



TEST REPORT

Report No...... : WTF24F07159980A1X2C
Applicant..... : Mid Ocean Brands B.V.
Address..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer : 114320
Sample Name : WIFI foldable drone
Sample Model..... : MO9379
Test Requested : Refer to next page (s)
Test Method..... : Refer to next page (s)
Test Conclusion : Refer to next page (s)
Date of Receipt sample : 2024-07-08 & 2024-08-13 & 2024-10-24
Testing period : 2024-07-08 to 2024-07-22 & 2024-08-13 to 2024-08-19 & 2024-10-24 to 2024-10-29
Date of Issue..... : 2024-10-31
Test Result..... : Refer to next page (s)
Note : This report is based on Waltek test report WTF24F07159980A1X1C for revising, and replaced report WTF24F07159980A1X1C.

Prepared By:

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing Liang

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Summary:

Test Requested	Test Conclusion
In accordance with the RoHS Directive 2011/65/EU and its amendment (EU) No. 2015/863, to determine the 10 restricted substances content in the submitted sample.	Pass (Please refer to next pages for details)

Sample Photo(s):



**Test Results:****1. Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs and PBDEs**

Test method:

- 1) With reference to IEC 62321-2:2021, disassembly, disjunction and mechanical sample preparation
- 2) With reference to IEC 62321-3-1:2013, screening –Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry
- 3) With reference to IEC 62321-4:2013+AMD1:2017 CSV, determination of Mercury by ICP-OES
- 4) With reference to IEC 62321-5:2013, determination of Lead and Cadmium by ICP-OES
- 5) With reference to IEC 62321-7-2: 2017 and IEC 62321-7-1: 2015, determination of Hexavalent Chromium by UV-Vis
- 6) With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS

Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
1	Black plastic shell	BL	BL	BL	BL	BL	NA
2	Silvery metal strip	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
3	Silvery metal screw	BL	BL	BL	BL	--	NA
4	Transparent plastic handle	BL	BL	BL	BL	BL	NA
5	Black sponge adhesive tape	BL	BL	BL	BL	BL	NA
6	Black plastic shell	BL	BL	BL	BL	IN	PBBs : ND PBDEs : 156
7	Silvery metal screw	BL	BL	BL	BL	--	NA
8	Silvery metal nut	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
9	Silvery metal screw	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
10	Silvery metal nut	BL	BL	BL	BL	--	NA
11	Black plastic wire jacket	BL	BL	BL	BL	BL	NA
12	Black plastic shell (plug)	BL	BL	BL	BL	BL	NA
13	Silvery metal shell (plug)	BL	BL	BL	BL	--	NA
14	Black plastic shell (plug)	BL	BL	BL	BL	BL	NA
15	White plastic shell (plug)	BL	BL	BL	BL	BL	NA



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Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
16	Silvery metal pin (plug)	BL	BL	BL	BL	--	NA
17	White plastic wire covering	BL	BL	BL	BL	BL	NA
18	Green plastic wire covering	BL	BL	BL	BL	BL	NA
19	Silvery metal wire	BL	BL	BL	BL	--	NA
20	Black plastic core (plug)	BL	BL	BL	BL	BL	NA
21	Green PCB (plug)	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
22	Solder (plug)	BL	IN	BL	BL	--	Pb :169
23	Black plastic jacket (plug)	BL	BL	BL	BL	BL	NA
24	Chip IC (plug)	BL	BL	BL	BL	BL	NA
25	Chip resistor (plug)	BL	IN	BL	BL	BL	Pb :554
26	Chip LED (plug)	BL	BL	BL	BL	BL	NA
27	Chip capacitor (plug)	BL	BL	BL	BL	BL	NA
28	Black plastic sheet	BL	BL	BL	BL	BL	NA
29	Black plastic shell	BL	BL	BL	BL	BL	NA
30	White coating	BL	BL	BL	BL	BL	NA
31	Silvery metal screw	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
32	Black soft plastic foot pads	BL	BL	BL	BL	BL	NA
33	Black plastic shell	BL	BL	BL	BL	BL	NA
34	White plastic wire covering	BL	BL	BL	BL	BL	NA
35	Silvery metal wire	BL	BL	BL	BL	--	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
36	Blue plastic wire covering	BL	BL	BL	BL	BL	NA
37	Black plastic wire covering	BL	BL	BL	BL	BL	NA
38	Red plastic wire covering	BL	BL	BL	BL	BL	NA
39	Silvery metal screw	BL	BL	BL	BL	--	NA
40	Transparent plastic wire covering	BL	BL	BL	BL	BL	NA
41	Silvery metal wire	BL	BL	BL	BL	--	NA
42	Green PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
43	Chip LED	BL	BL	BL	BL	BL	NA
44	Chip crystal oscillator	BL	BL	BL	BL	BL	NA
45	Chip IC	BL	BL	BL	BL	BL	NA
46	Chip audio	BL	BL	BL	BL	BL	NA
47(R1)	Solder	BL	BL	BL	BL	--	NA
48	Chip capacitor	BL	BL	BL	BL	BL	NA
49	Chip resistor	BL	OL	BL	BL	BL	*Pb : 3.70×10^3
50	Chip IC	BL	BL	BL	BL	BL	NA
51	Chip capacitor	BL	BL	BL	BL	BL	NA
52	Off-white plastic shell (socket)	BL	BL	BL	BL	BL	NA
53	Silvery metal pin (socket)	BL	BL	BL	BL	--	NA
54	Transparent body (LED)	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
55	Silvery metal pin (LED)	BL	BL	BL	BL	--	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
56(R1)	Black heat-shrinkable tube (LED)	BL	BL	BL	BL	BL	NA
57	Yellow plastic part (button)	BL	BL	BL	BL	BL	NA
58	Black plastic shell(button)	BL	BL	BL	BL	BL	NA
59	Silvery metal shell(button)	BL	BL	BL	BL	--	NA
60	Silvery metal sheet(button)	BL	BL	BL	BL	--	NA
61	Silvery metal shell	BL	BL	BL	BL	--	NA
62	Silvery magnet core	BL	BL	BL	BL	--	NA
63	Coppery varnished wire	BL	BL	BL	BL	BL	NA
64(R1)	Grey plastic part	BL	BL	BL	BL	BL	NA
65	Silvery metal axle	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
66(R1)	Yellow lubricating oil	BL	BL	BL	BL	BL	NA
67	Silvery metal sheet	BL	BL	BL	BL	--	NA
68	Black plastic shell	BL	BL	BL	BL	BL	NA
69	White plastic shell	BL	BL	BL	BL	BL	NA
70	Red plastic wire covering	BL	BL	BL	BL	BL	NA
71	Silvery metal wire	BL	BL	BL	BL	--	NA
72	Brown plastic adhesive tape	BL	BL	BL	IN	BL	Cr ⁶⁺ : ND
73	Transparent plastic sheet	BL	BL	BL	BL	BL	NA
74	Black sponge adhesive tape	BL	BL	BL	BL	BL	NA
75	Black plastic wire covering	BL	BL	BL	BL	BL	NA



