

TEST REPORT

CheckCode:050590

Report

No.:C202202091295-5E-G1

Applicant: Lumi United Technology Co., Ltd.
Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No.3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

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

Name: Hub M1S Gen 2
Specifications: HM1S-G02
Sample State: Normal

Date of Receipt: Feb.10, 2022 **Test Period:** Feb.10, 2022 – Mar.16, 2022
 Mar.8, 2022

Test Request: Selected test(s) as requested by client.

Test Result: Please refer to following page(s).

Result Summary:

Test Request	Conclusion
European Regulation POPs (EU) 2019/1021–Short-chain chlorinated paraffins (SCCPs)	Comply
European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	Comply

Edited by Chen Jiaying Reviewed by Tang Liping Approved by Zheng Xiaojing



Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date: Mar.18, 2022

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Sample description:

Sample No.	Description
1	White plastic shell
2	White adhesive plastic sheet with black printing
3	White rubber part
4	White plastic part
5	White plastic part
6	White plastic cover with grey printing
7	White plastic part
8	White plastic shell
9	White translucent plastic ring
10	White plastic part
11	Black "PCB"
12	White adhesive plastic sheet with black printing
13	Black plastic shell with white printing
14	Black rubber part
15	Translucent plastic sheet
16	Brown paper sheet with liquid
17	Grey body with multi-colored printing
18	Blue body
19	Yellow adhesive plastic sheet with black printing
20	Black core
21	Black plastic part
22	Yellow adhesive plastic sheet
23	Yellow plastic jacket
24	Translucent plastic jacket
25	Beige glue
26	Red-brown enameled wire
27	Copper-colored enameled wire
28	Blue body
29	Yellow adhesive plastic sheet with black printing
30	Black core
31	Black plastic part
32	Yellow adhesive plastic sheet
33	Black plastic part
34	Black body with white printing
35	White "LED"
36	Black body with white printing

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Sample No.	Description
37	Black body (4 feet)
38	Black body (3 feet)
39	Brown body
40	Black body (2 feet)
41	Black body with white printing
42	Brown body
43	Grey core
44	Black body
45	Brown body
46	Black body
47	Lt-brown body
48	White body
49	Brown body
50	Black body (4 feet)
51	Black body
52	Black body (2 feet)
53	Black body with white printing
54	Brown body
55	Black "PCB"
56	Black plastic part
57	Black body (8 feet)
58	Black "PCB"
59	Beige paper sheet
60	Silvery body
61	Black paper sheet
62	Brown fiber sheet (In No.111)
63	Brown body
64	Black body
65	Beige fiber thread
66	Brown body
67	Dk-blue "PCB"
68	White body
69	Brown body
70	Silvery body
71	Black body
72	Translucent glue
73	Black glue

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Sample No.	Description
74	Translucent "LED"
75	Black body (5 feet)
76	Black adhesive foam sheet
77	Black core
78	Copper-colored enameled wire
79	Dk-grey body
80	Black plastic shell
81	Black plastic button
82	Black body
83	Black paper sheet
84	Silvery body
85	Dk-green body
86	Black core
87	Black body (2 feet)
88	Black body
89	Beige plastic part
90	Black adhesive foam sheet
91	White paper sheet
92	Black glue
93	Red plastic jacket
94	Black plastic jacket
95	White plastic socket
96	Black adhesive foam sheet

Remark: 1) mg/kg = ppm

2) MDL= method detection limit

3) "N.D." = Not Detected (Below Method Detection Limit)

4) Results shown are of the total weight of mixed samples.

5) As the No.2, No.12, No.25, No.65, No.72, No.76, No.96 were insufficient, the test result(s) was /were based on sample resubmitted by 2022-03-08.

6) The performed tests on selected parts of submitted sample(s) as requested by client.

7) This report is to supersede test report C202202091295-5E,

the report C202202091295-5E was cancelled since this report is sent out.

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Test Result(s):

1. European Regulation POPs (EU) 2019/1021–Short-chain chlorinated paraffins (SCCPs)

Test Method: With reference to EPA 3550C:2007, analysis was performed by GC-ECD/NCI-GC/MS.

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		1+2+ 3	5+6				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		7+8+ 9	10+1 1+12				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		13+1 4+15	16+1 7+18				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		19+2 0+21	22+2 3+24				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		27	28+2 9+30				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		31+3 2+33	34+3 5+36				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		37+3 8+39	40+4 1+42				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		43+4 4+45	46+4 7+48				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		49+5 0+51	52+5 3+54				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		55+5 6+57	58+6 0				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		63	64+6 6				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		67+6 8+69	70+7 1				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		74+7 5	76+7 7+78				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		79+8 0+81	82+8 4				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		85+8 6+87	88+8 9+90				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		91+9 2+93	94+9 5+96				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		83+7 3+72	65+6 2+61				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		59+2 6+25	4				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	1500	Comply

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2. European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)

Test Method: With reference to EPA 3550C:2007, analysis was performed by GC-MS.

