

Test Report

Report No.: ELE2308C12540

Date: Aug. 21, 2023

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Applicant: Shenzhen DOOGEE Hengtong Technology CO., LTD
B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial
Address: Zone, Guanlan Aobei Community, Guanlan Street, Longhua New District, Shenzhen,
Guangdong China

The following sample was submitted and identified by/on behalf of the client as:

Product Name: Tablet
Model No.: U10
Client Reference Information: U10Pro, U10Kid, U10Max, U10Ultra, U10Mini, U9, U9Kid, U9Pro, U9Max, U9Ultra
Manufacturer: Shenzhen DOOGEE Hengtong Technology CO., LTD
Address: B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22, Dafu
Industrial Zone, Guanlan Aobei Community, Guanlan Street, Longhua New District,
Shenzhen, Guangdong China
Sample Received Date: 2023.8.14
Testing Period: 2023.8.14—2023.8.21
Test Method: Please refer to the following page(s).
Test Result(s): Please refer to the following page(s).

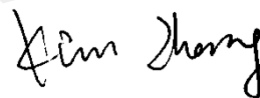
Test Requested

As specified by client, according to RoHS Directive 2011/65/EU with amendment (EU) 2015/863, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr (VI)), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), Phthalates (DBP, BBP, DEHP, DIBP) in the tested materials of the submitted sample(s).

Result

Pass

Signed for and on behalf of
Shenzhen Element Testing Co., Ltd.



Kim Zhang
Technical Manager



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Tested Result:
1. Screening Result

With reference to IEC 62321-3-1:2013, by XRF

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr ^v	Br ^v		
						PBB	PBDE	
1	Transparent plastic with black coating	BL	BL	BL	BL	BL	BL	2023-08-16
2	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
3	Grey plastic	BL	BL	BL	BL	BL	BL	2023-08-16
4	White adhesive paper	BL	BL	BL	BL	BL	BL	2023-08-16
5	Black adhesive textile	BL	BL	BL	BL	BL	BL	2023-08-16
6	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
7	Black adhesive plastic	BL	BL	BL	BL	BL	BL	2023-08-16
8	Black adhesive plastic	BL	BL	BL	BL	BL	BL	2023-08-16
9	Black FPC	BL	BL	BL	BL	BL	BL	2023-08-16
10	Silvery adhesive textile	BL	BL	BL	BL	BL	BL	2023-08-16
11	Blue solid glue	BL	BL	BL	BL	BL	BL	2023-08-16
12	Grey solid glue	BL	BL	BL	BL	BL	BL	2023-08-16
13	Transparent adhesive plastic	BL	BL	BL	BL	BL	BL	2023-08-16
14	Yellow solid glue	BL	BL	BL	BL	BL	BL	2023-08-16
15	Black plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
16	White plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
17	Red plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
18	Beige plastic	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
19	White adhesive plastic	BL	BL	BL	BL	BL	BL	2023-08-16

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Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▼]	Br [▼]		
						PBB	PBDE	
20	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
21	Silvery metal wire core	BL	BL	BL	BL	NA	NA	2023-08-16
22	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
23	Black resistor	BL	BL	BL	BL	BL	BL	2023-08-16
24	Black IC	BL	BL	BL	BL	BL	BL	2023-08-16
25	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
26	Green PCB	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
27	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
28	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
29	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
30	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
31	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
32	Golden metal	BL	BL	BL	BL	NA	NA	2023-08-16
33	Beige plastic	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
34	Silvery metal with coppery plating	BL	BL	BL	BL	NA	NA	2023-08-16
35	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
36	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
37	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
38	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
39	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
40	Beige plastic	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21

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Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▼]	Br [▼]		
						PBB	PBDE	
41	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
42	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
43	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
44	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
45	Silvery electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
46	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
47	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
48	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
49	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
50	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
51	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
52	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
53	Black PCB	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
54	Dark silvery adhesive foam	BL	BL	BL	BL	BL	BL	2023-08-16
55	Black adhesive plastic	BL	BL	BL	BL	BL	BL	2023-08-16
56	Black plastic	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
57	Black adhesive textile	BL	BL	BL	BL	BL	BL	2023-08-16
58	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
59	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
60	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
61	Black plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16

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Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▼]	Br [▼]		
						PBB	PBDE	
62	Red plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
63	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
64	Silvery paper	BL	BL	BL	BL	BL	BL	2023-08-16
65	Transparent plastic	BL	BL	BL	BL	BL	BL	2023-08-16
66	Silvery magnet	BL	BL	BL	BL	NA	NA	2023-08-16
67	Coppery metal	BL	BL	BL	BL	NA	NA	2023-08-16
68	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
69	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
70	Black soft plastic	BL	BL	BL	BL	BL	BL	2023-08-16
71	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
72	Red PCB	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
73	Golden metal	BL	BL	BL	BL	NA	NA	2023-08-16
74	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
75	Dark silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
76	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
77	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
78	Black adhesive textile	BL	BL	BL	BL	BL	BL	2023-08-16
79	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
80	Silvery metal screw	BL	BL	BL	BL	NA	NA	2023-08-16
81	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
82	Orange FPC	BL	BL	BL	BL	BL	BL	2023-08-16

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Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▼]	Br [▼]		
						PBB	PBDE	
83	White LED	BL	BL	BL	BL	BL	BL	2023-08-16
84	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
85	Transparent glass	BL	BL	BL	BL	BL	BL	2023-08-16
86	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
87	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
88	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
89	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
90	Black electronic components	BL	BL	BL	BL	BL	BL	2023-08-16
91	Transparent plastic	BL	BL	BL	BL	BL	BL	2023-08-16
92	Silvery magnet	BL	BL	BL	BL	NA	NA	2023-08-16
93	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
94	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
95	Coppery metal	BL	BL	BL	BL	NA	NA	2023-08-16
96	Yellow adhesive plastic tape	BL	BL	BL	BL	BL	BL	2023-08-16
97	Black adhesive plastic tape	BL	BL	BL	BL	BL	BL	2023-08-16
98	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
99	Black PCB	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
100	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
101	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
102	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
103	Black adhesive plastic	BL	BL	BL	BL	BL	BL	2023-08-16

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Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▼]	Br [▼]		
						PBB	PBDE	
104	Black plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
105	Golden metal	BL	BL	BL	BL	NA	NA	2023-08-16
106	Silvery metal wire core	BL	BL	BL	BL	NA	NA	2023-08-16
107	Transparent plastic	BL	BL	BL	BL	BL	BL	2023-08-16
108	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
109	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
110	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
111	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
112	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
113	Silvery plastic	BL	BL	BL	BL	BL	BL	2023-08-16
114	Silvery plastic	BL	BL	BL	BL	BL	BL	2023-08-16
115	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
116	White LED	BL	BL	BL	BL	X	X	2023-08-16 2023-08-21
117	White FPC	BL	BL	BL	BL	BL	BL	2023-08-16
118	Black transparent plastic	BL	BL	BL	BL	BL	BL	2023-08-16
119	Transparent glass with black coating	BL	BL	BL	BL	BL	BL	2023-08-16
120	Transparent glass	BL	BL	BL	BL	BL	BL	2023-08-16
121	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
122	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
123	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
124	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16

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Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▼]	Br [▼]		
						PBB	PBDE	
125	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
126	White plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
127	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
128	Coppery metal	BL	BL	BL	BL	NA	NA	2023-08-16
129	White plastic	BL	BL	BL	BL	BL	BL	2023-08-16
130	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
131	White transparent plastic	BL	BL	BL	BL	BL	BL	2023-08-16
132	Black plastic	BL	BL	BL	BL	BL	BL	2023-08-16
133	Solder	BL	BL	BL	BL	NA	NA	2023-08-16
134	Green PCB	BL	BL	BL	BL	BL	BL	2023-08-16
135	Silvery metal	BL	BL	BL	X	NA	NA	2023-08-16 2023-08-21
136	Silvery metal	BL	BL	BL	BL	NA	NA	2023-08-16
137	Red plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
138	Black plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
139	Green plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16
140	White plastic jacket	BL	BL	BL	BL	BL	BL	2023-08-16

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2. Test result for Chemical Confirmation

(1) The test results of Hexavalent Chromium (Cr(VI))

With reference to IEC 62321-7-1:2015, by visible spectrophotometer (Vis)

Item	Unit	MDL	Results			Limit
			6	30	37	
Hexavalent Chromium (Cr (VI)) #	ug/cm ²	0.10	ND	ND	ND	-

Item	Unit	MDL	Results			Limit
			39	58	81	
Hexavalent Chromium (Cr (VI)) #	ug/cm ²	0.10	ND	ND	ND	-

