

Rep. No.SET2020-07789

VERIFICATION REPORT

Client Name	IRay Technology Co., Ltd
Name of product	Xtherm Uncooled thermal imaging camera
Manufacturer	IRay Technology Co., Ltd
Model	T2L
Test sort	Commission Test



CCIC Southern Testing Co.,Ltd.

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Customer information	Client	IRay Technology Co., Ltd
	Address	11GUIYANG STREET, YANTAI ECONOMY AND TECHNOLOGY DEVELOPMENT DISTRICT, YANTAI SHANDONG P.R.CHINA
Sample information	Name of sample	Xtherm Uncooled thermal imaging camera
	Model	T2L
	Trade Name	InfiRay
	Manufacturer	IRay Technology Co., Ltd
	Address	11GUIYANG STREET, YANTAI ECONOMY AND TECHNOLOGY DEVELOPMENT DISTRICT, YANTAI SHANDONG P.R.CHINA
	Factory	IRay Technology Co., Ltd
	Address	11GUIYANG STREET, YANTAI ECONOMY AND TECHNOLOGY DEVELOPMENT DISTRICT, YANTAI SHANDONG P.R.CHINA
Test information	Sample Received	Jul. 08, 2020
	Testing Period	Jul. 08, 2020~ Jul. 22, 2020
	Test sort	Commission Test
	Item Requested	(1) As specified by client, to screen test Cd, Pb, Hg, Cr(VI), PBBs, PBDEs and phthalates(DIBP, DEHP, BBP, DBP) content in the submitted sample. (2) As specified by client, further chemical testing for Cd, Pb, Hg, Cr(VI), PBBs, PBDEs and phthalates(DIBP, DEHP, BBP, DBP) are recommended to be performed if the screen results exceeds the limit of IEC 62321-1:2013 or the phthalates screen limit.
	Standard/ Foundation	(1)With reference to IEC 62321-3-1:2013, Screening – Lead, mercury, cadmium, total chromium and total bromine by XRF Spectroscopy With reference to IEC 62321-8:2017, Screening – phthalates by GC-MS (2) Chemical test method: With reference to IEC 62321-5:2013, determination of Lead, Cadmium, by ICP With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP With reference to IEC 62321-7-2:2017 & IEC 62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric method With reference to IEC 62321-6:2015, determination of PBBs, PBDEs by GC-MS. With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.
	Conclusion	The tested sample complied with RoHS directive (2011/65/EU) and amending directive (EU)2015/863.
Remark	-----	

Tested By:

Checked By:

Approved By:

Date:

Oct. 12, 2020

Date:

Oct. 12, 2020

Date:

Oct. 12, 2020



Test Results:

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
1	Silvery gray electroplate metal cover	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
2	Black colloid	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
3	Black coating	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	D	N.D.	P	
		DBP	/	D	251	P	
		BBP	/	D	N.D.	P	
		DIBP	/	D	N.D.	P	
4	White plastic cover	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
5	Glass sheet	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
6	Glass sheet	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
7	Black electroplate metal frame	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
8	Silvery metal cover	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	D	/	<0.10**	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
9	Black metal screw	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
10	Black metal screw	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
11	Black PCB	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
12	Soldering tin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
13	Silvery metal contact pin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
14	Black audion body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
15	Black resistance body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
16	Yellow capacitance body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
17	Black IC body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
18	Black plastic socket	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
19	Glass sheet	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
20	Dark gray plastic socket	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
21	Soldering tin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
22	Copper PCB	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
23	Brown plastic sheet	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
24	Black colloid	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
25	Silvery metal contact pin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
26	Silvery metal flicking needle	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	D	/	<0.10**	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
27	Coppery metal contact pin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
28	Black plastic cover	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
29	Coppery varnished wire	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
30	Silvery metal magnet steel	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
31	Black PCB	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
32	Brown plastic socket	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
33	Black plastic socket	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
34	Copper metal pin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
35	Gray capacitance body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
36	Black IC body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	D	/	104	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
37	Black IC body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
38	Black plastic socket	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
39	Coppery metal pin	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	/	/	/	/	
		PBDEs	/	/	/	/	
		DEHP	/	/	/	/	
		DBP	/	/	/	/	
		BBP	/	/	/	/	
		DIBP	/	/	/	/	
40	Black IC body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Screen results of PHTH	Results of chemical testing (mg/kg)	Conclusion (P/F)	Sample submitted/ Resubmitted date
41	Black resistance body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
42	Black IC body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
43	Black IC body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	
44	Black diode body	Cd	P	/	/	P	Jul. 08, 2020
		Cr(VI)	P	/	/	P	
		Hg	P	/	/	P	
		Pb	P	/	/	P	
		PBBs	P	/	/	P	
		PBDEs	P	/	/	P	
		DEHP	/	P	/	P	
		DBP	/	P	/	P	
		BBP	/	P	/	P	
		DIBP	/	P	/	P	