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		1+2+ 3	5+6				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		7+8+ 9	10+1 1+12				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		13+1 4+15	16+1 7+18				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		19+2 0+21	22+2 3+24				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		27	28+2 9+30				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		31+3 2+33	34+3 5+36				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		37+3 8+39	40+4 1+42				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		43+4 4+45	46+4 7+48				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		49+5 0+51	52+5 3+54				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		55+5 6+57	58+6 0				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		63	64+6 6				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		67+6 8+69	70+7 1				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		74+7 5	76+7 7+78				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		79+8 0+81	82+8 4				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		85+8 6+87	88+8 9+90				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		91+9 2+93	94+9 5+96				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		83+7 3+72	65+6 2+61				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		59+2 6+25	4				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

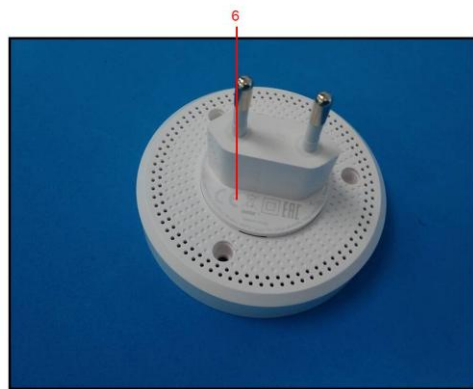
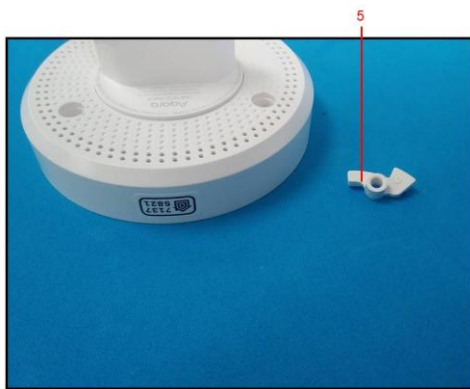
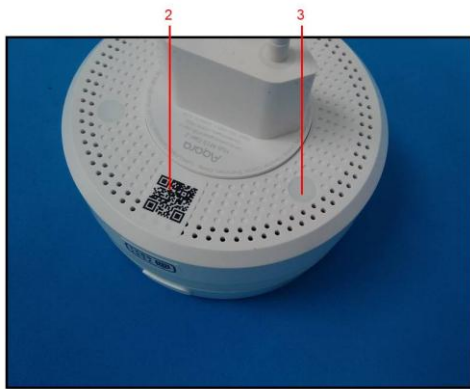
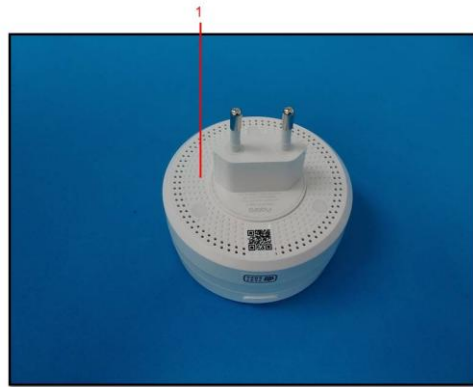
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Photo of Sample

