TEST REPORT

Applicant: Namirial SPA
Address: Via Caduti sul Lavoro n.4, 60019 Senigallia, ITALY

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample name: LCD Tablet
Model: NT10022
Client Ref. Info.: NT10021

Sample No.: S2607220335-1#
Sample Received Date: 2026-07-22
Testing Period: 2026-07-22~2026-07-29

Test Requirement:	**Conclusion**
As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)contents in the submitted sample(s) in accordance with RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.	Pass

Test Result(s): Please refer to the following page(s);

Test Method: Please refer to the following page(s);

Compiled by: Amy Liu Reviewed by: DENG.deng

Approved by: Amy Li Date: 2026-08-26

Sample Description:

No.	Part name	Sample description
001	Shell	Black plastic(shell,NT10022)
002		Golden metal nut(shell,NT10022)
003		Silver gray adhesive fabric(shell,NT10022)
004		Black tape(shell,NT10022)
005		Black coating(bracket,NT10022)
006		Metal base material(bracket,NT10022)
007		black metal shaft(bracket,NT10022)
008		Black plastic(bracket,NT10022)
009		Black metal screw(bracket,NT10022)
010		Black metal(screw（large）,NT10022)
011		Black metal(Screws (middle),NT10022)
012		Silver metal(screw（small）,NT10022)
013		Black rubber with glue(mat,NT10022)
014	Display	Black coating(main Body,NT10022)
015		Transparent glass(main Body,NT10022)
016		Black adhesive tape(main Body,NT10022)
017		gray transparent plastic sheet(main Body,NT10022)
018		LCD screen(main Body,NT10022)
019		Blue colloid(main Body,NT10022)
020		Green FPC(FPC（large）,NT10022)
021		Aluminum foil tape(FPC（large）,NT10022)
022		Yellow FPC(FPC (medium),NT10022)
023		Silver metal base plate(FPC (medium),NT10022)
024		Transparent yellow adhesive tape(FPC (medium),NT10022)
025		SMD crystal(FPC (medium),NT10022)
026		SMD chip(FPC (medium),NT10022)
027		SMD LED(FPC (medium),NT10022)
028		Black/white plastic(interface,NT10022)
029		Metal pin(interface,NT10022)
030		Brown FPC(FPC（small）,NT10022)
031		Black plastic sheet(FPC（small）,NT10022)
032		Green PCB with patch(PCB,NT10022)
033		Black plastic(black/white interface,NT10022)
034		Metal pin(black/white interface,NT10022)
035		White plastic base(black/white interface,NT10022)

No.	Part name	Sample description
036	Display	SMD diode(SMD,NT10022)
037		SMD inductance(SMD,NT10022)
038		Tin solder(PCB,NT10022)
039		Bright white plastic sheet(plate,NT10022)
040		Black plastic frame(plate,NT10022)
041		Silver metal shell(plate,NT10022)
042		White plastic sheet(plate,NT10022)
043		White translucent plastic sheet(plate,NT10022)
044		Silver plastic sheet(plate,NT10022)
045		Silver frosted plastic sheet(plate,NT10022)
046		Transparent plastic plate(plate,NT10022)
047	PCB（large）	Black plastic sheet with glue(PCB,NT10022)
048		Black sponge(PCB,NT10022)
049		Black foam with glue(PCB,NT10022)
050		Green PCB with patch(PCB,NT10022)
051		Beige plastic(beige interface,NT10022)
052		Metal pin(beige interface,NT10022)
053		Black plastic(black/beige interface,NT10022)
054		Metal pin(black/beige interface,NT10022)
055		Beige plastic base(black/beige interface,NT10022)
056		Magnet core(inductor,NT10022)
057		Metal coil(inductor,NT10022)
058		Silver metal shell(type-c interface,NT10022)
059		Black plastic(type-c interface,NT10022)
060		Metal pin(type-c interface,NT10022)
061		SMD chip 1(SMD,NT10022)
062		SMD crystal(SMD,NT10022)
063		SMD chip 2(SMD,NT10022)
064		SMD diode(SMD,NT10022)
065		SMD audion(SMD,NT10022)
066		Tin solder(PCB,NT10022)
067	PCB (Middle)	Green PCB with patch(PCB,NT10022)
068		Beige/gray plastic(beige/gray interface,NT10022)
069		SMD chip(SMD,NT10022)
070		Tin solder(PCB,NT10022)
071	PCB（small）	Green PCB with patch(PCB,NT10022)

No.	Part name	Sample description
072	PCB（small）	Tin solder(PCB,NT10022)
073	Line row	White plastic leather with silk screen printing (main Body,NT10022)
074		metal wire core of wire(main Body,NT10022)
075		Blue plastic sheet(main Body,NT10022)
076	Data line(large)	Black encapsulation(USB interface,NT10022)
077		Silver metal shell(USB interface,NT10022)
078		copper foil tape(USB interface,NT10022)
079		White plastic(USB interface,NT10022)
080		Metal pin(USB interface,NT10022)
081		Black colloid(USB interface,NT10022)
082		Tin solder(USB interface,NT10022)
083		Silver metal shell(type-c interface,NT10022)
084		Black plastic(type-c interface,NT10022)
085		Metal pin(type-c interface,NT10022)
086		Green PCB(type-c interface,NT10022)
087		Tin solder(type-c interface,NT10022)
088		Magnet core(split thread,NT10022)
089		Black exterior wire jacket(wiring harness,NT10022)
090		Silver/blue aluminum foil(wiring harness,NT10022)
091		Silver metal wire(wiring harness,NT10022)
092		Black wire jacket(wiring harness,NT10022)
093		White wire jacket(wiring harness,NT10022)
094		Green wire jacket(wiring harness,NT10022)
095		Red wire jacket(wiring harness,NT10022)
096		metal wire core of wire(wiring harness,NT10022)
097	Data line(small)	Black encapsulation(type-c interface,NT10022)
098		Silver metal shell(type-c interface,NT10022)
099		Black plastic(type-c interface,NT10022)
100		Metal pin(type-c interface,NT10022)
101		Translucent colloid(type-c interface,NT10022)
102		Green PCB(type-c interface,NT10022)
103		Tin solder(type-c interface,NT10022)
104		Black exterior wire jacket(wiring harness,NT10022)
105		Silver metal wire(wiring harness,NT10022)
106		Silver aluminum foil(wiring harness,NT10022)

No.	Part name	Sample description
107	Data line(small)	Yellow wire jacket(wiring harness,NT10022)
108		Green wire jacket(wiring harness,NT10022)
109		White wire jacket(wiring harness,NT10022)
110		Black wire jacket(wiring harness,NT10022)
111		Red wire jacket(wiring harness,NT10022)
112	Adapter	Black plastic(European plug,NT10022)
113		Metal pin(European plug,NT10022)
114		Beige green PCB with SMD(PCB,NT10022)
115		Black plastic sheet(PCB,NT10022)
116		White colloid(PCB,NT10022)
117		Silver metal sheet(PCB,NT10022)
118		Silver metal shell(USB interface,NT10022)
119		Black plastic(USB interface,NT10022)
120		Metal pin(USB interface,NT10022)
121		Blue body(Y capacitor,NT10022)
122		Green body(color ring inductance(small),NT10022)
123		Metal pin(color ring inductance(small),NT10022)
124		Black casing tube(color ring inductance(large),NT10022)
125		Gray body(color ring inductance(large),NT10022)
126		Black/white plastic cover(electrolytic capacitor(large),NT10022)
127		Aluminum shell(electrolytic capacitor(large),NT10022)
128		Electrolytic paper(electrolytic capacitor(large),NT10022)
129		Anode foil(electrolytic capacitor(large),NT10022)
130		Cathode foil(electrolytic capacitor(large),NT10022)
131		Black rubber pad(electrolytic capacitor(large),NT10022)
132		Metal pin(electrolytic capacitor(large),NT10022)
133		Green/yellow plastic sheet(electrolytic capacitor (middle),NT10022)
134		Rubber pad(electrolytic capacitor(middle),NT10022)
135		Yellow adhesive tape(transformer,NT10022)
136		Magnet core(transformer,NT10022)
137		Black plastic frame(transformer,NT10022)
138		Cupreous metal coil(transformer,NT10022)
139		Yellow enameled wire(transformer,NT10022)
140		Rubber pad(electrolytic capacitor(small),NT10022)
141		SMD resistor(SMD,NT10022)

No.	Part name	Sample description
142	Adapter	SMD chip(SMD,NT10022)
143		bridge rectifier(SMD,NT10022)
144		Tin solder(PCB,NT10022)
145	Fitting	Silver metal(screwdriver,NT10022)
146		Black plastic(screwdriver,NT10022)
147		Silver metal(clip,NT10022)
148		Black plastic(pen tip,NT10022)
149		Black plastic shell(pen,NT10022)
150		White colloid(pen,NT10022)
151		Gray plastic bracket(pen,NT10022)
152		Cupreous metal wire with fibers(pen,NT10022)
153		Silver metal spring(pen,NT10022)
154		Gray rubber stopper(pen,NT10022)
155		Magnet core(pen,NT10022)
156		Cupreous metal sheet(pen,NT10022)
157		Green PCB with patch(PCB,NT10022)
158		Tin solder(PCB,NT10022)
159		Black elastic rope(lanyard,NT10022)
160		Black plastic(lanyard,NT10022)
161		Black braided rope(lanyard,NT10022)
162	Shell	Silver background black text label(shell,NT10022)
163	Display	White background black text QR code label(PCB,NT10022)
164		White background black text QR code label(plate,NT10022)
165		Transparent glass with coating(main Body,NT10022)
166		Transparent glass(main Body,NT10021)
167		LCD screen(main Body,NT10021)
168		Transparent glass with coating(main Body,NT10021)
169		Transparent plastic wire(lanyard,NT10022)

Test Result(s):

Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers(PBDEs)

