



ATTESTATION OF CONFORMITY

Attestation Number : AOC DG1201224-28599E -13
Date of Issue: January 28, 2021
Product: NEXTION HMI TOUCH SCREEN
Model: NX4827P043-011R-Y, NX4827P043-011C-Y,
NX8048P050-011R-Y, NX8048P050-011C-Y, NX4827P043-011R,
NX4827P043-011C, NX8048P050-011R, NX8048P050-011C
Brand: NEXTION
Applicant Name & Address: Shenzhen Sonoff Technologies Co., Ltd.
1001, BLDG8, Lianhua Industrial Park, shenzhen, GD, China

Bay Area Compliance Laboratories Corp. (Dongguan) hereby declares that the submitted sample(s) of the above equipment has been tested for CE-marking and in accordance with the following European Directives and Standards:

**Restriction of the use of certain hazardous substances (RoHS)
Directive 2011/65/EU**

Substances	Test methods	Test Report Number
Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DBP, BBP, DEHP & DIBP	IEC62321	DG1201224-28599E



Mark is permitted only after all applicable requirements are met in accordance with the European Union Rules, including the manufacturer's issuance of a "Declaration of Conformity. The Declaration of Conformity is issued under sole responsibility of manufacturer. This attestation is specific to the standard(s) stated above and compliance with additional standards and/or European directives are applicable.

Attestation by: Bensen Huang
Lab Manager

Signature

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Shenzhen Sonoff Technologies Co.,Ltd.

1001, BLDG8, Lianhua Industrial Park, shenzhen, GD, China

Report on the submitted samples said to be:

Sample Name: NEXTION HMI TOUCH SCREEN
NX4827P043-011R-Y, NX4827P043-011C-Y, NX8048P050-011R-Y, NX8048P050-011C-Y, NX4827P043-011R, NX4827P043-011C, NX8048P050-011R, NX8048P050-011C
Style/Item No.:
Brand: NEXTION
Sample Receiving Date: December 24,2020
Testing Period: December 24,2020 - January 28,2021
Result: Please refer to next page(s).

Signed for and on behalf of

BACL

Checked by: _____

Jane

Jane Xu

Approved by: _____

Benson

Bensen Huang

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Summary of Test Result:

TEST REQUEST

CONCLUSION

A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

Pass

A.1 XRF screening test

Please refer to next page(s).

A.2 Wet Chemical Testing

A.2.1 Total Lead content

Pass

A.2.2 Chromium VI (CrVI) content

Pass

A.2.3 PBBs & PBDEs content

Pass

A.3 Phthalates(DBP, BBP, DEHP, DIBP)content

Pass

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A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

A.1 XRF screening test

Test method: IEC 62321-3-1:2013

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(1)	Red soft plastic (wire jacket , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(2)	Blue soft plastic (wire jacket , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(3)	Black soft plastic (wire jacket , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(4)	Yellow soft plastic (wire jacket , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(5)	Silvery metal (wire , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(6)	White plastic (plug shell , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(7)	Silvery metal (pin , plug , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(8)*	Black plastic (micro plug shell , NX8048P050-011R-Y)	BL	BL	BL	BL	IN
(9)	Silvery metal (pin , micro plug , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(10)	Black adhesive sponge (fixer , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(11)	Translucent double faced adhesive tape (film fixer , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(12)	Translucent plastic with silvery grey coating (film , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(13)	Transparent glass (screen shell , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(14)	Silvery metal (screen shell , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(15)	Tan/brown FPC (FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(16)	Silvery solder (FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(17)	Black body (IC , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(18)	Black body (triode , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(19)	Black body (diode , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(20)	Brown body (capacitor , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(21)	Black body with white printing (resistor , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(22)	Gray body (inductor , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(23)	Copper metal (coil , inductor , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(24)	Yellow adhesive plastic (fixer , FPC "FPC-H050IWV4011 V2" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(25)	Black adhesive plastic (tape , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(26)	Grey transparent plastic film (screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL

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Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(27)	Translucent iridescent plastic film (screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(28)	White plastic film (base of screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(29)	Off white plastic film (base of screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(30)	Transparent plastic (base of screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(31)	White plastic (frame of screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(32)	Black glue (screen seal , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(33)	White/Brown PFC (LED FPC , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(34)	Yellow body (LED , (LED FPC , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(35)	Silvery solder (LED FPC , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(36)	Transparent glass (screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(37)	Grey Transparent glass (screen , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(38)*	Red PCB (PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	IN
(39)	Golden adhesive fabric with foam (cushion , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(40)*	Beige plastic (pin holder , J4 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	IN
(41)	Silvery metal (pin , J4 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(42)	Beige plastic (pin holder , K1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(43)	Black plastic (opener , K1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(44)	Silvery metal (pin , K1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(45)	Silvery metal (socket holder , K1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(46)	Brown plastic (opener , K2 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(47)	Brown plastic (battery shell , J2 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(48)	Golden metal ("+" plate , J2 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(49)	Golden metal ("-" plate , J2 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(50)*	Silvery metal (shell , SD1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	IN	---
(51)	Silvery metal (pole , SD1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(52)*	Silvery metal (pin , SD1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	IN	---

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Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(53)	Golden metal (shrapnel , SD1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(54)	Gunmetal metal (spring , SD1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(55)	Black plastic (pin holder , SD1 , PCB "NX8048P050_011" , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(56)	Black plastic (base , capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(57)	Black soft Rubber (base , capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(58)	Silvery metal with black coating(shell, capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	---
(59)	Silvery metal(foil, capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	---
(60)	Dull silvery metal(foil, capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	---
(61)	Brown paper with liquid(film,capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(62)	Transparent adhesive plastic(tape,capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(63)	Silvery metal(connector, capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	---
(64)	Silvery metal(pin, capacitor "CT1" , PCB "NX8048P050_011")	BL	BL	BL	BL	---
(65)	Black body(IC "U1" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(66)	Black body(diode "D2" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(67)	Black body with white coating(resistor "R24" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(68)	Black body(triode "Q2" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(69)	Dark grey body(diode "BD3" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(70)	Brown body (capacitor "C57" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(71)	Black body (inductance "L3" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(72)	Yellow body (capacitor "C43" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(73)	Silvery body (crystal "Y2" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(74)	Black body with white coating (crystal "Y3" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(75)	Black body with white coating(resistor "RN8" , PCB "NX8048P050_011")	BL	BL	BL	BL	BL
(76)	Silvery solder(PCB "NX8048P050_011")	BL	BL	BL	BL	---
(77)*	Silvery metal(screw , screen holder , NX8048P050-011R-Y)	BL	BL	BL	IN	---
(78)*1	Golden metal(nut , screen holder , NX8048P050-011R-Y)	OL	BL	BL	BL	---
(79)*	Black plastic(screen holder , NX8048P050-011R-Y)	BL	BL	BL	BL	IN
(80)*	Silvery metal(screw , shell , NX8048P050-011R-Y)	BL	BL	BL	IN	---
(81)	Transparent plastic with black coating(screen cover , NX8048P050-011R-Y)	BL	BL	BL	BL	BL

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Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(82)	White double faced adhesive tape(screen cover fixer , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(83)*	Black plastic(back shell , NX8048P050-011R-Y)	BL	BL	BL	BL	IN
(84)	Black soft plastic(crash pad , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(85)	Silvery adhesive plastic with black coating(sticker , back shell , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(86)	Black soft plastic(diaphragm, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(87)	Coppery metal(coil, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(88)	Black plastic (ring, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(89)	Red soft plastic(wire jacket, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(90)	Black soft plastic(wire jacket, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(91)	Silvery metal(wire, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(92)	Silvery metal(pin, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(93)	White plastic(pin holder, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(94)	Green PCB(speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(95)	Silvery solder(PCB, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(96)*	Silvery magnet(core, speaker , NX8048P050-011R-Y)	BL	BL	BL	IN	BL
(97)	Silvery metal(plate, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(98)	Silvery metal(magnet housing, speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	---
(99)	Black glue(speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(100)	White glue(speaker , NX8048P050-011R-Y)	BL	BL	BL	BL	BL
(101)*	Silvery metal (screw , accessory)	BL	BL	BL	IN	---
(102)* ^{*1}	Golden metal (nut , accessory)	OL	BL	BL	BL	---
(103)*	Black plastic (holder , nut , accessory)	BL	BL	BL	BL	IN

Note :

--- = Not Applicable.

*= Screening by XRF and detected by chemical method. The test result of chemical method please refer to next pages.

*1=As claimed by the material declaration submitted by the client, the materials of the sample No. 7、15、22 are copper alloy. And according to RoHS directive2011/65/EU and its amendments, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.

- The test result of sample (83) is shown retest result, and the retest sample was provided by client on January 18, 2021.