Item	Unit	MDL	Results			Limit
			101	122	145	
Hexavalent Chromium (Cr (VI)) #	ug/cm ²	0.10	ND	ND	ND	-

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(2) The test results of PBB & PBDE

With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results			Limit
			18	26	33	
Polybrominated Biphenyls (PBB)						
Monobromobiphenyl	mg/kg	5	ND	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)						
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000

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Item	Unit	MDL	Results			Limit
			40	53	56	
Polybrominated Biphenyls (PBB)						
Monobromobiphenyl	mg/kg	5	ND	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)						
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000

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Item	Unit	MDL	Results			Limit
			72	99	116	
Polybrominated Biphenyls (PBB)						
Monobromobiphenyl	mg/kg	5	ND	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)						
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000

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(3) The test results of DBP, BBP, DEHP and DIBP

With reference to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results		Limit
			1+3+56+79+121	2+28+29	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			4+13+19+57	5+10+54+55+118	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			8+97	11+12	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

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Item	Unit	MDL	Results		Limit
			15+16+17+104	18+27+33+38+132	
Dibuyyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			86+88+89	123+125	
Dibuyyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			100+115+127+129+131		
Dibuyyl Phthalate (DBP)	mg/kg	250	ND		1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND		1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND		1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND		1000

Item	Unit	MDL	Results		Limit
			110+111+112+113+114		
Dibuyyl Phthalate (DBP)	mg/kg	250	ND		1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND		1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND		1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND		1000

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Item	Unit	MDL	Results		Limit
			126	137+138+139+140	
Dibuyyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000
Item	Unit	MDL	Results		Limit
			7+14+31+41+61	62+63+64+65+70	
Dibuyyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			77+78+84+91+93	9+26+72+82+83	
Dibuyyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			94+96+99+107+116	53+103+117+134	
Dibuyyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

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Note:

- (1) Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), Vis (for Cr (VI)) and GC-MS (for PBB, PBDE) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ<X <130+3σ≤OL	BL≤70-3σ<X <130+3σ≤OL	BL≤50-3σ<X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ<X	BL≤700-3σ<X	BL≤500-3σ<X
Br	mg/kg	BL≤300-3σ<X	N/A	BL≤250-3σ<X

- (2) The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.
- (3) This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g., plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis is required to obtain quantitative data.

- (4) The maximum permissible limit is quoted from the document 2015/863/EC amending RoHS directive 2011/65/EU:
- (5) ▼=For restricted substances PBB and PBDE, the results show the total Br content; The restricted substance was Cr (VI), and the results showed the total Cr content

- (6) BL =Below Limit
 OL =Over Limit
 X =Inconclusive
 3σ= The reproducibility of analytical instruments
 N/A= Not applicable
 MDL = Method Detection Limit
 mg/kg = ppm=parts per million
 ND=Not Detected (<MDL or LOQ)

- (7) # = a. The sample is positive for Cr (VI) if the Cr (VI) concentration is greater than 0.13ug/cm². The sample coating is considered to contain Cr (VI)
 b. The sample is negative for Cr (VI) if Cr (VI) is ND (concentration less than 0.10ug/cm²). The sample coating is considered a non- Cr (VI) based coating
 c. The result between 0.10μg/cm² and 0.13μg/cm² is considered to be inconclusive, unavoidable coating variations may influence the determination

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- (8) Information on storage conditions and production date of the tested samples is unavailable and this Cr (VI) results represent status of the sample at the time of testing
- (9) According to the client's statement,
- ^①RoHS Exemption: 6(a)-I an alloying element in steel for machining purposes containing up to 0.35 % lead by weight and in galvanized steel containing up to 0.20 % lead by weight.
 - ^②RoHS Exemption: 6(b)-II Aluminum alloy for machining purposes containing up to 0.4% lead by weight.
 - ^③RoHS Exemption: 6(c), Copper alloy containing up to 4 % lead by weight.
 - ^④RoHS Exemption: 7(c)-I, 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
- (10) ^(R)=Re-submitted sample.
- (11) The test report is only used for the purpose of customer research, teaching, internal quality control, product development and other purposes, and is for internal reference only.
- (12) Only selected materials were tested as per client's requirement.

Test Report

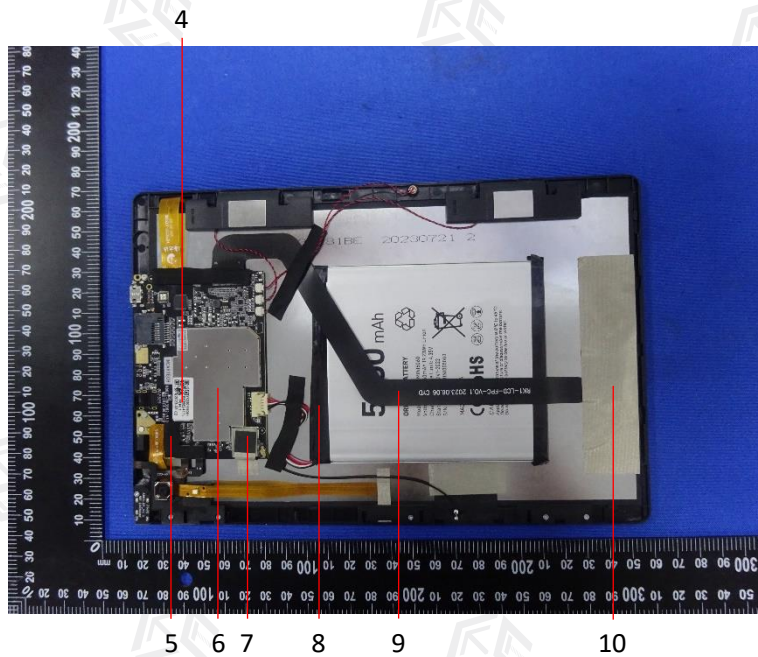
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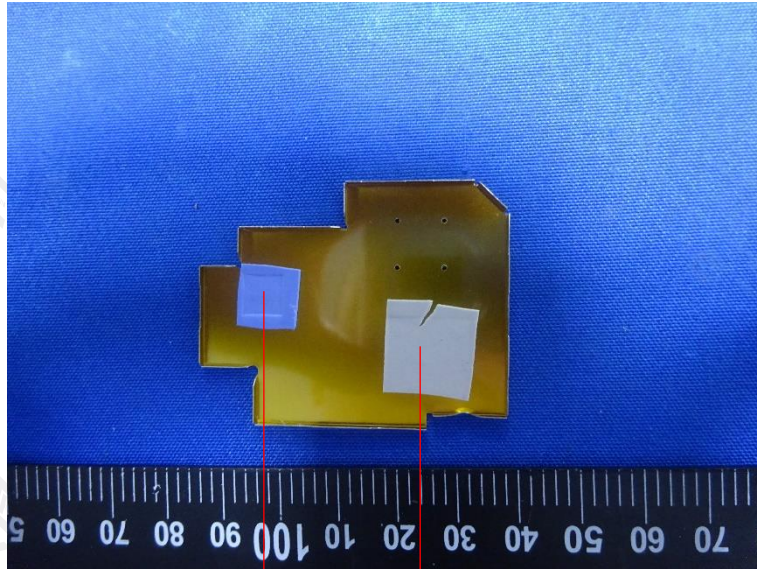
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Photo(s) of the sample(s)



