TEST REPORT

Applicant	:	Shenzhen Atten Technology Co., Ltd.-Power Supply Branch
Address	:	Zone B, 5 foor, Building A, Lilan Technology Park, Phoenix street, Guangming New District, Shenzhen, China

Report on the submitted sample said to be:

Sample name	:	Linear power supply
Trade Name	:	安泰信/ATTEN
Model	:	TPR32-5A, TPR75-2A
Manufacturer	:	Shenzhen Atten Technology Co., Ltd.-Power Supply Branch
Address	:	Zone B, 5 foor, Building A, Lilan Technology Park, Phoenix street, Guangming New District, Shenzhen, China
Test conclusion	:	Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs). Polybrominated diphenyl ethers (PBDEs), Bis (2-ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Di Iso Butyl Ortho Phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.
Testing period	:	Mar. 23, 2019 to Apr. 01, 2019
Date of report	:	Apr. 01, 2019

Testing Requested:	Results
Selected test(s) as requested by client	Pass

Prepared by: Calvin Chen — Calvin Chen

Examine By : Tony Mo — Tony Mo

Approved(Manager): Machael Mo — Machael Mo

SHENZHEN POCE TECHNOLOGY CO.,LTD APPROVED

Testing method:

1. With reference to IEC 62321-1:2013, review was performed for the samples disjointed from the submitted articles submitted by the Applicant
2. Tests were performed for the samples indicated by the photos in the report with test methods reference to EN 62321-1:2013, Procedures for the determination of Levels of Six regulated Substances in Electrotechnical Products

(1) With reference to IEC 62321-3-1:2013, Screening by XRF spectorscop

(2) Wet Chemical Test Method

a. With reference to IEC 62321-5:2013, Determination of Lead &Cadmium by ICP-OES or AAS
b. With reference to IEC 62321-4:2013, Determination of Mercury by ICP-OES
c. With reference to IEC 62321-7-1:2015, Determination of Hexavalent Chromium by Spot or Colorimetic Methodcd
d. With reference to IEC 62321-6:2015, Derermination of PBBs and PBDEs by GC-MS
e. With reference to IEC 62321-8:2017, determination of DEHP, DIBP, DBP and BBP by GC-MS.

Note: The test results are related only to the tested items. The report shall note be reproduced excpt in full without the written approval of the testing laboratory.

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
1	Black plastic (plug)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
2	Silver metal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
3	White plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
4	Black plastic wire skin	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
5	Brown plastic wire skin	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
6	Blue plastic wire skin	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
7	Yellow green plastic wire skin	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
8	Wire core	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
9	Black plastic handle	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
10	Silver metal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
11	Screw	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
12	Metal shell	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
13	Black plastic footpad	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
14	White Plastic Shell	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
15	White plastic button	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
16	Gray plastic button	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
17	Black plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
18	Silver metal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
19	Black casing	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
20	Black plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
21	Fuse	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
22	Silver Metal (Transformer)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
23	Ferrous metal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
24	Screw	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
25	Black plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
26	Yellow plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
27	White plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
28	Wire core	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
29	Magnetic core	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
30	Silver metal (fan frame)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
31	Black plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
32	Black plastic	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
33	Metal shaft	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	IN	Negative	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
34	Wire core	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL-	-	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		DIBP	-	-	-	
		DBP	-	-	-	
		BBP	-	-	-	
35	PCB (ATX.820.0002A)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	IN	PBBs=ND PBDEs=ND	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
36	Relay (K1)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
37	Electrolytic Capacitor (C36)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
38	Electrolytic Capacitor (C30)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
39	Electrolytic Capacitor (C31)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
40	Electrolytic Capacitor (C54)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
41	Capacitor (C34)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
42	SMD capacitor	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
43	SMD resistor	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
44	Resistor (R74)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
45	Resistor (78)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
46	Diode	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
47	Triode	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
48	Triode (IC3)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
49	Silver metal radiator	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
50	IC	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
51	Tin solder	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
52	Plastic terminal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
53	Internal wiring	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
54	PCB	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	IN	PBBs=ND PBDEs=ND	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
55	Capacitor	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
56	Wire terminal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
57	IC	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
58	VGA terminal	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
59	Internal wire	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
60	PCB (ATX.820.0001A)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	IN	PBBs=ND PBDEs=ND	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
61	IC	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
62	Voltage Regulating Resistance (VR2)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
63	Buzzer	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
64	Triode	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
65	Electrolytic Capacitor (C8)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
66	Electrolytic Capacitor (C2)	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
67	SMD capacitor	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
68	SMD resistor	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
69	Diode	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
70	Triode	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	
71	Tin solder	Pb	BL	-	Comply	Apr. 01, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(Ⅵ)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		BBP	IN	ND	Comply	

Remark:

(1) (a) It is the result on total Br while test item on restricted is PBBs/PBDEs. It is the result on total Cr6+ while test item on restricted substances is Cr^{6+}.