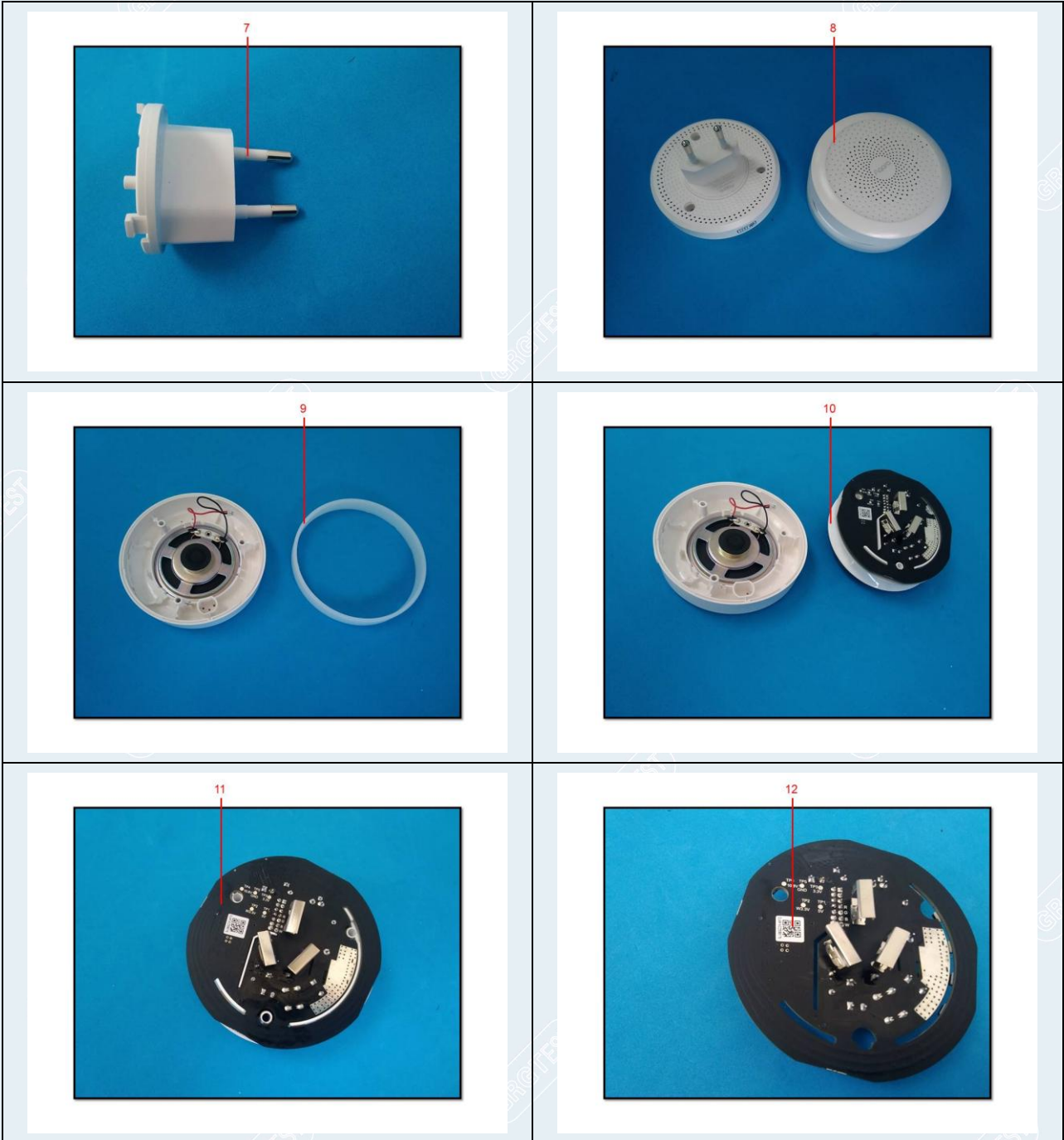


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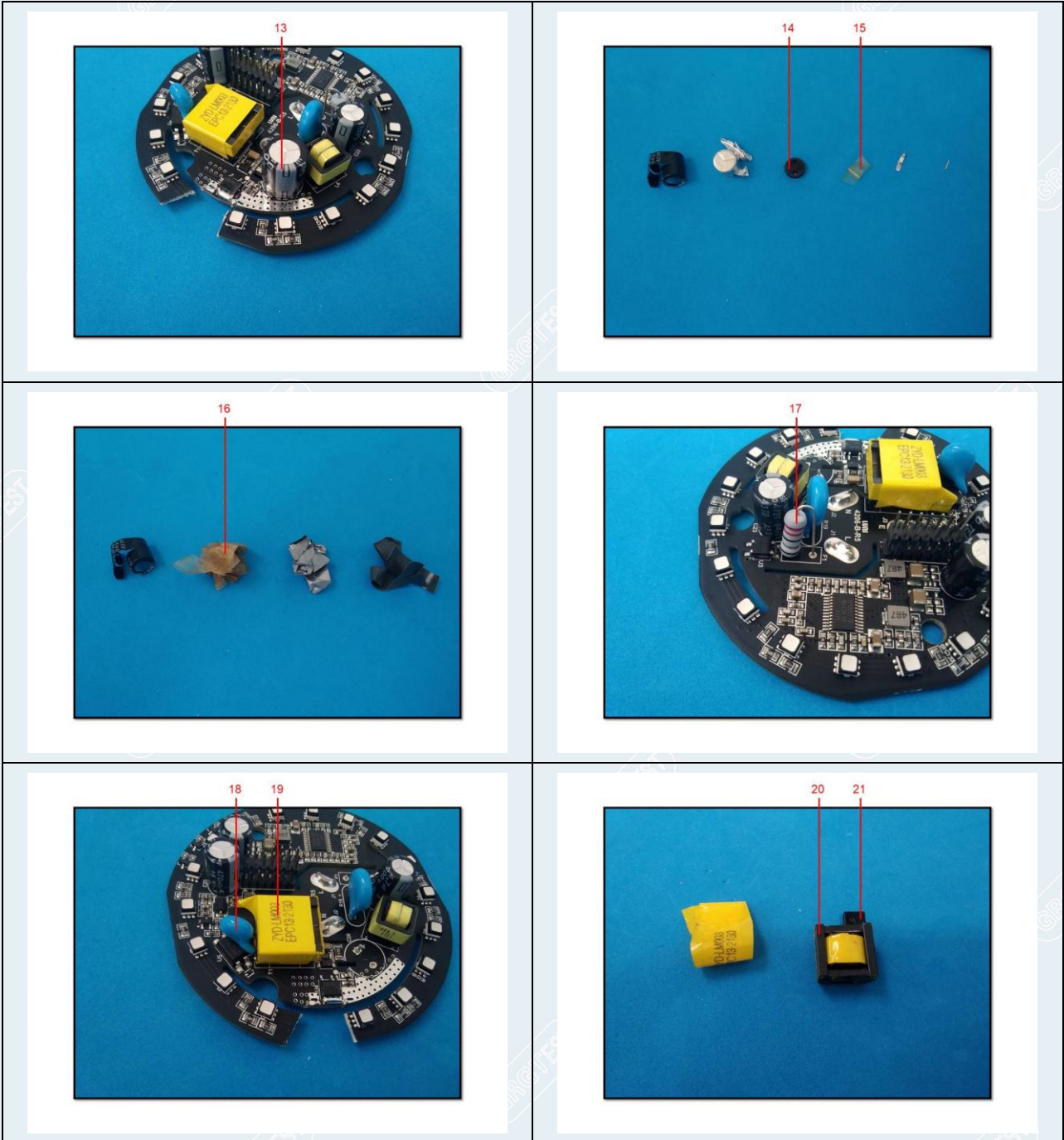