1. XRF Screening Result

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
001	BL	BL	BL	BL	BL	Pass
002	OL	IN	BL	BL	/	IN
003	BL	BL	BL	BL	BL	Pass
004	BL	BL	BL	BL	BL	Pass
005	BL	BL	BL	IN	BL	IN
006	BL	BL	BL	BL	/	Pass
007	BL	BL	BL	IN	/	IN
008	BL	BL	BL	BL	BL	Pass
009	BL	BL	BL	IN	/	IN
010	BL	BL	BL	IN	/	IN
011	BL	BL	BL	IN	/	IN
012	BL	BL	BL	IN	/	IN
013	BL	BL	BL	BL	BL	Pass
014	BL	BL	BL	BL	BL	Pass
015	BL	BL	BL	BL	BL	Pass
016	BL	BL	BL	BL	BL	Pass
017	BL	BL	BL	BL	BL	Pass
018	BL	BL	BL	BL	BL	Pass
019	BL	BL	BL	BL	BL	Pass
020	BL	BL	BL	BL	IN	IN
021	BL	BL	BL	BL	BL	Pass
022	BL	BL	BL	BL	BL	Pass
023	BL	BL	BL	IN	/	IN
024	BL	BL	BL	BL	BL	Pass
025	BL	BL	BL	BL	BL	Pass
026	BL	BL	BL	BL	BL	Pass
027	BL	BL	BL	BL	BL	Pass
028	BL	BL	BL	BL	BL	Pass
029	BL	BL	BL	BL	/	Pass
030	BL	BL	BL	BL	BL	Pass
031	BL	BL	BL	BL	BL	Pass
032	BL	BL	BL	BL	BL	Pass
033	BL	BL	BL	BL	BL	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
034	BL	BL	BL	BL	/	Pass
035	BL	BL	BL	BL	BL	Pass
036	OL	BL	BL	BL	BL	IN
037	BL	BL	BL	BL	/	Pass
038	IN	BL	BL	BL	/	IN
039	BL	BL	BL	BL	BL	Pass
040	BL	BL	BL	IN	BL	IN
041	BL	BL	BL	IN	/	IN
042	BL	BL	BL	BL	BL	Pass
043	BL	BL	BL	BL	BL	Pass
044	BL	BL	BL	BL	BL	Pass
045	BL	BL	BL	BL	BL	Pass
046	BL	BL	BL	BL	BL	Pass
047	BL	BL	BL	BL	BL	Pass
048	BL	BL	BL	BL	BL	Pass
049	BL	BL	BL	BL	BL	Pass
050	BL	BL	BL	BL	IN	IN
051	BL	BL	BL	BL	BL	Pass
052	BL	BL	BL	BL	/	Pass
053	BL	BL	BL	BL	BL	Pass
054	BL	BL	BL	BL	/	Pass
055	BL	BL	BL	BL	BL	Pass
056	BL	BL	BL	BL	/	Pass
057	BL	BL	BL	BL	/	Pass
058	BL	BL	BL	IN	/	IN
059	BL	BL	BL	BL	BL	Pass
060	BL	BL	BL	BL	/	Pass
061	BL	BL	BL	BL	BL	Pass
062	BL	BL	BL	BL	BL	Pass
063	BL	BL	BL	BL	BL	Pass
064	OL	BL	BL	BL	BL	IN
065	BL	BL	BL	BL	BL	Pass
066	BL	BL	BL	BL	/	Pass
067	BL	BL	BL	BL	IN	IN
068	BL	BL	BL	BL	BL	Pass
069	BL	BL	BL	BL	BL	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
070	IN	BL	BL	BL	/	IN
071	BL	BL	BL	BL	IN	IN
072	BL	BL	BL	BL	/	Pass
073	BL	BL	BL	BL	IN	IN
074	BL	BL	BL	BL	/	Pass
075	BL	BL	BL	BL	BL	Pass
076	BL	BL	BL	BL	BL	Pass
077	BL	BL	BL	BL	/	Pass
078	BL	BL	BL	BL	BL	Pass
079	BL	BL	BL	BL	IN	IN
080	BL	BL	BL	BL	/	Pass
081	BL	BL	BL	BL	BL	Pass
082	BL	BL	BL	BL	/	Pass
083	BL	BL	BL	IN	/	IN
084	BL	BL	BL	BL	BL	Pass
085	BL	BL	BL	BL	/	Pass
086	BL	BL	BL	BL	BL	Pass
087	BL	BL	BL	BL	/	Pass
088	BL	BL	BL	BL	/	Pass
089	BL	BL	BL	BL	BL	Pass
090	BL	BL	BL	BL	BL	Pass
091	BL	BL	BL	BL	/	Pass
092	BL	BL	BL	BL	BL	Pass
093	BL	BL	BL	BL	BL	Pass
094	BL	BL	BL	BL	BL	Pass
095	BL	BL	BL	BL	BL	Pass
096	BL	BL	BL	BL	/	Pass
097	BL	BL	BL	BL	BL	Pass
098	BL	BL	BL	IN	/	IN
099	BL	BL	BL	BL	BL	Pass
100	BL	BL	BL	BL	/	Pass
101	BL	BL	BL	BL	BL	Pass
102	BL	BL	BL	BL	BL	Pass
103	BL	BL	BL	BL	/	Pass
104	BL	BL	BL	BL	BL	Pass
105	BL	BL	BL	BL	/	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
106	BL	BL	BL	BL	BL	Pass
107	BL	BL	BL	BL	BL	Pass
108	BL	BL	BL	BL	BL	Pass
109	BL	BL	BL	BL	BL	Pass
110	BL	BL	BL	BL	BL	Pass
111	BL	BL	BL	BL	BL	Pass
112	BL	BL	BL	BL	BL	Pass
113	BL	BL	BL	BL	/	Pass
114	BL	BL	BL	BL	IN	IN
115	BL	BL	BL	BL	BL	Pass
116	BL	BL	BL	BL	BL	Pass
117	BL	BL	BL	BL	/	Pass
118	BL	BL	BL	BL	/	Pass
119	BL	BL	BL	BL	BL	Pass
120	BL	BL	BL	BL	/	Pass
121	BL	BL	BL	BL	BL	Pass
122	BL	BL	BL	BL	/	Pass
123	BL	BL	BL	BL	/	Pass
124	BL	BL	BL	BL	BL	Pass
125	BL	BL	BL	IN	/	IN
126	BL	BL	BL	BL	BL	Pass
127	BL	BL	BL	BL	/	Pass
128	BL	BL	BL	BL	BL	Pass
129	BL	BL	BL	BL	/	Pass
130	BL	BL	BL	BL	/	Pass
131	BL	BL	BL	BL	BL	Pass
132	BL	BL	BL	BL	/	Pass
133	BL	BL	BL	BL	BL	Pass
134	BL	BL	BL	BL	BL	Pass
135	BL	BL	BL	BL	BL	Pass
136	BL	BL	BL	BL	/	Pass
137	BL	BL	BL	BL	BL	Pass
138	BL	BL	BL	BL	/	Pass
139	BL	BL	BL	BL	BL	Pass
140	BL	BL	BL	BL	BL	Pass
141	IN	BL	BL	BL	BL	IN

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
142	BL	BL	BL	BL	BL	Pass
143	OL	BL	BL	BL	BL	IN
144	BL	BL	BL	BL	/	Pass
145	BL	BL	BL	BL	/	Pass
146	BL	BL	BL	BL	BL	Pass
147	BL	BL	BL	IN	/	IN
148	BL	BL	BL	BL	BL	Pass
149	BL	BL	BL	BL	BL	Pass
150	BL	BL	BL	BL	BL	Pass
151	BL	BL	BL	BL	BL	Pass
152	BL	BL	BL	BL	BL	Pass
153	BL	BL	BL	IN	/	IN
154	BL	BL	BL	BL	BL	Pass
155	BL	BL	BL	BL	/	Pass
156	BL	BL	BL	BL	/	Pass
157	BL	BL	BL	BL	IN	IN
158	BL	BL	BL	BL	/	Pass
159	BL	BL	BL	BL	BL	Pass
160	BL	BL	BL	BL	BL	Pass
161	BL	BL	BL	BL	BL	Pass
162	BL	BL	BL	BL	BL	Pass
163	BL	BL	BL	BL	BL	Pass
164	BL	BL	BL	BL	BL	Pass
165	BL	BL	BL	BL	BL	Pass
166	BL	BL	BL	BL	BL	Pass
167	BL	BL	BL	BL	BL	Pass
168	BL	BL	BL	BL	BL	Pass
169	BL	BL	BL	BL	BL	Pass

2.Chemical Test Result

No.	Chemical Test Result (mg/kg)						Conclusion
	Pb	Cd	Hg	Cr(VI)	PBBs	PBDEs	
002	22330#1	35	/	/	/	/	Pass
005	/	/	/	N.D.	/	/	Pass
007	/	/	/	N.D.	/	/	Pass
009	/	/	/	N.D.	/	/	Pass
010	/	/	/	N.D.	/	/	Pass
011	/	/	/	N.D.	/	/	Pass
012	/	/	/	N.D.	/	/	Pass
020	/	/	/	/	N.D.	N.D.	Pass
023	/	/	/	N.D.	/	/	Pass
036	1635#2	/	/	/	/	/	Pass
038	590	/	/	/	/	/	Pass
040	/	/	/	N.D.	/	/	Pass
041	/	/	/	N.D.	/	/	Pass
050	/	/	/	/	N.D.	N.D.	Pass
058	/	/	/	N.D.	/	/	Pass
064	7759#2	/	/	/	/	/	Pass
067	/	/	/	/	N.D.	N.D.	Pass
070	132	/	/	/	/	/	Pass
071	/	/	/	/	N.D.	N.D.	Pass
073	/	/	/	/	N.D.	N.D.	Pass
079	/	/	/	/	N.D.	N.D.	Pass
083	/	/	/	N.D.	/	/	Pass
098	/	/	/	N.D.	/	/	Pass
114	/	/	/	/	N.D.	N.D.	Pass
125	/	/	/	N.D.	/	/	Pass
141	240	/	/	/	/	/	Pass
143	43940#2	/	/	/	/	/	Pass
147	/	/	/	N.D.	/	/	Pass
153	/	/	/	N.D.	/	/	Pass
157	/	/	/	/	N.D.	N.D.	Pass

Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)

No.	Test Items Result (mg/kg)				Conclusion
	DEHP	BBP	DBP	DIBP	
001+008+017	N.D.	N.D.	N.D.	N.D.	Pass
003+004	N.D.	N.D.	N.D.	N.D.	Pass
005	N.D.	N.D.	N.D.	N.D.	Pass
013+131+134	N.D.	N.D.	N.D.	N.D.	Pass
014	N.D.	N.D.	N.D.	N.D.	Pass
016+024+135	N.D.	N.D.	N.D.	N.D.	Pass
019+101+116	N.D.	N.D.	N.D.	N.D.	Pass
020+022+030	N.D.	N.D.	N.D.	N.D.	Pass
021	N.D.	N.D.	N.D.	N.D.	Pass
028+031+033	N.D.	N.D.	N.D.	N.D.	Pass
032+050+067	N.D.	N.D.	N.D.	N.D.	Pass
035+039+040	N.D.	N.D.	N.D.	N.D.	Pass
042+043+044	N.D.	N.D.	N.D.	N.D.	Pass
045+046+047	N.D.	N.D.	N.D.	N.D.	Pass
048	N.D.	N.D.	N.D.	N.D.	Pass
049	N.D.	N.D.	N.D.	N.D.	Pass
051+053+055	N.D.	N.D.	N.D.	N.D.	Pass
059+068+073	N.D.	N.D.	N.D.	N.D.	Pass
071+086+102	N.D.	N.D.	N.D.	N.D.	Pass
075+079+084	N.D.	N.D.	N.D.	N.D.	Pass
076+097	N.D.	N.D.	N.D.	N.D.	Pass
078	N.D.	N.D.	N.D.	N.D.	Pass
081	N.D.	N.D.	82	N.D.	Pass
089	N.D.	N.D.	N.D.	N.D.	Pass
090+106	N.D.	N.D.	N.D.	N.D.	Pass
092	N.D.	N.D.	N.D.	N.D.	Pass
093	N.D.	N.D.	N.D.	N.D.	Pass
094	N.D.	N.D.	N.D.	N.D.	Pass
095	N.D.	N.D.	N.D.	N.D.	Pass
099+112+115	76	N.D.	N.D.	N.D.	Pass
104	N.D.	N.D.	N.D.	N.D.	Pass
107	N.D.	N.D.	N.D.	N.D.	Pass
108	N.D.	N.D.	N.D.	N.D.	Pass
109	N.D.	N.D.	N.D.	N.D.	Pass
110	N.D.	N.D.	N.D.	N.D.	Pass

No.	Test Items Result (mg/kg)				Conclusion
	DEHP	BBP	DBP	DIBP	
111	N.D.	N.D.	N.D.	N.D.	Pass
114+157	N.D.	N.D.	N.D.	N.D.	Pass
119+126+133	N.D.	N.D.	N.D.	N.D.	Pass
121	N.D.	N.D.	N.D.	N.D.	Pass
124	N.D.	N.D.	N.D.	N.D.	Pass
128	N.D.	N.D.	N.D.	N.D.	Pass
137+146+148	N.D.	N.D.	N.D.	N.D.	Pass
139+152	N.D.	N.D.	N.D.	N.D.	Pass
140+154	N.D.	N.D.	N.D.	N.D.	Pass
149+151+160	N.D.	N.D.	N.D.	N.D.	Pass
150	48	N.D.	N.D.	N.D.	Pass
159	N.D.	N.D.	N.D.	N.D.	Pass
161	N.D.	N.D.	N.D.	N.D.	Pass
162+163+164	N.D.	N.D.	N.D.	N.D.	Pass
165+168	N.D.	N.D.	N.D.	N.D.	Pass
169	N.D.	N.D.	N.D.	N.D.	Pass

Note: 1.N.D. = Not Detected (<MDL)
MDL = Method Detection Limit
1mg/kg = 1ppm =0.0001%
/=Not Regulated or Not Applicable
2. BL = Below the XRF screening limit
IN = Further chemical test will be conducted when the screening result inconclusive
OL = Further chemical test will be conducted while the result is above the screening limit.
3. For metal samples, the sample is negative for Cr(VI), if the Cr(VI) concentration is less than 0.10 μg/cm², the coating is considered a non- Cr(VI) based coating;
The sample is positive for Cr(VI), if the Cr(VI) concentration is greater than 0.13 μg/cm², The sample coating is considered to contain Cr(VI);
The result is considered to be inconclusive, the Cr(VI) concentration is between the 0.10 μg/cm² and 0.13 μg/cm², unavoidable coating variations may influence the determination.
Because the storage condition and production date of the sample are not known, the test results of the sample of hexavalent chromium can only represent the state of hexavalent chromium in the samples tested.

Remark: 1. When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
2. According to the client's statement , the material of the sample(s) comply with RoHS directive 2011/65/EU Annex III Exemption, Corresponding exemption clause:
#1 6(c) Lead is exempted as copper alloy containing up to 4% lead by weight.