(b) Results are obtained by EDXRF for primary screening ,and further chemical testing by ICP(for Cd, Pb, Hg), UV-VIS(for Cr^{6+}) and GC\MS (for PBBs, PBDEs) is recommended to be performed , if the concentration exceeds the below warning value according to IEC 62321(unit: mg\kg)

Element	Polymer	Metal	Composite Materals
Cd	BL≤（70-3σ）<X<(130+3σ) ≤OL	BL≤（70-3σ）<X<(130+3σ) ≤OL	LOD<X<(150+3σ) ≤OL
Pb	BL≤（700-3σ）<X<(1300+3σ) ≤OL	BL≤（700-3σ）<X<(1300+3σ) ≤OL	BL≤（500-3σ）<X<(1500+3σ) ≤OL
Hg	BL≤（700-3σ）<X<(1300+3σ) ≤OL	BL≤（700-3σ）<X<(1300+3σ) ≤OL	BL≤（500-3σ）<X<(1500+3σ) ≤OL
Br	BL≤（300-3σ）<X	--	BL≤（250-3σ）<X
Cr	BL≤（700-3σ）<X	BL≤（700-3σ）<X	BL≤（500-3σ）<X

(c)BL=Below Limit, OL=Over Limit, IN=Inconclusive, LOD=Limit of Detection,-=Not Regulated,

Negative = A negative test result indicated above p ositive observation was not found at the time of te sting. When the spot-test showed a negative result, the boiling-wat er-extraction procedure shall be used to verify the result.

(d)The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample be of non-uniformity composition,

(2) (a) mg\kg=ppm=0.0001%, ND=Not Detected{<MDL)),

(b)Unit and Method Detection Limit(MDL)in wet chemical test

Test Items		Units	MDL	EU RoHS Limit
Pb		mg/kg	2	1000
Cd		mg/kg	2	100
Hg		mg/kg	2	1000
Cr(VI)		mg/kg	0.02 mg/50 cm^2(Metal)	1000
			2(Nonmetal)	
Br	PBBs	mg\kg	5	1000
	PBDEs	mg\kg	5	1000
DEHP		mg/kg	5	1000
BBP		mg/kg	5	1000
DBP		mg/kg	5	1000
DIBP		mg/kg	5	1000

(c) According to EN 62321, result on Cr for metal sample is shown as Positive\Negative, Negative=Absence of Cr 6+ costing, Positive=Prosence of Cr 6+ coating.

(d) ▲As declared by the client the materials fall into exemption items according to RoHS Directive 2011\65\EU recasting 2002\95\EC

