

TEST REPORT

Report No.: BCTC2504130586R

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

Test Model: KINGKONG ES 3

Tested Date: 2025-04-07 to 2025-04-24

Issued Date: 2025-06-05

Shenzhen BCTC Testing Co., Ltd.



Product Name	Smartphone	
Test Model	KINGKONG ES 3	
Applicant	Shenzhen Huafurui Technology Co., Ltd.	
Address	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China	
Manufacturer	Shenzhen Huafurui Technology Co., Ltd.	
Address	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China	
Trademark	CUBOT	
Sample Received Date	2025-04-07	
Test Type	Entrustment Test	
Test Requested	As specified by client, based on the list published by European chemicals agency (ECHA) for public consultation regarding regulation (EC) No 1907/2006 concerning the REACH, to determine the two hundred and forty-seven (247) Substances of Very High Concern (SVHC) in the submitted sample.	
Summary	According to the specified scope and analytical techniques, concentrations of SVHC are less than 0.1%(w/w) in the submitted sample(s).	PASS
Prepared by: <u>Willa</u> Willa Approved by: <u>Saher Chen</u> Saher Chen		

Test Result(s):

BCTC Tested Sample Groups	Groups Description	Photo No.	SVHC Results (%)
001	Nonmetal group	1+2+3+4+5+7+9+11+17+19	N.D.
002	Nonmetal group	20+21+23+24+25+26+27+28+29+31	N.D.
003	Nonmetal group	32+33+35+37+42+44+46+47+48+49	N.D.
004	Nonmetal group	51+52+53+54+55+58+59+61+62+63	N.D.
005	Nonmetal group	65+67+68+69+70+71+72+73+74+76	N.D.
006	Nonmetal group	78+80+81+82+83+84	N.D.
007	Metal group	8+10+12+13+14+15+16+18+22+30	N.D.
008	Metal group	34+36+38+39+40+41+43+45+50+56	N.D.
009	Metal group	57+60+64+66+75+79+85	N.D.
010	Metal group	6	N.D.
011	Metal group	77	N.D.

Tested Sample/Part Description:

Photo No.	Sample Description
1	Black rubber
2	Orange plastic
3	Transparent plastic
4	Transparent plastic
5	Black double sided tape
6	Gold metal rivet
7	Black plastic
8	Light gray metal
9	Graphene patch
10	Gray metal
11	Black plastic
12	Silver metal
13	Silver metal
14	Silver metal sheet

15	Black metal screw
16	Silver metal screw
17	Display screen
18	Silver metal
19	Gray foam
20	Black FPC
21	Glass
22	Silver metal
23	Black plastic
24	Black wire jacket
25	Red wire jacket
26	Black wire jacket
27	Black FPC
28	Black FPC
29	White glue
30	Silver metal
31	Black plastic
32	Black FPC
33	Black yellow FPC
34	Silver metal
35	Black PCB
36	Tin solder
37	Black PCB
38	Silver metal shielding cover
39	Copper foil
40	Silver metal
41	Silver metal
42	White plastic
43	Silver metal pin
44	Green PCB
45	Tin solder
46	SMD resistor

47	Gray adhesive
48	IC
49	IC
50	Silver metal
51	Brown component
52	Black magnet
53	Yellow tape
54	Black wire jacket
55	Translucent wire jacket
56	Silver metal
57	Aluminum shell
58	Blue capacitor
59	Brown plastic jacket
60	Aluminum shell
61	Black heat shrink tube
62	Gray magnet
63	Black plastic
64	Silver metal sheet
65	White outside wire jacket
66	Silver metal
67	White plastic
68	White wire jacket
69	Green wire jacket
70	Yellow wire jacket
71	Pink wire jacket
72	Black wire jacket
73	White plastic
74	Black dustproof net
75	Silver metal
76	Green PCB
77	Tin solder
78	White plastic

79	Silver metal
80	White wire jacket
81	White plastic
82	Blue wire jacket
83	Red wire jacket
84	Black tape
85	Silver white aluminum plastic film

Substances in the Candidate List of SVHC:

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
I	1	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	202-974-4	0.01
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.01
I	3	Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.01
I	4	Anthracene	120-12-7	204-371-1	0.01
I	5	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	0.01
I	6	Bis (2-ethylhexyl)phthalate(DEHP)	117-81-7	204-211-0	0.01
I	7	Bis(tributyltin)oxide(TBTO)	56-35-9	200-268-0	0.01
I	8	Cobalt dichloride**	7646-79-9	231-589-4	0.01
I	9	Diarsenic pentaoxide**	1303-28-2	215-116-9	0.01
I	10	Diarsenic trioxide**	1327-53-3	215-481-4	0.01
I	11	Dibutyl phthalate(DBP)	84-74-2	201-557-4	0.01
I	12	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified	--	--	0.01
I	13	Lead hydrogen arsenate**	7784-40-9	232-064-2	0.01
I	14	Sodium dichromate **	7789-12-0/ 10588-01-9	234-190-3	0.01
I	15	Triethyl arsenate**	15606-95-8	427-700-2	0.01
II	16	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01
II	17	Anthracene oil	90640-80-5	292-602-7	0.01
II	18	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01
II	19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01
II	20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	0.01
II	21	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01
II	22	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	0.01
II	23	Lead chromate**	7758-97-6	231-846-0	0.01
II	24	Lead chromate molybdate sulphate red(C.I. Pigment Red 104) **	12656-85-8	235-759-9	0.01