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Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
76	Green PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
77	Chip IC	BL	BL	BL	BL	BL	NA
78	Chip resistor	BL	BL	BL	BL	BL	NA
79	Solder	BL	BL	BL	BL	--	NA
80	Black heat-shrinkable tube	BL	BL	BL	BL	BL	NA
81	Grey plastic wire covering	BL	BL	BL	BL	BL	NA
82	Silvery metal wire	BL	BL	BL	BL	--	NA
83	Red metal wire	BL	BL	BL	BL	--	NA
84	Coppery metal wire	BL	BL	BL	BL	--	NA
85	White fabric wire	BL	BL	BL	BL	BL	NA
86	Green metal wire	BL	BL	BL	BL	--	NA
87	Green PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
88	Chip resistor	BL	BL	BL	BL	BL	NA
89	Chip capacitor	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
90	Chip IC	BL	BL	BL	BL	BL	NA
91	Chip resistor	BL	OL	BL	BL	BL	*Pb : 7.75×10^3
92	Chip IC	BL	BL	BL	BL	BL	NA
93(R1)	Solder	BL	BL	BL	BL	--	NA
94	Chip crystal oscillator	BL	BL	BL	BL	BL	NA
95	Black plastic sheet (socket)	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
96	Black plastic shell (socket)	BL	BL	BL	BL	BL	NA
97	Silvery metal pin (socket)	BL	BL	BL	BL	--	NA
98	Chip IC	BL	BL	BL	BL	BL	NA
99(R1)	Black plastic sheet	BL	BL	BL	BL	BL	NA
100	Brown FPC	BL	BL	BL	BL	BL	NA
101	Silvery metal sheet	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
102	Chip displayer	BL	BL	BL	BL	BL	NA
103	Black plastic shell	BL	BL	BL	BL	BL	NA
104	Chip capacitor	BL	BL	BL	BL	BL	NA
105	Transparent glass sheet	BL	BL	BL	BL	--	NA
106	Transparent plastic sheet	BL	BL	BL	BL	BL	NA
107	Black plastic gasket	BL	BL	BL	BL	BL	NA
108	Black paper gasket	BL	BL	BL	BL	BL	NA
109	White plastic shell	BL	BL	BL	BL	BL	NA
110	Black plastic part	BL	BL	BL	BL	BL	NA
111	Black plastic shell	BL	BL	BL	BL	BL	NA
112	Black plastic shell	BL	BL	BL	BL	BL	NA
113	Red plastic shell	BL	BL	BL	BL	BL	NA
114	Silvery metal screw	BL	BL	BL	BL	--	NA
115	Silvery metal screw	BL	BL	BL	BL	--	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
116	Silvery metal spring	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
117	Silvery metal sheet	BL	BL	BL	BL	--	NA
118	Black plastic shell	BL	BL	BL	BL	BL	NA
119(R1)	Solder	BL	BL	BL	BL	--	NA
120	Silvery metal nut	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
121	Green PCB	BL	BL	BL	BL	BL	NA
122	Chip IC	BL	BL	BL	BL	BL	NA
123	Solder	BL	BL	BL	BL	--	NA
124	Chip resistor	BL	BL	BL	BL	BL	NA
125	Black plastic wire covering	BL	BL	BL	BL	BL	NA
126	Red plastic wire covering	BL	BL	BL	BL	BL	NA
127	Coppery metal wire	BL	BL	BL	BL	--	NA
128	Chip crystal oscillator	BL	BL	BL	BL	BL	NA
129	Chip resistor	BL	BL	BL	BL	BL	NA
130	Chip audio	BL	BL	BL	BL	BL	NA
131	Black plastic shell	BL	BL	BL	BL	BL	NA
132(R1)	Green plastic sheet	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
133	Coppery varnished wire	BL	BL	BL	BL	BL	NA
134	Black magnetic rim	BL	BL	BL	IN	--	Cr ⁶⁺ : ND
135	Silvery metal axle	BL	BL	BL	BL	--	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
136	Silvery metal sheet	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
137	Silvery metal thin sheet	BL	BL	BL	BL	--	NA
138(R1)	Black plastic part (button)	BL	BL	BL	BL	BL	NA
139	Black plastic shell (button)	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
140	Silvery metal shell (button)	BL	BL	BL	BL	--	NA
141	Silvery metal sheet (button)	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
142	Red body (LED)	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
143	Dark green plastic shell	BL	BL	BL	BL	BL	NA
144	Black plastic film(electrolytic capacitor)	BL	BL	BL	BL	BL	NA
145	Black rubber stopper(electrolytic capacitor)	BL	BL	BL	BL	BL	NA
146	Brown paper(electrolytic capacitor)	BL	BL	BL	BL	BL	NA
147	Silvery metal shell(electrolytic capacitor)	BL	BL	BL	BL	--	NA
148	Silvery metal pin(electrolytic capacitor)	BL	BL	BL	BL	--	NA
149	Grey metal foil(electrolytic capacitor)	BL	BL	BL	BL	--	NA
150	Silvery-grey metal foil(electrolytic capacitor)	BL	BL	BL	BL	--	NA
151	Black plastic part (button)	BL	BL	BL	BL	BL	NA
152	Brown plastic sheet (button)	BL	BL	BL	BL	BL	NA
153	Silvery metal shell (button)	BL	BL	BL	BL	--	NA
154	Silvery metal sheet (button)	BL	BL	BL	BL	--	NA
155	Green plastic shell	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
156	Silvery metal sheet	BL	BL	BL	BL	--	NA
157	Brown plastic sheet	BL	BL	BL	BL	BL	NA
158	White plastic shell	BL	BL	BL	BL	BL	NA
159	Silvery metal shell	BL	BL	BL	BL	--	NA
160	Silvery metal shell	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
161	White plastic shell	BL	BL	BL	BL	BL	NA
162	Silvery metal spring	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
163	Green plastic shell	BL	BL	BL	BL	BL	NA
164	Blue plastic shell	BL	IN	BL	BL	IN	Pb :26 PBBs : ND PBDEs : ND
165	Silvery metal axle	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
166	Silvery metal axle	BL	BL	BL	IN	--	Cr ⁶⁺ : Negative
167	Off-white plastic shell	BL	BL	BL	BL	BL	NA
168	White plastic shell	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
178	White plastic gasket	BL	BL	BL	BL	BL	NA

**Remark:**

- (1) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for Cr⁶⁺) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1: 2013 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < IN < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < IN < (130+3\sigma) \leq OL$	$LOD < IN < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < IN < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < IN < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < IN$	$BL \leq (700-3\sigma) < IN$	$BL \leq (500-3\sigma) < IN$
Br	$BL \leq (300-3\sigma) < IN$	--	$BL \leq (250-3\sigma) < IN$

BL= Below Limit

OL= Over Limit

LOD = Limit of Detection

-- = Not Regulated

- (2) "IN" expresses the inconclusive region, and further chemical testing to confirm whether it complies with the requirement of RoHS Directive.
- (3) The XRF screening test for RoHS elements – the reading may be different to the actual content in the sample be of non-uniformity composition.
- (4) mg / kg =milligram per kilogram=ppm, $\mu\text{g}/\text{cm}^2$ = Micrograms per square centimetre.
- (5) ND = Not Detected or lower than limit of quantitation.
- (6) NA = Not Applicable, as the XRF screening test result was below the limit or as the XRF screening directly determine that test result was over the limit, it was not need to conduct the wet chemical testing.
- (7) LOQ = Limit of quantitation.

