



TEST REPORT

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REPORT No.: CTB25052303101C01

Applicant: Shenzhen Ai-Thinker Technology Co., Ltd
Address: 410,Block C, Huafeng Smart Innovation Port.Gushu 2nd Road,Gushu Community,Xixiang Street,Baoan District,Shenzhen,China

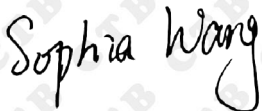


Manufacturer: Shenzhen Ai-Thinker Technology Co., Ltd
Address: 410,Block C, Huafeng Smart Innovation Port.Gushu 2nd Road,Gushu Community,Xixiang Street,Baoan District,Shenzhen,China

The following samples were submitted and identified on behalf of the clients as:

Sample name: WIFI Model
Brand: /
Model(s): See next page
Batch No.: /
Sample received date: Jun. 04,2025
Testing period: Jun. 04,2025 to Jun. 11,2025
Test Method: Please refer to next page(s).
Test Result: Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
European Directive 2011/65/EU and amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment	PASS

Tested By: 	Check By: 	Approve By: 
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Date:Jun. 12, 2025

Series models as below:

Model(s)	: Ai-M61-32SU, Ai-M61-CBM, Ai-M61-02S, Ai-M62-12F, Ai-M62-13, Ai-M62-13U, Ai-M62-M2-I, Ai-M62-32S, Ai-M62-07S, Ai-M62-CBS, Ai-M62-M01L, Ai-WB2-01F, Ai-WB2-01N, PWM-A01-1, Ai-WB3-12F, Ai-WB3-01C, Ai-WB1-32S, ESP-01F, ESP-07S, ESP-12S, ESP-13, ESP-13U, ESP32-SU, ESP-C3-M1, ESP-C3-M1-I, ESP-S3-12K, ESP-S3-32S, VC5SL16, BW20-12F, TG-12F, XW-01, XW-01D-S, PB-03, PB-03F, PB-03M, TB-04, TB-05, TG-03, Ra-01SCH-P, Ra-08, Ra-08H, Ra-09H, BU03, BU04, NF-05, NF-05-S, A9G, Ai-BV01-32S, VC-01, VC-02, Rd-03, Rd-03_V2 版, Rd-03D_V2 版, Rd-03E_V2 版, Rd-03L, Rd-03L_V2 版, Rd-03H, Rd-04, Rd-261-Kit, Ai-BS21-32S, Ai-WB2-Collect, BLE-V1.1, IoT CO Sensor, ESP-32S-Adapter, 1LKAA06, WIFI-Model-20240311-A01, WIFI-Model-20240509-B04
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Test Method:

A. Screening test by XRF spectroscopy

XRF screening limits for regulated elements according to IEC 62321-3-1:2013

Element	Screening limit / mg/kg		MDL	
	Polymers and metals	Composite material	Polymers	Other material
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma)$ $\leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma)$ $\leq OL$	10mg/kg	50mg/kg
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma)$ $\leq OL$	$LOD \leq (50-3\sigma) < X < (150+3\sigma)$ $\leq OL$	10mg/kg	50mg/kg
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma)$ $\leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma)$ $\leq OL$	10mg/kg	50mg/kg
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$	10mg/kg	50mg/kg
Br	$BL \leq (300-3\sigma) < X$ (non-metal only)	$BL \leq (250-3\sigma) < X$	10mg/kg	50mg/kg

B. Chemical Test

Test Item(s)	Test Method	Analysis Equipment(s)	MDL	Limit
Lead (Pb)	IEC 62321-5:2013	ICP-OES	2 mg/kg	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg	100mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000mg/kg
Hexavalent Chromium Cr(VI)	IEC 62321-7-1:2015	UV-VIS	--	1000mg/kg
	IEC 62321-7-2:2017		8 mg/kg	1000mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	50mg/kg	1000mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	50mg/kg	1000mg/kg
Phthalate	IEC 62321-8:2017	GC-MS	50mg/kg	1000mg/kg

Tested material list

Main test- IoT CO Sensor

No.	Description	Photo(s) of tested material
1	Black PCB	
2	IC	
3	Silver metal pin	
4	Black triode	
5	SMD resistor	
6	Solder point	
7	Black plastic (Switch button)	
8	Silver metal case(Switch button)	
9	Brown PCB (Switch button)	
10	SMD capacitor	
11	Silvery crystal oscillator	
12	SMD capacitor	
13	IC	
14	Silver metal case	
15	Copper-colored metal spring	
16	Silver metal case	
17	Silver metal pin (wire buckle)	
18	Black plastic (wire buckle)	
19	Black buzzer	
20	White plastic(wire buckle)	
21	Silver metal pin (wire buckle)	

Difference 1: Ai-WB2-Collect

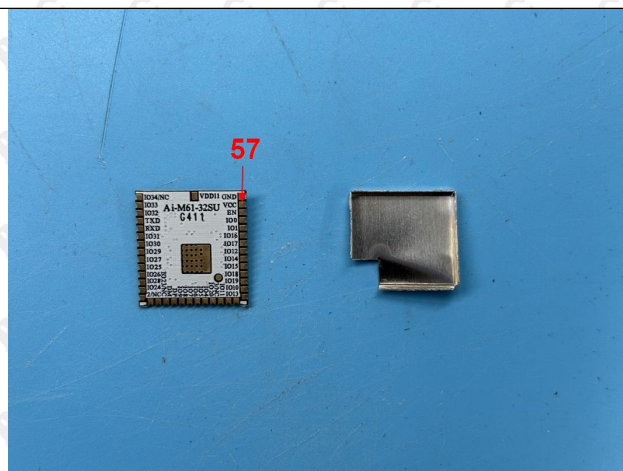
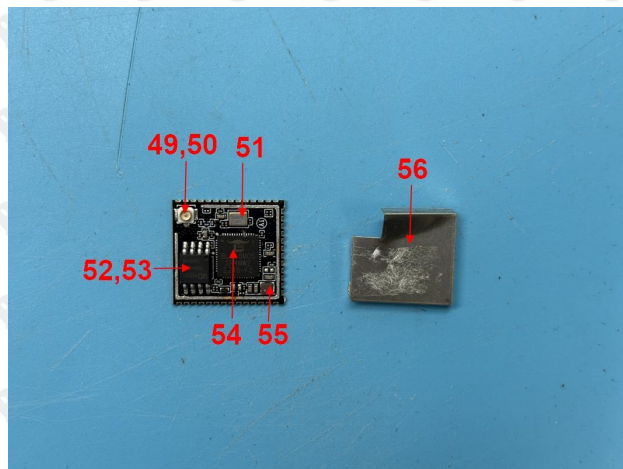
No.	Description	Photo(s) of tested material
22	Silver metal case (USB charging)	
23	Blue plastic (USB charging)	
24	Silver metal pin (USB charging)	
25	Black PCB	
26	Solder point	
27	Silvery crystal oscillator	
28	IC	
29	Black plastic (Switch button)	
30	Silver metal sheet (Switch button)	
31	SMD capacitor	
32	Black triode	
33	Black inductor	
34	IC	
35	Silver metal case	