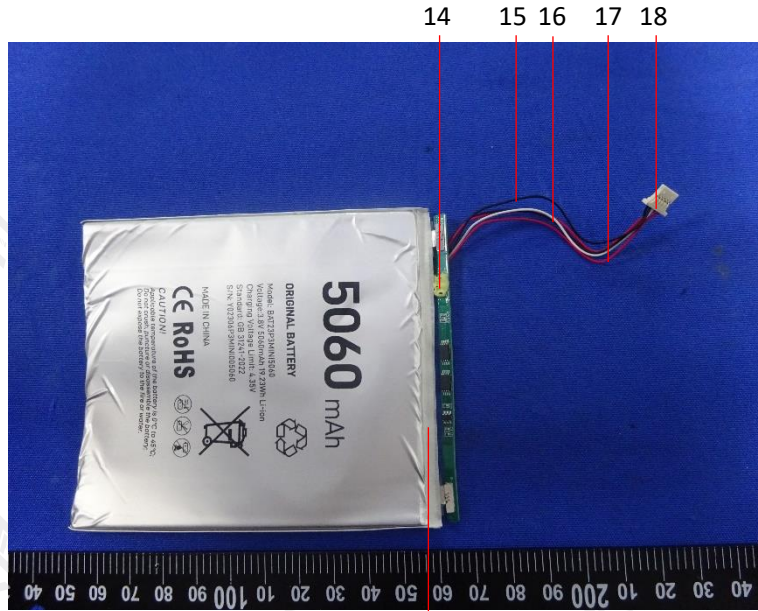




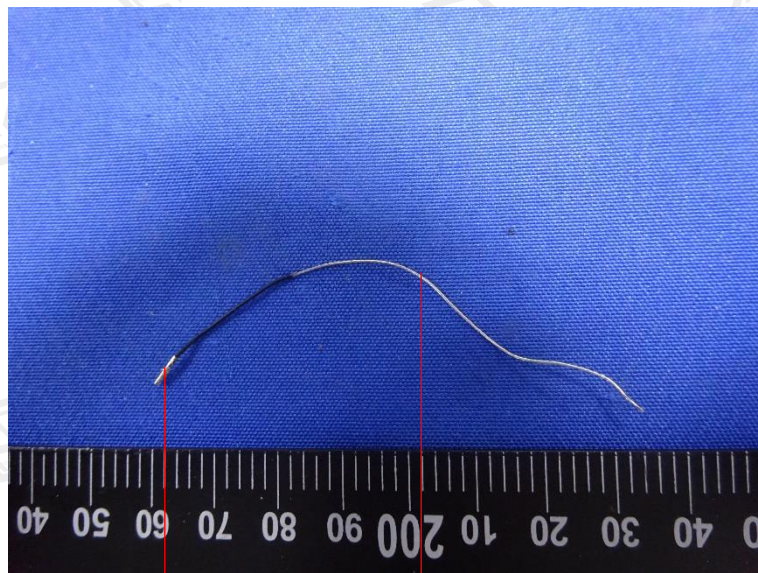
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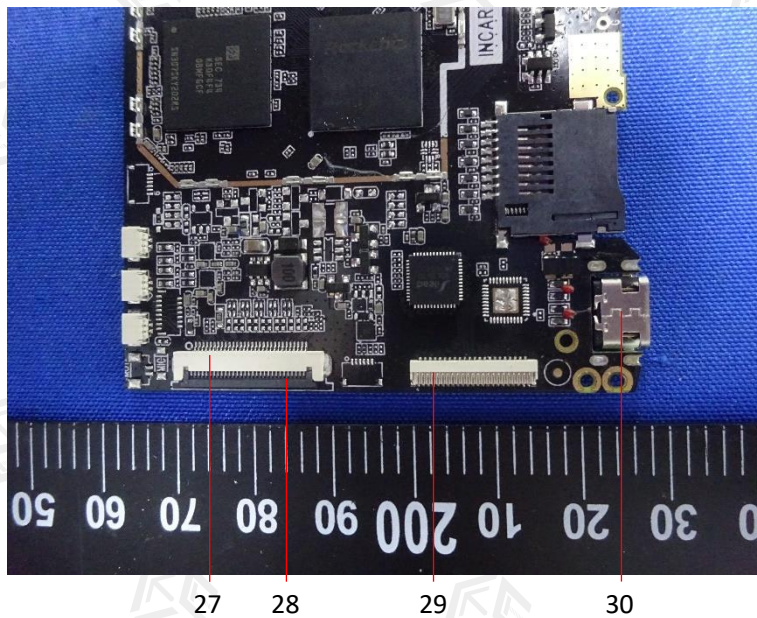
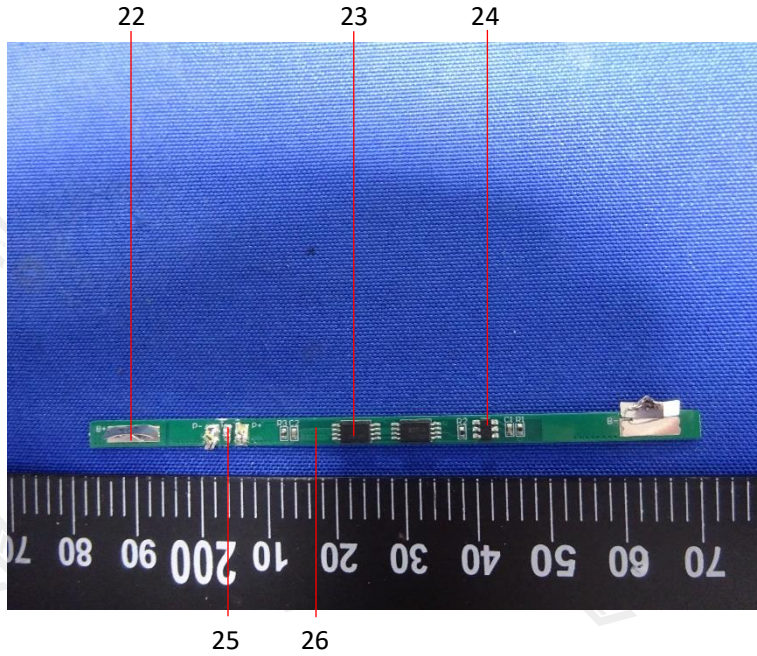
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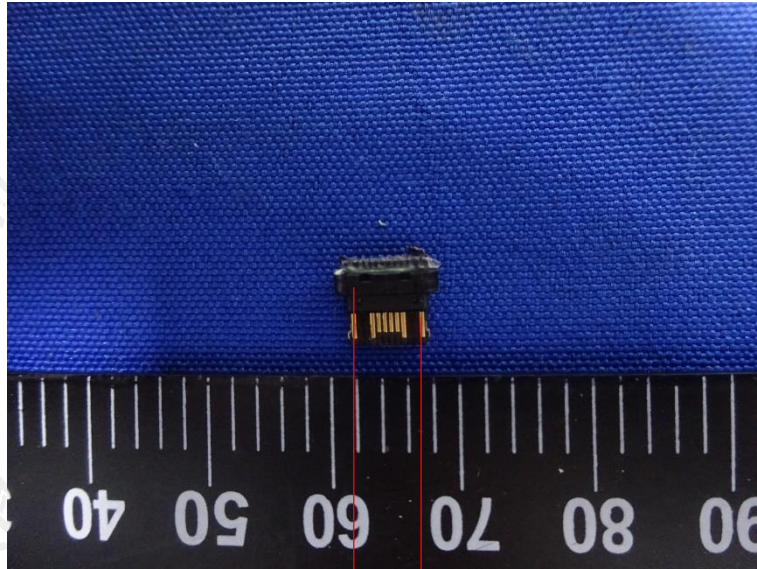
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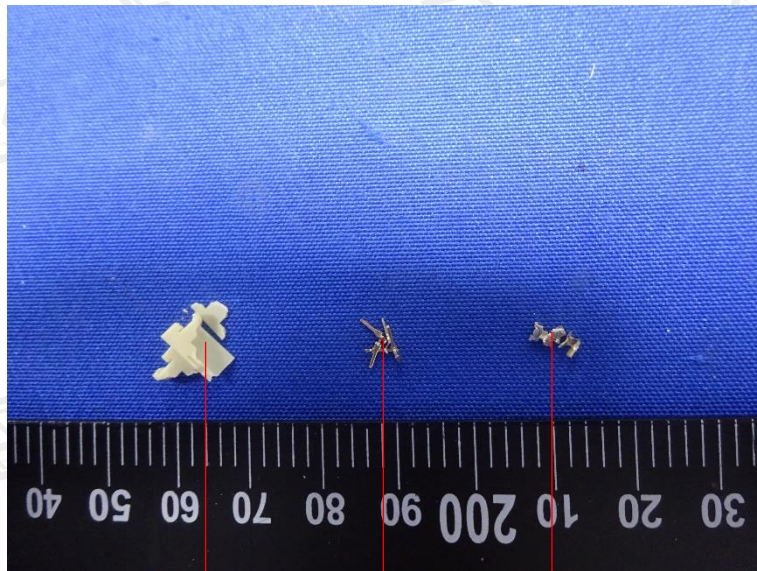
