

Test report

T-26056828-13-R1



Verify Report

Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: Shenzhen Bu Dong Feng Technology Co., Ltd
Address: 204, Factory building 2, No. 16 Kangzheng Road, Danzhotou
Community, Nanwan Street, Longgang District, Shenzhen

Sample information

Description:	tablet	Labeled age grade:	-
Supplier:	-	Applicant specified age	-
Country of origin:	-	grading for testing:	-
Country of distribution:	-	Appropriate age grading	-
Product reference #:	-	for testing:	-
Item #/ model #:	H39、 16 Pro、 P30、 G10、	Age grade for testing:	-
	P90、 P37、 mate80、 I17	SKC ID:	-
Manufacturer name:	Shenzhen Bu Dong Feng Technology Co., Ltd	SPU ID:	-
Fibre content:	-	SKU #:	-
Quantity submitted:	22 pcs + 1 lot parts	Color:	-

General information

Sample receipt date: 27-Jan-2026 Report date: 02-Mar-2026
Testing period: 28-Jan-2026 to 11-Feb-2026
24-Feb-2026 to 02-Mar-2026

QIMA Testing (Shanghai) Limited

Lisa Du

Lisa Du

Report Approver, Chemical Laboratory



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Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Directive 2011/65/EU and its amendment Directive (EU) 2015/863, Restriction of the Use of Certain Hazardous Substances (RoHS), Heavy metals and Flame retardants content (Pb, Cd, Hg, Cr (VI), PBBs and PBDEs)	Pass
Directive 2011/65/EU and its amendment Directive (EU) 2015/863, Restriction of the Use of Certain Hazardous Substances (RoHS), Phthalates Content (DBP, BBP, DEHP, DIBP)	Pass





Detailed results

Directive 2011/65/EU and its amendment Directive (EU) 2015/863, Restriction of the Use of Certain Hazardous Substances (RoHS), Heavy metals and Flame retardants content (Pb, Cd, Hg, Cr (VI), PBBs and PBDEs)

Test Method: EN 62321-3-1:2014
EN 62321-4:2014/AMD1:2017 for Mercury
EN 62321-5:2014 for Lead, Cadmium and Chromium
EN 62321-6:2015 for PBBs and PBDEs
EN 62321-7-1:2015, EN 62321-7-2:2017

Analytical Method: X-ray Fluorescence Spectrometry (XRF)
Inductively Coupled Plasma-Optical Emission Spectrometry
Gas Chromatography Mass Spectrometry
UV-Visible Spectrophotometry

Specimen No.	Test Item (mg/kg)						Conclusion
	Pb	Cd	Hg	Cr (VI)	PBBs	PBDEs	
C1	BL	BL	BL	BL	BL	BL	Pass
C2	BL	BL	BL	BL	NA	NA	Pass
C3	BL	BL	BL	BL	NA	NA	Pass
C4	BL	BL	BL	BL	BL	BL	Pass
C5	BL	BL	BL	BL	BL	BL	Pass
C6	BL	BL	BL	BL	BL	BL	Pass
C7	BL	BL	BL	BL	BL	BL	Pass
C8	BL	BL	BL	BL	BL	BL	Pass
C9	BL	BL	BL	BL	BL	BL	Pass
C10	BL	BL	BL	BL	BL	BL	Pass
C11	BL	BL	BL	BL	BL	BL	Pass
C12	BL	BL	BL	BL	NA	NA	Pass
C13	BL	BL	BL	BL	BL	BL	Pass
C14	BL	BL	BL	BL	BL	BL	Pass
C15	BL	BL	BL	BL	BL	BL	Pass
C16	BL	BL	BL	BL	BL	BL	Pass
C17	BL	BL	BL	Ne	NA	NA	Pass
C18	BL	BL	BL	Ne	NA	NA	Pass
C19	BL	BL	BL	BL	BL	BL	Pass
C20	BL	BL	BL	BL	BL	BL	Pass
C21	BL	BL	BL	BL	BL	BL	Pass
C22	BL	BL	BL	BL	BL	BL	Pass
C23	BL	BL	BL	Ne	NA	NA	Pass
C24	BL	BL	BL	BL	BL	BL	Pass
C25	BL	BL	BL	BL	ND	ND	Pass
C26	BL	BL	BL	Ne	NA	NA	Pass
C27	BL	BL	BL	BL	NA	NA	Pass
C28	BL	BL	BL	BL	BL	BL	Pass
C29	BL	BL	BL	BL	BL	BL	Pass
C30	BL	BL	BL	BL	BL	BL	Pass
C31	BL	BL	BL	BL	BL	BL	Pass





Specimen No.	Test Item (mg/kg)						Conclusion
	Pb	Cd	Hg	Cr (VI)	PBBs	PBDEs	
C32	BL	BL	BL	BL	BL	BL	Pass
C33	BL	BL	BL	BL	BL	BL	Pass
C34	EX# ^(7C-1)	BL	BL	ND	NA	NA	Pass
C35	BL	BL	BL	Ne	NA	NA	Pass
C36	BL	BL	BL	BL	BL	BL	Pass
C37	BL	BL	BL	BL	BL	BL	Pass
C38	BL	BL	BL	BL	ND	ND	Pass
C39	BL	BL	BL	ND	BL	BL	Pass
C40	BL	BL	BL	BL	BL	BL	Pass
C41	BL	BL	BL	BL	BL	BL	Pass
C42	BL	BL	BL	BL	BL	BL	Pass
C43	BL	BL	BL	BL	NA	NA	Pass
C44	BL	BL	BL	BL	ND	ND	Pass
C45	BL	BL	BL	BL	BL	BL	Pass
C46	BL	BL	BL	BL	BL	BL	Pass
C47	BL	BL	BL	BL	NA	NA	Pass
C48	BL	BL	BL	BL	NA	NA	Pass
C49	BL	BL	BL	BL	NA	NA	Pass
C50	BL	BL	BL	BL	NA	NA	Pass
C51	BL	BL	BL	BL	BL	BL	Pass
C52	BL	BL	BL	BL	BL	BL	Pass
C53	BL	BL	BL	BL	BL	BL	Pass
C54	BL	BL	BL	BL	BL	BL	Pass
C55	BL	BL	BL	BL	NA	NA	Pass
C56	BL	BL	BL	BL	NA	NA	Pass
C57	BL	BL	BL	BL	NA	NA	Pass
C58	BL	BL	BL	BL	BL	BL	Pass
C59	BL	BL	BL	BL	BL	BL	Pass
C60	BL	BL	BL	BL	BL	BL	Pass
C61	BL	BL	BL	BL	BL	BL	Pass
C62	BL	BL	BL	BL	NA	NA	Pass