Difference 2: ESP-32S-Adapter

36	White plastic(wire buckle)	
37	Silver metal pin (wire buckle)	
38	SMD capacitor	
39	Black body	
40	Black body	
41	IC	
42	SMD capacitor	
43	Black PCB	
44	White ceramic base	
45	Gold metal ring	
46	Silvery crystal oscillator	
47	Solder point	
48	Silver metal case	

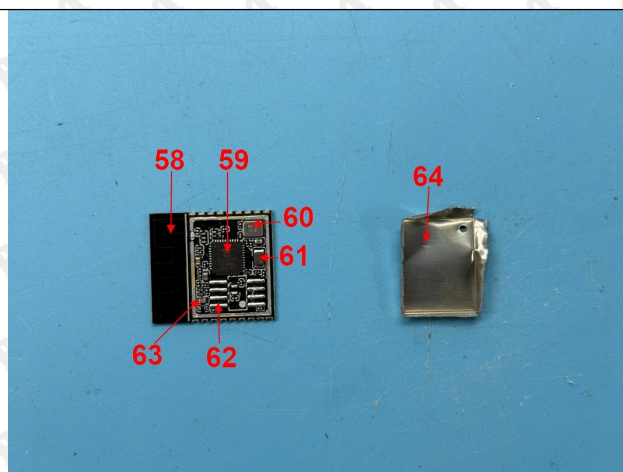
Difference 3: Ai-M61-32SU

49	White ceramic base
50	Gold metal ring
51	Silvery crystal oscillator
52	IC
53	Silver metal pin
54	IC
55	Black inductor
56	Silver metal case
57	Copper-colored metal foil



Difference 4: Ai-M62-13

58	Black PCB
59	IC
60	Silvery crystal oscillator
61	Black inductor
62	Solder point
63	SMD capacitor
64	Silver metal case



Difference 5: PWM-A01-1

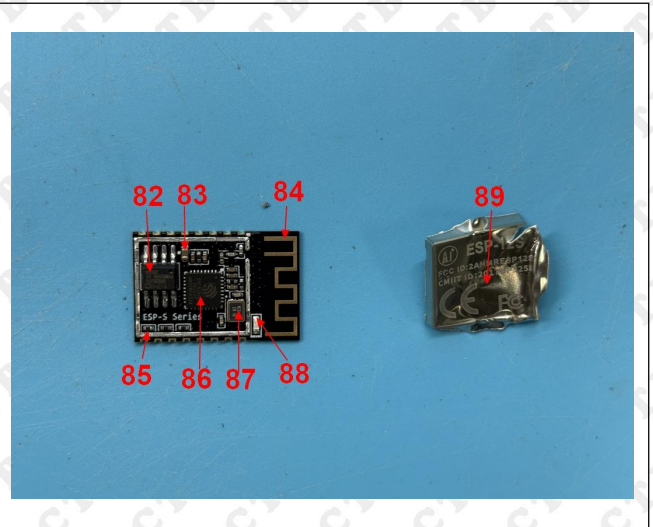
65	Black PCB	
66	White ceramic base	
67	Gold metal ring	
68	SMD capacitor	
69	IC	
70	Silvery crystal oscillator	
71	IC	
72	Silver metal pin	
73	IC	
74	Solder point	
75	Silver metal case	

Difference 6: Ai-WB1-32S

76	Black PCB	
77	SMD capacitor	
78	Solder point	
79	Silvery crystal oscillator	
80	IC	
81	Silver metal case	

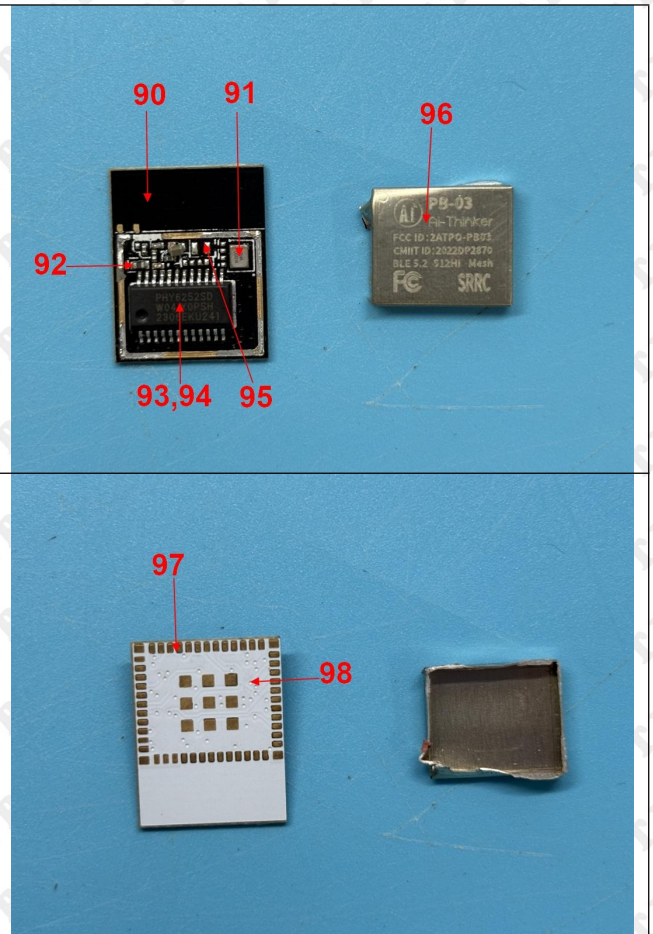
Difference 7: ESP-12S

82	IC
83	Black PCB
84	Copper metal foil
85	SMD capacitor
86	IC
87	Silvery crystal oscillator
88	White LED
89	Silver metal case



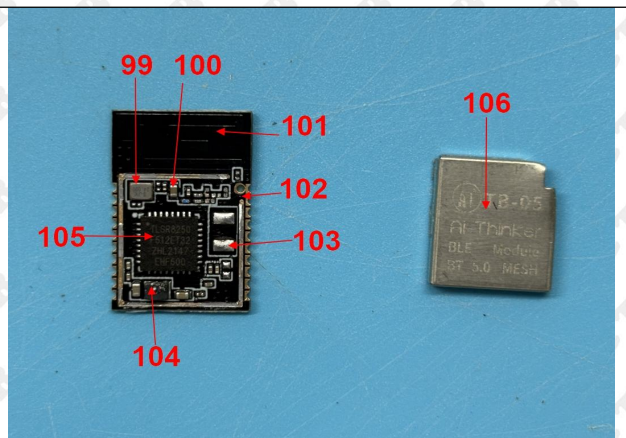
Difference 8: PB-03

90	Black PCB
91	Silvery crystal oscillator
92	SMD capacitor
93	IC
94	Silver metal pin
95	Solder point
96	Silver metal case
97	White coating
98	Copper-colored metal foil