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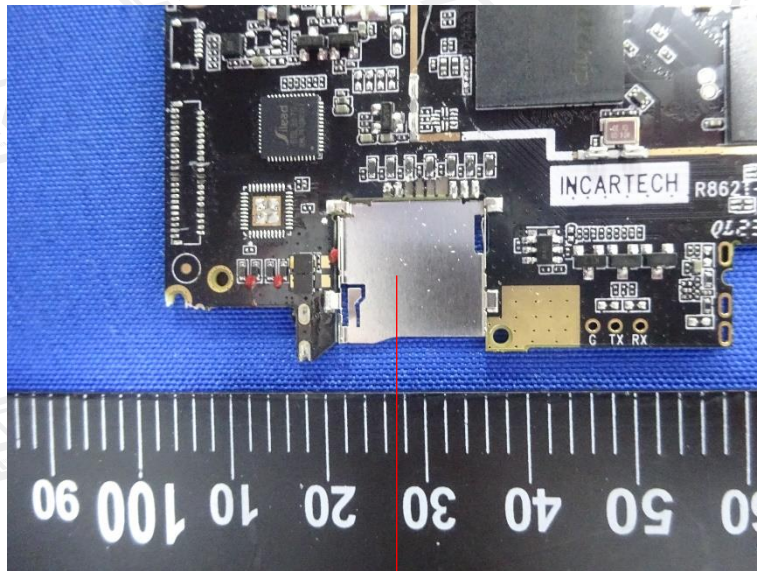
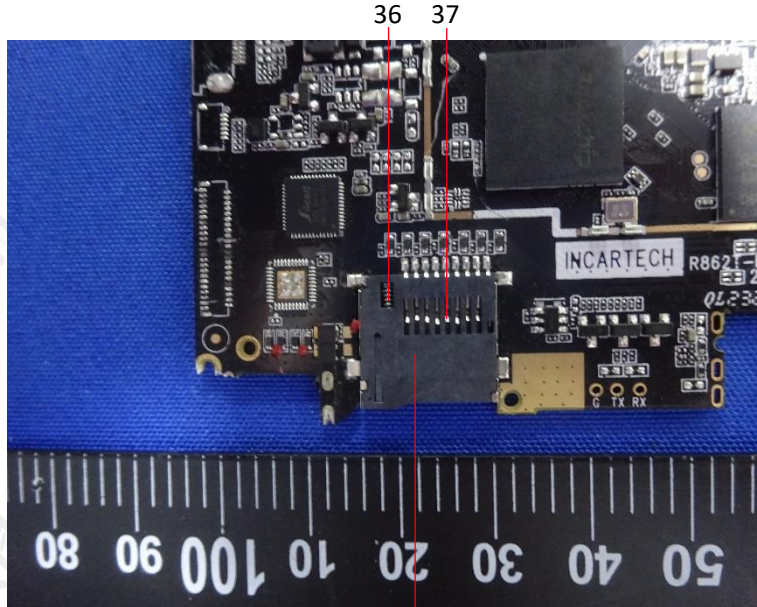
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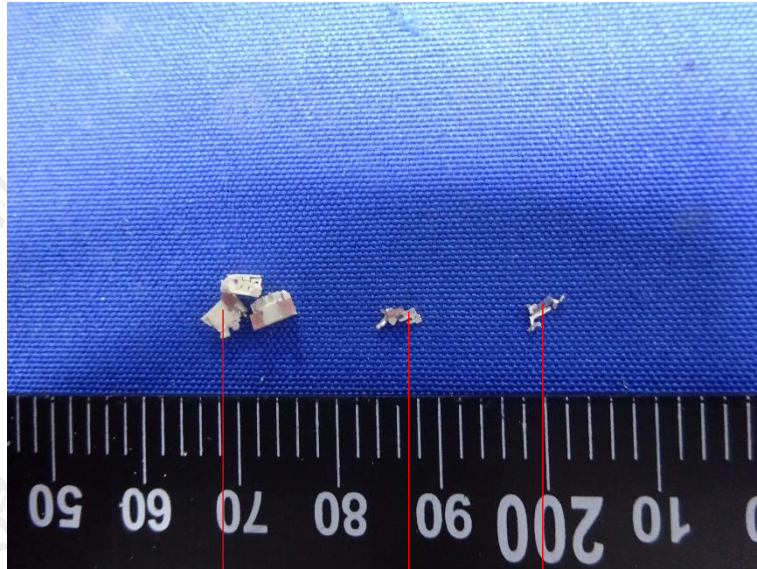
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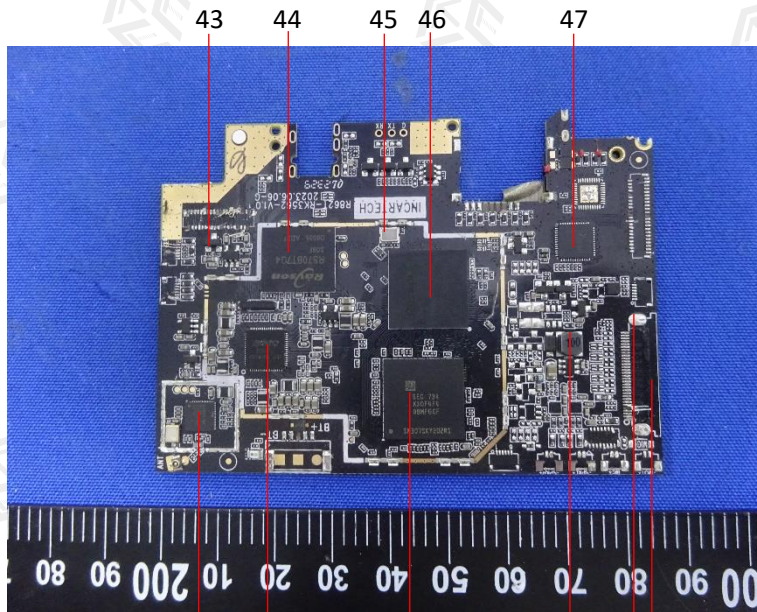
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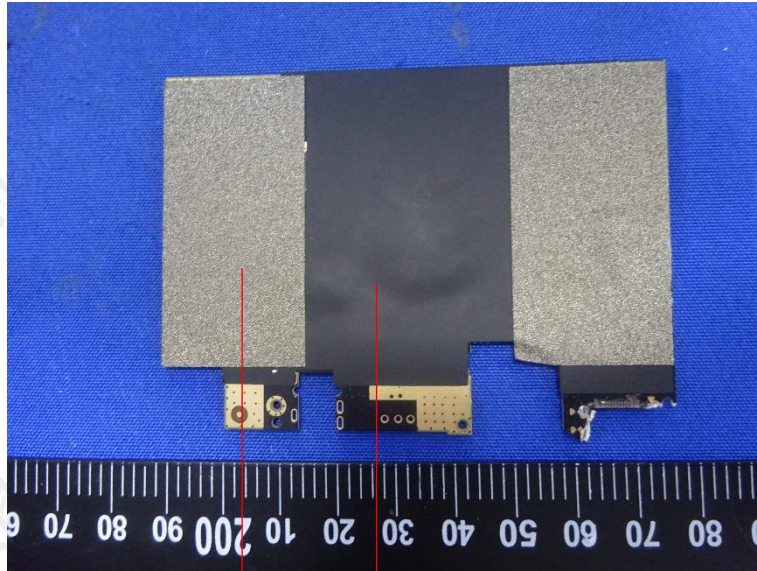