#2 7(c)-I Lead is exempted as Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Test Method:

1. With reference to IEC 62321-1: 2013 Ed.1.0, IEC 62321-2:2021 Ed.2.0, IEC 62321-3-1:2026 Ed.2.0

XRF screening limits in mg/kg for regulated elements in various matrices.

Element	Limit of IEC 62321-3-1:2026 Ed.2.0 (mg/kg)		
	Polymers	Metals	Composite material
Pb	BL≤(700-3σ) <X <(1300+3σ)≤OL	BL≤(700-3σ) <X <(1300+3σ)≤OL	BL≤(500-3σ)<X <(1500+3σ)≤OL
Cd	BL≤(70-3σ)<X < (130+3σ) ≤OL	BL≤(70-3σ)<X < (130+3σ) ≤OL	LOD <X<(150+3σ) ≤OL
Hg	BL≤(700-3σ)<X <(1300+3σ)≤OL	BL≤(700-3σ)<X <(1300+3σ)≤OL	BL≤(500-3σ)<X <(1500+3σ)≤OL
Cr	BL≤(700-3σ)< X	BL≤(700-3σ)< X	BL≤(500-3σ)< X
Br	BL≤(300-3σ)< X	/	BL≤(250-3σ)< X

Note: BL= Below the XRF screening limit
OL=Over the XRF screening limit
X=The symbol"X"marks the region where further investigation is necessary.
3σ =The reproducibility of analytical instruments
LOD= Detection limit

2. Chemical Test

Test item	**Test method**	**Test instrument**	**MDL**	**Limit△**
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	1000 mg/kg
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	100 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 Ed.1.0	UV-Vis	0.10 μg/cm²	1000 mg/kg
	IEC 62321-7-2:2017 Ed.1.0		8 mg/kg	
Polybrominated Biphenyls(PBBs)	IEC 62321-12:2023 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
Polybrominated, Diphenyl Ethers(PBDEs)	IEC 62321-12:2023 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
Bis-(2-ethylhexyl) Phthalate (DEHP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Benzyl butyl Phthalate (BBP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Dibutyl Phthalate (DBP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Diisobutyl Phthalate (DIBP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg

△The limit is quoted from RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

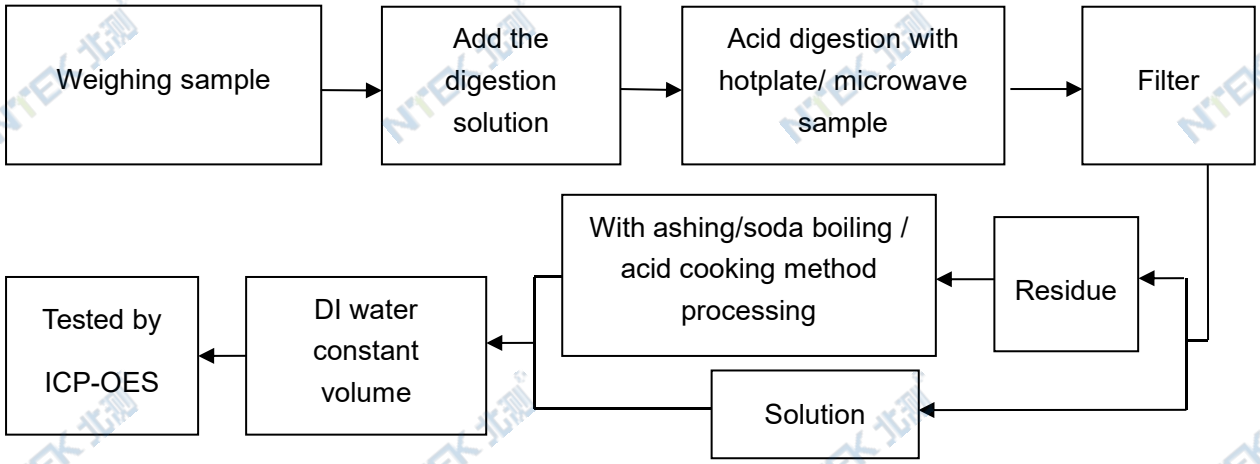
Test instrument:

Test instrument	Instrument model	Calibration effective date
EDXRF	EDX 1800E	2027-03-11
GC-MS	GCMS-QP2020NX	2028-05-11
ICP-OES	OPTIMA 8000	2028-05-21
GC-MS	QP-2020NX	2027-06-12
UV-vis	T6	2027-05-21

Test Flow:

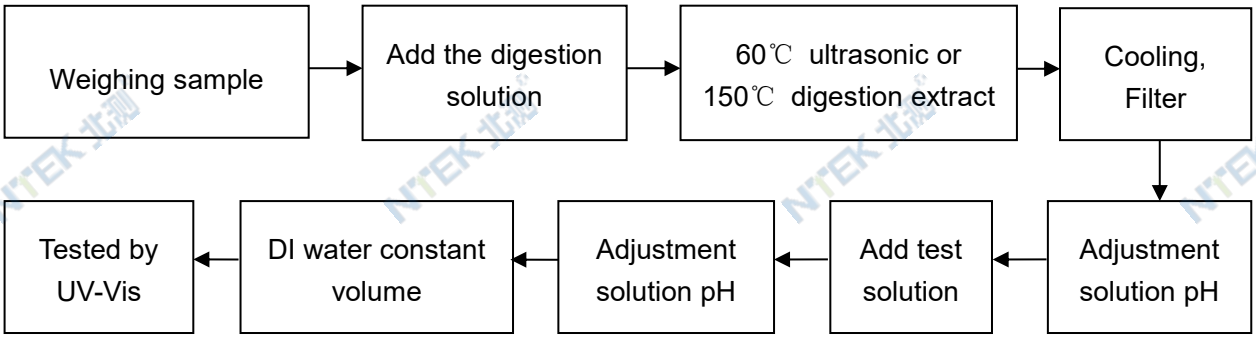
1. Lead(Pb), Cadmium(Cd) , Mercury (Hg)

The sample is completely digested according to the procedure described below

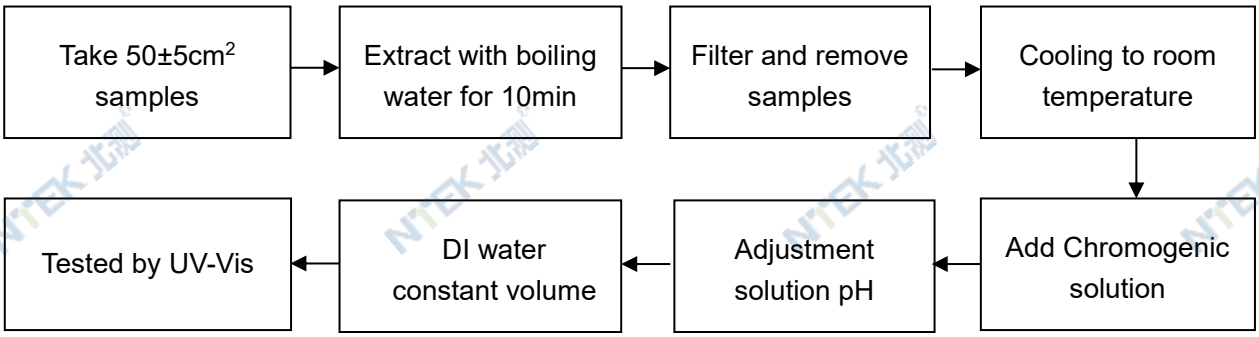


2. Hexavalent Chromium(Cr(VI))

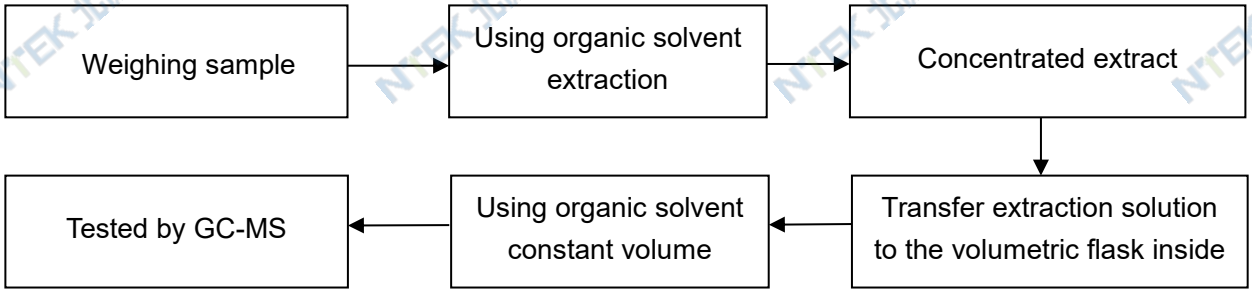
2.1 Non- metal sample(s)



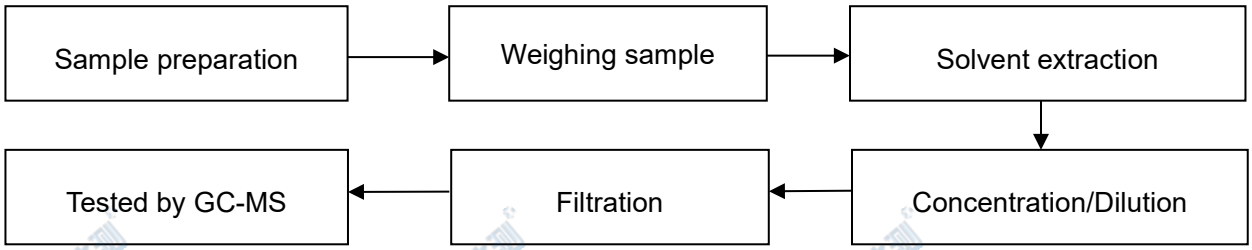
2.2 Metal sample(s)



3. PBBs/ PBDEs



4. Phthalates



Sample photo(s)：

Fig.1(Finished photo)

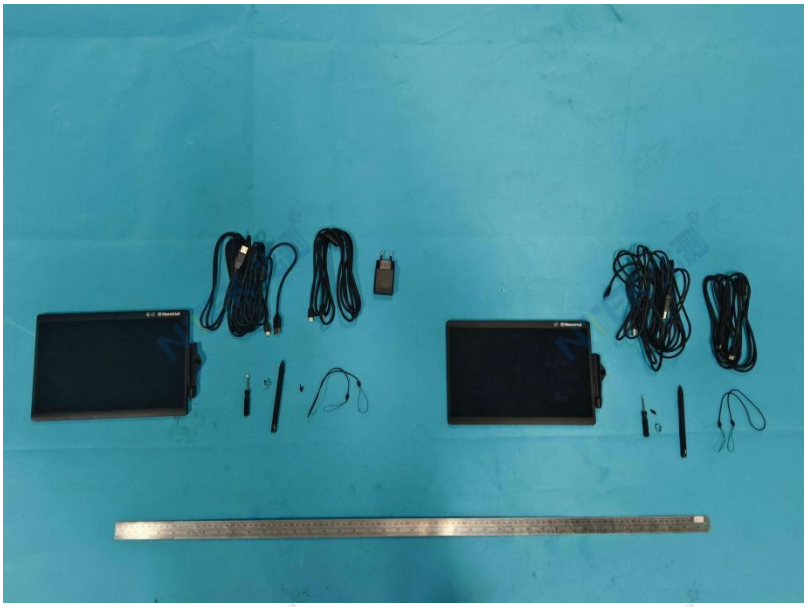


Fig.2(Finished photo)