Photograph of sample

POCE authenticate the photo on original report only

Photo 1

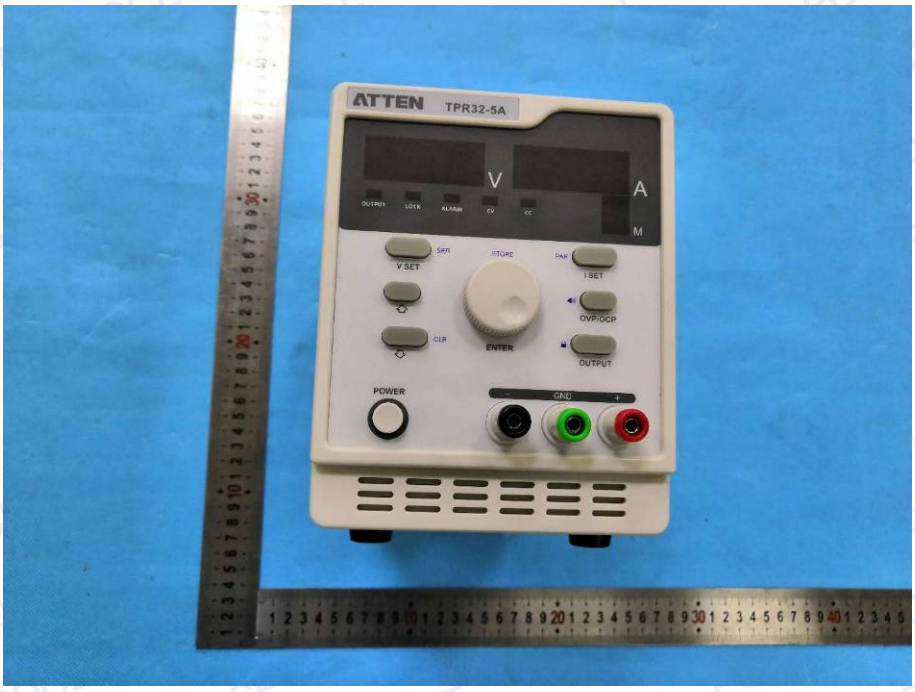