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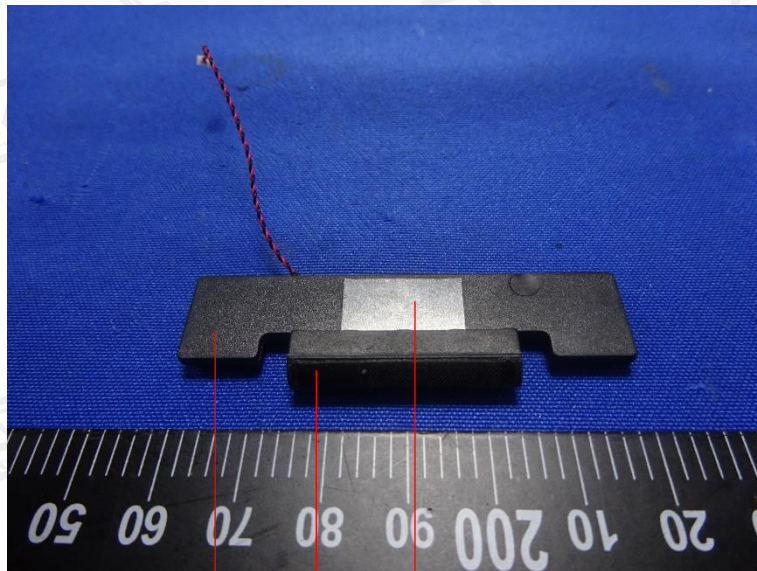
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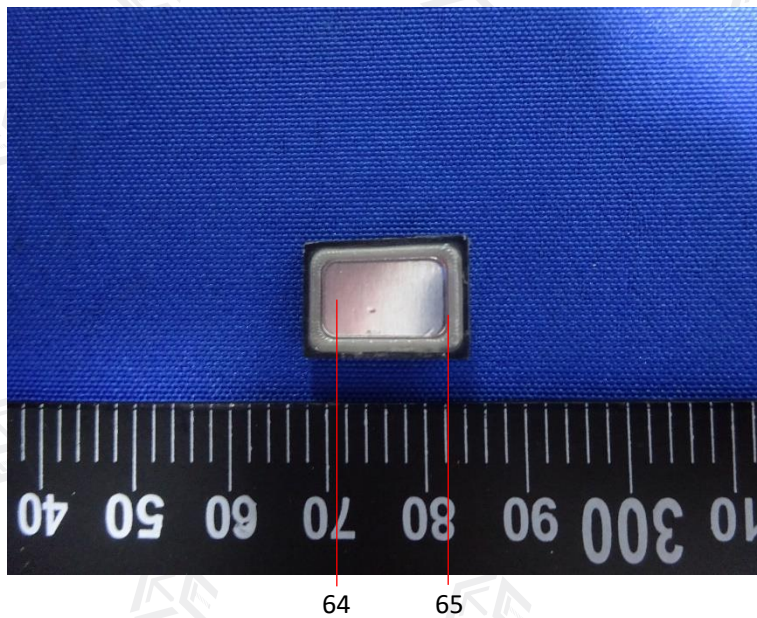
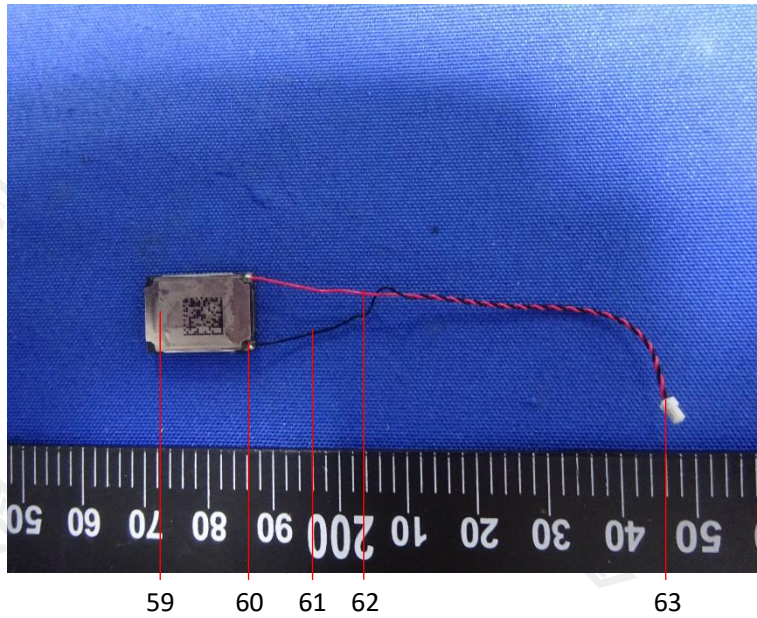
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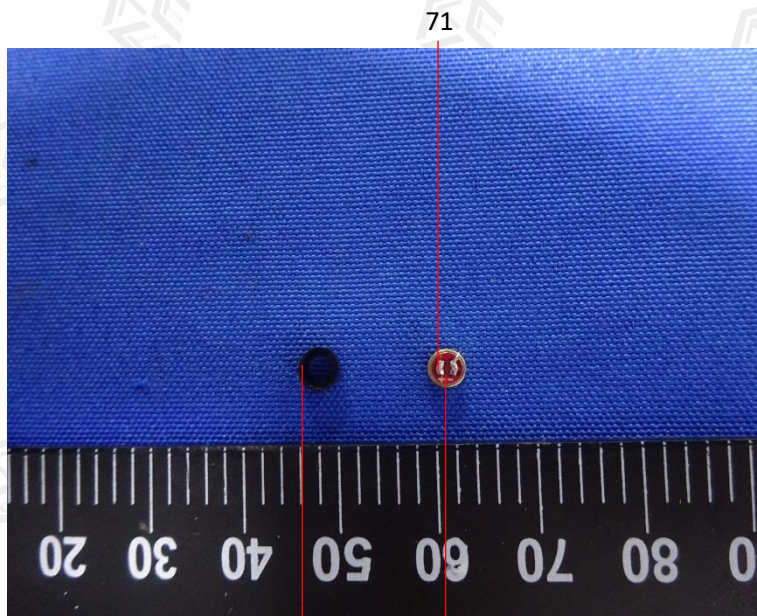
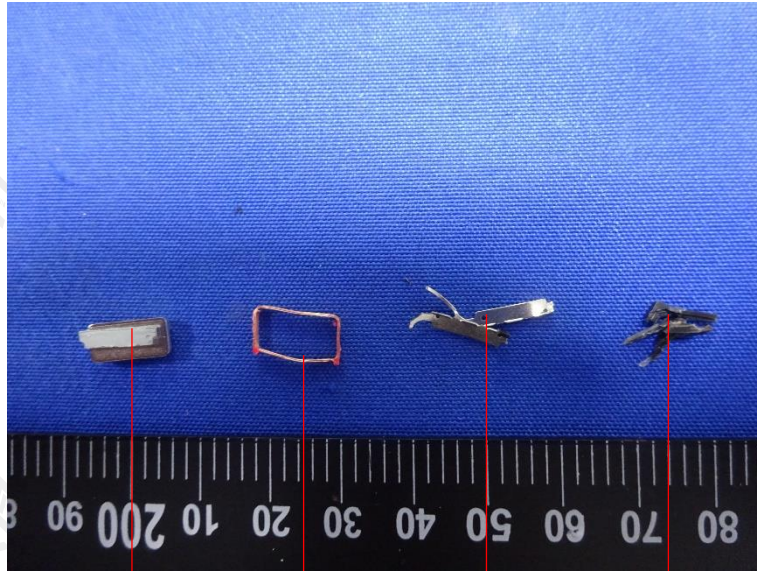


