

Test Report No.:

**1160042254a 001**

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**Client:** **Zhejiang Uniview Technologies Co., Ltd.**  
1-3/F Area A and 2/F Area B, Building 2;1-11/F South Tower,  
Building 10, 88 Jiangling Road, Xixing Town, Binjiang District,  
Hangzhou City

**Test item(s):** IP Camera

**Test Model No(s):** IPC6322SR-X22P-C, IPC6322LR-X22-C

**Reference Style No(s).** IPC6322SRmmm-xxxxxxx-yyyyp-zzz,  
IPC6322LRmmm-xxxxxxx-yyyyp-zzz  
(x, y, z=0-9, or A-Z or blank)

**Sample Receiving date:** 2017-11-24,2017-12-19

**Delivery condition:** **Apparent good, Samples tested as received**

**Test specification:**

**Test result:**

Overall results according to tests performed

1. Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE) Benzylbutyl phthalate (BBP), Dibutyl phthalate (DBP), Bis(2-ethylhexyl) phthalate (DEHP), Diisobutyl phthalate (DIBP)  
According to RoHS (recast): Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU last amended by (EU) 2015/863

**PASS**

**Other Information:**

Test period: 2017-11-25 ~ 2017-12-12, 2017-12-20~2017-12-27

**Remark:** The testing items in the report were subcontracted to the lab which complied with ISO17025.

For and on behalf of  
TÜV Rheinland / CCIC (Ningbo) Co., Ltd.



2017-12-28 Xie Xianqiang Department Manager

Date Name/Position

*Test result is drawn according to the kind and extent of tests performed.*

*This test report 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 safety mark on this or similar products.*

**1. Screening Test by XRF Spectroscopy**

 Test Method: Cadmium, Lead, Mercury, Chromium, Bromine  
 -With reference to IEC 62321-3-1: 2013

Testing Period: 2017-11-25 ~ 2017-12-12, 2017-12-20~2017-12-27

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
1	Transparent plastic lampshade(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
2-1	Transparent lens(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
2-2	Black film(lens)(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
3-1	Black coating(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
3-2	Silvery metal base(Main body)	n.d.	d(^1)	n.d.	n.d.	N.A.
4	Black plastic sheet(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
5	Transparent film(plastic sheet)(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
6	Black plastic shell(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
7	Silvery metal screw(shell)(Main body)	n.d.	n.d.	d(^2)	n.d.	N.A.
8	White plastic label(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
9	Black rubber ring(Main body)	n.d.	n.d.	n.d.	n.d.	n.d.
10-1	Silvery metal base(lamp panel)	n.d.	n.d.	d(^2)	n.d.	N.A.
10-2	Silvery foil(lamp panel)	n.d.	n.d.	n.d.	n.d.	N.A.
10-3	Beige PCB board(lamp panel)	n.d.	n.d.	n.d.	n.d.	d(^1)
10-4	Black coating(lamp panel)	n.d.	n.d.	n.d.	n.d.	n.d.
10-5	Copper foil(lamp panel)	n.d.	n.d.	n.d.	n.d.	N.A.
11	Soldering tin(lamp panel)	n.d.	101(P)	n.d.	n.d.	N.A.
12-1	Transparent lamp bead(LED)	n.d.	n.d.	n.d.	n.d.	n.d.
12-2	Black ceramic lamp holder(LED)	n.d.	n.d.	n.d.	n.d.	N.A.
12-3	Copper metal wafer(LED)	n.d.	n.d.	n.d.	n.d.	N.A.
13	Silvery metal screw(lamp panel)	n.d.	n.d.	d(^2)	n.d.	N.A.
14	Silvery metal support	n.d.	n.d.	n.d.	n.d.	N.A.
15	Silvery metal screw(support)	n.d.	n.d.	d(^2)	n.d.	N.A.
16	Silvery metal screw	n.d.	n.d.	d(^2)	n.d.	N.A.
17	Silvery metal frame	n.d.	n.d.	n.d.	n.d.	N.A.
18	Silvery metal bolt	n.d.	n.d.	n.d.	n.d.	N.A.
19	Black screw(frame)	n.d.	n.d.	n.d.	n.d.	N.A.
20-1	SMD resistor(PCB board)	n.d.	n.d.	n.d.	n.d.	n.d.
20-2	Soldering tin(SMD)	n.d.	n.d.	n.d.	n.d.	N.A.
21-1	Beige PCB board(ICP01DHEAT)	n.d.	n.d.	n.d.	n.d.	d(^1)
21-2	Copper foil(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
21-3	Black coating(PCB board)	n.d.	n.d.	n.d.	n.d.	n.d.
22	Soldering tin(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
23	White paper label	n.d.	n.d.	n.d.	n.d.	n.d.
24-1	Beige plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	n.d.
24-2	Silvery metal sheet(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
24-3	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
25	Black plastic sheet(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
26	White paper label(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
27	Black plastic shell(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
28	Transparent lens(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
29	Silvery metal shaft(camera lens)	n.d.	n.d.	d(^2)	n.d.	N.A.
30	Black screw(camera lens)	n.d.	n.d.	n.d.	n.d.	N.A.
31	Black foam-rubber cushion(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
32	Black plastic bracket(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
33	Transparent lens(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
34	Multicolour lens(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
35	Transparent lens(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
36	Black metal sheet(camera lens)	n.d.	n.d.	n.d.	n.d.	N.A.
37	Silvery metal spring(camera lens)	n.d.	n.d.	d(^2)	n.d.	N.A.
38-1	Black plastic sheet(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
38-2	Soldering tin(FFC)	n.d.	n.d.	n.d.	n.d.	N.A.
39-1	Yellow PCB board	n.d.	n.d.	n.d.	n.d.	n.d.
39-2	Black plastic support	n.d.	n.d.	n.d.	n.d.	d(^1)
40	Brown FFC	n.d.	n.d.	n.d.	n.d.	n.d.
41	Black plastic bobbin(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
42	Silvery metal shell(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
43	Red winding(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
44	Black plastic cover(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
45-1	Silvery magnet(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
45-2	Black plastic pointer(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
46	Silvery metal shell(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
47	White metal support(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
48	Black magnet(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
49	Silvery metal shaft(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
50	Black plastic sheet(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
51	Coppery winding(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
52	Silvery metal cover(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
53	Black plastic(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
54-1	Green PCB board(IPC0WUS2M)	n.d.	n.d.	n.d.	n.d.	d(^1)
54-2	Copper foil(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
55	Black rubber ring(PCB board)	n.d.	n.d.	n.d.	n.d.	n.d.
56	Black lens(PCB board)	n.d.	n.d.	n.d.	n.d.	n.d.
57	Black screw(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
58	SMD IC	n.d.	n.d.	n.d.	n.d.	n.d.
59	SMD capacitor	n.d.	n.d.	n.d.	n.d.	n.d.
60-1	Beige fixing clip(FFC)	n.d.	n.d.	n.d.	n.d.	d(^1)
60-2	Black fixing clip(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
60-3	Coppery metal pin(FFC)	n.d.	n.d.	n.d.	n.d.	N.A.
61	Gery gelation sponge	n.d.	n.d.	n.d.	n.d.	n.d.
62	Silvery metal sheet(FFC)	n.d.	n.d.	n.d.	n.d.	N.A.
63	White FFC	n.d.	n.d.	n.d.	n.d.	n.d.
64	White glue(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
65	Blue plastic sheet(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
66-1	SMD IC(MS41929)	n.d.	n.d.	n.d.	n.d.	n.d.
66-2	SMD IC(YJ18)	n.d.	n.d.	n.d.	n.d.	n.d.
66-3	SMD IC(V05)	n.d.	n.d.	n.d.	n.d.	n.d.
67	Crystal oscillator	n.d.	n.d.	n.d.	n.d.	N.A.
68-1	White fixing clip(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
68-2	Black fixing clip(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
68-3	Coppery metal pin(FFC)	n.d.	n.d.	n.d.	n.d.	N.A.
69	Silvery metal sheet(battery)	n.d.	n.d.	d(^2)	n.d.	N.A.
70-1	Magnetic frame(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
70-2	Coppery winding(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
71-1	SMD audion(45)	n.d.	n.d.	n.d.	n.d.	n.d.
71-2	SMD audion(R1A)	n.d.	n.d.	n.d.	n.d.	n.d.
72	Soldering tin(PCB board)	n.d.	141(P)	n.d.	n.d.	N.A.
73	Crystal oscillator(H72641)	n.d.	n.d.	n.d.	n.d.	N.A.
74-1	Silvery metal shell(connector port)	n.d.	n.d.	d(^2)	n.d.	N.A.
74-2	Black plastic shell(connector port)	n.d.	n.d.	n.d.	n.d.	n.d.
74-3	Silvery metal spring(connector port)	n.d.	n.d.	n.d.	n.d.	N.A.
74-4	Coppery metal pin(connector port)	n.d.	n.d.	n.d.	n.d.	N.A.
75-1	SMD IC(16AF)	n.d.	n.d.	n.d.	n.d.	n.d.
75-2	SMD IC(Hi3516)	n.d.	n.d.	n.d.	n.d.	n.d.
75-3	SMD IC(1727)	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
75-4	SMD IC(RTL8201F)	n.d.	n.d.	n.d.	n.d.	n.d.
75-5	SMD IC(25N01GVZEIG)	n.d.	n.d.	n.d.	n.d.	n.d.
76-1	Yellow adhesive tape(switch)	n.d.	n.d.	n.d.	n.d.	n.d.
76-2	Silvery metal shell(switch)	n.d.	n.d.	d(^2)	n.d.	N.A.
76-3	Black plastic base(switch)	n.d.	n.d.	n.d.	n.d.	n.d.
76-4	Silvery metal wafer(switch)	n.d.	n.d.	n.d.	n.d.	N.A.
77	Soldering tin(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
78-1	Beige plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	n.d.
78-2	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
79	Yellow SMD capacitor	n.d.	n.d.	n.d.	n.d.	n.d.
80	SMD audion	n.d.	n.d.	n.d.	n.d.	n.d.
81	Black plastic gear	n.d.	n.d.	n.d.	n.d.	n.d.
82	Black plastic conveyor belt	n.d.	n.d.	n.d.	n.d.	n.d.
83	Silvery metal ring	n.d.	n.d.	n.d.	n.d.	N.A.
84	Black rubber ring	n.d.	n.d.	n.d.	n.d.	n.d.
85	Silvery metal screw(metal ring)	n.d.	n.d.	d(^2)	n.d.	N.A.
86	Silvery metal screw(PCB board)	n.d.	n.d.	d(^2)	n.d.	N.A.
87	Silvery metal ring(bearing)	n.d.	n.d.	d(^2)	n.d.	N.A.
88	Silvery metal side cover(bearing)	n.d.	n.d.	d(^2)	n.d.	N.A.
89	White lube(bearing)	n.d.	n.d.	n.d.	n.d.	n.d.
90	Brown plastic bracket(bearing)	n.d.	n.d.	n.d.	n.d.	n.d.
91	Silvery metal ball(bearing)	n.d.	n.d.	d(^2)	n.d.	N.A.
92	Silvery metal support(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
93	Silvery metal screw(support)(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
94	Silvery plastic label(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
95	Black metal gear(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
96	Silvery metal shaft(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
97	Silvery metal sheet(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
98	White plastic gear(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
99	Gray magnet(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
100	Silvery metal shaft(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
101	Silvery metal tripod(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
102	Coppery winding(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
103	White plastic bobbin(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
104-1	White plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	n.d.
104-2	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
105	Black plastic sleeve	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
106	White plastic shell(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
107	Yellow plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
108	Orange plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
109	Blue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
110-1	Pink plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
110-2	Silvery metal wire core	n.d.	n.d.	n.d.	n.d.	N.A.
111	Green PCB board	n.d.	n.d.	n.d.	n.d.	d(^1)
112	Soldering tin(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
113	Black rubber ring	n.d.	n.d.	n.d.	n.d.	n.d.
114	White plastic enclosure	n.d.	n.d.	n.d.	n.d.	n.d.
115	White paper label	n.d.	n.d.	n.d.	n.d.	n.d.
116	Black plastic side cover	n.d.	n.d.	n.d.	n.d.	n.d.
117	Silvery metal screw(side cover)	n.d.	n.d.	d(^2)	n.d.	N.A.
118	Silvery metal cover	n.d.	d(^1)	d(^2)	n.d.	N.A.
119	Black plastic inner shell	n.d.	n.d.	n.d.	n.d.	n.d.
120	Golden metal threaded stud	n.d.	d(^1)	n.d.	n.d.	N.A.
121-1	White fuse	n.d.	n.d.	n.d.	n.d.	n.d.
121-2	Golden metal cap(fuse)	n.d.	n.d.	n.d.	n.d.	N.A.
122-1	SMD diode(SMCJ15CA)	n.d.	n.d.	n.d.	n.d.	n.d.
122-2	SMD diode(N718LV1)	n.d.	n.d.	n.d.	n.d.	n.d.
122-3	SMD diode(Z42AVC27)	n.d.	n.d.	n.d.	n.d.	n.d.
122-4	SMD diode(Q7255PCC)	n.d.	n.d.	n.d.	n.d.	n.d.
122-5	SMD diode(DP1500SC)	n.d.	n.d.	n.d.	n.d.	n.d.
122-6	SMD diode(ES3D)	n.d.	n.d.	n.d.	n.d.	d(^1)
123-1	Black body(rectifier)(NFH46)	n.d.	n.d.	n.d.	n.d.	n.d.
123-2	Silvery metal pin(rectifier)(NFH46)	n.d.	n.d.	n.d.	n.d.	N.A.
124-1	Black body(rectifier)(IRFS4115)	n.d.	n.d.	n.d.	n.d.	n.d.
124-2	Silvery metal pin(rectifier)(IRFS4115)	n.d.	n.d.	n.d.	n.d.	N.A.
125	Photo couple(UTCTMTL)	n.d.	n.d.	n.d.	n.d.	n.d.
126	SMD IC(5982CE)	n.d.	n.d.	n.d.	n.d.	n.d.
127	SMD resistor(R500)	n.d.	n.d.	n.d.	n.d.	n.d.
128	SMD capacitor	n.d.	n.d.	n.d.	n.d.	n.d.
129-1	Black plastic shell(Inductor)(1721)	n.d.	n.d.	n.d.	n.d.	n.d.
129-2	Dark gray magnetic ring(Inductor)(1721)	n.d.	n.d.	n.d.	n.d.	N.A.
129-3	Copper winding(Inductor)(1721)	n.d.	n.d.	n.d.	n.d.	N.A.
130-1	White plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	n.d.
130-2	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
131	SMD IC(3845BAKAGG)	n.d.	n.d.	n.d.	n.d.	n.d.
132	SMD resistor(10R0)	n.d.	n.d.	n.d.	n.d.	n.d.
133-1	Black body(rectifier)(MBR10100CD)	n.d.	n.d.	n.d.	n.d.	n.d.
133-2	Silvery metal pin(rectifier)(MBR10100CD)	n.d.	n.d.	n.d.	n.d.	N.A.
134-1	SMD diode(CNSK3B)	n.d.	n.d.	n.d.	n.d.	d(^1)
134-2	SMD diode(P7215BCC)	n.d.	n.d.	n.d.	n.d.	n.d.
135-1	Yellow SMD capacitor	n.d.	n.d.	n.d.	n.d.	n.d.
135-2	Black SMD capacitor	n.d.	n.d.	n.d.	n.d.	n.d.
136	Soldering tin	n.d.	n.d.	n.d.	n.d.	N.A.
137-1	Silvery metal shell(Inductor)	n.d.	n.d.	d(^2)	n.d.	N.A.
137-2	Magnetic frame(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
137-3	Black plastic bobbin(Inductor)	n.d.	n.d.	n.d.	n.d.	n.d.
137-4	Coppery metal winding(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
137-5	Silvery metal pin(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
137-6	Soldering tin(Inductor)	n.d.	43(P)	n.d.	n.d.	N.A.
138-1	White label(Inductor)	n.d.	n.d.	n.d.	n.d.	n.d.
138-2	Silvery metal frame(Inductor)	n.d.	n.d.	d(^2)	n.d.	N.A.
138-3	Magnetic frame(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
138-4	Yellow adhesive tape(Inductor)	n.d.	n.d.	n.d.	n.d.	n.d.
138-5	Black plastic bobbin(Inductor)	n.d.	n.d.	n.d.	n.d.	n.d.
138-6	Coppery metal winding(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
139-1	Black plastic shell(relay)	n.d.	n.d.	n.d.	n.d.	d(^1)
139-2	Silvery metal sheet(relay)	n.d.	n.d.	n.d.	n.d.	N.A.
139-3	Coppery metal sheet(relay)	n.d.	n.d.	n.d.	n.d.	N.A.
139-4	Silvery metal sheet(relay)	n.d.	n.d.	n.d.	n.d.	N.A.
139-5	Black plastic bobbin(relay)	n.d.	n.d.	n.d.	n.d.	d(^1)
139-6	Coppery metal winding(relay)	n.d.	n.d.	n.d.	n.d.	N.A.
139-7	Silvery metal support(relay)	n.d.	n.d.	n.d.	n.d.	N.A.
140	Blue plastic sleeve(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
141	White metal shell(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
142-1	Black plastic sleeve(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
142-2	Silvery metal shell(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
142-3	Brown paper(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
142-4	Aluminium foil(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
142-5	Black rubber stopper(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
142-6	Silvery metal pin(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
143	Black rubber sleeve	n.d.	n.d.	n.d.	n.d.	d(^1)