Fig.3

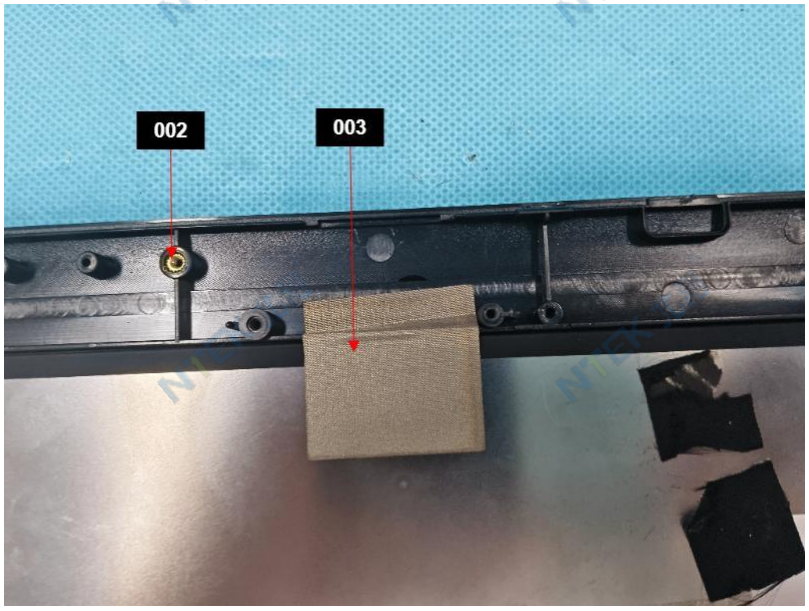


Fig.4

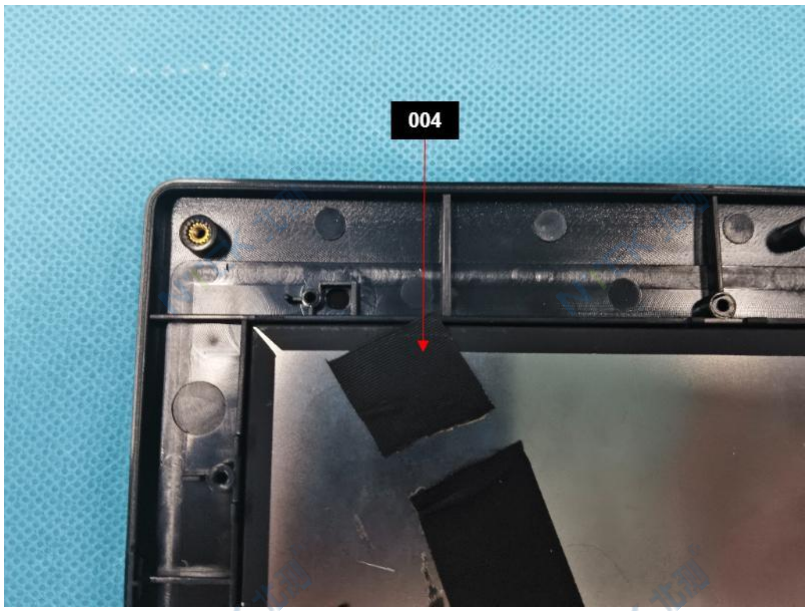


Fig.5

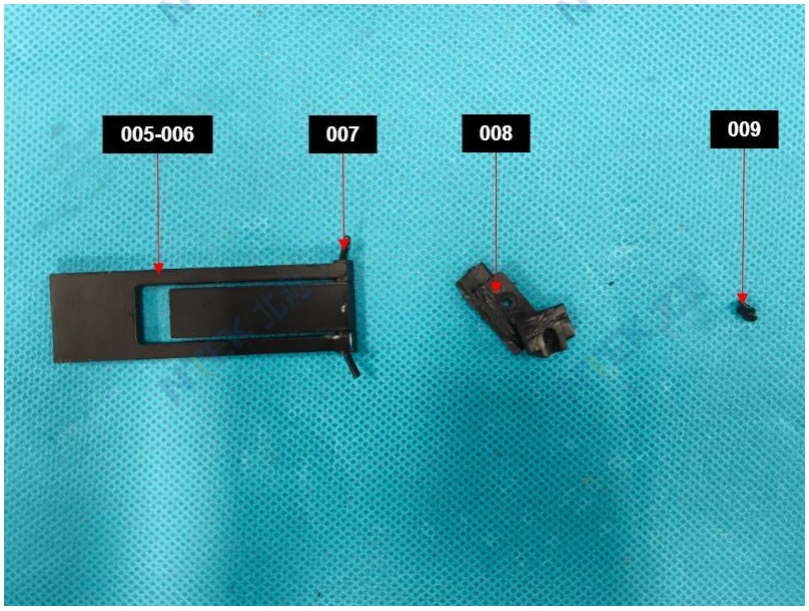


Fig.6

Fig.7

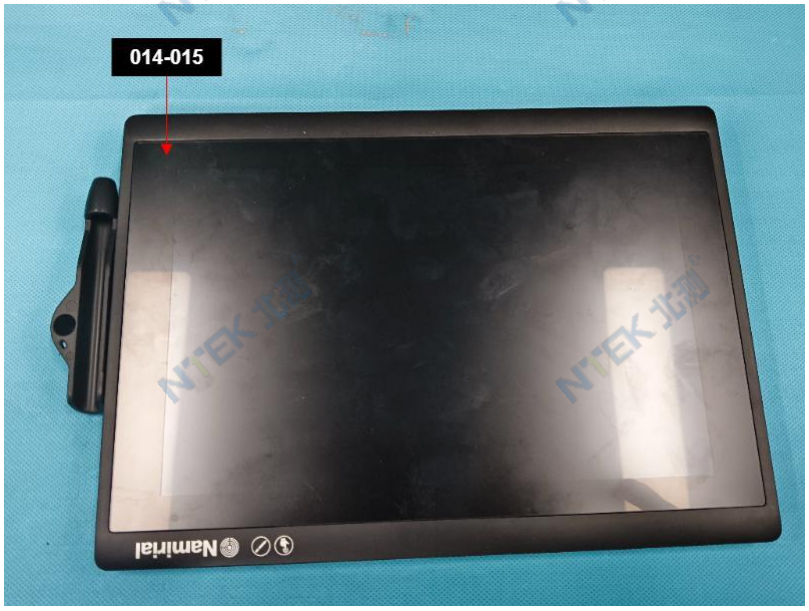


Fig.8

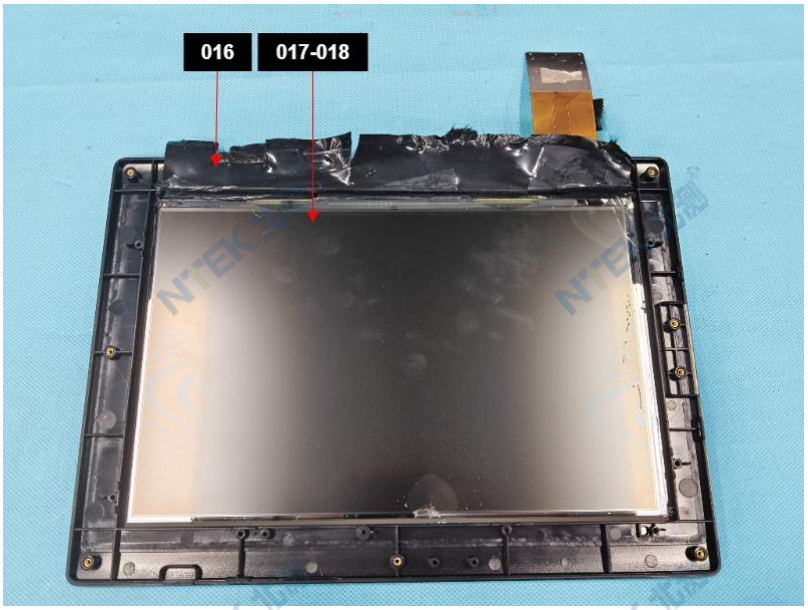


Fig.9

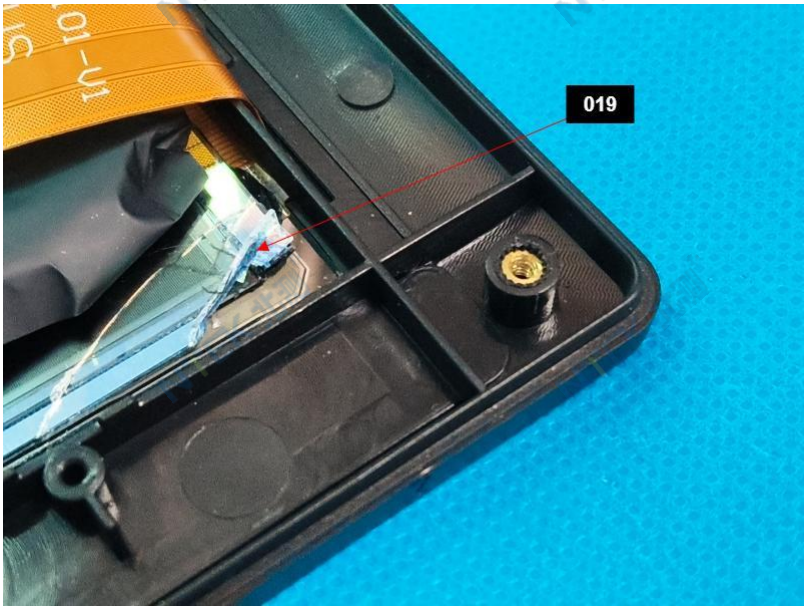


Fig.10

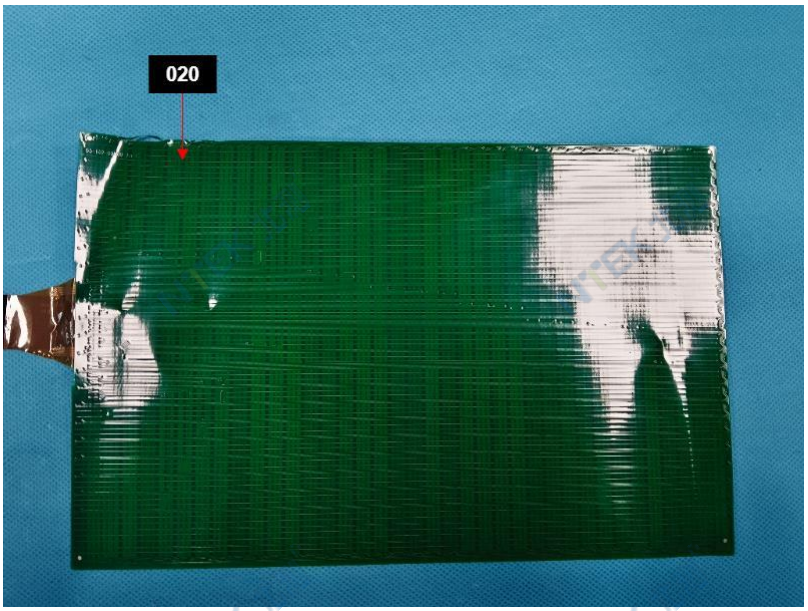


Fig.11

Fig.12

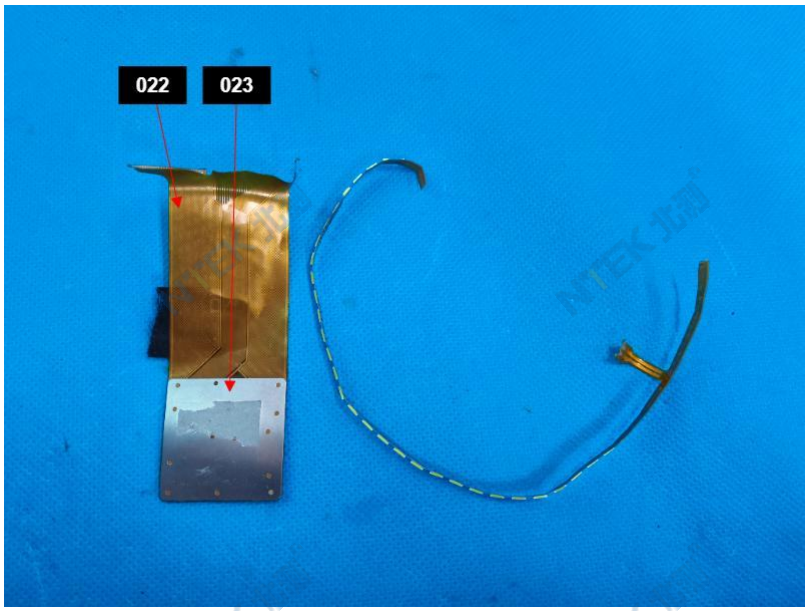


Fig.13

