

XRF Screening and chemical confirmation test report

Number: 2510B0399SHA-001

Applicant: Status Research & Development GmbH
Baarerstrasse 10, 6302 Zug, Switzerland

Date: Nov. 13, 2025

Sample description:

One (1) submitted sample said to be:

Item Name : Smart card adapter
Tested Model : Shell
Brand Name : Keycard
Ratings : 5VDC 1A (USBc) - 3.7VDC 800mAh (battery)
Manufacturer : ALTYOR Industries (Shanghai) Co., Ltd
152/1421 Zhuan Xing Dong Road Minhang District

Tests conducted:


As requested by the applicant, for details refer to attached page(s).

Conclusion:

| <u>Tested sample</u> | <u>Standard</u> | <u>Result</u> |
|----------------------|--|---------------|
| Submitted sample | Screening by XRF spectroscopy and chemical confirmation test for RoHS Directive 2011/65/EU and (EU)2015/863 | Pass |

To be continued

Authorized by:
For Intertek testing services Ltd., Shanghai



Wenjia Gu
Senior Manager



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Tests Conducted

Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr) and Bromine (Br) content were measured with reference to IEC 62321-3-1 Edition 1.0: 2013 by XRF spectroscopy and chemical confirmation test for RoHS restricted substances. And Phthalates content were determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

(A) Results:

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-----------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 1 | COVER (CLEAR PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 2 | FLAT CABLE | | | | | | |
| 2-1 | FLAT CABLE (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 2-2 | CONNECTOR | | | | | | |
| 2-2-1 | SUPPORT (BLACK PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|---------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 2-2-2 | PIN HEADER (SILVER METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | NA | | / | |
| | | | DEHP | NA | NA | / | |
| | | | BBP | NA | NA | / | |
| | | | DBP | NA | NA | / | |
| | | | DIBP | NA | NA | / | |
| 2-3 | PCB | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 3 | SHELL (CLEAR PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-----------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 4 | PEDESTAL (CLEAR PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5 | PCB | | | | | | |
| 5-1 | LENS | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-2 | FLAT CABLE (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|----------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-3 | USB CONNECTOR | | | | | | |
| 5-3-1 | SHELL (SILVER METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | X | | Cr ⁶⁺ : Negative | |
| | | | Br | NA | | / | |
| | | | DEHP | NA | NA | / | |
| | | | BBP | NA | NA | / | |
| | | | DBP | NA | NA | / | |
| | | | DIBP | NA | NA | / | |
| 5-3-2 | PLUG (BLACK PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-4 | BUTTON | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|--------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-5 | SCREEN | | | | | | |
| 5-5-1 | PEDESTAL (SILVER METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | X | | Cr ⁶⁺ : Negative | |
| | | | Br | NA | NA | / | |
| | | | DEHP | NA | | / | |
| | | | BBP | NA | | / | |
| | | | DBP | NA | | / | |
| | | | DIBP | NA | | / | |
| 5-5-2 | SUPPORT (WHITE NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-5-3 | FILM (WHITE NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|----------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-5-4 | BOARD (CLEAR NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-5-5 | FILM (WHITE NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-5-6 | REFLECTOR (CLEAR NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|------------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-5-7 | REFLECTOR (CLEAR NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-5-8 | SCREEN (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-5-9 | FLAT CABLE (YELLOW NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-6 | SOCKET (WHITE PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-7 | SOCKET (WHITE PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-8 | CONNECTOR | | | | | | |
| 5-8-1 | SUPPORT (BLACK PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | X | | PBBs=ND PBDEs=ND | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-8-2 | PIN HEADER (GOLD METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | NA | | / | |
| | | | DEHP | NA | NA | / | |
| | | | BBP | NA | NA | / | |
| | | | DBP | NA | NA | / | |
| | | | DIBP | NA | NA | / | |
| 5-9 | IC | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-10 | CAPACITOR | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 5-11 | SWITCH | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-12 | IC | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 5-13 | PCB | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | X | | PBBs=ND PBDEs=ND | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 6 | BUTTON (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 7 | PAD (GREY NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 8 | BOARD (CLEAR PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-----------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 9 | SHELL (CLEAR PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10 | USB CABLE | | | | | | |
| 10-1 | SHELL (SILVER METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | X | | Cr ⁶⁺ : Negative | |
| | | | Br | NA | | / | |
| | | | DEHP | NA | NA | / | |
| | | | BBP | NA | NA | / | |
| | | | DBP | NA | NA | / | |
| | | | DIBP | NA | NA | / | |
| 10-2 | USB CONNECTOR | | | | | | |
| 10-2-1 | SHELL (BLACK PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 10-2-2 | PLUG (WHITE PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10-2-3 | PCB | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | X | | PBBs=ND PBDEs=ND | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10-3 | SHELL (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|----------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 10-4 | WIRE SKIN (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10-5 | TINFOIL (SILVER METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | NA | | / | |
| | | | DEHP | NA | NA | / | |
| | | | BBP | NA | NA | / | |
| | | | DBP | NA | NA | / | |
| | | | DIBP | NA | NA | / | |
| 10-6 | WIRE SKIN (BLACK NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|----------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 10-7 | WIRE SKIN (RED NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10-8 | WIRE SKIN (WHITE NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10-9 | WIRE SKIN (BLUE NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|----------------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 10-10 | WIRE SKIN (GREEN NONMETAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |
| 10-11 | WIRE (GOLD METAL) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | NA | | / | |
| | | | DEHP | NA | NA | / | |
| | | | BBP | NA | NA | / | |
| | | | DBP | NA | NA | / | |
| | | | DIBP | NA | NA | / | |
| 11 | CARD | | | | | | |
| 11-1 | IC | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