Detailed results

Parameter	Unit	Requirement	Report Limit (MDL)
Lead (Pb)	mg/kg	1000	10
Cadmium (Cd)	mg/kg	100	10
Mercury (Hg)	mg/kg	1000	10
Chromium VI (Cr VI) (metal)	ug/cm ²	1000	Positive(>0.13ug/cm ²)/Negative(<0.10ug/cm ²) /Inconclusive(0.10ug-0.13ug/cm ²)
Chromium VI (Cr VI) (non-metal)	mg/kg	1000	10
PBB	mg/kg	1000	20
PBDE	mg/kg	1000	20

XRF Detection Limits In mg/kg For Regulated Elements Matrices

Parameter	Unit	Polymers	Metals	Composite material
Lead (Pb)	mg/kg	100	200	200
Cadmium (Cd)	mg/kg	50	70	70
Mercury (Hg)	mg/kg	100	200	200
Chromium (Cr)	mg/kg	100	200	200
Bromine (Br)	mg/kg	200	---	200

As specified by client, with XRF analysis toxic harmful substance content, all kinds of matrixes screening of the element is limited see chart (Unit: mg/kg)

Elements	Polymer material	Metal material/ Inorganic non-metallic material	Electronic component
Lead (Pb)	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cadmium (Cd)	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Mercury (Hg)	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Chromium (Cr)	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Bromine (Br)	$BL \leq (300-3\sigma) < X$	-	$BL \leq (250-3\sigma) < X$





Detailed results

Note:

1. Unit: mg/kg= Milligrams per kilogram, 1mg/kg=1ppm=0.0001%
2. MDL=Method Detection Limit
3. "NA"= Not Regulated or Not Applicable.
4. 3σ = Analysis shows that the instrument reproducibility.
5. BL = Below Limit by XRF screening.
OL = Over Limit by XRF screening.
IN = Inconclusive.
6. ND=Not Detected (< MDL), Result reported with wet chemical confirmation test with ICP-OES and GC-MS.
7. Ne=Negative, Absence of Cr(VI), the concentration of Cr (VI) in sample solution is less than $0.10\mu\text{g}/\text{cm}^2$.
Po = Positive, Presence of Cr(VI), the concentration of Cr (VI) in sample solution is more than $0.13\mu\text{g}/\text{cm}^2$.
Result reported with wet chemical confirmation test with UV-Vis.
8. "Results of XRF" is the result on total Br and total Cr while restricted substances are PBB, PBDE and Cr(VI).
9. EX(*)= Exemption item.
 - *=6(a) Lead as alloying element in steel for machining purposes and in galvanised steel containing up to 0,35% lead by weight.
 - *=6(b) Lead as an alloying element in aluminium containing up to 0,4 % lead by weight
 - *=6(c) Copper alloy containing up to 4% lead by weight.
 - *=7(a) Lead in high-melting point solder (i.e. lead-based alloys with lead containing more than 85% lead by weight).
 - *=7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.
 - *=8(b) Cadmium and its compounds in electrical contacts.
10. Specimen No.C43 is retest sample, received on 27-Feb-2026.



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Detailed results

Directive 2011/65/EU and its amendment Directive (EU) 2015/863, Restriction of the Use of Certain Hazardous Substances (RoHS), Phthalates Content (DBP, BBP, DEHP, DIBP)

Test Method: EN 62321-8:2017
Analytical Method: Gas Chromatography-Mass Spectrometry (GC-MS)

Specimen No.		C1+C53	C4+C32+C51	C5+C22+C52	C6+C8+C15	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Dibutyl phthalate	84-74-2	ND	ND	ND	ND	0.1	% w/w
Benzyl butyl phthalate	85-68-7	ND	ND	ND	ND	0.1	% w/w
Di-2-ethylhexyl phthalate	117-81-7	ND	ND	ND	ND	0.1	% w/w
Diisobutyl phthalate	84-69-5	ND	ND	ND	ND	0.1	% w/w
Conclusion		Pass	Pass	Pass	Pass		

Specimen No.		C7+C9+C58	C10+C54	C14+C16+C42	C19+C59+C60	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Dibutyl phthalate	84-74-2	ND	ND	ND	ND	0.1	% w/w
Benzyl butyl phthalate	85-68-7	ND	ND	ND	ND	0.1	% w/w
Di-2-ethylhexyl phthalate	117-81-7	ND	ND	ND	ND	0.1	% w/w
Diisobutyl phthalate	84-69-5	ND	ND	ND	ND	0.1	% w/w
Conclusion		Pass	Pass	Pass	Pass		

Specimen No.		C20+C21+C24	C61	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Dibutyl phthalate	84-74-2	ND	ND	---	---	0.1	% w/w
Benzyl butyl phthalate	85-68-7	ND	ND	---	---	0.1	% w/w
Di-2-ethylhexyl phthalate	117-81-7	ND	ND	---	---	0.1	% w/w
Diisobutyl phthalate	84-69-5	ND	ND	---	---	0.1	% w/w
Conclusion		Pass	Pass	---	---		

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.005 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Specimen description

Specimen #	Specimen description	Location
C1	Black plastic	Body
C2	Silvery metal with black plating	Body
C3	Silvery metal screw	Inside
C4	Black fabric tape	Screen
C5	Black soft plastic tape	Screen
C6	White soft plastic	Screen
C7	Silvery soft plastic	Screen
C8	Translucent and white soft plastic	Screen
C9	Transparent plastic	Screen
C10	White plastic	LED
C11	White chio LED	LED
C12	Transparent and black glass	Body
C13	Yellow PCB	PCB(controller)
C14	Silvery fabric tape	PCB(controller)
C15	Transparent and red soft plastic	PCB(controller)
C16	Gray plastic	PCB(controller)
C17	Silvery metal	PCB(controller)
C18	Silvery metal with golden plating	PCB(controller)
C19	Blue soft plastic	PCB(controller)
C20	Red soft plastic wire jacket	Inner wire
C21	Black soft plastic wire jacket	Inner wire
C22	Black plastic	Inside
C23	Silvery metal	Inside
C24	Gray soft plastic wire jacket	Inner wire
C25	Green PCB	PCB(interface)
C26	Silvery metal	PCB(switch)
C27	Transparent and black glass	Body
C28	Black IC	PCB(controller)
C29	White IC	PCB(controller)
C30	Black IC	PCB(controller)
C31	Black IC	PCB(controller)
C32	Beige plastic	PCB(controller)
C33	Brown chip capacitor	PCB(controller)