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
144	White rubber sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
145	Black plastic wire casing	n.d.	n.d.	n.d.	n.d.	n.d.
146	Black plastic stopper	n.d.	n.d.	n.d.	n.d.	n.d.
147	Silvery metal screw(stopper)	n.d.	n.d.	d(^2)	n.d.	N.A.
148-1	White coating(mounting base)	n.d.	n.d.	n.d.	n.d.	n.d.
148-2	Silvery metal base(mounting base)	n.d.	d(^1)	n.d.	n.d.	N.A.
149	Silvery metal line code(mounting base)	n.d.	n.d.	d(^2)	n.d.	N.A.
150	Silvery metal screw(mounting base)	n.d.	n.d.	d(^2)	n.d.	N.A.
151	Silvery metal buckle(mounting base)	n.d.	n.d.	d(^2)	n.d.	N.A.
152	Silvery steel wire rope(mounting base)	n.d.	n.d.	d(^2)	n.d.	N.A.
153	Silvery metal wire clip(mounting base)	n.d.	n.d.	d(^2)	n.d.	N.A.
154-1	Brown plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	n.d.
154-2	Silvery metal sheet(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
154-3	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
155-1	SMD IC(MS3889N)	n.d.	n.d.	n.d.	n.d.	n.d.
155-2	SMD IC(IAUBH)	n.d.	n.d.	n.d.	n.d.	n.d.
155-3	SMD IC(STM32F200)	n.d.	n.d.	n.d.	n.d.	n.d.
156	SMD resistor(0)	n.d.	n.d.	n.d.	n.d.	n.d.
157	SMD LED	n.d.	n.d.	n.d.	n.d.	n.d.
158-1	Crystal oscillator(24.000H721)	n.d.	n.d.	n.d.	n.d.	N.A.
158-2	Black plastic pedestal(crystal oscillator)	n.d.	n.d.	n.d.	n.d.	n.d.
159	Silvery metal screw(PCB board)	n.d.	n.d.	d(^2)	n.d.	N.A.
160	Soldering tin(PCB board)	n.d.	172(P)	n.d.	n.d.	N.A.
161	Silvery metal plate(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
162	Silvery metal screw(plate)(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
163	White paper label(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
164-1	Black coating(shell)(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
164-2	Silvery metal base(shell)(motor)	d(^1)	n.d.	n.d.	n.d.	N.A.
165	White plastic bobbin(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
166	Coppery winding(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
167	Black metal stator(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
168	Black metal gear(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
169-1	Green coating(rotor)(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
169-2	Silvery magnet(rotor)(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
170	Silvery metal shaft(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
171	Silvery metal screw(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
172	White plastic sheet(motor)	n.d.	n.d.	n.d.	n.d.	n.d.



Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
173	Black metal wave washer(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
174	White plastic washer(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
175-1	Silvery metal ring(bearing)(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
175-2	Silvery metal side cover(bearing)(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
176-1	Green PCB board	n.d.	n.d.	n.d.	n.d.	d(^1)
176-2	Soldering tin	n.d.	n.d.	n.d.	n.d.	N.A.
176-3	Transparent glue	n.d.	n.d.	n.d.	n.d.	n.d.
177	Beige plastic outlet	n.d.	n.d.	n.d.	n.d.	n.d.
178	Blue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
179	Green plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
180	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
181	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
182-1	Black plastic casing(slip ring)	n.d.	n.d.	n.d.	n.d.	n.d.
182-2	Silvery plastic label(slip ring)	n.d.	n.d.	n.d.	n.d.	n.d.
183	Black circlip(slip ring)	n.d.	n.d.	n.d.	n.d.	N.A.
184	Golden metal rotor(slip ring)	n.d.	d(^1)	n.d.	n.d.	N.A.
185	Silvery metal bearing(slip ring)	n.d.	n.d.	d(^2)	n.d.	N.A.
186	Black plastic(slip ring)	n.d.	n.d.	n.d.	n.d.	d(^1)
187	Black rubber sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
188	White glue	n.d.	n.d.	n.d.	n.d.	n.d.
189	Golden metal brush(slip ring)	n.d.	n.d.	n.d.	n.d.	N.A.
190	Black plastic brush rocker(slip ring)	n.d.	n.d.	n.d.	n.d.	d(^1)
191	Brown plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
192	Orange plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
193	Yellow plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
194	Skyblue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
195	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
196	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
197-1	Green/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
197-2	Gray/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
198	Dark blue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
199-1	Purple/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
199-2	Khaki plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
200	White plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
201	Dark gray plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
202	Purple plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
203	Green plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr <sup>^</sup>	Hg	Br <sup>^</sup>
204-1	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
204-2	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
205	Black fiber sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
206-1	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
206-2	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
206-3	Silvery metal wire core	n.d.	n.d.	n.d.	n.d.	N.A.
207-1	Dark brown plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
207-2	Dark brown/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
207-3	Dark blue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
207-4	Dark blue/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
208-1	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
208-2	Gray plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
208-3	Brown plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
208-4	Brown/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
208-5	Dark green plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
208-6	Dark green/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
209	White label	n.d.	n.d.	n.d.	n.d.	n.d.
210-1	Orange plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
210-2	Orange/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
210-3	Green plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
210-4	Green/white plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
211-1	Black plastic plug(power cord)	n.d.	n.d.	n.d.	n.d.	n.d.
211-2	Silvery metal plug(power cord)	n.d.	n.d.	n.d.	n.d.	N.A.
211-3	Silvery metal inner shell(power cord)	n.d.	n.d.	d(^2)	n.d.	N.A.
211-4	Silvery metal pin(power cord)	n.d.	d(^1)	n.d.	n.d.	N.A.
211-5#	Soldering tin(power cord) Resubmitted on 2017-12-19	n.d.	d(^1)	n.d.	n.d.	N.A.
212	Black plastic wire casing	n.d.	n.d.	n.d.	n.d.	n.d.
213-1	Black plastic plug(video cable)	n.d.	n.d.	n.d.	n.d.	n.d.
213-2	Black plastic inner shell(video cable)	n.d.	n.d.	n.d.	n.d.	d(^1)
213-3	Golden metal pin(video cable)	n.d.	n.d.	n.d.	n.d.	N.A.
213-4	White glue(video cable)	n.d.	n.d.	n.d.	n.d.	n.d.
213-5	White plastic sheet(video cable)	n.d.	n.d.	n.d.	n.d.	d(^1)
213-6	Soldering tin(video cable)	n.d.	113(P)	n.d.	n.d.	N.A.

**Abbreviation:**

Pb	denotes Lead
Cd	denotes Cadmium
Hg	denotes Mercury
Cr	denotes Chromium
Cr(VI)	denotes Chromium(VI)
Br	denotes Bromine
PBBs	denotes Total Polybrominated Biphenyls
PBDEs	denotes Total Polybrominated Diphenyl Ethers
<	denotes less than
N.A.	denotes Not Applicable
n.d.	denotes Not Detected
d	denotes Detected

**Remark:**

(^1) The screening result was found in the inconclusive region (X), thus the further wet chemistry tests are suggested.

(^2) The Chromium (VI) content in surface layer has been confirmed with reference to IEC 62321-7-1: 2015.

**XRF Screening limits for different materials:**

Materials	Concentration (mg/kg)				
	Cd	Cr	Pb	Hg	Br
<b>Metallic material</b>	P≤ 60 < X ≤140 < F	P≤ 640 < X	P≤ 670 < X≤1360 < F	P≤ 660 < X≤1340 < F	NA
<b>Polymeric material</b>	P≤ 60 < X ≤140 < F	P≤ 640 < X	P≤ 670 < X≤1360 < F	P≤ 660 < X≤1340 < F	P≤ 290 < X
<b>Electronic material</b>	P≤ 40 < X ≤160 < F	P≤ 440 < X	P≤ 470 < X≤1640 < F	P≤460 < X≤1540 < F	P≤ 240 < X

## 2. Confirmation Test by Wet Chemistry

Test Method: Total Cadmium, Lead, Mercury, Chromium  
 -Ref. to IEC 62321-4: 2013 & IEC 62321-5: 2013  
 Chromium (VI)  
 - For Metal material - Ref. to IEC 62321-7-1: 2015  
 - For Plastic or Electronic material – Ref. to IEC 62321-7-2:2017  
 - For Leather material - Ref. to ISO 17075: 2007  
 PBBs, PBDEs – Ref. to IEC 62321-6: 2015  
 Testing Period: 2017-11-25 ~ 2017-12-12, 2017-12-20~2017-12-27

Material list:

Material No.	Material	Color	Test Plan
			A=Test HM only B=Test FR only C=Test HM+FR
3-2	metal	silvery	A
7	metal	silvery	A
10-1	metal	silvery	A
10-3	PCB	beige	B
13	metal	silvery	A
15	metal	silvery	A
16	metal	silvery	A
21-1	PCB	beige	B
29	metal	silvery	A
37	metal	silvery	A
39-2	plastic	black	B
47	metal	silvery	A
49	metal	silvery	A
52	metal	silvery	A
54-1	PCB	green	B
60-1	plastic	beige	B
69	metal	silvery	A
74-1	metal	silvery	A
76-2	metal	silvery	A
85	metal	silvery	A
86	metal	silvery	A

Material No.	Material	Color	Test Plan
			A=Test HM only B=Test FR only C=Test HM+FR
87	metal	silvery	A
88	metal	silvery	A
91	metal	silvery	A
93	metal	silvery	A
100	metal	silvery	A
101	metal	silvery	A
111	PCB	green	B
117	metal	silvery	A
118	metal	silvery	A
120	metal(copper)	gold	A
122-6	electronic material	black	B
134-1	electronic material	black	B
137-1	metal	silvery	A
138-2	metal	silvery	A
139-1	plastic	black	B
139-5	plastic	black	B
143	plastic	black	B
147	metal	silvery	A
148-2	metal	silvery	A
149	metal	silvery	A
150	metal	silvery	A
151	metal	silvery	A
152	metal	silvery	A
153	metal	silvery	A
159	metal	silvery	A
162	metal	silvery	A
164-2	metal	silvery	A
167	metal	silvery	A
168	metal	black	A
170	metal	silvery	A

Material No.	Material	Color	Test Plan
			A=Test HM only B=Test FR only C=Test HM+FR
171	metal	silvery	A
173	metal	black	A
175-1	metal	silvery	A
175-2	metal	silvery	A
176-1	PCB	green	B
184	metal(copper)	gold	A
185	metal	silvery	A
186	plastic	black	B
190	plastic	black	B
211-3	metal	silvery	A
211-4	metal	silvery	A
211-5#	metal	silvery	A
213-2	plastic	black	B
213-5	plastic	white	B

Abbreviation: HM (Heavy metal) = Cd, Pb, Hg, Cr (VI)  
 FR (Flame Retardant) = PBBs, PBDEs

**Test result:**

	Cd	Pb	Cr (VI)	Hg	PBBs	PBDEs
Maximum Permissible Limit ppm (mg/kg)	100	1000	1000	1000	1000	1000

Material No.	Ppm (mg/kg)					
	Cd	Pb	Cr <sup>VI</sup>	Hg	PBBs	PBDEs
	MDL (mg/kg)					
	2	2	2	2	--(^3)	--(^3)
3-2	N.A.	127	N.A.	N.A.	N.A.	N.A.
10-3	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
21-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
39-2	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
54-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
60-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
111	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
118	N.A.	116	N.A.	N.A.	N.A.	N.A.
120	N.A.	31106 <sup>[6(c)]</sup>	N.A.	N.A.	N.A.	N.A.
122-6	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
134-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
139-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
139-5	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
143	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
148-2	N.A.	131	N.A.	N.A.	N.A.	N.A.
164-2	N.A.	125	N.A.	N.A.	N.A.	N.A.
176-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
184	N.A.	26743 <sup>[6(c)]</sup>	N.A.	N.A.	N.A.	N.A.
186	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
190	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
211-4	N.A.	25830 <sup>[6(c)]</sup>	N.A.	N.A.	N.A.	N.A.
211-5#	N.A.	151	N.A.	N.A.	N.A.	N.A.
213-2	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
213-5	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.