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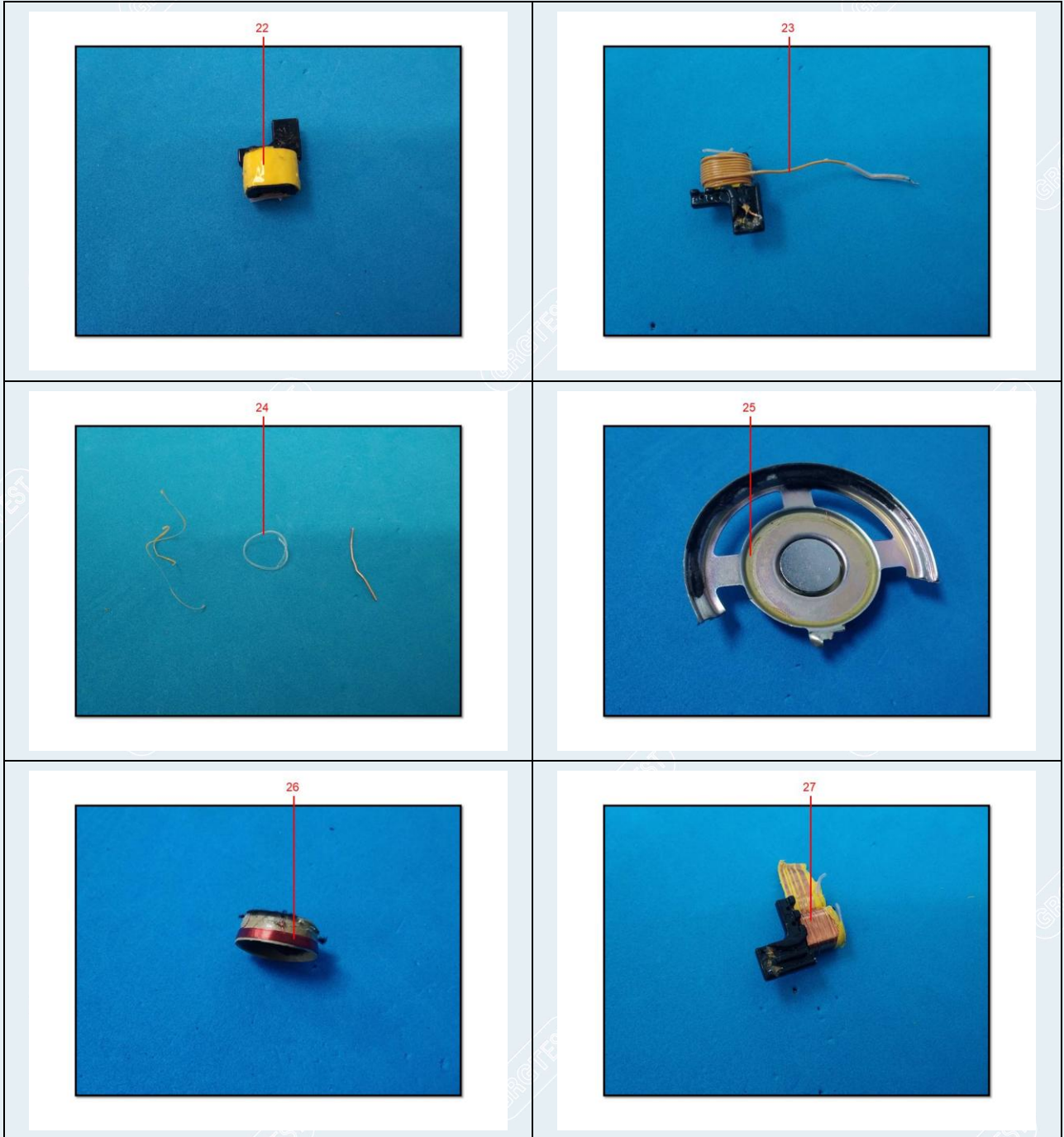
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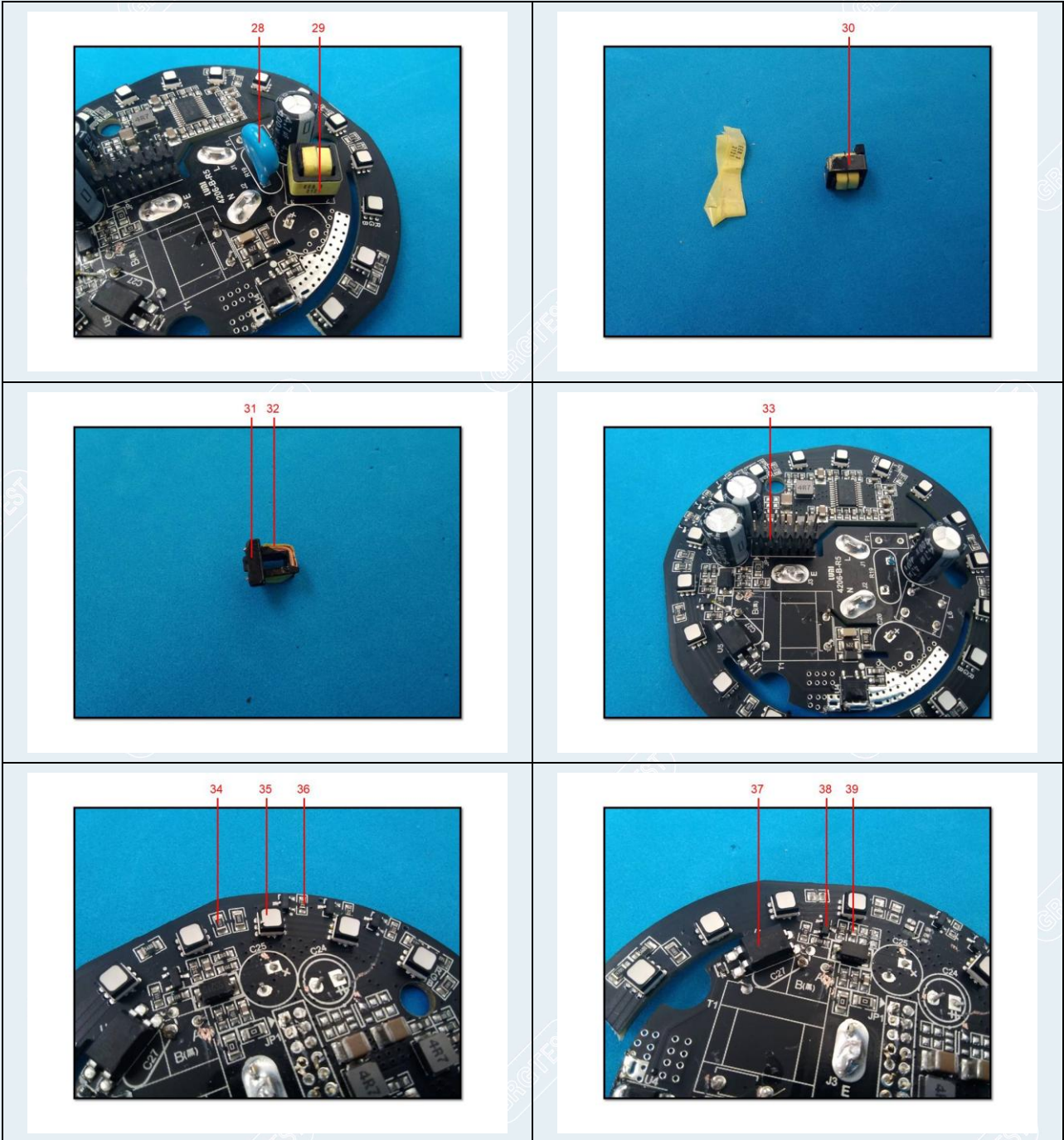