Test Items	Pb	Cd	Hg	Cr ⁶⁺		PBB	PBDE
Units	mg/kg	mg/kg	mg/kg	mg/kg	$\mu\text{g}/\text{cm}^2$	mg/kg	mg/kg
LOQ	2	2	2	8	0.1	5	5

The LOQ for single compound of PBBs and PBDEs is 5 mg/kg, LOQ of Cr⁶⁺ for polymer and composite sample is 8 mg/kg and LOQ of Cr⁶⁺ for metal sample is 0.1 $\mu\text{g}/\text{cm}^2$.

- (8) RoHS Requirement

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)



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- (9) According to IEC 62321-7-1:2015, determined of Cr^{6+} on metal sample by boiling water extraction test method, and result is shown as Positive/Negative.
 Boiling water extraction:
 Negative = Absence of Cr^{6+} coating, the detected concentration in boiling water extraction solution is less than 0.10 ug/cm^2 .
 Positive = Presence of Cr^{6+} coating, the detected concentration in boiling water extraction solution is greater than 0.13 ug/cm^2 .
 Information on storage conditions and production date of the tested sample is unavailable and thus Cr^{6+} results represent status of the sample at the time of testing.
- (10) Abbreviation:
 "Pb" denotes Lead, "Cd" denotes Cadmium, "Hg" denotes Mercury, "Cr" denotes Chromium, "Cr (VI)" denotes Hexavalent Chromium, "Br" denotes Bromine, "PBBs" denotes Total Polybrominated Biphenyls, "PBDEs" denotes Total Polybrominated Diphenyl Ethers.
- (11)* = According to the declaration from client, the source of lead in test sample is from the glass or ceramic material of that electronic component which is exempted by Directive 2011/65/EU ANNEX III-7(c)-I.
- (12) As per client's requirement, to test the specified components. The test results relate only to the components tested, and it doesn't mean that the whole product complies with the RoHS Directive 2011/65/EU and its amendment (EU) No. 2015/863.

2. Phthalates:

Test method:

With reference to IEC 62321-8:2017, determination of Phthalates content by GC-MS.

Serial No.	Part No.	Result (mg/kg)			
		DBP	BBP	DEHP	DIBP
T01	1+4+6+12+14 [△]	ND	ND	ND	ND
T02	2	--	--	--	--
T03	3	--	--	--	--
T04	5	ND	ND	ND	ND
T05	7	--	--	--	--
T06	8	--	--	--	--
T07	9	--	--	--	--
T08	10	--	--	--	--
T09	11+17+18 [△]	ND	ND	ND	ND
T10	13	--	--	--	--
T11	15+20+28+29+33 [△]	ND	ND	ND	ND
T12	16	--	--	--	--
T13	19	--	--	--	--
T14	21+42+76 [△]	ND	ND	ND	ND
T15	22	--	--	--	--
T16	23+32+34 [△]	ND	ND	ND	ND
T17	24+25+26+27+43 [△]	ND	ND	ND	ND
T18	30	ND	ND	ND	ND
T19	31	--	--	--	--
T20	35	--	--	--	--
T21	36+37+38 [△]	120	ND	ND	ND
T22	39	--	--	--	--



Serial No.	Part No.	Result (mg/kg)			
		DBP	BBP	DEHP	DIBP
T23	40	289	ND	ND	ND
T24	41	--	--	--	--
T25	44+45+46+48+49 [△]	ND	ND	ND	ND
T26	47	--	--	--	--
T27	50+51+77+78+88 [△]	ND	ND	ND	ND
T28	52+54+57+58+64(R1) [△]	ND	ND	ND	ND
T29	53	--	--	--	--
T30	55	--	--	--	--
T31	56(R1)+66(R1)+80 [△]	ND	ND	ND	ND
T32	59	--	--	--	--
T33	60	--	--	--	--
T34	61	--	--	--	--
T35	62	--	--	--	--
T36	63	ND	ND	ND	ND
T37	65	--	--	--	--
T38	67	--	--	--	--
T39	68+69+95+96 [△]	ND	ND	ND	ND
T40	70	ND	ND	ND	ND
T41	71	--	--	--	--
T42	72	ND	ND	ND	ND
T43	73	ND	ND	ND	ND
T44	74	ND	ND	ND	ND
T45	75	312	ND	ND	ND
T46	79	--	--	--	--
T47	81+125 [△]	ND	ND	ND	ND
T48	82	--	--	--	--
T49	83	--	--	--	--
T50	84	--	--	--	--
T51	85	ND	ND	ND	ND
T52	86	--	--	--	--
T53	87+100+121 [△]	ND	ND	ND	ND
T54	89+90+91+92+94 [△]	ND	ND	ND	ND
T55	93	--	--	--	--
T56	97	--	--	--	--
T57	98+102+104+122+124 [△]	ND	ND	ND	ND
T58	99(R1)+103+106+107+109 [△]	ND	ND	ND	ND
T59	101	--	--	--	--
T60	105	--	--	--	--
T61	108+146 [△]	ND	ND	ND	ND
T62	110+111+112+113+118 [△]	ND	ND	ND	ND
T63	114	--	--	--	--
T64	115	--	--	--	--
T65	116	--	--	--	--
T66	117	--	--	--	--



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Serial No.	Part No.	Result (mg/kg)			
		DBP	BBP	DEHP	DIBP
T67	119	--	--	--	--
T68	120	--	--	--	--
T69	123	--	--	--	--
T70	126+172 [△]	ND	ND	ND	ND
T71	127	--	--	--	--
T72	128+129+130+170 [△]	ND	ND	ND	ND
T73	131+132(R1)+138(R1)+139+142 [△]	ND	ND	ND	ND
T74	133	ND	ND	ND	ND
T75	134	--	--	--	--
T76	135	--	--	--	--
T77	136	--	--	--	--
T78	137	--	--	--	--
T79	140	--	--	--	--
T80	141	--	--	--	--
T81	143+151+152+155+157 [△]	ND	ND	ND	ND
T82	144	ND	ND	ND	ND
T83	145	ND	ND	ND	ND
T84	147	--	--	--	--
T85	148	--	--	--	--
T86	149	--	--	--	--
T87	150	--	--	--	--
T88	153	--	--	--	--
T89	154	--	--	--	--
T90	156	--	--	--	--
T91	158+161+163+164+167 [△]	ND	ND	ND	ND
T92	159	--	--	--	--
T93	160	--	--	--	--
T94	162	--	--	--	--
T95	165	--	--	--	--
T96	166	--	--	--	--
T97	168	ND	ND	ND	ND
T98	178	ND	ND	ND	ND

Note:

- (1) mg/kg = milligram per kilogram= ppm
- (2) ND = Not Detected or lower than limit of quantitation.
- (3) -- = Not Regulated.
- (4) LOQ = Limit of quantitation.

Test Items	DBP	BBP	DEHP	DIBP
Units	mg/kg	mg/kg	mg/kg	mg/kg
LOQ	50	50	50	50

- (5) Abbreviation:

“DBP” denotes Dibutyl phthalate, “BBP” denotes Benzyl butyl phthalate (BBP), “DEHP” denotes Bis(2-ethylhexyl)-phthalate, “DIBP” denotes Diisobutyl phthalate, “PHT” denotes Phthalates.