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) Screening results of PHTH are for primary screening, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value.

TEST ITEM	Screening Limit (Unit: mg/kg)
Di-2-ethylhexyl phthalate(DEHP)	$P \leq 600 < D$
Dibutyl phthalate(DBP)	$P \leq 600 < D$
Benzylbutyl phthalate(BBP)	$P \leq 600 < D$
Diisobutyl phthalate(DIBP)	$P \leq 600 < D$

(4) Chemical test

TEST ITEM	Unit	MDL	Limit
Cd	mg/kg	2	100
Cr(VI)	mg/kg	Polymer and Composite Materials: 8	1000
	$\mu\text{g}/\text{cm}^2$	Metal: 0.10**	----
Hg	mg/kg	2	1000
Pb	mg/kg	2	1000
PBBs	mg/kg	5	1000
PBDEs	mg/kg	5	1000
Di-2-ethylhexyl phthalate(DEHP)	mg/kg	30	1000
Dibutyl phthalate(DBP)	mg/kg	30	1000
Benzylbutyl phthalate(BBP)	mg/kg	30	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	1000

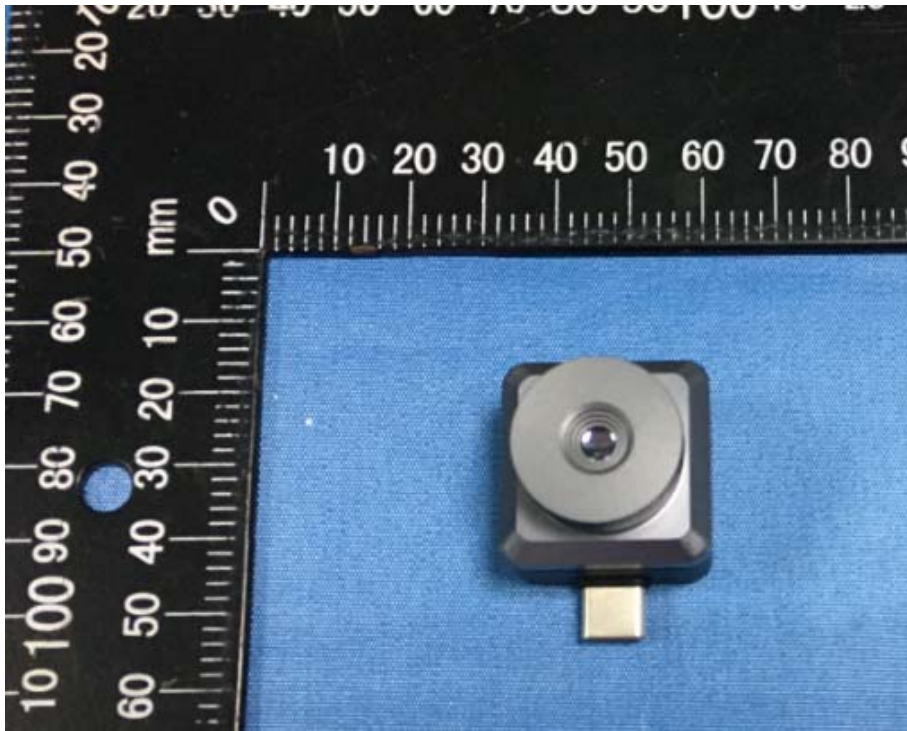
- (5) mg/kg = ppm; N.D. = NOT DETECTED (<MDL); MDL = Method Detection Limit