To be continued

Tests Conducted

| Part No. | Tested Components | Refer information | Restricted Substance | XRF Result | Screened Results (BLphthalates) | Chemical Confirmation Result | Conclusion on RoHS |
|----------|-----------------------|-------------------|----------------------|------------|---------------------------------|------------------------------|--------------------|
| 11-2 | SHELL (WHITE PLASTIC) | / | Cd | P | NA | / | PASS |
| | | | Pb | P | | / | |
| | | | Hg | P | | / | |
| | | | Cr | P | | / | |
| | | | Br | P | | / | |
| | | | DEHP | NA | BL | / | |
| | | | BBP | NA | BL | / | |
| | | | DBP | NA | BL | / | |
| | | | DIBP | NA | BL | / | |

Remark: P = pass (Below the lower screening limit of table (B))

X = inconclusive result (Further chemical test was suggested (see table (B).))

NA = not applicable

ND = not detected

ppm = Parts per million = mg/kg

Negative = A negative test result indicated the absorbance value of testing sample solution for Cr(VI) testing is less than the absorbance value of the 0.10µg/cm² equivalent comparison standard solution, the Cr(VI) concentration is below the limit of quantification, then the sample is considered to be negative for Cr(VI).

To be continued

Tests Conducted

(B)

(B1) XRF Screening Limits in mg/kg for Regulated Elements in Various Matrices.

| Element | Polymer materials | Metallic materials | Composite materials |
|---------|--------------------------------|--------------------------------|--------------------------------|
| Cd | $P \leq 70 < X < 130 \leq F$ | $P \leq 70 < X < 130 \leq F$ | $P \leq 70 < X < 150 \leq F$ |
| Pb | $P \leq 700 < X < 1300 \leq F$ | $P \leq 700 < X < 1300 \leq F$ | $P \leq 500 < X < 1500 \leq F$ |
| Hg | $P \leq 700 < X < 1300 \leq F$ | $P \leq 700 < X < 1300 \leq F$ | $P \leq 500 < X < 1500 \leq F$ |
| Cr | $P \leq 700 < X$ | $P \leq 700 < F$ | $P \leq 500 < X$ |
| Br | $P \leq 300 < X$ | Not applicable | $P \leq 250 < X$ |

(B2) Preliminary screening test will be used for phthalates, if the results exceed the warning area in the following table, further chemical methods will be conducted to confirm the exact content by GC/MS.