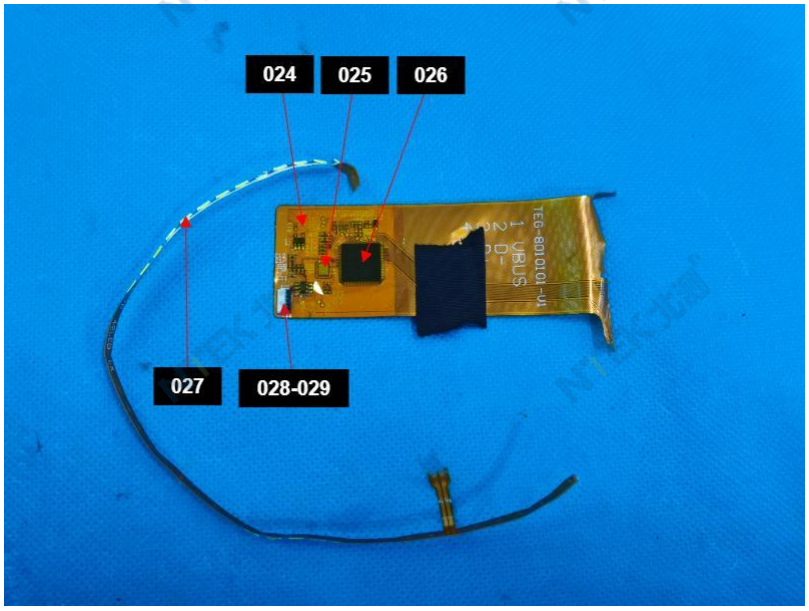


Fig.14

Fig.15

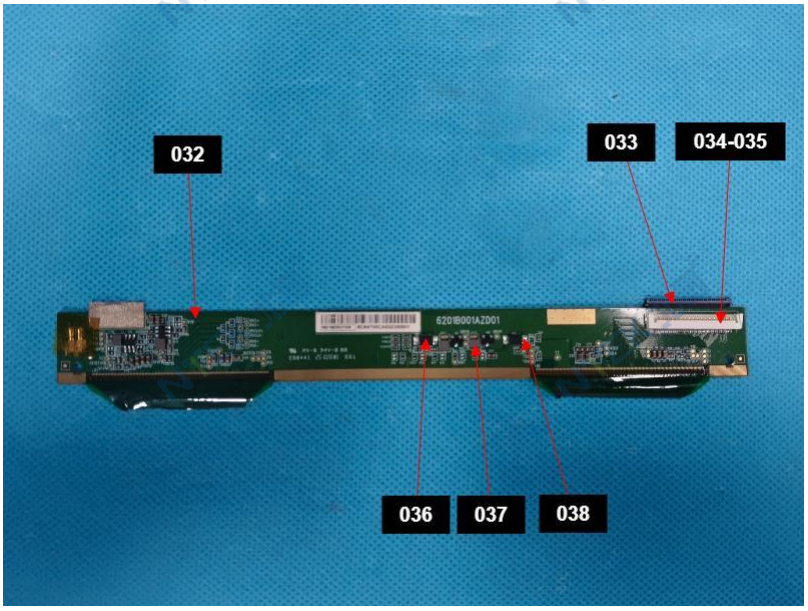


Fig.16

Fig.17

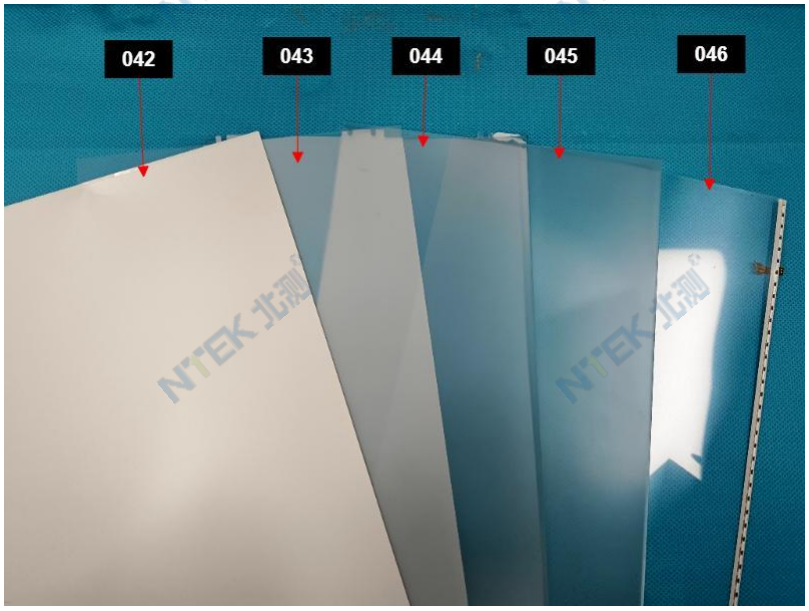


Fig.18


047
048

Fig.19

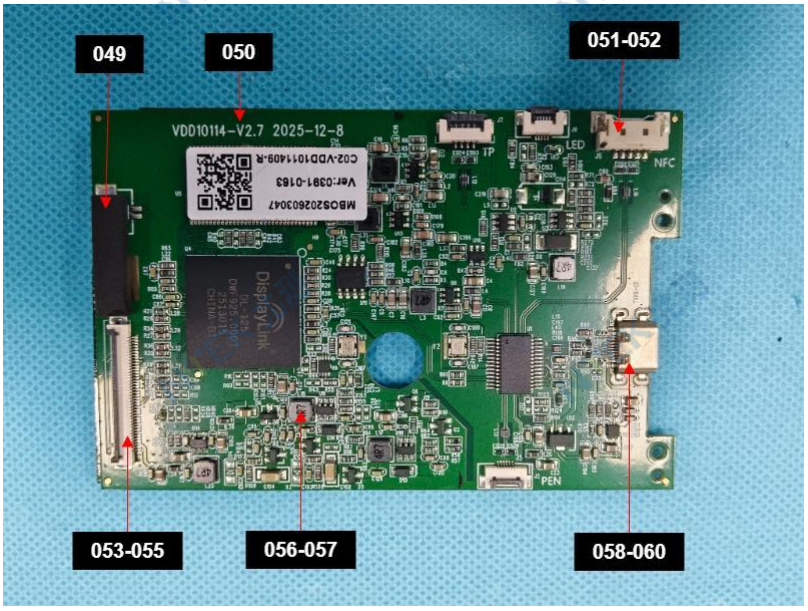
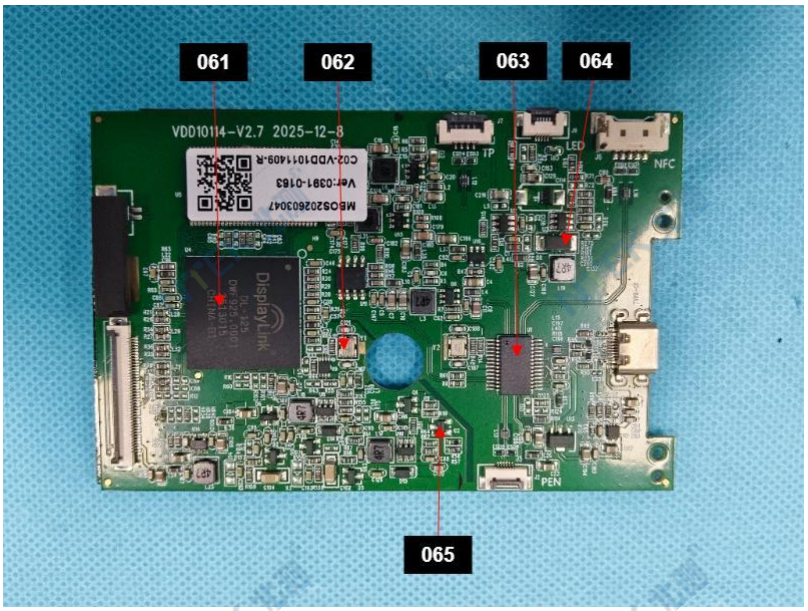

049
050
051-052
053-055
056-057
058-060
VDD10114-V2.7 2025-12-8

Fig.20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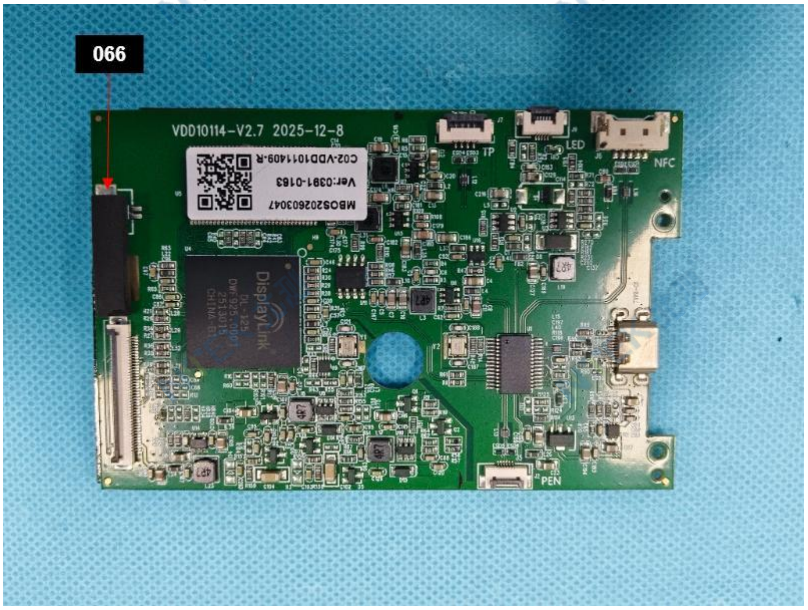
IP
LED
NFC
PEN