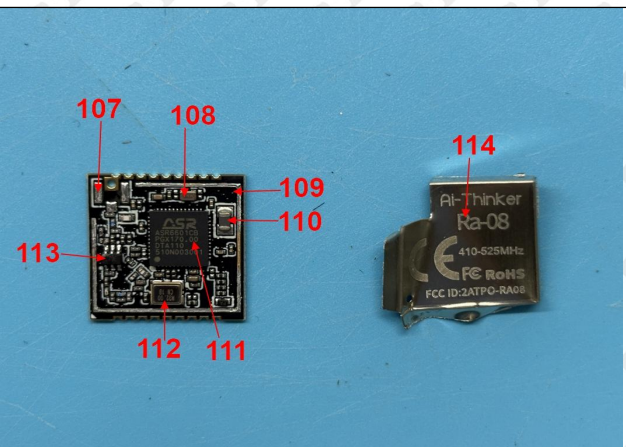
Difference 9: TB-05

99	Silvery crystal oscillator
100	SMD capacitor
101	Black PCB
102	Copper-colored metal foil
103	Solder point
104	Black inductor
105	IC
106	Silver metal case



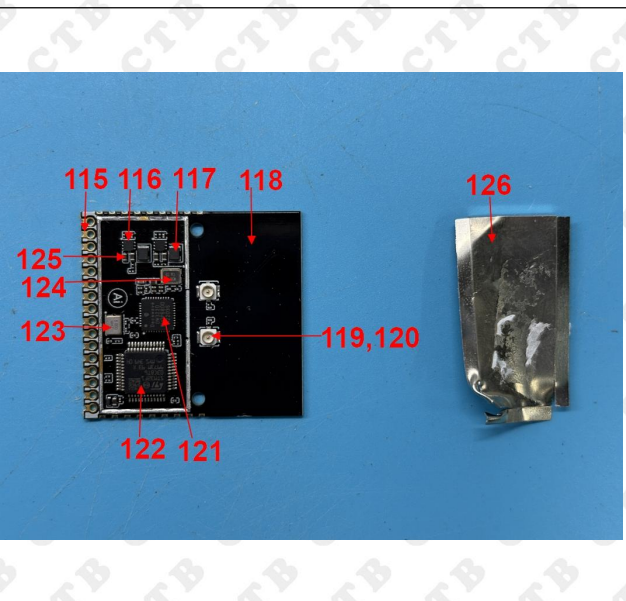
Difference 10: Ra-08

107	Solder point
108	Silvery small crystal oscillator
109	Black PCB
110	SMD capacitor
111	IC
112	Silvery crystal oscillator
113	Black body
114	Silver metal case



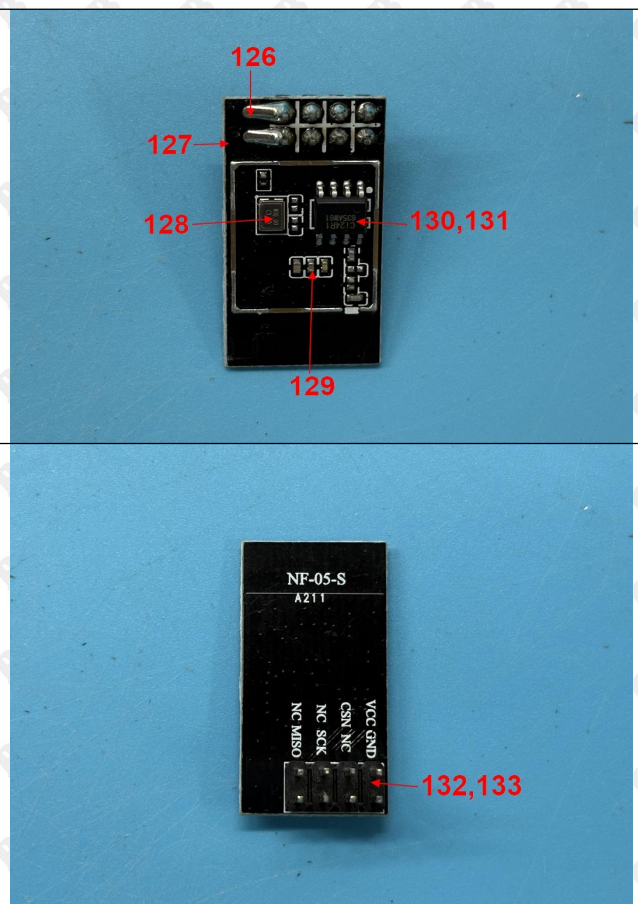
Difference 11: BU04

115	Copper metal foil
116	Black inductor (small)
117	Black inductor
118	Black PCB
119	White ceramic base
120	Gold metal ring
121	IC
122	IC
123	Silvery crystal oscillator
124	Silvery crystal oscillator
125	Silver metal case



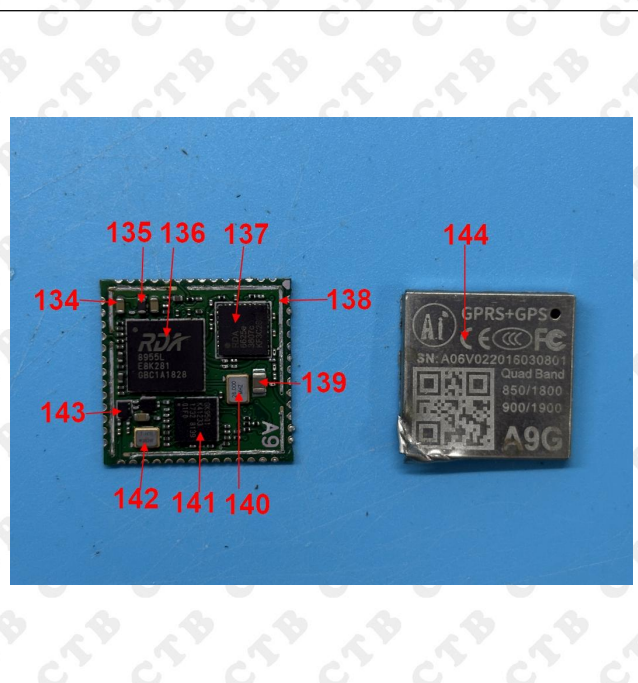
Difference 12: NF-05-S

126	Solder point
127	Black PCB
128	Silvery crystal oscillator
129	SMD capacitor
130	IC
131	Silver metal pin
132	Black plastic(wire buckle)
133	Silver metal pin (wire buckle)