Photo 2

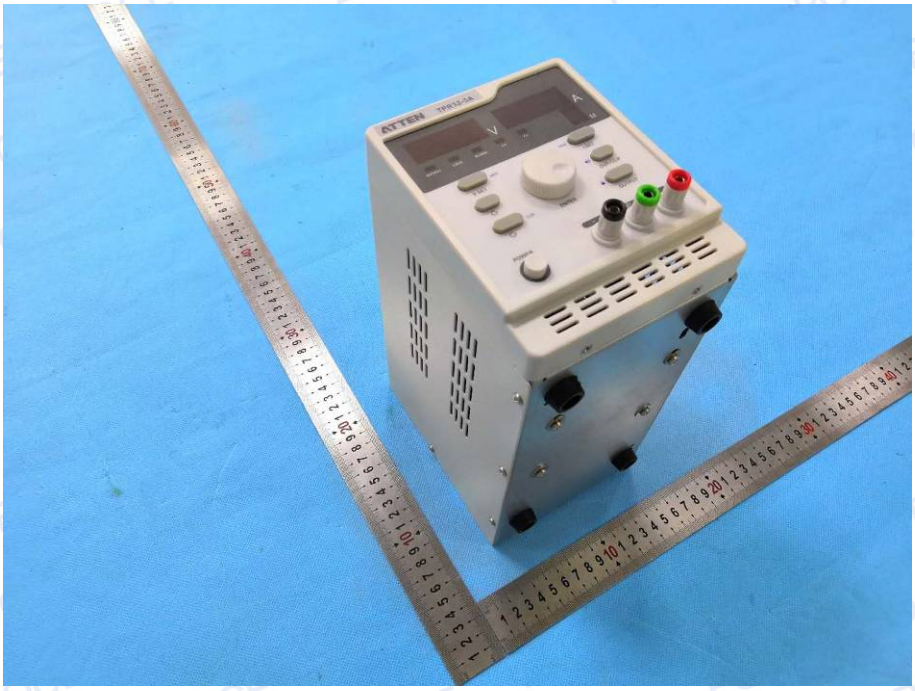

Photo 3

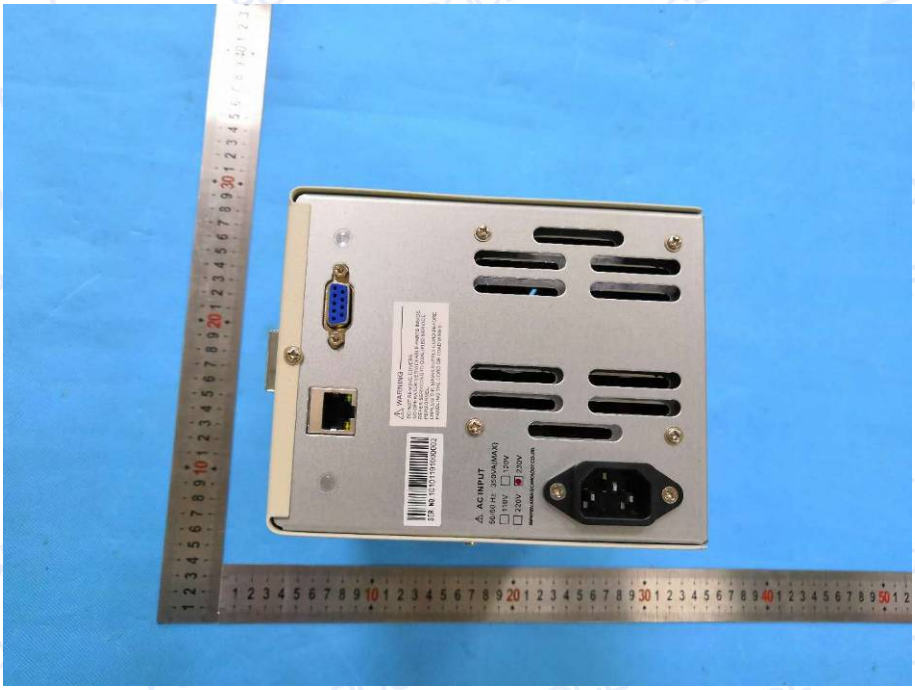

Photo 4

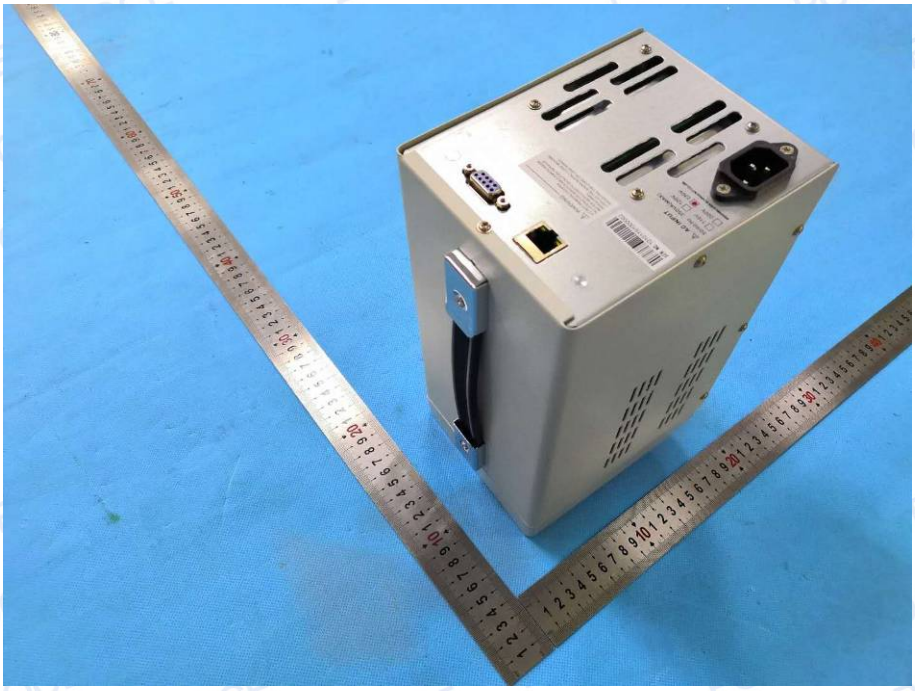