Material no.	Hexavalent Chromium Content ( $\mu\text{g}/\text{cm}^2$ ) <sup>(*)</sup>
	RL: 0.10 $\mu\text{g}/\text{cm}^2$
7	Negative
10-1	Negative
13	Negative
15	Negative
16	Negative
29	Negative
37	Negative
47	Negative
49	Negative
52	Negative
69	Negative
74-1	Negative
76-2	Negative
85	Negative
86	Negative
87	Negative
88	Negative
91	Negative
93	Negative
100	Negative
101	Negative
117	Negative
118	Negative
137-1	Negative
138-2	Negative
147	Negative
149	Negative
150	Negative
151	Negative
152	Negative
153	Negative
159	Negative
162	Negative
167	Negative
168	Negative
170	Negative
171	Negative
173	Negative
175-1	Negative
175-2	Negative
185	Negative
211-3	Negative



**Abbreviation:**

Pb	denotes Lead
Cd	denotes Cadmium
Hg	denotes Mercury
Cr	denotes Chromium
Cr(VI)	denotes Chromium(VI)
PBBs	denotes Total Polybrominated Biphenyls
PBDEs	denotes Total Polybrominated Diphenyl Ethers
N.D.	denotes Not Detected
MDL	denotes Method Detection Limit
N.A.	denotes Not Applicable
^	The total Chromium have been determined

**Remark:**

1. Component(s)/ materials(s) with an area of less than 2mm x 2mm will not be selected for testing according to RoHS Directive 2011/65/EU due to technical reason.
2. For the test sample does not have detail materials information provided by client, visually identical materials (e.g. wire insulation, solder points, etc.) will be considered as the same material.
3. Solder points on a printing circuit board will be examined several times based on optical anomalies or discoloration of the solder point(s) unless the solder point(s) is obviously generated automatically during production.
4. All other materials will be sampled and tested at one test point representatively.

(\*1) The total chromium content in Metal sample was found to be exceeded the maximum permissible limit (1000mg/kg). Thus, the Chromium (VI) content in surface layer have been confirmed with reference to IEC 62321-7-1: 2015 Annex.

	Chromium (VI) concentration	Qualitative result
Negative	<0.1 µg/cm <sup>2</sup>	The sample is negative for Cr(VI). –The Cr(VI) concentration is below the limit of quantification. The coating is considered a non Cr(VI) based coating.
Inconclusive	≥0.1 µg/cm <sup>2</sup> and ≤0.13 µg/cm <sup>2</sup>	The result is considered to be inconclusive. –Unavoidable coating variations may influence the determination. Recommendation: if additional samples are available, perform a total of 3 trials to increase sampling surface area. Use the averaged result of the 3 trials for the final determination.
Positive	>0.13 µg/cm <sup>2</sup>	The sample is positive for Cr(VI). –The Cr(VI) concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

(\*2) The total chromium content in plastic sample or electronic sample was found to be exceeded the maximum permissible limit (1000mg/kg). Thus, the Chromium (VI) content have been confirmed with reference to IEC 62321-7-2:2017.

(\*3) The total chromium content in leather sample was found to be exceeded the maximum permissible limit (1000mg/kg). Thus, the Chromium (VI) content have been confirmed with reference to ISO 17075: 2007.

(^3) The method detection limit for each individual PBBs and individual PBDEs are:

Method Detection Limit in ppm (mg/kg)		
PBBs	Monbromobiphenyl	5
	Dibromobiphenyl	5
	Tribromobiphenyl	5
	Tetrabromobiphenyl	5
	Pentabromobiphenyl	5
	Hexabromobiphenyl	5
	Heptabromobiphenyl	5
	Octabromobiphenyl	5
	Nonabromobiphenyl	5
	Decabromobiphenyl	5
PBDEs	Monbromodiphenyl ether	5
	Dibromodiphenyl ether	5
	Tribromodiphenyl ether	5
	Tetrabromodiphenyl ether	5
	Pentabromodiphenyl ether	5
	Hexabromodiphenyl ether	5
	Heptabromodiphenyl ether	5
	Octabromodiphenyl ether	5
	Nonabromodiphenyl ether	5
	Decabromodiphenyl ether	5

6(c) Copper alloy containing up to 4 % lead by weight.

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### 3. BBP, DBP, DEHP, DIBP content

Test method: Organic solvent extraction, analyzed by GCMS (Ref. to DIN EN 62321-8: 2014 (IEC 111/321/CD: 2013))

Testing Period: 2017-12-01 ~ 2017-12-12

#### Test result:

	<b>BBP</b>	<b>DBP</b>	<b>DEHP</b>	<b>DIBP</b>
<b>Maximum permissible Limit (mg/kg)</b>	1000	1000	1000	1000

Test No.	Material No.	(mg/kg)			
		BBP	DBP	DEHP	DIBP
		RL (mg/kg)			
		50	50	50	50
T001	1+4+6	n.d.	n.d.	n.d.	n.d.
T002	3-1+148-1	n.d.	n.d.	n.d.	n.d.
T003	2-2+5+25	n.d.	n.d.	176	111
T004	8+23+26	n.d.	n.d.	n.d.	n.d.
T005	9+55+84	n.d.	n.d.	n.d.	n.d.
T006	10-3+10-4+12-1	n.d.	n.d.	n.d.	n.d.
T007	21-1+21-3+176-1	n.d.	n.d.	n.d.	n.d.
T008	24-1+78-1+104-1	n.d.	n.d.	n.d.	n.d.
T009	27+32+39-2	n.d.	n.d.	n.d.	n.d.
T010	31+61	n.d.	n.d.	n.d.	n.d.
T011	38-1+40	n.d.	n.d.	n.d.	n.d.
T012	39-1+54-1+111	n.d.	n.d.	n.d.	n.d.
T013	41+44+45-2	n.d.	n.d.	n.d.	n.d.
T014	50+53	n.d.	n.d.	n.d.	n.d.
T015	60-1+60-2+130-1	n.d.	n.d.	n.d.	n.d.
T016	63+65	n.d.	n.d.	n.d.	n.d.
T017	68-1+68-2+154-1	n.d.	n.d.	n.d.	n.d.
T018	74-2+76-1+76-3	n.d.	n.d.	n.d.	n.d.
T019	81+82+106	n.d.	n.d.	n.d.	n.d.
T020	89+90	n.d.	n.d.	n.d.	n.d.
T021	98+103	n.d.	n.d.	n.d.	n.d.
T022	94+115+163	n.d.	n.d.	n.d.	n.d.
T023	105+143+144	n.d.	n.d.	n.d.	n.d.
T024	107+108	n.d.	n.d.	n.d.	n.d.
T025	109+110-1	n.d.	n.d.	n.d.	n.d.
T026	113	n.d.	n.d.	n.d.	n.d.
T027	114+116+119	n.d.	n.d.	n.d.	n.d.
T028	129-1+137-3+177	n.d.	n.d.	n.d.	n.d.

Test No.	Material No.	(mg/kg)			
		BBP	DBP	DEHP	DIBP
		RL (mg/kg)			
		50	50	50	50
T029	138-1+138-4+138-5	n.d.	n.d.	n.d.	n.d.
T030	139-1+139-5+158-2	n.d.	n.d.	n.d.	n.d.
T031	140+142-1+142-5	n.d.	n.d.	n.d.	n.d.
T032	145+146	n.d.	n.d.	n.d.	n.d.
T033	164-1+169-1	n.d.	n.d.	n.d.	n.d.
T034	165+172+174	n.d.	n.d.	n.d.	n.d.
T035	182-2+209	n.d.	n.d.	n.d.	n.d.
T036	64+176-3+188	n.d.	n.d.	n.d.	n.d.
T037	178+179	n.d.	n.d.	n.d.	n.d.
T038	180+181	n.d.	n.d.	n.d.	n.d.
T039	182-1+186+190	n.d.	n.d.	n.d.	n.d.
T040	187+205	n.d.	n.d.	n.d.	n.d.
T041	191+192+193	n.d.	n.d.	n.d.	n.d.
T042	194+195+196	n.d.	n.d.	n.d.	n.d.
T043	197-1+197-2+198	n.d.	n.d.	n.d.	n.d.
T044	199-1+199-2+200	n.d.	n.d.	n.d.	n.d.
T045	201+202+203	n.d.	n.d.	n.d.	n.d.
T046	204-1+204-2+206-1	n.d.	n.d.	n.d.	n.d.
T047	206-3+207-1+207-2	n.d.	n.d.	n.d.	n.d.
T048	207-3+207-4+208-1	n.d.	n.d.	n.d.	n.d.
T049	208-2+208-3+208-4	n.d.	n.d.	n.d.	n.d.
T050	208-5+208-6+210-1	n.d.	n.d.	n.d.	n.d.
T051	210-2+210-3+210-4	n.d.	n.d.	n.d.	n.d.
T052	211-1+212	n.d.	n.d.	n.d.	n.d.
T053	213-1+213-2+213-5	n.d.	n.d.	n.d.	n.d.
T054	213-4	n.d.	n.d.	n.d.	n.d.

**Abbreviation:** BBP= Benzylbutyl phthalate  
 DBP= Dibutyl phthalate  
 DEHP= Bis(2-ethylhexyl) phthalate  
 DIBP= Diisobutyl phthalate  
 n.d.= Not Detected (< Reporting Limit)  
 RL = Reporting Limit  
 N.A. = Not Applicable  
 mg/kg= milligram per kilogram

**Remark:**

Zhejiang Uniview Technologies Co., Ltd. declared that:  
The following models and test model IPC6322SR-X22P-C, IPC6322LR-X22-C are the same serials, all components were made by the same raw material but different in shapes and sizes. Zhejiang Uniview Technologies Co., Ltd. will be responsible for this statement.

IPC6322SRmmm-xxxxxxx-yyyyyyP-zzz,

IPC6322LRmmm-xxxxxxx-yyyyyy-zzz

(x, y, z=0-9, or A-Z or blank)

Test Report No.:

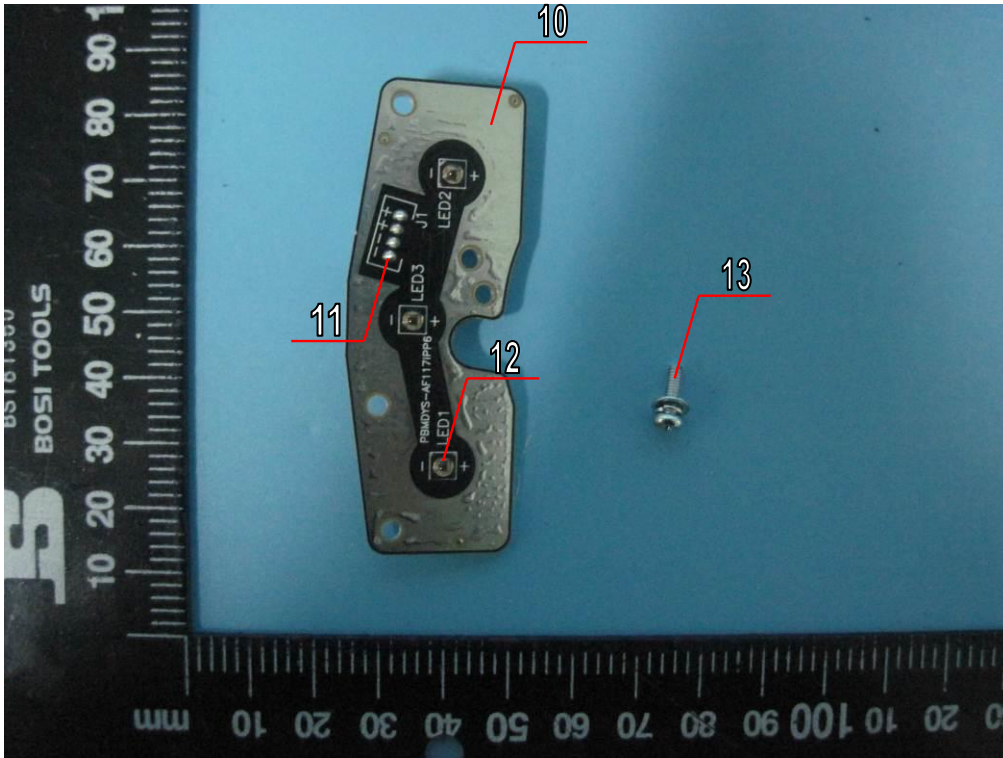
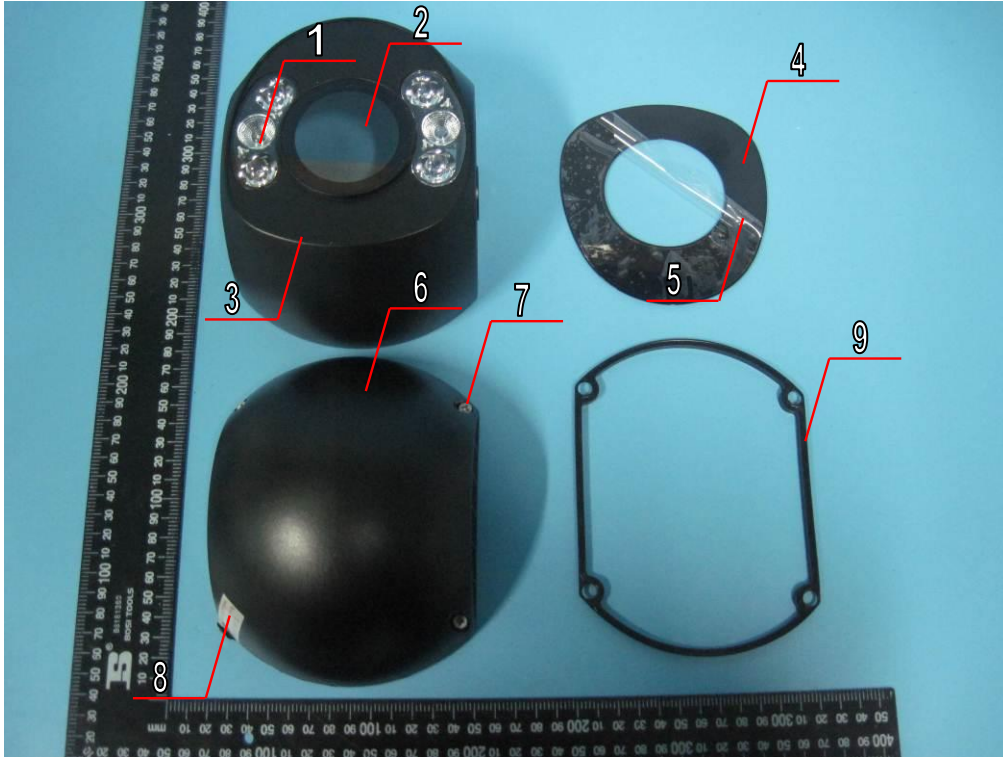
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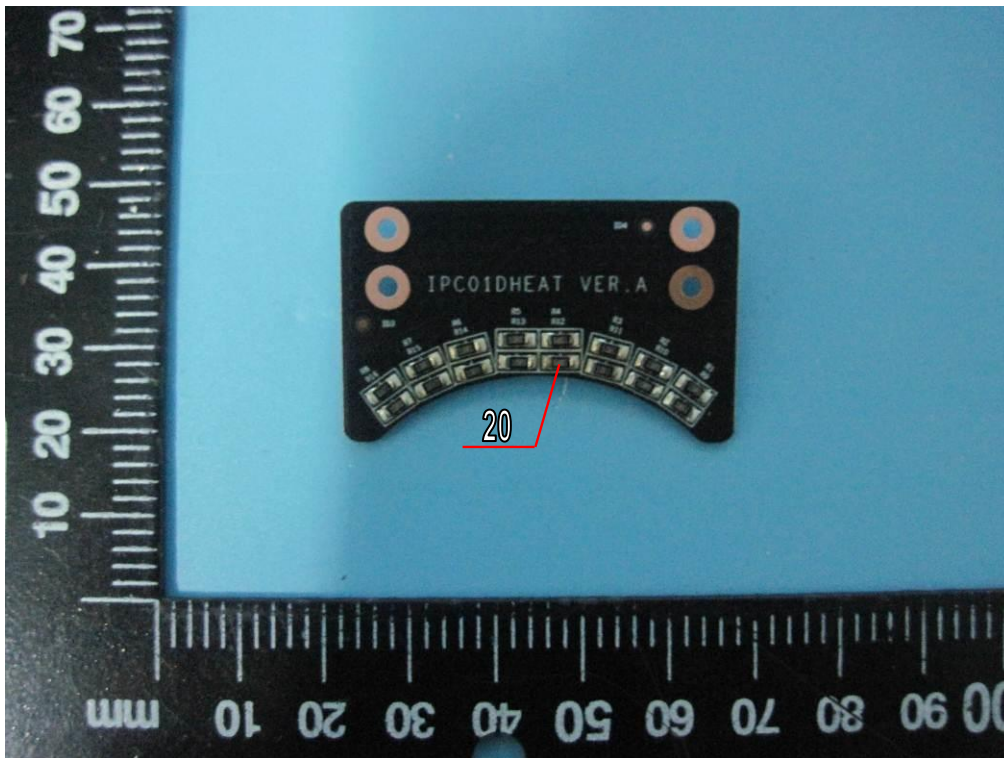
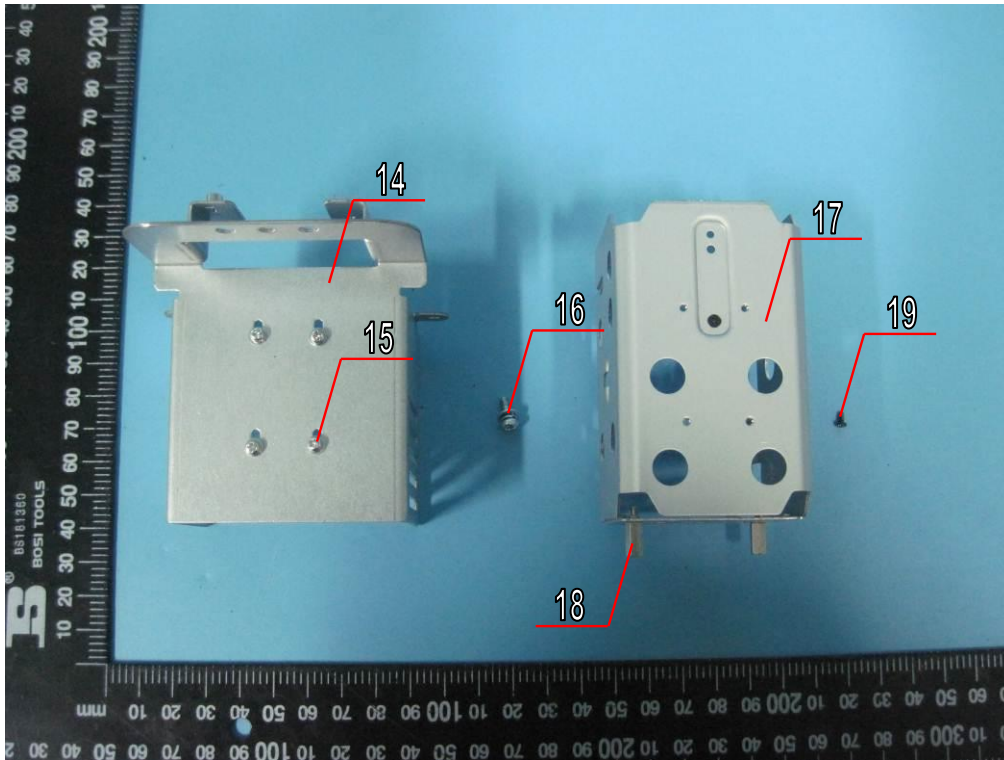
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**Sample Photo(s):**