Batch	Code	Substance Name		CAS No.	EC No.	Report Limit (%)
II	25	Lead sulfochromate yellow (C.I.Pigment Yellow 34) **		1344-37-2	215-693-7	0.01
II	26	Pitch, coal tar, high temp.		65996-93-2	266-028-2	0.01
II	27	Tris(2-chloroethyl)phosphate		115-96-8	204-118-5	0.01
II	28	Acrylamide		79-06-1	201-173-7	0.01
III	29	Ammonium dichromate**		7789-09-5	232-143-1	0.01
III	30	Boric acid**		--	--	0.01
III	31	Disodium tetraborate, anhydrous**		1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	0.01
III	32	Potassium chromate**		7789-00-6	232-140-5	0.01
III	33	Potassium dichromate**		7778-50-9	231-906-6	0.01
III	34	Sodium chromate**		7775-11-3	231-889-5	0.01
III	35	Tetraboron disodium heptaoxide, hydrate**		12267-73-1	235-541-3	0.01
III	36	Trichloroethylene		79-01-6	201-167-4	0.01
IV	37	2-Ethoxyethanol		110-80-5	203-804-1	0.01
IV	38	2-Methoxyethanol		109-86-4	203-713-7	0.01
IV	39	Acids generated from chromium trioxide and their oligomers	Chromic acid**	7738-94-5	231-801-5	0.01
			Dichromic acid**	13530-68-2	236-881-5	0.01
			Oligomers of chromic acid and dichromic acid**	--	--	0.01
IV	40	Chromium trioxide**		1333-82-0	215-607-8	0.01
IV	41	Cobalt(II) carbonate**		513-79-1	208-169-4	0.01
IV	42	Cobalt(II) diacetate**		71-48-7	200-755-8	0.01
IV	43	Cobalt(II) dinitrate**		10141-05-6	233-402-1	0.01
IV	44	Cobalt(II) sulphate**		10124-43-3	233-334-2	0.01
V	45	1,2,3-Trichloropropane		96-18-4	202-486-1	0.01
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich(DIHP)		71888-89-6	276-158-1	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)*	68515-42-4	271-084-6	0.01
V	48	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.01
V	49	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.01
V	50	Hydrazine	7803-57-8/ 302-01-2	206-114-9	0.01
V	51	Strontium chromate**	7789-06-2	232-142-6	0.01
VI	52	1,2-Dichloroethane	107-06-2	203-458-1	0.01
VI	53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.01
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.01
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.01
VI	56	Aluminosilicate Refractory Ceramic Fibres(RCF)**	--	--	0.01
VI	57	Arsenic acid**	7778-39-4	231-901-9	0.01
VI	58	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01
VI	59	Bis(2-methoxyethyl) phthalate(DMEP)	117-82-8	204-212-6	0.01
VI	60	Calcium arsenate**	7778-44-1	231-904-5	0.01
VI	61	Dichromium tris(chromate)**	24613-89-6	246-356-2	0.01
VI	62	Formaldehyde, oligomeric reaction products with aniline(technical MDA)	25214-70-4	500-036-1	0.01
VI	63	Lead diazide Lead azide **	13424-46-9	236-542-1	0.01
VI	64	Lead dipicrate**	6477-64-1	229-335-2	0.01
VI	65	Lead styphnate**	15245-44-0	239-290-0	0.01
VI	66	N,N-dimethylacetamide(DMAC)	127-19-5	204-826-4	0.01
VI	67	Pentazinc chromate octahydroxide**	49663-84-5	256-418-0	0.01
VI	68	Phenolphthalein	77-09-8	201-004-7	0.01
VI	69	Potassium hydroxyoctaoxodizincatedichromate**	11103-86-9	234-329-8	0.01
VI	70	Trilead diarsenate**	3687-31-8	222-979-5	0.01
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres(Zr-RCF)**	--	--	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
VII	72	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	0.01
VII	73	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01
VII	74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione(TGIC)	2451-62-9	219-514-3	0.01
VII	75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione(β -TGIC)	59653-74-6	423-400-0	0.01
VII	76	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.01
VII	77	4,4'-bis(dimethylamino) benzophenone(Michler's ketone)	90-94-8	202-027-5	0.01
VII	78	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	0.01
VII	79	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.01
VII	80	Diboron trioxide**	1303-86-2	215-125-8	0.01
VII	81	Formamide	75-12-7	200-842-0	0.01
VII	82	Lead(II)bis(methanesulfonate) **	17570-76-2	401-750-5	0.01
VII	83	N,N,N',N'-tetramethyl-4,4'-methylenedi aniline(Michler's base)	101-61-1	202-959-2	0.01
VII	84	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01
VIII	85	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.01
VIII	86	1,2-Diethoxyethane	629-14-1	211-076-1	0.01
VIII	87	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.01
VIII	88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.01
VIII	89	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.01
VIII	90	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
VIII	91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	--	--	0.01
VIII	92	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.01
VIII	93	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.01
VIII	94	4-Nonylphenol, branched and linear-substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	--	--	0.01
VIII	95	6-methoxy-m-toluidine(p-cresidine)	120-71-8	204-419-1	0.01
VIII	96	[Phthalato(2-)]dioxotrilead(dibasic lead phthalate) **	69011-06-9	273-688-5	0.01
VIII	97	Acetic acid, lead salt, basic**	51404-69-4	257-175-3	0.01
VIII	98	Biphenyl-4-ylamine	92-67-1	202-177-1	0.01
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.01
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride-HHPA)	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.01
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.01
VIII	102	Dibutyltin dichloride(DBTC)	683-18-1	211-670-0	0.01
VIII	103	Diethyl sulphate	64-67-5	200-589-6	0.01
VIII	104	Diisopentylphthalate(DIPP)	605-50-5	210-088-4	0.01
VIII	105	Dimethyl sulphate	77-78-1	201-058-1	0.01
VIII	106	Dinoseb	88-85-7	201-861-7	0.01
VIII	107	Dioxobis(stearato)trilead**	12578-12-0	235-702-8	0.01
VIII	108	Fatty acids, C16-18, lead salts**	91031-62-8	292-966-7	0.01
VIII	109	Furan	110-00-9	203-727-3	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
VIII	110	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.01
VIII	111	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.01
VIII	112	Hexahydromethylphthalic anhy, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01
VIII	113	Lead bis(tetrafluoroborate) **	13814-96-5	237-486-0	0.01
VIII	114	Lead cyanamate**	20837-86-9	244-073-9	0.01
VIII	115	Lead dinitrate**	10099-74-8	233-245-9	0.01
VIII	116	Lead oxide(lead monoxide) **	1317-36-8	215-267-0	0.01
VIII	117	Lead oxide sulfate(basic lead sulfate) **	12036-76-9	234-853-7	0.01
VIII	118	Lead titanium trioxide**	12060-00-3	235-038-9	0.01
VIII	119	Lead Titanium Zirconium Oxide**	12626-81-2	235-727-4	0.01
VIII	120	Methoxy acetic acid	625-45-6	210-894-6	0.01
VIII	121	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.01
VIII	122	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.01
VIII	123	N-methylacetamide	79-16-3	201-182-6	0.01
VIII	124	N-pentyl-isopentylphthalate	776297-69-9	--	0.01
VIII	125	o-aminoazotoluene	97-56-3	202-591-2	0.01
VIII	126	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.01
VIII	127	Lead tetroxide(orange lead) **	1314-41-6	215-235-6	0.01
VIII	128	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.01
VIII	129	Pentalead tetraoxide sulphate**	12065-90-6	235-067-7	0.01
VIII	130	Pyrochlore, antimony lead yellow**	8012-00-8	232-382-1	0.01
VIII	131	Silicic acid, barium salt, lead-doped**	68784-75-8	272-271-5	0.01
VIII	132	Silicic acid, lead salt**	11120-22-2	234-363-3	0.01
VIII	133	Sulfurous acid, lead salt, dibasic**	62229-08-7	263-467-1	0.01
VIII	134	Tetraethyllead**	78-00-2	201-075-4	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
VIII	135	Tetralead trioxide sulphate**	12202-17-4	235-380-9	0.01
VIII	136	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.01
VIII	137	Basic lead carbonate(trilead bis(carbonate)dihydroxide) **	1319-46-6	215-290-6	0.01
VIII	138	Trilead dioxide phosphonate**	12141-20-7	235-252-2	0.01
IX	139	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol , ethoxylated covering UVCB- and well-defined substances, polymers and homologues]	--	--	0.01
IX	140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.01
IX	141	Cadmium **	7440-43-9	231-152-8	0.01
IX	142	Cadmium oxide **	1306-19-0	215-146-2	0.01
IX	143	Dipentyl phthalate(DPP)	131-18-0	205-017-9	0.01
IX	144	Pentadecafluorooctanoic acid(PFOA)	335-67-1	206-397-9	0.01
X	145	Cadmium sulphide**	1306-23-6	215-147-8	0.01
X	146	Diethyl phthalate	84-75-3	201-559-5	0.01
X	147	C.I. Direct Red 28	573-58-0	209-358-4	0.01
X	148	C.I. Direct Black 38	1937-37-7	217-710-3	0.01
X	149	2-imidazoline-2-thiol	96-45-7	202-506-9	0.01
X	150	Lead di(acetate)**	301-04-2	206-104-4	0.01
X	151	Triethyl phosphate	25155-23-1	246-677-8	0.01
XI	152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5	0.01
XI	153	Cadmium chloride**	10108-64-2	233-296-7	0.01
XI	154	Sodium perborate; perboric acid, sodium salt**	--	--	0.01
XI	155	Sodium peroxometaborate**	7632-04-4	231-556-4	0.01
XII	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentyl phenol(UV-328)	25973-55-1	247-384-8	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol(UV-320)	3846-71-7	223-346-6	0.01
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.01
XII	159	Cadmium fluoride**	7790-79-6	232-222-0	0.01
XII	160	Cadmium sulphate**	10124-36-4/ 31119-53-6	233-331-6	0.01
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	--	0.01
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5, 68648-93-1	271-094-0 272-013-1	0.01
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	--	--	0.01
XIV	164	1,3-propanesultone	1120-71-4	214-317-9	0.01
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)	3864-99-1	223-383-8	0.01
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol(UV-350)	36437-37-3	253-037-1	0.01
XIV	167	Nitrobenzene	98-95-3	202-716-0	0.01
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01
XV	169	Benzo[def]chrysene(Benzo[a]pyrene)	50-32-8	200-028-5	0.01
XVI	170	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	80-05-7	201-245-8	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
XVI	171	4-heptylphenol, branched and linear[substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB-and well-defined substance which include any of the individual isomers or a combination thereof]	--	--	0.01
XVI	172	Nonadecafluorodecanoic acid(PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	221-470-5 206-400-3 --	0.01
XVI	173	p-(1,1-Dimethylpropyl)phenol	80-46-6	201-280-9	0.01
XVII	174	Perfluorohexyl sulfonic acid and its salts (PFHxS)	355-46-4	206-587-1	0.01
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.0 2,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	--	0.01
XVIII	176	Benzo (a) anthracene	56-55-3	200-280-6	0.01
XVIII	177	Cadmium carbonate**	513-78-0	208-168-9	0.01
XVIII	178	Cadmium hydroxide**	21041-95-2	244-168-5	0.01
XVIII	179	Cadmium nitrate**	10325-94-7	233-710-6	0.01
XVIII	180	Chrysene	218-01-9	205-923-4	0.01
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	--	--	0.01
XIX	182	1,2,4-Benzenetricarboxylic anhydride (Trimellitic anhydride, TMA)	552-30-7	209-008-0	0.01
XIX	183	Benzo[g,h,i]perylene	191-24-2	205-883-8	0.01
XIX	184	Decamethylcyclopentasiloxane(D5)	541-02-6	208-764-9	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.01
XIX	186	Disodium octaborate**	12008-41-2	234-541-0	0.01
XIX	187	Dodecamethylcyclotetrasiloxane(D6)	540-97-6	208-762-8	0.01
XIX	188	Ethylenediamine(EDA)	107-15-3	203-468-6	0.01
XIX	189	Lead**	7439-92-1	231-100-4	0.01
XIX	190	Octamethylcyclotetrasiloxane(D4)	556-67-2	209-136-7	0.01
XIX	191	Terphenyl hydrogenated	61788-32-7	262-967-7	0.01
XX	192	1,7,7-trimethyl-3-(phenylmethylene)-bicyclo-[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.01
XX	193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01
XX	194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01
XX	195	Fluoranthene	206-44-0	205-912-4	0.01
XX	196	Phenanthrene	85-01-8	201-581-5	0.01
XX	197	Pyrene	129-00-0	204-927-3	0.01
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	--	0.01
XXI	199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01
XXI	200	4-tert-butylphenols	98-54-4	202-679-0	0.01
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	0.01
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.01
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.01
XXII	204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	0.01
XXIII	206	1-vinylimidazole	1072-63-5	214-012-0	0.01
XXIII	207	2-methylimidazole	693-98-1	211-765-7	0.01
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O') tin	22673-19-4	245-152-0	0.01
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.01
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	--	0.01
XXV	212	Phenol, alkylation products (mainly in paraposition) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	--	--	0.01
XXV	213	Orthoboric acid, sodium salt**	--	--	0.01
XXV	214	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	--	--	0.01
XXV	215	Glutaral	111-30-8	203-856-5	0.01
XXV	216	4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	77-40-7	201-025-1	0.01
XXV	217	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	--	0.01
XXV	218	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis (bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0; 36483-57-5/ 1522-92-5; 96-13-9	221-967-7; 253-057-0; 202-480-9	0.01
XXV	219	1,4-dioxane	123-91-1	204-661-8	0.01
XXVI	220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.01
XXVI	221	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
XXVI	222	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--	--	0.01
XXVI	223	S-(tricyclo(5.2.1.0 ^{2,6})deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.01
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01
XXVIII	225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1	253-692-3	0.01
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidene diphenol (TBBP-A)	79-94-7	201-236-9	0.01
XXVIII	227	4,4'-sulphonyldiphenol (BPS)	80-09-1	201-250-5	0.01
XXVIII	228	Barium diboron tetraoxide**	13701-59-2	237-222-4	0.01
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	--	--	0.01
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.01
XXVIII	231	Melamine	108-78-1	203-615-4	0.01
XXVIII	232	Perfluoroheptanoic acid (PFHpA) and its salts	--	--	0.01
XXVIII	233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	--	473-390-7	0.01
XXIX	234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01
XXIX	235	Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	278-355-8	0.01
XXX	236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.01
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	221-573-5	0.01
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.01

Batch	Code	Substance Name	CAS No.	EC No.	Report Limit (%)
XXX	239	Bumetrizole (UV-326)	3896-11-5	223-445-4	0.01
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	700-960-7	0.01
XXXI	241	Bis(α,α -dimethylbenzyl) peroxide	80-43-3	201-279-3	0.01
XXXII	242	Triphenyl phosphate	115-86-6	204-112-2	0.01
XXXIII	243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.01
XXXIII	244	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.01
XXXIII	245	Octamethyltrisiloxane	107-51-7	203-497-4	0.01
XXXIII	246	Perfluamine	338-83-0	206-420-2	0.01
XXXIII	247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.01

Note:

1. mg/kg =ppm= 10^{-6}
2. % =w/w
3. N.D. :< Report Limit
4. *The detected DHNUP are consisted of six phthalates which CAS number are 85507-79-5, 68515-44-6, 68515-45-7, 111381-89-6, 111381-90-9 and 111381-91-0. according to the Annex 15 of REACH.
5. ** According to the 5.2.1 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily "the substance" which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA "Guidance on requirements for substances in articles".

Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.

2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.

2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 31 and Annex II of REACH.

3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.

1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.

