



TEST REPORT

Report Number: (6224)156-0066

June 12, 2024

Date Received: June 04, 2024

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Vecom Co., Ltd.
3F., No. 10, Jiankang Rd., Zhonghe Dist., New Taipei City 23586, Taiwan

Sample Description: High-Performance Fanless System

Item No(s): IVH-9000, IVH-9XXXXXXXXXXXXXXXXX ("X" can be 0-9, A-Z or blank for marketing purpose)
Test Period: June 04, 2024 to June 12, 2024

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	-
Phthalates Test – Directive 2015/863/EU Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) (Note: The amendment will be effective on 22 July 2019. For medical devices and control instruments, effective date will be 22 July 2021.)	PASS	-

REMARK

If there are questions or concerns on this report, please contact:

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BUREAU VERITAS CONSUMER PRODUCTS
SERVICES (H.K.) LIMITED, TAIWAN BRANCH

VICO LIN
MANAGER
ANALYTICAL DEPARTMENT

PREPARED BY : Tiffany Chin

C/N /TC/JK

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Photo of the Submitted Sample



Sample



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TEST RESULT

Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Test Method : See Appendix.

Test Item(s)	Item / Component Description(s)
1.	Silvery ; Metals
2.	Silvery ; Metals
3.	Black ; Metals
4.	Silvery ; Metals
5.	Silvery ; Metals
6.	Black/ white ; Metals
7.	Silvery ; Metals
8.	Black ; Metals
9.	Silvery ; Metals
10.	White/ black ; Plastic
11.	White/ black ; Plastic
12.	White/ black ; Plastic
13.	White/ black ; Plastic
14.	Black ; Metals
15.	Copper ; Metals
16.	Grey ; Plastic
17.	Silvery ; Metals
18.	Silvery ; Metals
19.	Silvery ; Metals
20.	White/ black ; Plastic
21.	Silvery ; Metals
22.	Black ; Metals
23.	Black ; Plastic
24.	White/ black ; Plastic
25.	Silvery ; Metals
26.	Silvery ; Metals
27.	Silvery ; Metals
28.	Silvery ; Metals
29.	Silvery ; Metals
30.	Silvery ; Metals
31.	Silvery ; Metals
32.	Silvery ; Metals
33.	Silvery ; Metals
34.	Silvery ; Metals
35.	Silvery ; Metals
36.	Black ; Plastic
37.	Black ; Plastic
38.	Black ; Metals
39.	Silvery ; Metals
40.	Silvery ; Metals
41.	Silvery ; Metals



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Test Item(s)	Item / Component Description(s)
42.	Silvery ; Metals
43.	Silvery ; Metals
44.	Silvery ; Metals
45.	Black ; Plastic
46.	Silvery ; Metals
47.	Transparent ; Plastic
48.	Silvery ; Plastic
49.	White ; Plastic
50.	Yellow ; Electronics
51.	White ; Plastic
52.	Orange ; Plastic
53.	Blue ; Plastic
54.	Red ; Plastic
55.	Black ; Plastic
56.	Black ; Plastic
57.	Silvery ; Metals
58.	Transparent ; Plastic
59.	White ; Plastic
60.	Silvery ; Metals
61.	Black ; Plastic
62.	Black ; Plastic
63.	Blue/ silvery ; Plastic
64.	White ; Plastic
65.	Red ; Plastic
66.	Silvery ; Metals
67.	Transparent ; Plastic
68.	Silvery ; Metals
69.	White ; Plastic
70.	Red ; Plastic
71.	Yellow ; Plastic
72.	Black ; Plastic
73.	Black ; Plastic
74.	Golden ; Metals
75.	Silvery ; Metals
76.	Silvery ; Metals
77.	Green ; Plastic
78.	Silvery ; Metals
79.	Black ; Plastic
80.	Black ; Plastic
81.	Brown ; Plastic
82.	Red ; Plastic
83.	Green ; Plastic
84.	Silvery ; Metals



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Test Item(s)	Item / Component Description(s)
85.	Yellow ; Plastic
86.	Black ; Plastic
87.	White ; Plastic
88.	Silvery ; Metals
89.	Pink ; Plastic
90.	White ; Plastic
91.	Grey ; Plastic
92.	Black ; Plastic
93.	Silvery ; Metals
94.	Black ; Electronics
95.	Black ; Electronics
96.	Silvery ; Metals
97.	Black ; Electronics
98.	Black ; Electronics
99.	Black ; Electronics
100.	Green ; Electronics
101.	Brown ; Electronics
102.	Silvery ; Electronics
103.	Black ; Electronics
104.	Black ; Electronics
105.	Silvery ; Electronics
106.	Brown ; Electronics
107.	Black ; Electronics
108.	Black ; Electronics
109.	Black ; Electronics
110.	Black ; Electronics
111.	Black ; Electronics
112.	Silvery ; Electronics
113.	Black ; Electronics
114.	Black ; Electronics
115.	Black ; Electronics
116.	Black ; Electronics
117.	Brown ; Electronics
118.	Brown ; Electronics
119.	Black ; Electronics
120.	Black ; Electronics
121.	Black ; Electronics
122.	White ; Electronics
123.	Black ; Electronics
124.	Green ; Electronics
125.	Green ; Electronics
126.	Black ; Electronics
127.	Black ; Electronics



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Test Item(s)	Item / Component Description(s)
128.	White ; Electronics
129.	Black ; Electronics
130.	Black ; Electronics
131.	Black ; Electronics
132.	Black ; Electronics
133.	Black ; Electronics
134.	Black ; Electronics
135.	Brown ; Electronics
136.	Black ; Electronics
137.	Black ; Electronics
138.	Black ; Electronics
139.	Black ; Electronics
140.	Silvery ; Metals
141.	Silvery ; Metals
142.	Black ; Plastic
143.	Green ; Plastic
144.	Red ; Plastic
145.	Black ; Plastic
146.	Silvery ; Metals
147.	Black ; Plastic
148.	Silvery ; Metals
149.	Green ; Plastic
150.	White ; Plastic
151.	Blue ; Electronics
152.	Black ; Electronics
153.	Silvery ; Electronics
154.	Blue ; Electronics
155.	White ; Plastic
156.	Black ; Plastic
157.	Black ; Plastic
158.	White ; Plastic
159.	Silvery ; Electronics
160.	Silvery ; Electronics
161.	Black ; Electronics
162.	Black ; Electronics
163.	Black ; Electronics
164.	Black ; Electronics
165.	Silvery ; Electronics
166.	Silvery ; Electronics
167.	Black ; Electronics
168.	Black ; Electronics
169.	Black ; Electronics
170.	Black ; Electronics



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Test Item(s)	Item / Component Description(s)
171.	Black ; Electronics
172.	Brown ; Electronics
173.	Black ; Electronics
174.	Black ; Electronics
175.	Silvery ; Electronics
176.	Black ; Electronics
177.	Black ; Electronics
178.	Silvery ; Electronics
179.	Silvery ; Electronics
180.	Silvery ; Electronics
181.	Black ; Electronics
182.	Black ; Electronics
183.	Black ; Electronics
184.	Black ; Electronics
185.	Black ; Electronics
186.	Silvery ; Metals
187.	Silvery ; Metals
188.	Black ; Plastic
189.	Silvery ; Metals
190.	Silvery ; Metals
191.	White ; Plastic
192.	Black ; Plastic
193.	Transparent ; Plastic
194.	Black ; Plastic
195.	Black ; Plastic
196.	Silvery ; Metals
197.	Silvery ; Metals
198.	White ; Plastic
199.	Silvery ; Metals
200.	Black ; Plastic
201.	Silvery ; Metals
202.	Black ; Plastic
203.	Green ; Plastic
204.	Transparent ; Plastic
205.	Silvery ; Metals
206.	Black ; Plastic
207.	Blue ; Plastic
208.	Yellow ; Plastic
209.	Green ; Plastic
210.	Black ; Plastic
211.	Black ; Plastic
212.	Green ; Electronics
213.	Black ; Metals