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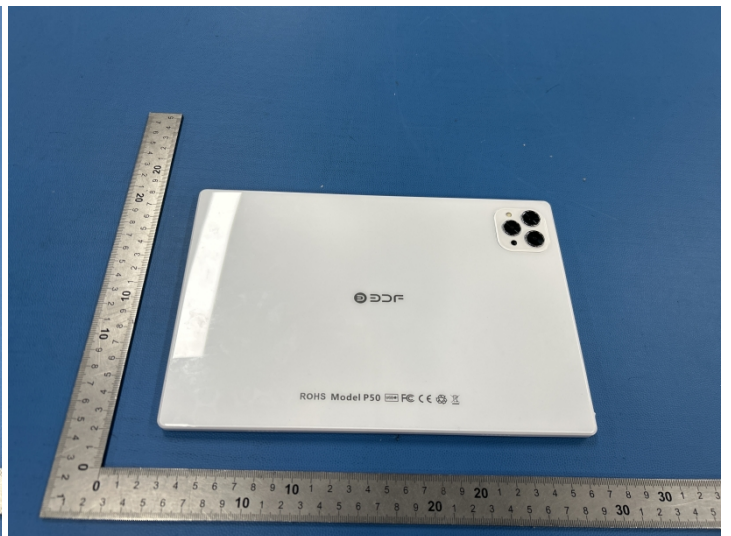
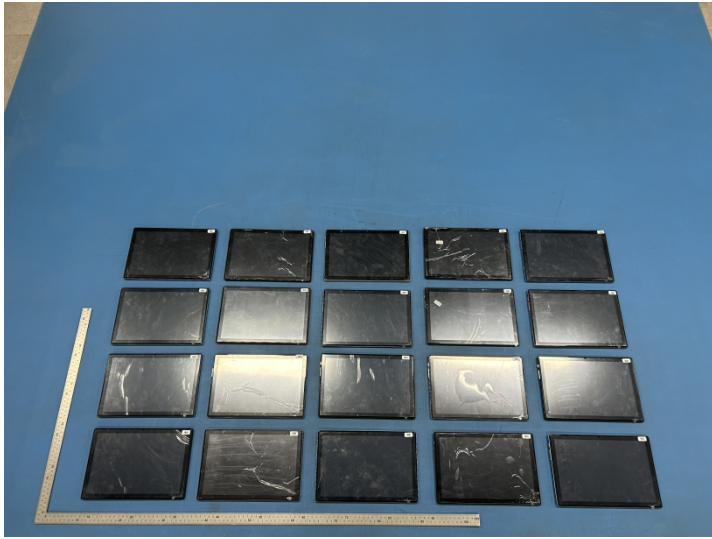
C34	Black chip resistor	PCB(controller)
C35	Silvery metal	PCB(controller)
C36	Black IC	PCB(controller)
C37	Black IC	PCB(controller)
C38	Black IC	PCB(controller)
C39	Black magnet	PCB(controller)
C40	Black IC	PCB(controller)
C41	Black IC	PCB(controller)
C42	Black plastic	PCB(controller)
C43	Silvery metal solder	PCB(controller)
C44	Blue PCB	PCB(controller)
C45	Black chip capacitor	PCB(controller)
C46	Black IC	PCB(controller)
C47	Silvery metal with orange plating	Body(orange)
C48	Silvery metal with purple plating	Body(purple)
C49	Silvery metal	Body(silvery)
C50	Silvery metal solder	Inside
C51	Black plastic with silvery coating	Switch(purple)
C52	White plastic with silvery coating	Body(silvery)