**= a. The sample is positive for CrVI if the CrVI concentration is greater than $0.13 \mu\text{g}/\text{cm}^2$. The sample coating is considered to contain CrVI

b. The sample is negative for CrVI if CrVI is ND (concentration less than $0.10 \mu\text{g}/\text{cm}^2$). The coating is considered a non-CrVI based coating

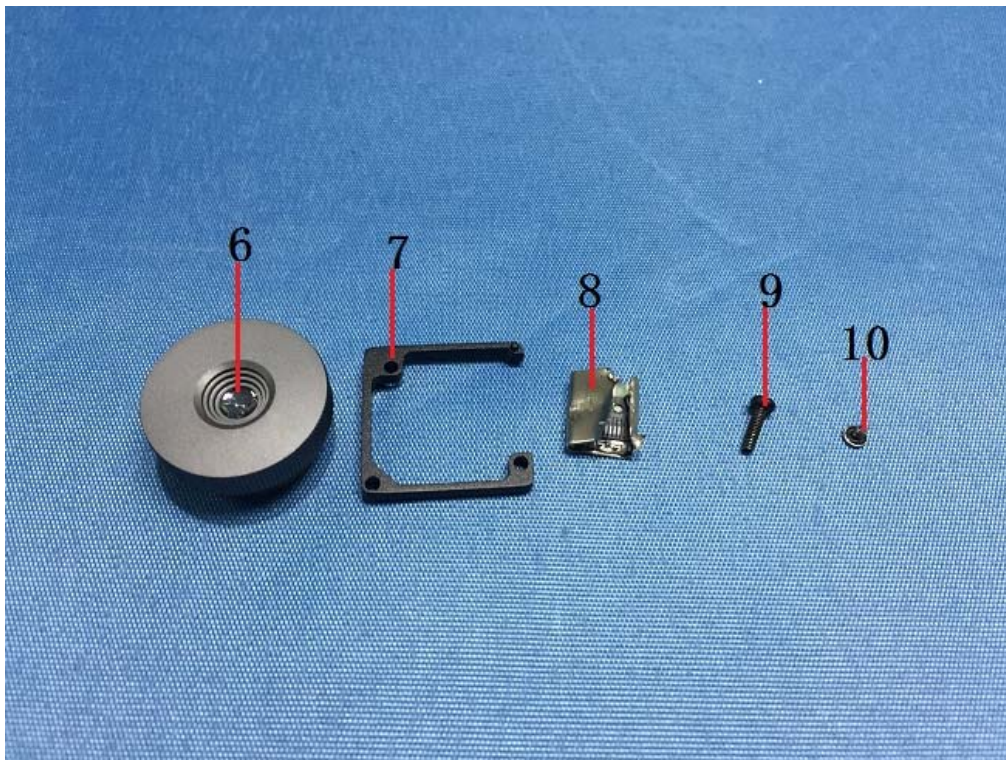
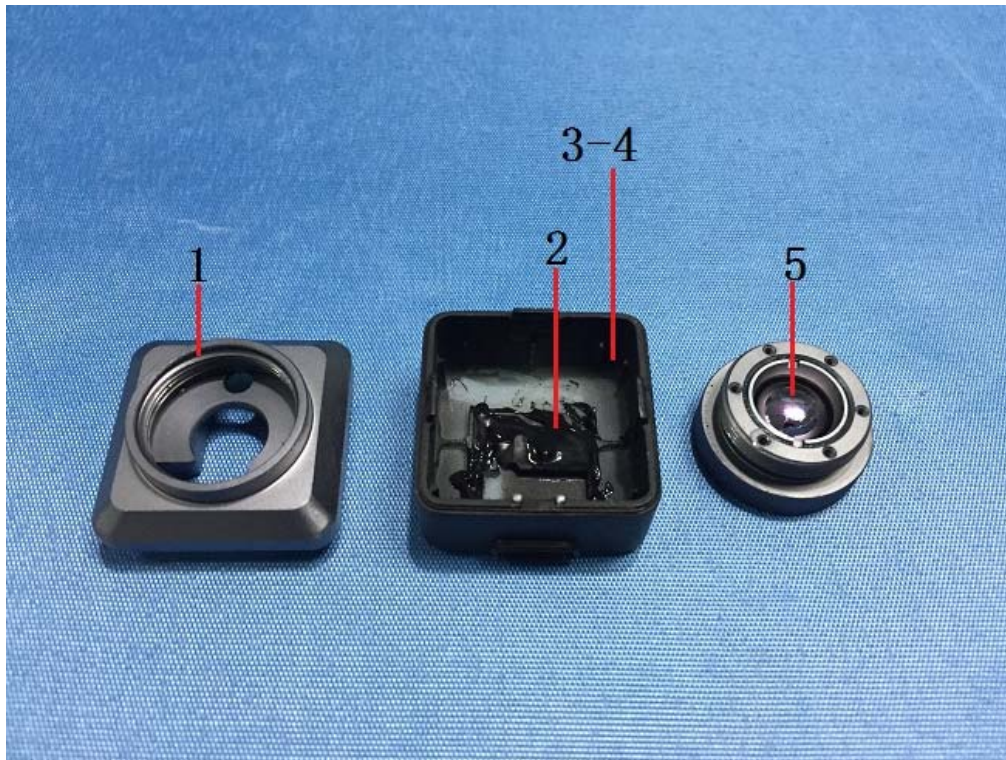
c. The result between $0.10 \mu\text{g}/\text{cm}^2$ and $0.13 \mu\text{g}/\text{cm}^2$ is considered to be inconclusive -unavoidable coating variations may influence the determination