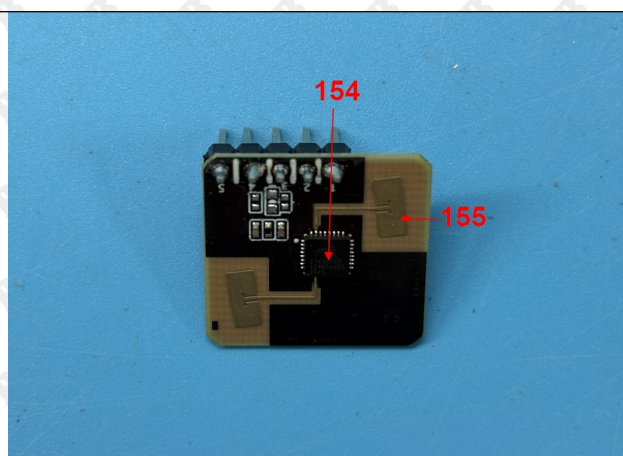
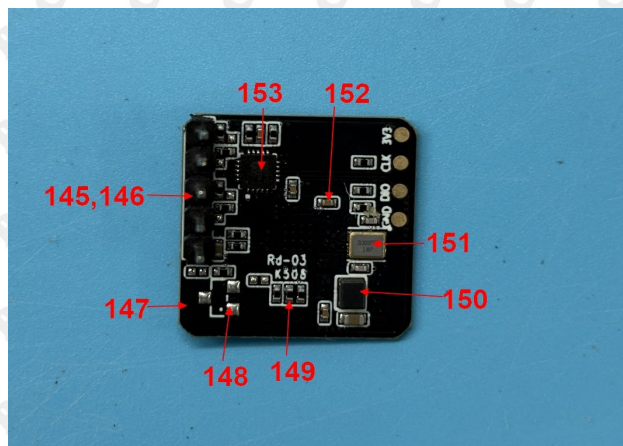
Difference 13: A9G

134	Brown capacitor
135	Black capacitor
136	IC
137	IC
138	Green PCB
139	Brown capacitor
140	Silvery crystal oscillator
141	IC
142	Silvery crystal oscillator
143	Black inductor
144	Silver metal case



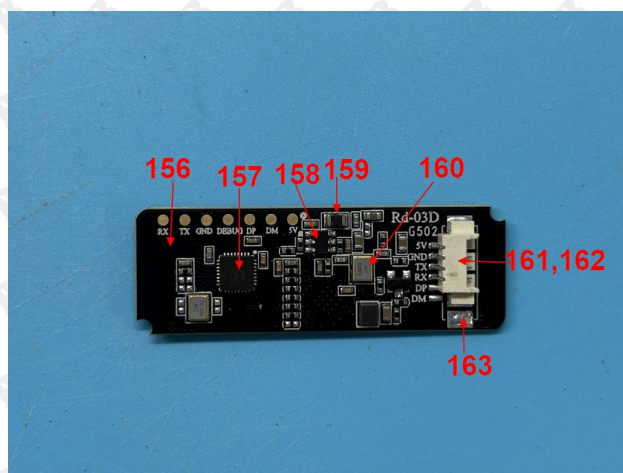
Difference 14: Rd-03_V2 版

145	Black plastic(wire buckle)
146	Silver metal pin (wire buckle)
147	Black PCB
148	Solder point
149	SMD resistor
150	Black inductor
151	Silvery crystal oscillator
152	SMD capacitor
153	IC
154	IC
155	Copper-colored metal foil

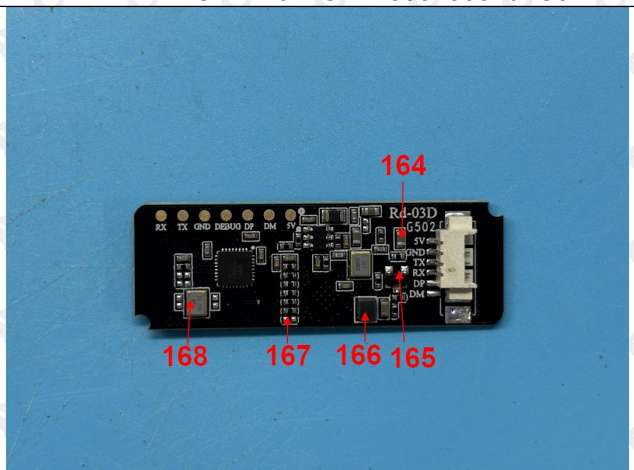


Difference 15: Rd-03D_V2 版

156	Black PCB
157	IC
158	Black body
159	Black capacitor
160	Silvery crystal oscillator
161	White plastic(wire buckle)
162	Silver metal pin (wire buckle)
163	Solder point

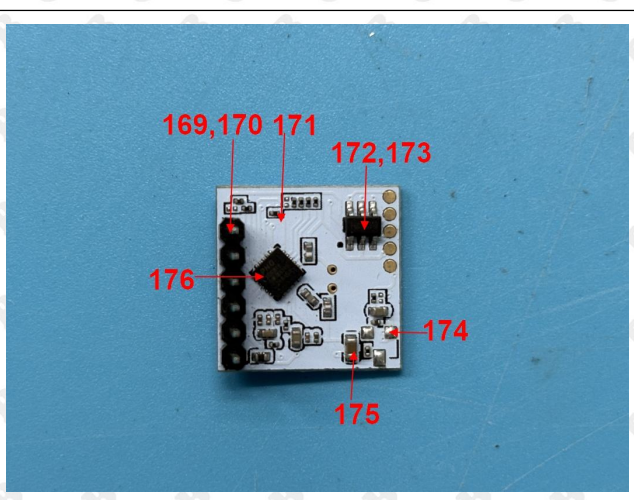


164	SMD capacitor
165	Black triode
166	Black inductor
167	SMD resistor
168	Silvery crystal oscillator



Difference 16: Rd-04

169	Black plastic(wire buckle)
170	Silver metal pin (wire buckle)
171	White PCB
172	Black body
173	Silver metal pin
174	Solder point
175	SMD capacitor
176	IC



Note: test samples were specified by applicant.

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Test Result(s):

No.	XRF screening Result					Chemical confirm Result (mg/kg)	Remark	Conclusion
	Pb	Cd	Hg	Cr	Br			
1	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
2	BL	BL	BL	BL	BL	---	---	PASS
3	BL	BL	BL	BL	NA	---	---	PASS
4	BL	BL	BL	BL	BL	---	---	PASS
5	BL	BL	BL	BL	BL	---	---	PASS
6	BL	BL	BL	BL	NA	---	---	PASS
7	BL	BL	BL	BL	BL	---	---	PASS
8	BL	BL	BL	BL	NA	---	---	PASS
9	BL	BL	BL	BL	BL	---	---	PASS
10	BL	BL	BL	BL	BL	---	---	PASS
11	BL	BL	BL	BL	NA	---	---	PASS
12	BL	BL	BL	BL	BL	---	---	PASS
13	BL	BL	BL	BL	BL	---	---	PASS
14	BL	BL	BL	BL	NA	---	---	PASS
15	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
16	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
17	BL	BL	BL	BL	NA	---	---	PASS
18	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
19	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
20	BL	BL	BL	BL	BL	---	---	PASS
21	BL	BL	BL	BL	NA	---	---	PASS
22	BL	BL	BL	BL	NA	---	---	PASS
23	BL	BL	BL	BL	BL	---	---	PASS