Fig.21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IP
LED
NFC
PEN

Fig.22

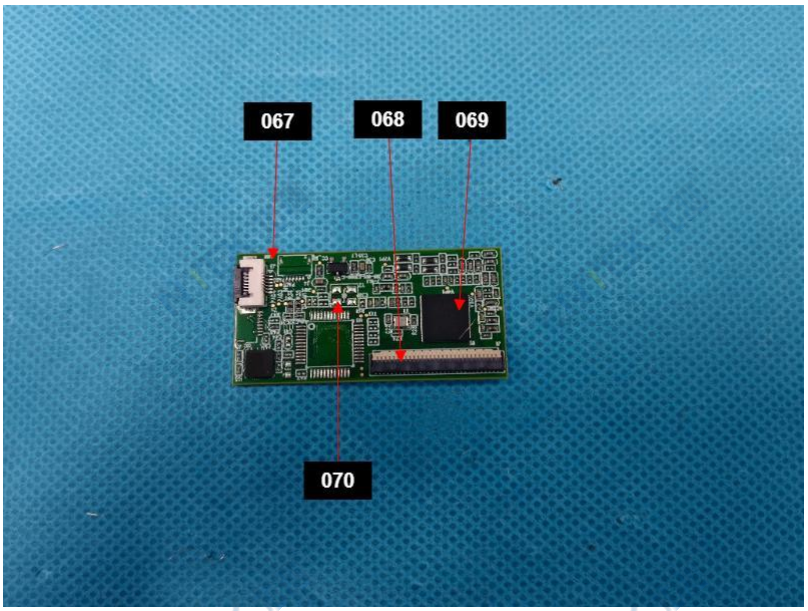

Fig.23

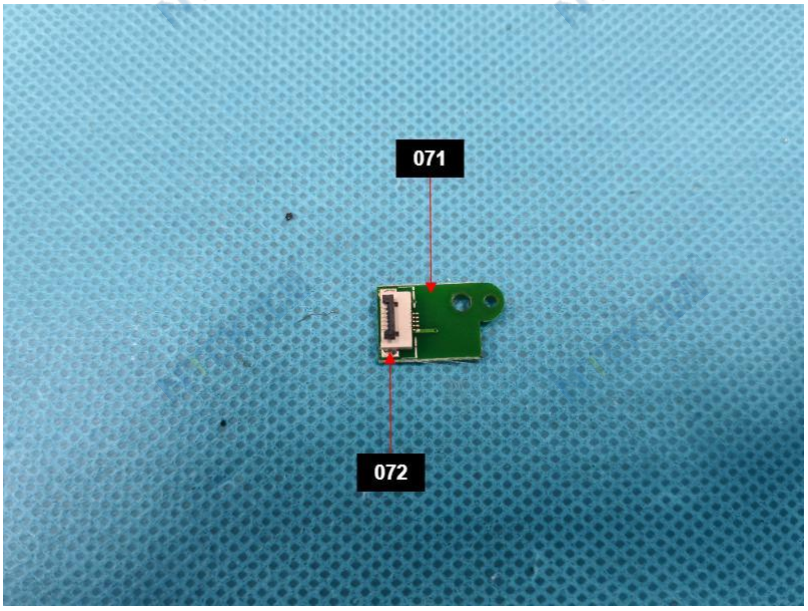

Fig.24

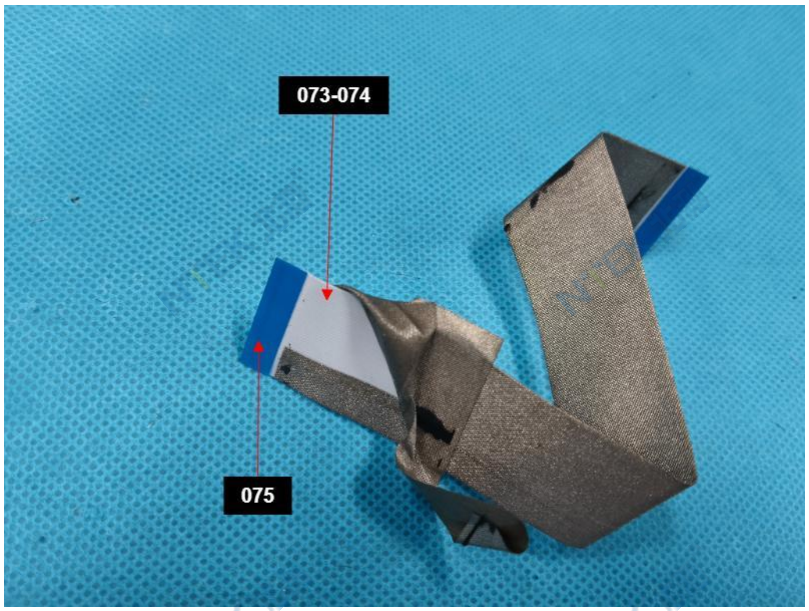

Fig.25

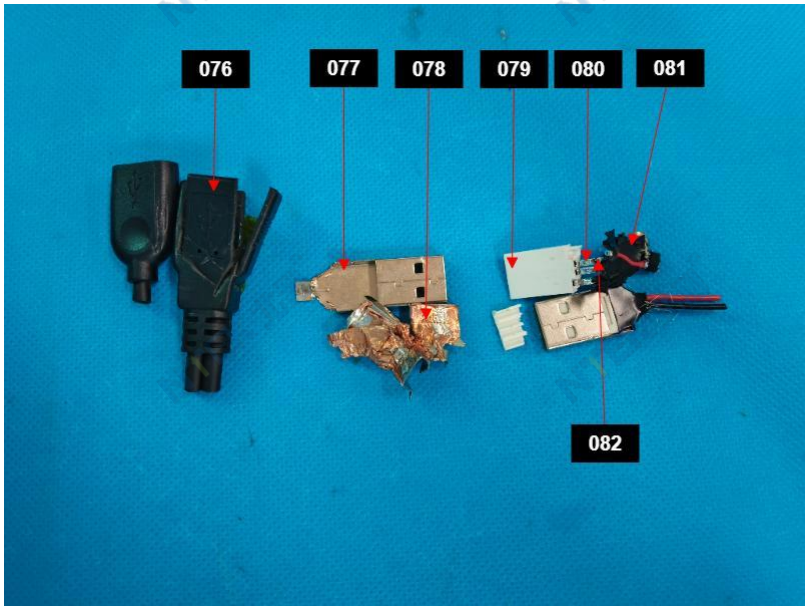

Fig.26

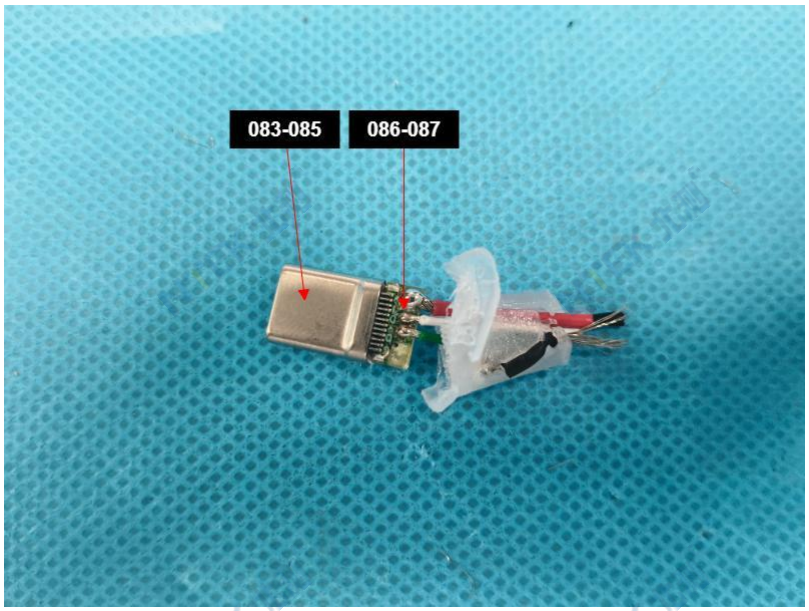

Fig.27

Fig.28

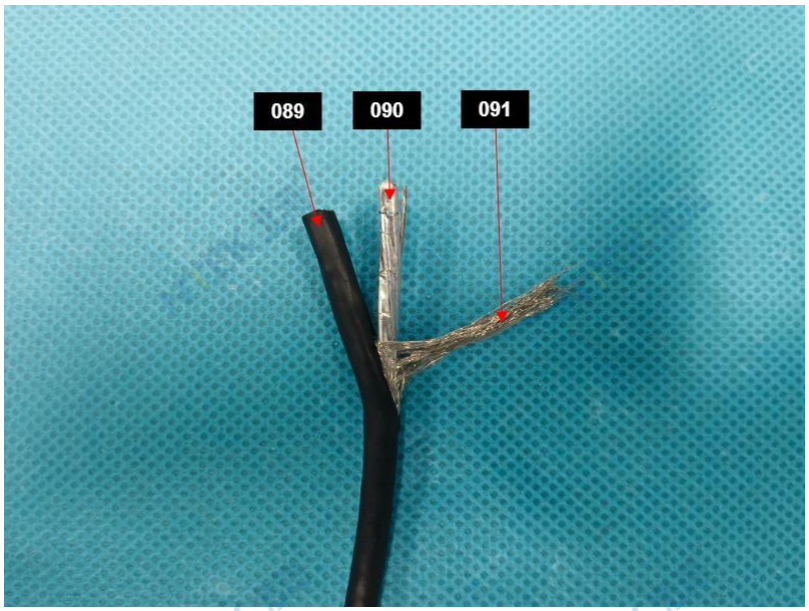

Fig.29

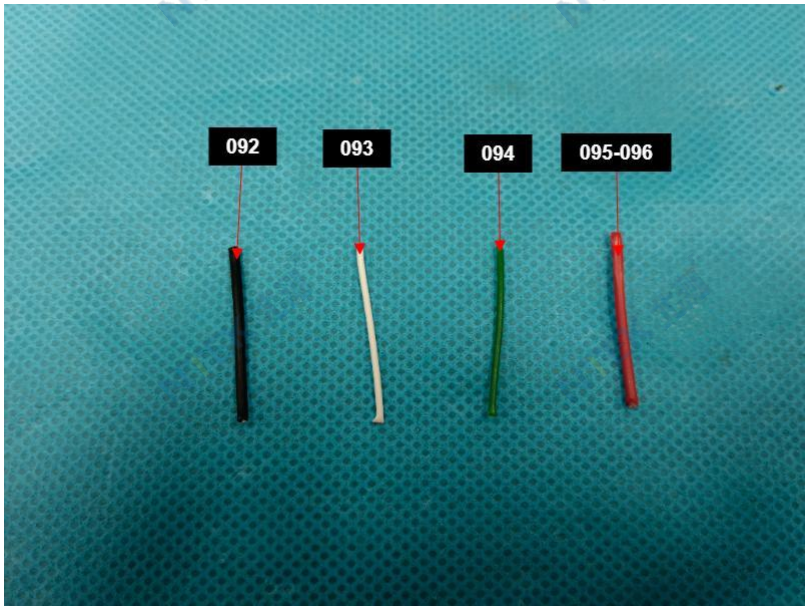

Fig.30

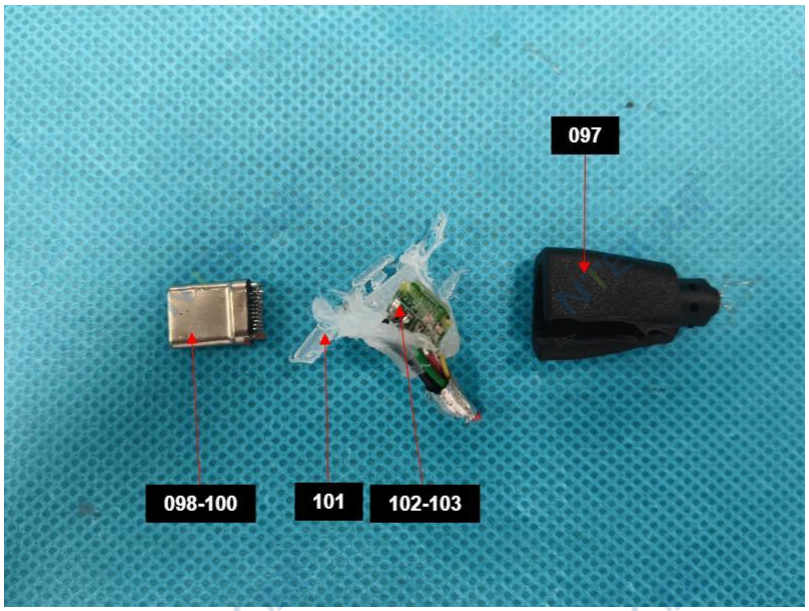

Fig.31

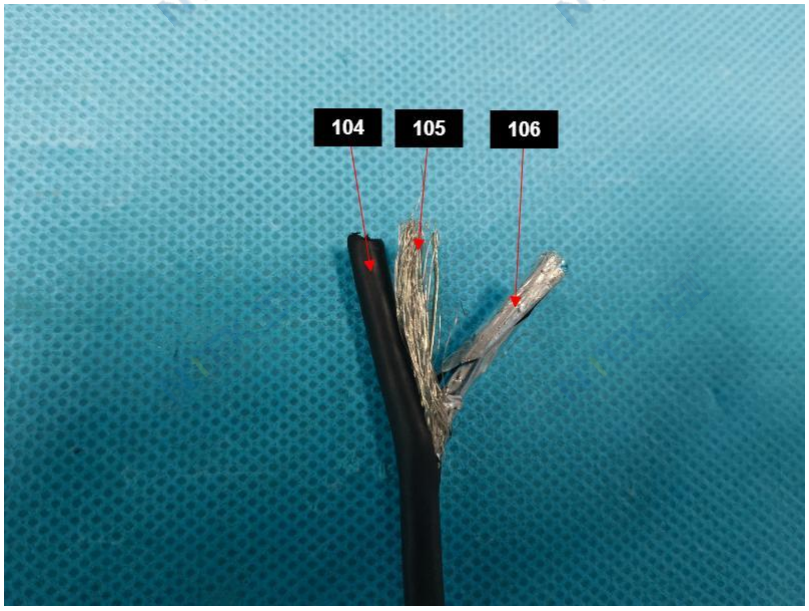