- The test result of sample (8) is shown retest result, and the retest sample was provided by client on January 26, 2021.

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Remark:

i Result were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013.

Element	Unit	Polymers	Metal	Composite Material
Cd	mg/kg	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

Note:

BL = Below Limit

OL = Over Limit

IN / X = Inconclusive (questionable, need further chemical analysis)

ii The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

iii The maximum permissible limit is quoted from the RoHS directive 2011/65/EU:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000

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 result 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 are required to obtain quantitative data.

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A.2 Wet Chemical Testing

A.2.1 Total Lead content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result	
			(78)	(102)
Lead(Pb)	mg/kg	10	22340	26070

Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm

A.2.2 Chromium VI (CrVI) content

Test method: IEC 62321-7-2:2017

Item	Unit	RL	Result	Limit
			(96)	
hexavalent chromium(Cr VI)	mg/kg	10	N.D.	1000
Conclusion	/	/	Pass	/

Test method: IEC 62321-7-1:2015

Item	Unit	RL	Result					Limit
			(50)	(52)	(77)	(80)	(101)	
hexavalent chromium(Cr VI)	µg/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	See Remark
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Limit Remark:

- The sample is positive for CrVI if the CrVI concentration is greater than 0.13µg/cm². The sample coating is considered to contain CrVI
 - The sample is negative for CrVI if CrVI is ND (concentration less than 0.10µg/cm²). The coating is considered a non-CrVI based coating
 - The result between 0.10µg/cm² and 0.13µg/cm² is considered to be inconclusive -unavoidable coating variations may influence the determination
- For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm

A.2.3 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	RL	Result						Limit
			(8)	(38)	(40)	(79)	(83)	(103)	
Monobromobiphenyl (MonoBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-

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Item	Unit	RL	Result						Limit
			(8)	(38)	(40)	(79)	(83)	(103)	
Dibromobiphenyl(DiBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	5	N.D.	N.D.	N.D.	438	N.D.	510	-
sum of MonoBDE,DiBDE,TriBDE,TetraBDE, PentaBDE,HexaBDE,HeptaBDE, OctaBDE,NonaBDE,DecaBDE	mg/kg	-	N.D.	N.D.	N.D.	438	N.D.	510	1000

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Item	Unit	RL	Result						Limit
			(8)	(38)	(40)	(79)	(83)	(103)	
sum of MonoBB, DiBB, TriBB, TetraBB, PentaBB, HexaBB, HeptaBB, OctaBB, NonaBB, DecaBB	mg/kg	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

- Note:
- N.D.= Not Detected or less than RL
 - RL = Report Limit
 - mg/kg = ppm
 - The Result less than RL are not taken into account while calculating the sum contents.
 - The test result of sample (83) is shown retest result, and the retest sample was provided by client on January 18, 2021.
 - The test result of sample (8) is shown retest result, and the retest sample was provided by client on January 26, 2021.

A.3 Phthalates(DBP, BBP, DEHP, DIBP)content

Test method: IEC 62321-8:2017

Item	Unit	RL	Result						Limit
			(1)+(2)	(3)+(4)	(6)	(8)	(10)+(11)+(13)	(12)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result						Limit
			(15)	(17)+(18)+(19)	(20)+(21)+(22)	(24)+(32)+(33)	(25)	(26)+(27)+(28)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

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Item	Unit	RL	Result						Limit
			(29)+(30)	(31)	(34)+(36)+(37)	(38)	(39)+(56)+(57)	(40)+(42)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result						Limit
			(43)	(46)	(47)+(55)	(61)+(62)+(65)	(66)+(67)+(68)	(69)+(70)+(71)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result						Limit
			(72)+(73)+(74)	(75)+(82)+(85)	(79)	(81)	(83)	(84)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result						Limit
			(86)	(88)	(89)+(90)	(93)+(94)+(96)	(99)+(100)	(103)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

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Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- 0.1% = 1000 mg/kg, mg/kg = ppm
- "+" = Mixed, The admixture of specimen is tested as a whole(part)which according to the applicant' s request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- The test result of sample (83) is shown retest result, and the retest sample was provided by client on January 18, 2021.
- The test result of sample (8) is shown retest result, and the retest sample was provided by client on January 26, 2021.