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24	BL	BL	BL	BL	NA	---	---	PASS
25	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
26	BL	BL	BL	BL	NA	---	---	PASS
27	BL	BL	BL	BL	NA	---	---	PASS
28	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
29	BL	BL	BL	BL	BL	---	---	PASS
30	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
31	BL	BL	BL	BL	BL	---	---	PASS
32	BL	BL	BL	BL	BL	---	---	PASS
33	BL	BL	BL	BL	NA	---	---	PASS
34	BL	BL	BL	BL	BL	---	---	PASS
35	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
36	BL	BL	BL	BL	BL	---	---	PASS
37	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
38	BL	BL	BL	BL	BL	---	---	PASS
39	BL	BL	BL	BL	BL	---	---	PASS
40	BL	BL	BL	BL	BL	---	---	PASS
41	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
42	BL	BL	BL	BL	BL	---	---	PASS
43	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
44	BL	BL	BL	BL	BL	---	---	PASS
45	BL	BL	BL	BL	NA	---	---	PASS
46	BL	BL	BL	BL	NA	---	---	PASS
47	BL	BL	BL	BL	NA	---	---	PASS
48	BL	BL	BL	BL	NA	---	---	PASS
49	BL	BL	BL	X	BL	Cr ⁶⁺ : N.D	---	PASS

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50	BL	BL	BL	BL	NA	---	---	PASS
51	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
52	BL	BL	BL	BL	BL	---	---	PASS
53	BL	BL	BL	BL	NA	---	---	PASS
54	BL	BL	BL	BL	BL	---	---	PASS
55	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
56	BL	BL	BL	BL	NA	---	---	PASS
57	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
58	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
59	BL	BL	BL	BL	BL	---	---	PASS
60	BL	BL	BL	BL	NA	---	---	PASS
61	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
62	BL	BL	BL	BL	NA	---	---	PASS
63	BL	BL	BL	BL	BL	---	---	PASS
64	BL	BL	BL	BL	NA	---	---	PASS
65	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
66	BL	BL	BL	BL	BL	---	---	PASS
67	BL	BL	BL	BL	NA	---	---	PASS
68	BL	BL	BL	BL	BL	---	---	PASS
69	BL	BL	BL	BL	BL	---	---	PASS
70	BL	BL	BL	BL	NA	---	---	PASS
71	BL	BL	BL	BL	BL	---	---	PASS
72	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
73	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
74	BL	BL	BL	BL	NA	---	---	PASS
75	BL	BL	BL	BL	NA	---	---	PASS

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76	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
77	BL	BL	BL	BL	BL	---	---	PASS
78	BL	BL	BL	BL	NA	---	---	PASS
79	BL	BL	BL	BL	NA	---	---	PASS
80	BL	BL	BL	BL	BL	---	---	PASS
81	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
82	BL	BL	BL	BL	BL	---	---	PASS
83	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
84	BL	BL	BL	BL	NA	---	---	PASS
85	BL	BL	BL	BL	BL	---	---	PASS
86	BL	BL	BL	BL	BL	---	---	PASS
87	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
88	BL	BL	BL	BL	BL	---	---	PASS
89	BL	BL	BL	BL	NA	---	---	PASS
90	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
91	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
92	BL	BL	BL	BL	BL	---	---	PASS
93	BL	BL	BL	BL	BL	---	---	PASS
94	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
95	BL	BL	BL	BL	NA	---	---	PASS
96	BL	BL	BL	BL	NA	---	---	PASS
97	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
98	BL	BL	BL	BL	NA	---	---	PASS
99	BL	BL	BL	BL	NA	---	---	PASS
100	BL	BL	BL	BL	BL	---	---	PASS
101	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS

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102	BL	BL	BL	BL	NA	---	---	PASS
103	BL	BL	BL	BL	NA	---	---	PASS
104	BL	BL	BL	BL	NA	---	---	PASS
105	BL	BL	BL	BL	BL	---	---	PASS
106	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
107	BL	BL	BL	BL	NA	---	---	PASS
108	BL	BL	BL	BL	NA	---	---	PASS
109	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
110	BL	BL	BL	BL	BL	---	---	PASS
111	BL	BL	BL	BL	BL	---	---	PASS
112	BL	BL	BL	BL	NA	---	---	PASS
113	BL	BL	BL	BL	BL	---	---	PASS
114	BL	BL	BL	BL	NA	---	---	PASS
115	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
116	BL	BL	BL	BL	NA	---	---	PASS
117	BL	BL	BL	BL	NA	---	---	PASS
118	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
119	BL	BL	BL	X	BL	Cr ⁶⁺ : N.D	---	PASS
120	BL	BL	BL	BL	NA	---	---	PASS
121	BL	BL	BL	BL	BL	---	---	PASS
122	BL	BL	BL	BL	BL	---	---	PASS
123	BL	BL	BL	BL	NA	---	---	PASS
124	BL	BL	BL	BL	NA	---	---	PASS
125	BL	BL	BL	BL	NA	---	---	PASS
126	BL	BL	BL	BL	NA	---	---	PASS
127	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS

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128	BL	BL	BL	BL	NA	---	---	PASS
129	BL	BL	BL	BL	BL	---	---	PASS
130	BL	BL	BL	BL	BL	---	---	PASS
131	BL	BL	BL	BL	NA	---	---	PASS
132	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
133	BL	BL	BL	BL	NA	---	---	PASS
134	BL	BL	BL	BL	BL	---	---	PASS
135	BL	BL	BL	BL	BL	---	---	PASS
136	BL	BL	BL	BL	BL	---	---	PASS
137	BL	BL	BL	BL	BL	---	---	PASS
138	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
139	BL	BL	BL	BL	BL	---	---	PASS
140	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
141	BL	BL	BL	BL	BL	---	---	PASS
142	BL	BL	BL	BL	NA	---	---	PASS
143	BL	BL	BL	BL	NA	---	---	PASS
144	BL	BL	BL	BL	NA	---	---	PASS
145	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
146	BL	BL	BL	BL	NA	---	---	PASS
147	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
148	BL	BL	BL	BL	NA	---	---	PASS
149	BL	BL	BL	BL	BL	---	---	PASS
150	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
151	BL	BL	BL	BL	NA	---	---	PASS
152	BL	BL	BL	BL	BL	---	---	PASS
153	BL	BL	BL	BL	BL	---	---	PASS

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154	BL	BL	BL	BL	BL	---	---	PASS
155	BL	BL	BL	X	NA	Cr ⁶⁺ : Negative	---	PASS
156	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
157	BL	BL	BL	BL	BL	---	---	PASS
158	BL	BL	BL	BL	BL	---	---	PASS
159	BL	BL	BL	BL	BL	---	---	PASS
160	BL	BL	BL	BL	NA	---	---	PASS
161	BL	BL	BL	BL	BL	---	---	PASS
162	BL	BL	BL	BL	NA	---	---	PASS
163	BL	BL	BL	BL	NA	---	---	PASS
164	BL	BL	BL	BL	BL	---	---	PASS
165	BL	BL	BL	BL	BL	---	---	PASS
166	BL	BL	BL	X	BL	Cr ⁶⁺ : N.D	---	PASS
167	BL	BL	BL	BL	BL	---	---	PASS
168	BL	BL	BL	BL	NA	---	---	PASS
169	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
170	BL	BL	BL	BL	NA	---	---	PASS
171	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	PASS
172	BL	BL	BL	BL	BL	---	---	PASS
173	BL	BL	BL	BL	NA	---	---	PASS
174	BL	BL	BL	BL	NA	---	---	PASS
175	BL	BL	BL	BL	BL	---	---	PASS
176	BL	BL	BL	BL	BL	---	---	PASS