Sample photo

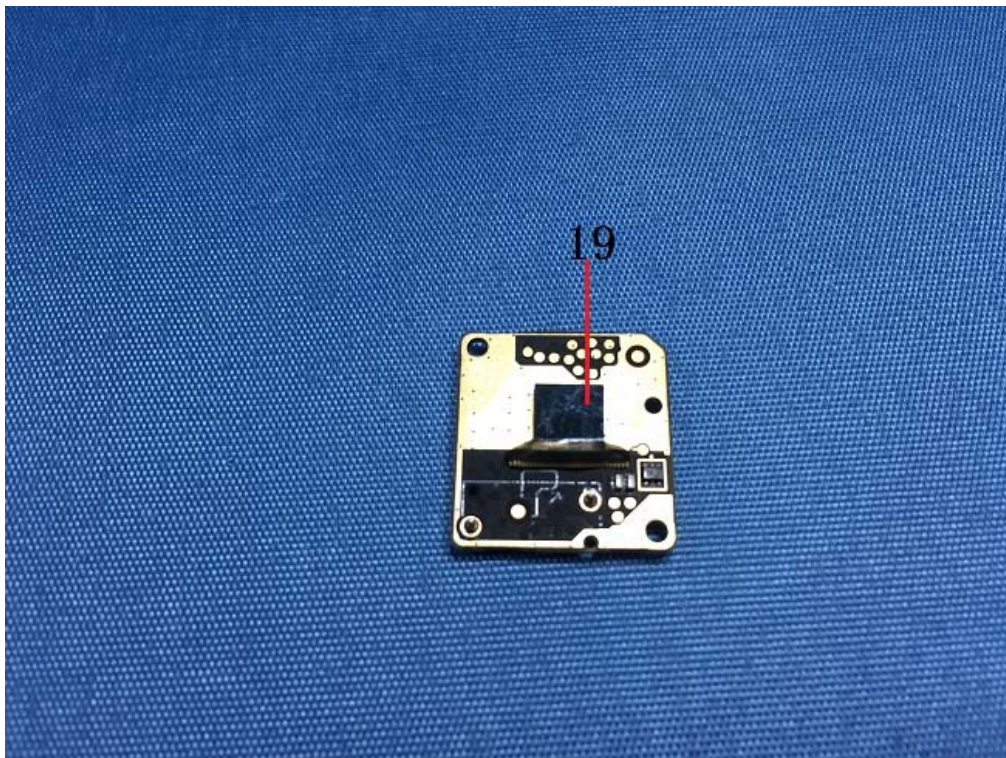
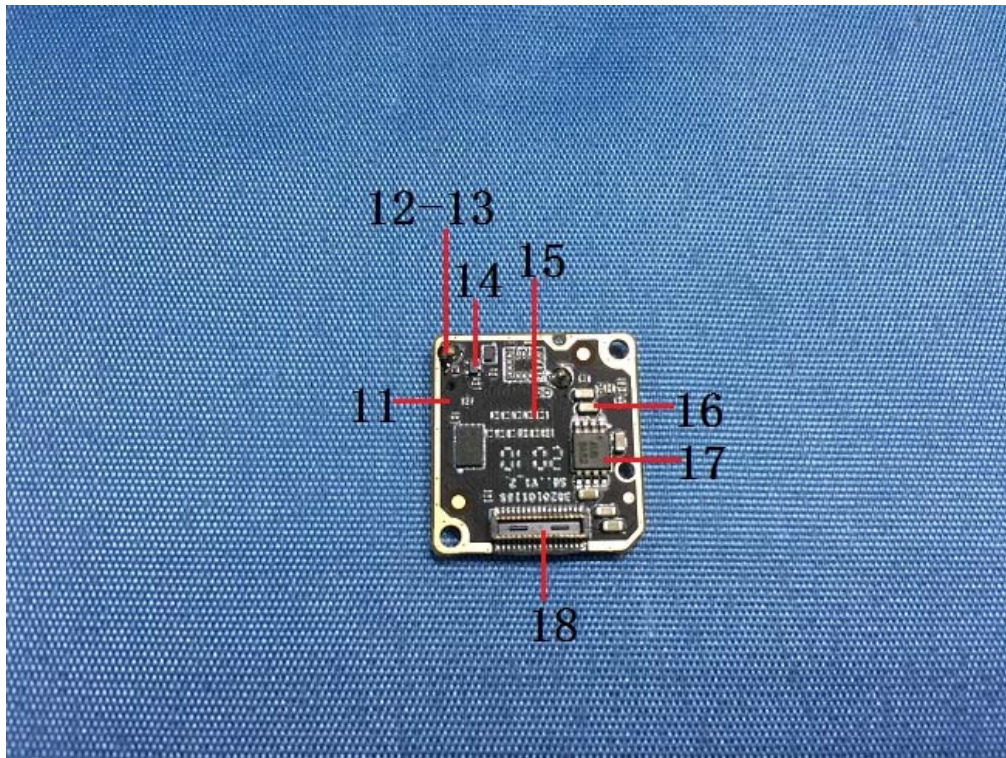