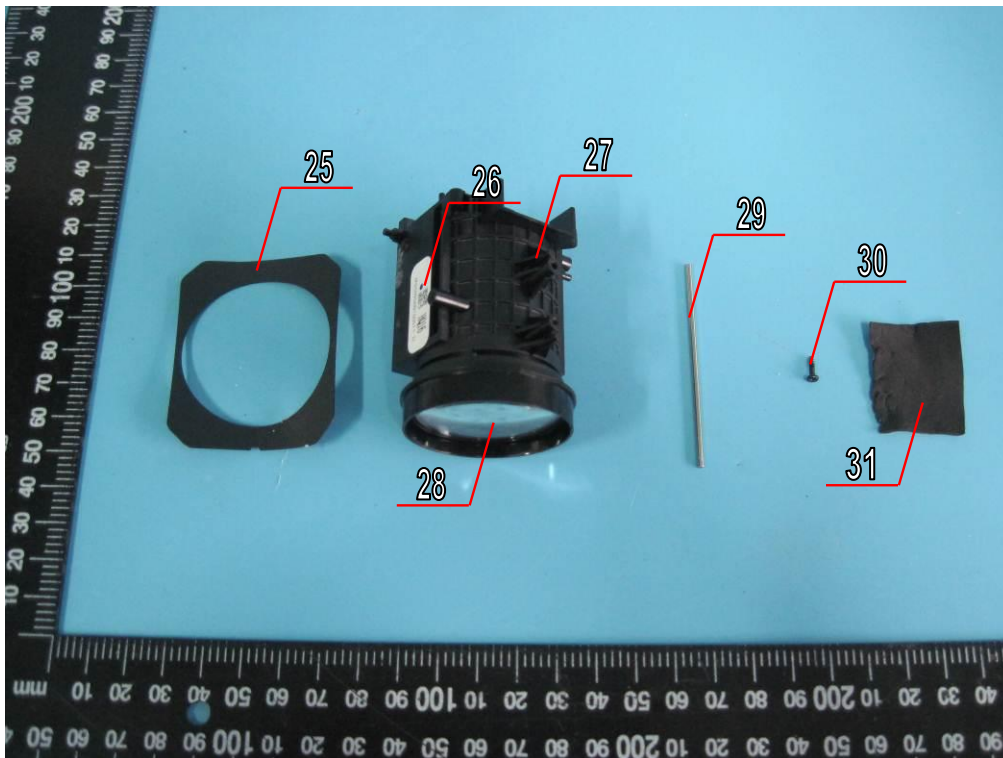
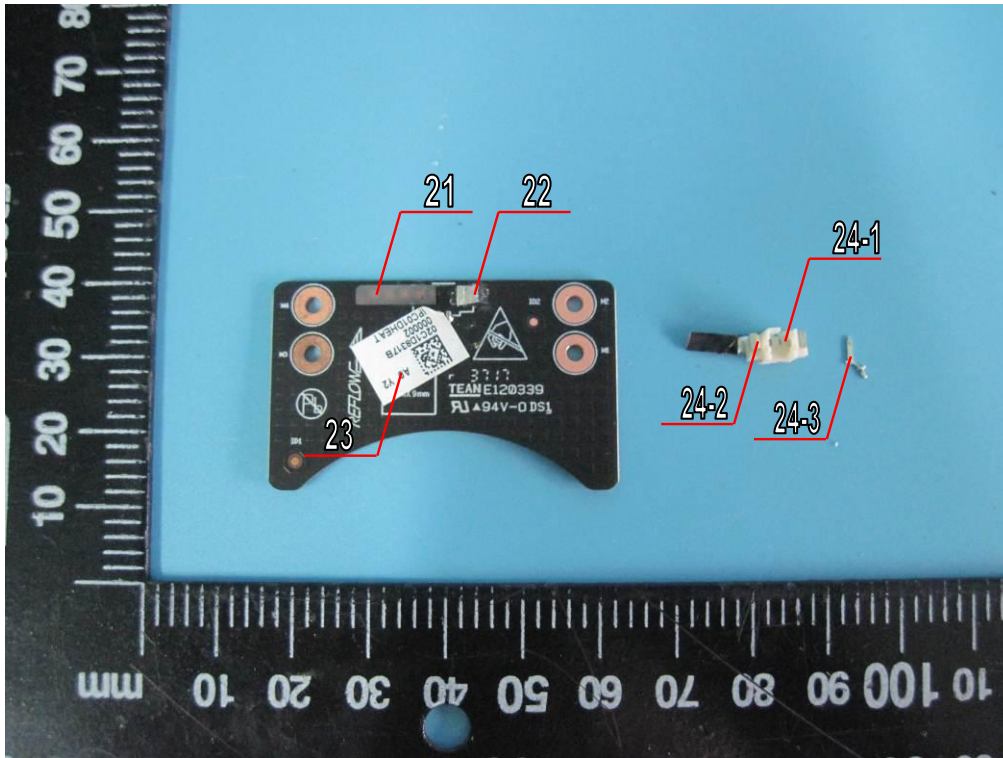


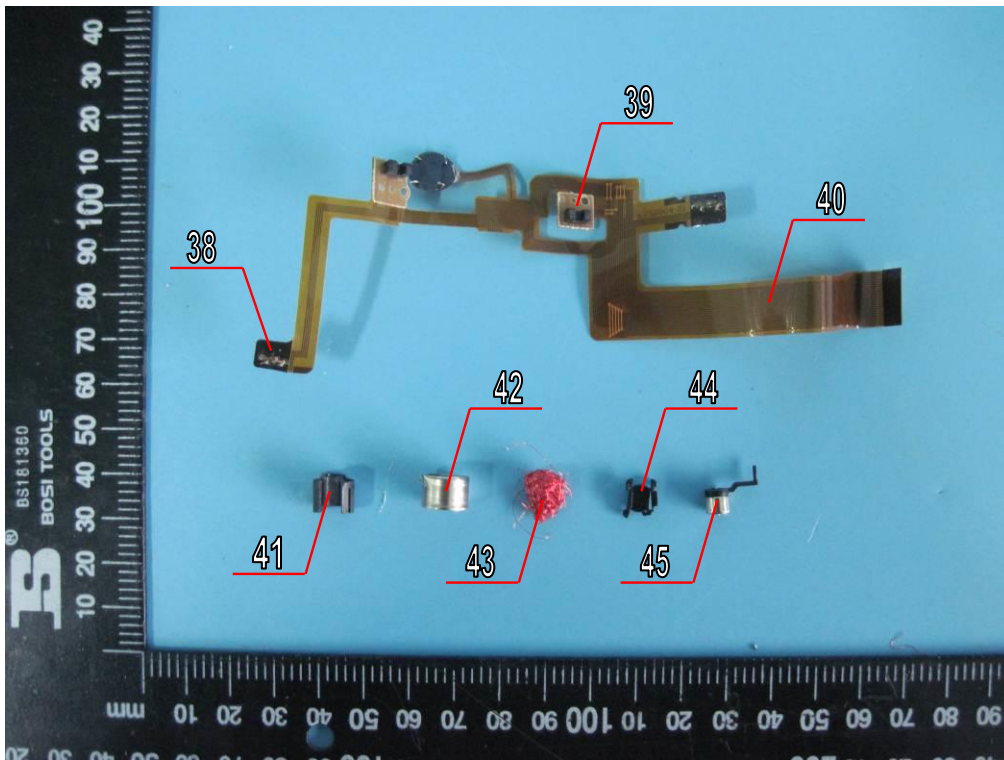
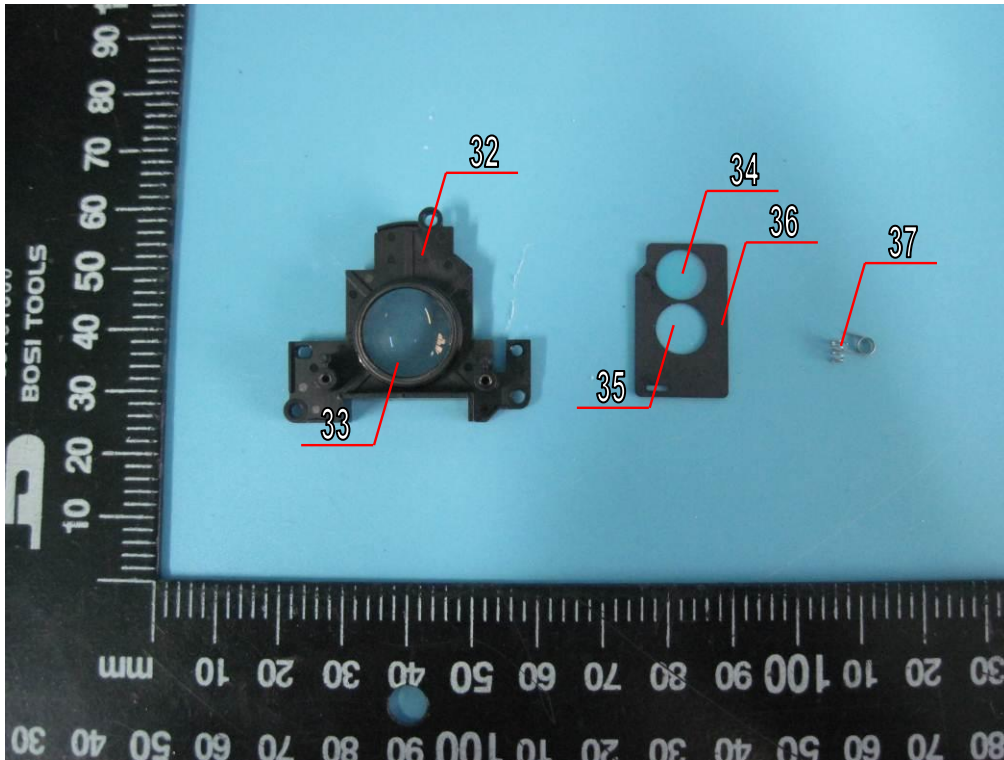
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**Tested Model: IPC6322SR-X22P-C**