2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

Photograph of Sample



Fig.1



Fig.2



Fig.3



Fig.4

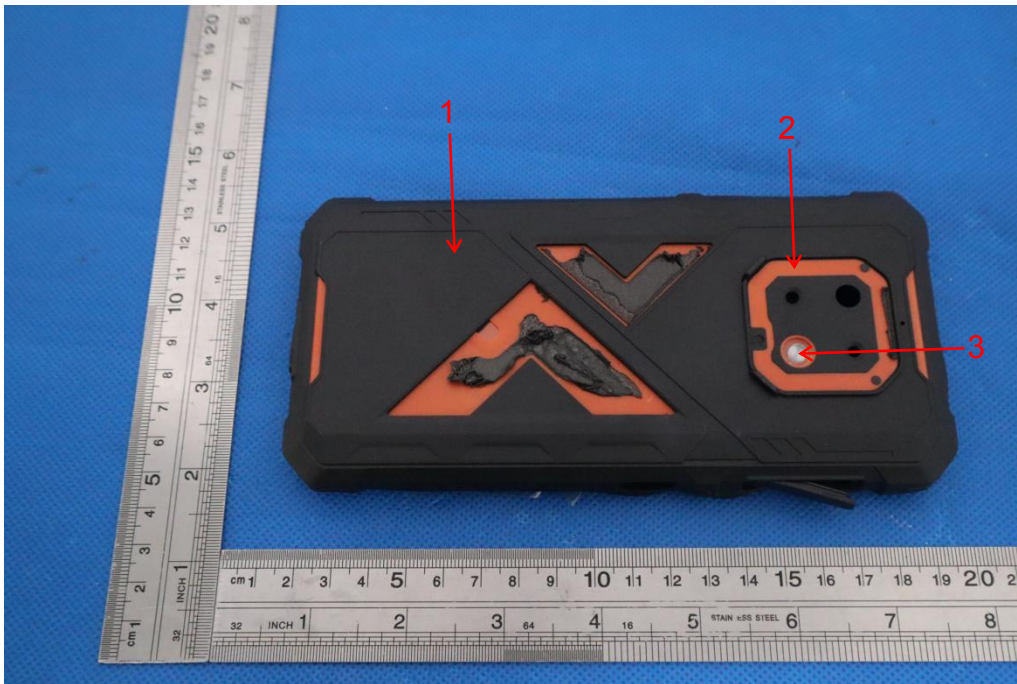


Fig.5

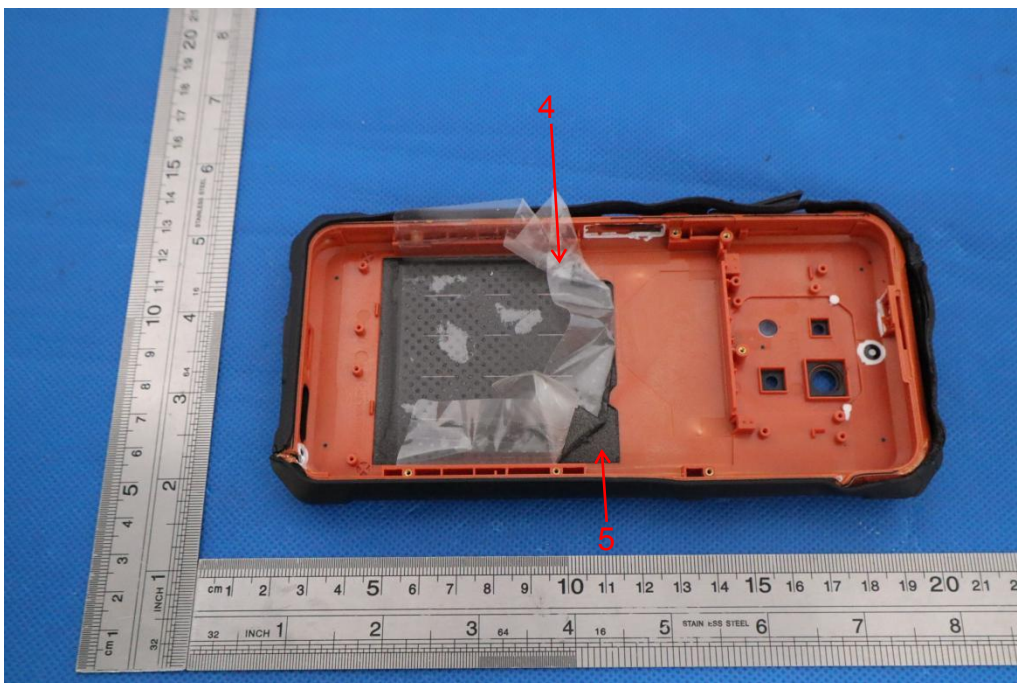
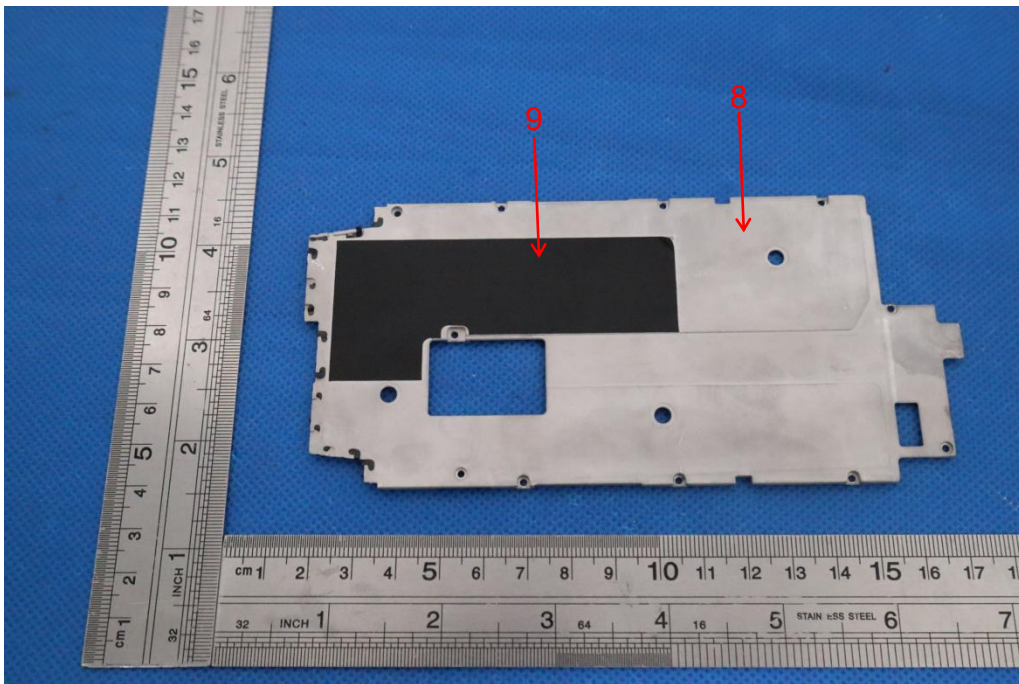