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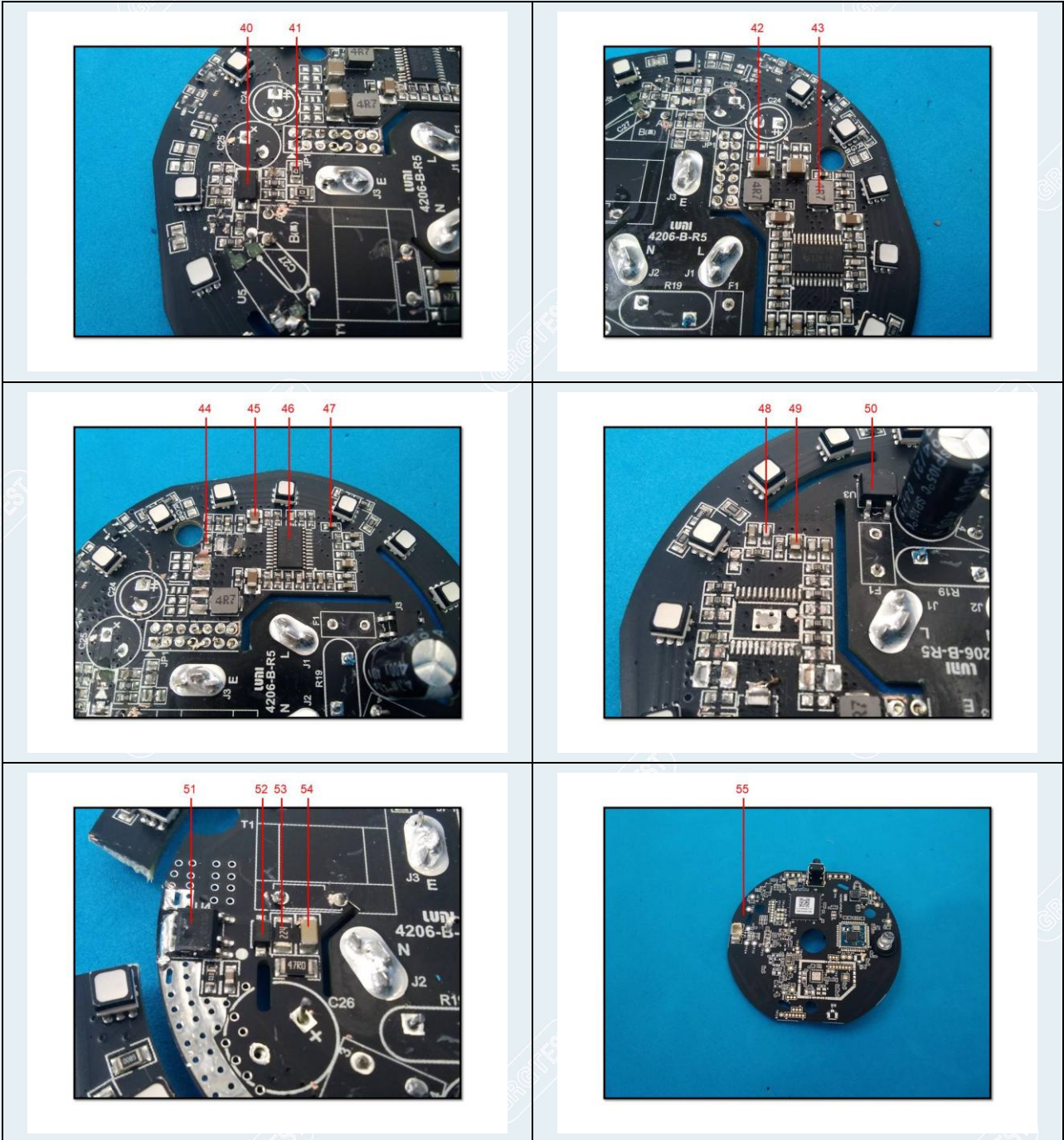