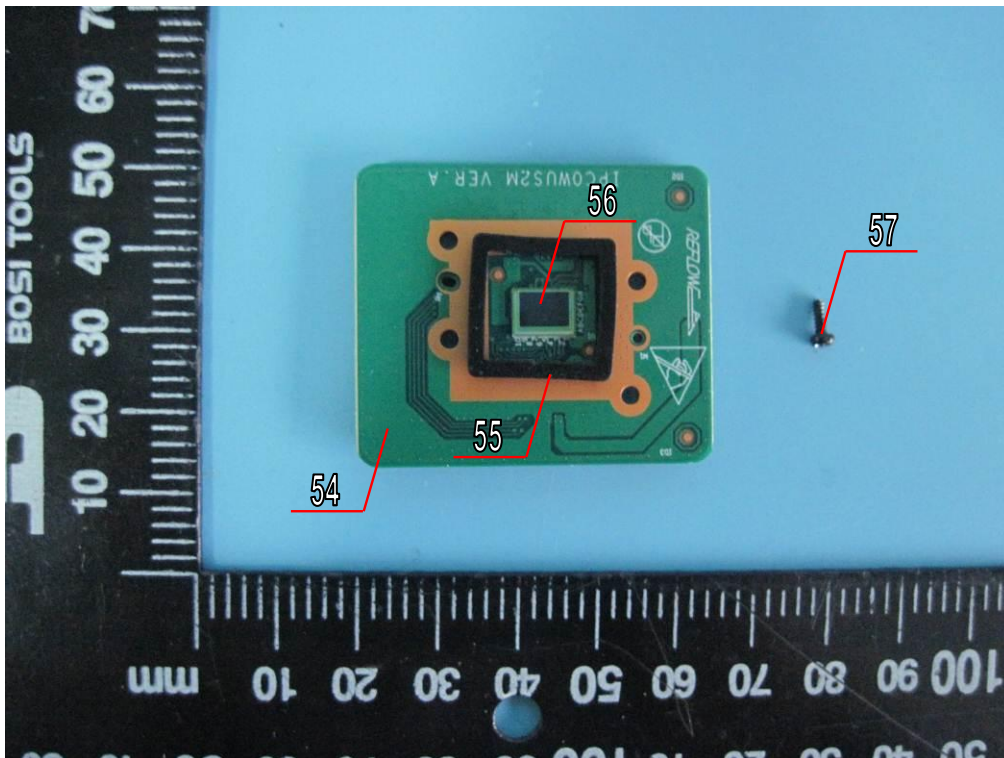
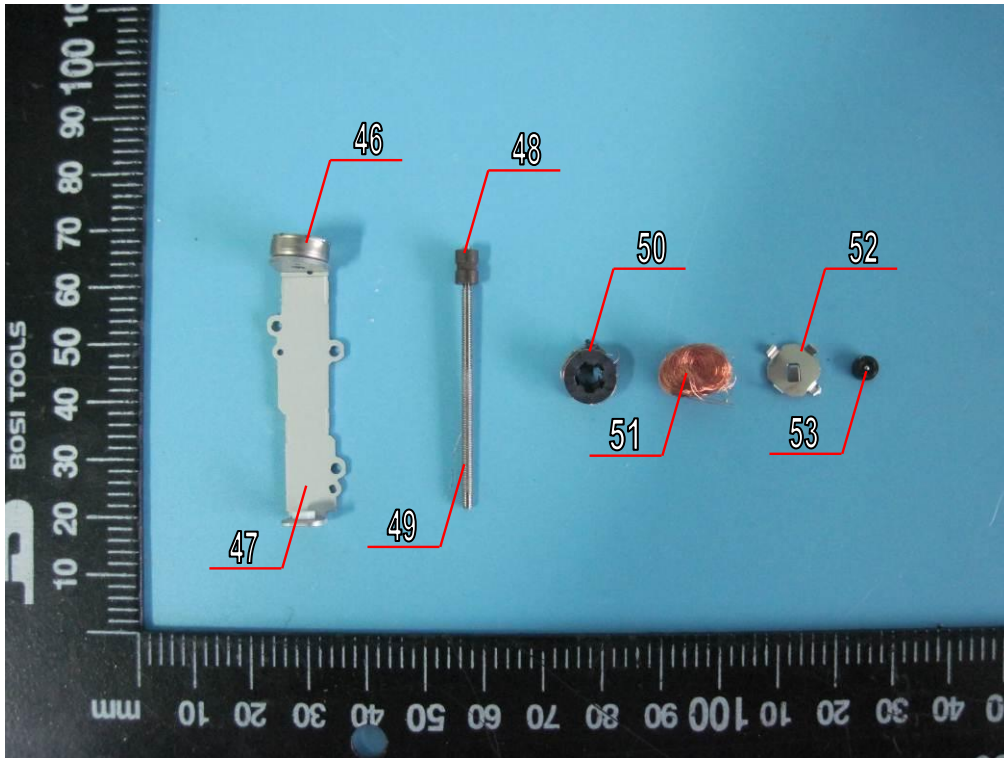


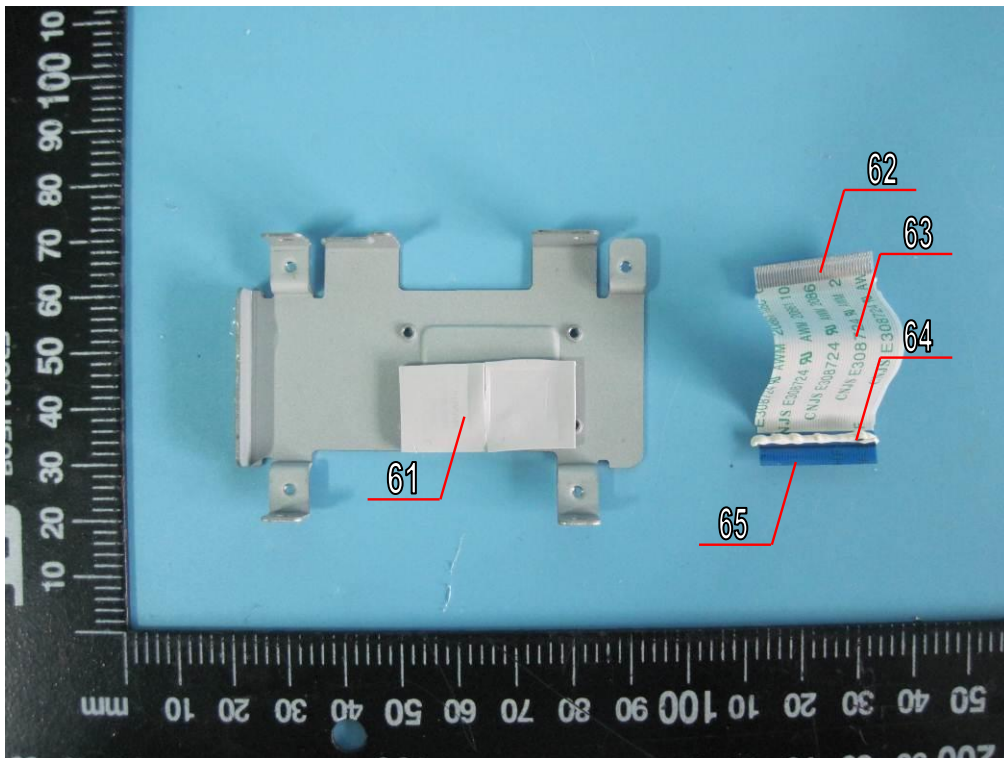
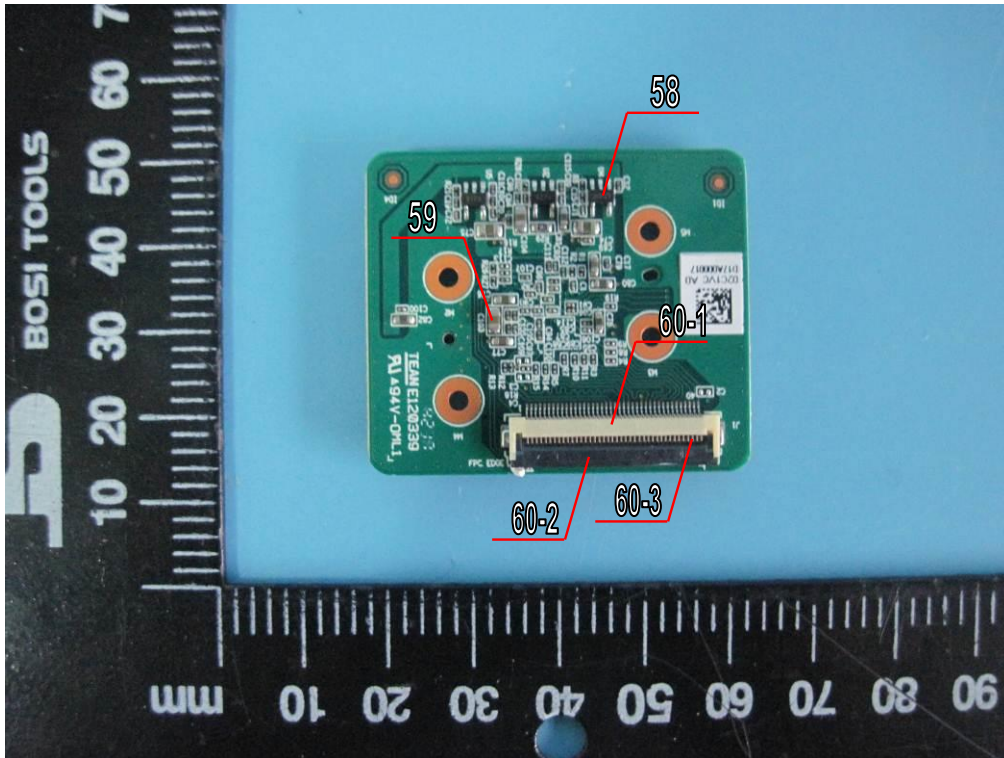


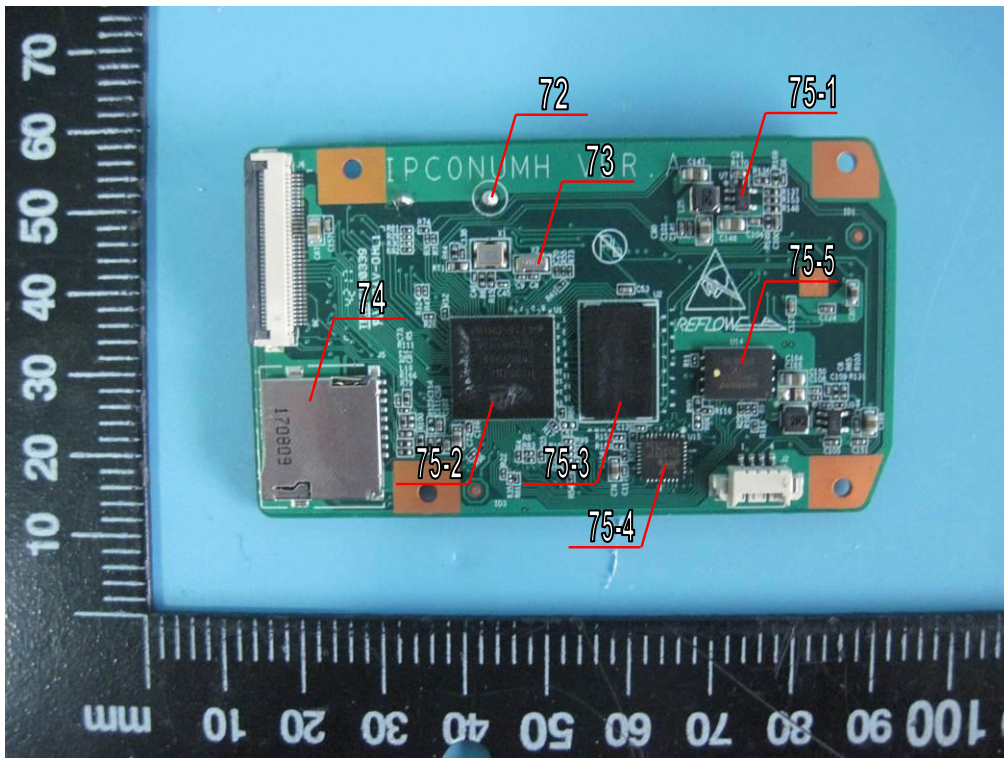
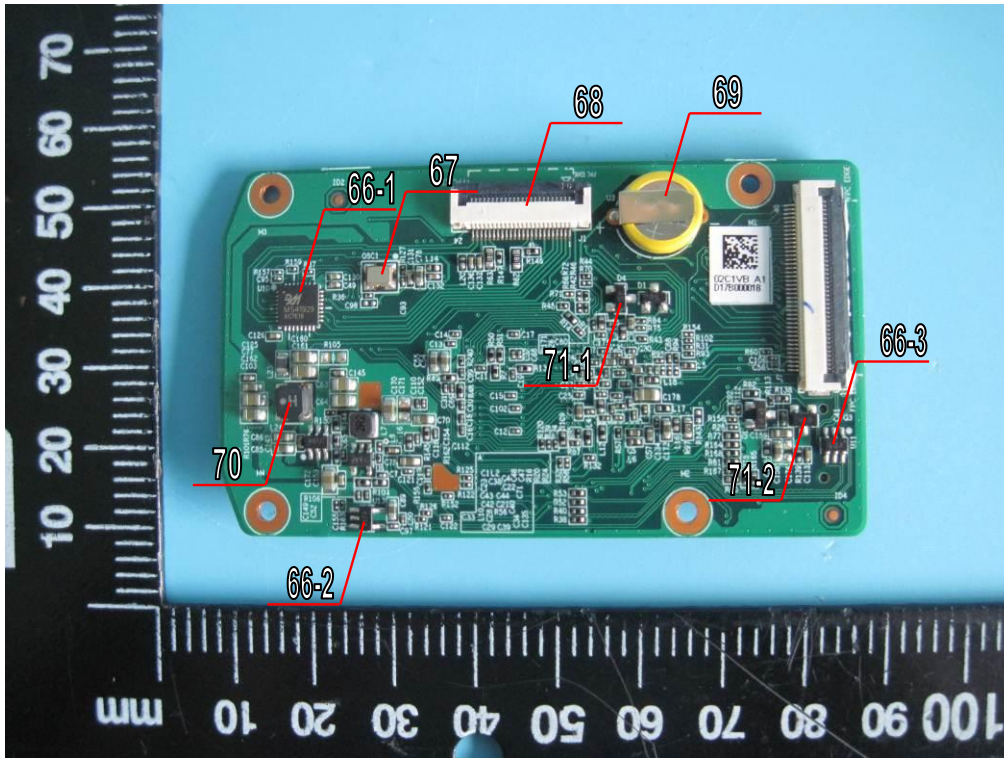