C53	White plastic with orange coating	Body(orange)
C54	White plastic with purple coating	Body(purple)
C55	Silvery metal with light-blue plating	Body(light-blue)
C56	Silvery metal with green plating	Body(green)
C57	Silvery metal with dark-blue coating	Body(dark-blue)
C58	White plastic with purple coating	Body(light-blue)
C59	White plastic with green coating	Body(green)
C60	White plastic with dark-blue coating	Body(dark-blue)
C61	White plastic	Body(white)
C62	Transparent glass with white coating	Body(white)





Pictures

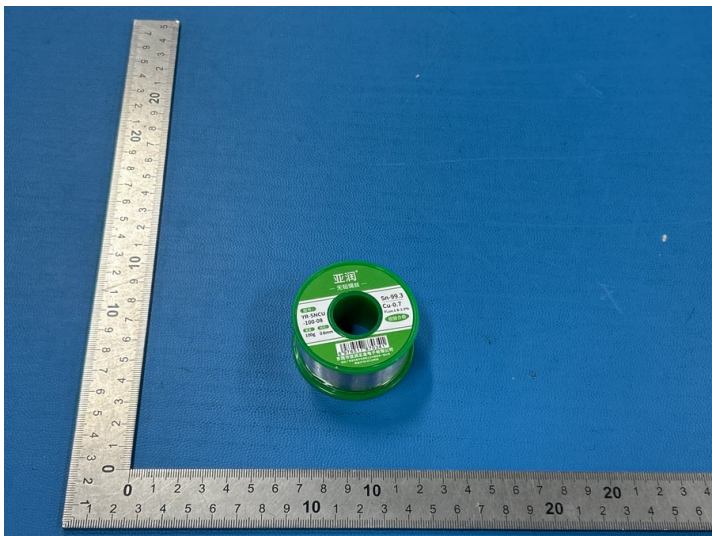
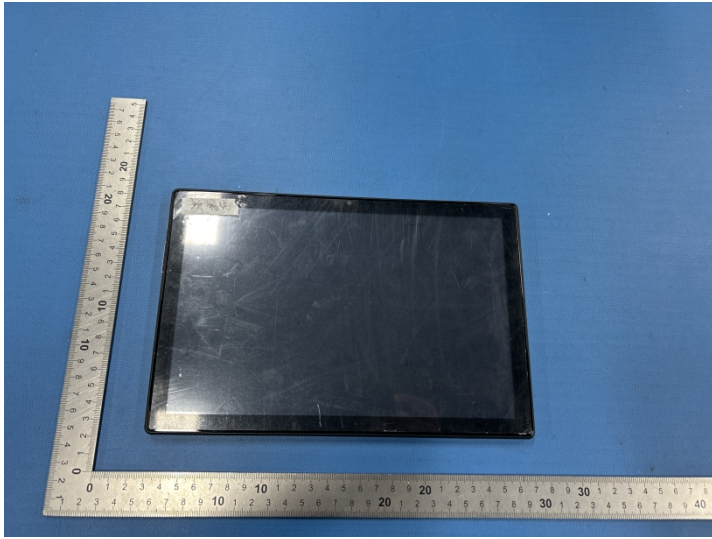
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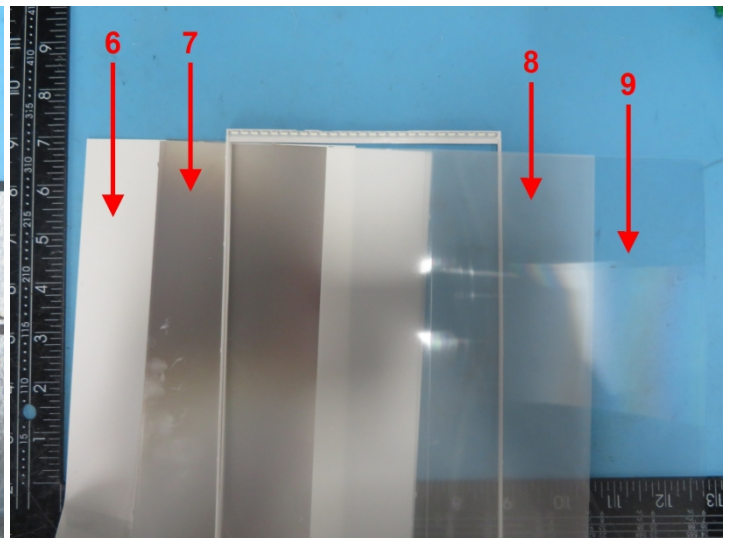
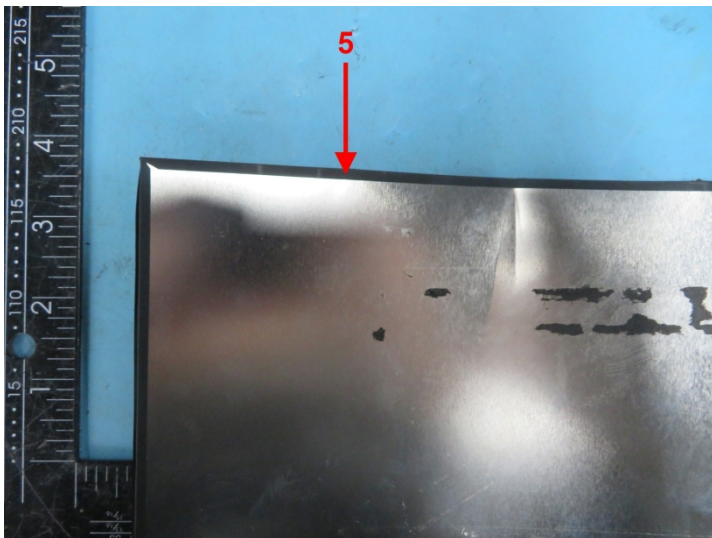
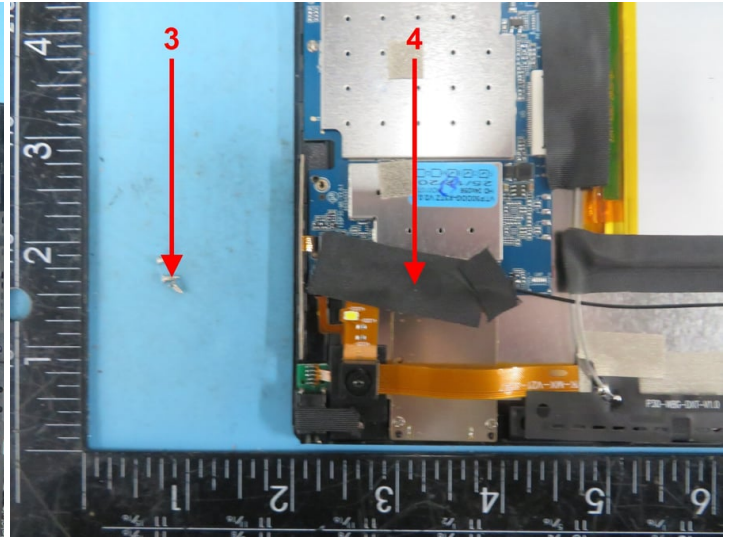
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Pictures

