Report No. HTT202603860CH

RoHS Test Report

Application information:

Applicant name:	Shenzhen QDTFT Electronic Technology Co., LTD
Address:	3F, Building C1, Jindi Science Park, Dalang Street, Longhua District, Shenzhen
Manufacturer:	Shenzhen QDTFT Electronic Technology Co., LTD
Address:	3F, Building C1, Jindi Science Park, Dalang Street, Longhua District, Shenzhen

Sample information:

Sample Name:	5inch LCD Display
Sample Model:	5inch LCD Display-C, 5inch LCD Display-D
Trade mark:	QDTFT
Sample Received Date:	Mar. 18, 2026
Testing Period:	Mar. 18, 2026 ~ Mar. 24, 2026
Test Requested:	As specified by client, to determine the Lead, Cadmium, Mercury,Hexavalent Chromium, PBBs, PBDEs, The Phthalate(DEHP, BBP, DBP & DIBP) content in the submitted sample compliance with RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.
Test Method:	Please refer to next page.
Test Results	Please refer to next page(s).
Conclusion:	PASS

Completed by: Louis Liu

Reviewed by: Leo Zhang

Approved by: Kevin Yang

Technical Manager

Shenzhen HTT Technology Co., Ltd.

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

1. Test Method(s):

As requested by the client, Reference to IEC 62321-3-1:2013 Procedures for the screening analysis of Lead (Pb), Cadmium (Cd), Mercury (Hg), total Chromium (Cr), and Bromine (Br) by XRF. If the screening analysis results exceed the screening limits of IEC 62321-3-1:2013 Annex A, use the chemical methods for testing.

Table1 IEC 62321-3-1:2013 Annex A screening limits of XRF (mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	BL≤ (70-3σ)< X <(130+3σ)≤ OL	BL≤ (70-3σ)< X <(130+3σ)≤ OL	LOD < X <(150+3σ)≤ OL
Pb	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (500-3σ)< X <(1500+3σ)≤ OL
Hg	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (500-3σ)< X <(1500+3σ)≤ OL
Br	BL ≤ (300-3σ)< X	Not applicable	BL≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL≤ (500-3σ)< X

BL = Less than screening limits of XRF

OL = More than screening limits of XRF

X = The results of screening analysis by XRF are within this range, requiring further chemical testing.

LOD = Limit of Detection

Table2 testing methods & Equipments

Testing Item	Testing Method	Equipment
Screening analysis by XRF		
Lead (Pb), Cadmium (Cd), Mercury (Hg) Chromium (Cr), Bromine (Br)	IEC 62321-3-1:2013	ED-XRF
Chemical testing		
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES
Hexavalent chromium (Cr(VI)) for plastic	IEC 62321-7-2:2017	UV-VIS
Hexavalent chromium (Cr(VI)) for coating on metals	IEC 62321-7-1:2015	UV-VIS
PBBs	IEC 62321-6:2015	GC-MS
PBDEs	IEC 62321-6:2015	GC-MS
DBP	IEC 62321-8:2017	GC-MS
BBP	IEC 62321-8:2017	GC-MS
DEHP	IEC 62321-8:2017	GC-MS
DIBP	IEC 62321-8:2017	GC-MS

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

2. Method Detection Limit (MDL):

For XRF screening analysis (mg/kg)

Item	Pb	Cd	Hg	Br	Cr
Polymer	20	20	20	20	20
Other materials	50	50	50	50	50

For chemical testing (mg/kg)

Item	Pb	Cd	Hg	PBBs	PBDEs	DEHP	BBP	DBP	DIBP	Cr(VI)
General materials	2	2	2	10	10	50	50	50	50	See remark (2)

Remark:

(1) PBBs and PBDEs method detection limit only for one substance;

(2) MDL for polymer and Composites is 8 mg/kg, MDL for coating on metals is 0.10 μg/cm^2.