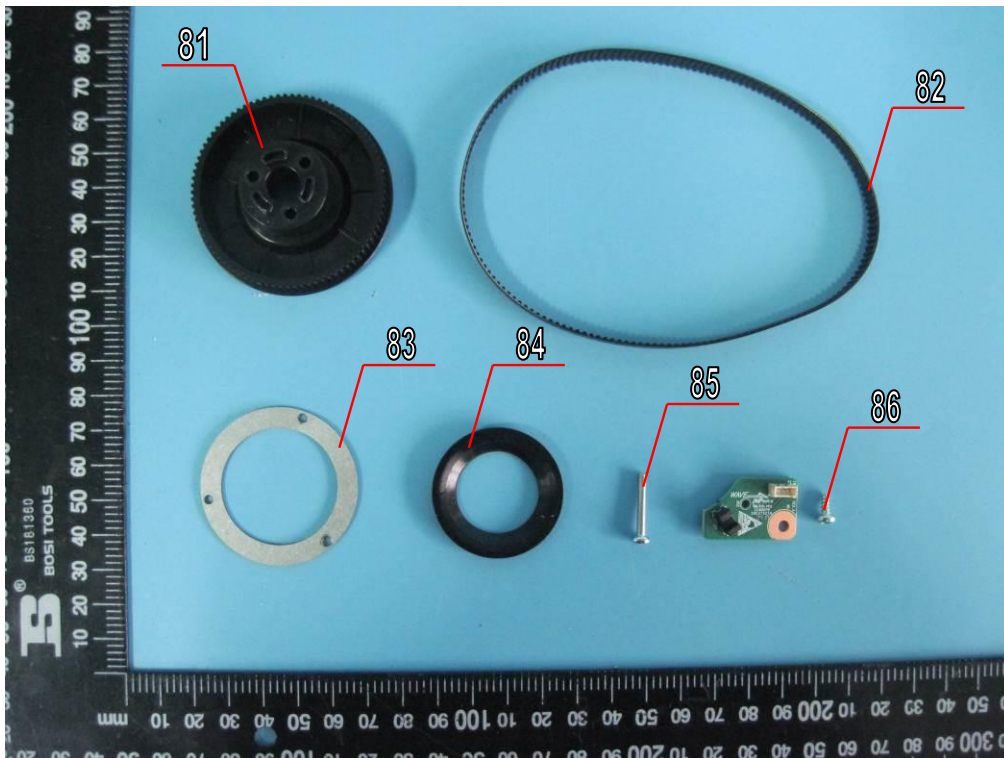
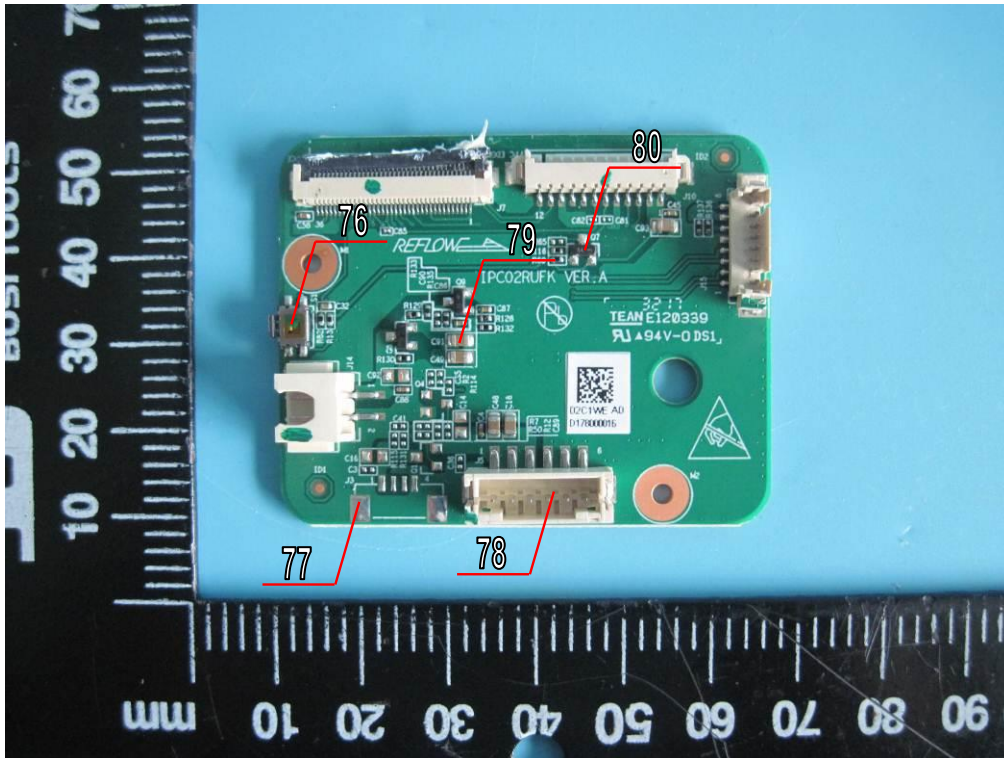


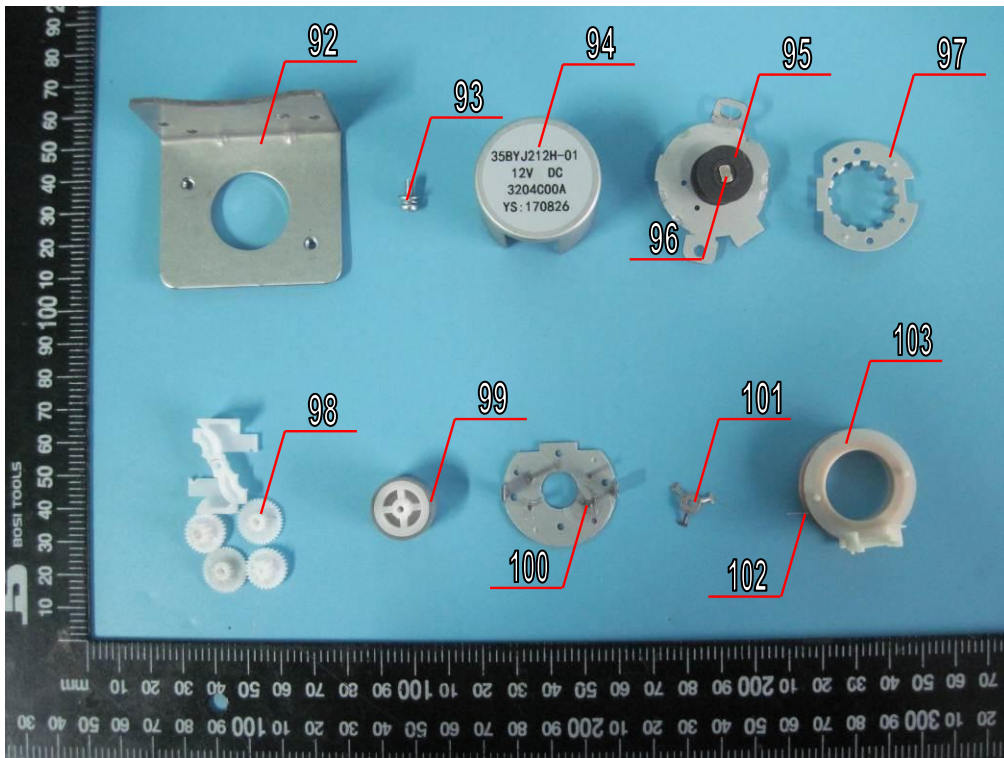
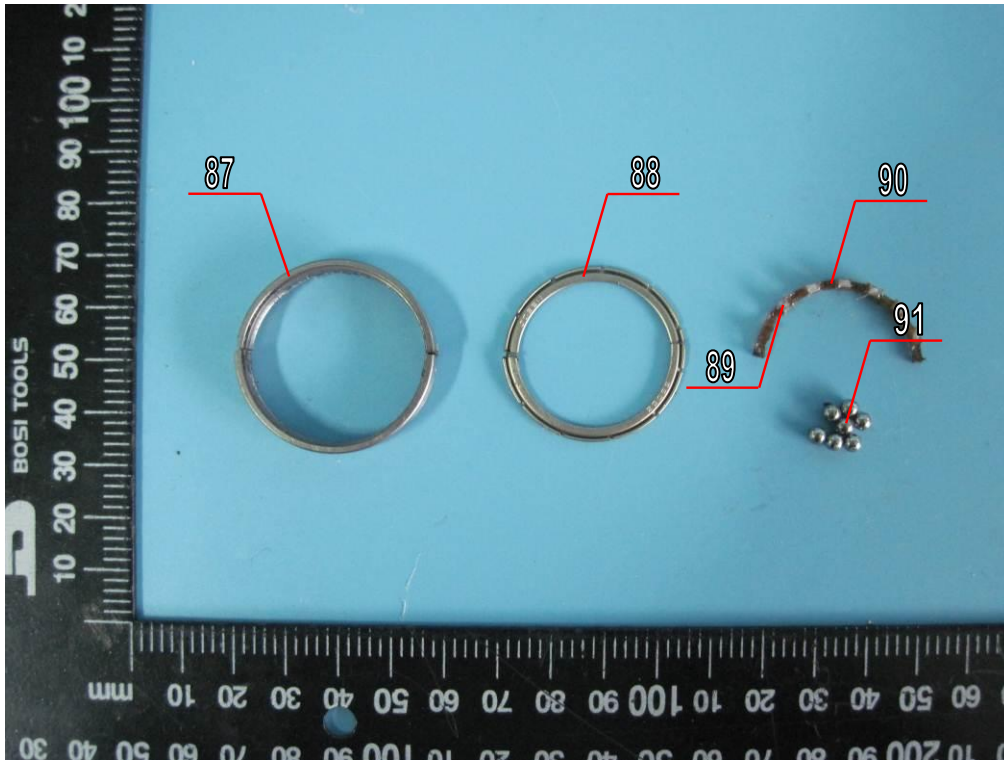


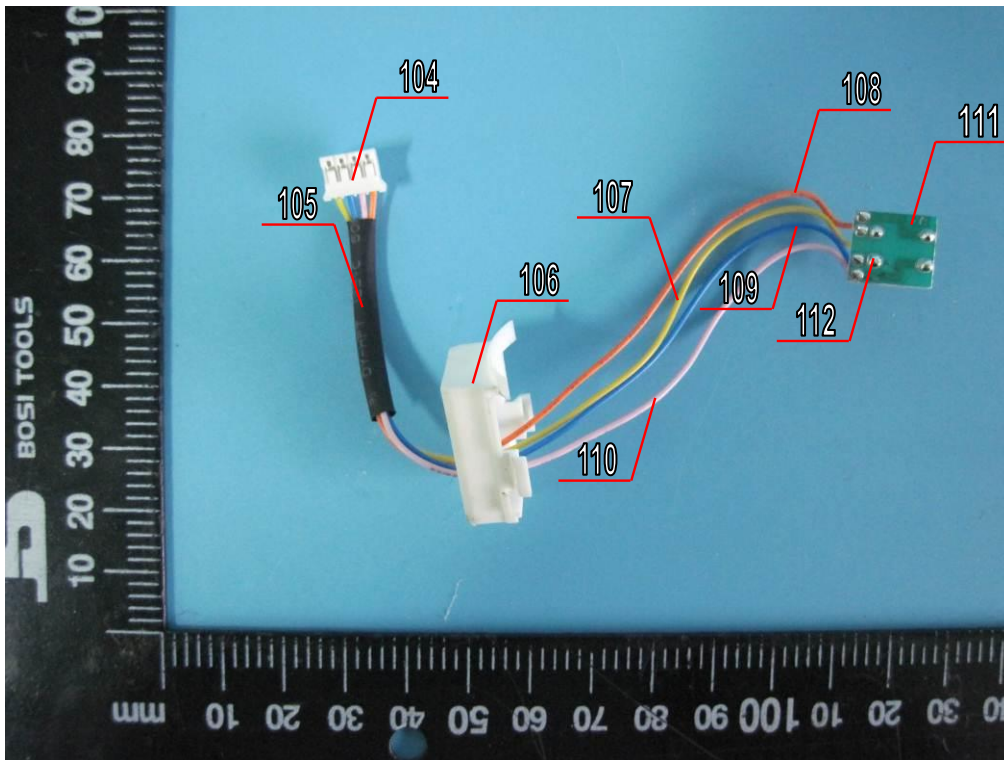




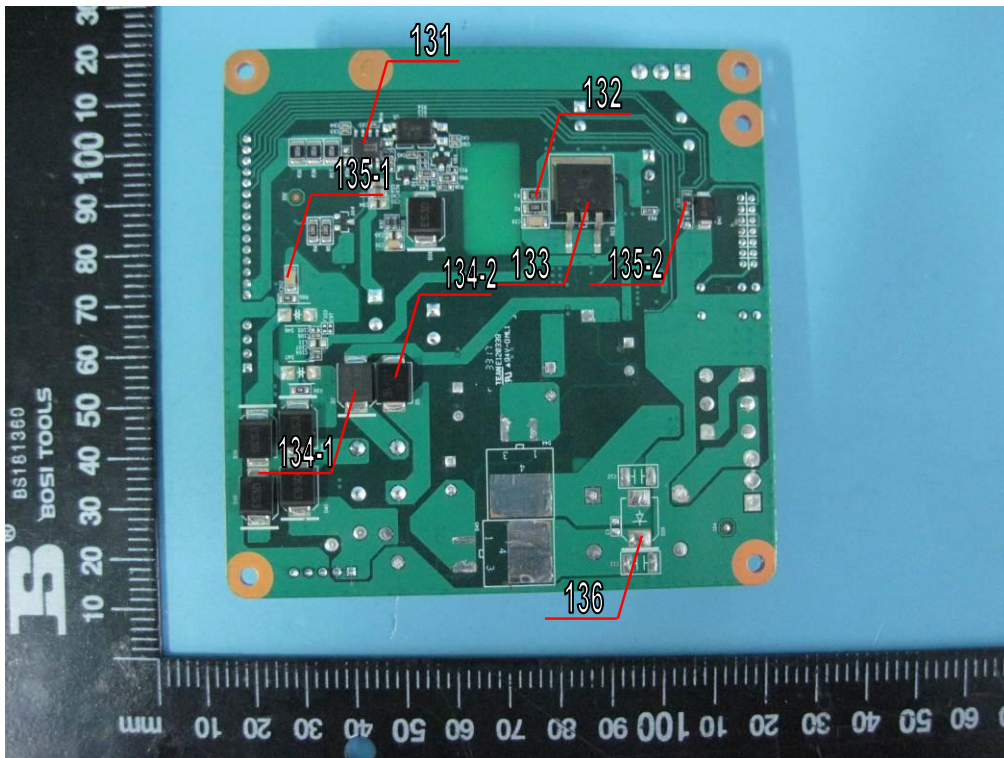
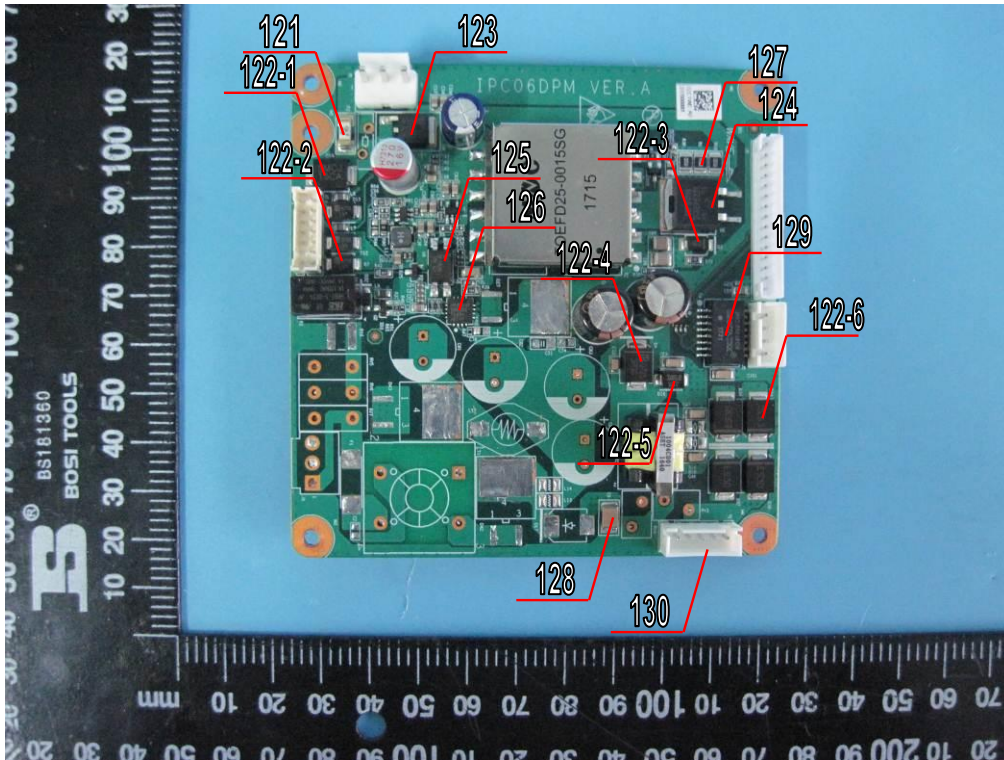