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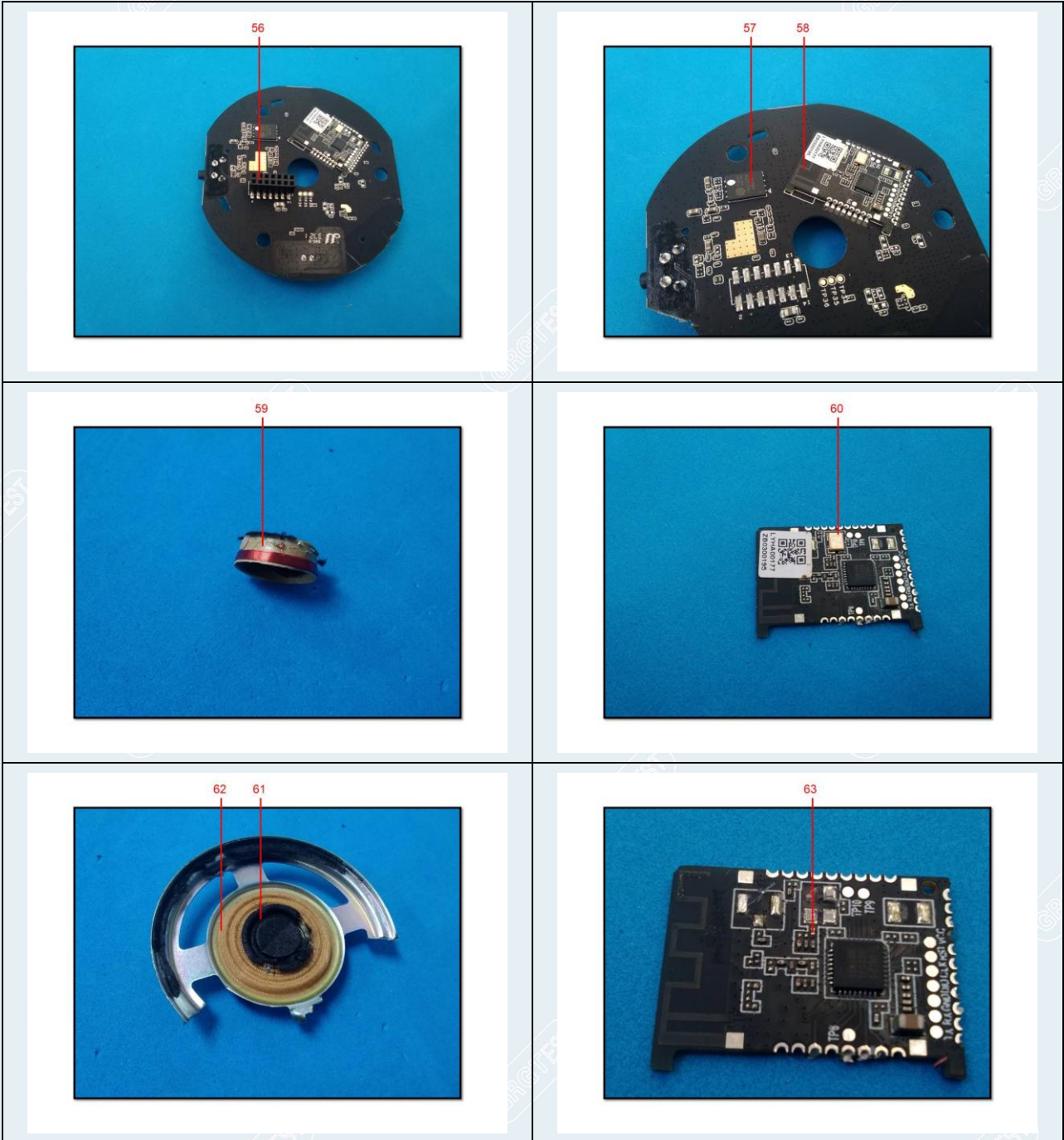