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Test Item(s)	Item / Component Description(s)
214.	Silvery ; Metals
215.	Silvery ; Metals
216.	Silvery ; Metals
217.	Silvery ; Metals
218.	Black ; Plastic
219.	Silvery ; Metals
220.	Green ; Plastic
221.	Silvery ; Metals
222.	Silvery ; Metals
223.	Silvery ; Metals
224.	Green ; Plastic
225.	Silvery ; Metals
226.	Silvery ; Metals
227.	Silvery ; Metals
228.	Silvery ; Metals
229.	Silvery ; Metals
230.	Green ; Plastic
231.	Yellow ; Plastic



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See Analytes and their corresponding Maximum Allowable Limit in Appendix

-	Result						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)#	PBBs	PBDEs	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
1.	ND	ND	ND	ND	NA	NA	PASS
2.	ND	ND	ND	ND	NA	NA	PASS
3.	ND	ND	ND	ND	NA	NA	PASS
4.	ND	ND	ND	ND	NA	NA	PASS
5.	ND	ND	ND	ND	NA	NA	PASS
6.	ND	ND	ND	ND	NA	NA	PASS
7.	ND	ND	ND	ND	NA	NA	PASS
8.	ND	ND	ND	ND	NA	NA	PASS
9.	ND	ND	ND	ND	NA	NA	PASS
10.	ND	ND	ND	ND	ND	ND	PASS
11.	ND	ND	ND	ND	ND	ND	PASS
12.	ND	ND	ND	ND	ND	ND	PASS
13.	ND	ND	ND	ND	ND	ND	PASS
14.	ND	ND	ND	ND	NA	NA	PASS
15.	ND	ND	ND	ND	NA	NA	PASS
16.	ND	ND	ND	ND	ND	ND	PASS
17.	ND	ND	ND	ND	NA	NA	PASS
18.	ND	ND	ND	ND	NA	NA	PASS
19.	ND	ND	ND	ND	NA	NA	PASS
20.	ND	ND	ND	ND	ND	ND	PASS
21.	ND	ND	ND	ND	NA	NA	PASS
22.	ND	ND	ND	ND	NA	NA	PASS
23.	ND	ND	ND	ND	ND	ND	PASS
24.	ND	ND	ND	ND	ND	ND	PASS
25.	ND	ND	ND	Negative*	NA	NA	PASS
26.	ND	ND	ND	ND	NA	NA	PASS
27.	ND	ND	ND	ND	NA	NA	PASS
28.	ND	ND	ND	Negative*	NA	NA	PASS
29.	ND	ND	ND	ND	NA	NA	PASS
30.	ND	ND	ND	Negative*	NA	NA	PASS
31.	ND	ND	ND	Negative*	NA	NA	PASS
32.	ND	ND	ND	ND	NA	NA	PASS
33.	ND	ND	ND	Negative*	NA	NA	PASS
34.	ND	ND	ND	ND	NA	NA	PASS
35.	ND	ND	ND	Negative*	NA	NA	PASS
36.	ND	ND	ND	ND	ND	ND	PASS
37.	ND	ND	ND	ND	ND	ND	PASS
38.	ND	ND	ND	ND	NA	NA	PASS



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-	Result						Conclusion
	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)#	PBBs	PBDEs	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
39.	ND	ND	ND	Negative*	NA	NA	PASS
40.	ND	ND	ND	ND	NA	NA	PASS
41.	ND	ND	ND	Negative*	NA	NA	PASS
42.	ND	ND	ND	ND	NA	NA	PASS
43.	ND	ND	ND	ND	NA	NA	PASS
44.	ND	ND	ND	ND	NA	NA	PASS
45.	ND	ND	ND	ND	ND	ND	PASS
46.	ND	ND	ND	ND	NA	NA	PASS
47.	ND	ND	ND	ND	ND	ND	PASS
48.	ND	ND	ND	ND	ND	ND	PASS
49.	ND	ND	ND	ND	ND	ND	PASS
50.	ND	ND	ND	ND	ND*	ND*	PASS
51.	ND	ND	ND	ND	ND	ND	PASS
52.	ND	ND	ND	ND	ND	ND	PASS
53.	ND	ND	ND	ND	ND	ND	PASS
54.	ND	ND	ND	ND	ND	ND	PASS
55.	ND	ND	ND	ND	ND	ND	PASS
56.	ND	ND	ND	ND	ND	ND	PASS
57.	ND	ND	ND	ND	NA	NA	PASS
58.	ND	ND	ND	ND	ND	ND	PASS
59.	ND	ND	ND	ND	ND	ND	PASS
60.	ND	ND	ND	Negative*	NA	NA	PASS
61.	ND	ND	ND	ND	ND	ND	PASS
62.	ND	ND	ND	ND	ND	ND	PASS
63.	ND	ND	ND	ND	ND	ND	PASS
64.	ND	ND	ND	ND	ND	ND	PASS
65.	ND	ND	ND	ND	ND	ND	PASS
66.	ND	ND	ND	ND	NA	NA	PASS
67.	ND	ND	ND	ND	ND	ND	PASS
68.	ND	ND	ND	ND	NA	NA	PASS
69.	ND	ND	ND	ND	ND	ND	PASS
70.	ND	ND	ND	ND	ND	ND	PASS
71.	ND	ND	ND	ND	ND	ND	PASS
72.	ND	ND	ND	ND	ND	ND	PASS
73.	ND	ND	ND	ND	ND	ND	PASS
74.	1876	ND	ND	ND	NA	NA	EXEMPTED
75.	ND	ND	ND	ND	NA	NA	PASS
76.	ND	ND	ND	ND	NA	NA	PASS
77.	ND	ND	ND	ND	ND	ND	PASS



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-	Result						Conclusion
	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)#	PBBs	PBDEs	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
78.	ND	ND	ND	ND	NA	NA	PASS
79.	ND	ND	ND	ND	ND	ND	PASS
80.	ND	ND	ND	ND	ND	ND	PASS
81.	ND	ND	ND	ND	ND	ND	PASS
82.	ND	ND	ND	ND	ND	ND	PASS
83.	ND	ND	ND	ND	ND	ND	PASS
84.	ND	ND	ND	ND	NA	NA	PASS
85.	ND	ND	ND	ND	ND	ND	PASS
86.	ND	ND	ND	ND	ND	ND	PASS
87.	ND	ND	ND	ND	ND	ND	PASS
88.	ND	ND	ND	ND	NA	NA	PASS
89.	ND	ND	ND	ND	ND	ND	PASS
90.	ND	ND	ND	ND	ND	ND	PASS
91.	ND	ND	ND	ND	ND	ND	PASS
92.	ND	ND	ND	ND	ND	ND	PASS
93.	ND	ND	ND	ND	NA	NA	PASS
94.	ND	ND	ND	ND	ND	ND	PASS
95.	ND	ND	ND	ND	ND	ND	PASS
96.	ND	ND	ND	Negative*	NA	NA	PASS
97.	ND	ND	ND	ND	ND	ND	PASS
98.	ND	ND	ND	ND	ND	ND	PASS
99.	ND	ND	ND	ND	ND	ND	PASS
100.	ND	ND	ND	ND	ND	ND	PASS
101.	ND	ND	ND	ND	ND	ND	PASS
102.	ND	ND	ND	ND	ND	ND	PASS
103.	ND	ND	ND	ND	ND	ND	PASS
104.	ND	ND	ND	ND	ND	ND	PASS
105.	ND	ND	ND	ND	ND	ND	PASS
106.	ND	ND	ND	ND	ND	ND	PASS
107.	ND	ND	ND	ND	ND	ND	PASS
108.	ND	ND	ND	ND	ND	ND	PASS
109.	ND	ND	ND	ND	ND	ND	PASS
110.	ND	ND	ND	ND	ND	ND	PASS
111.	ND	ND	ND	ND	ND	ND	PASS
112.	ND	ND	ND	ND	ND	ND	PASS
113.	ND	ND	ND	ND	ND	ND	PASS
114.	ND	ND	ND	ND	ND	ND	PASS
115.	ND	ND	ND	ND	ND	ND	PASS
116.	ND	ND	ND	ND	ND	ND	PASS