| Phthalates | Polymer |
|----------------------------------|-------------------|
| Bis(2-ethylhexyl)phthalate(DEHP) | $BL \leq 600 < X$ |
| Butyl benzyl phthalate(BBP) | $BL \leq 600 < X$ |
| Dibutyl phthalate(DBP) | $BL \leq 600 < X$ |
| Diisobutyl phthalate(DIBP) | $BL \leq 600 < X$ |

(C) Estimated detection limits in mg/kg for regulated elements in various matrices.

| Element | Polymer materials | Metallic materials | Composite materials |
|---------|-------------------|--------------------|---------------------|
| Cd | 50 | 70 | 70 |
| Pb | 100 | 200 | 200 |
| Hg | 100 | 200 | 200 |
| Cr | 100 | 200 | 200 |
| Br | 200 | Not applicable | 200 |

Disclaimers:

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 results 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.

To be continued

Tests Conducted

(D) Chemical confirmation test methods:

| Testing Item | Testing Method | Reporting Limit |
|--|---|--|
| Cadmium (Cd) Content | With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion until the tested sample was totally dissolved and determined by ICP - OES | 2 mg/kg |
| Lead (Pb) Content | With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion until the tested sample was totally dissolved and determined by ICP - OES | 2 mg/kg |
| Mercury (Hg) Content | With reference to IEC 62321-4 Edition 1.1:2017, by acid digestion until the tested sample was totally dissolved and determined by ICP - OES | 2 mg/kg |
| Chromium (VI)(Cr ⁶⁺) Content | With reference to IEC 62321-7-2 Edition 1.0:2017, by alkaline digestion and determined by UV-VIS Spectrophotometer | 10 mg/kg |
| Chromium (VI) (Cr ⁶⁺) content (for metal) | With reference to IEC 62321-7-1 Edition 1.0: 2015, by boiling water extraction and determined by UV-VIS Spectrophotometer. | Positive(>0.13 µg/m ²)/ Negative(<0.10 µg/m ²) Inconclusive(0.10--0.13 µg/m ²) |
| Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs) Content | With reference to IEC 62321-6 edition 1.0:2015, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary | 5 mg/kg |
| Phthalates(DEHP,BBP,DBP, DIBP) Content | With reference to IEC62321-8: 2017, by solvent extraction and determined by GC/MS | 100mg/kg |

(E) 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) |
| Phthalates (DEHP, BBP, DBP, DIBP) | 0.1% (1000 mg/kg) |

The above limits were quoted from 2011/65/EU and (EU) 2015/863 for homogeneous material.

