

TEST REPORT

Client Name	SHENZHEN IP-COM NETWORKS CO.,LTD.
Name of product	11AC 1200Mbps Wireless In-Wall Access Point
Manufacturer	SHENZHEN IP-COM NETWORKS CO.,LTD.
Model	AP265
Test sort	Commission Test



CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

Address: Electronic Testing Building, No. 43 Shahe Road, Xili Jiedao, Nanshan District, Shenzhen, Guangdong, China

P.C.: 518055

TEL: 86-755-26627338

Internet: [http:// www.ccic-set.com](http://www.ccic-set.com)

FAX: 86-755-26627238

E-Mail: manager@ccic-set.com



Customer information	Client	SHENZHEN IP-COM NETWORKS CO.,LTD.
	Address	Room 101, Unit A, First Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Sample information	Name of sample	11AC 1200Mbps Wireless In-Wall Access Point
	Model	AP265
	Trade mark	IP-COM
	Manufacturer	SHENZHEN IP-COM NETWORKS CO.,LTD.
	Address	Room 101, Unit A, First Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Test information	Sample received	Dec. 12, 2017
	Testing date	Dec. 12, 2017~ Dec. 19, 2017
	Test sort	Commission Test
	Requested/item	RoHS directive 2011/65/EU
	Standard/Foundation	(1)With reference to IEC 62321-3-1:2013, scanning by XRF Spectroscopy (2)Chemical test method: With reference to IEC 62321-5:2013, determination of Lead, Cadmium, by ICP With reference to IEC 62321-4:2013, determination of Mercury by ICP With reference to IEC 62321:2008 & IEC 62321-7-1:2017, determination of Hexavalent Chromium by Colorimetric method With reference to IEC 62321-6:2015, determination of PBBs, PBDEs by GC-MS.
	Conclusion	The tested sample complied with RoHS directive (2011/65/EU).
Remark	All test result quote from report No.SET2017-17517.	

Tested By:

Checked By:

Approved By:

Date:

Jan. 24, 2018

Date:

Jan. 24, 2018

Date:

Jan. 24, 2018



Test result:

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
1	White plastic shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
2	Grey coating	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
3	White plastic shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
4	Green label	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
5	White plastic shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
6	Pink glue	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
7	White label paper	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
8	Silvery metal screw	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
9	Black metal screw	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
10	PCB substrate	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
11	Green coating	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
12	Copper foil	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
13	Green label	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
14	Black plastic socket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
15	Silvery metal contact pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
16	Black IC body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
17	Silvery metal socket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
18	Black IC body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
19	Grey capacitor body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
20	Black resistor body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
21	Silvery crystal oscillator body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
22	Black IC body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
23	Grey magnet core body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
24	Grey plastic key	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
25	Silvery metal shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
26	Grey plastic skeleton	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
27	Silvery metal shrapnel	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
28	Silvery metal pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
29	Black sponge mat	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
30	White LED body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
31	PCB board	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
32	Black plastic socket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
33	Silvery metal contact pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
34	Yellow capacitor body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
35	Soldering tin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
36	Grey plastic socket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
37	Silvery metal pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
38	Grey capacitor body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
39	Black bipolar transistor body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
40	Black diode body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
41	Green plastic outer jacket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
42	Silvery metal shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
43	Black rubber plug	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
44	Yellow paper	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
45	Grey metal foil	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
46	Silvery metal pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
47	Black plastic shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
48	Grey magnet core	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
49	Color metal wire core	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
50	Silvery metal pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
51	Grey magnet core body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
52	Coppery metal wire core	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
53	Black IC body	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
54	Brown plastic outer jacket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
55	Soldering tin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
56	Black plastic shell	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
57	Grey magnet core	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
58	Color metal wire core	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
59	Silvery metal pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
60	Grey plastic socket	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
61	Silvery metal pin	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
62	Pink glue	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
63	Black coating	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	P	/	<1000	P
		PBDEs	P	/	<1000	P
64	Silvery metal sheet	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
65	Silvery metal rivet	Cd	P	/	<100	P
		Cr(VI)	P	/	<1000	P
		Hg	P	/	<1000	P
		Pb	P	/	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/

Remark:

- (1) It is the result on total Br while test PBBs and PBDEs by EDXRF. It is the result on total Cr while test Hexavalent Chromium by EDXRF.
- (2) Results are obtained by EDXRF for primary screening, and chemical testing by ICP (for Cd, Pb, Hg),UV-VIS (Cr(VI)) and GCMS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value (unit:mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$P \leq 70-3\sigma < D < 130+3\sigma \leq F$	$P \leq 70-3\sigma < D < 130+3\sigma \leq F$	$P \leq 50-3\sigma < D < 150+3\sigma \leq F$
Pb	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 500-3\sigma < D < 1500+3\sigma \leq F$
Hg	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 500-3\sigma < D < 1500+3\sigma \leq F$
Br	$P \leq 300-3\sigma < D$	----	$P \leq 250-3\sigma < D$
Cr	$P \leq 700-3\sigma < D$	$P \leq 700-3\sigma < D$	$P \leq 500-3\sigma < D$

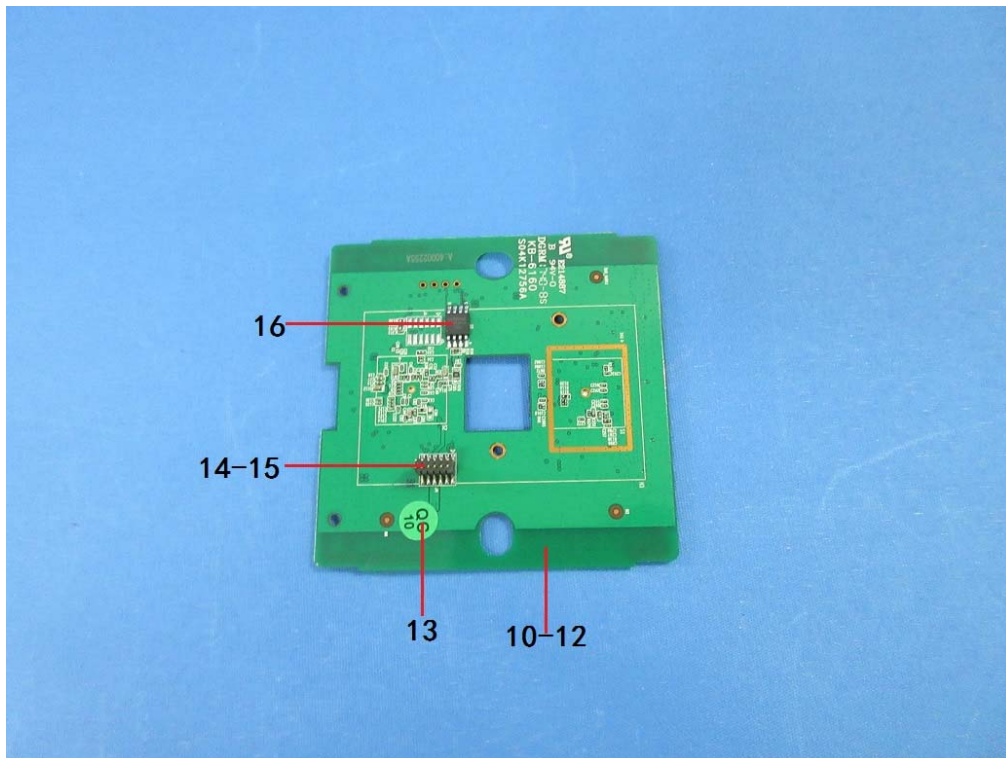
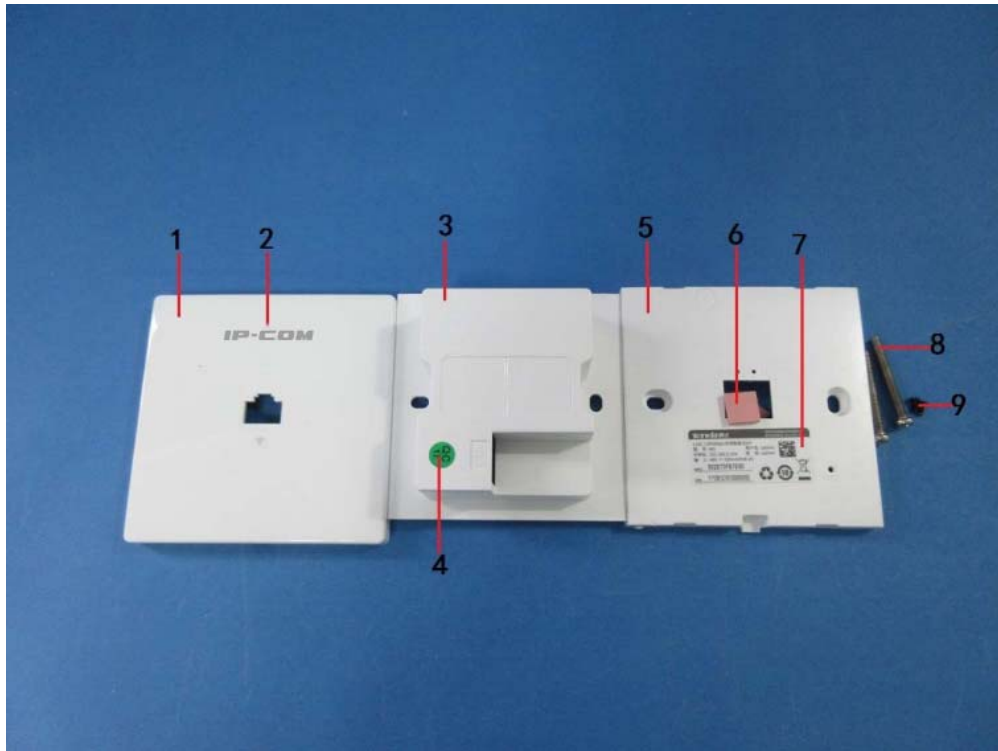
P = PASS; F = FAIL; D = DETECTED;