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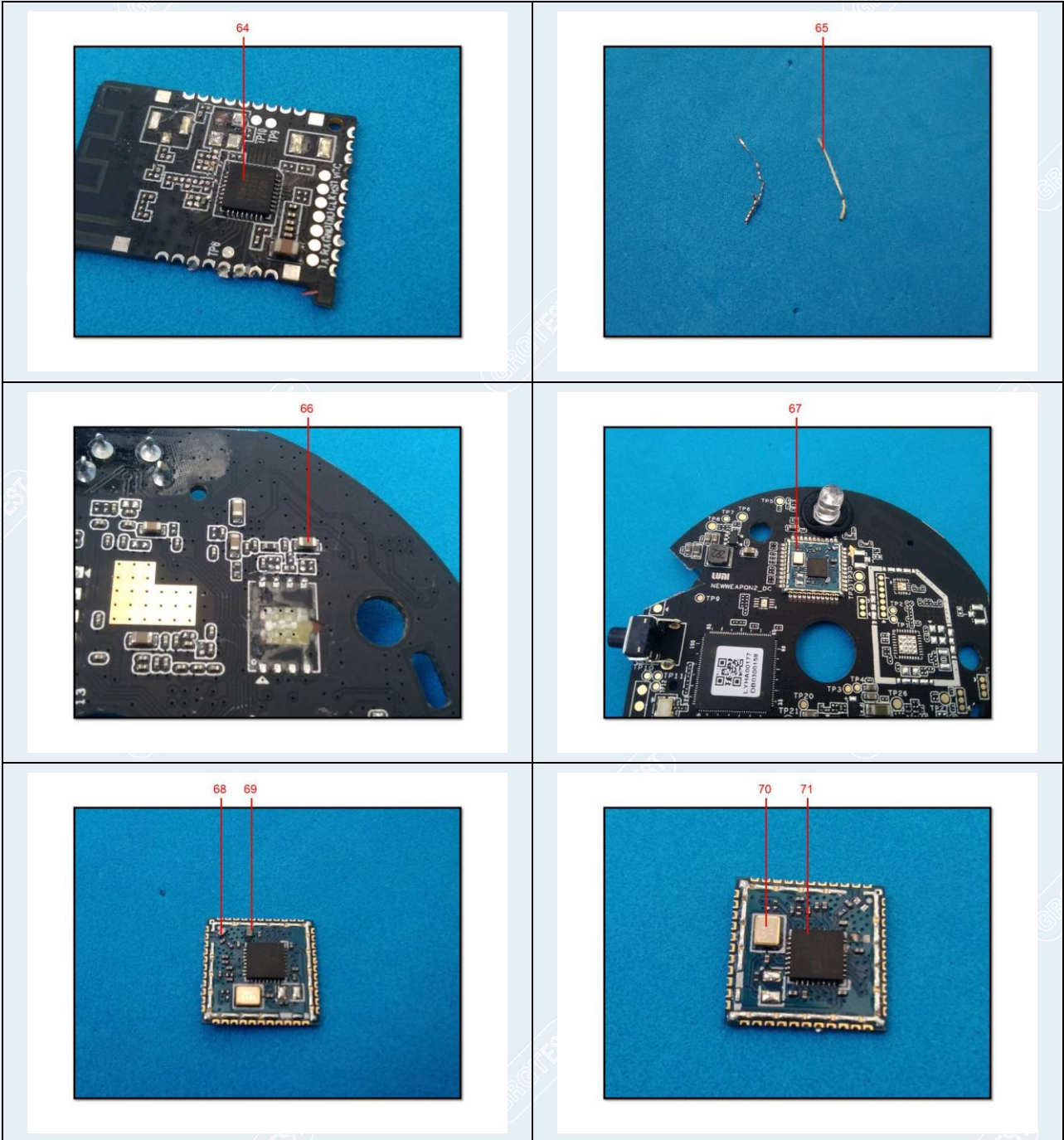
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Report
No.:C202202091295-5E-G1