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-	Result						Conclusion
	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)#	PBBs	PBDEs	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
117.	ND	ND	ND	ND	ND	ND	PASS
118.	ND	ND	ND	ND	ND	ND	PASS
119.	ND	ND	ND	ND	ND	ND	PASS
120.	ND	ND	ND	ND	ND	ND	PASS
121.	ND	ND	ND	ND	ND	ND	PASS
122.	ND	ND	ND	ND	ND	ND	PASS
123.	ND	ND	ND	ND	ND	ND	PASS
124.	ND	ND	ND	ND	ND*	ND*	PASS
125.	ND	ND	ND	ND	ND*	ND*	PASS
126.	ND	ND	ND	ND	ND	ND	PASS
127.	ND	ND	ND	ND	ND	ND	PASS
128.	ND	ND	ND	ND	ND	ND	PASS
129.	ND	ND	ND	ND	ND	ND	PASS
130.	ND	ND	ND	ND	ND	ND	PASS
131.	ND	ND	ND	ND	ND	ND	PASS
132.	ND	ND	ND	ND	ND	ND	PASS
133.	ND	ND	ND	ND	ND	ND	PASS
134.	ND	ND	ND	ND	ND	ND	PASS
135.	ND	ND	ND	ND	ND	ND	PASS
136.	ND	ND	ND	ND	ND	ND	PASS
137.	ND	ND	ND	ND	ND	ND	PASS
138.	ND	ND	ND	ND	ND	ND	PASS
139.	ND	ND	ND	ND	ND	ND	PASS
140.	ND	ND	ND	ND	NA	NA	PASS
141.	ND	ND	ND	ND	NA	NA	PASS
142.	ND	ND	ND	ND	ND	ND	PASS
143.	ND	ND	ND	ND	ND	ND	PASS
144.	ND	ND	ND	ND	ND	ND	PASS
145.	ND	ND	ND	ND	ND	ND	PASS
146.	ND	ND	ND	Negative*	NA	NA	PASS
147.	ND	ND	ND	ND	ND	ND	PASS
148.	ND	ND	ND	ND	NA	NA	PASS
149.	ND	ND	ND	ND	ND	ND	PASS
150.	ND	ND	ND	ND	ND	ND	PASS
151.	ND	ND	ND	ND	ND	ND	PASS
152.	ND	ND	ND	ND	ND	ND	PASS
153.	ND	ND	ND	ND	ND	ND	PASS
154.	ND	ND	ND	ND	ND	ND	PASS
155.	ND	ND	ND	ND	ND	ND	PASS



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-	Result						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)#	PBBs	PBDEs	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
156.	ND	ND	ND	ND	ND	ND	PASS
157.	ND	ND	ND	ND	ND	ND	PASS
158.	ND	ND	ND	ND	ND	ND	PASS
159.	ND	ND	ND	ND	ND	ND	PASS
160.	ND	ND	ND	ND	ND	ND	PASS
161.	ND	ND	ND	ND	ND	ND	PASS
162.	ND	ND	ND	ND	ND	ND	PASS
163.	ND	ND	ND	ND	ND	ND	PASS
164.	ND	ND	ND	ND	ND	ND	PASS
165.	ND	ND	ND	ND	ND	ND	PASS
166.	ND	ND	ND	ND	ND	ND	PASS
167.	ND	ND	ND	ND	ND	ND	PASS
168.	ND	ND	ND	ND	ND	ND	PASS
169.	ND	ND	ND	ND	ND	ND	PASS
170.	ND	ND	ND	ND	ND	ND	PASS
171.	ND	ND	ND	ND	ND	ND	PASS
172.	ND	ND	ND	ND	ND	ND	PASS
173.	ND	ND	ND	ND	ND	ND	PASS
174.	ND	ND	ND	ND	ND	ND	PASS
175.	ND	ND	ND	ND	ND	ND	PASS
176.	ND	ND	ND	ND	ND	ND	PASS
177.	ND	ND	ND	ND	ND	ND	PASS
178.	ND	ND	ND	ND	ND	ND	PASS
179.	ND	ND	ND	ND	ND	ND	PASS
180.	ND	ND	ND	ND	ND	ND	PASS
181.	ND	ND	ND	ND	ND	ND	PASS
182.	ND	ND	ND	ND	ND	ND	PASS
183.	ND	ND	ND	ND	ND	ND	PASS
184.	ND	ND	ND	ND	ND	ND	PASS
185.	ND	ND	ND	ND	ND	ND	PASS
186.	ND	ND	ND	ND	NA	NA	PASS
187.	ND	ND	ND	ND	NA	NA	PASS
188.	ND	ND	ND	ND	ND	ND	PASS
189.	ND	ND	ND	Negative*	NA	NA	PASS
190.	ND	ND	ND	ND	NA	NA	PASS
191.	ND	ND	ND	ND	ND	ND	PASS
192.	ND	ND	ND	ND	ND	ND	PASS
193.	ND	ND	ND	ND	ND	ND	PASS
194.	ND	ND	ND	ND	ND	ND	PASS



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Parameter	Result						Conclusion
	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)#	PBBs	PBDEs	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
195.	ND	ND	ND	ND	ND	ND	PASS
196.	ND	ND	ND	Negative*	NA	NA	PASS
197.	ND	ND	ND	ND	NA	NA	PASS
198.	ND	ND	ND	ND	ND	ND	PASS
199.	ND	ND	ND	ND	NA	NA	PASS
200.	ND	ND	ND	ND	ND	ND	PASS
201.	ND	ND	ND	Negative*	NA	NA	PASS
202.	ND	ND	ND	ND	ND	ND	PASS
203.	ND	ND	ND	ND	ND	ND	PASS
204.	ND	ND	ND	ND	ND	ND	PASS
205.	ND	ND	ND	Negative*	NA	NA	PASS
206.	ND	ND	ND	ND	ND	ND	PASS
207.	ND	ND	ND	ND	ND	ND	PASS
208.	ND	ND	ND	ND	ND	ND	PASS
209.	ND	ND	ND	ND	ND	ND	PASS
210.	ND	ND	ND	ND	ND	ND	PASS
211.	ND	ND	ND	ND	ND	ND	PASS
212.	ND	ND	ND	ND	ND*	ND*	PASS
213.	ND	ND	ND	ND	NA	NA	PASS
214.	ND	ND	ND	ND	NA	NA	PASS
215.	ND	ND	ND	ND	NA	NA	PASS
216.	ND	ND	ND	ND	NA	NA	PASS
217.	ND	ND	ND	ND	NA	NA	PASS
218.	ND	ND	ND	ND	ND	ND	PASS
219.	ND	ND	ND	ND	NA	NA	PASS
220.	ND	ND	ND	ND	ND	ND	PASS
221.	ND	ND	ND	Negative*	NA	NA	PASS
222.	6701	ND	ND	ND	NA	NA	EXEMPTED
223.	ND	ND	ND	ND	NA	NA	PASS
224.	ND	ND	ND	ND	ND	ND	PASS
225.	ND	ND	ND	Negative*	NA	NA	PASS
226.	ND	ND	ND	Negative*	NA	NA	PASS
227.	ND	ND	ND	Negative*	NA	NA	PASS
228.	ND	ND	ND	ND	NA	NA	PASS
229.	ND	ND	ND	Negative*	NA	NA	PASS
230.	ND	ND	ND	ND	ND	ND	PASS
231.	ND	ND	ND	ND	ND	ND	PASS



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Test Method : With reference to International Standard IEC 62321-8.

Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1.	/	/	%	NA
2.	/	/	%	NA
3.	/	/	%	NA
4.	/	/	%	NA
5.	/	/	%	NA
6.	/	/	%	NA
7.	/	/	%	NA
8.	/	/	%	NA
9.	/	/	%	NA
10.	ND	ND	%	PASS
11.	ND	ND	%	PASS
12.	ND	ND	%	PASS
13.	ND	ND	%	PASS
14.	/	/	%	NA
15.	/	/	%	NA
16.	ND	ND	%	PASS
17.	/	/	%	NA
18.	/	/	%	NA
19.	/	/	%	NA
20.	ND	ND	%	PASS
21.	/	/	%	NA
22.	/	/	%	NA
23.	ND	ND	%	PASS
24.	ND	ND	%	PASS
25.	/	/	%	NA
26.	/	/	%	NA
27.	/	/	%	NA
28.	/	/	%	NA
29.	/	/	%	NA
30.	/	/	%	NA
31.	/	/	%	NA
32.	/	/	%	NA
33.	/	/	%	NA
34.	/	/	%	NA
35.	/	/	%	NA



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Maximum Allowable Limit:	DEHP, BBP, DBP & DIBP: 0.1 % (Each)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
36.	ND	ND	%	PASS
37.	ND	ND	%	PASS
38.	/	/	%	NA
39.	/	/	%	NA
40.	/	/	%	NA
41.	/	/	%	NA
42.	/	/	%	NA
43.	/	/	%	NA
44.	/	/	%	NA
45.	ND	ND	%	PASS
46.	/	/	%	NA
47.	ND	ND	%	PASS
48.	ND	ND	%	PASS
49.	ND	ND	%	PASS
50.	ND	ND	%	PASS
51.	ND	ND	%	PASS
52.	DBP DEHP	0.0925 0.00743	%	PASS
53.	DBP DEHP	0.0973 0.0298	%	PASS
54.	DBP DEHP	0.091 0.0504	%	PASS
55.	DBP	0.0241	%	PASS
56.	DBP	0.0069	%	PASS
57.	/	/	%	NA
58.	ND	ND	%	PASS
59.	ND	ND	%	PASS
60.	/	/	%	NA
61.	ND	ND	%	PASS
62.	ND	ND	%	PASS
63.	ND	ND	%	PASS
64.	ND	ND	%	PASS
65.	DBP	0.0116	%	PASS
66.	/	/	%	NA
67.	ND	ND	%	PASS
68.	/	/	%	NA
69.	ND	ND	%	PASS



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Maximum Allowable Limit:	DEHP, BBP, DBP & DIBP: 0.1 % (Each)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
70.	DEHP	0.00815	%	PASS
71.	DEHP	0.0142	%	PASS
72.	DEHP	0.00857	%	PASS
73.	ND	ND	%	PASS
74.	/	/	%	NA
75.	/	/	%	NA
76.	/	/	%	NA
77.	ND	ND	%	PASS
78.	/	/	%	NA
79.	ND	ND	%	PASS
80.	DEHP	0.0161	%	PASS
81.	DEHP	0.0102	%	PASS
82.	DEHP	0.0143	%	PASS
83.	DEHP	0.0124	%	PASS
84.	/	/	%	NA
85.	DEHP	0.0095	%	PASS
86.	ND	ND	%	PASS
87.	ND	ND	%	PASS
88.	/	/	%	NA
89.	DEHP	0.0146	%	PASS
90.	ND	ND	%	PASS
91.	DEHP	0.0178	%	PASS
92.	ND	ND	%	PASS
93.	/	/	%	NA
94.	ND	ND	%	PASS
95.	ND	ND	%	PASS
96.	/	/	%	NA
97.	ND	ND	%	PASS
98.	ND	ND	%	PASS
99.	ND	ND	%	PASS
100.	ND	ND	%	PASS
101.	ND	ND	%	PASS
102.	ND	ND	%	PASS
103.	ND	ND	%	PASS
104.	ND	ND	%	PASS
105.	ND	ND	%	PASS
106.	ND	ND	%	PASS



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Maximum Allowable Limit:	DEHP, BBP, DBP & DIBP: 0.1 % (Each)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
107.	ND	ND	%	PASS
108.	ND	ND	%	PASS
109.	ND	ND	%	PASS
110.	ND	ND	%	PASS
111.	ND	ND	%	PASS
112.	ND	ND	%	PASS
113.	ND	ND	%	PASS
114.	ND	ND	%	PASS
115.	ND	ND	%	PASS
116.	ND	ND	%	PASS
117.	ND	ND	%	PASS
118.	ND	ND	%	PASS
119.	ND	ND	%	PASS
120.	ND	ND	%	PASS
121.	ND	ND	%	PASS
122.	ND	ND	%	PASS
123.	ND	ND	%	PASS
124.	ND	ND	%	PASS
125.	ND	ND	%	PASS
126.	ND	ND	%	PASS
127.	ND	ND	%	PASS
128.	ND	ND	%	PASS
129.	ND	ND	%	PASS
130.	ND	ND	%	PASS
131.	ND	ND	%	PASS
132.	ND	ND	%	PASS
133.	ND	ND	%	PASS
134.	ND	ND	%	PASS
135.	ND	ND	%	PASS
136.	ND	ND	%	PASS
137.	ND	ND	%	PASS
138.	ND	ND	%	PASS
139.	ND	ND	%	PASS
140.	/	/	%	NA
141.	/	/	%	NA
142.	ND	ND	%	PASS
143.	ND	ND	%	PASS



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Maximum Allowable Limit:	DEHP, BBP, DBP & DIBP: 0.1 % (Each)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
144.	ND	ND	%	PASS
145.	ND	ND	%	PASS
146.	/	/	%	NA
147.	ND	ND	%	PASS
148.	/	/	%	NA
149.	ND	ND	%	PASS
150.	ND	ND	%	PASS
151.	ND	ND	%	PASS
152.	ND	ND	%	PASS
153.	ND	ND	%	PASS
154.	ND	ND	%	PASS
155.	ND	ND	%	PASS
156.	ND	ND	%	PASS
157.	ND	ND	%	PASS
158.	ND	ND	%	PASS
159.	ND	ND	%	PASS
160.	ND	ND	%	PASS
161.	ND	ND	%	PASS
162.	ND	ND	%	PASS
163.	ND	ND	%	PASS
164.	ND	ND	%	PASS
165.	ND	ND	%	PASS
166.	ND	ND	%	PASS
167.	ND	ND	%	PASS
168.	ND	ND	%	PASS
169.	ND	ND	%	PASS
170.	ND	ND	%	PASS
171.	ND	ND	%	PASS
172.	ND	ND	%	PASS
173.	ND	ND	%	PASS
174.	ND	ND	%	PASS
175.	ND	ND	%	PASS
176.	ND	ND	%	PASS
177.	ND	ND	%	PASS
178.	ND	ND	%	PASS
179.	ND	ND	%	PASS



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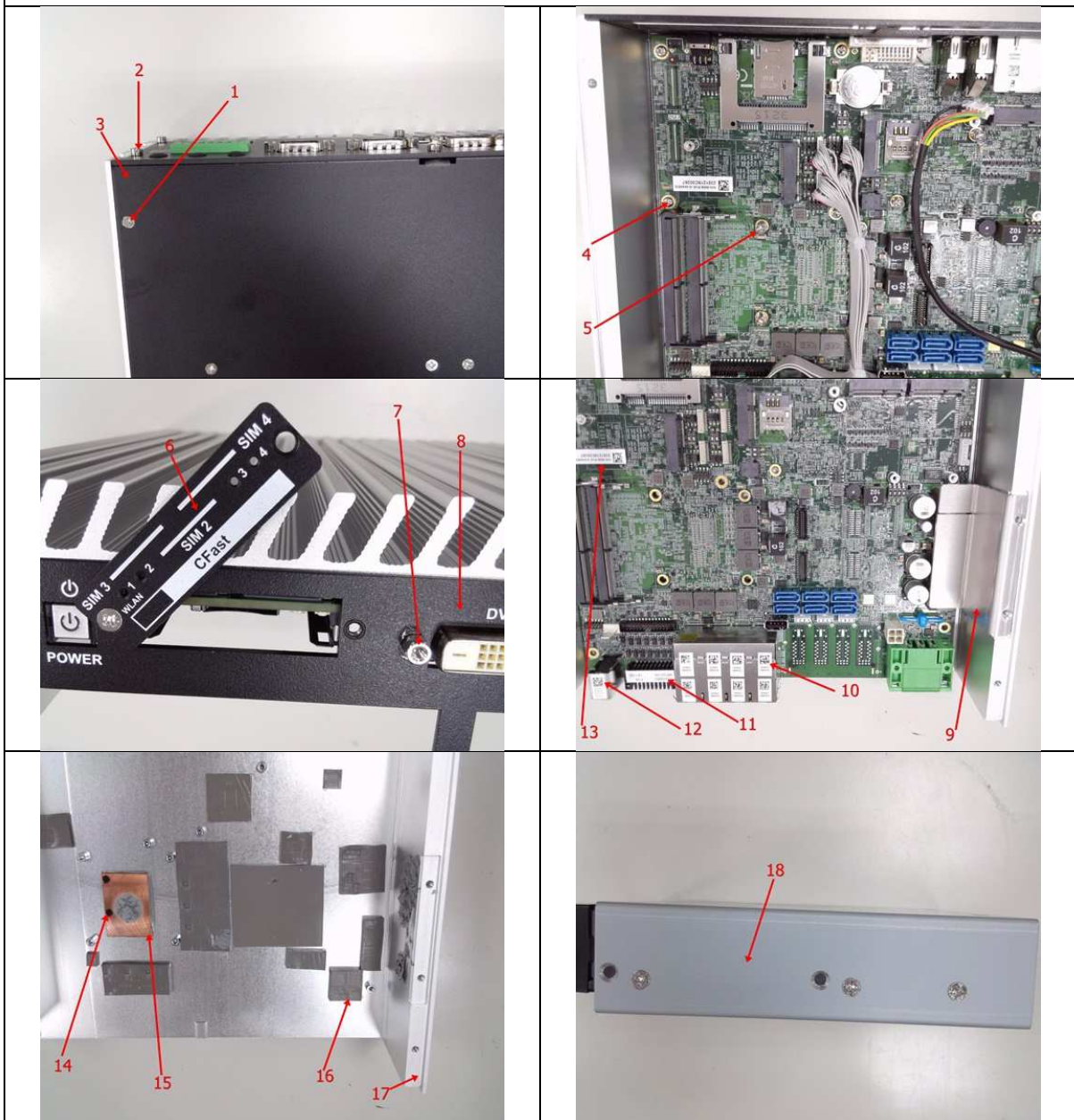
TEST RESULT