Specimen photo:



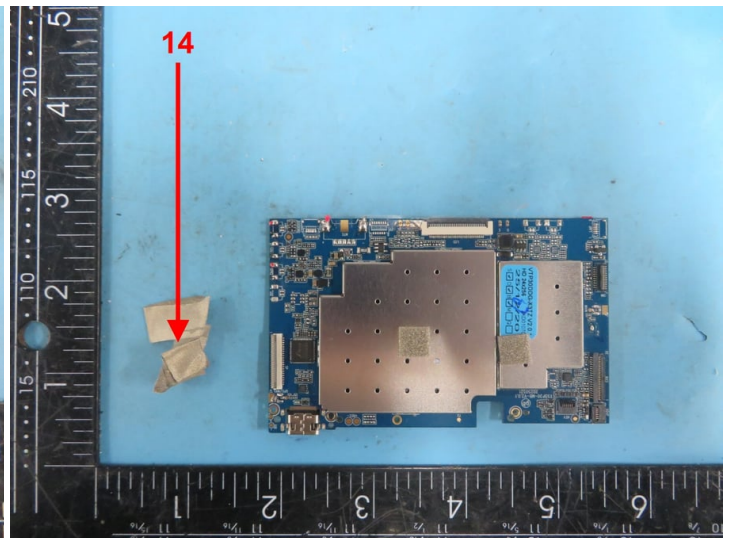
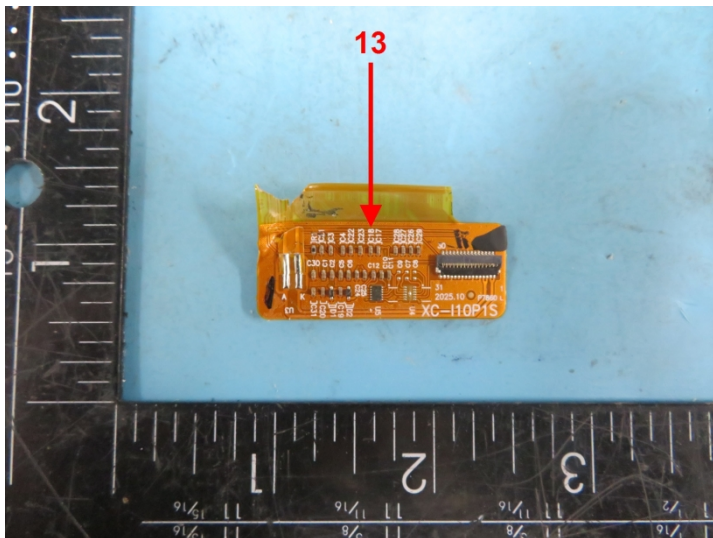
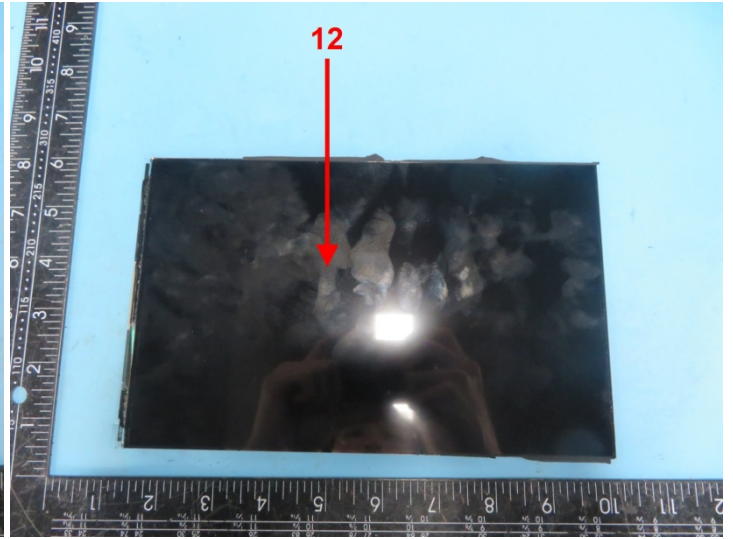
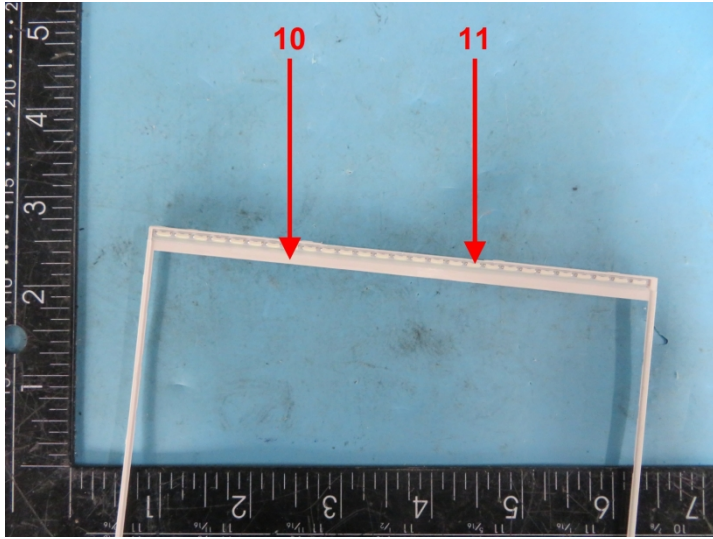
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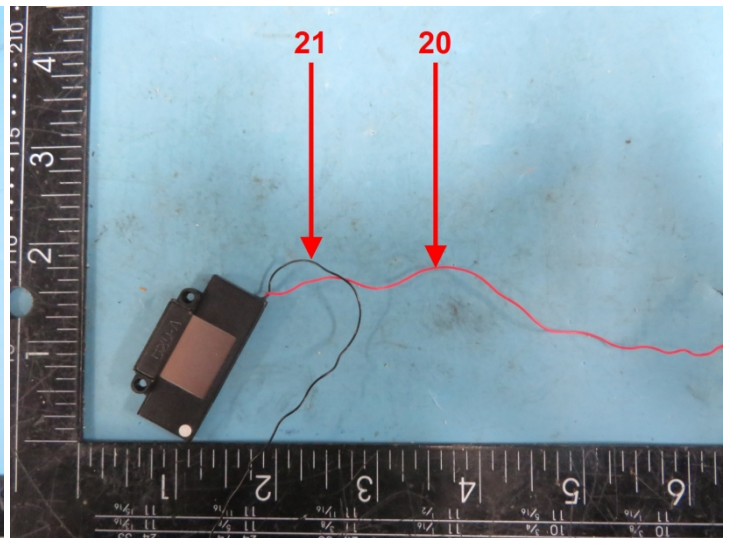
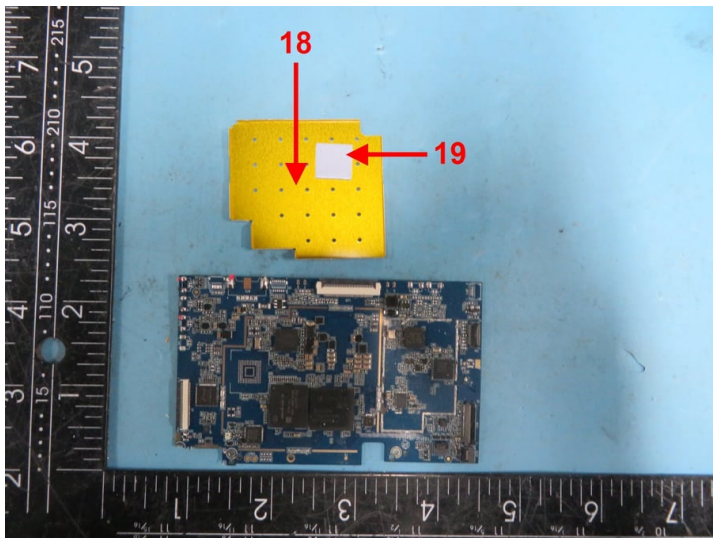