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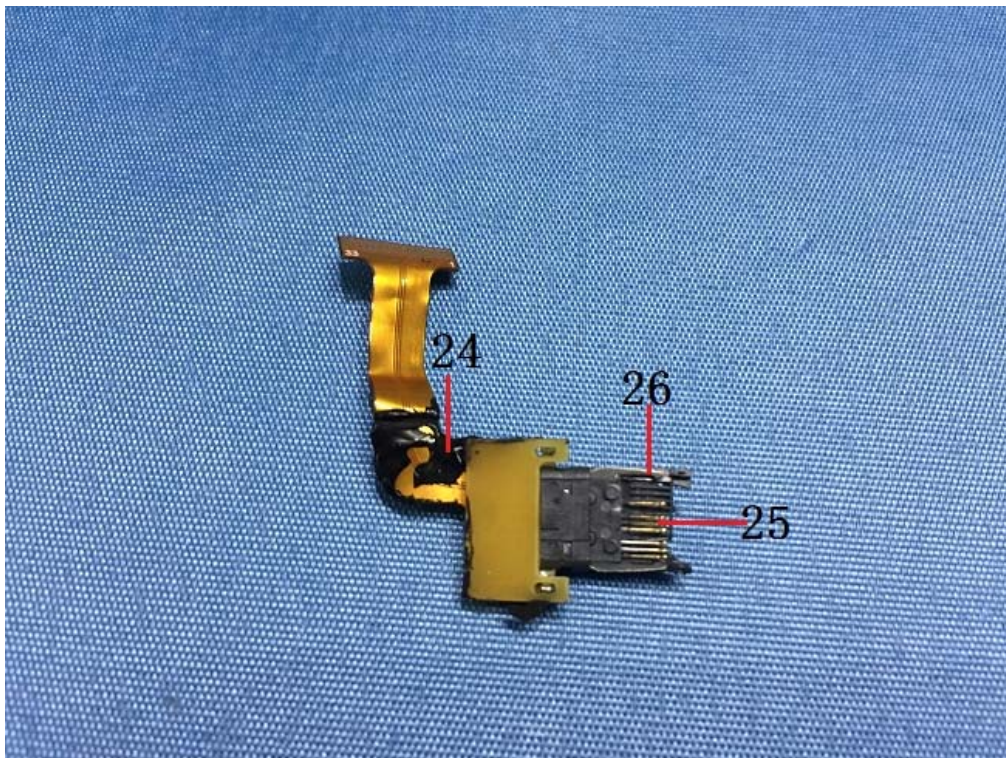
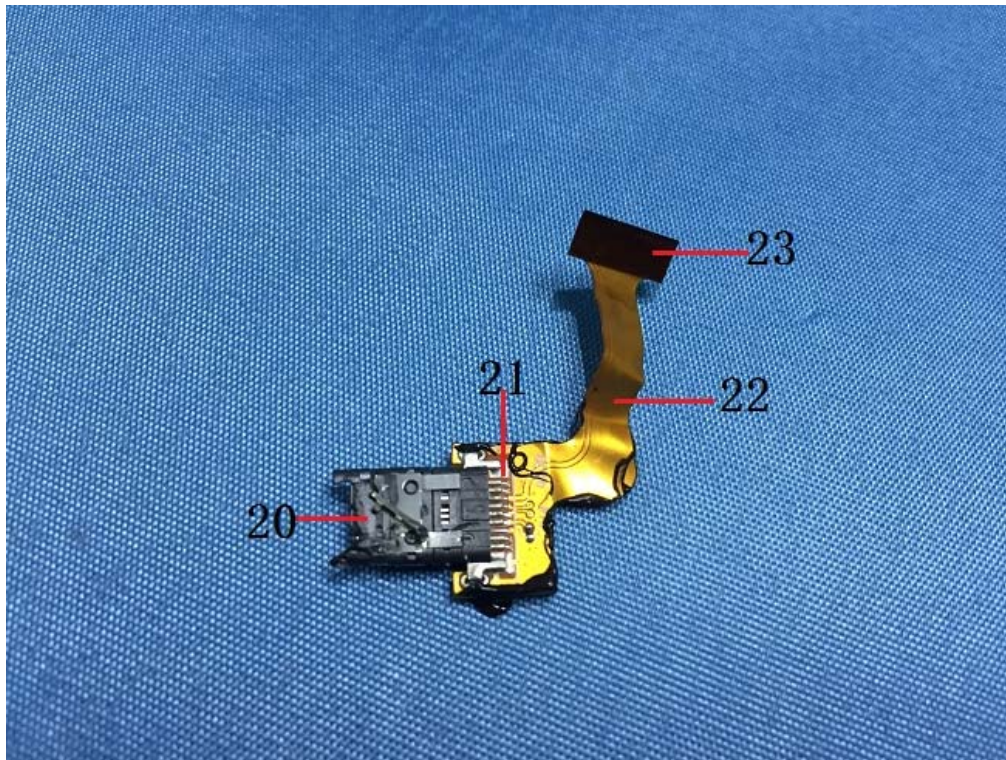
Detailed Split Chart