Phthalates Test – Directive 2015/863/EU Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Maximum Allowable Limit:	DEHP, BBP, DBP & DIBP: 0.1 % (Each)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
180.	ND	ND	%	PASS
181.	ND	ND	%	PASS
182.	ND	ND	%	PASS
183.	ND	ND	%	PASS
184.	ND	ND	%	PASS
185.	ND	ND	%	PASS
186.	/	/	%	NA
187.	/	/	%	NA
188.	ND	ND	%	PASS
189.	/	/	%	NA
190.	/	/	%	NA
191.	ND	ND	%	PASS
192.	ND	ND	%	PASS
193.	ND	ND	%	PASS
194.	ND	ND	%	PASS
195.	ND	ND	%	PASS
196.	/	/	%	NA
197.	/	/	%	NA
198.	ND	ND	%	PASS
199.	/	/	%	NA
200.	ND	ND	%	PASS
201.	/	/	%	NA
202.	ND	ND	%	PASS
203.	ND	ND	%	PASS
204.	ND	ND	%	PASS
205.	/	/	%	NA
206.	ND	ND	%	PASS
207.	ND	ND	%	PASS
208.	ND	ND	%	PASS
209.	ND	ND	%	PASS
210.	ND	ND	%	PASS
211.	ND	ND	%	PASS
212.	ND	ND	%	PASS
213.	/	/	%	NA
214.	/	/	%	NA
215.	/	/	%	NA