Fig.6


Fig.7

Fig.8

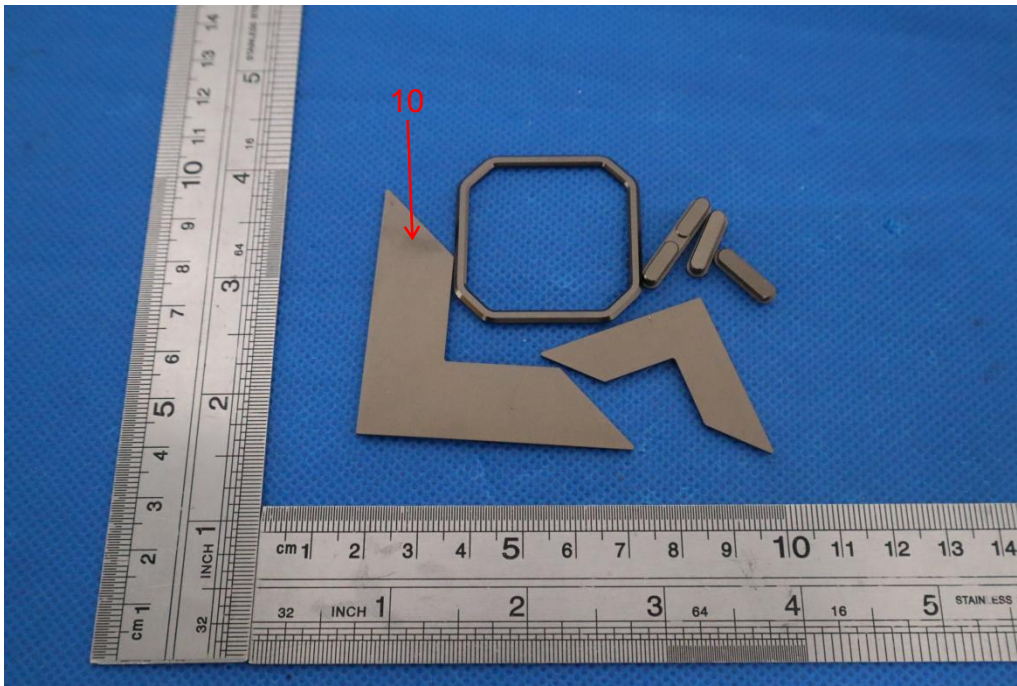


Fig.9

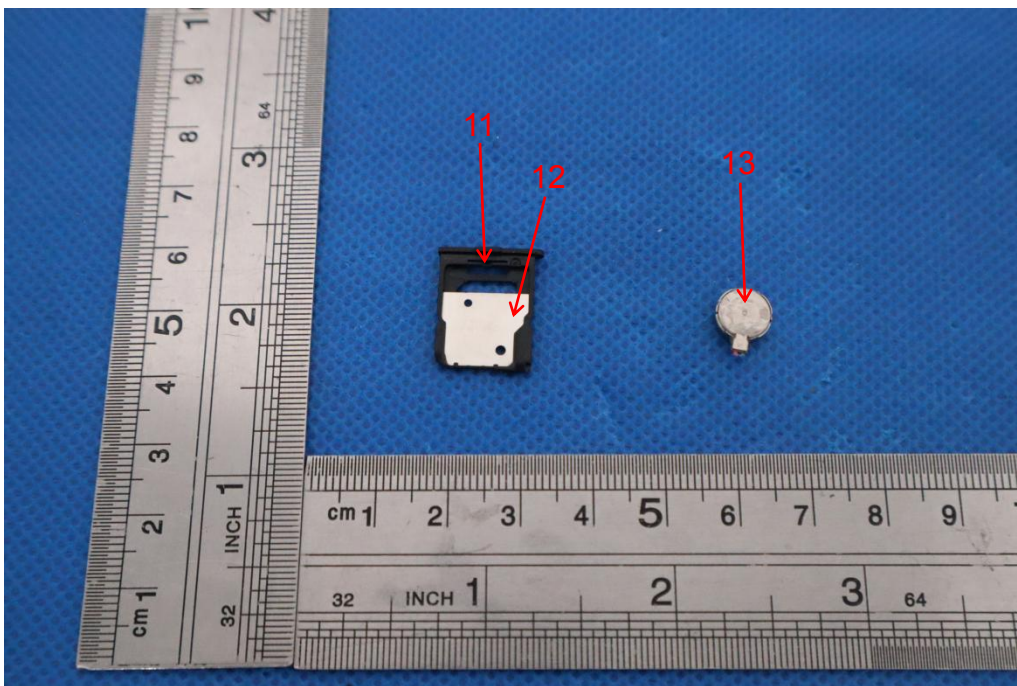


Fig.10

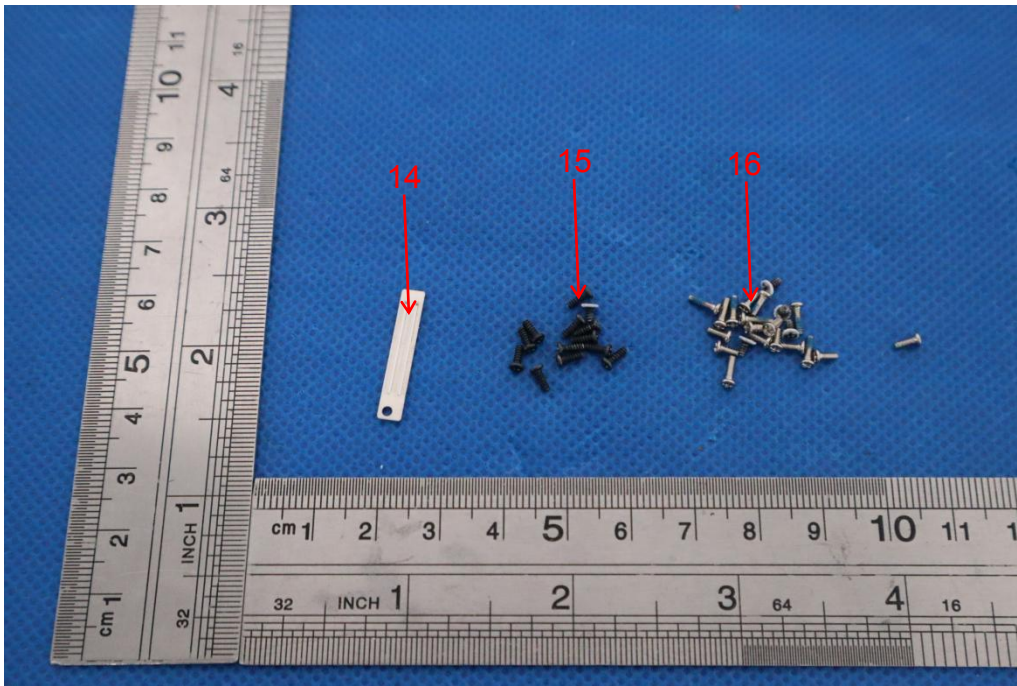


Fig.11



Fig.12

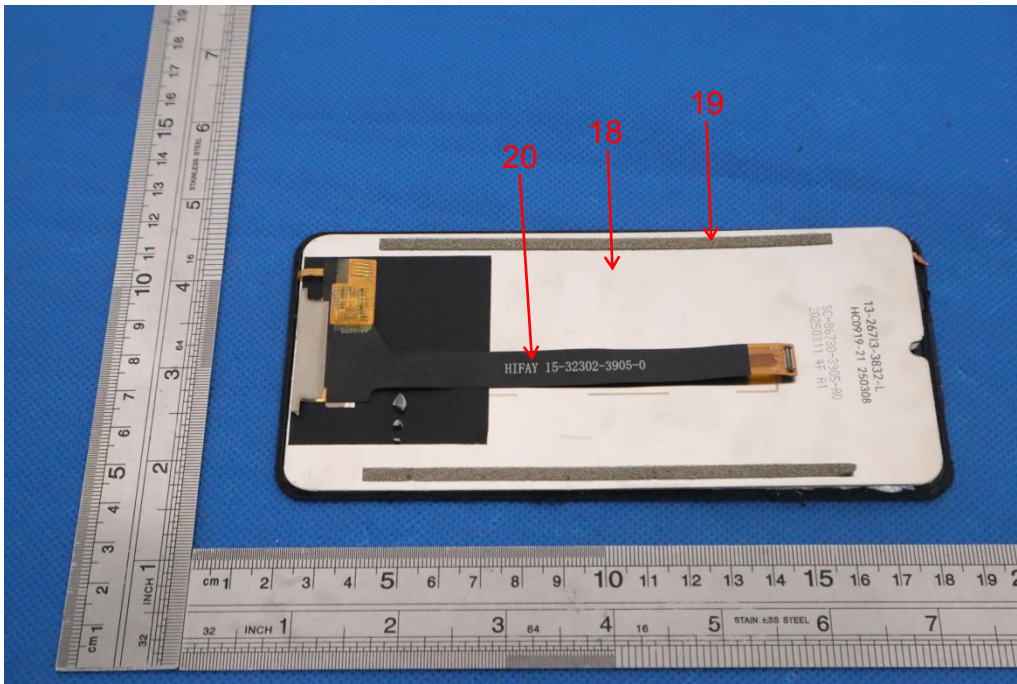


Fig.13

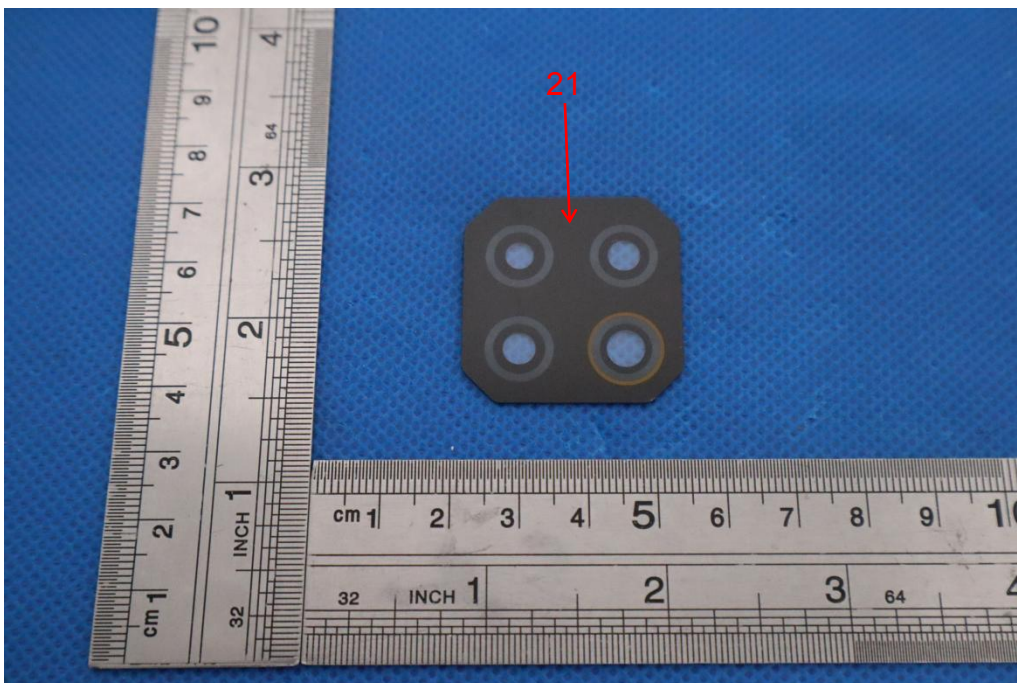


Fig.14

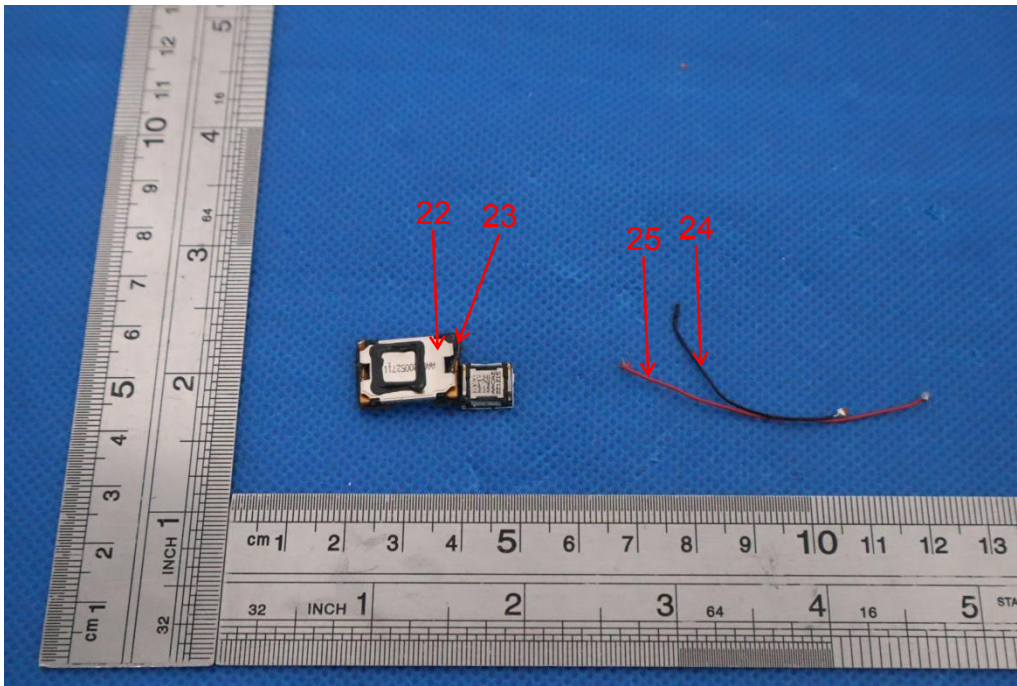