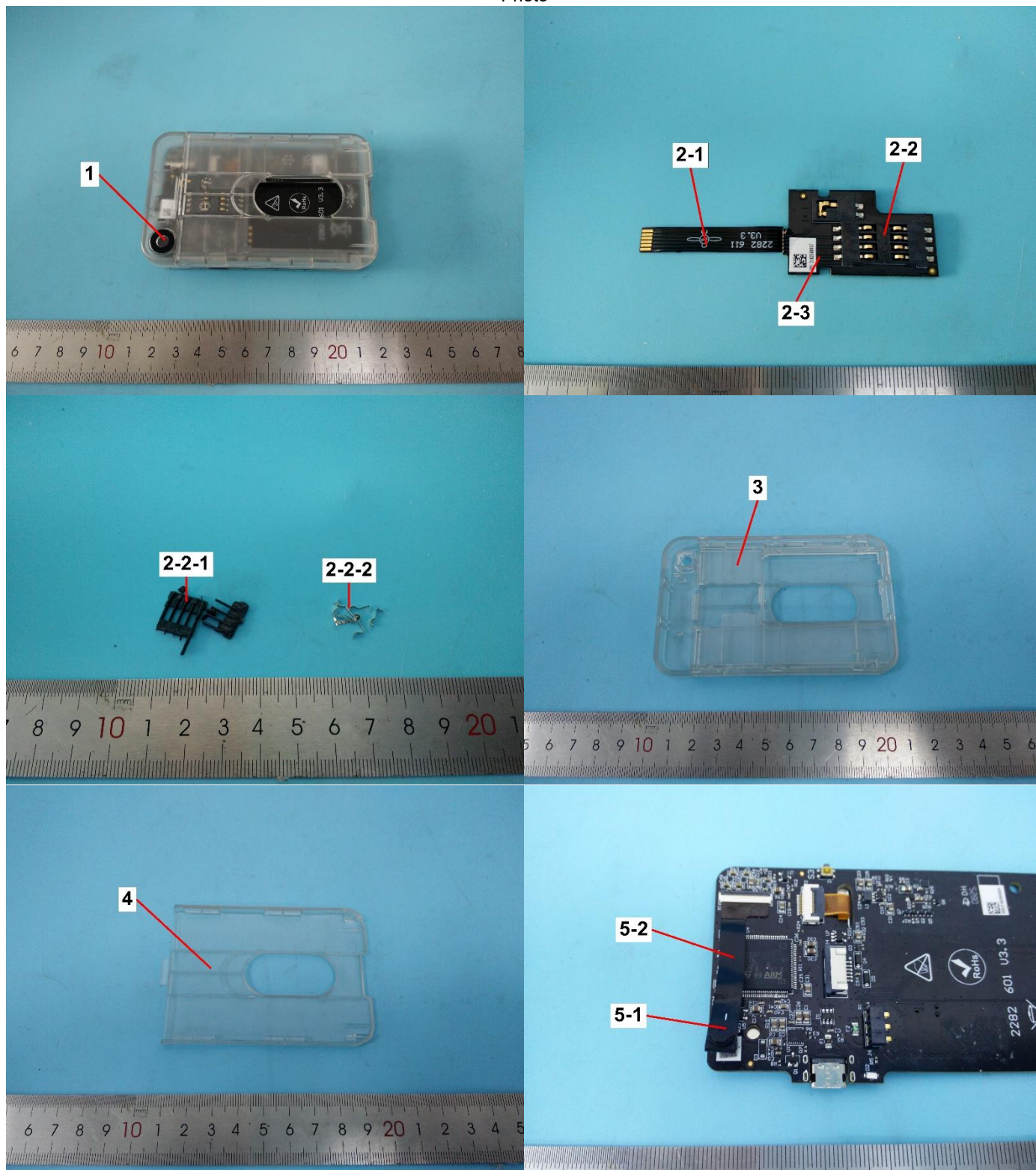
Date sample received: Oct. 15, 2025

Testing period: Oct. 15, 2025 To Nov. 04, 2025

To be continued

Tests Conducted

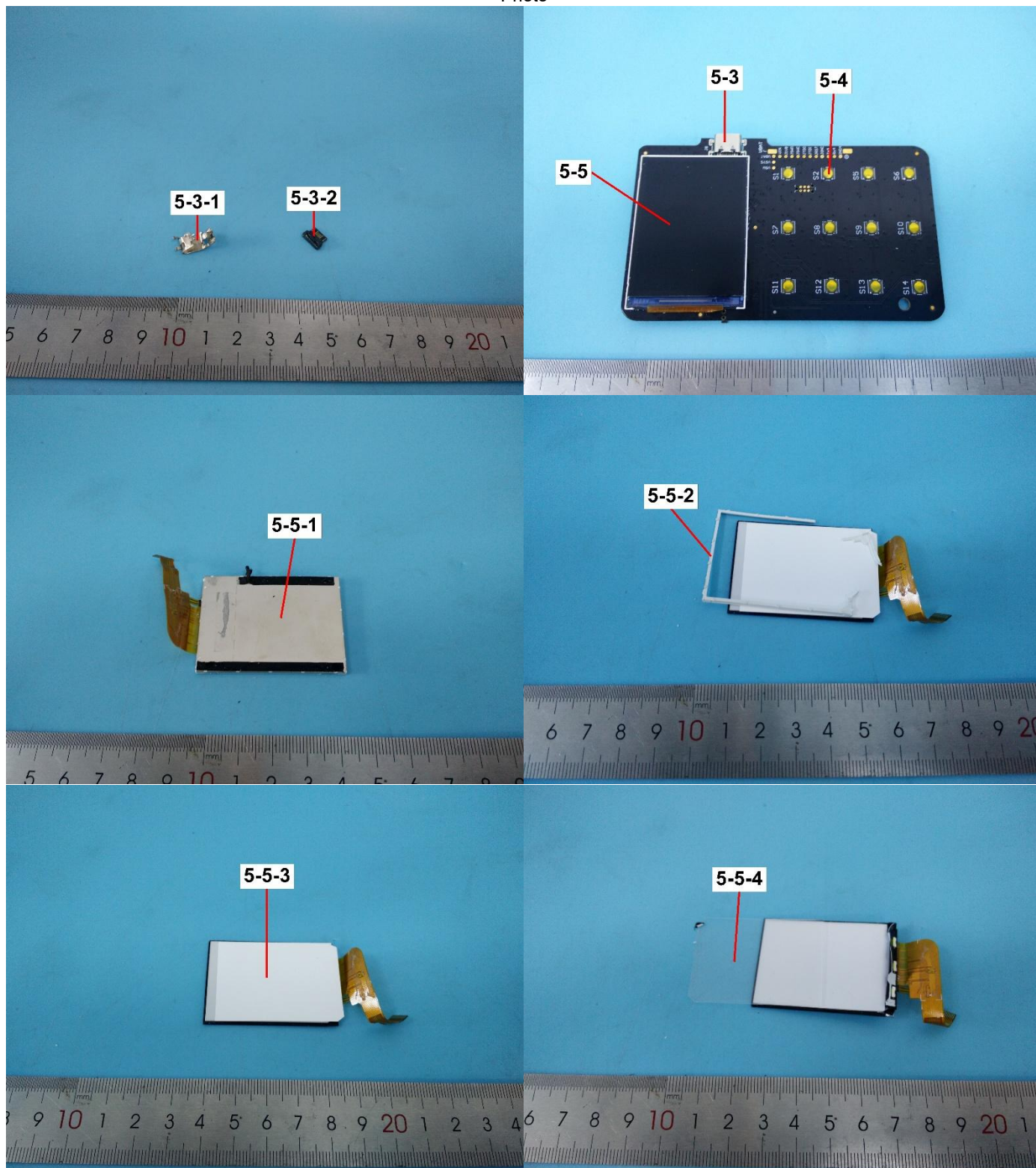