Photo 5

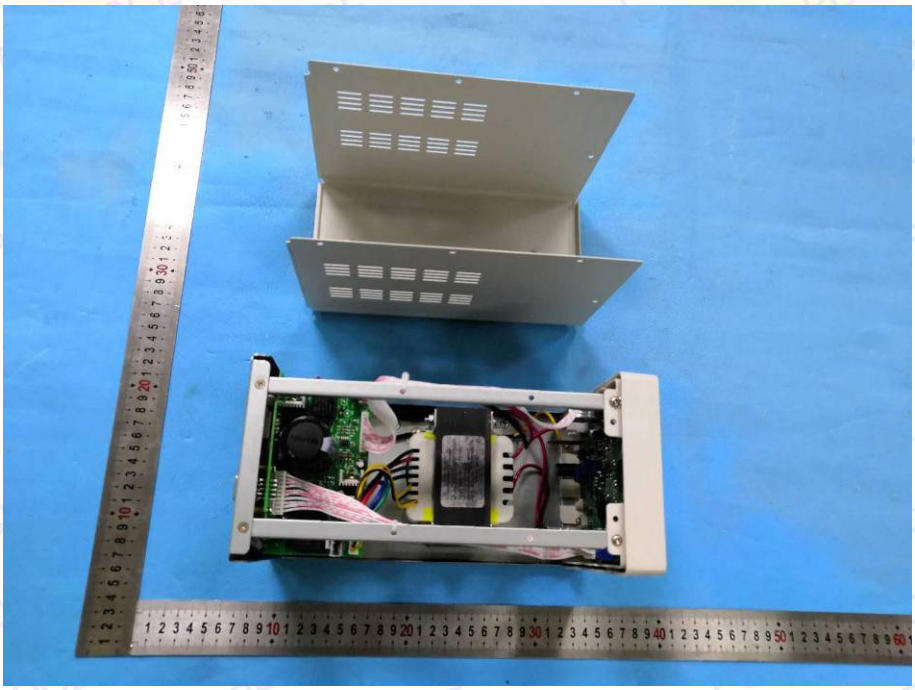

Photo 6

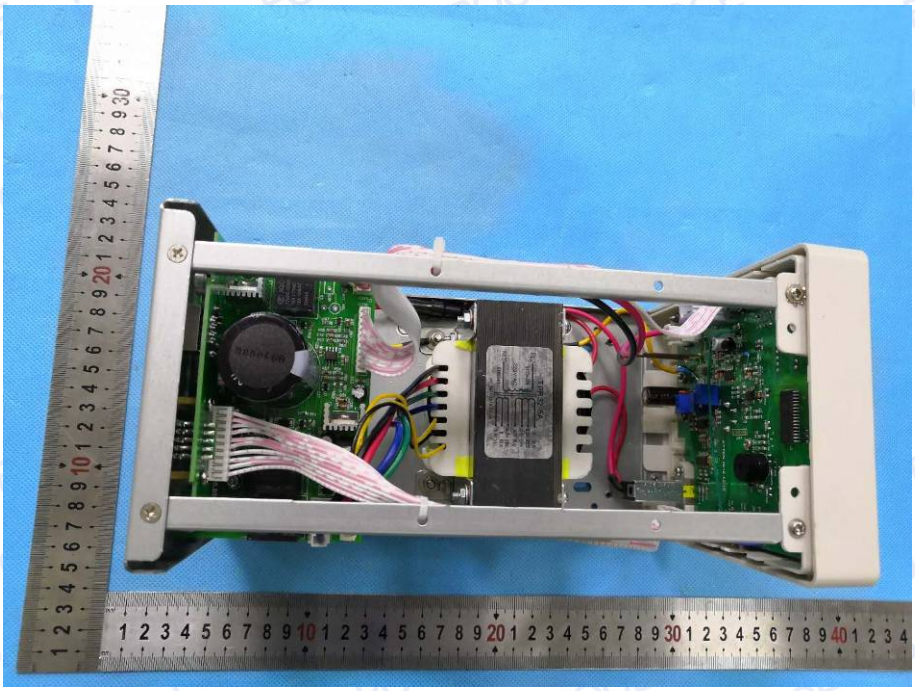

Photo 7