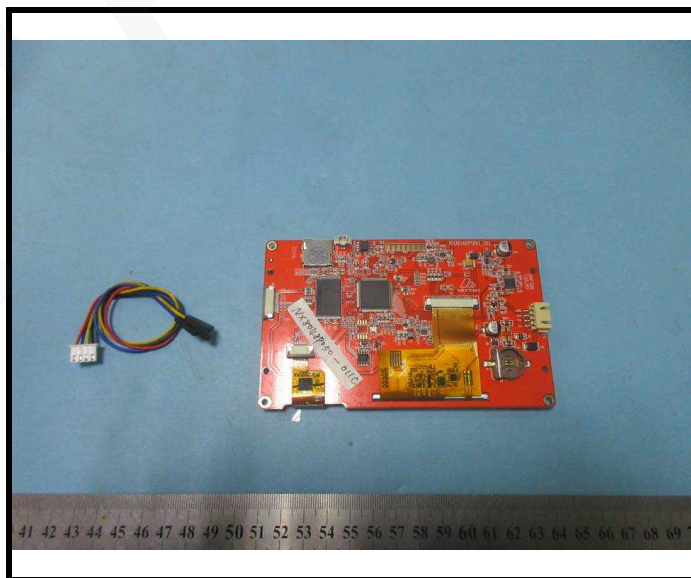
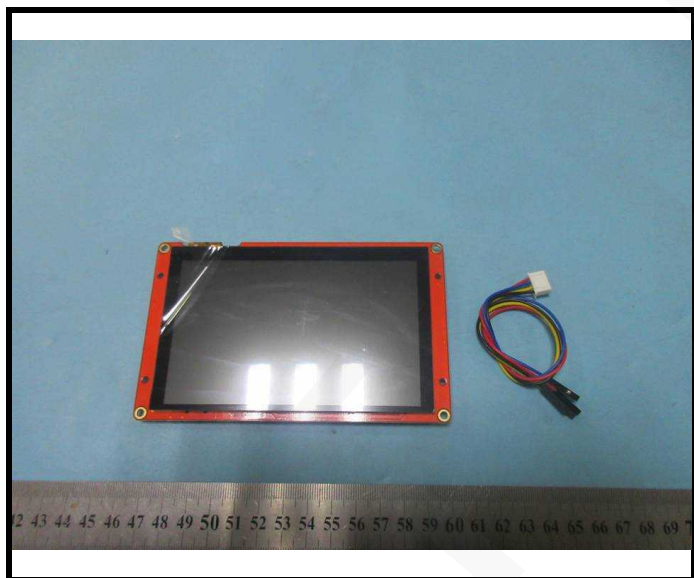
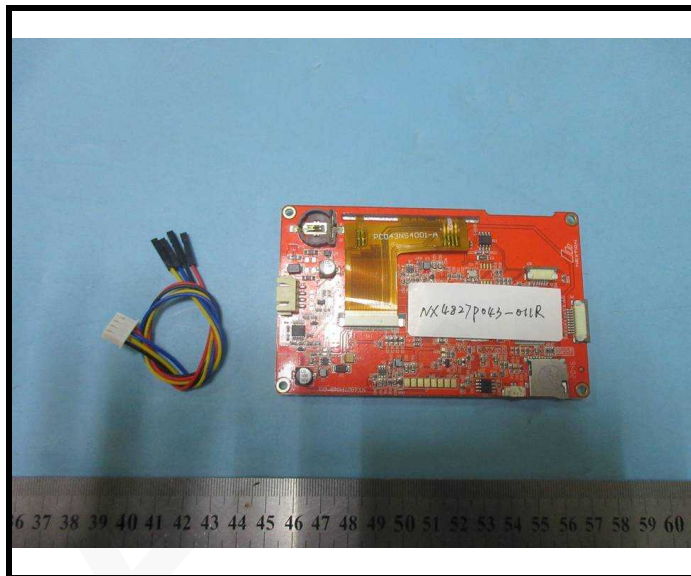
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Photograph of Sample