- (3) mg/kg = ppm; N.D. = NOT DETECTED (<MDL) Pb, Cd, Hg,Cr(VI): 2mg/kg; PBBs, PBDEs: 5mg/kg

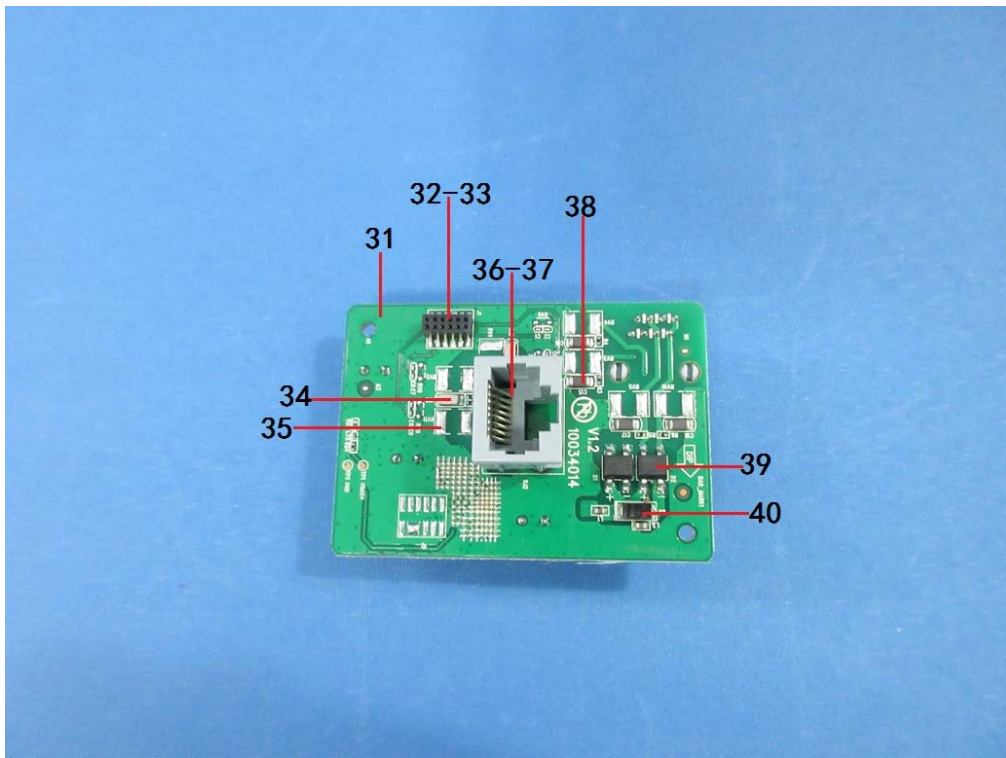
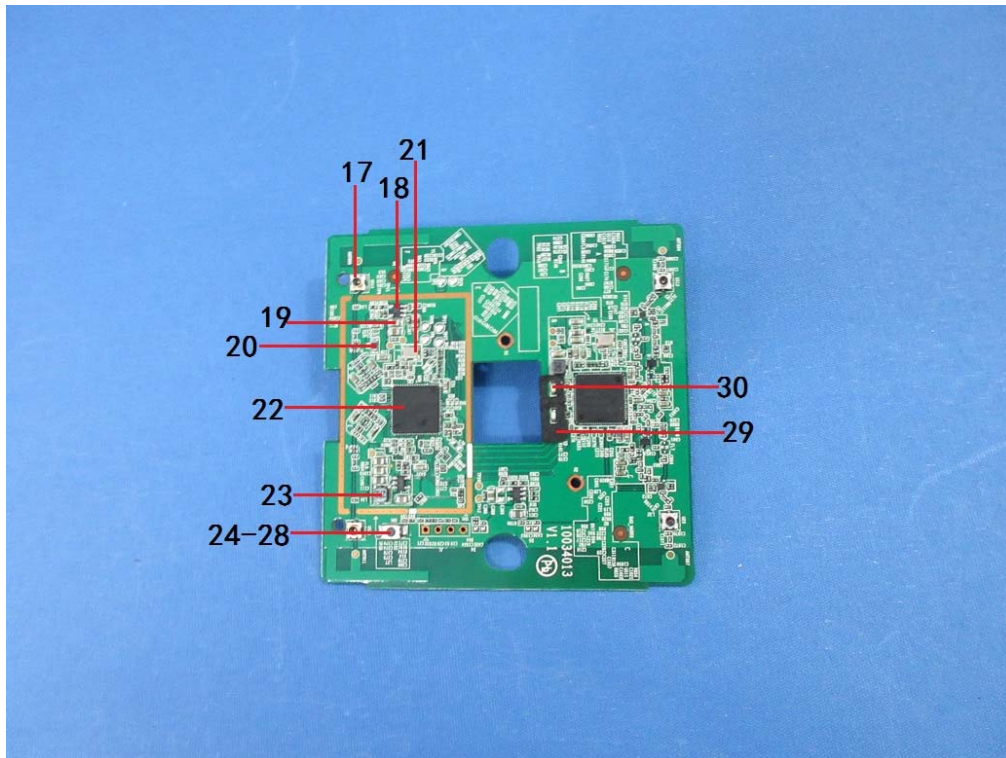
Sample photo