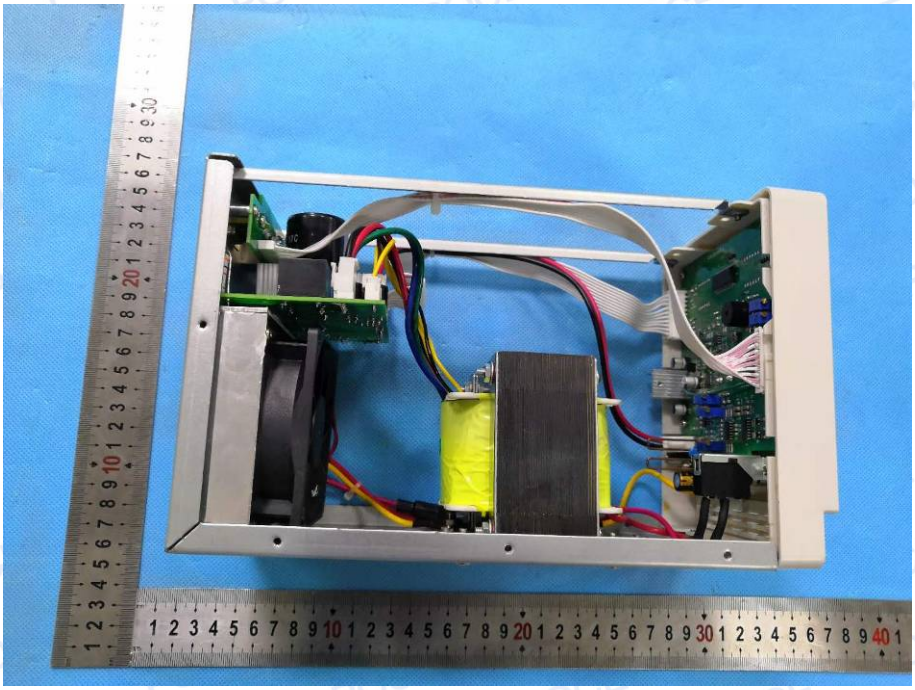

Photo 8

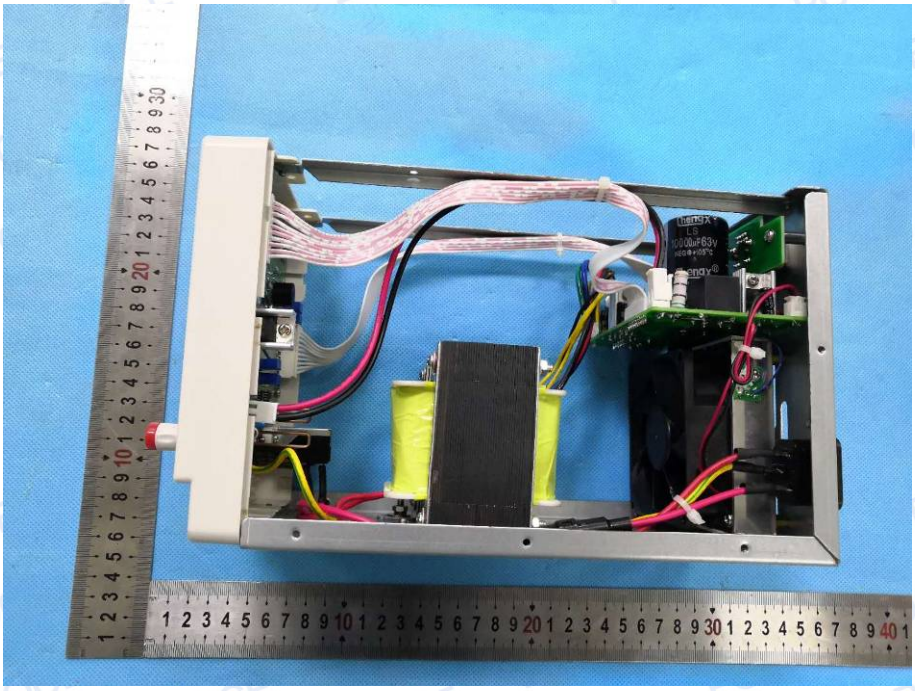

Photo 9

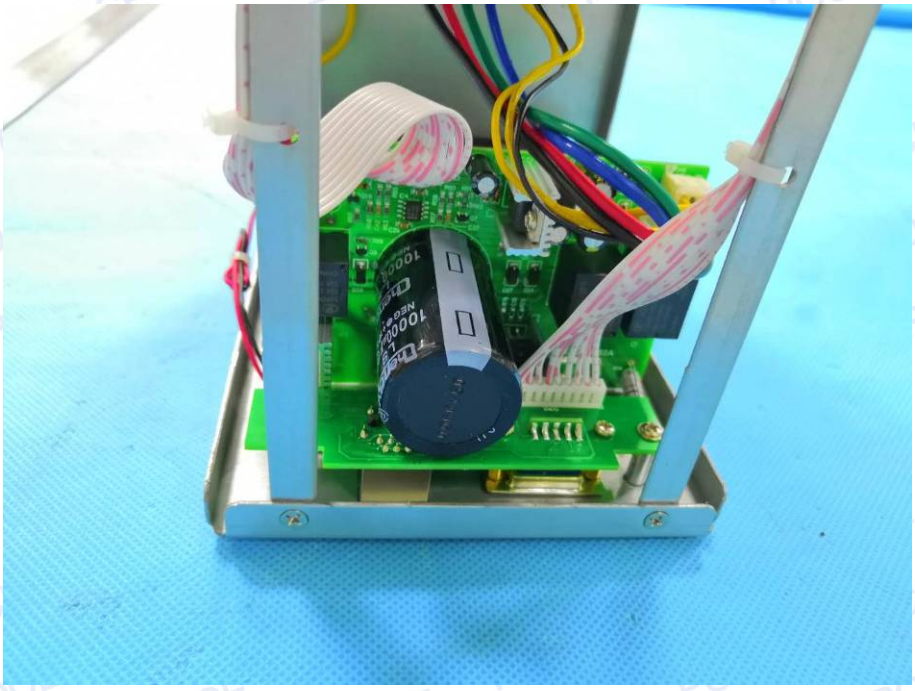