Fig.32

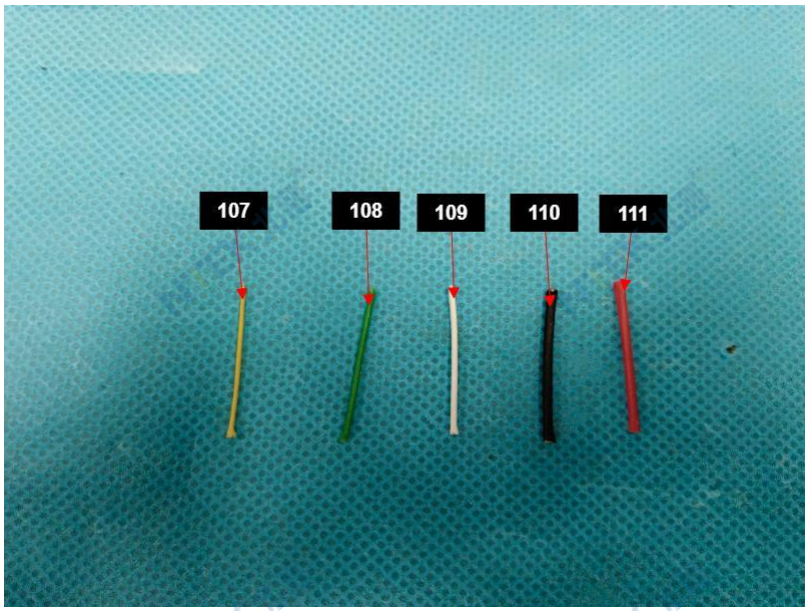

Fig.33

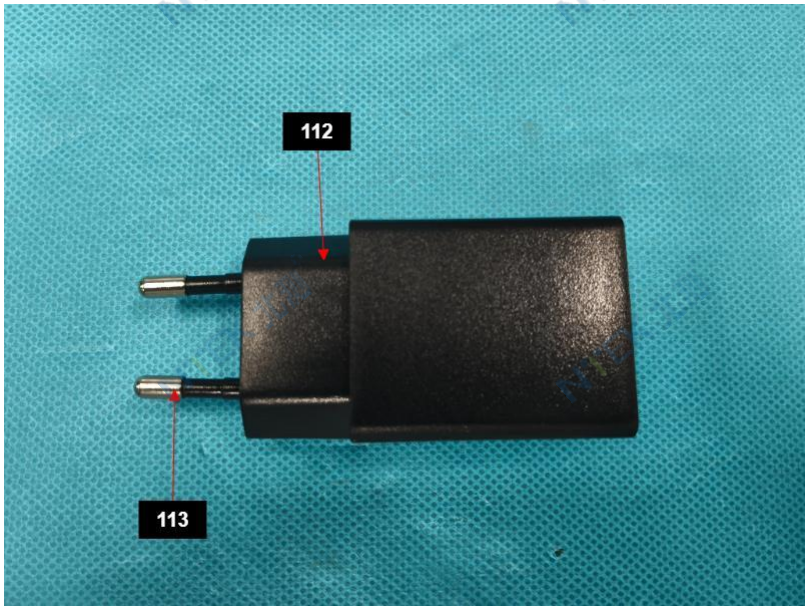

Fig.34

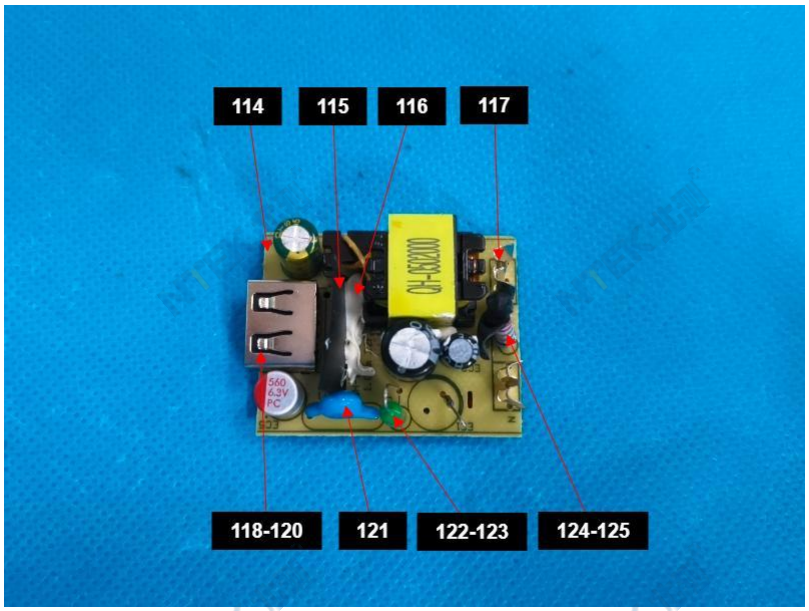

Fig.35

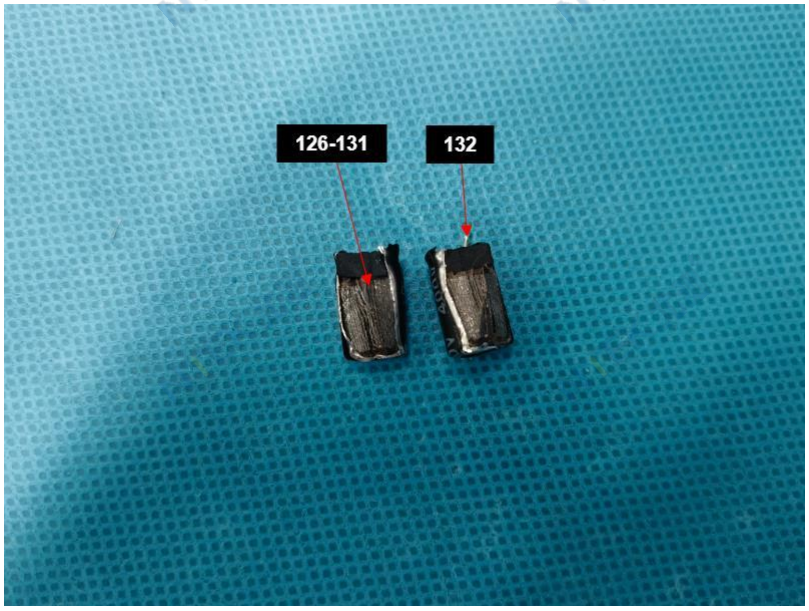

Fig.36

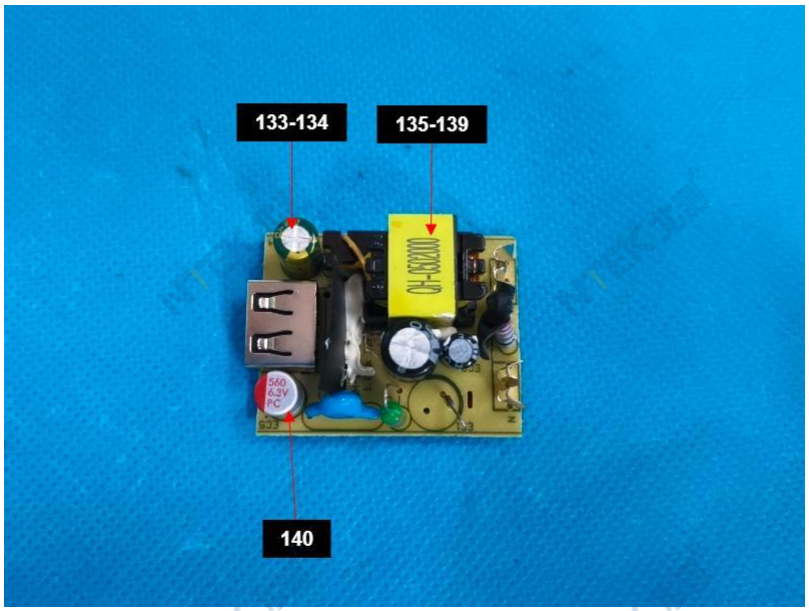

Fig.37

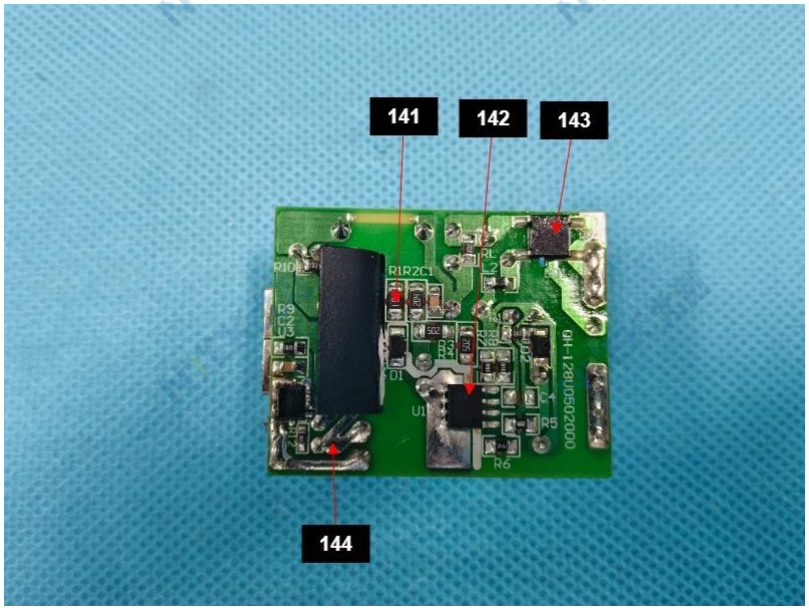

Fig.38

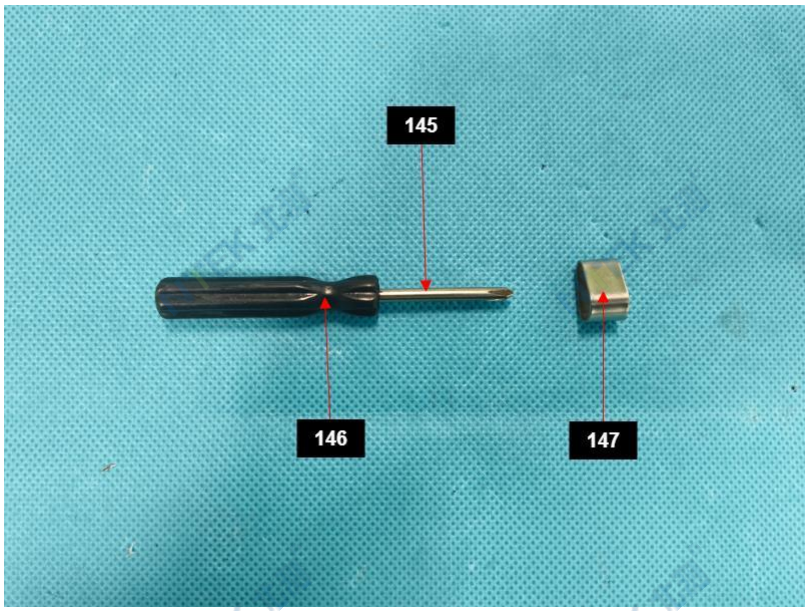

Fig.39

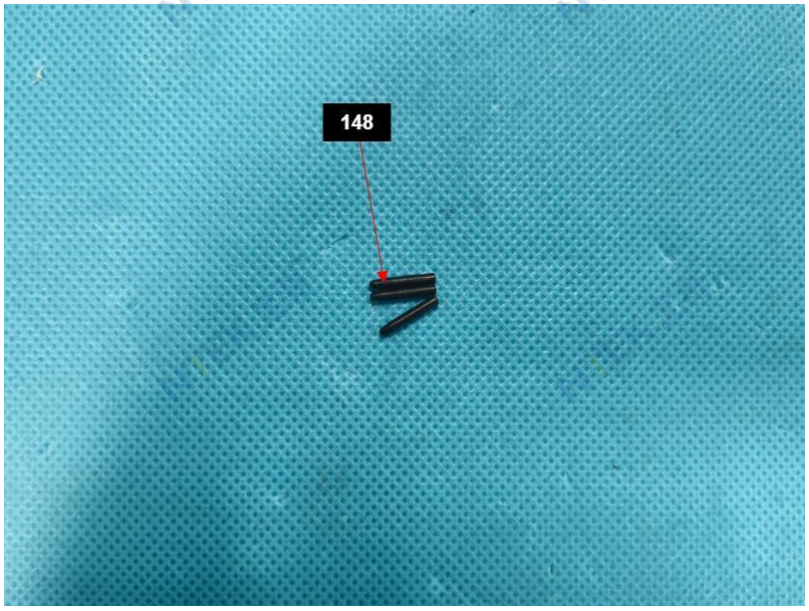

Fig.40

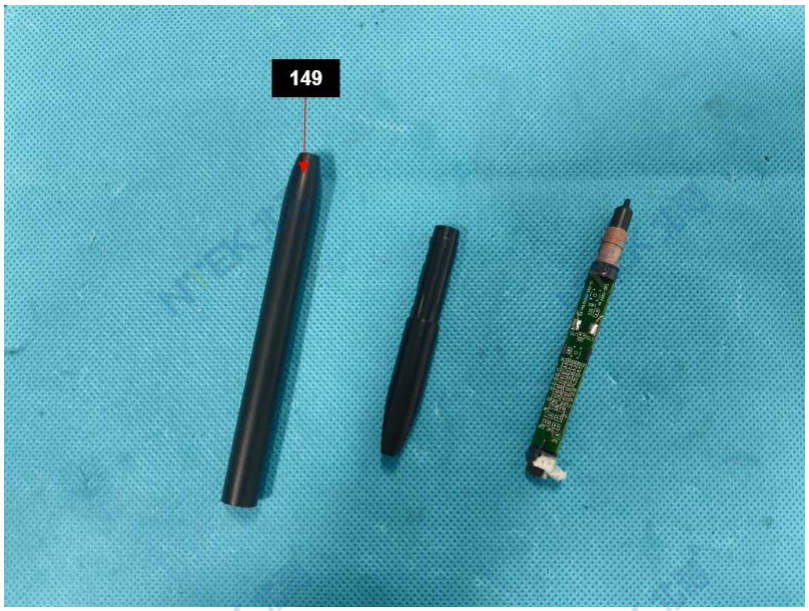

Fig.41

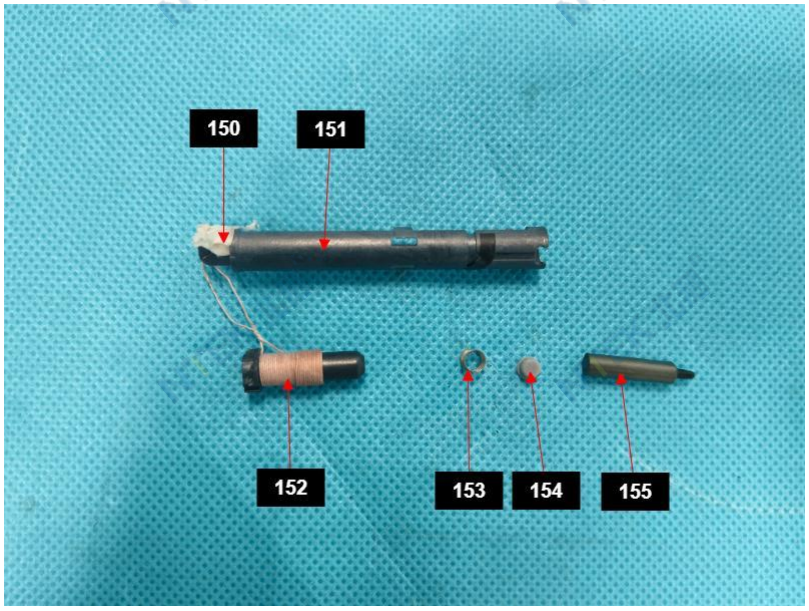