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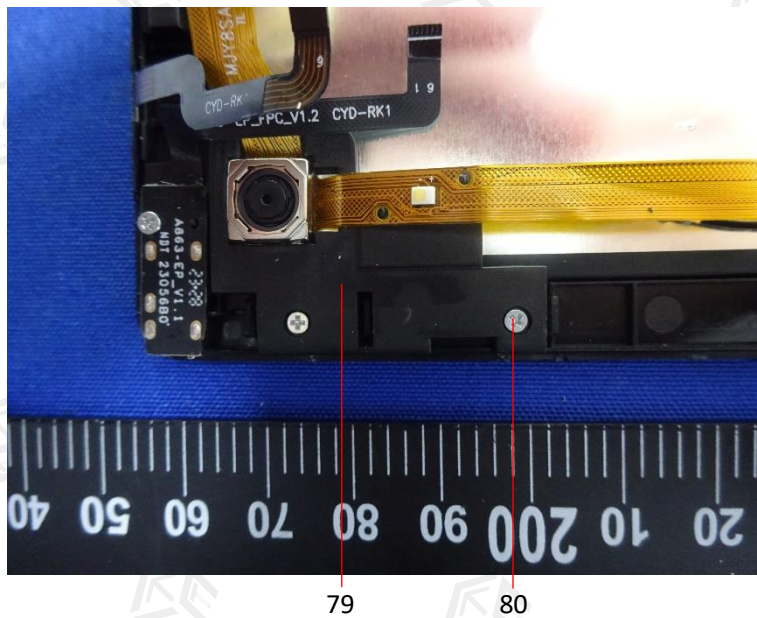
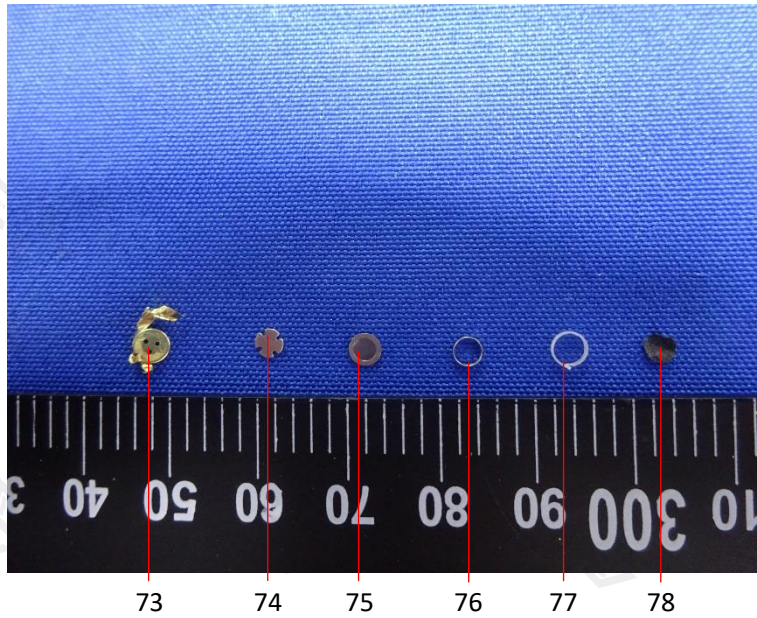
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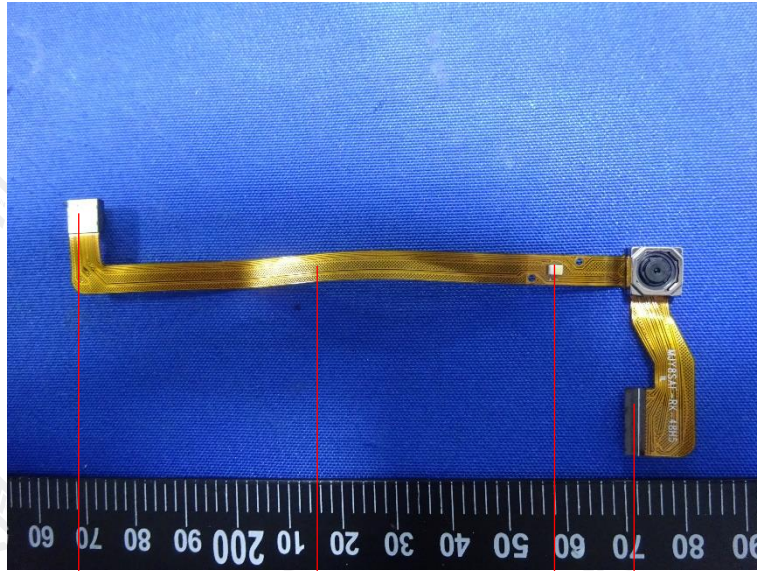