Fig.15

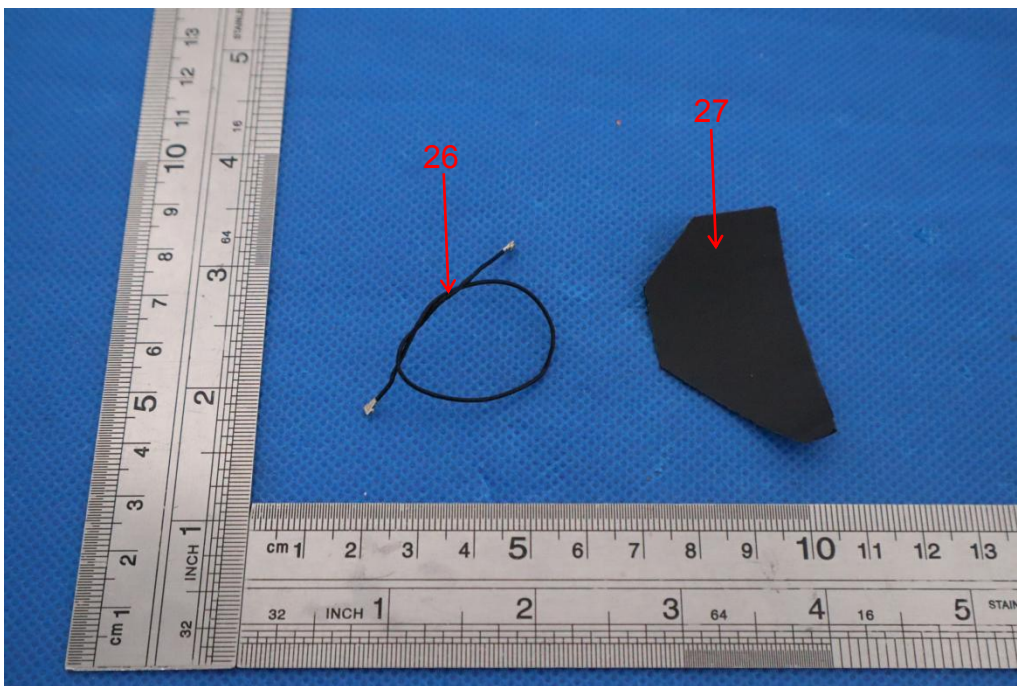


Fig.16

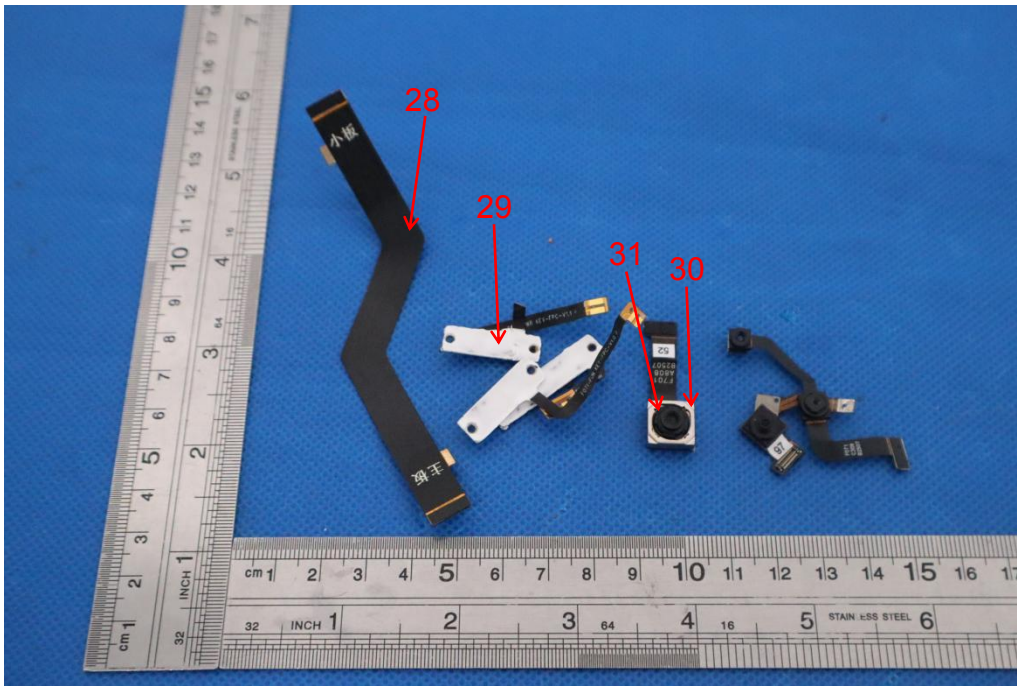


Fig.17

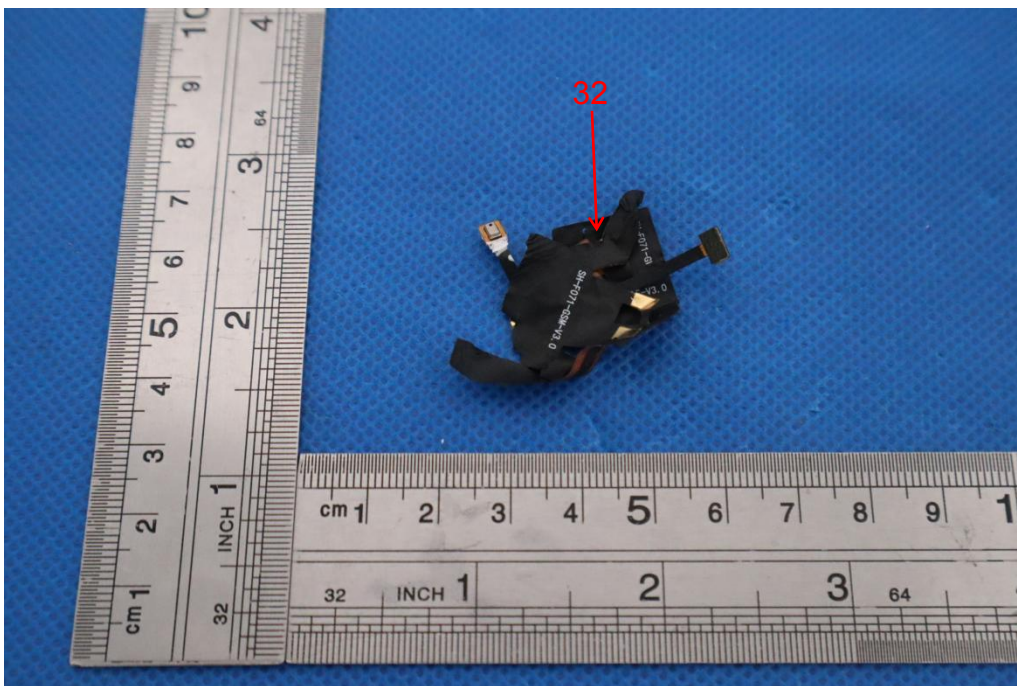


Fig.18

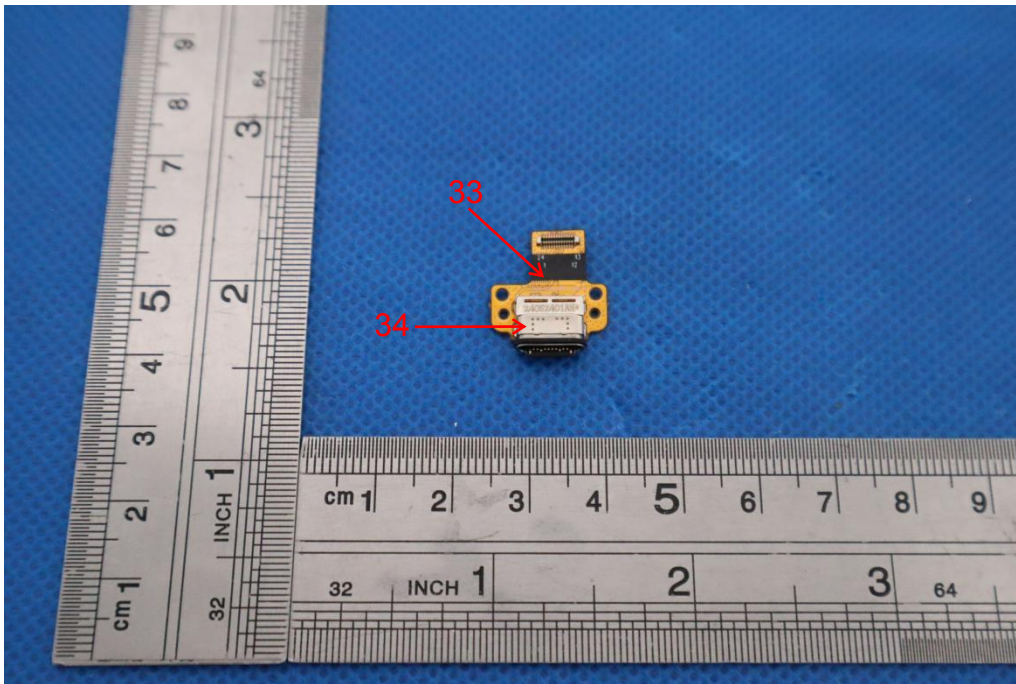


Fig.19

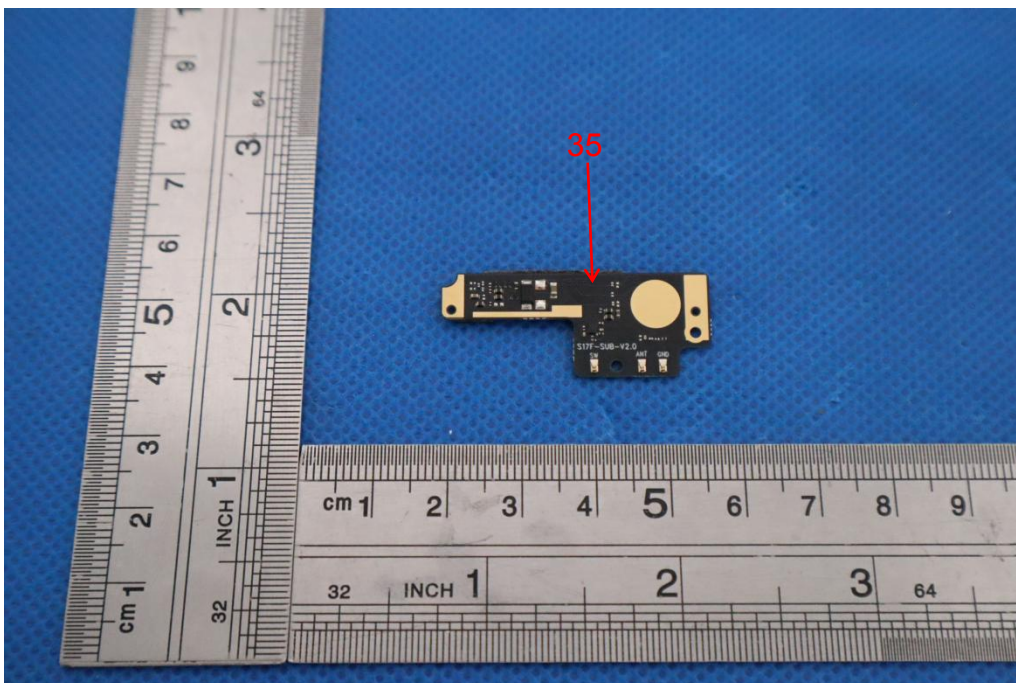


Fig.20

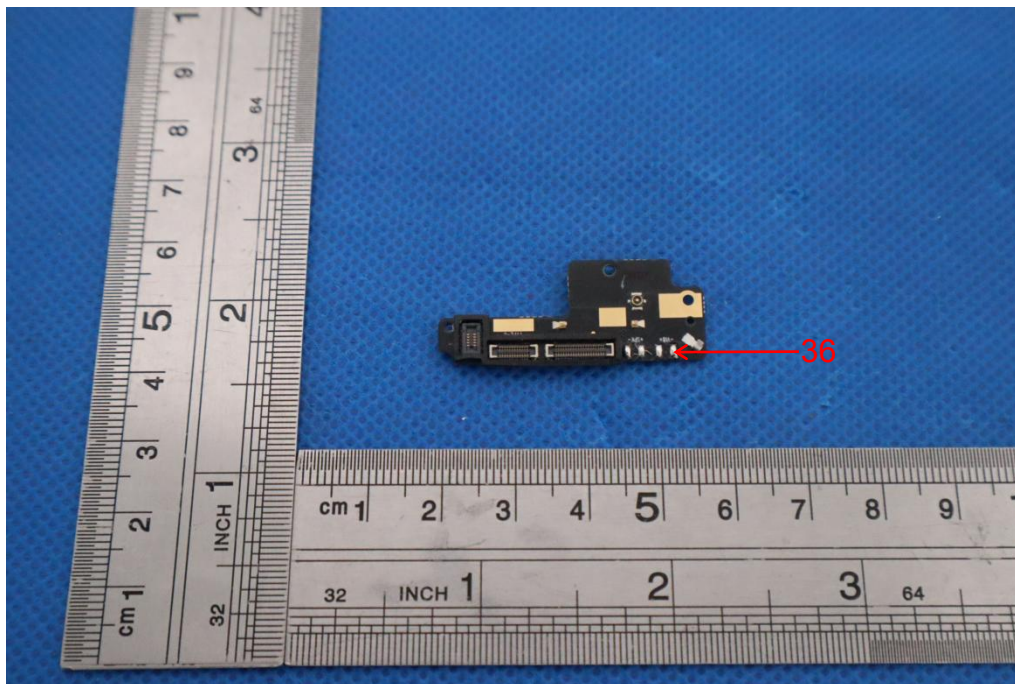