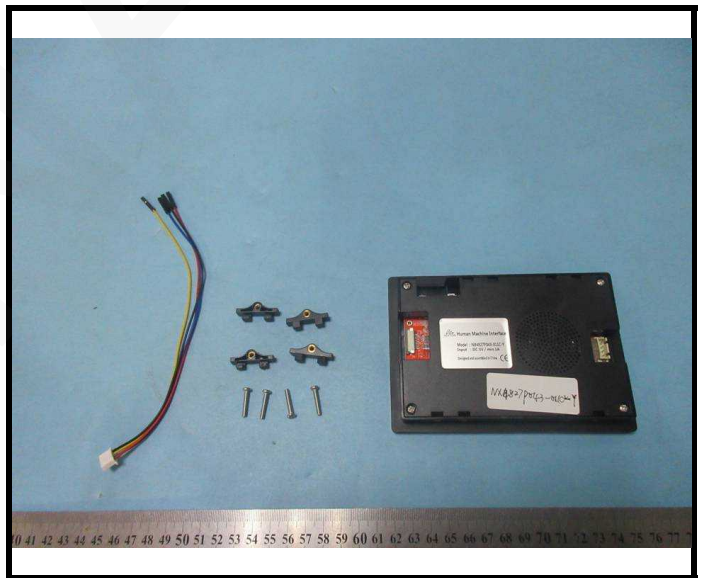
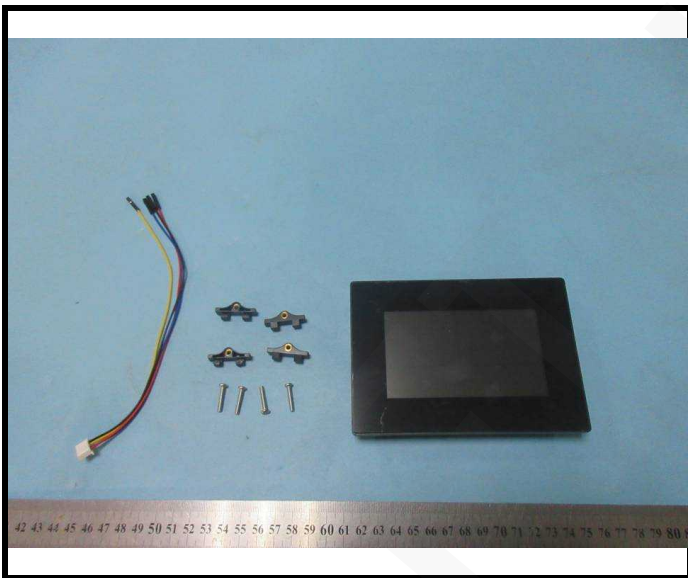
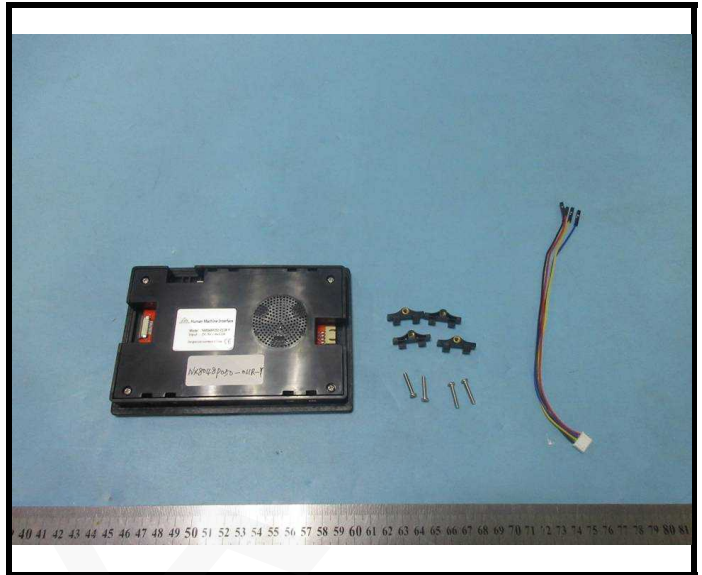
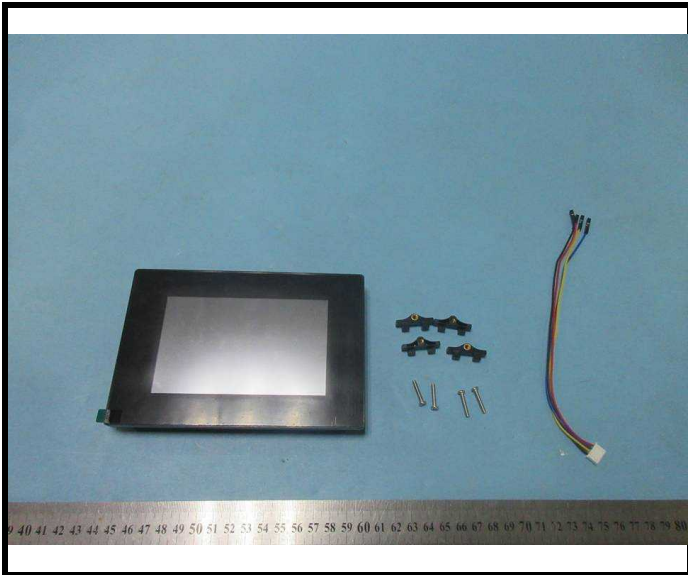