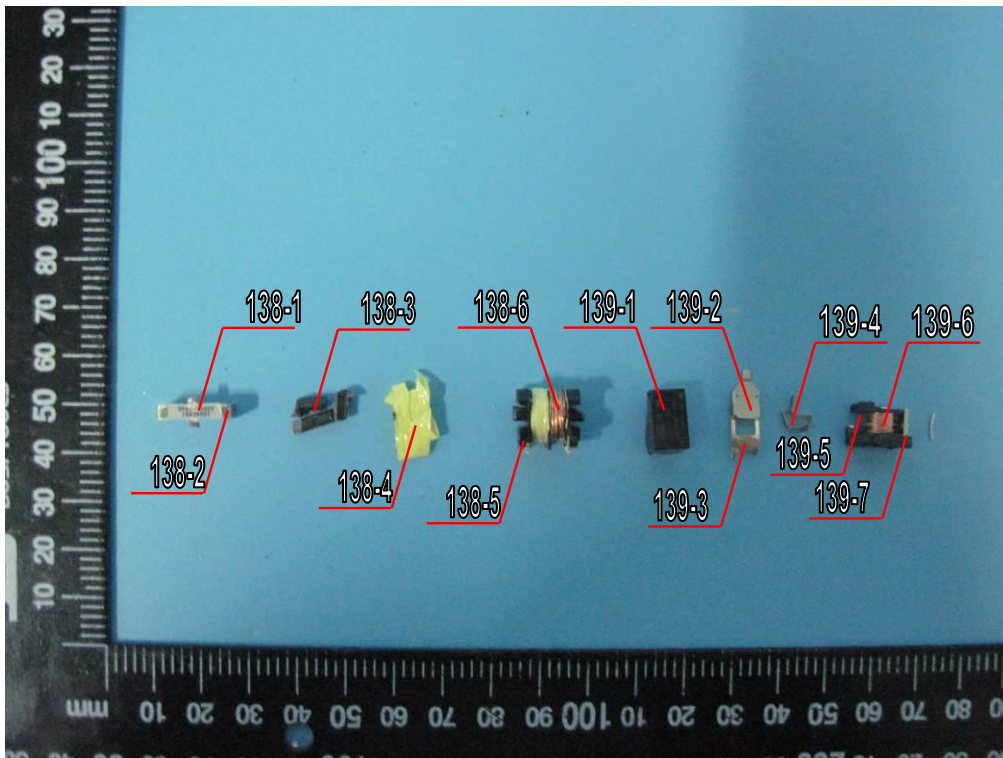
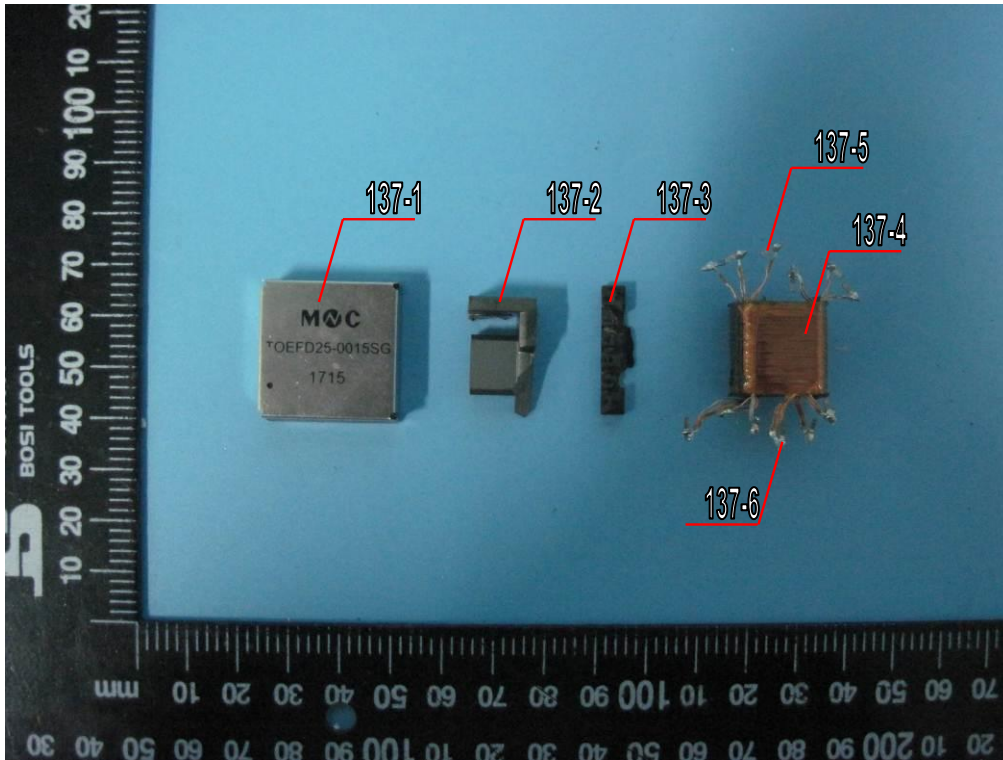


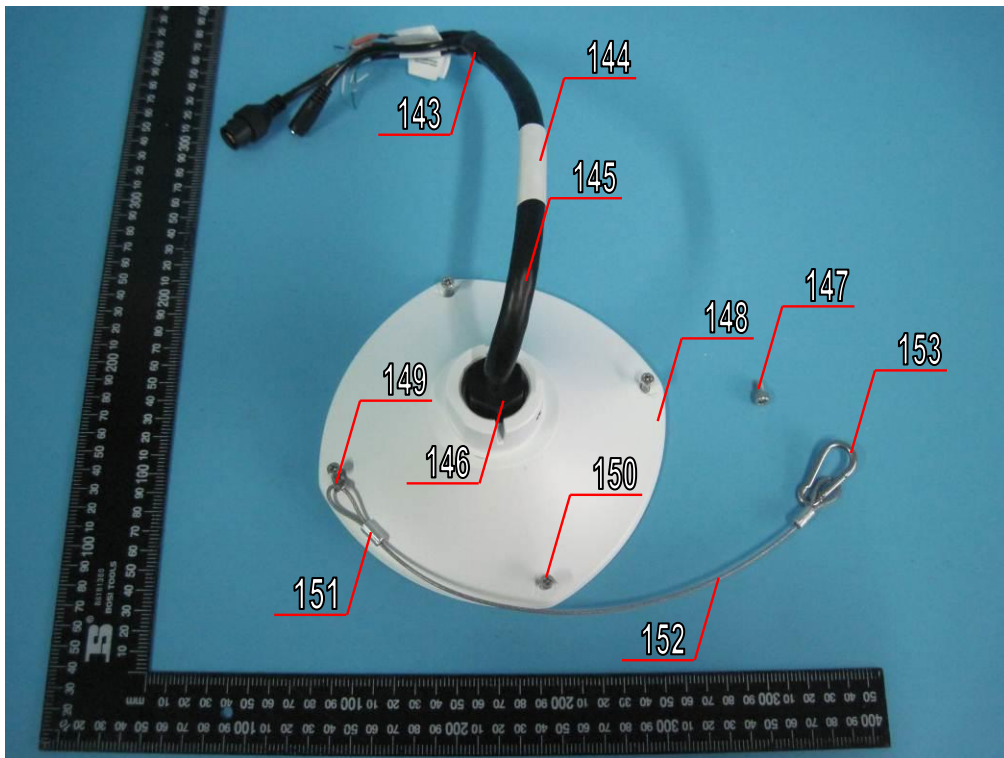


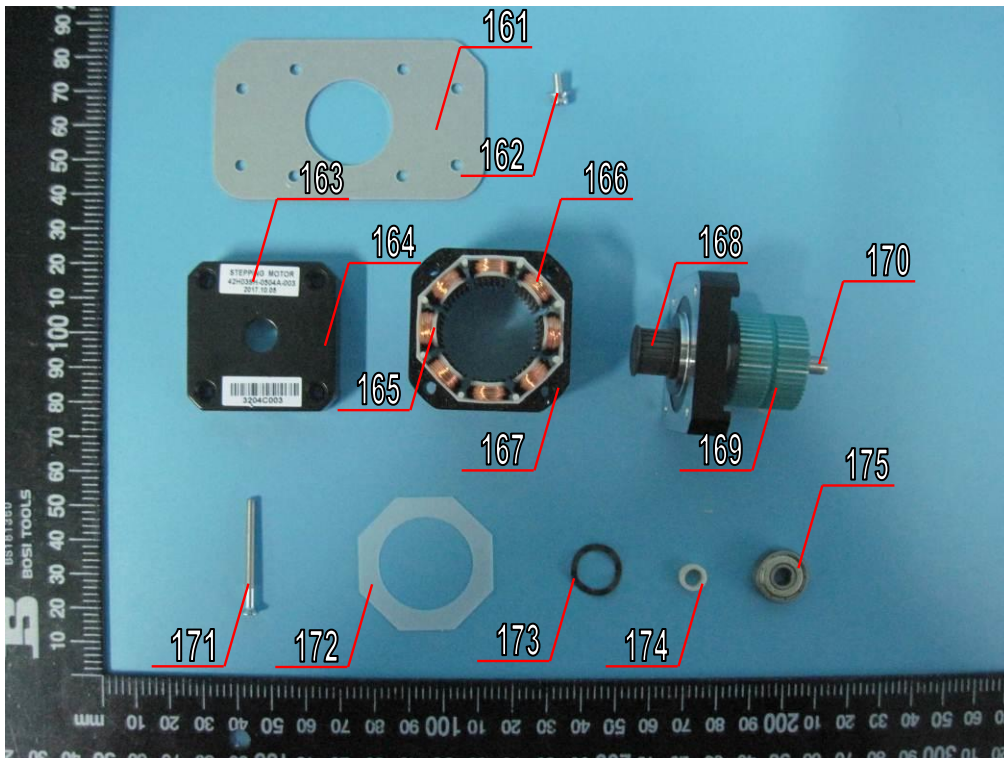
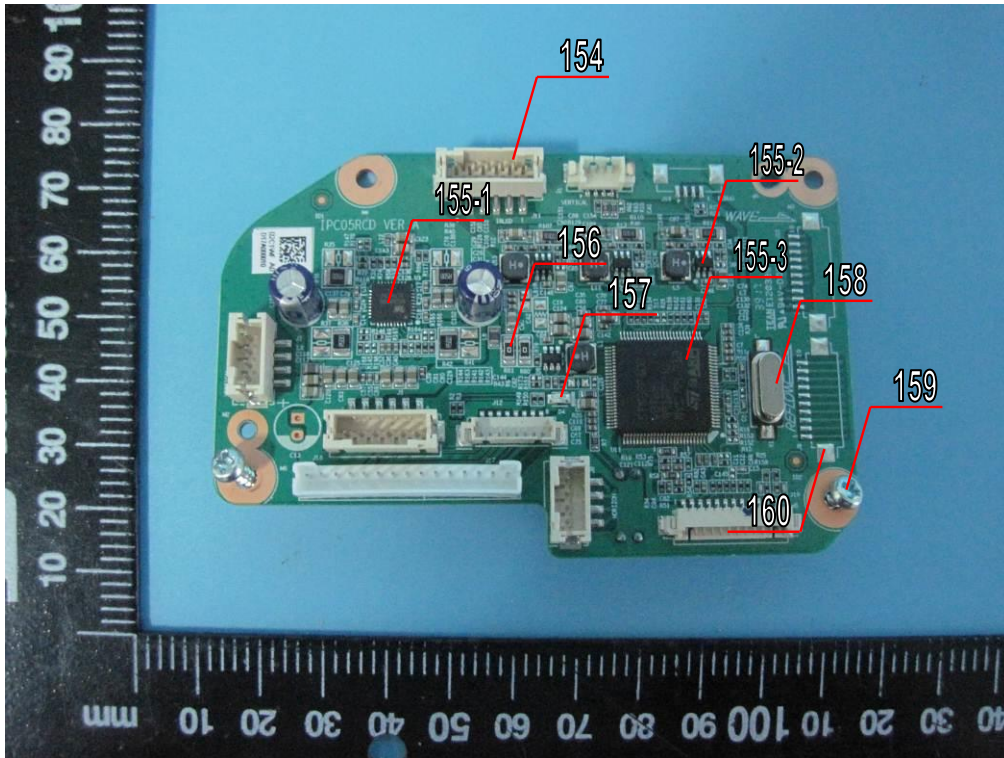