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To be continued

Tests Conducted

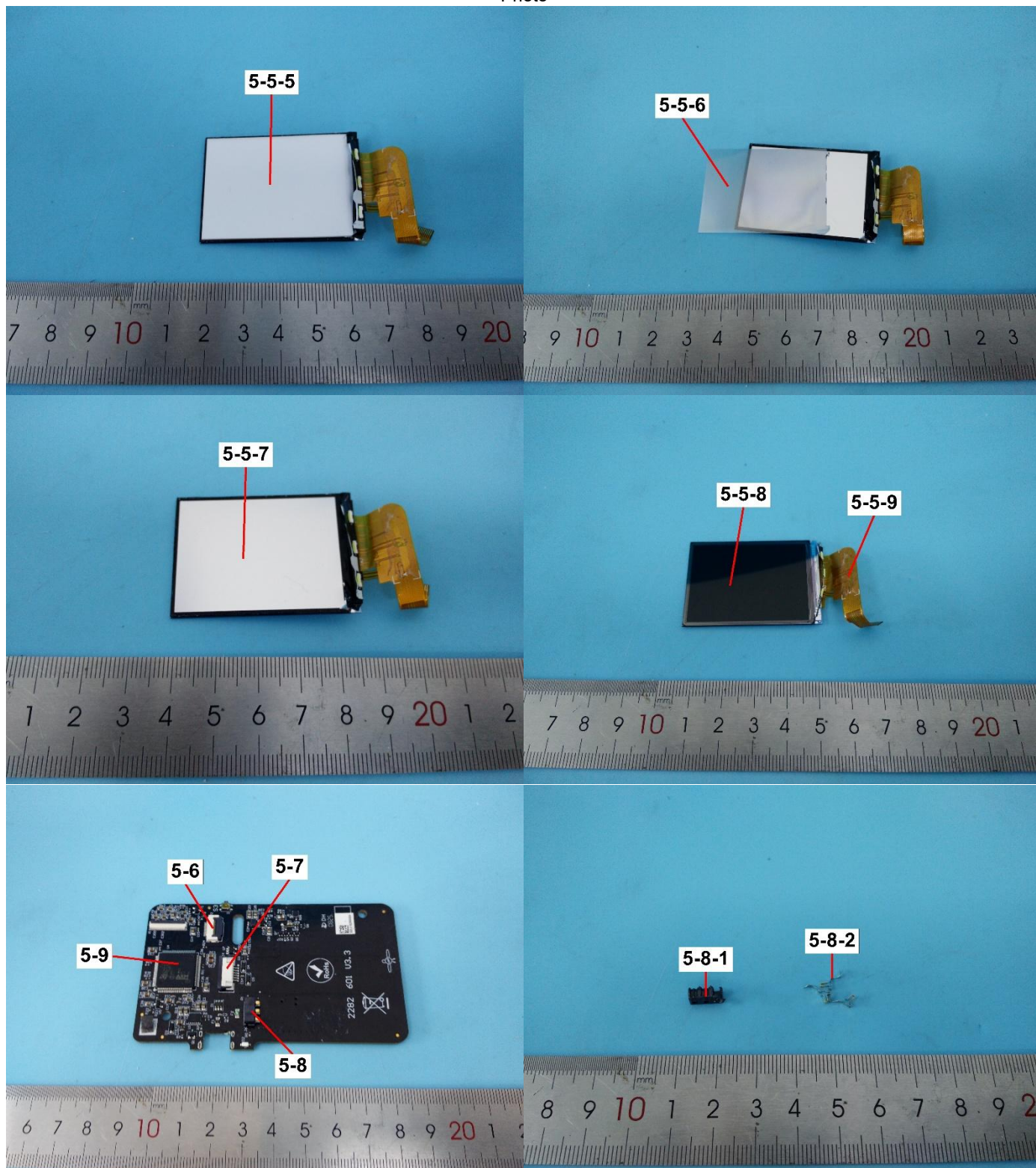
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To be continued