Fig.21

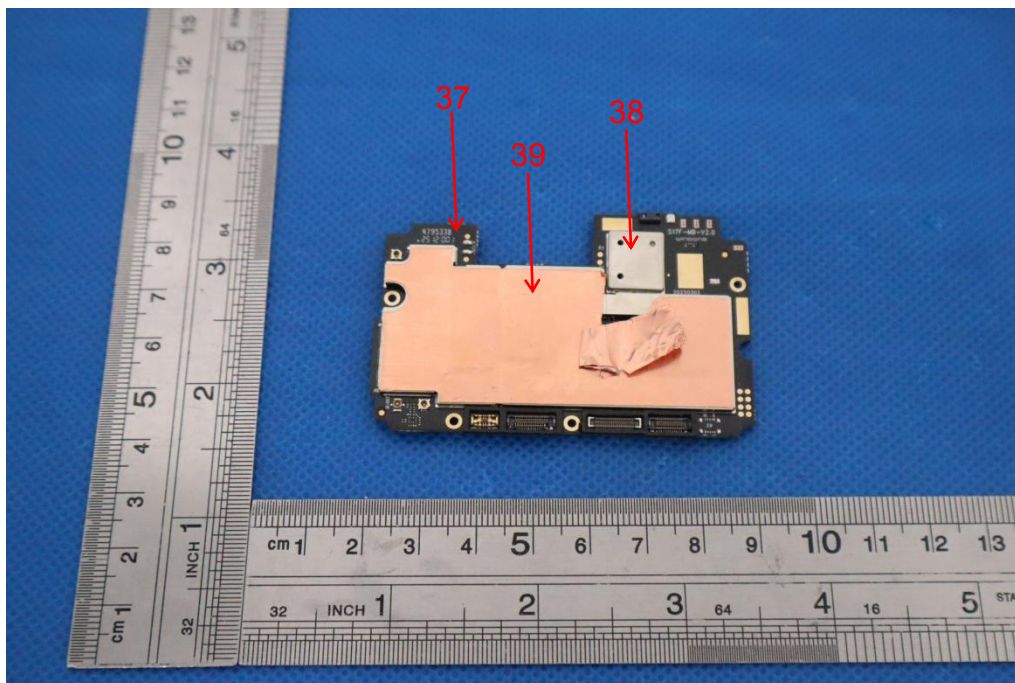


Fig.22

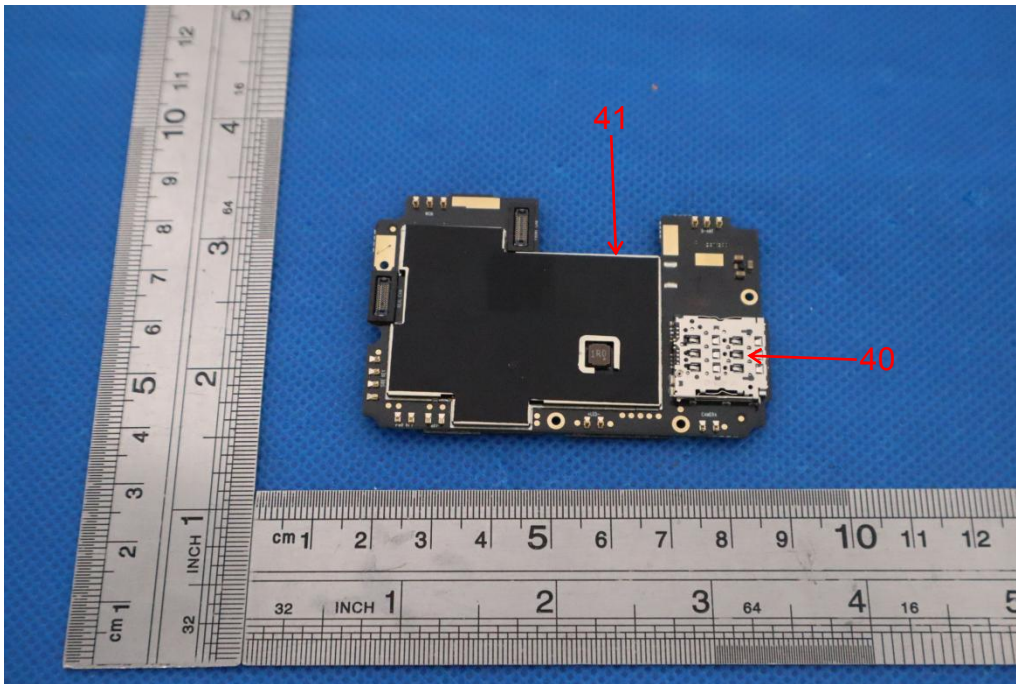


Fig.23

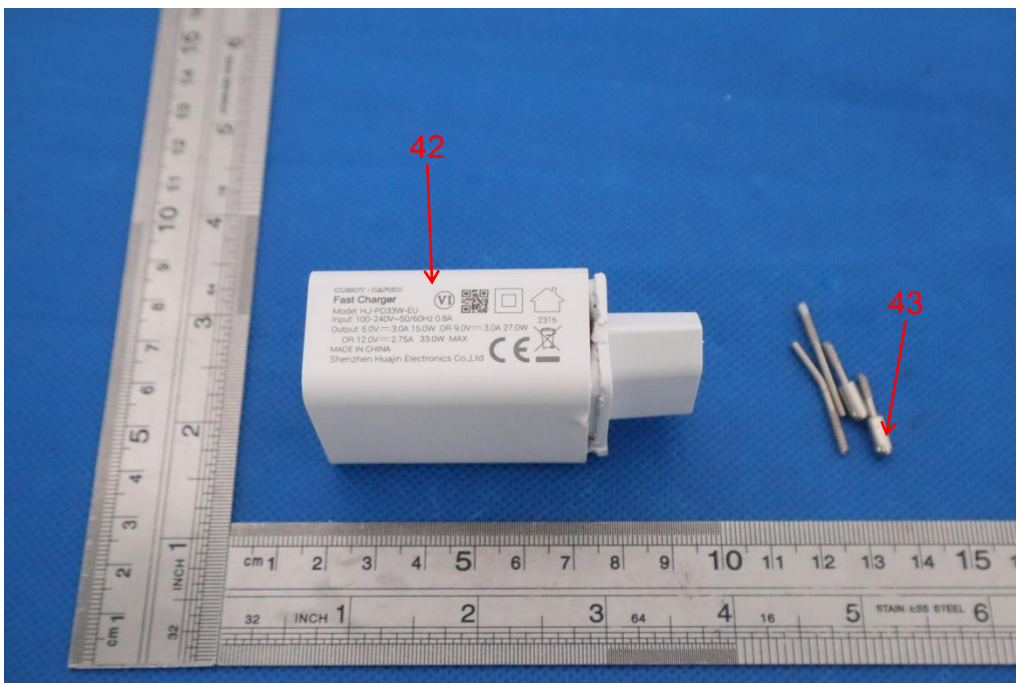


Fig.24

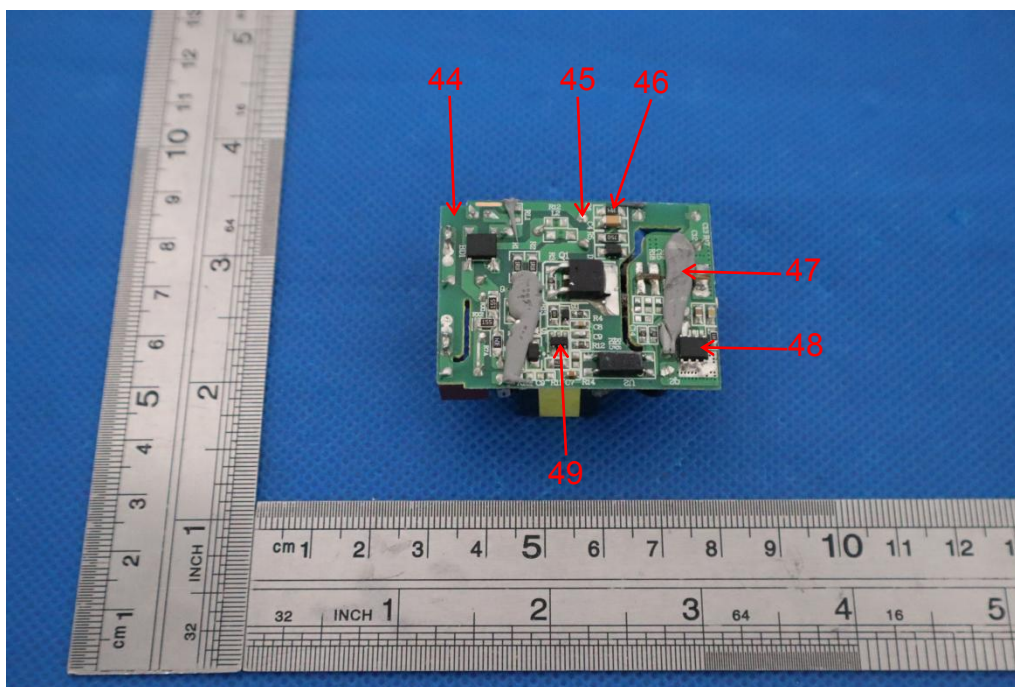


Fig.25

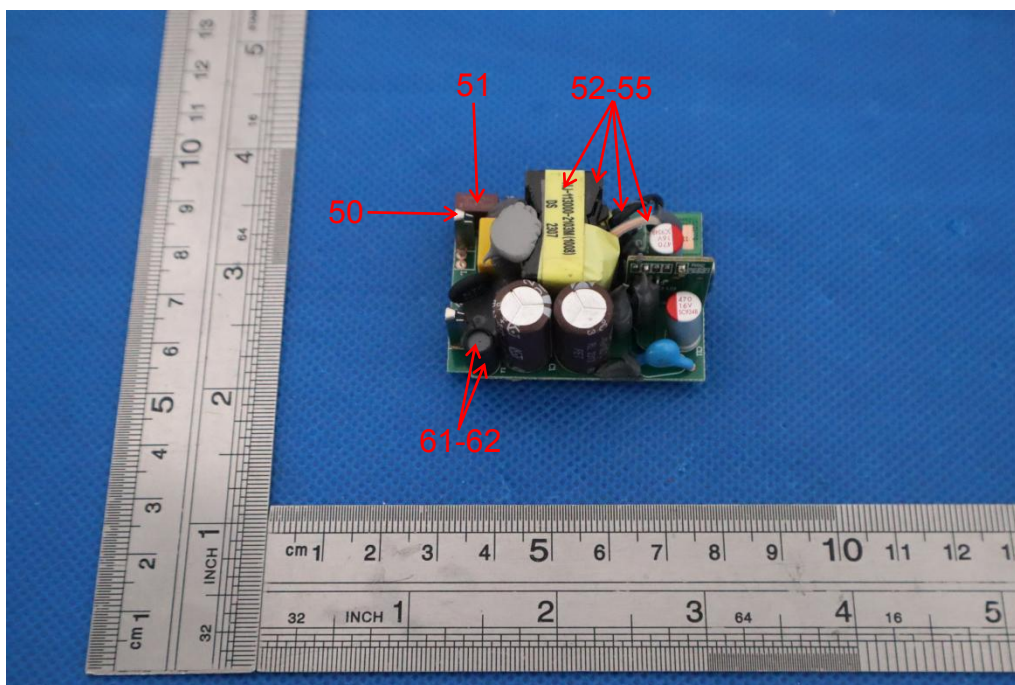


Fig.26

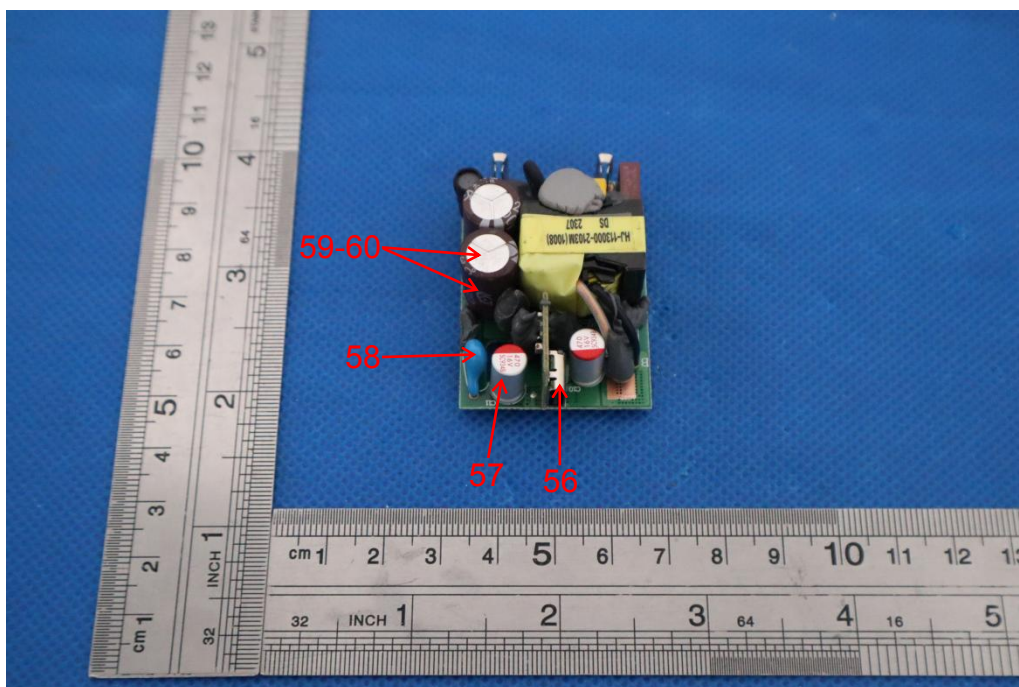