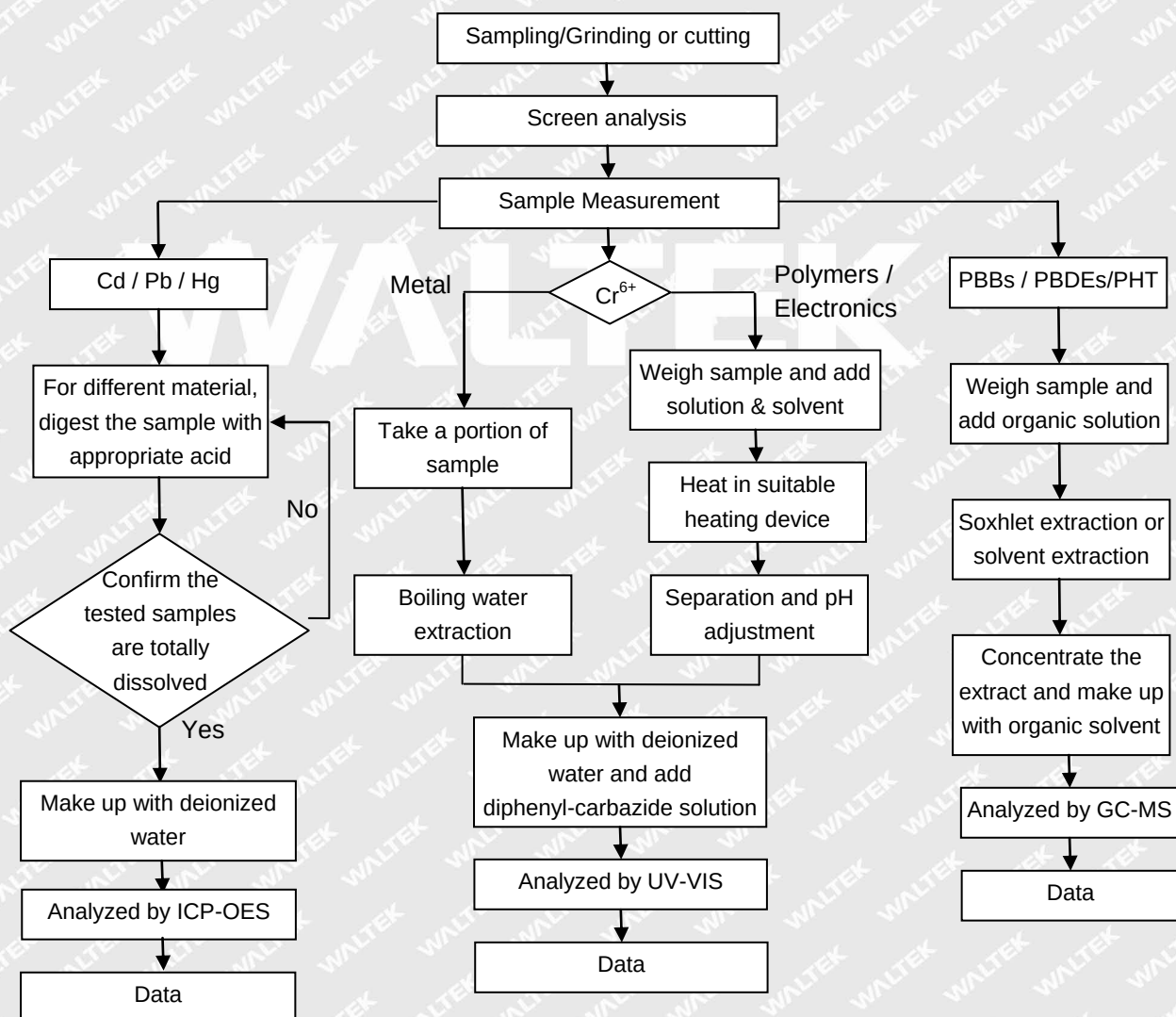


(6) RoHS requirement

Restricted Substances	Limits
Dibutyl phthalate (DBP)	0.1% (1000 mg/kg)
Benzyl butyl phthalate (BBP)	0.1% (1000 mg/kg)
Di(2-ethylhexyl) phthalate (DEHP)	0.1% (1000 mg/kg)
Di-iso-butyl phthalate (DIBP)	0.1% (1000 mg/kg)

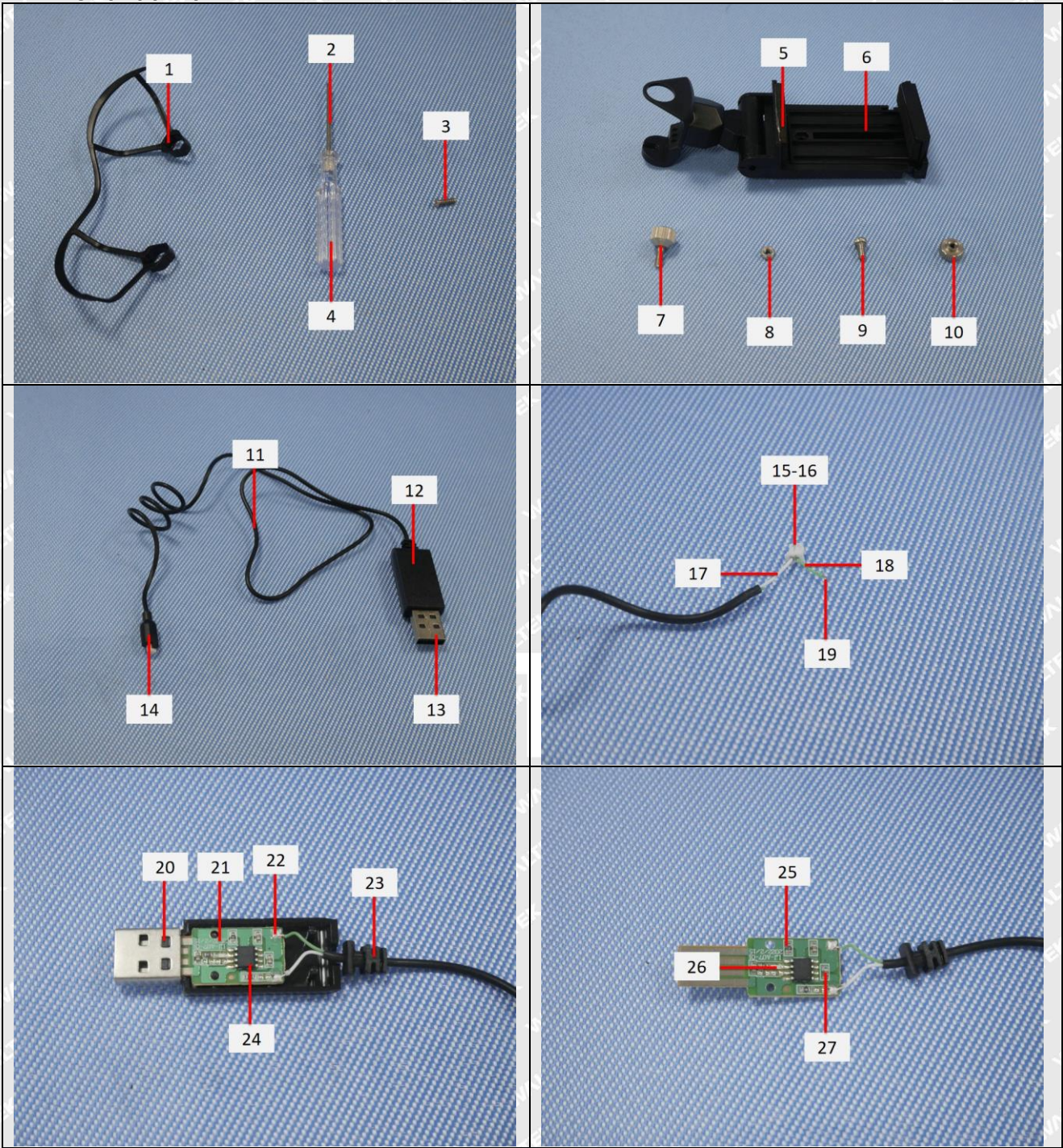
(7) "△" = As client's requirement, the testing was conducted based on mixed components. Results are calculated by the minimum weight of mixed components.