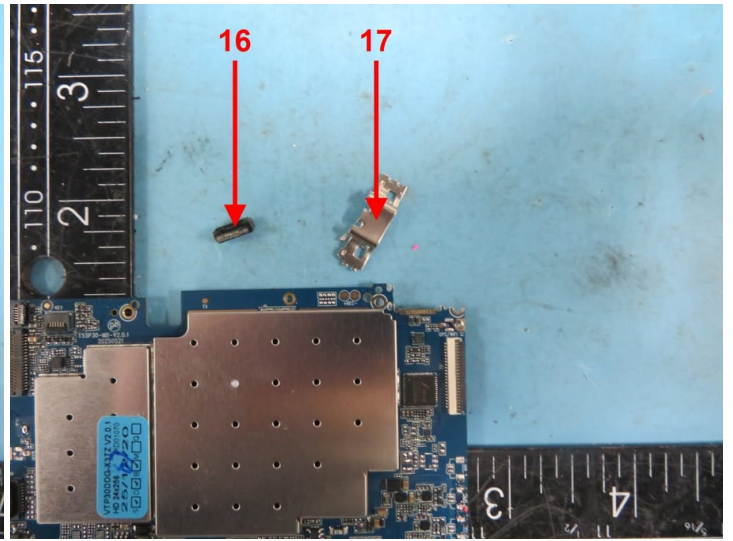
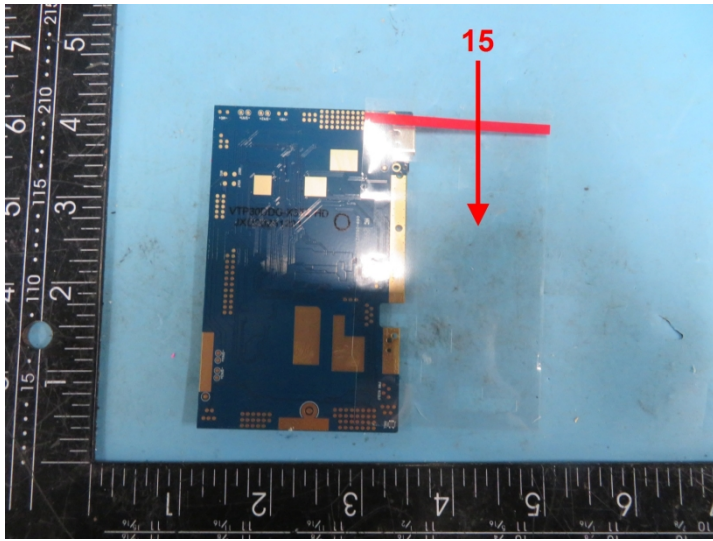
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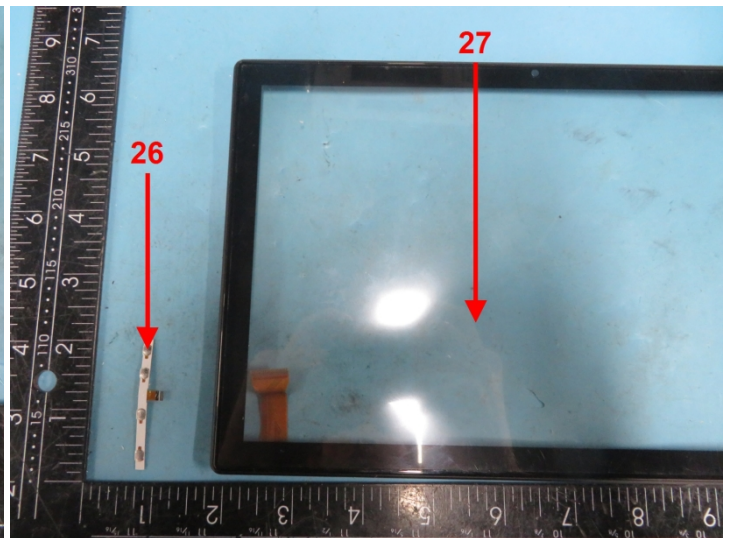
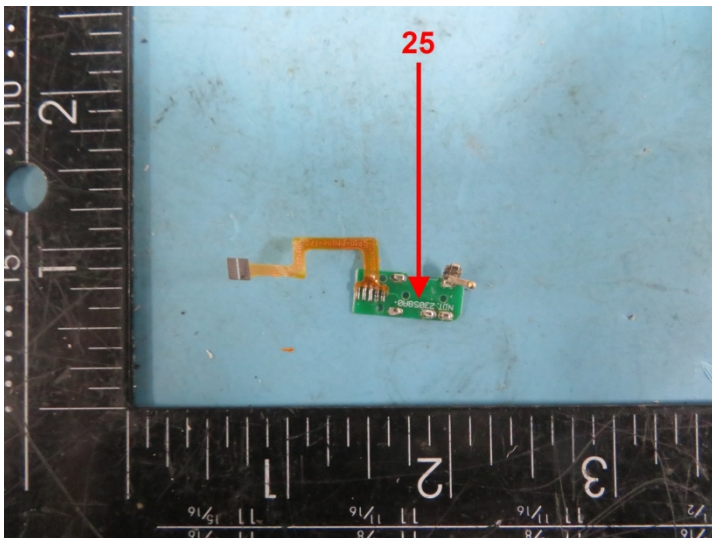
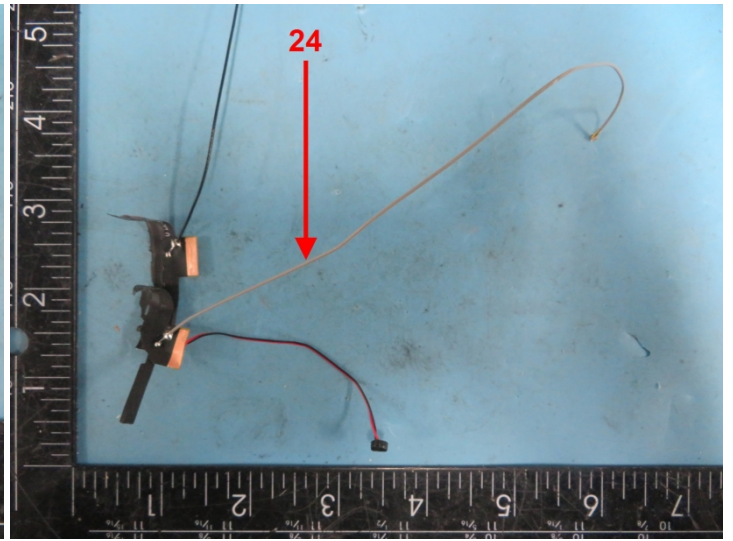
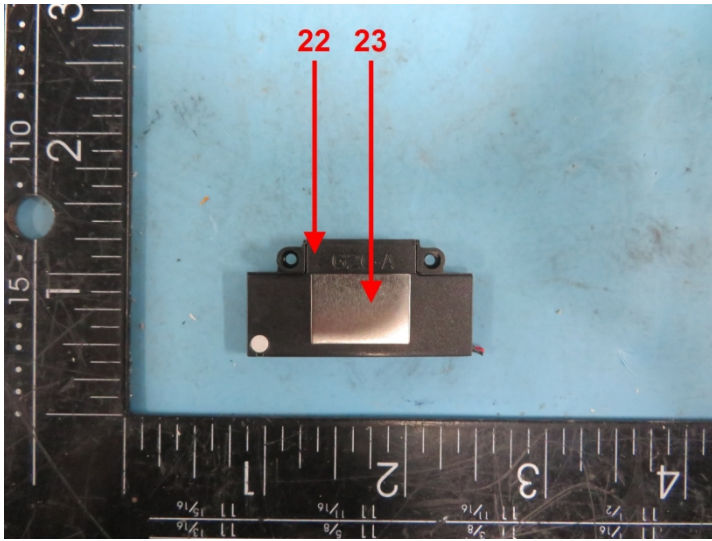