Fig.27

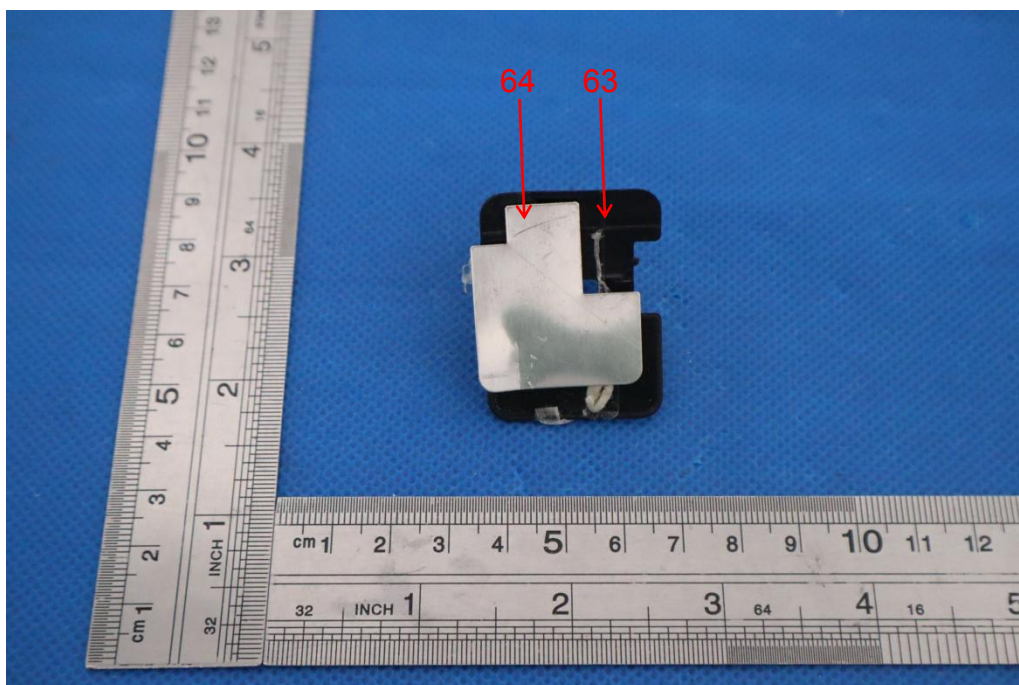


Fig.28

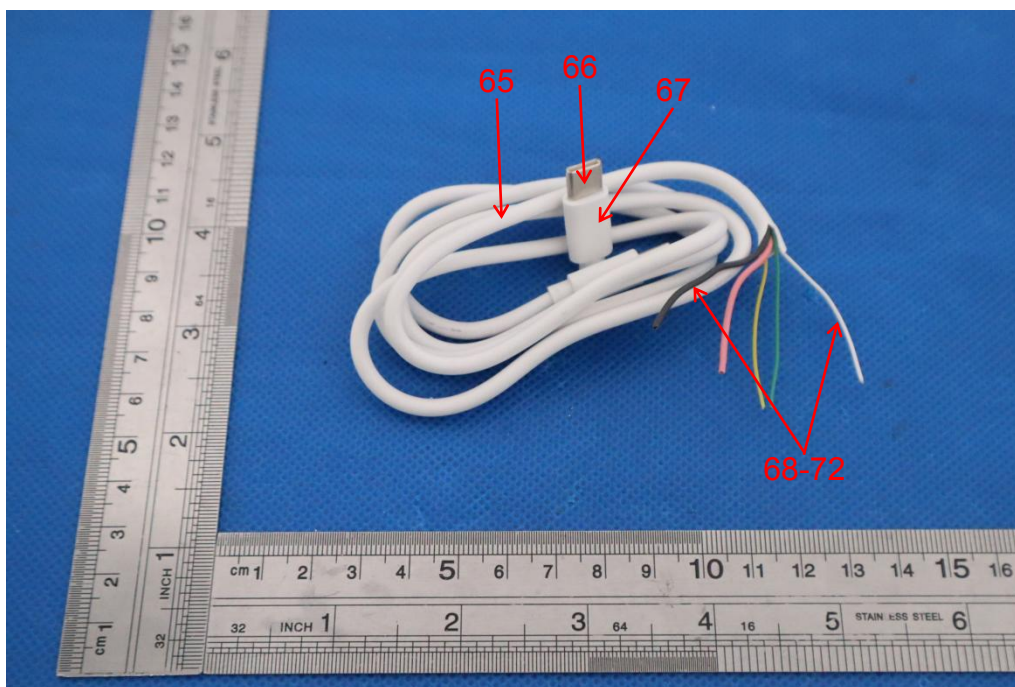


Fig.29

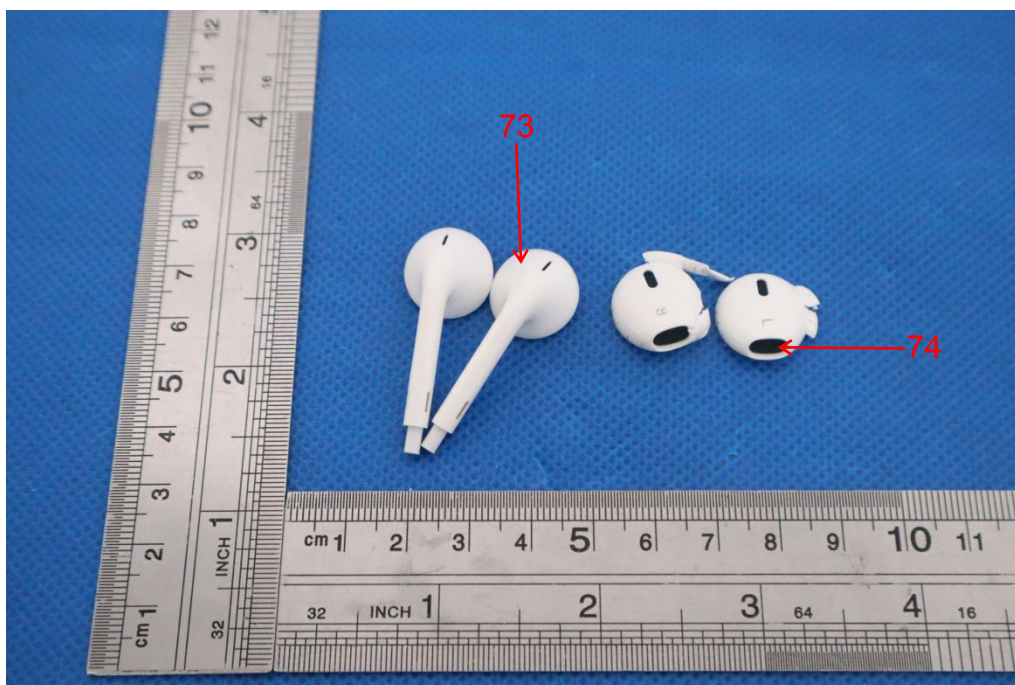


Fig.30

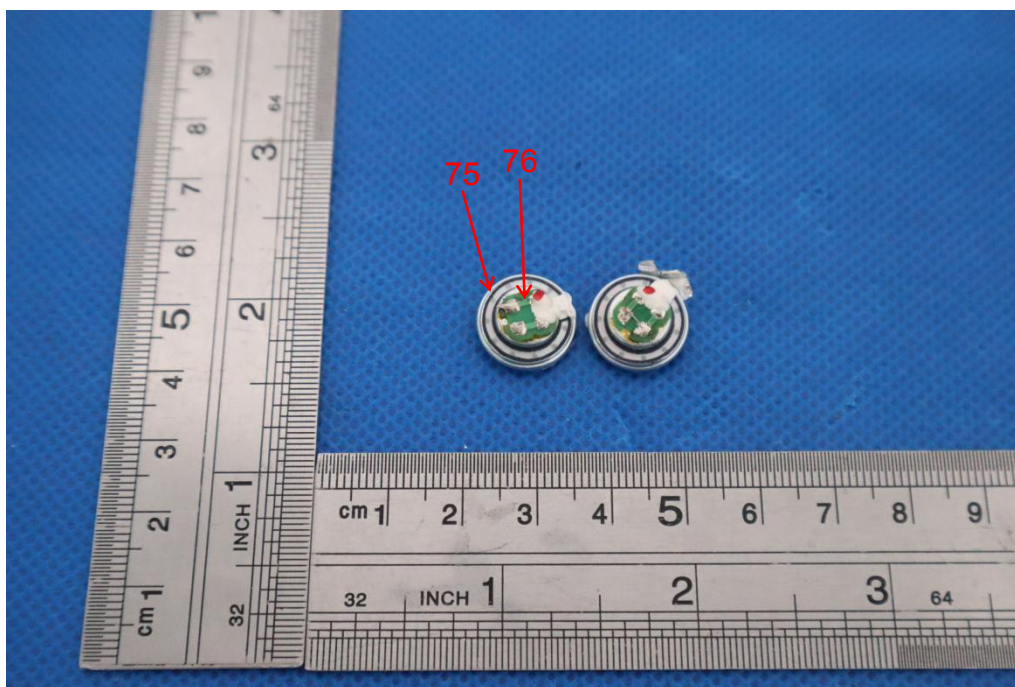


Fig.31

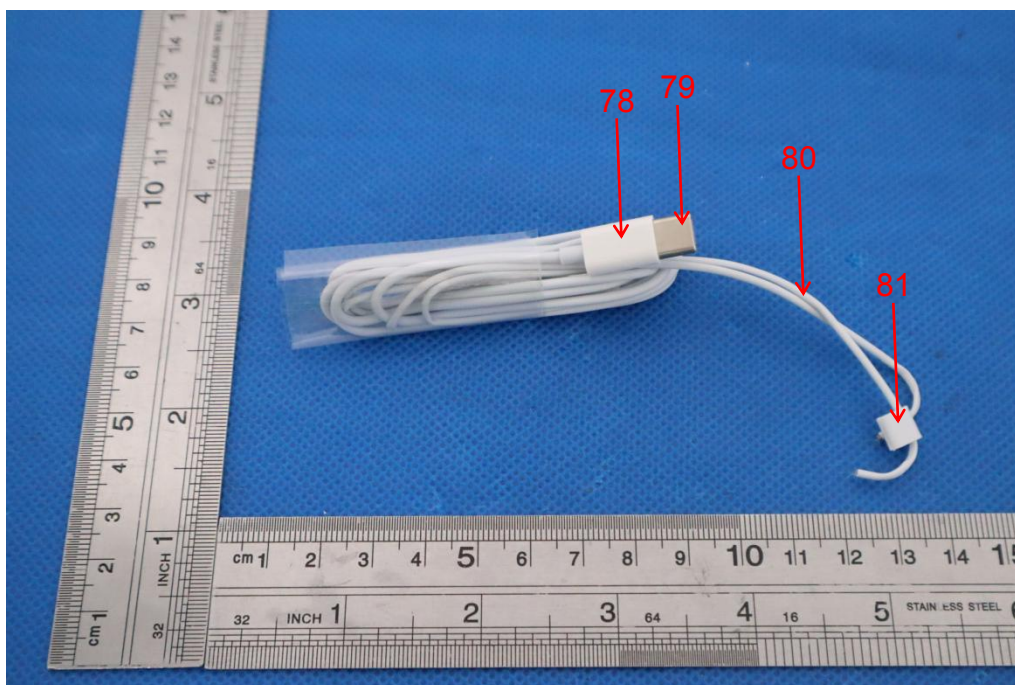


Fig.32

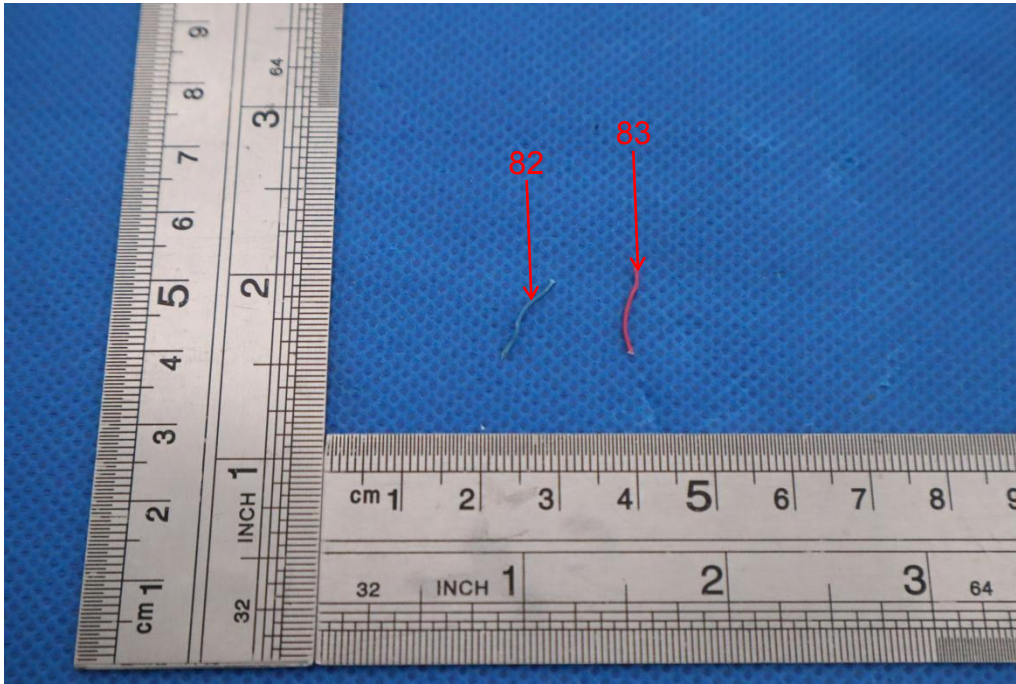