Fig.42

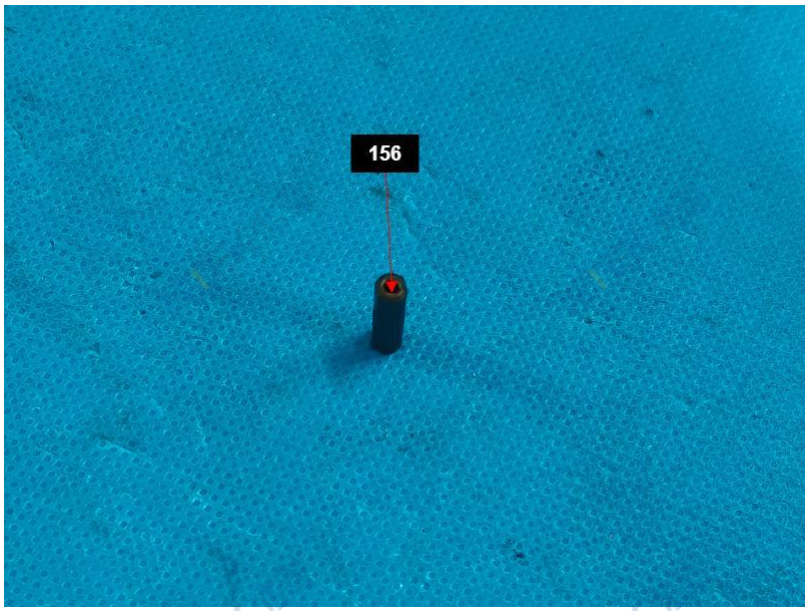

Fig.43

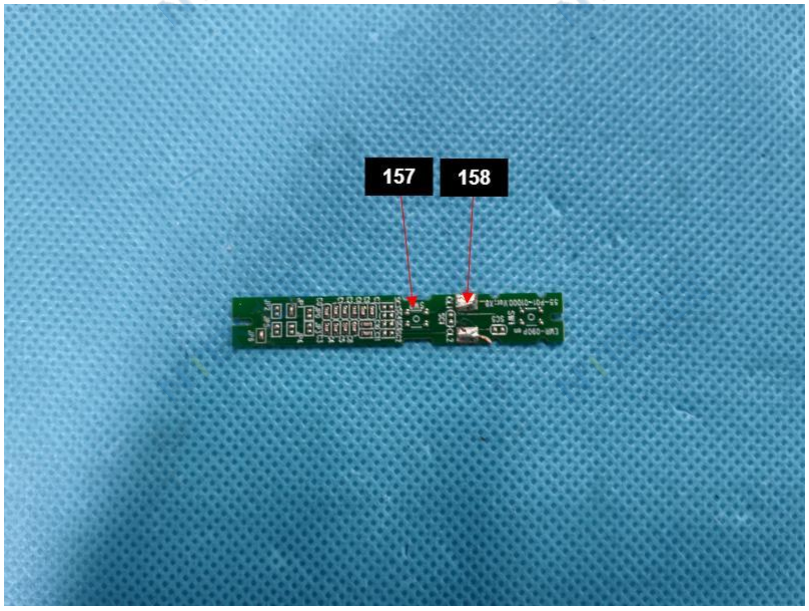

Fig.44

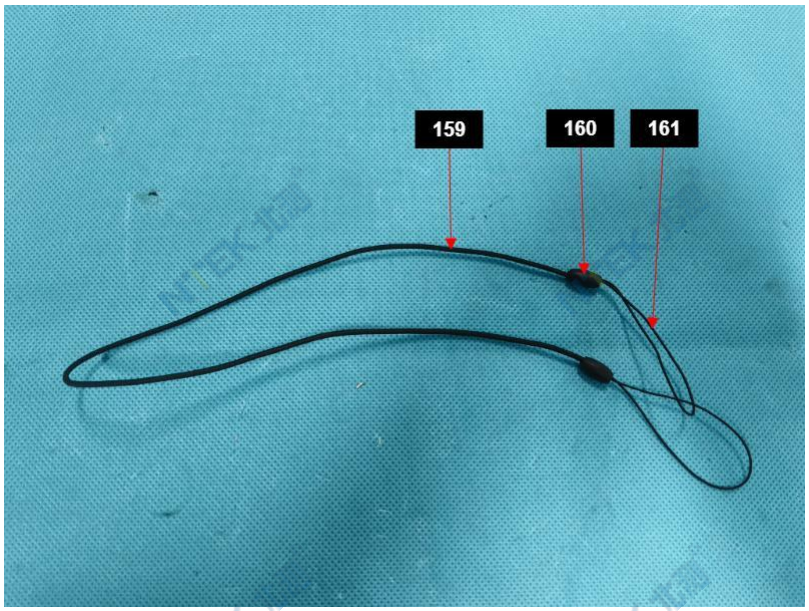

Fig.45

Fig.46

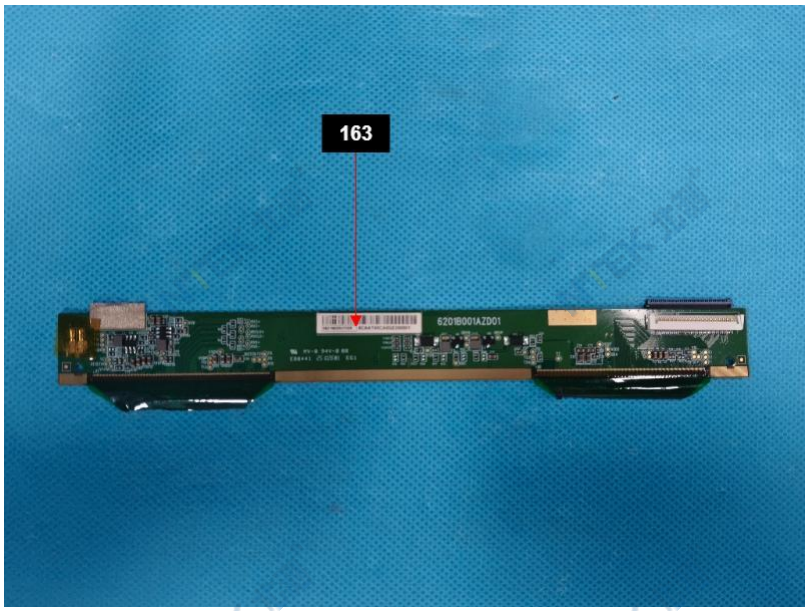

Fig.47

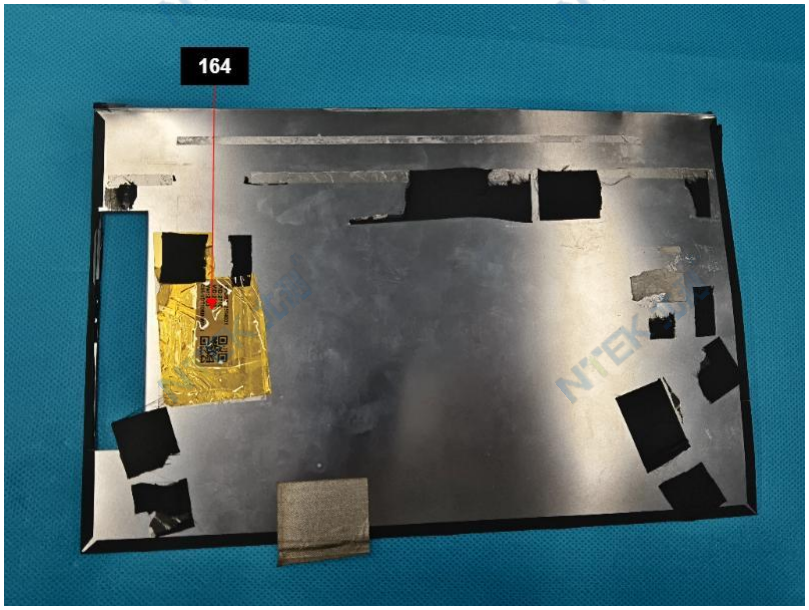

Fig.48

Fig.49

Fig.50

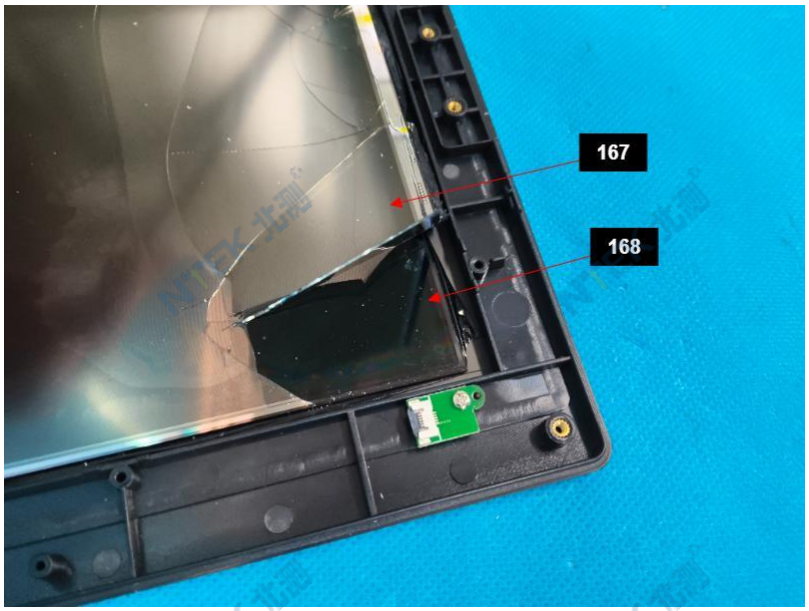

Fig.51

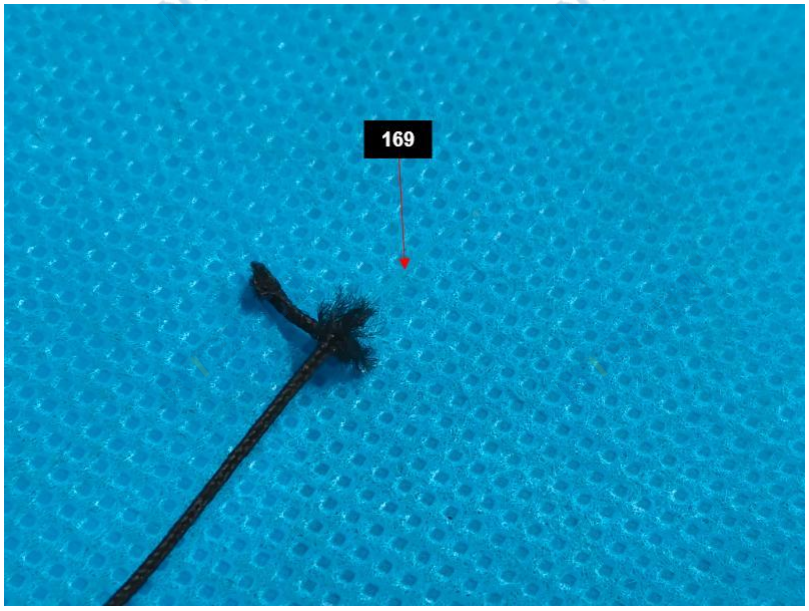

Fig.52

****End of Report****

The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of NTEK, this report can't be reproduced except in full.