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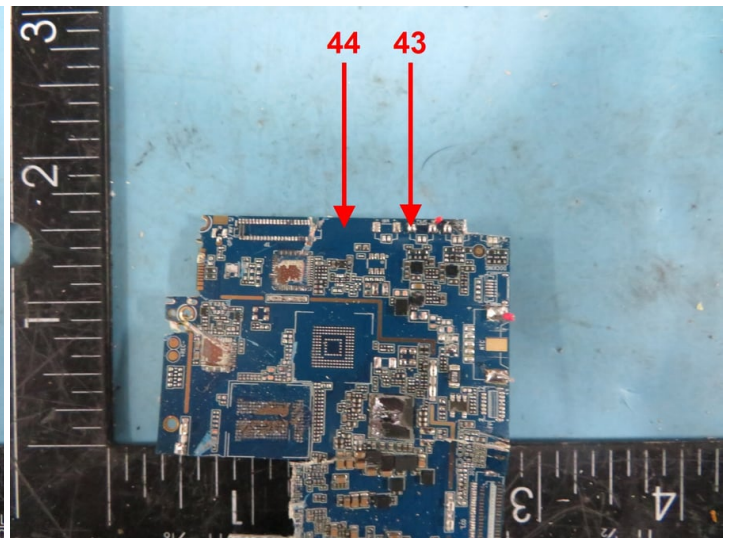
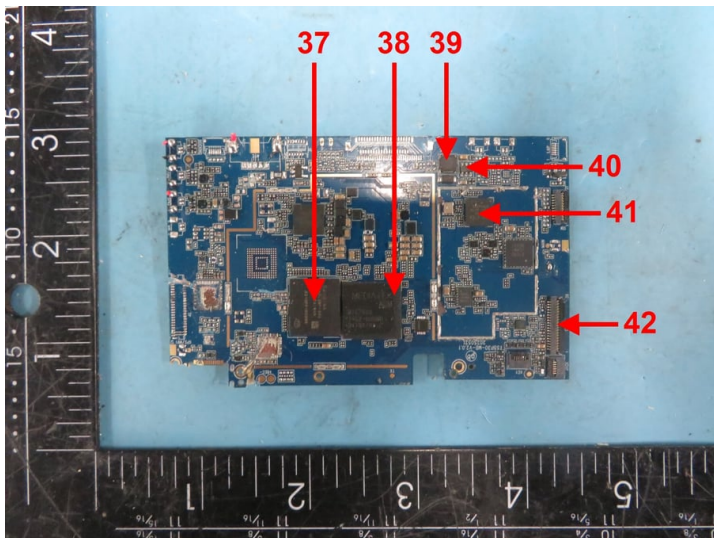
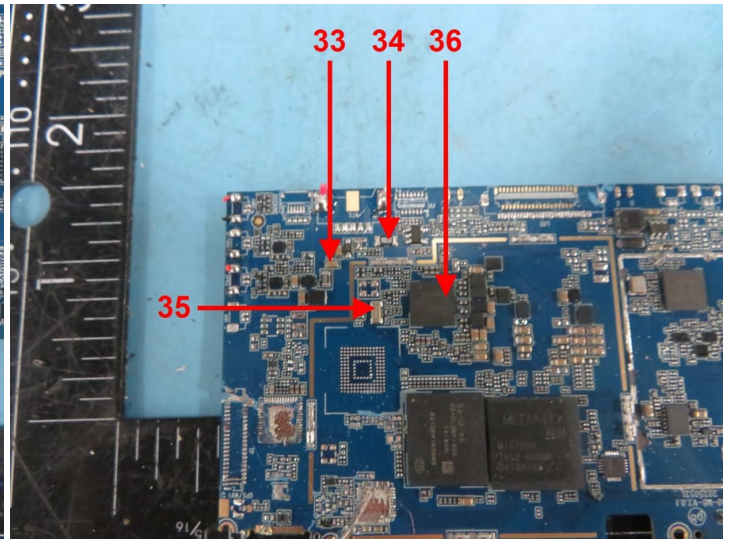
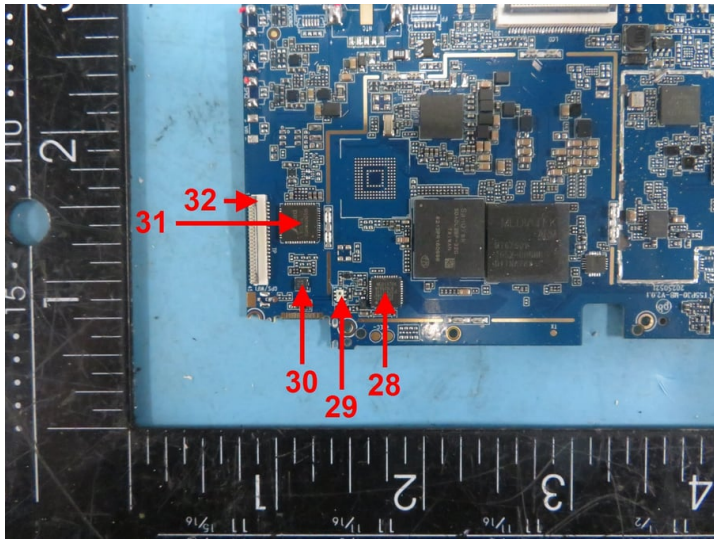
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Pictures