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Test Item(s)	Dibutyl Phthalate (DBP) (mg/kg)	Benzylbutyl Phthalate (BBP) (mg/kg)	Bis-(2-ethylhexyl) Phthalate (DEHP) (mg/kg)	Diisobutyl phthalate (DIBP) (mg/kg)	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit	1000	1000	1000	1000	
No.	Result (mg/kg)				
19	N.D	N.D	N.D	N.D	PASS
1+2+4+5+7+9 +10+12+13	N.D	N.D	N.D	N.D	PASS
18+20+23+25 +28+31+32+ 34+35	N.D	N.D	N.D	N.D	PASS
36+38+39+40 +41+42+43+ 44	N.D	N.D	N.D	N.D	PASS
49+52+54+58 +59+63	N.D	N.D	N.D	N.D	PASS
65+66+68+69 +71+73	N.D	N.D	N.D	N.D	PASS
76+77+80+83 +85+86+89	N.D	N.D	N.D	N.D	PASS
90+92+93+97 +100+101+ 105	N.D	N.D	N.D	N.D	PASS
109+111+113 +115+118+ 119	N.D	N.D	N.D	N.D	PASS
121+122+129 +127	N.D	N.D	N.D	N.D	PASS
130+132+134 +135+136+ 137	N.D	N.D	N.D	N.D	PASS
138+139+141 +145+147	N.D	N.D	N.D	N.D	PASS
149+152+153 +154	N.D	N.D	N.D	N.D	PASS
156+157+158 +159+161	N.D	N.D	N.D	N.D	PASS
164+165+167 +169+171+ 175+176	N.D	N.D	N.D	N.D	PASS

Remark:

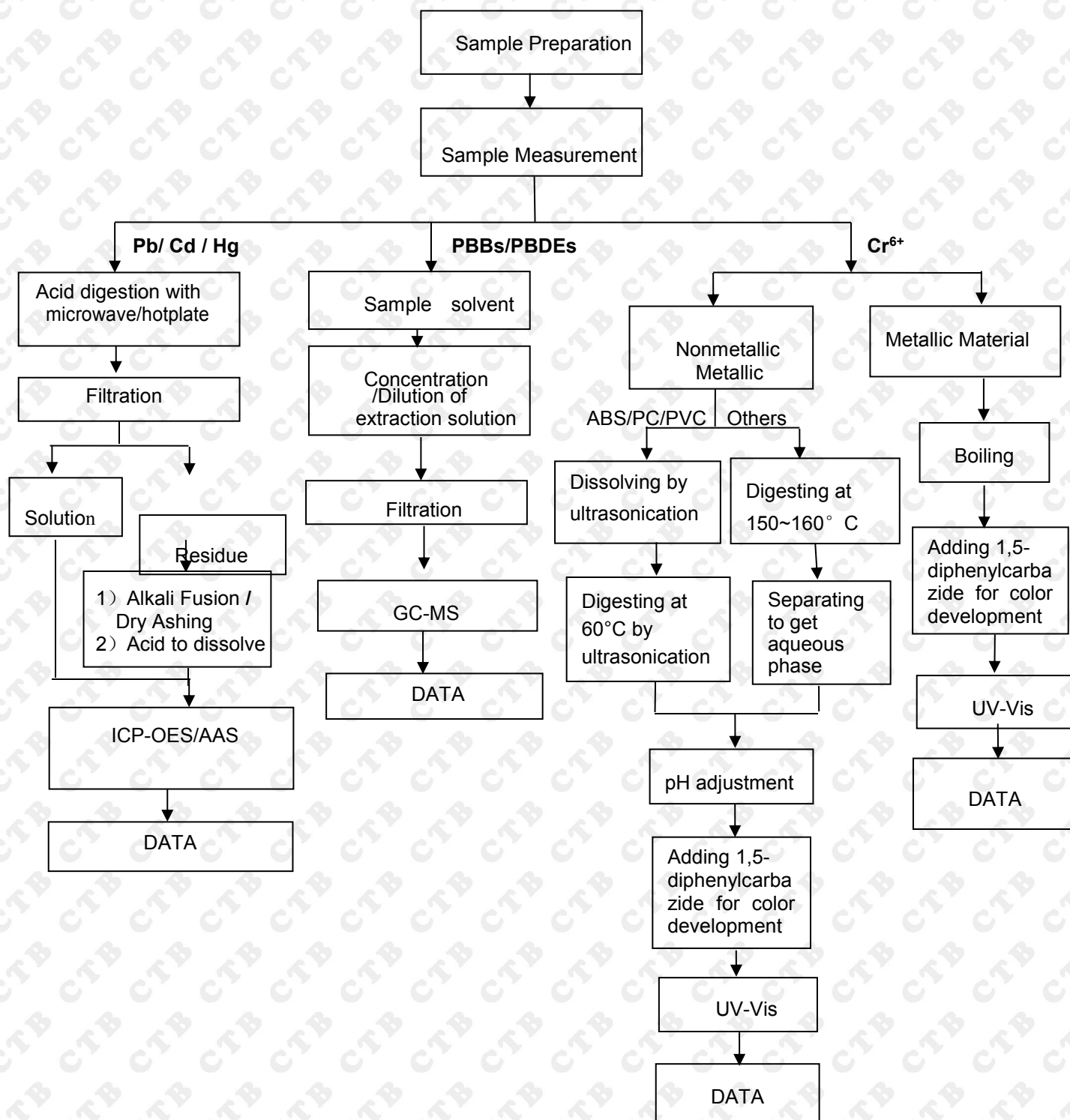
1. BL = below the limit
2. OL = over the limit
3. X = inconclusive, chemical confirm test is needed
4. NA = metal not applicable
5. mg/kg = milligram per kilogram = ppm
6. N.D = not detected
7. Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than $0.1\mu\text{g}/\text{cm}^2$ sample surface area used.
8. Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than $0.13\mu\text{g}/\text{cm}^2$
9. sample surface area used. The limit for composite test should be divided by the mixed number.