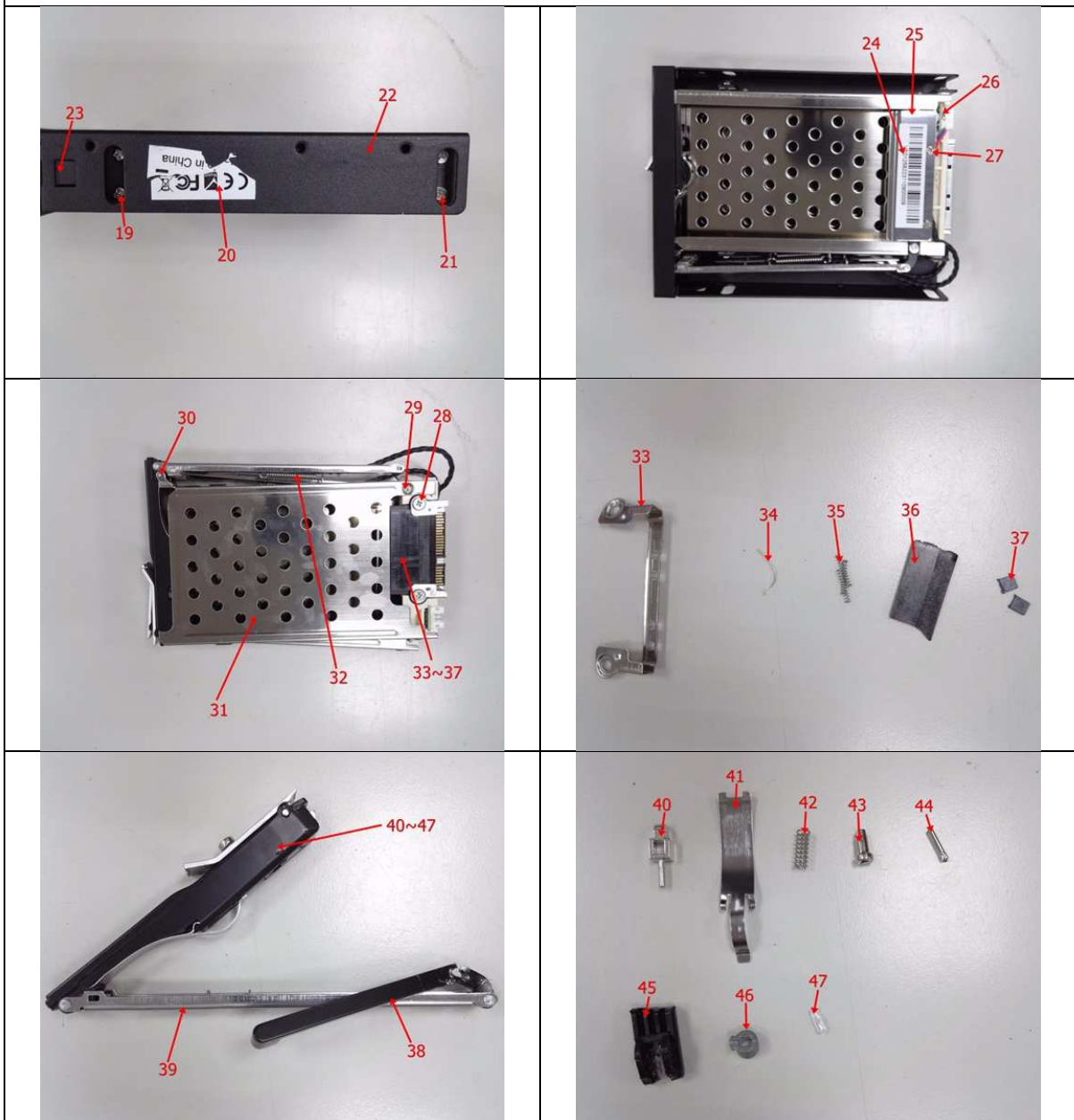
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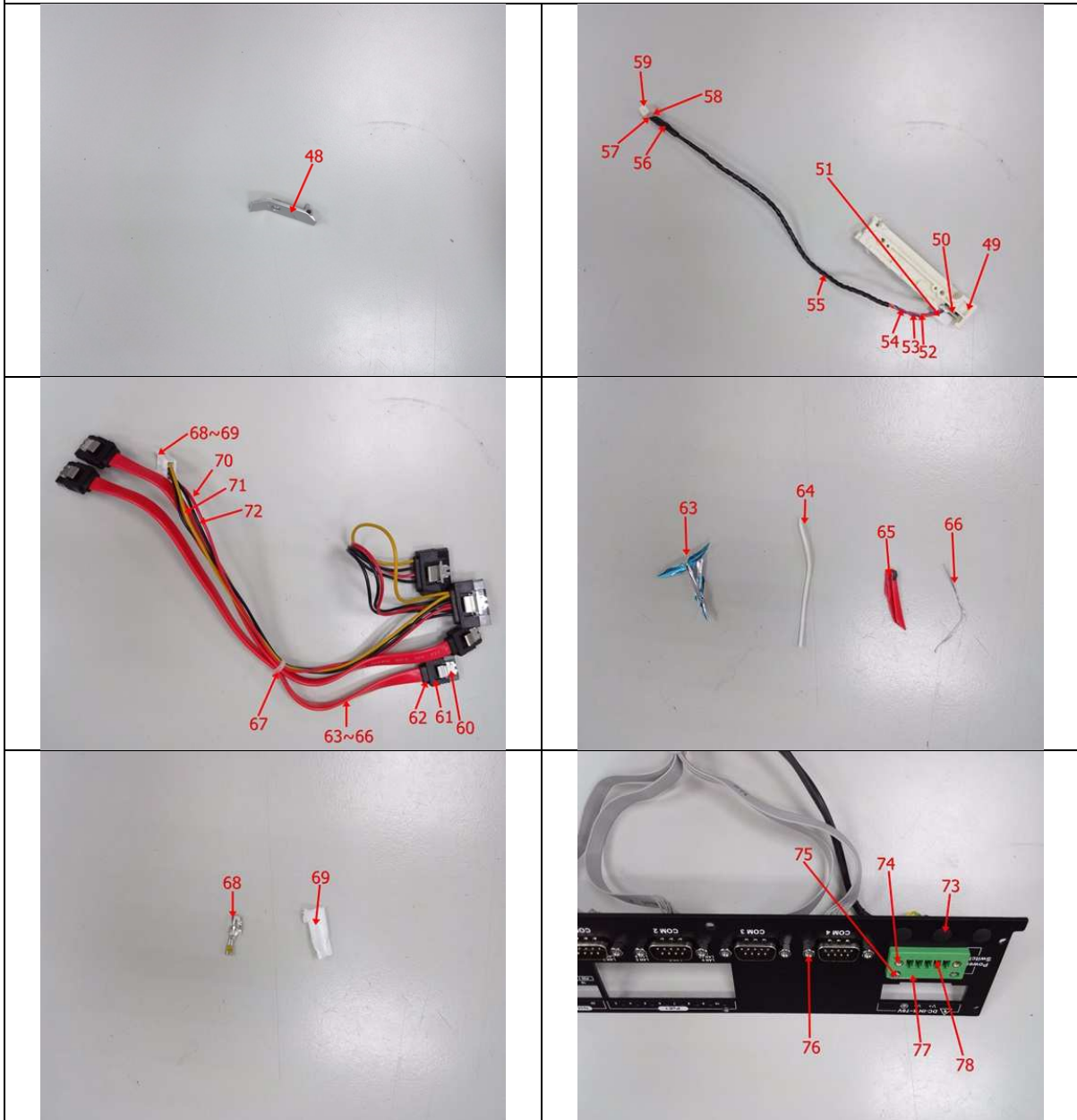
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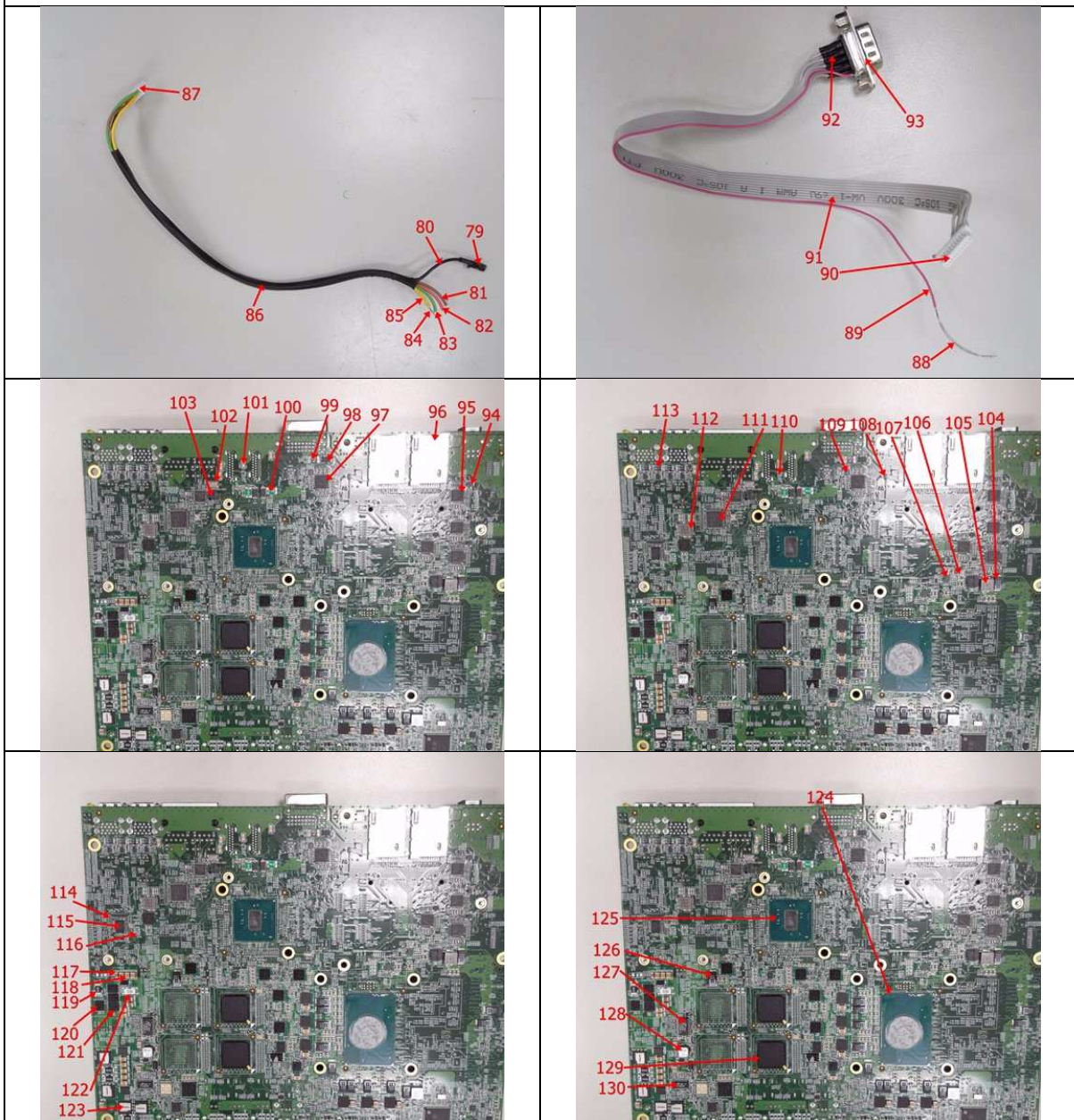
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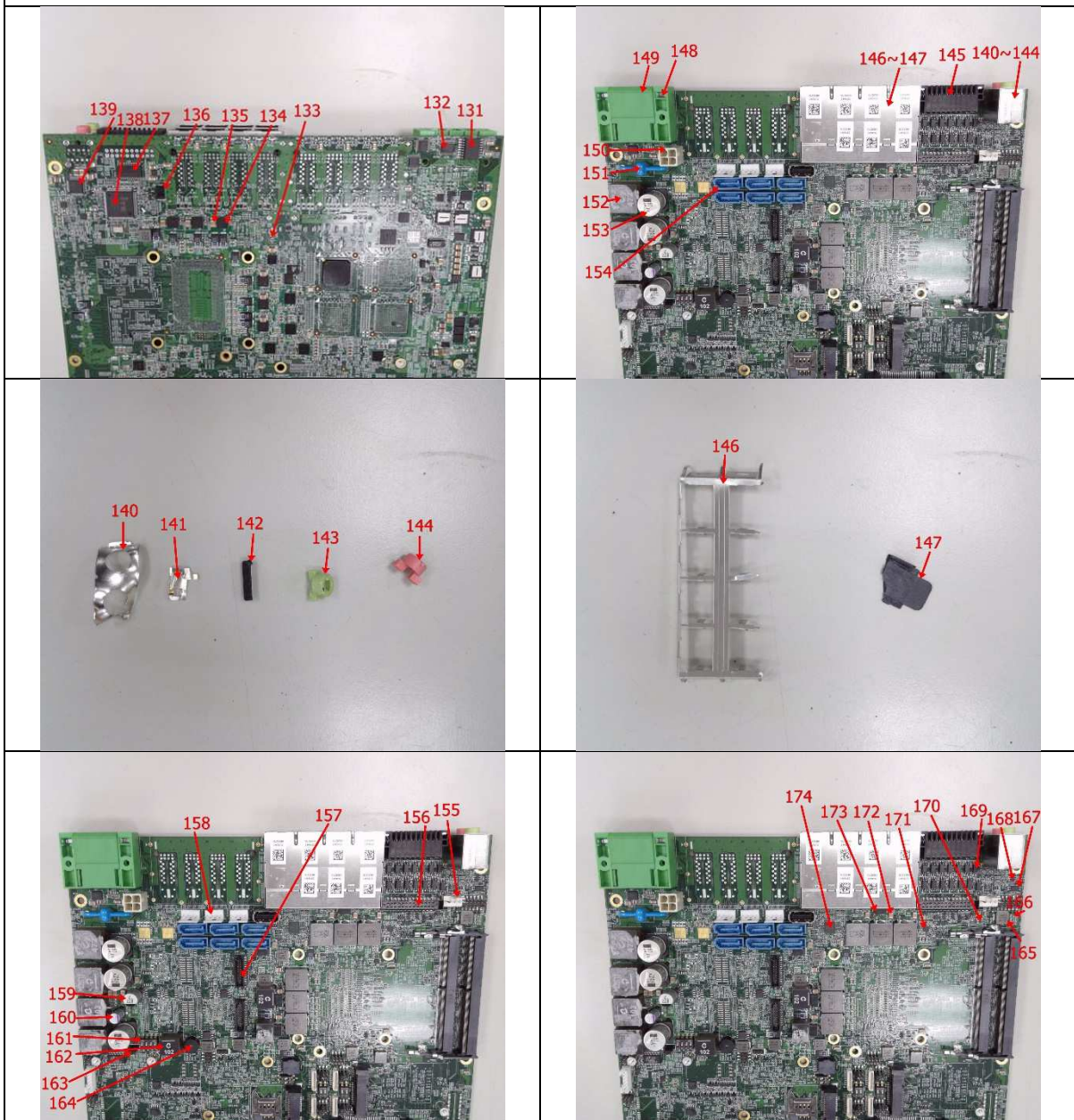