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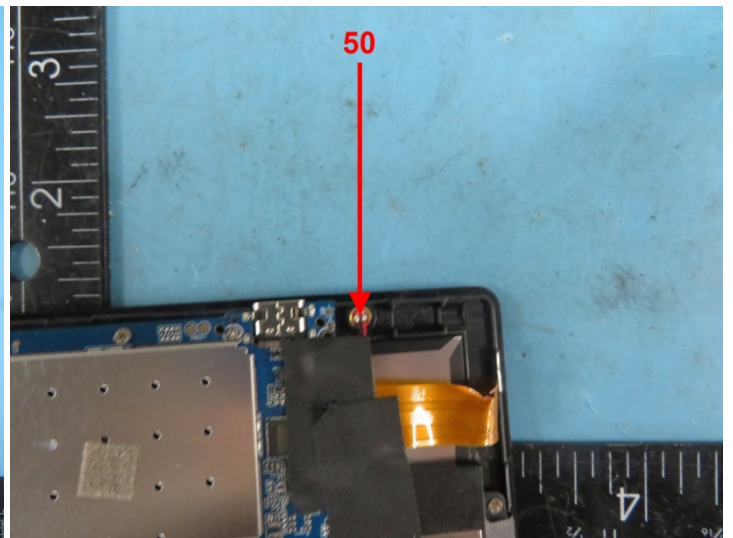
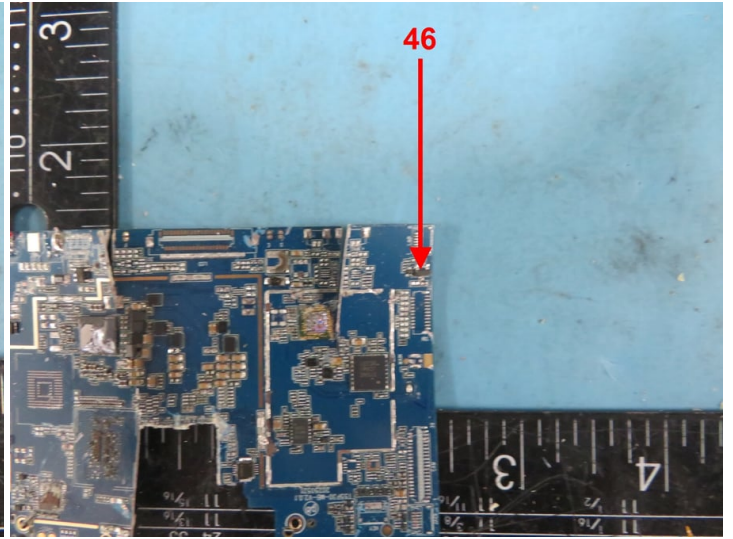
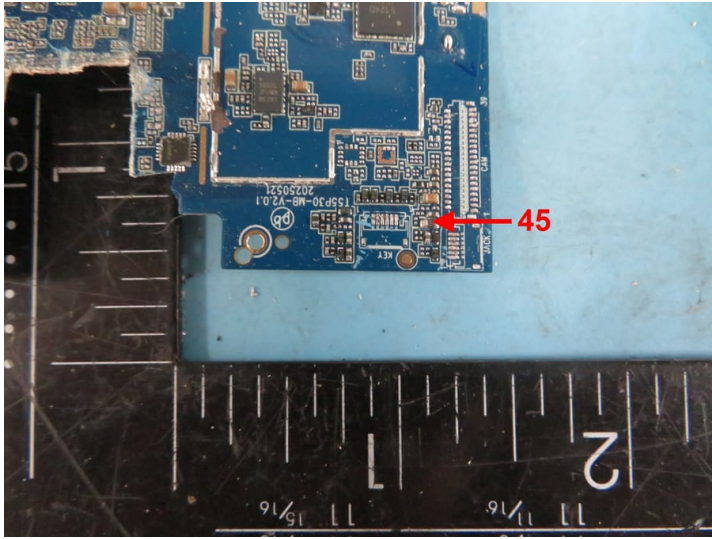
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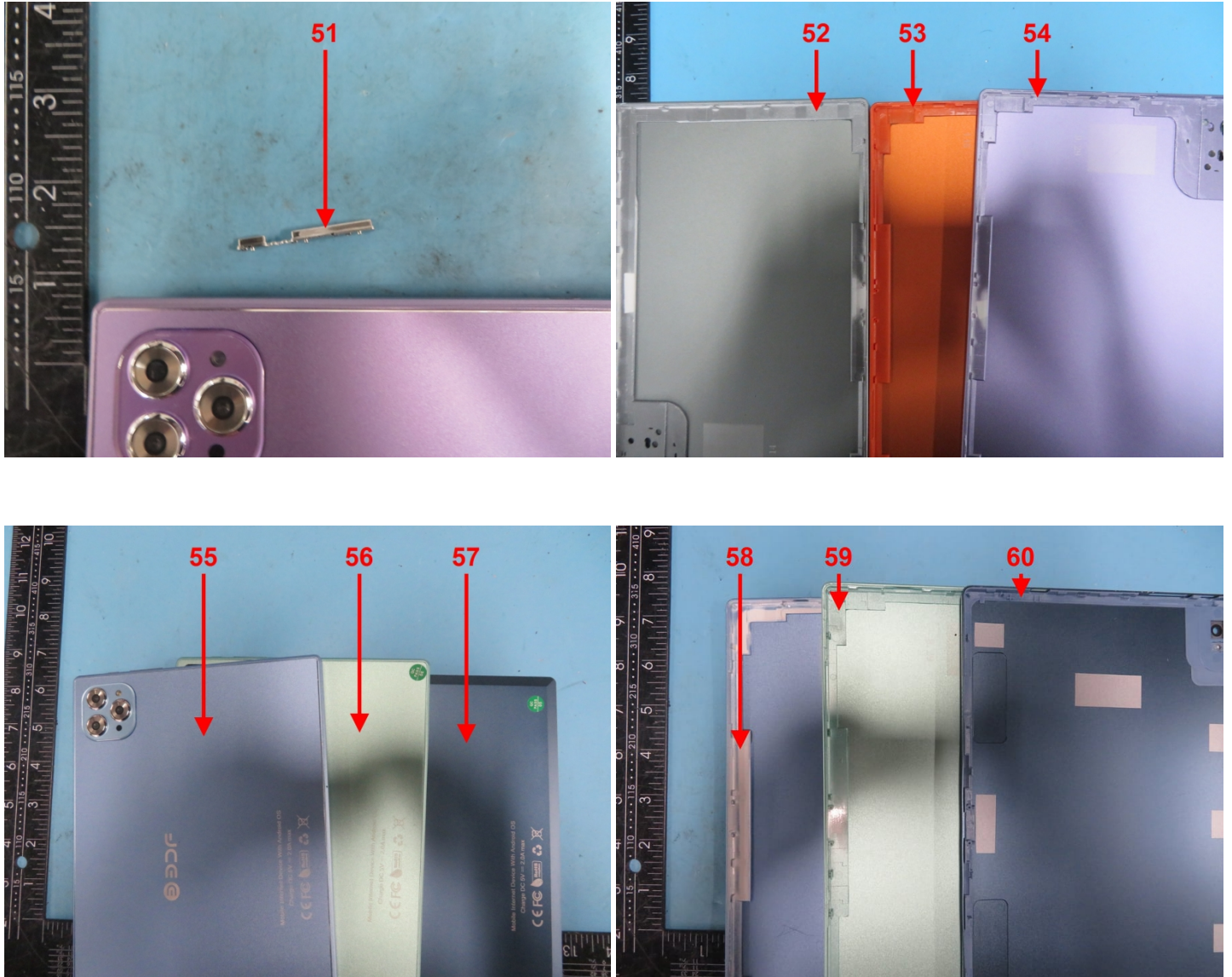
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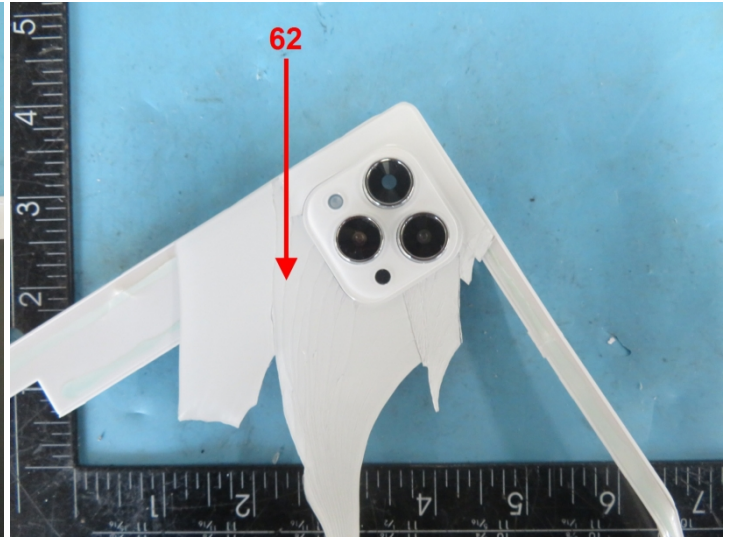
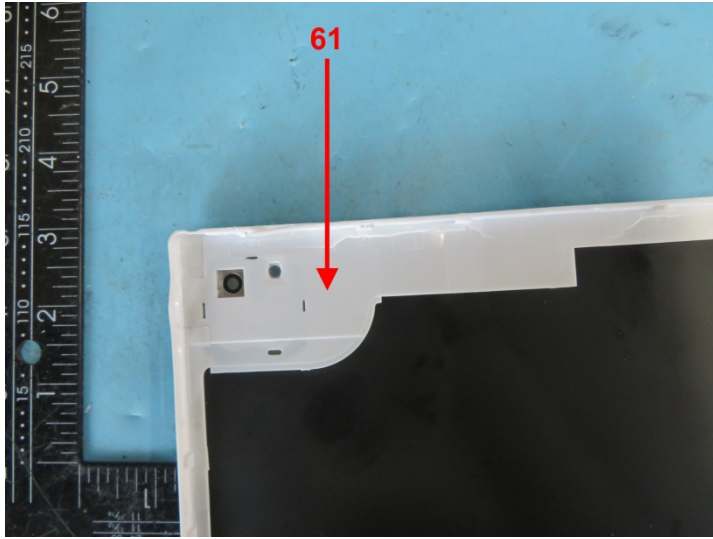
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Pictures

Specimen photo:



Retest sample

End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA Testing (Shanghai) Limited.



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