Photo 10

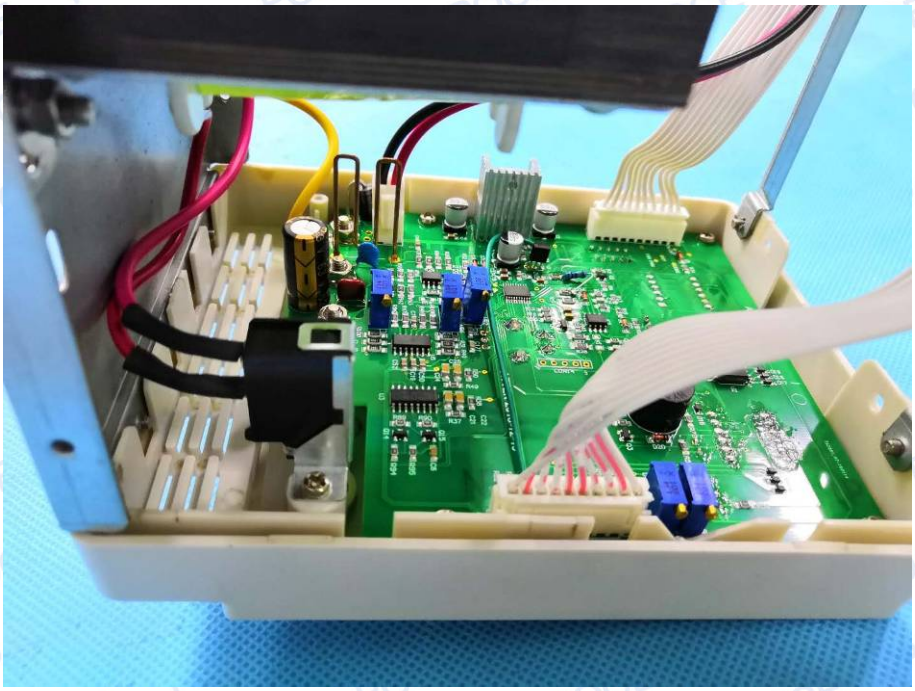

Photo 11

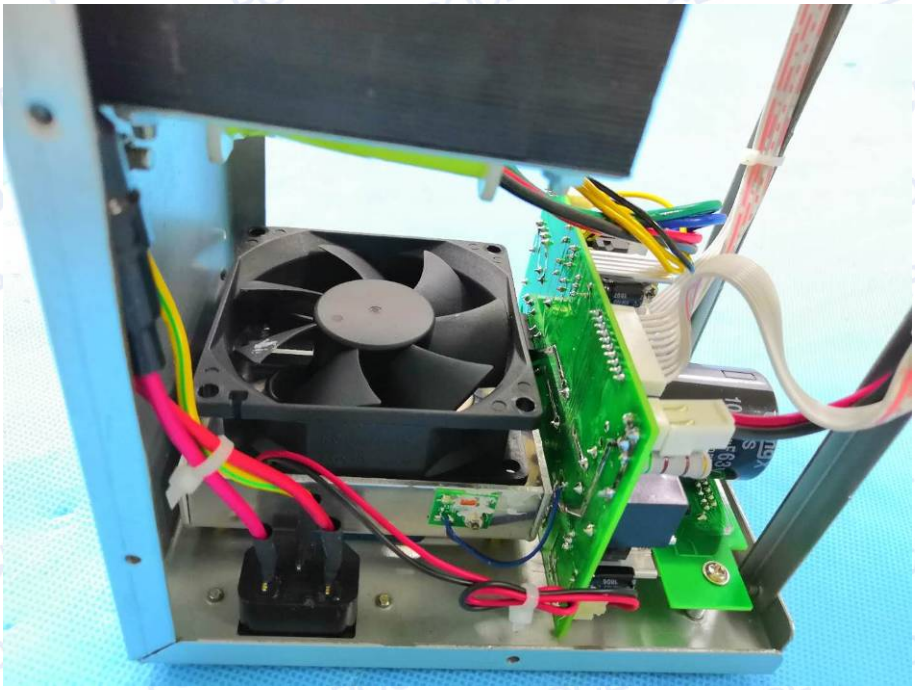

Photo 12