Fig.33

Fig.34

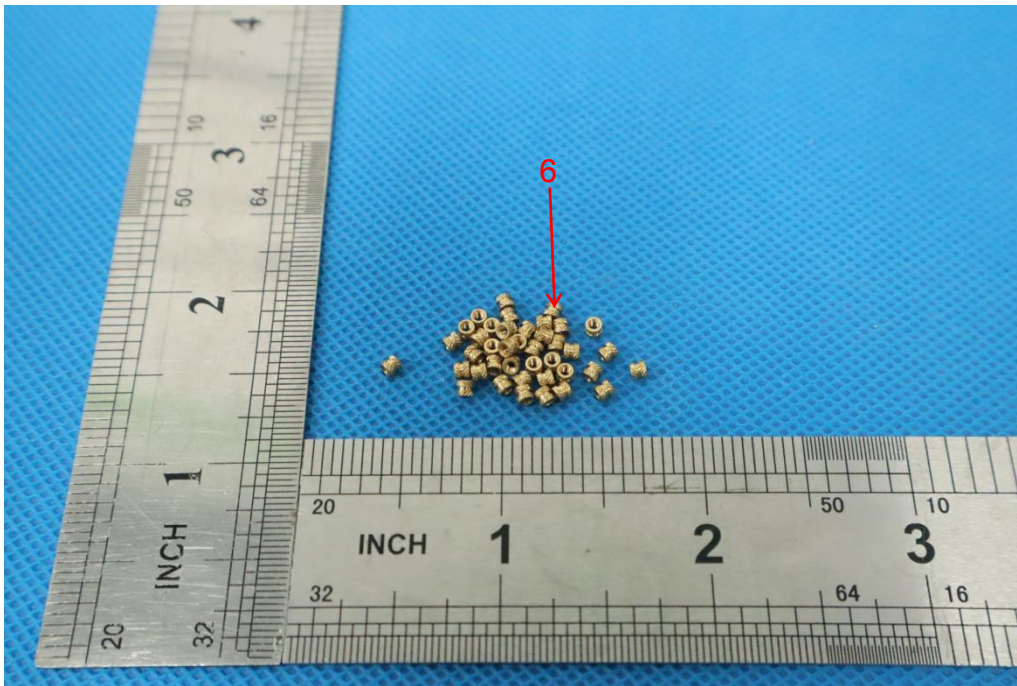


Fig.35

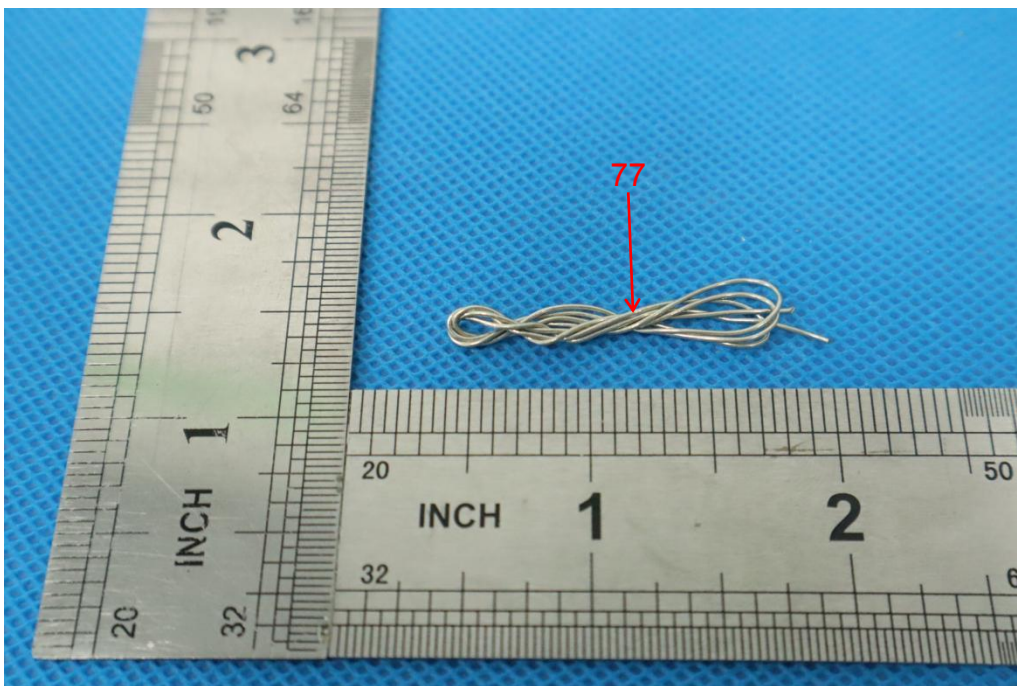


Fig.36

STATEMENT

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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Complaint/Advice E-mail : advice@bctc-lab.com.cn

***** END *****