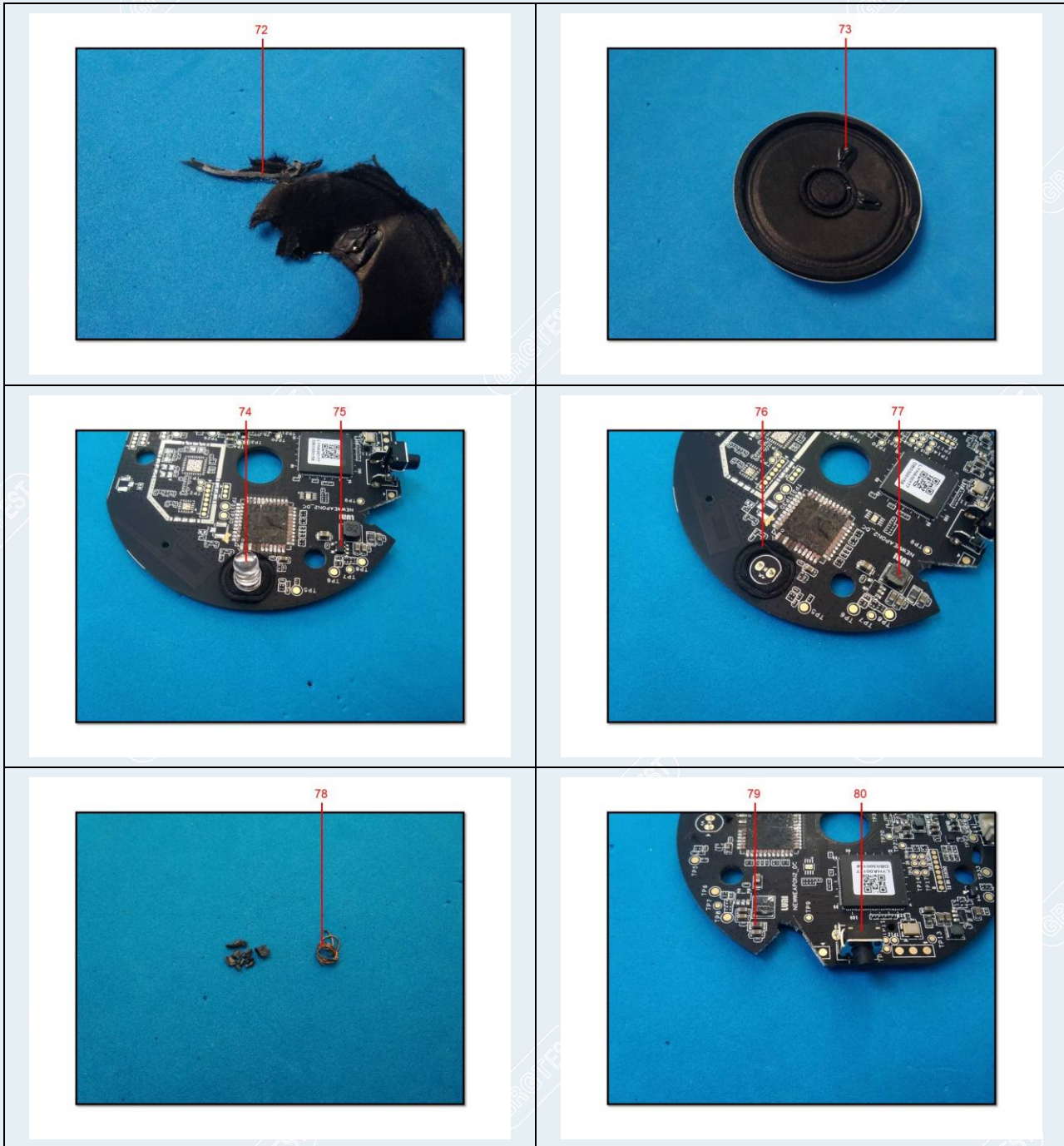


TEST REPORT

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Report

No.:C202202091295-5E-G1

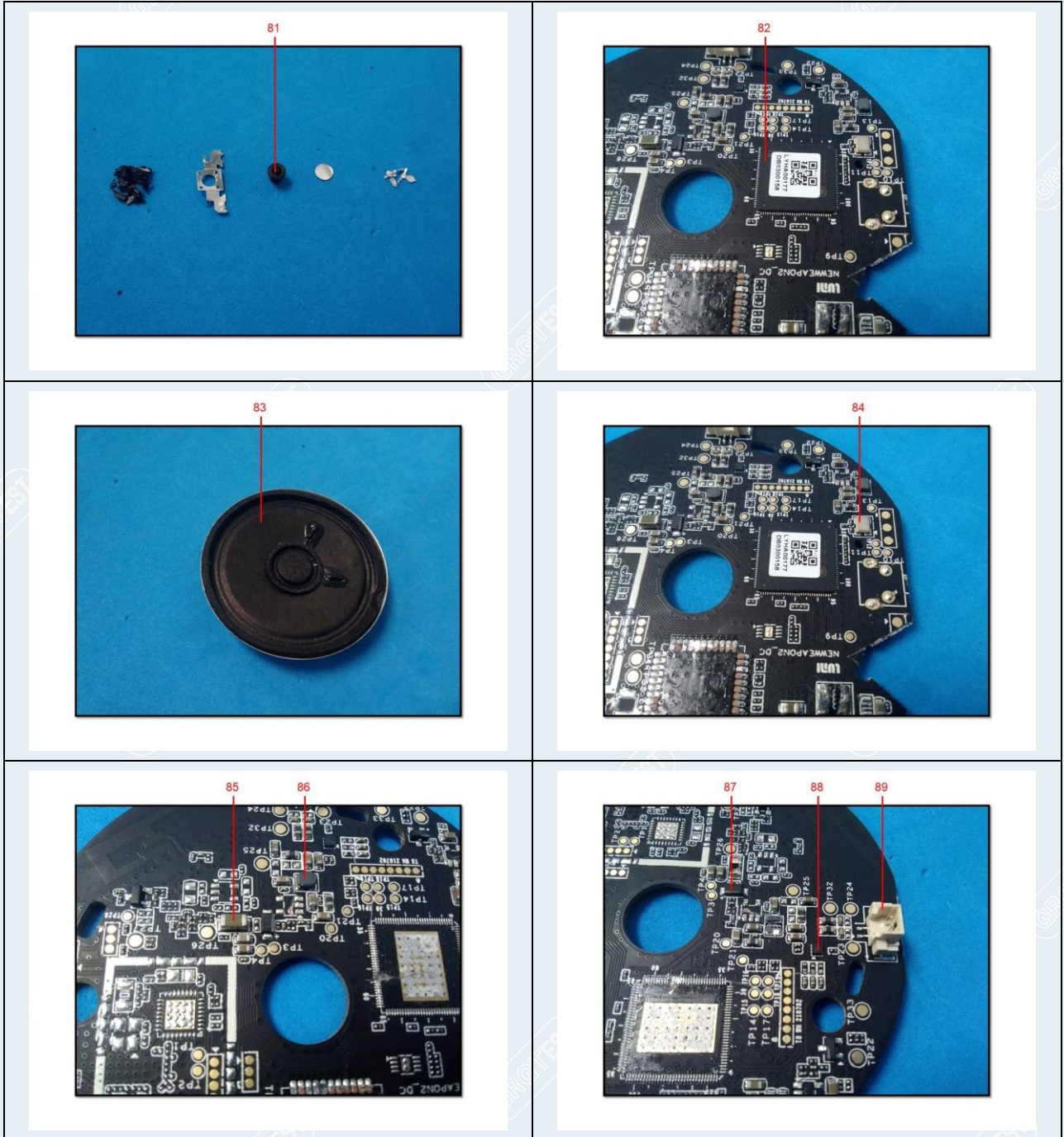


TEST REPORT

CheckCode:050590

Report

No.:C202202091295-5E-G1



TEST REPORT

CheckCode:050590

Report

No.:C202202091295-5E-G1



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