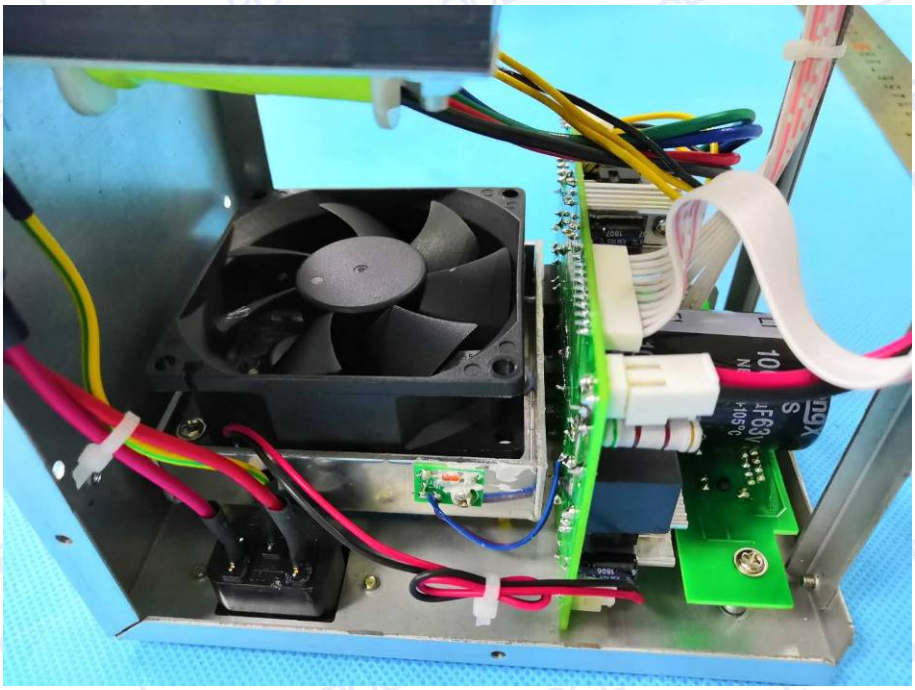

Photo 13

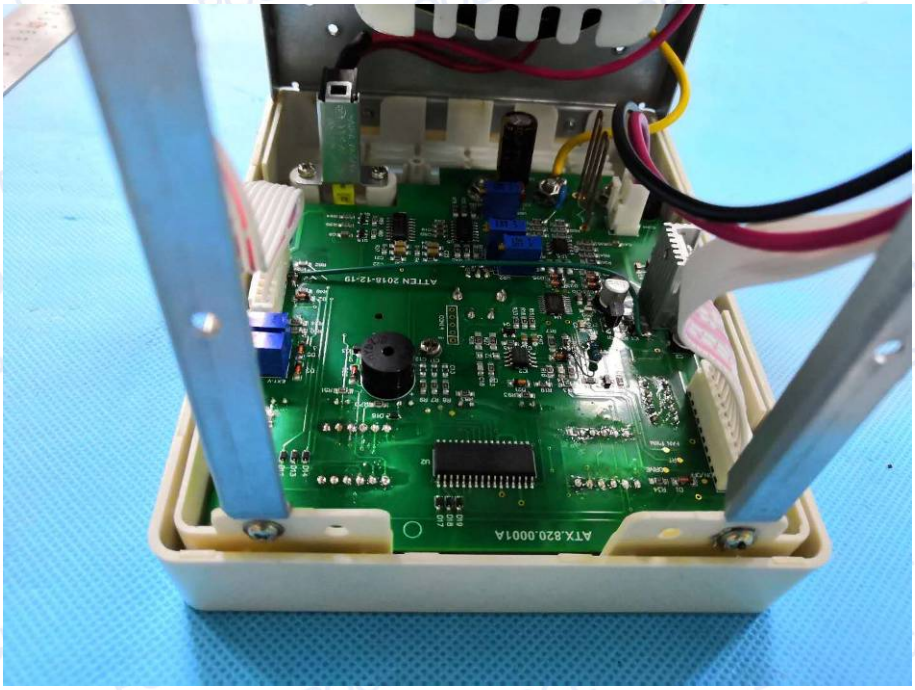

Photo 14

※※※※※END OF REPORT※※※※※