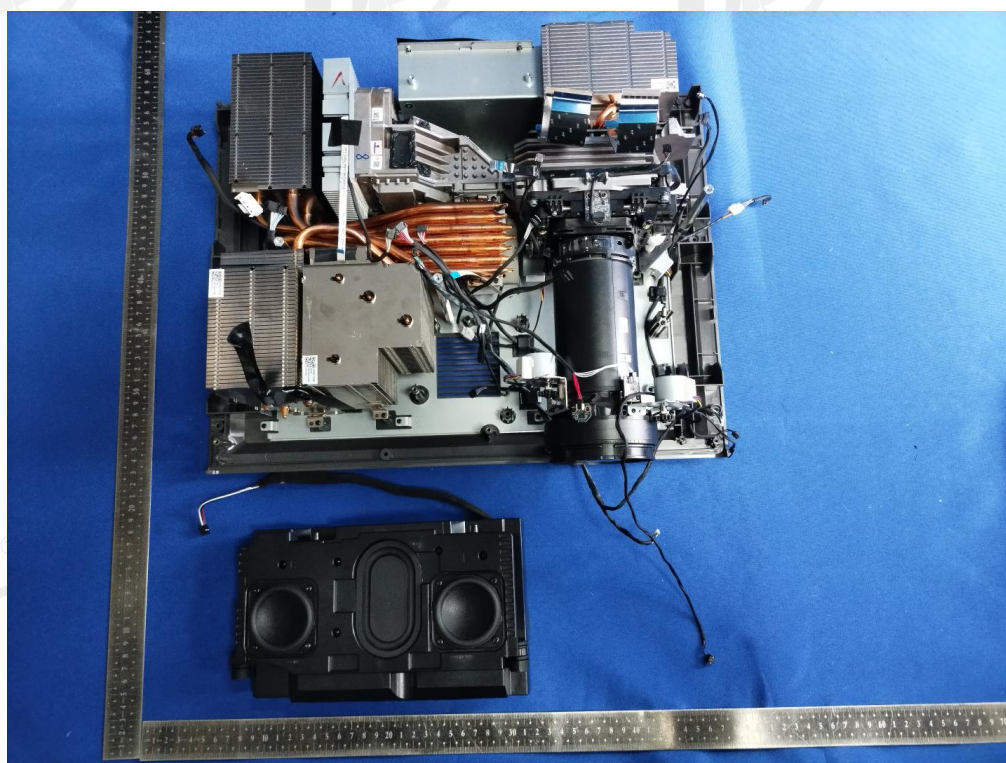


Fig. 13: Internal view

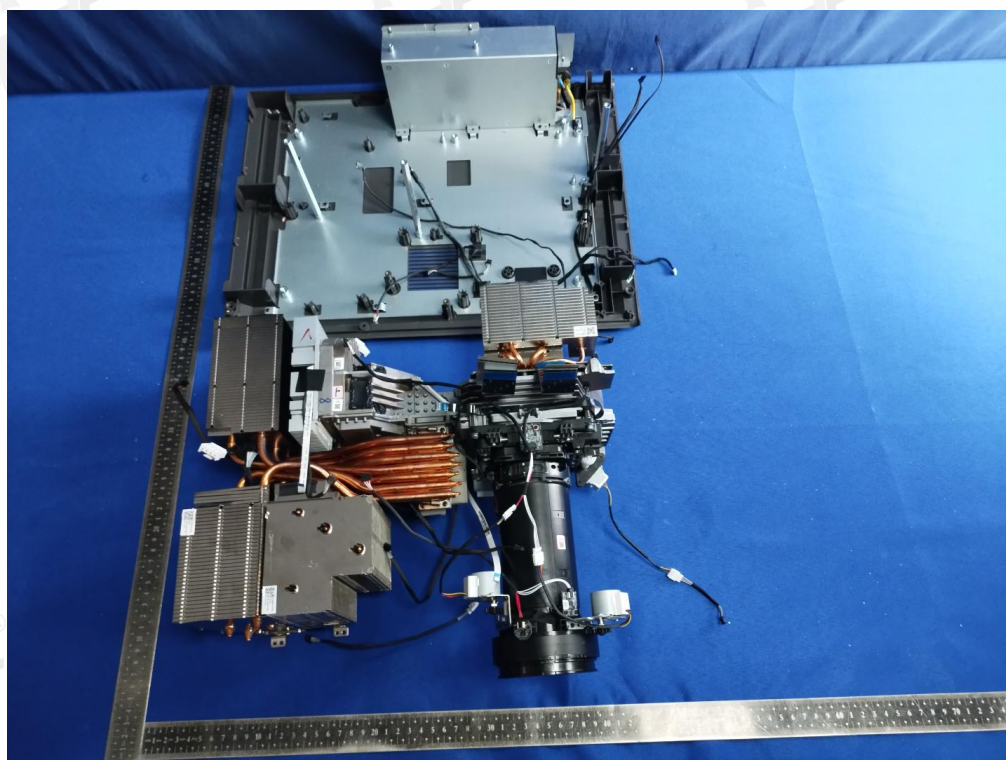


Fig. 14: Internal view

Photos:

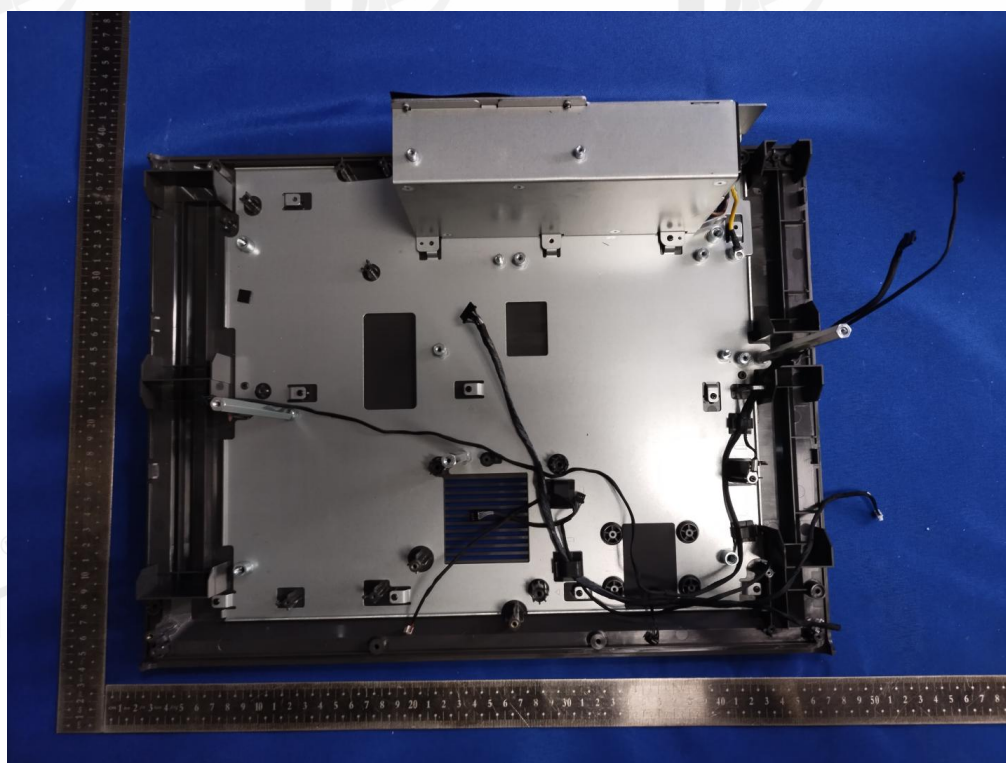


Fig. 15: Internal view

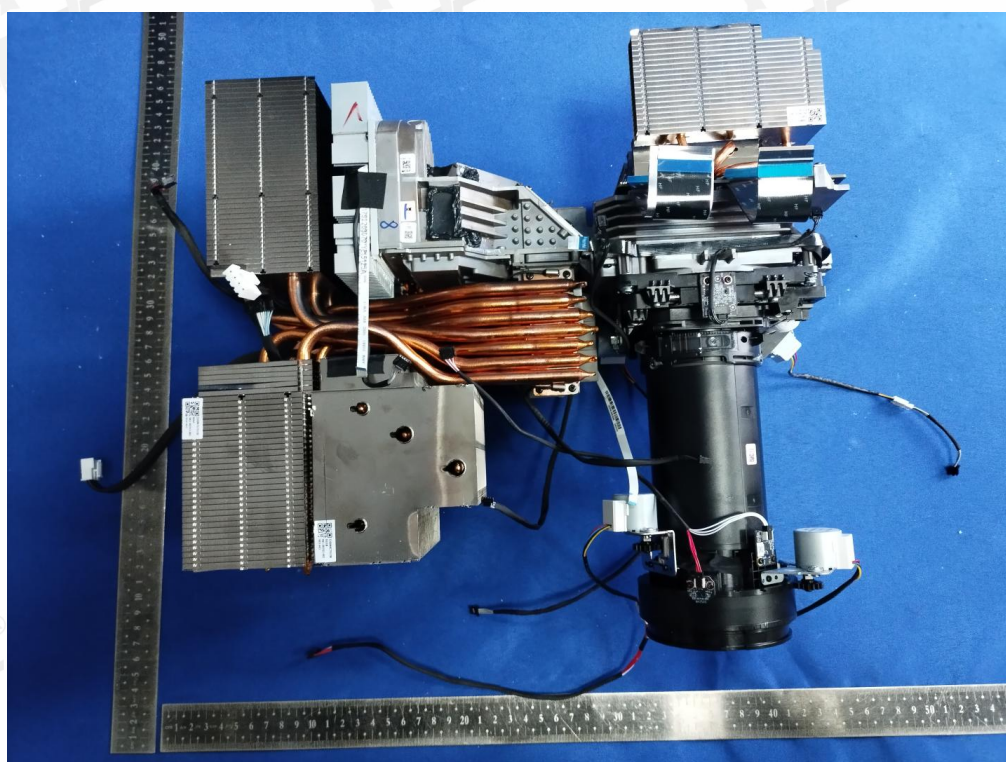


Fig. 16: Internal view

Photos:

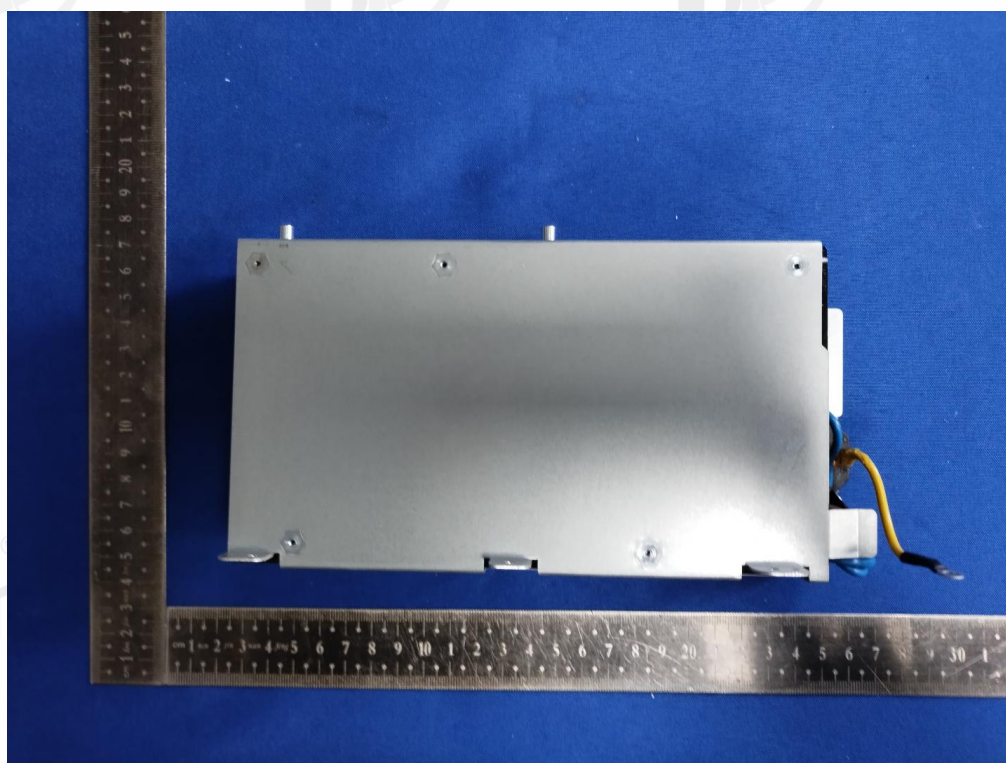


Fig. 17: Internal view

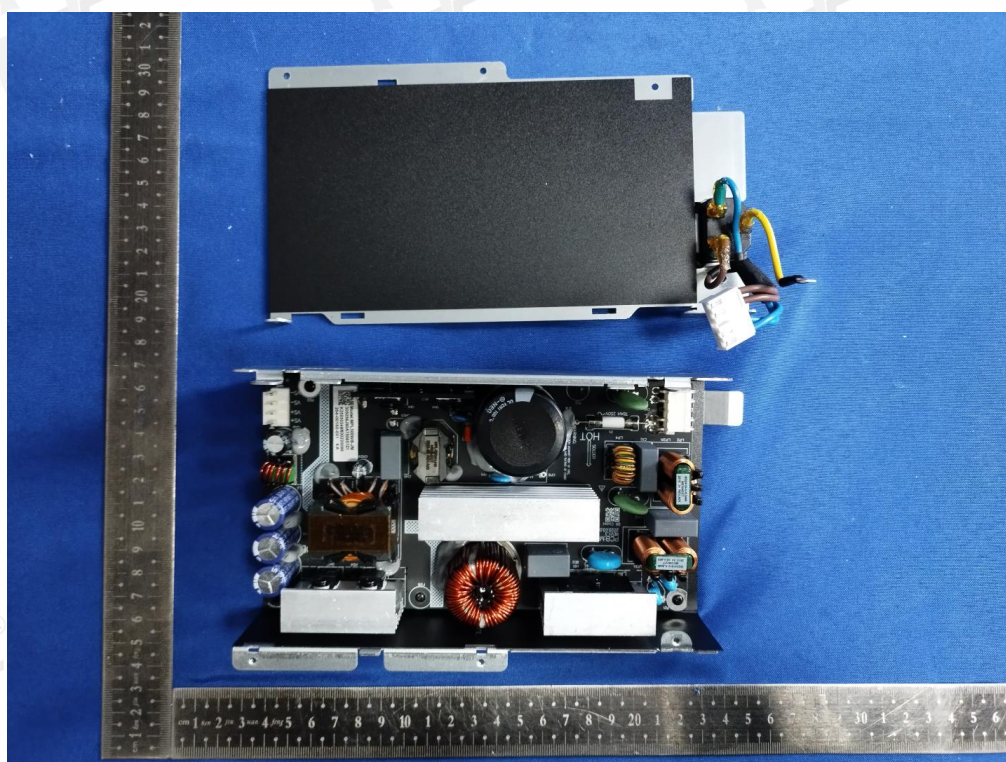


Fig. 18: Internal view

Photos:

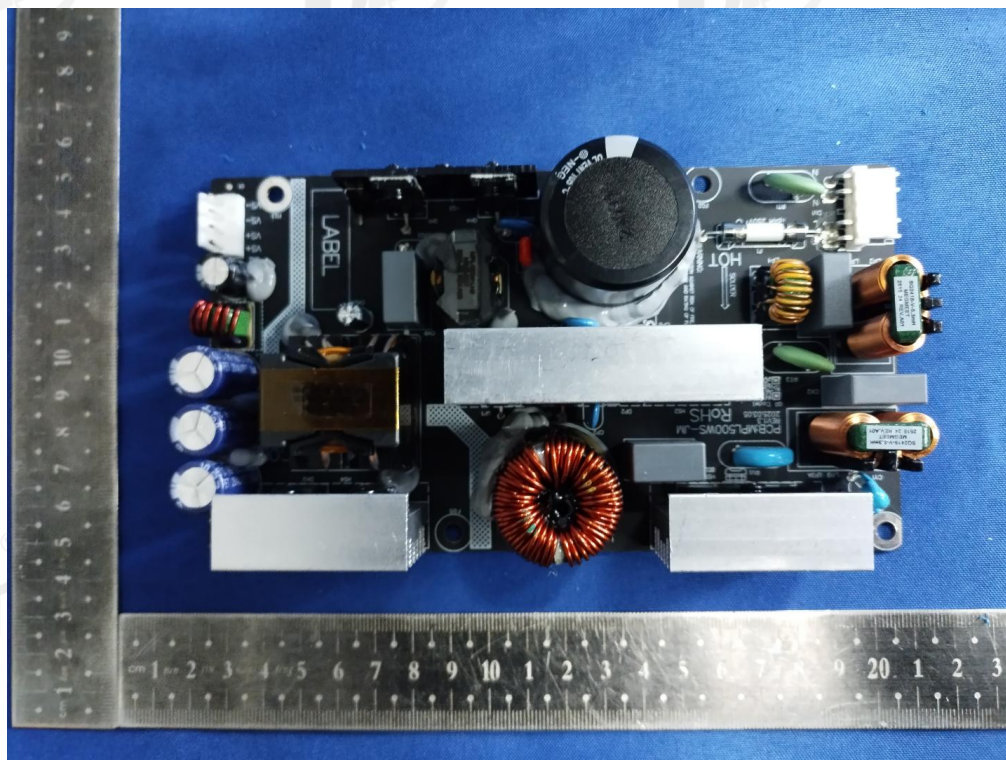


Fig. 19: Power board view

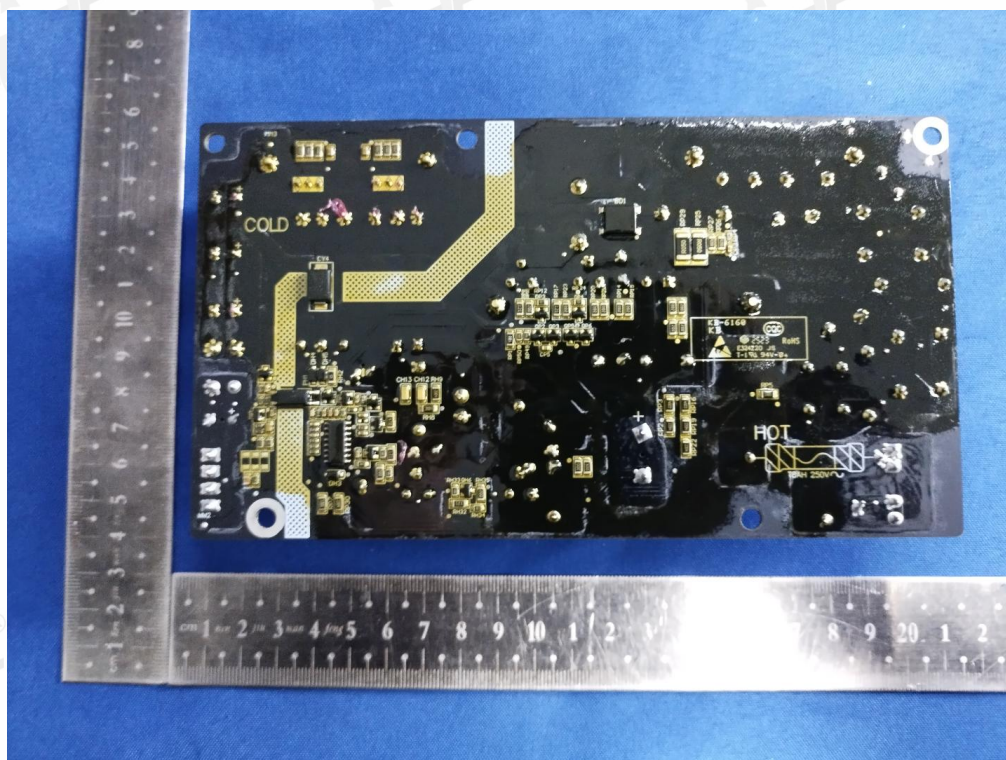


Fig. 20: Power board view

Photos:

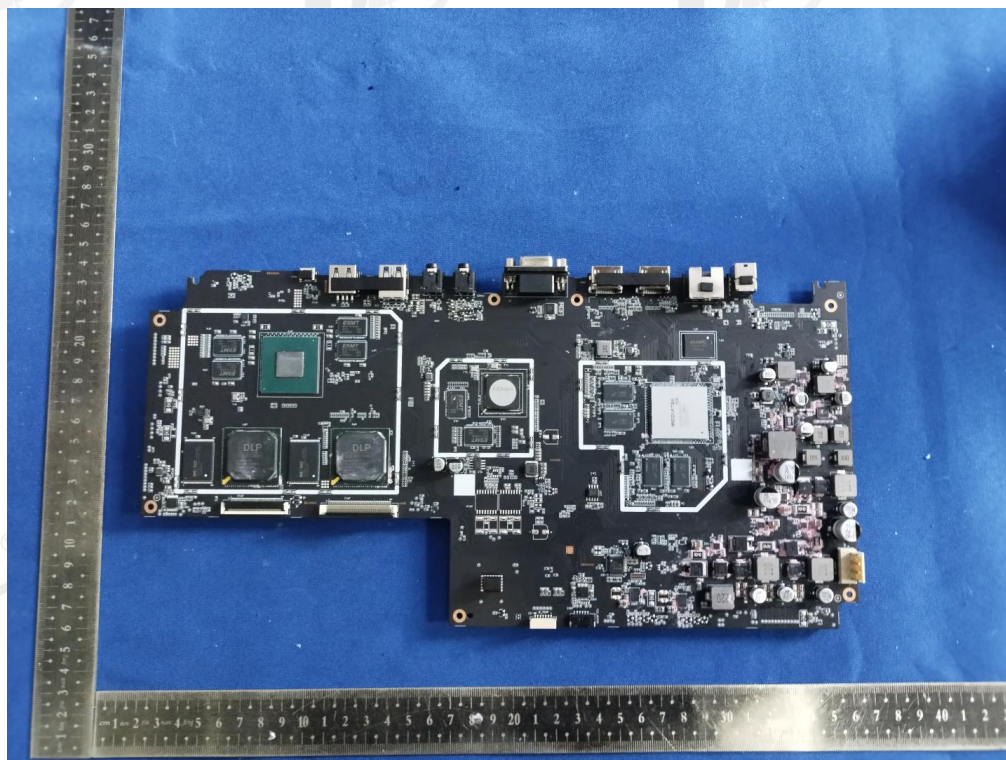


Fig. 21: Main board view