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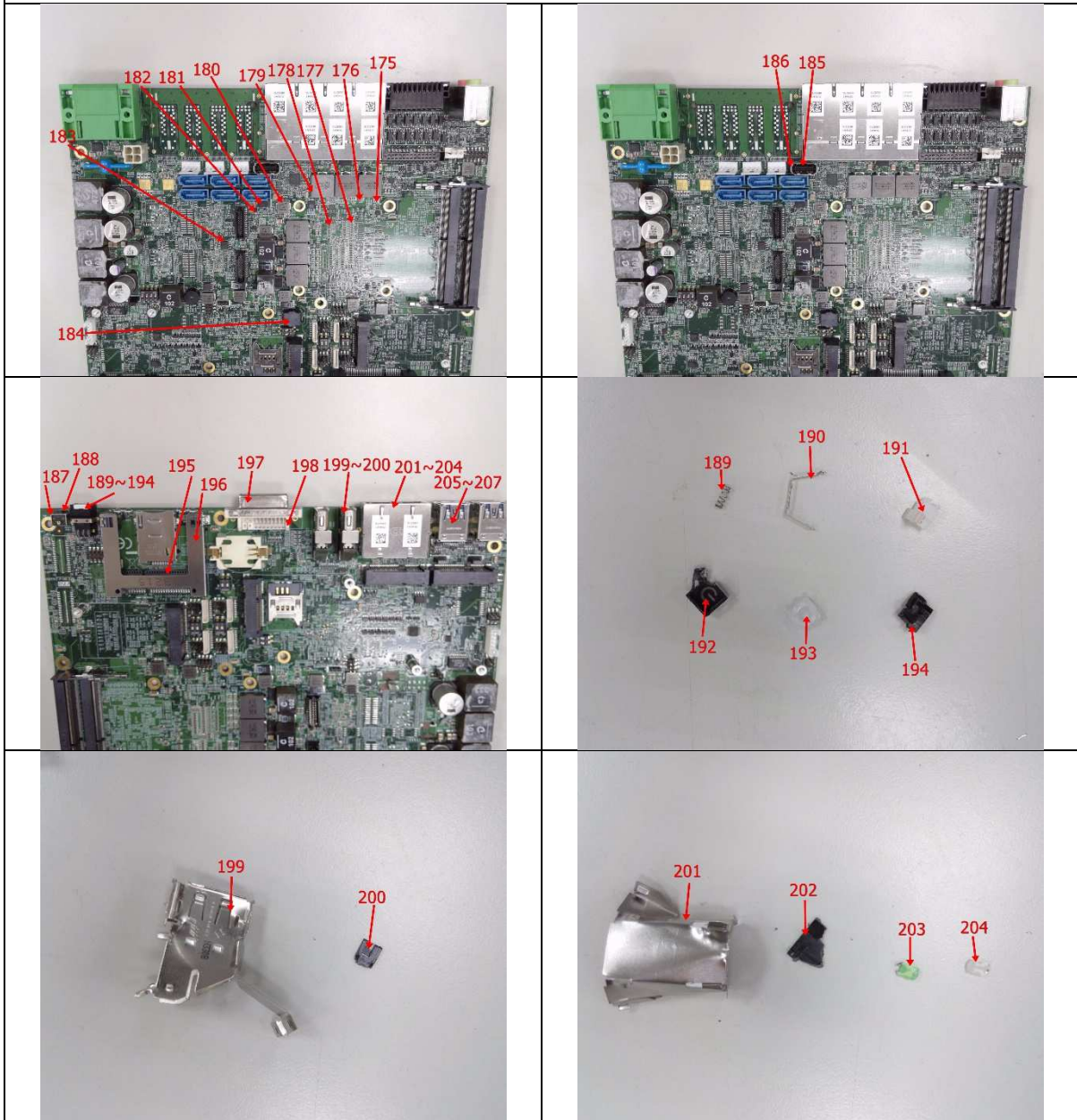
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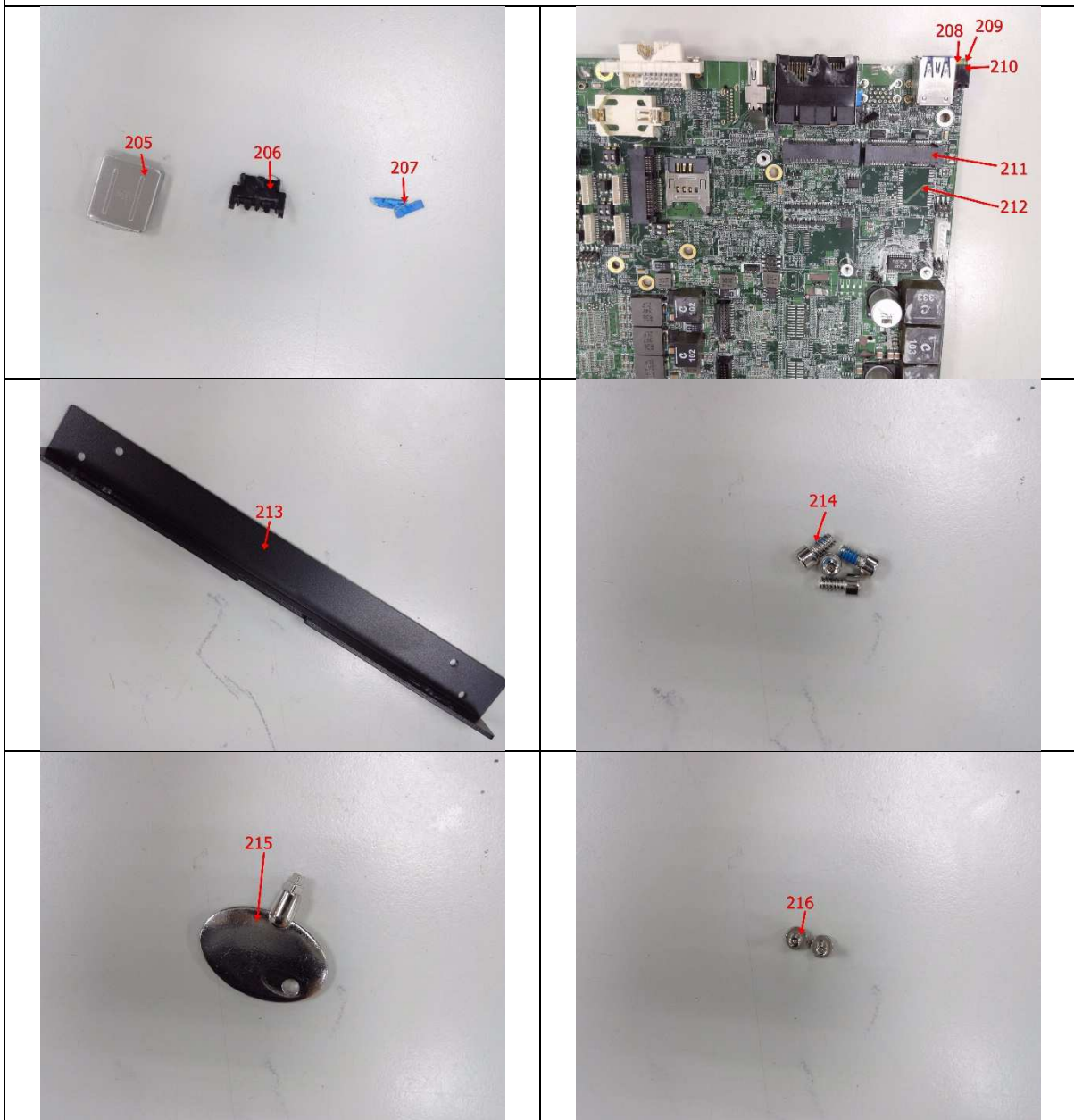
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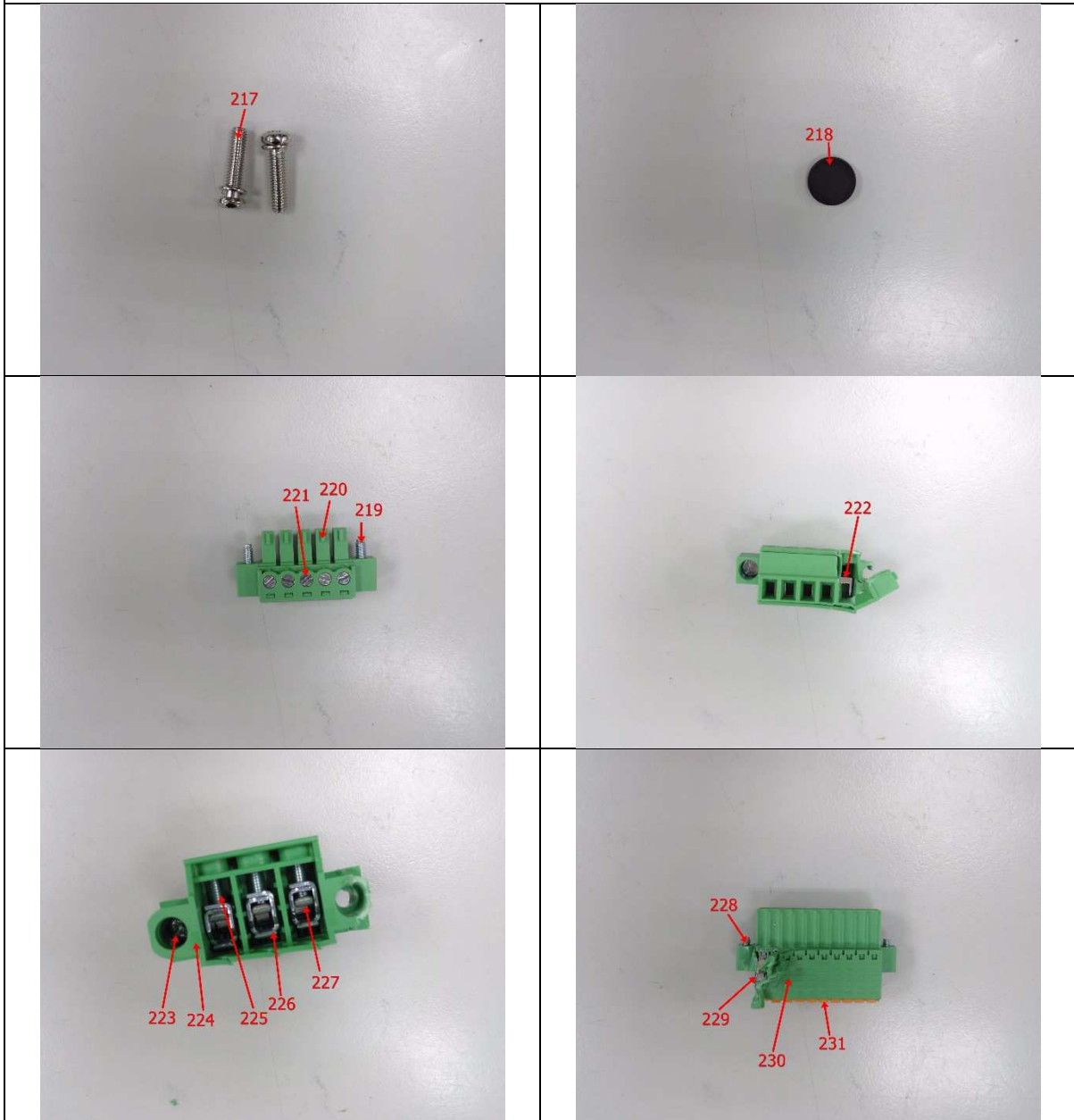
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Comment:

Photograph(s) [Compliance Test for European Parliament and Council Directive 2011/65/EU] :



END

APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [Compliance Test for European Parliament and Council Directive 2011/65/EU] :						
No.	Name of Analytes	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF) ^[a]			Wet Chemistry	
		Plastic	Metallic / glass / ceramic	Others		
1	Lead (Pb)	100	200	200	10 ^[b]	1 000
2	Cadmium (Cd)	50	50	50	10 ^[b]	100
3	Mercury (Hg)	100	200	200	10 ^[c]	1 000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	3 ^[g, h] / 10 ^[d] / See ^[e, j]	1 000 / Negative ^[i]
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 ^[f]	Sum 1 000
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 ^[f]	Sum 1 000

NA = Not applicable

[a] Test method with reference to International Standard IEC 62321-3-1: 2013.

[b] Test method with reference to International Standard IEC 62321-5: 2013.

[c] Test method with reference to International Standard IEC 62321-4: 2013+AMD 1:2017 CSV.

[d] Polymers and Electronics - Test method with reference to European Standard EN 62321-7-2: 2017.

[e] Metal - Test method with reference to International Standard IEC 62321-7-1: 2015 ^[i].

[f] Test method with reference to International Standard IEC 62321-6: 2015.

[g] Leather - Test method International Standard ISO 17075: 2007.

[h] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075: 2007.

[i] The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.



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(j)	<p>Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Cr(VI): 0.1 µg/cm² #The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13µg/cm². The coating is considered to contain Cr(VI). #The sample is negative for Cr(VI) if the Cr(VI) concentration is less than 0.10µg/cm². The coating is considered a non-Cr(VI) based coating. #The result between 0.10µg/cm² and 0.13µg/cm² is considered to be inconclusive – unavoidable coating variations may influence the determination.</p>
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Testing Approach [Compliance Test for European Parliament and Council Directive 2011/65/EU] :	
The testing approach was with reference to the following document(s).	
1	International Standards IEC 62321-1: 2013 and IEC 62321-2: 2013
2	“RoHS Enforcement Guidance Document Version 1” by EU RoHS Enforcement Authorities Informal Network. (May 2006)
3	“RoHS Regulations - Government Guidance Notes” by United Kingdom Department for Business Innovation & Skills. (February 2011)
4	“Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium” by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

List of Phthalates:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	3	Dibutyl phthalate (DBP)	84-74-2
2	Butyl benzyl phthalate (BBP)	85-68-7	4	Diisobutyl phthalate (DIBP)	84-69-5