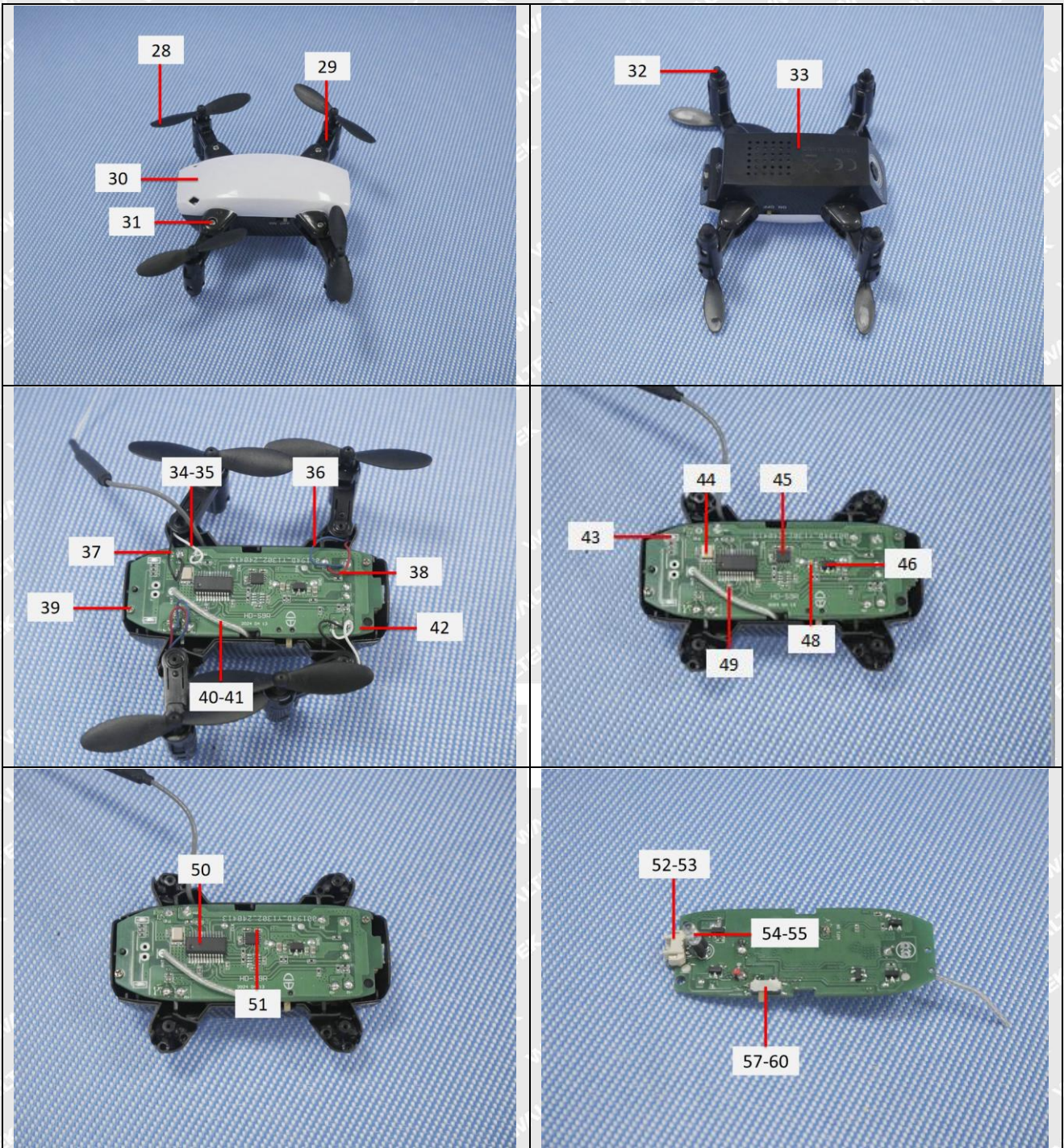
(8) As per client's requirement, to test the specified components. The test results relate only to the components tested, and it doesn't mean that the whole product complies with the RoHS Directive 2011/65/EU and its amendment (EU) No. 2015/863.