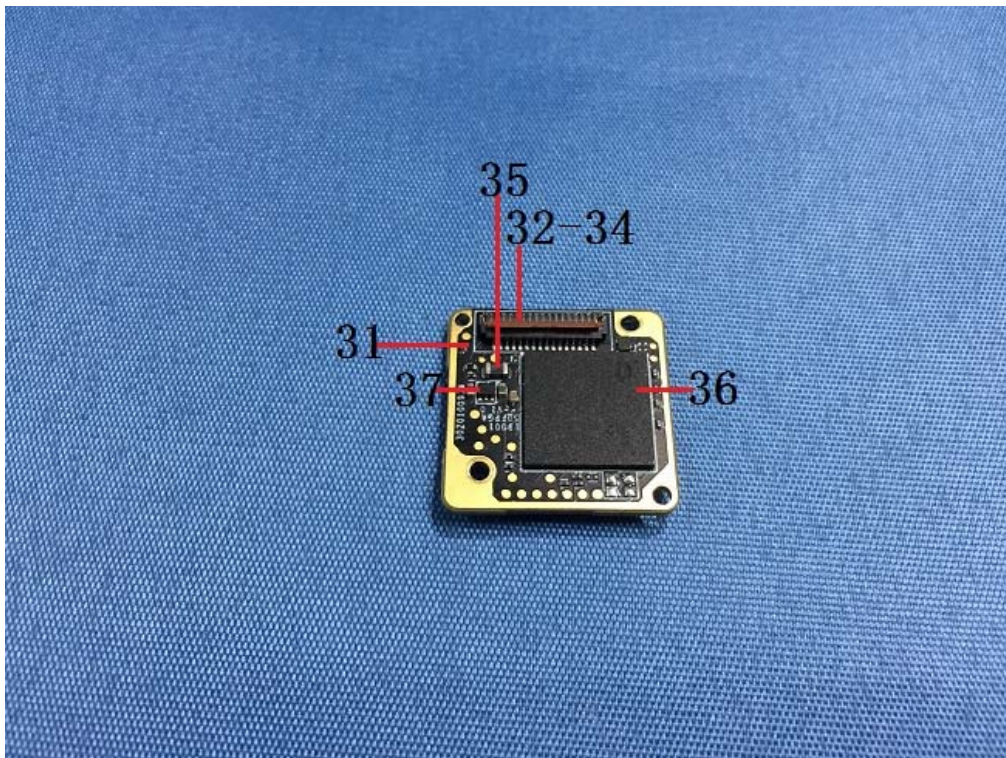
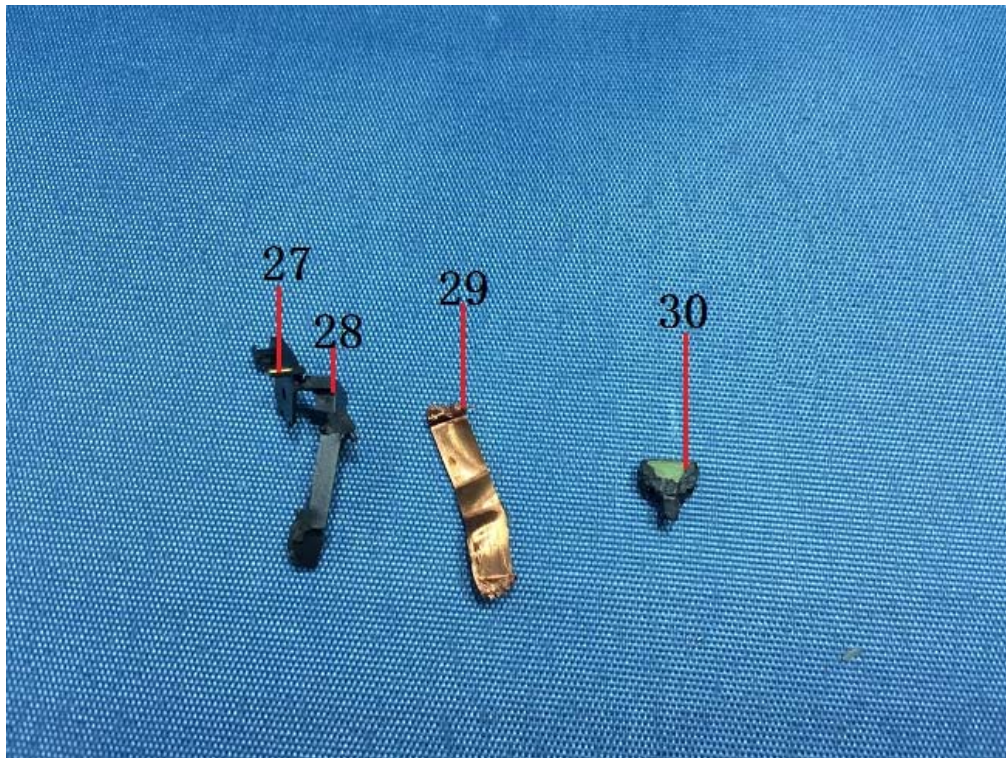
Detailed Split Chart