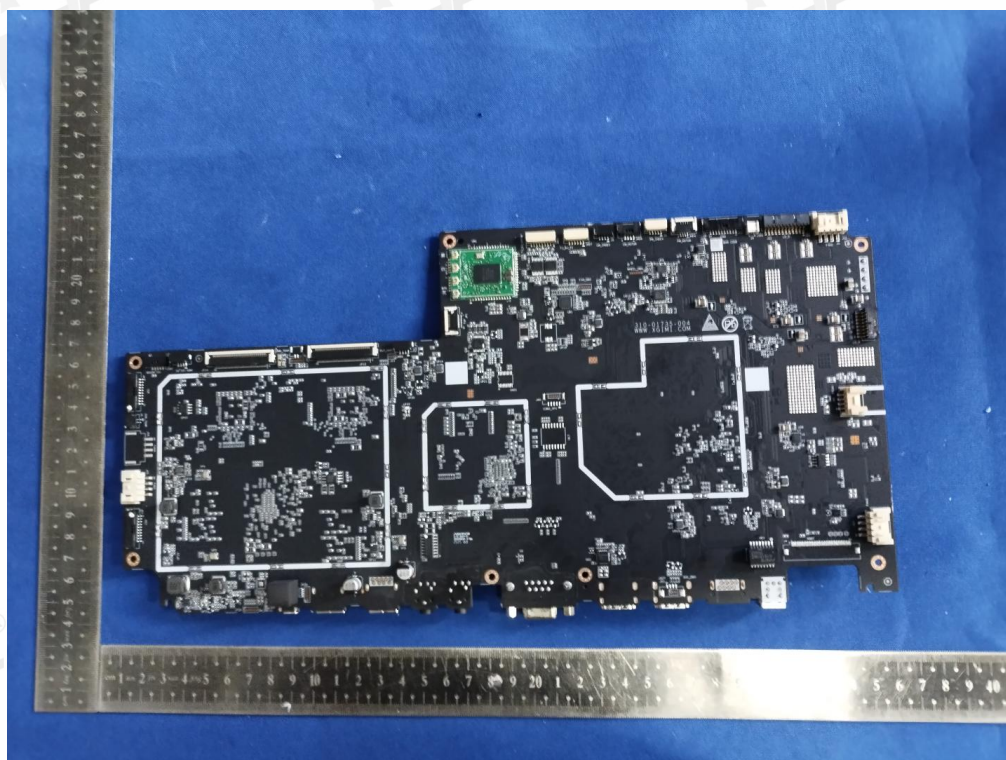


Fig. 22: Main board view

===== End of Test Report =====