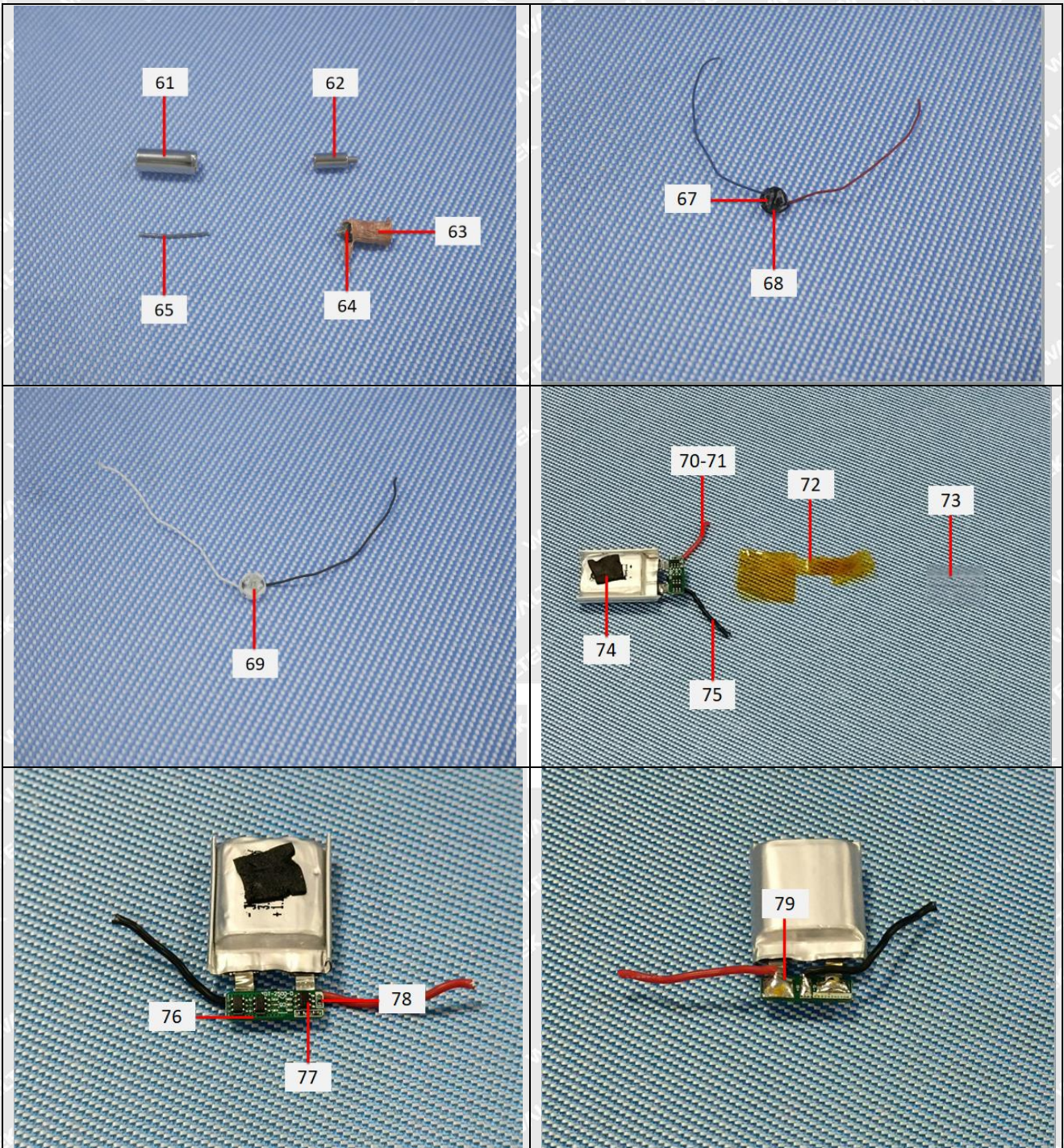
Measurement Flowchart:

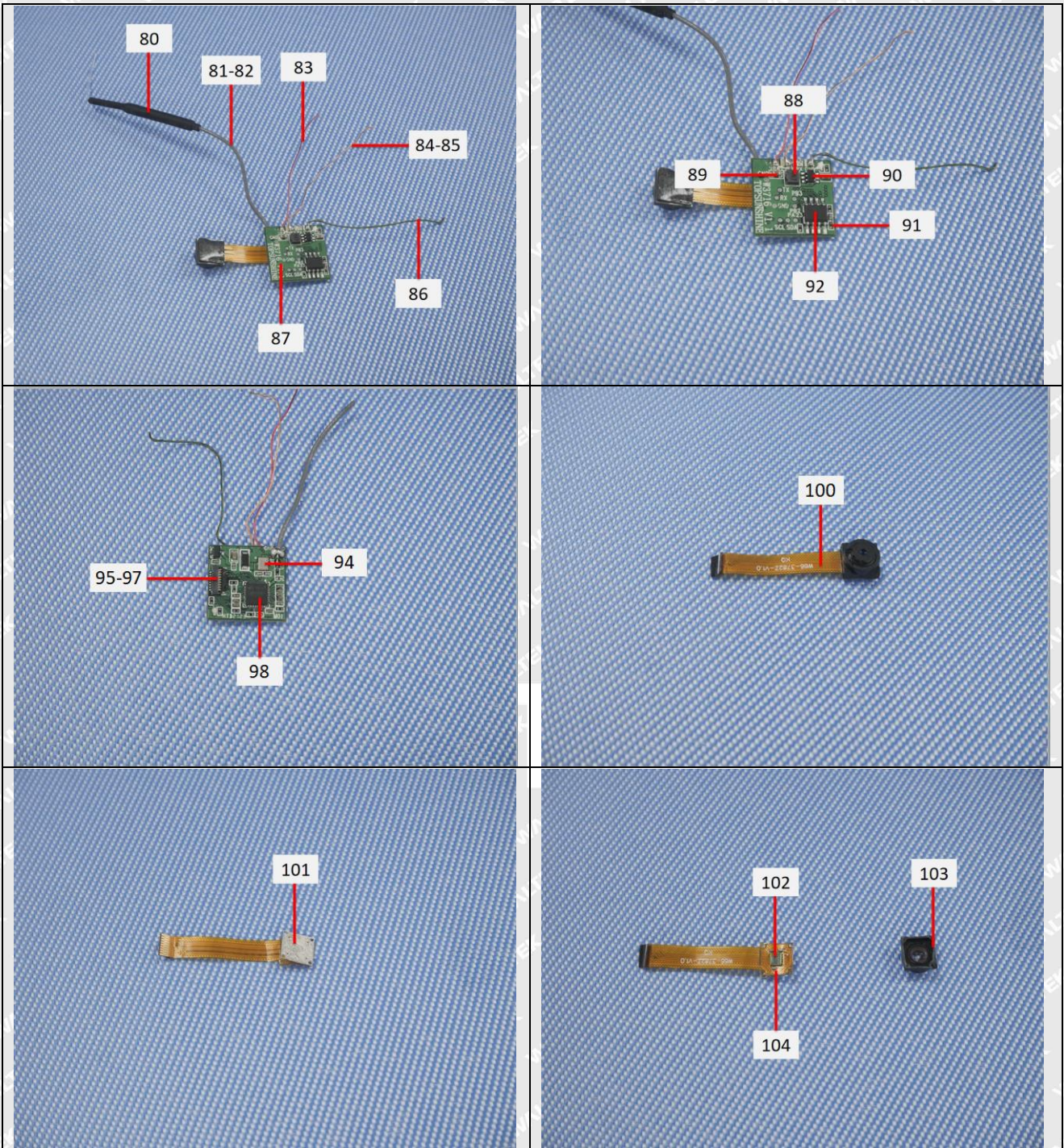


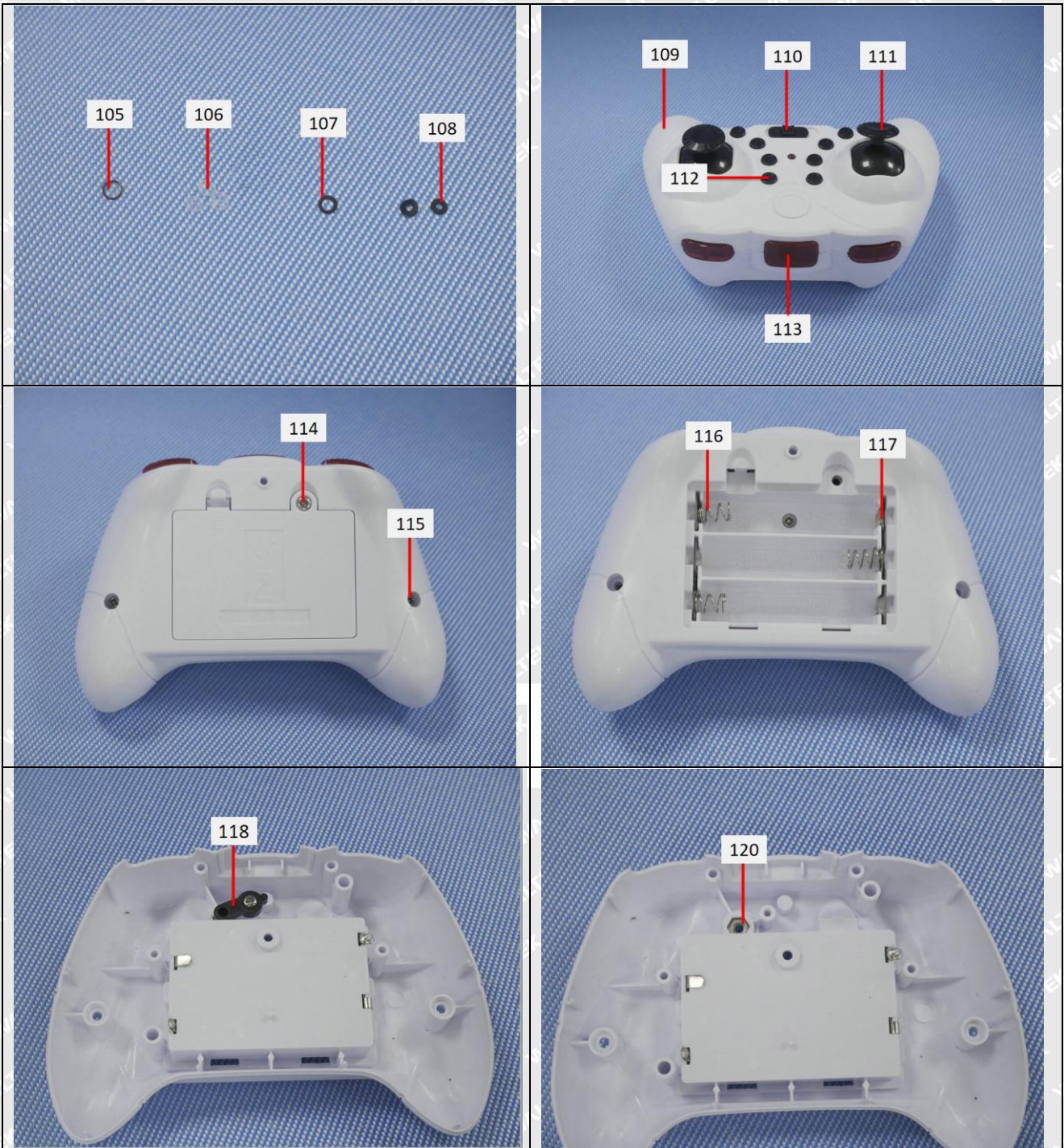
Photograph(s) of parts tested:

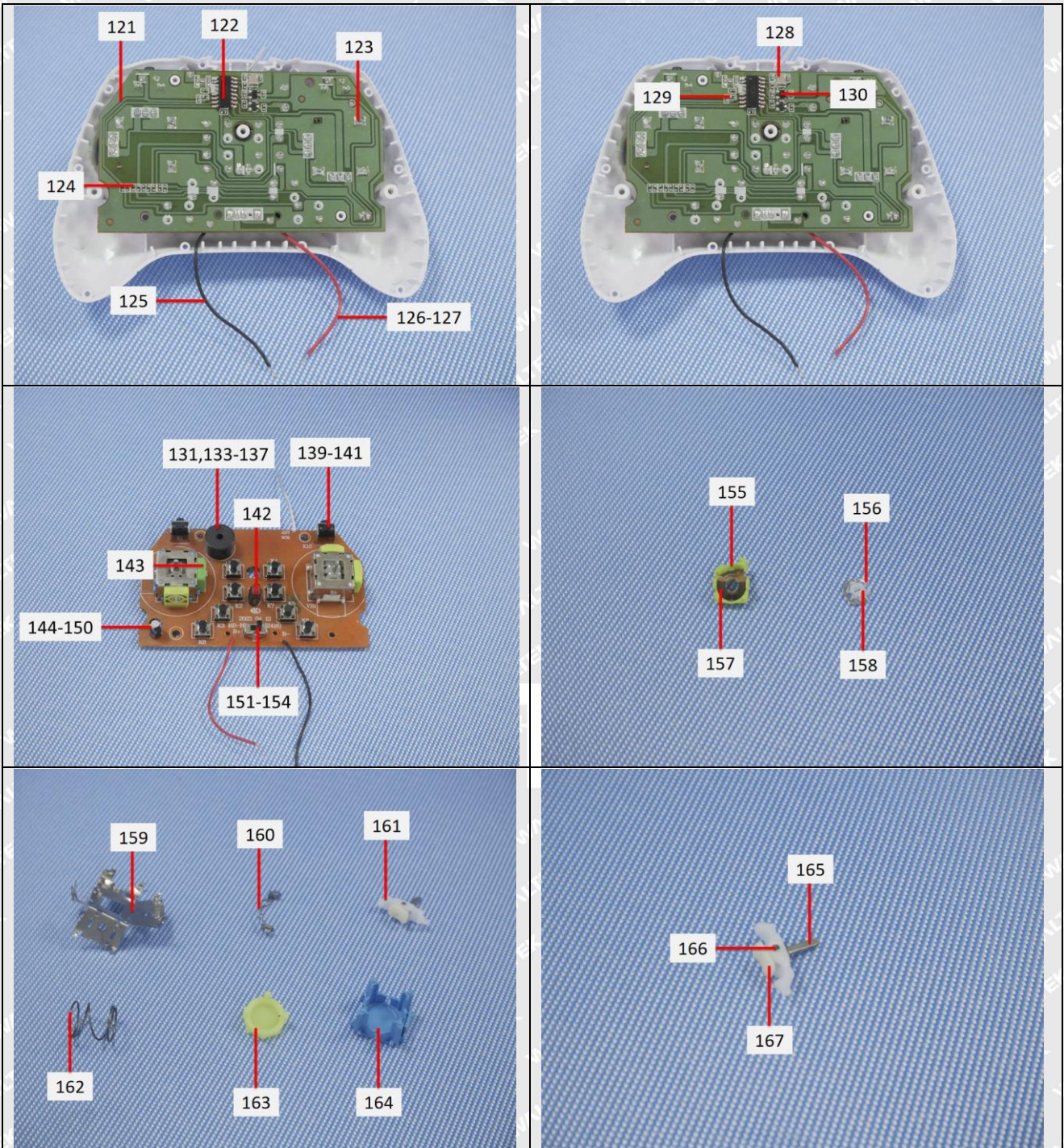


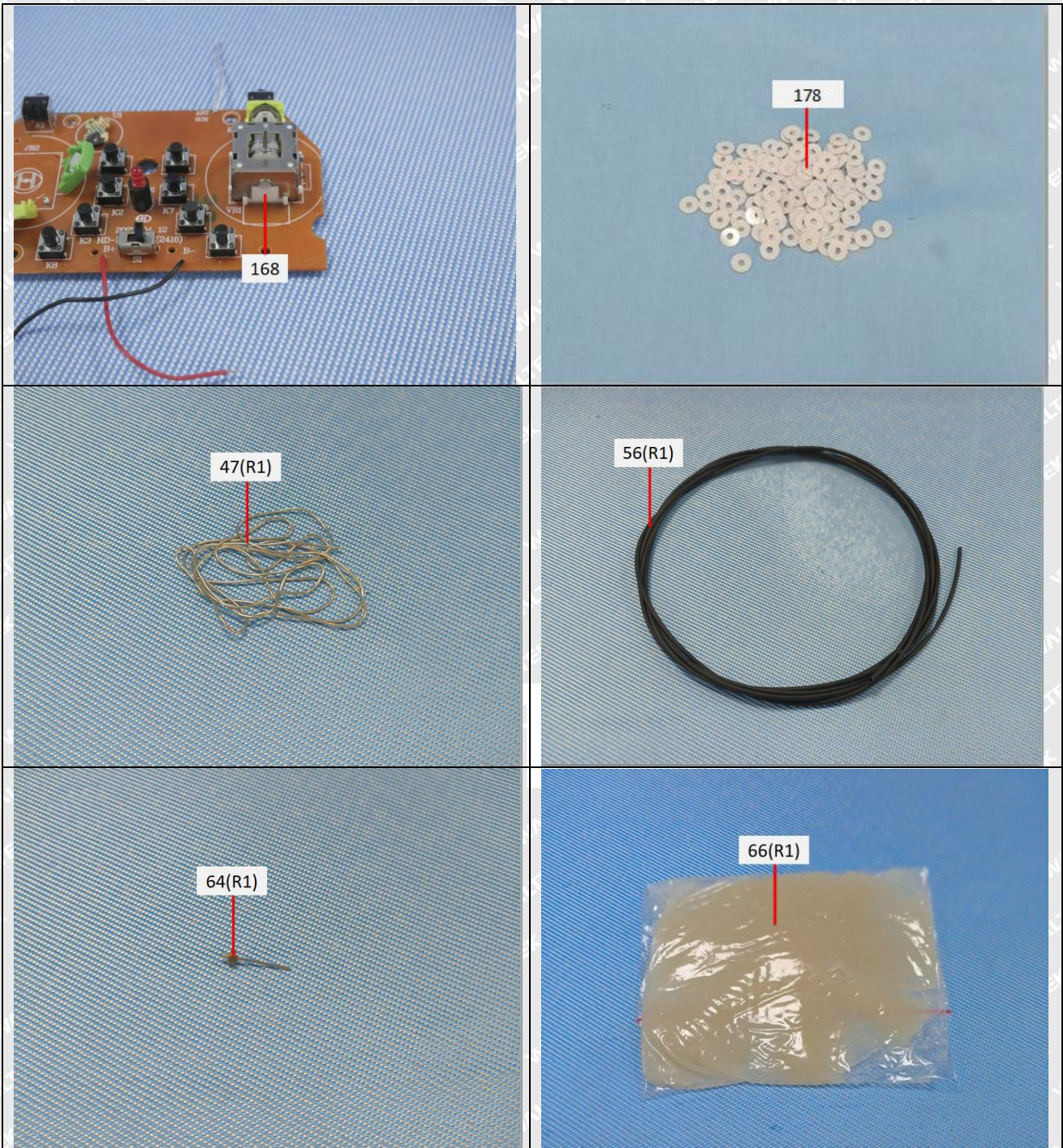


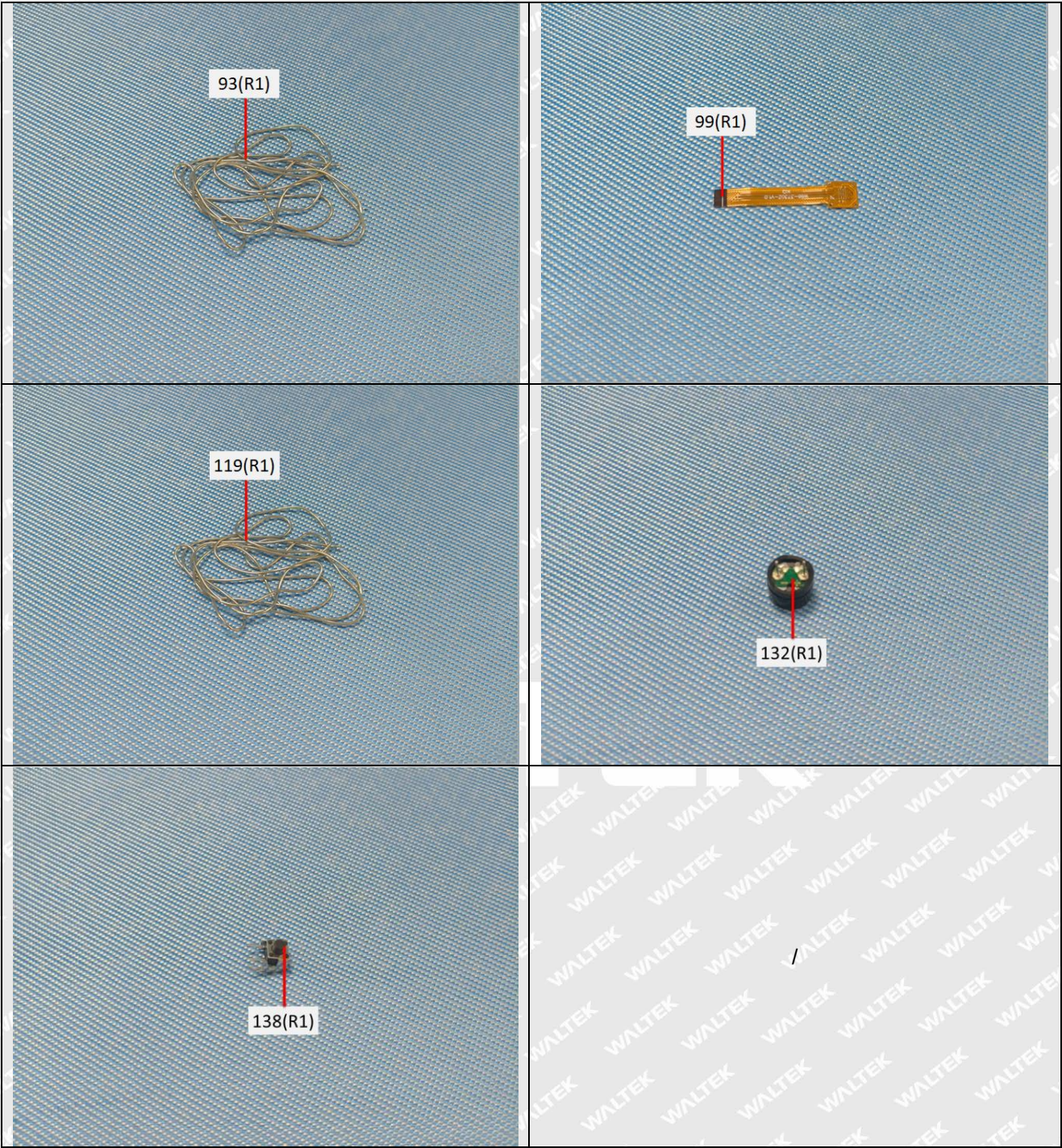












Report No.: WTF24F07159980A1X2C

Job No.: FSW2407110482CJ



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===== End of Report =====

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