Note:

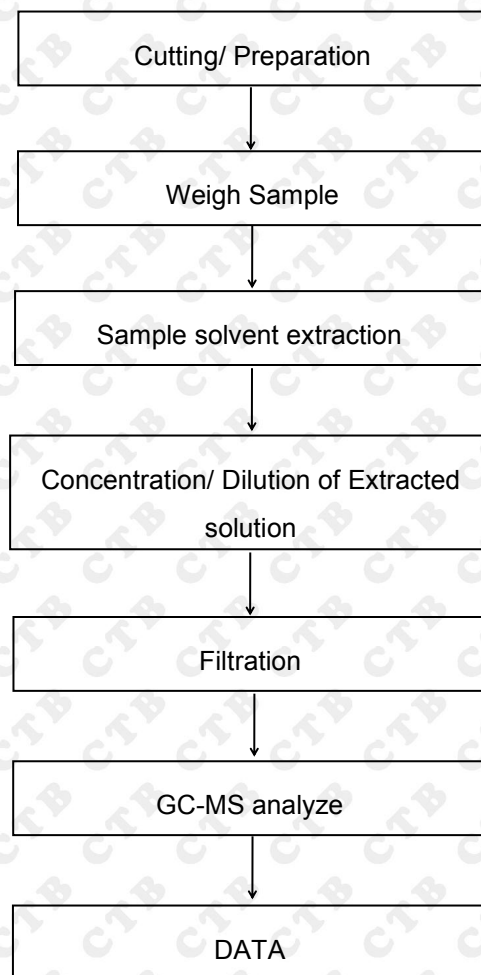
1. When perform screening tests, it is the result on total Br while test item on restricted substances is PBBs/PBDEs, it is the result on total Cr while test item on restricted substances is Cr^{6+} .
2. Pb, Cd, Hg, Cr and Br results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-VIS (for Cr^{6+}) and GC-MS (for PBBs, PBDEs) is needed to be performed, if the concentration falls into the inconclusive area according to IEC 62321-3-1:2013.
3. For 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. As requested by the applicant, EU RoHS test was conducted only on components listed in this report. Other components were not tested.

Test flow chart

1. Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs



2. Phthalate test flow chart

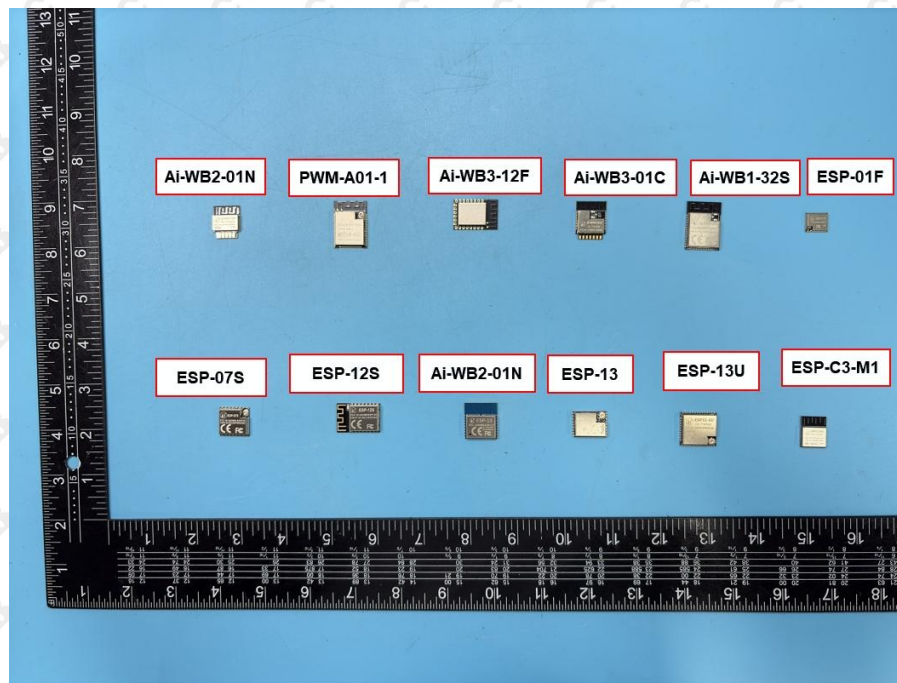
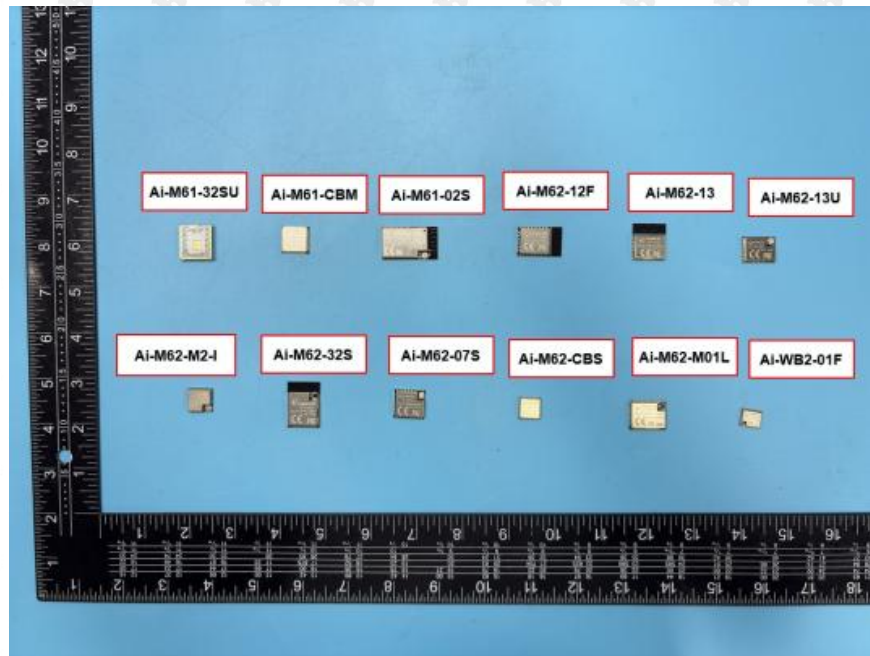