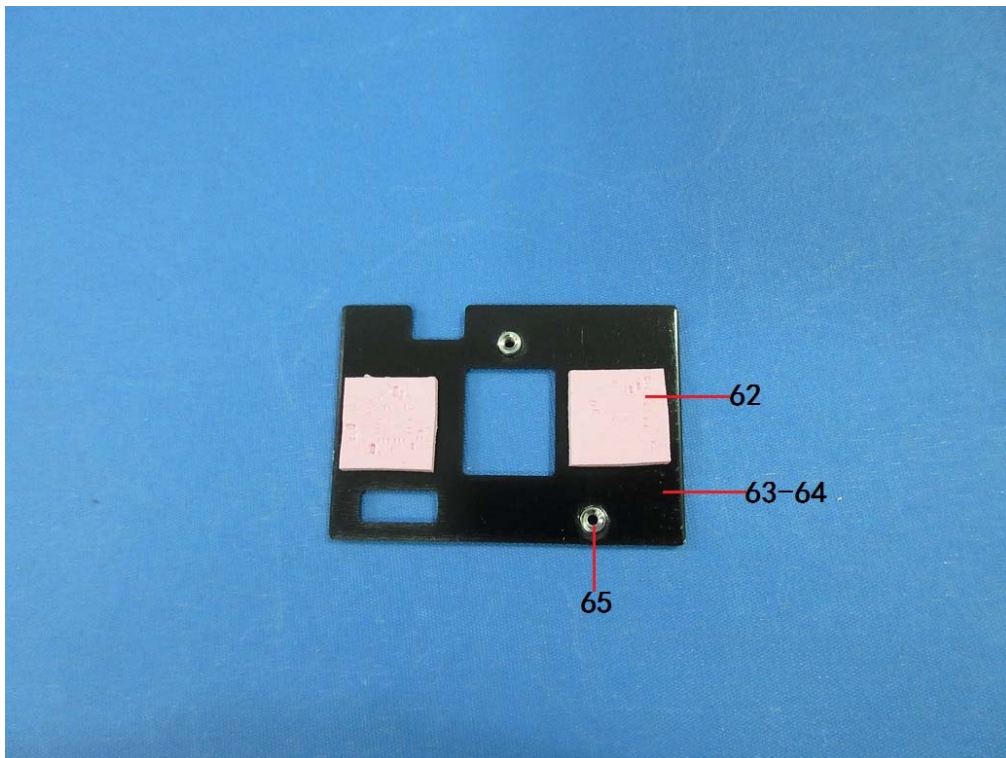
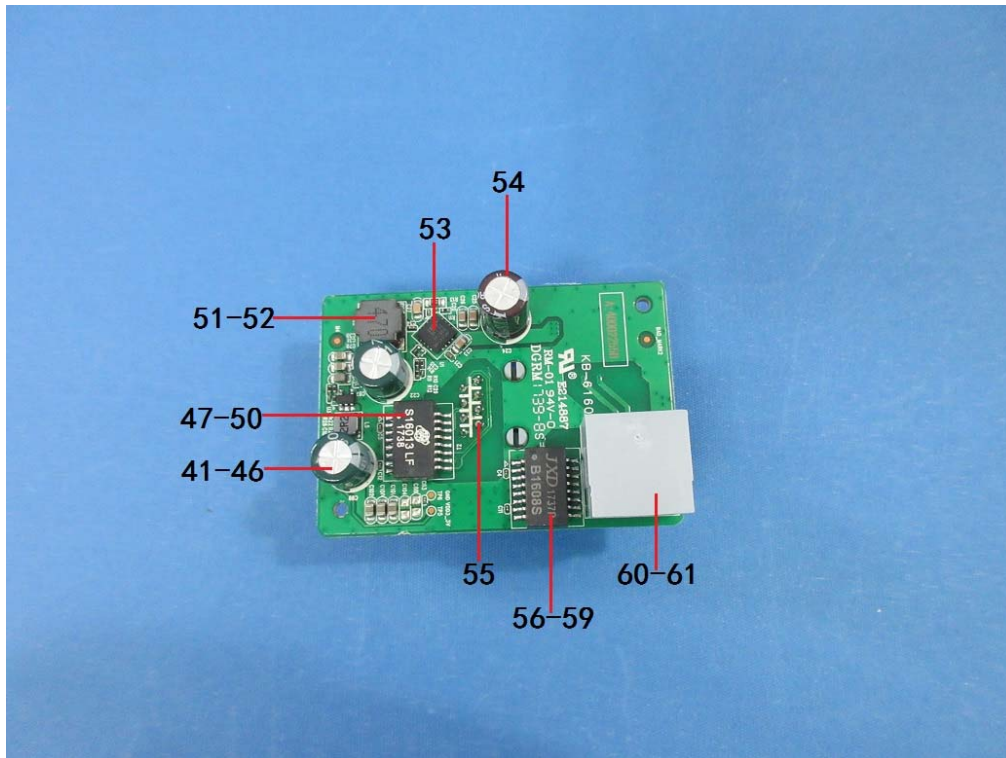
Detailed Split Chart



Detailed Split Chart



Detailed Split Chart





List of apparatus:

No.	Name	Model	Calibration Valid Date	USE(√)
1	ICP-OES	Optima 8300	2018/04/11	
2	GC-MS	5975i	2018/07/04	√
3	UV-Vis	Lambda 25	2018/06/29	
4	XRF	EDX1800B	2018/04/25	√

***** END OF REPORT *****

STATEMENT

1. The test report is invalid without stamp of laboratory.
2. The test report is invalid without signature of person(s) testing and authorizing.
3. The test report is invalid if erased and corrected.
4. Test results of the report is valid to the test samples if sampling by client.
5. “☆” item to be outside the scope of authorized by CNAS.
6. The test report shall not be reproduced except in full, without written approval of the laboratory.
7. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.