Tests Conducted

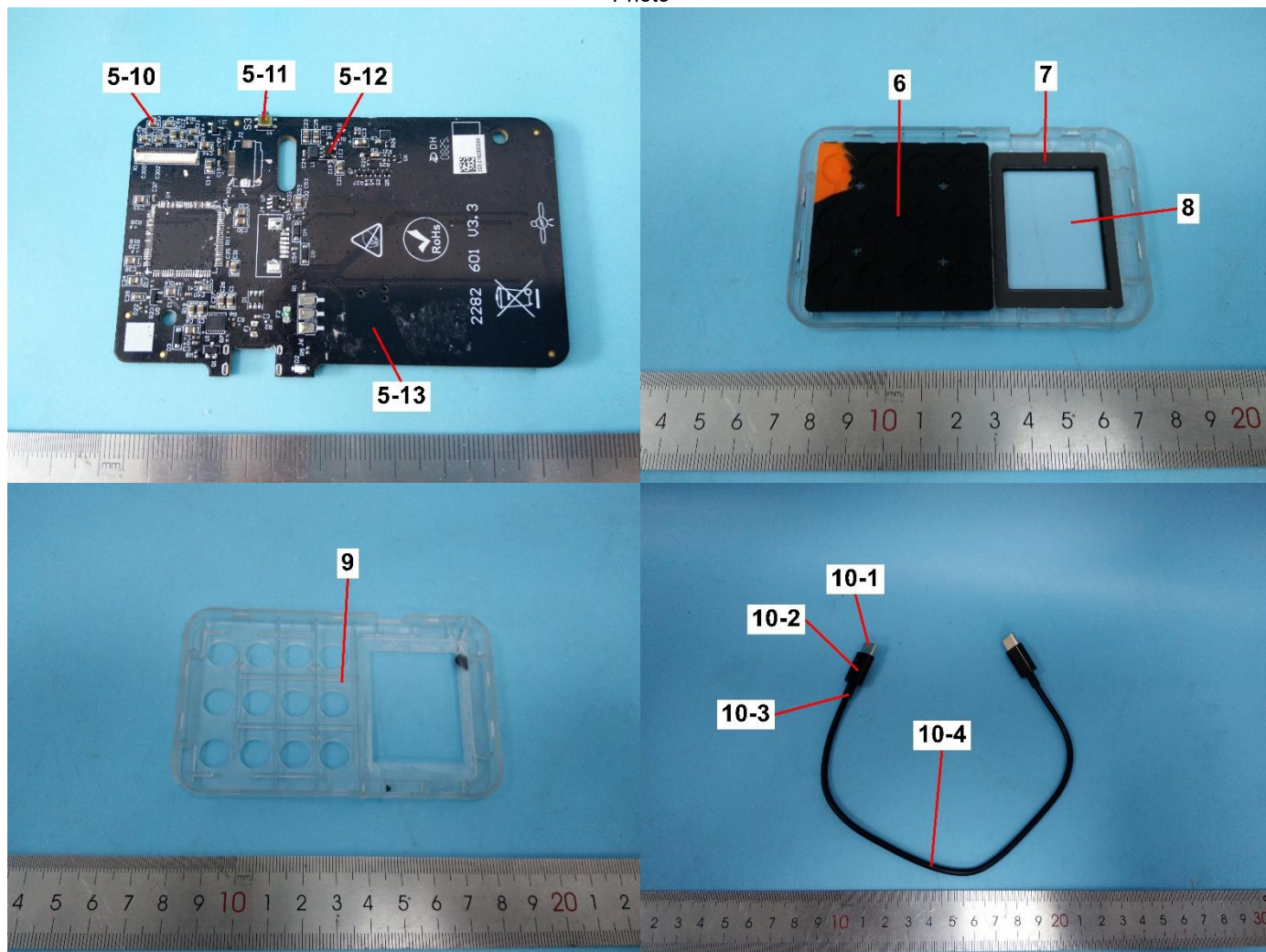
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To be continued