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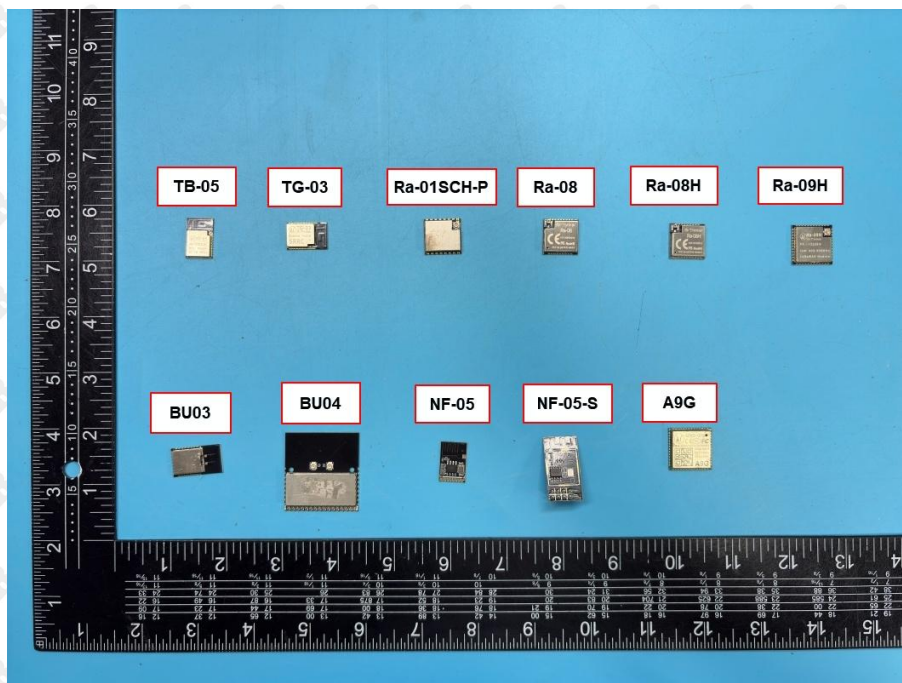
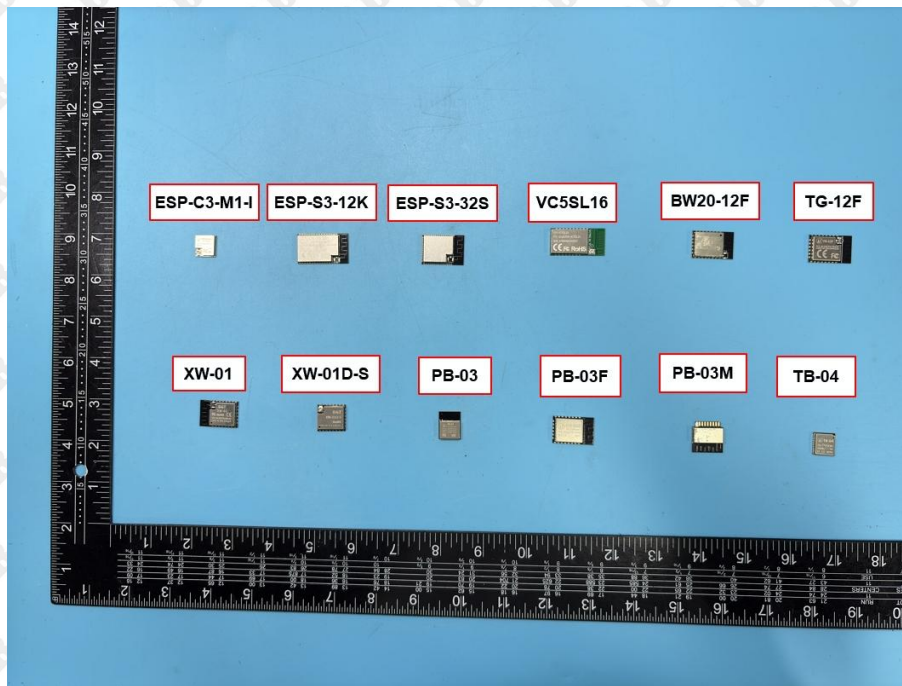
Photo documentation



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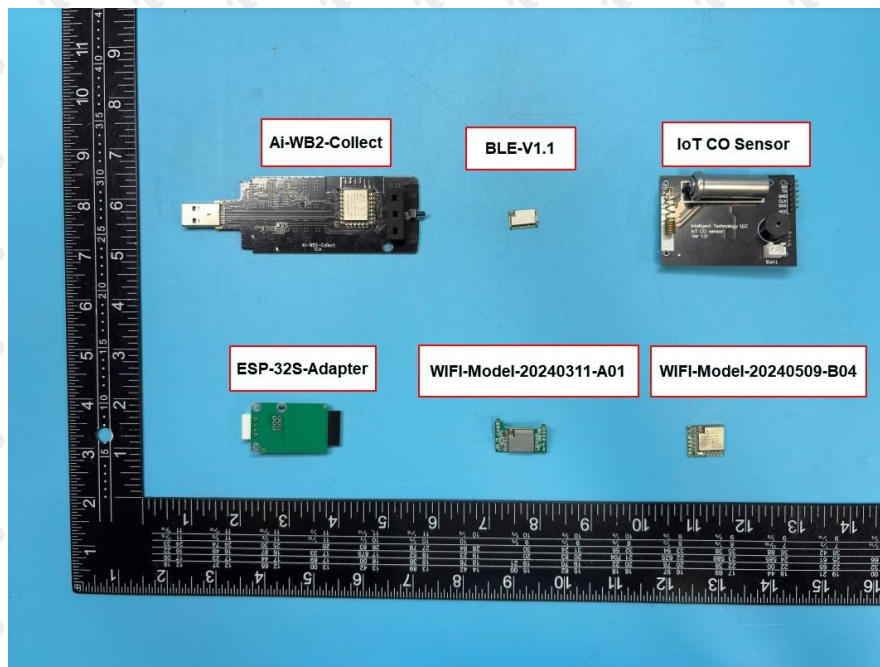
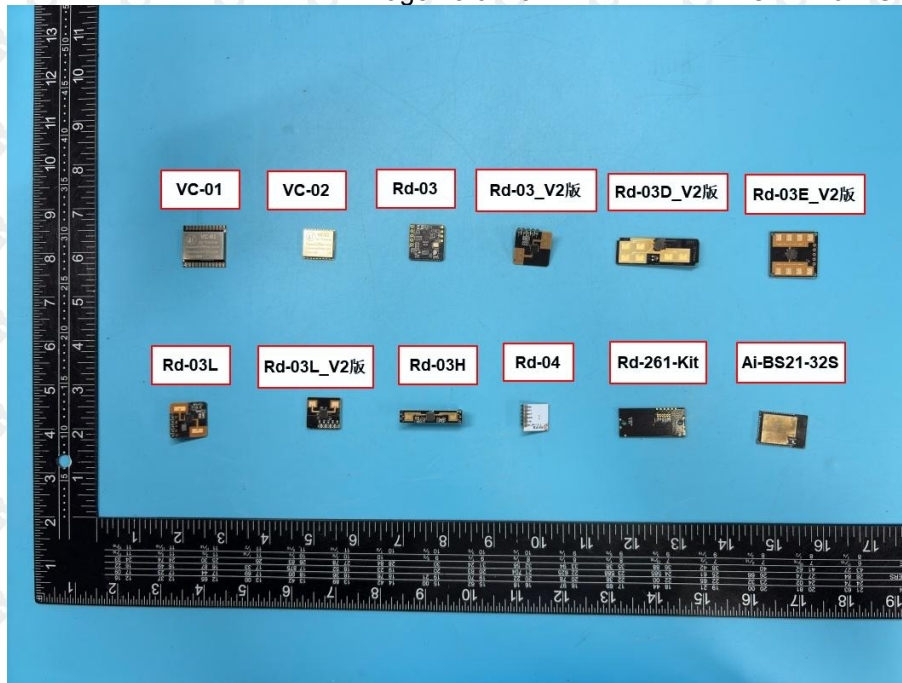
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*** End of Report ***

Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client. "★" indicates the testing items were fulfilled by subcontracted lab. "※" indicates the items are not in CNAS accreditation scope.

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