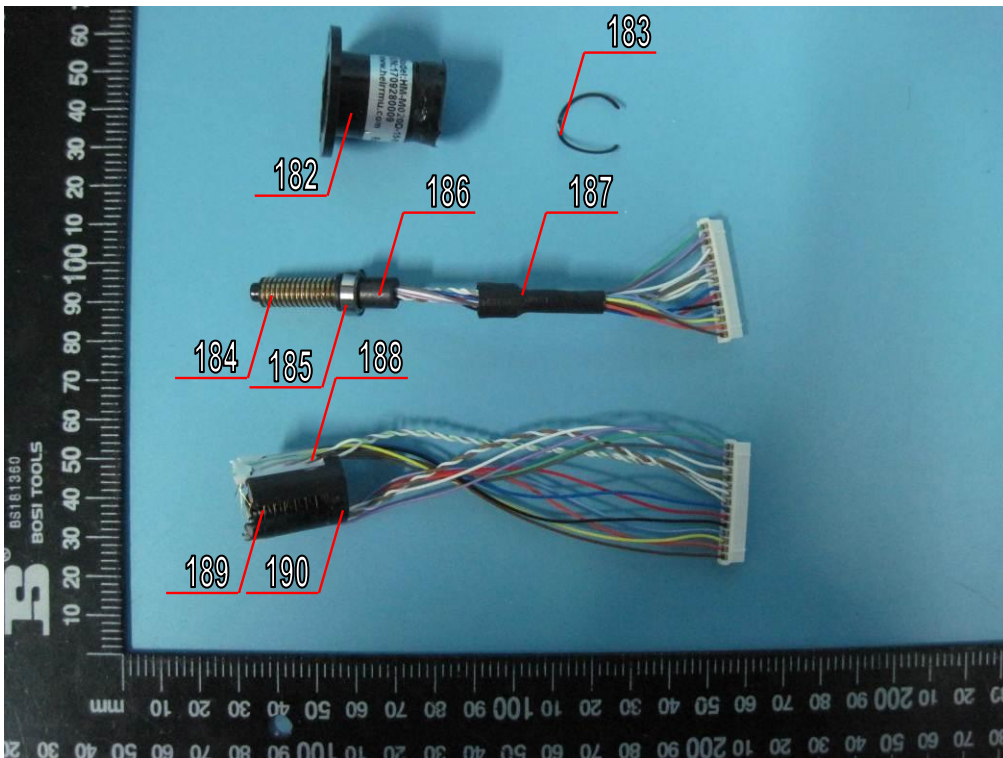
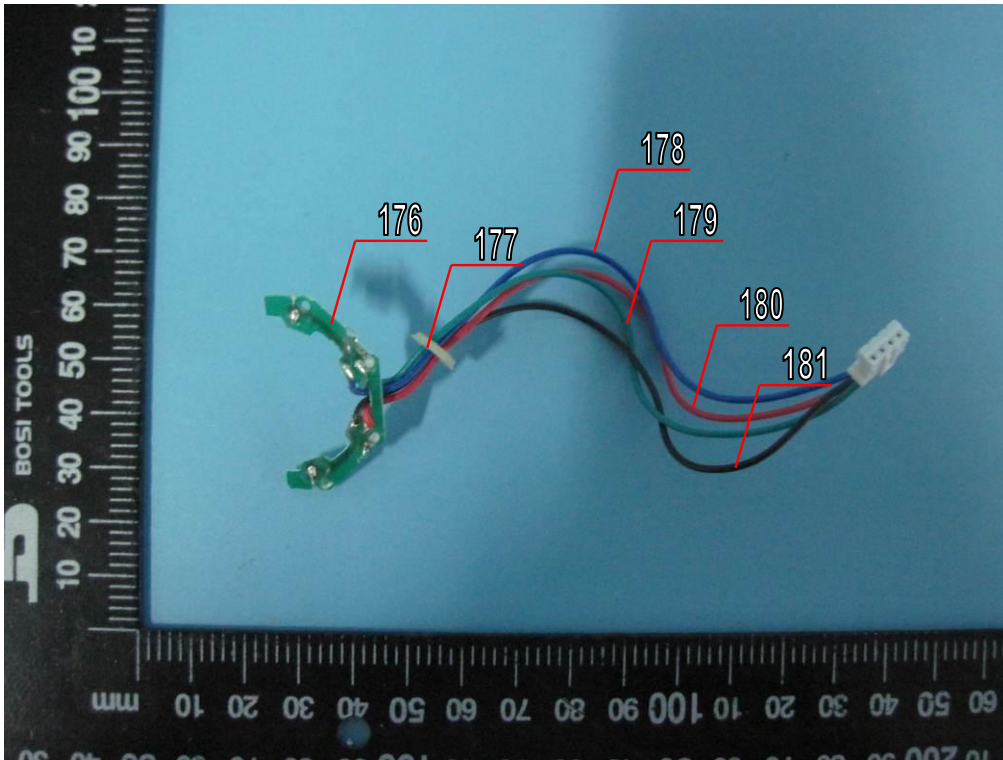


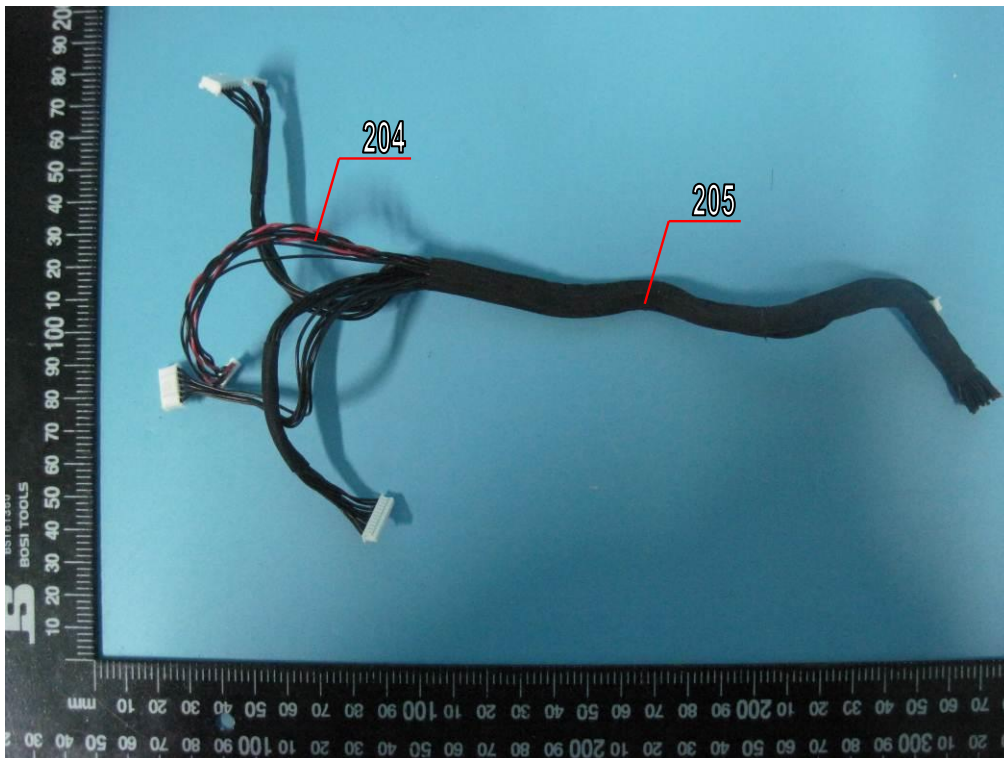
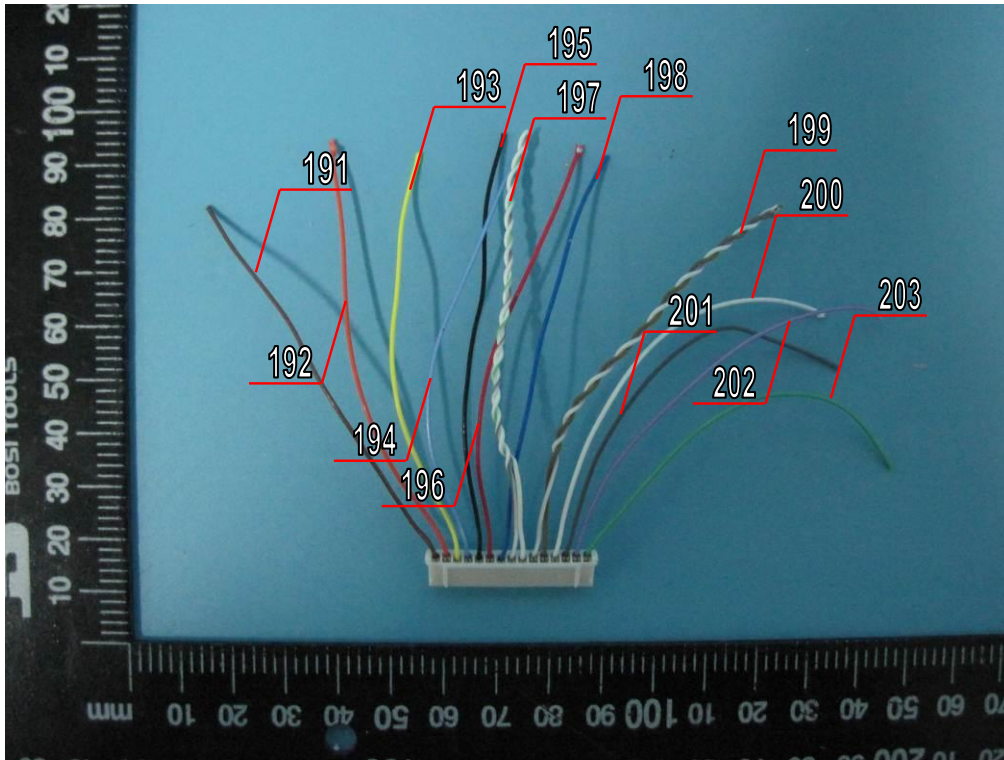


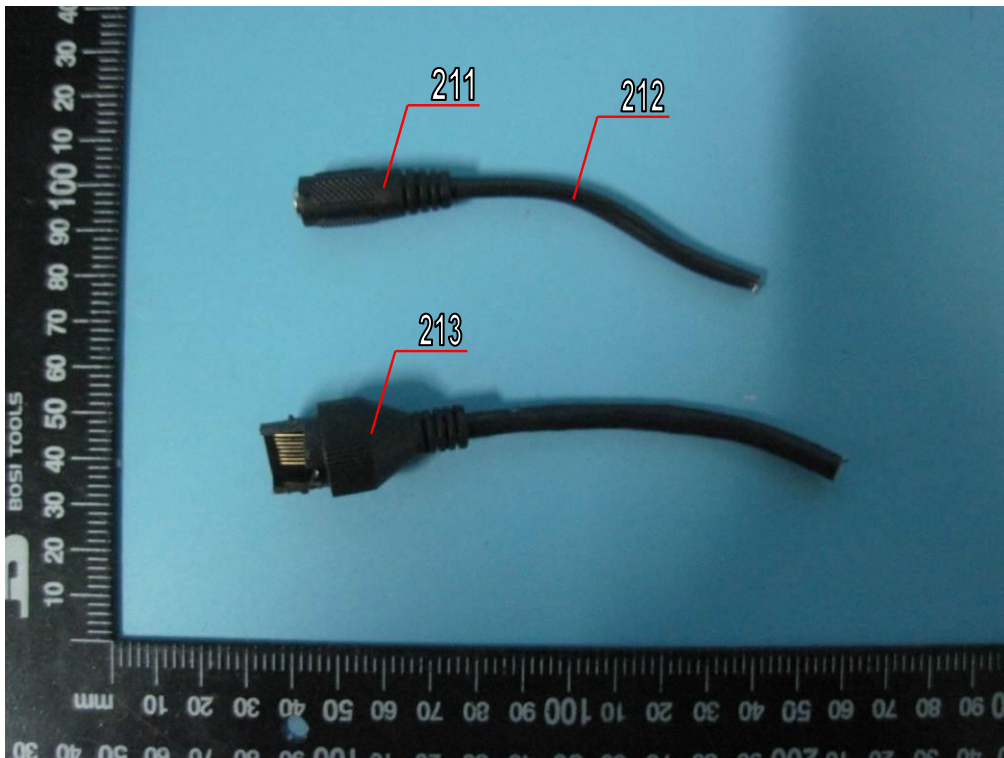
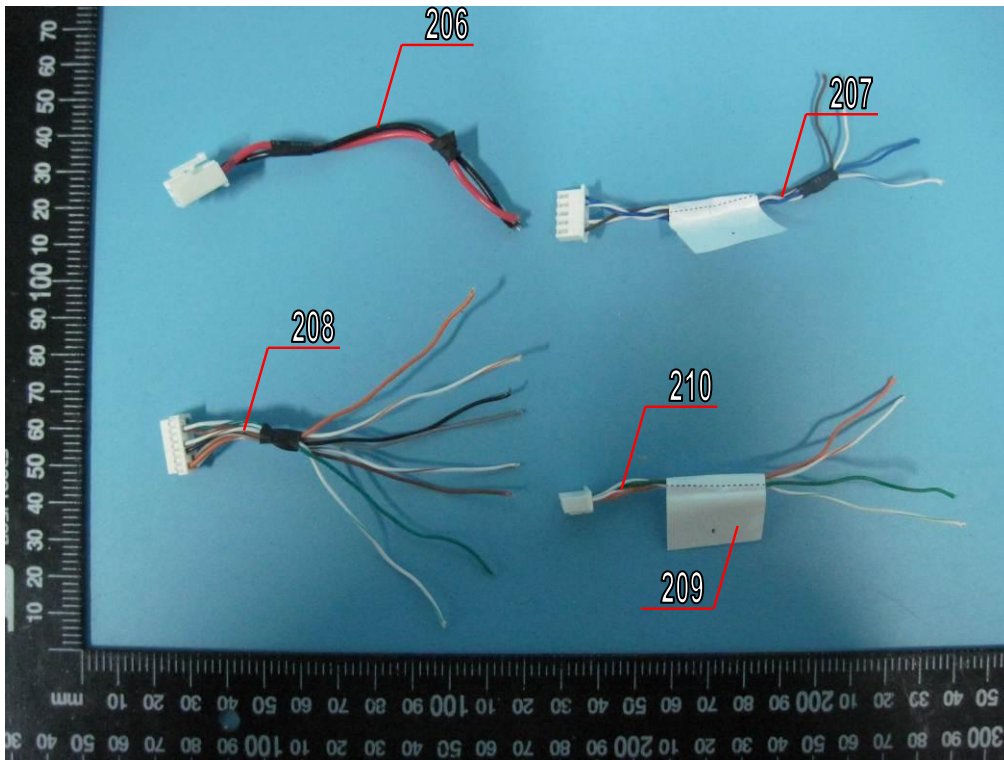


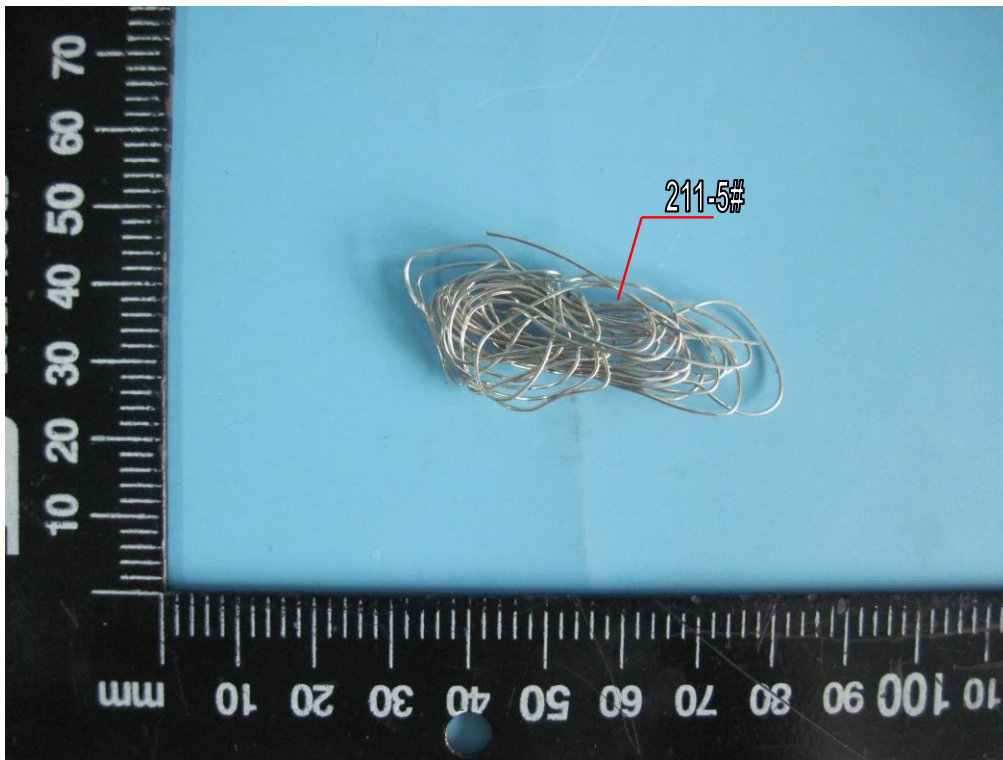












\*\*\*End of Report\*\*\*