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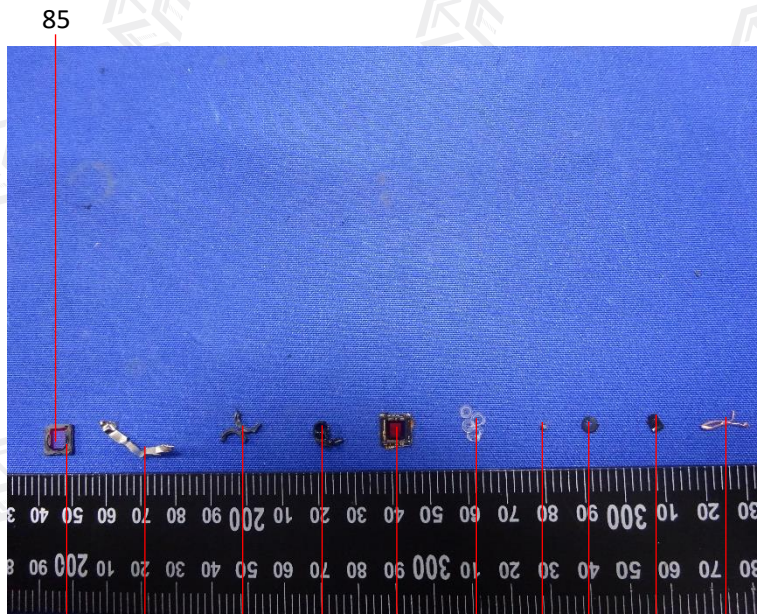
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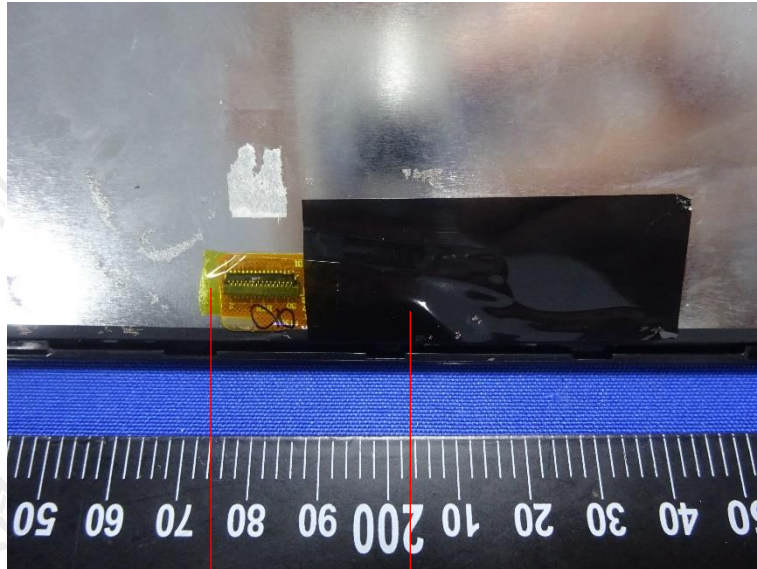
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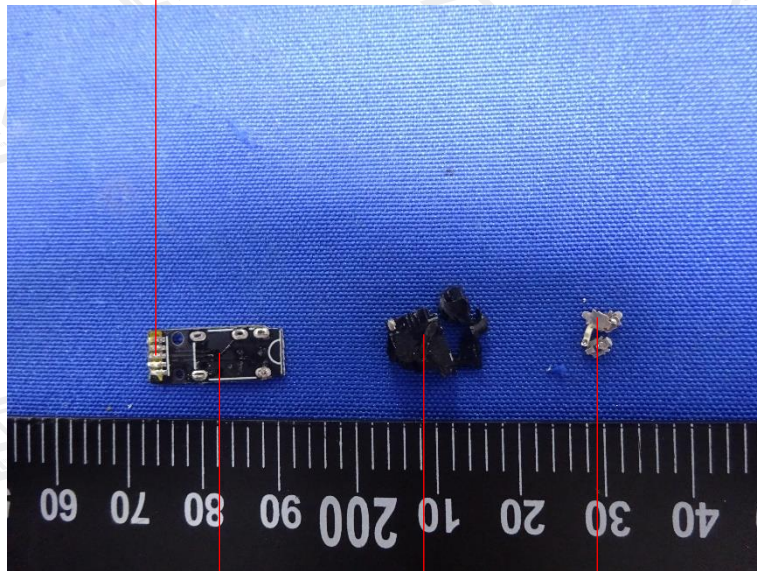
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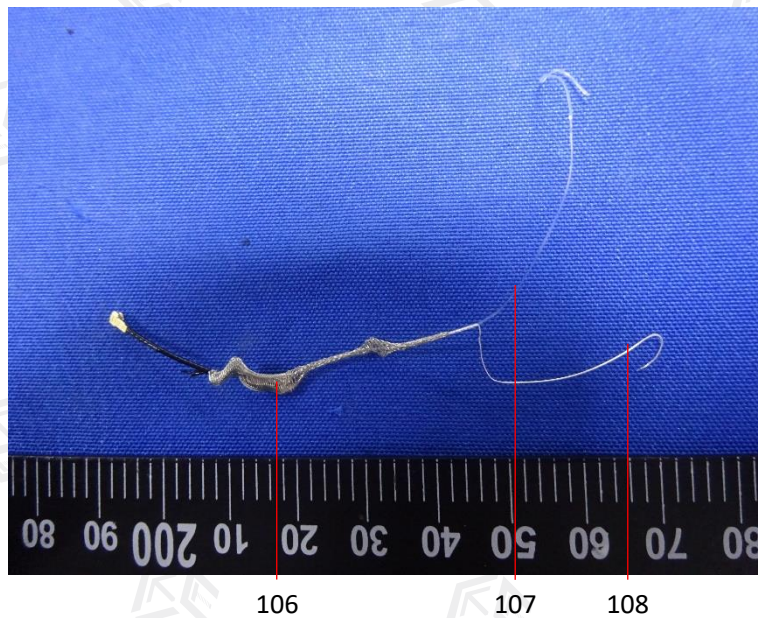
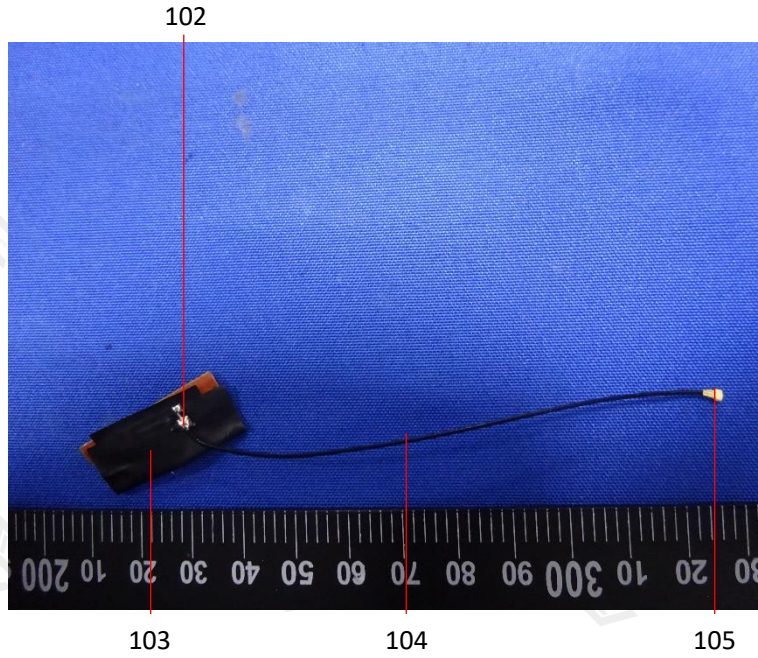
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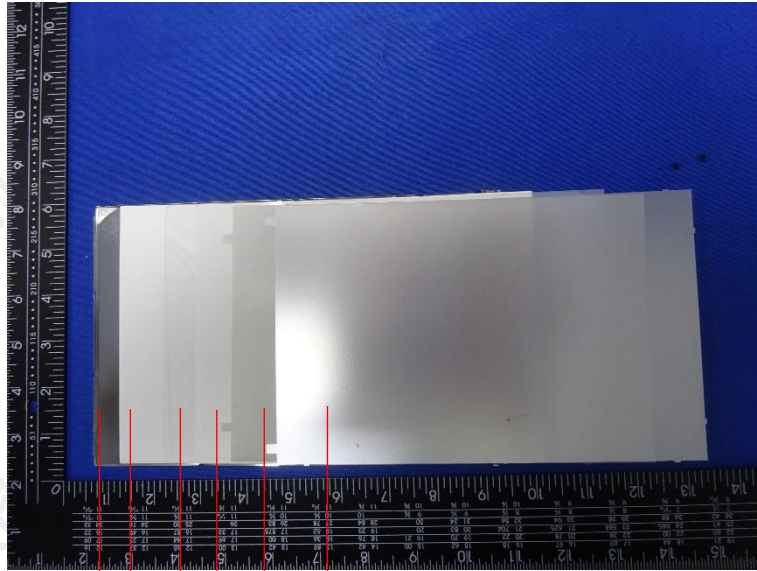
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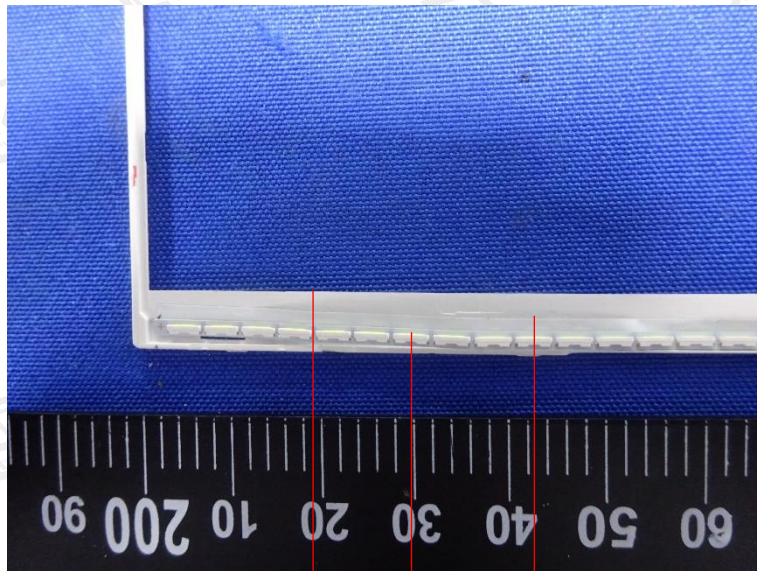
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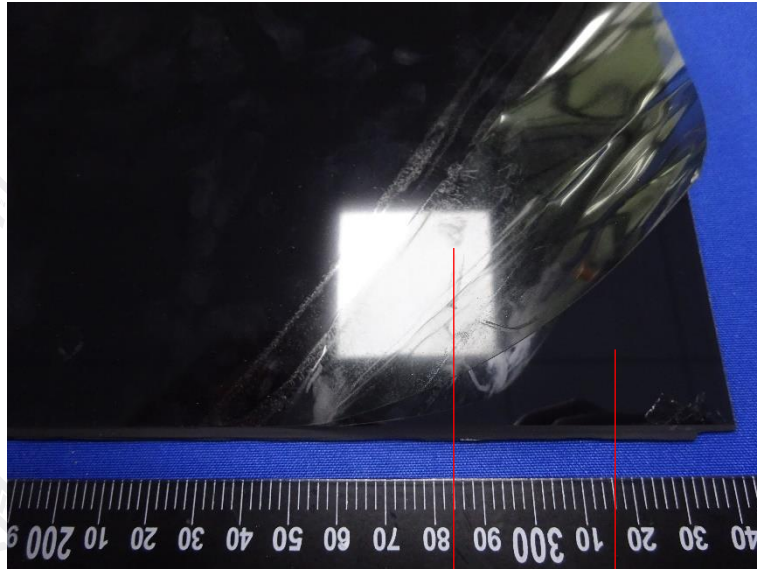
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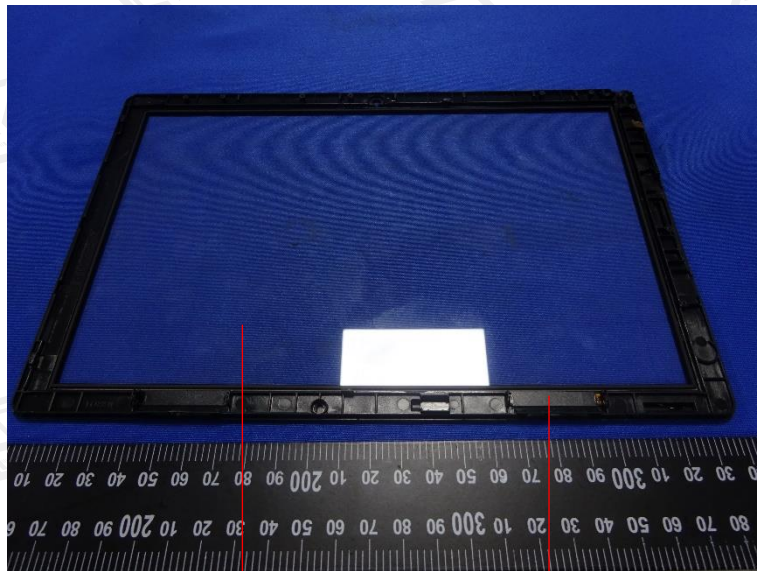