Tests Conducted

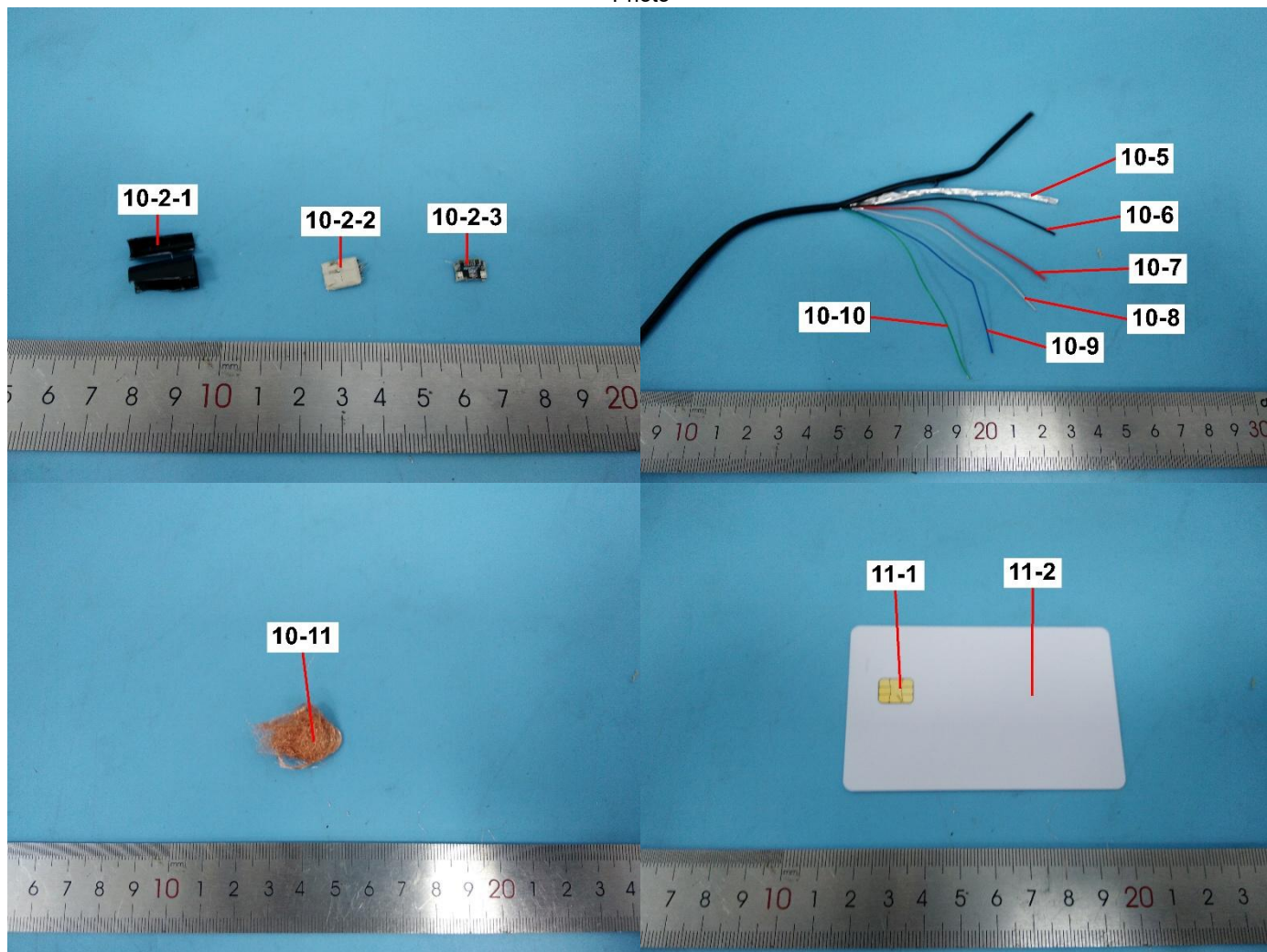
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To be continued