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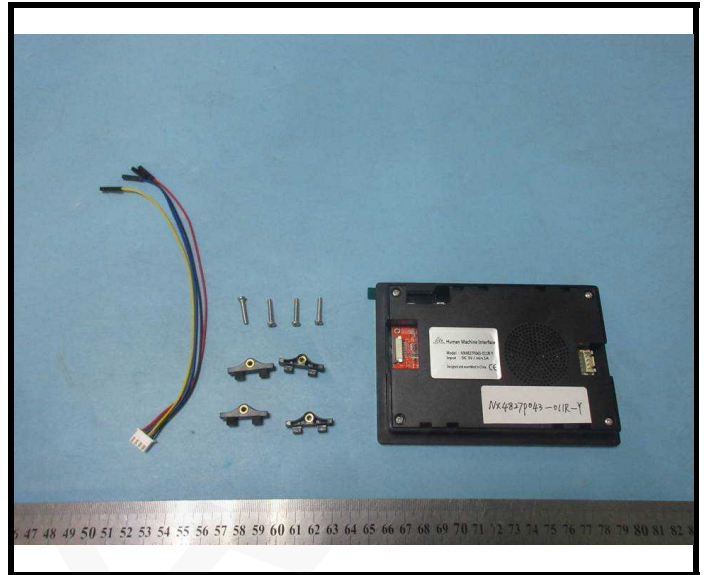
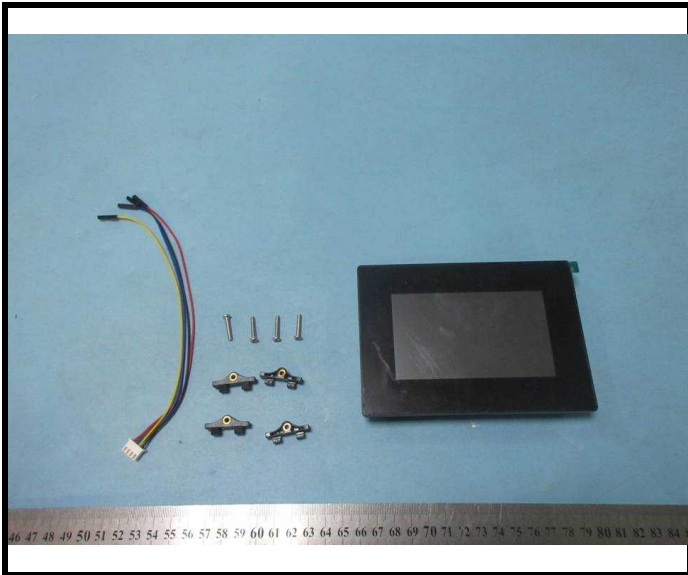


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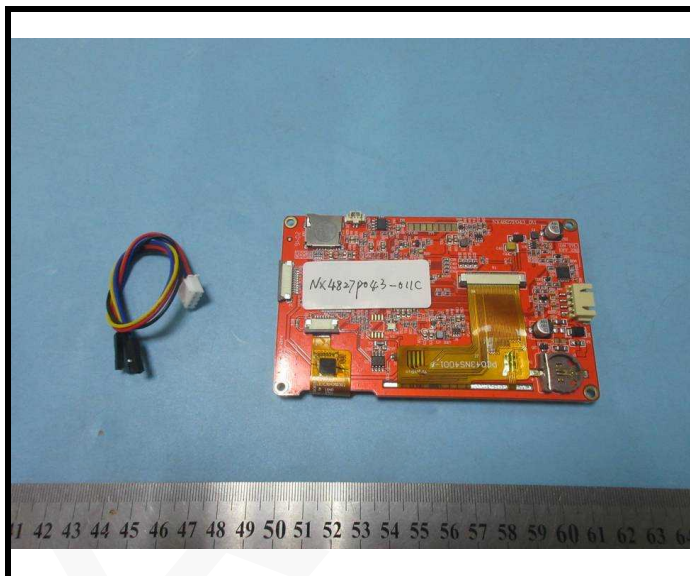


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Statement:

- 1.This report cannot be reproduced except in full, without prior written approval of the Company.
- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
- 3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
- 4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
- 6.The test samples were in good condition before testing.
- 7.The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***