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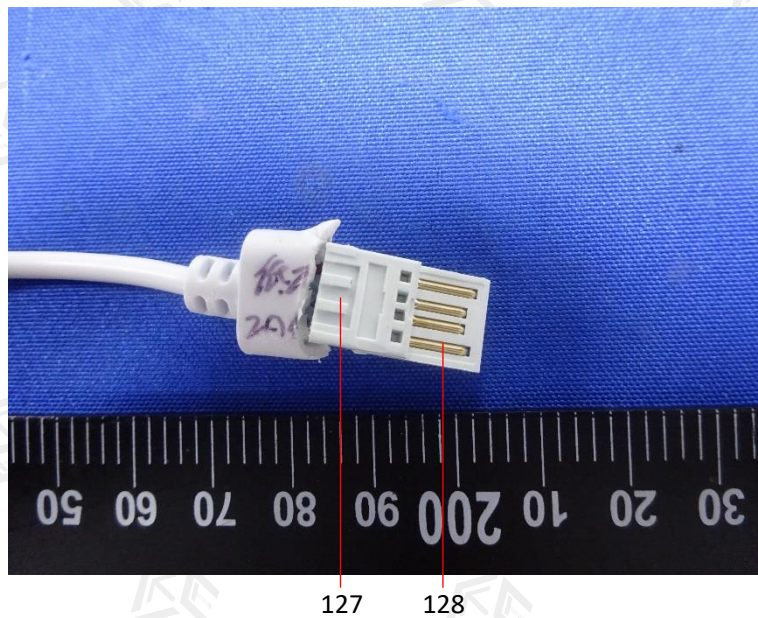
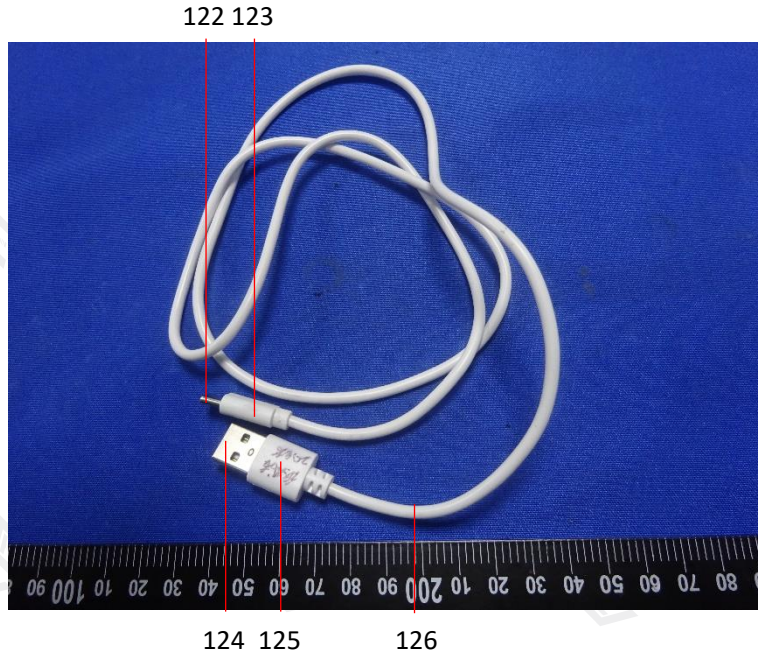
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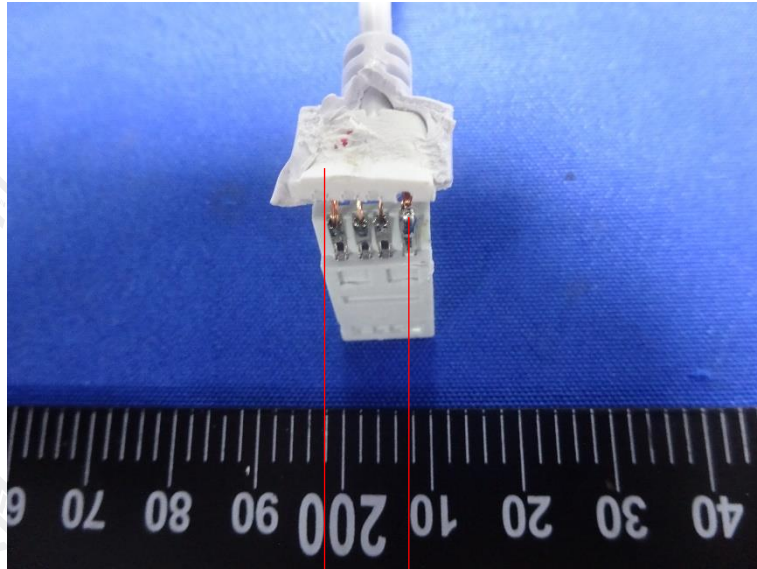
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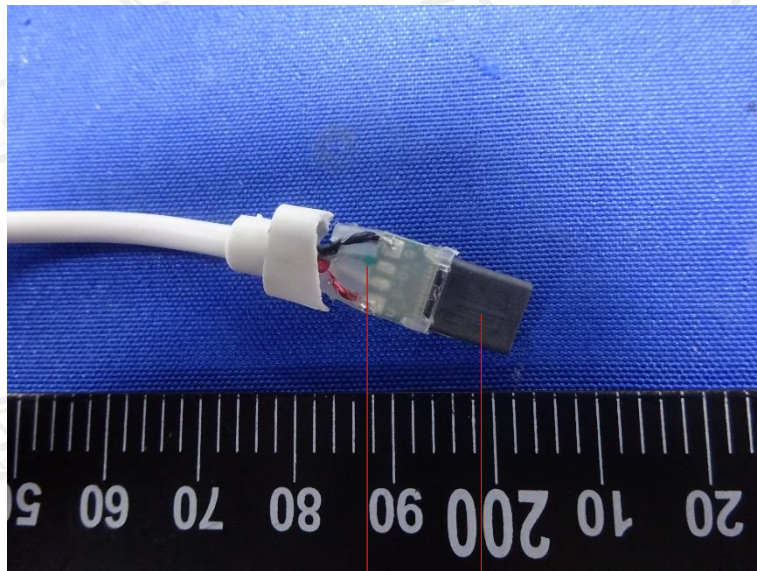
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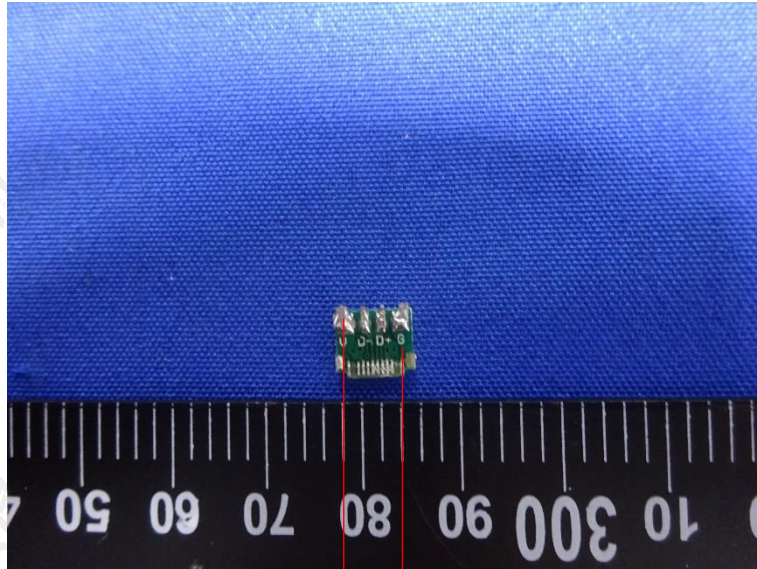
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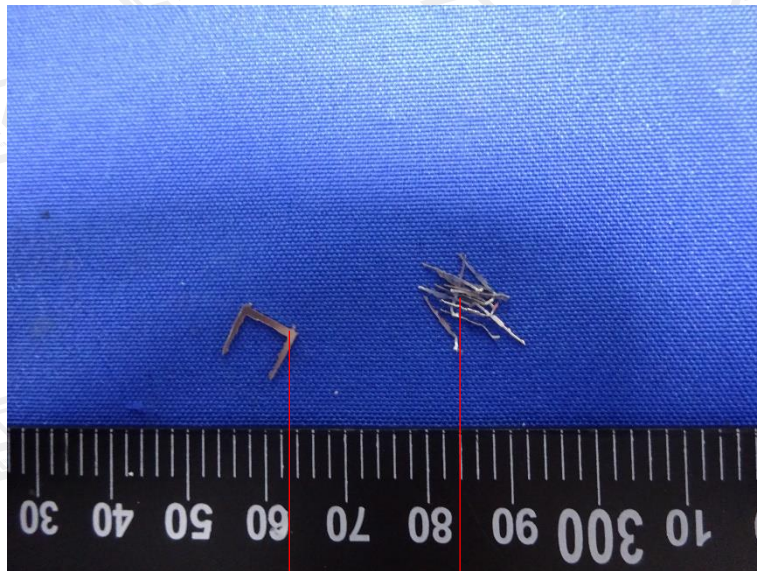
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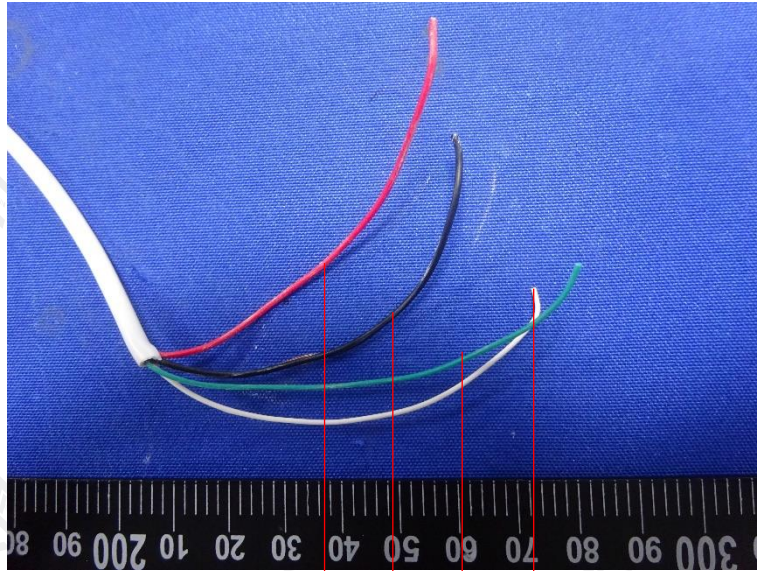
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*** End of Report ***

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