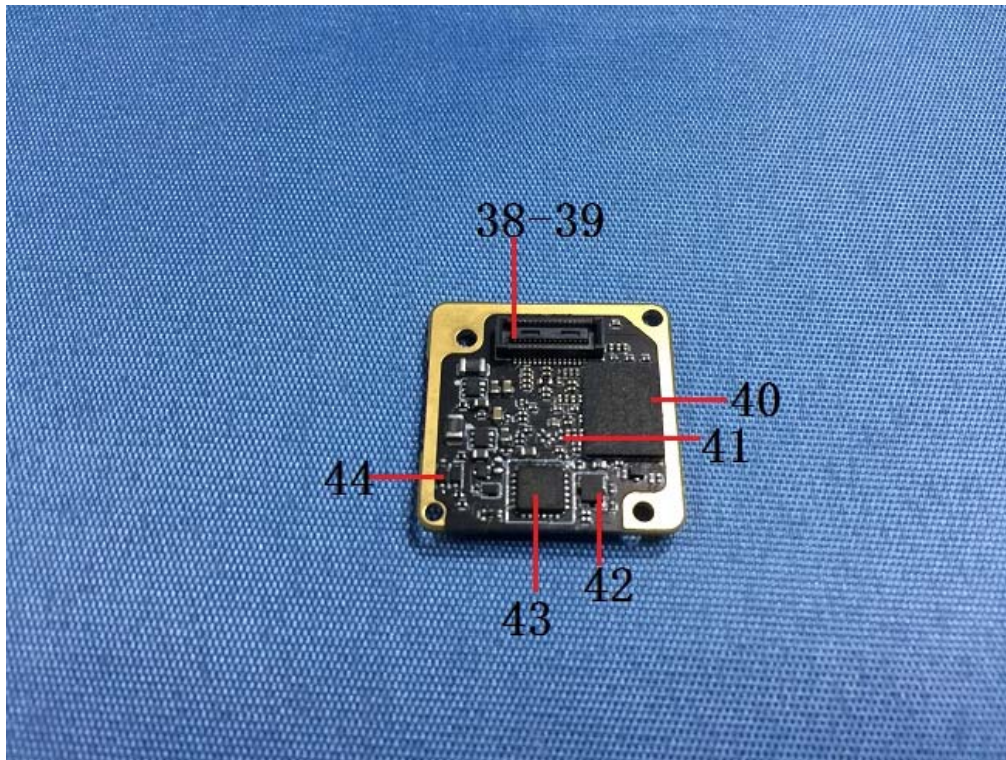
Detailed Split Chart



Detailed Split Chart



Detailed Split Chart



***** 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. “☆” item to be outside the scope of CMA, the test method、data and results are available for reference.
7. The test report shall not be reproduced except in full, without written approval of the laboratory.
8. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.