Tests Conducted

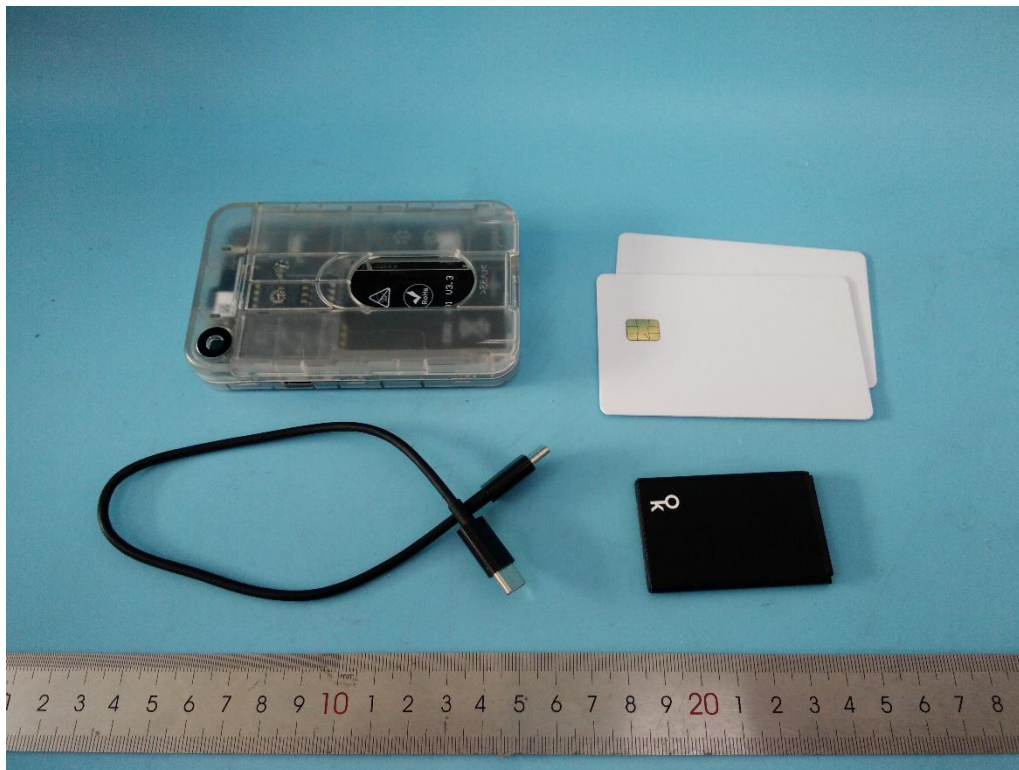
Photo



To be continued

Tests Conducted

Photo



End of report

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