3. RoHS Requirement (mg/kg):

Restricted substances	Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs	DEHP	BBP	DBP	DIBP
RoHS limit	100	1000	1000	1000	1000	1000	1000	1000	1000	1000

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

4. Test Result(s):

Part No.	Part Description	Restricted Substances	Results (mg/kg)		Conclusion (P/F)
			EDXRF	Chemical testing	
01	LCD	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
02	PCB	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
03	Solder	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
04	IC	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

Part No.	Part Description	Restricted Substances	Results (mg/kg)		Conclusion (P/F)
			EDXRF	Chemical testing	
05	FPC	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
06	SMT resistor	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
07	SMT capacitor	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
08	LED	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

Part No.	Part Description	Restricted Substances	Results (mg/kg)		Conclusion (P/F)
			EDXRF	Chemical testing	
09	TypeC interface	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
10	USB port	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
11	Headphone jack	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
12	Diode	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

Part No.	Part Description	Restricted Substances	Results (mg/kg)		Conclusion (P/F)
			EDXRF	Chemical testing	
13	Transistor	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
14	Inductance	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
15	Crystal oscillator	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P
16	Switch	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

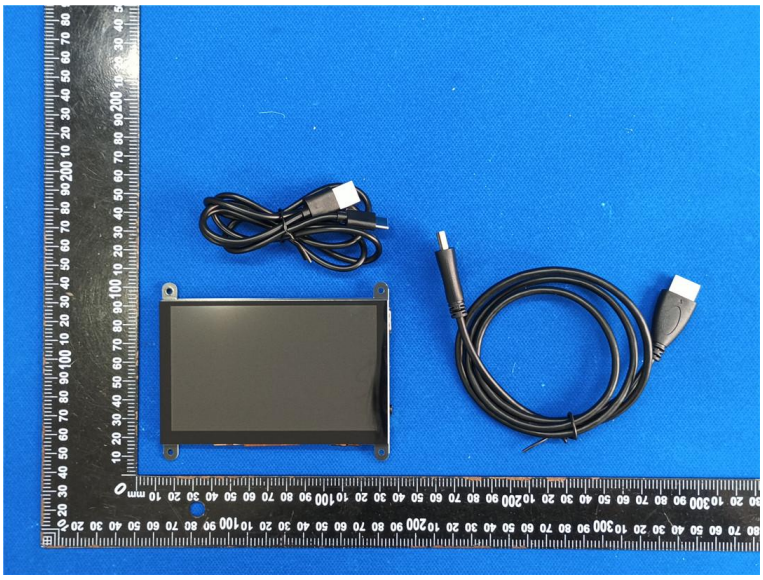
Part No.	Part Description	Restricted Substances	Results (mg/kg)		Conclusion (P/F)
			EDXRF	Chemical testing	
17	Data cable	Cd	BL	/	P
		Pb	BL	/	P
		Hg	BL	/	P
		Cr(VI)	BL	/	P
		PBBs	BL	/	P
		PBDEs	BL	/	P
		DEHP	/	N.D.	P
		DBP	/	N.D.	P
		BBP	/	N.D.	P
		DIBP	/	N.D.	P

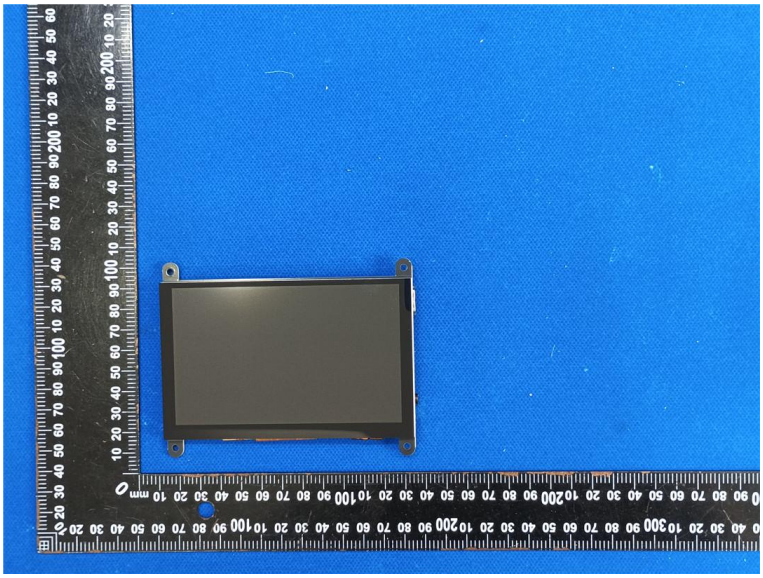
Note:
mg/kg = milligram per kilogram = ppm
N.D. = Not detected (<MDL)
BL=Less than screening limits of XRF
D = DETECTED = Inconclusive
P = PASS
F = FAIL
/ = Not available

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report

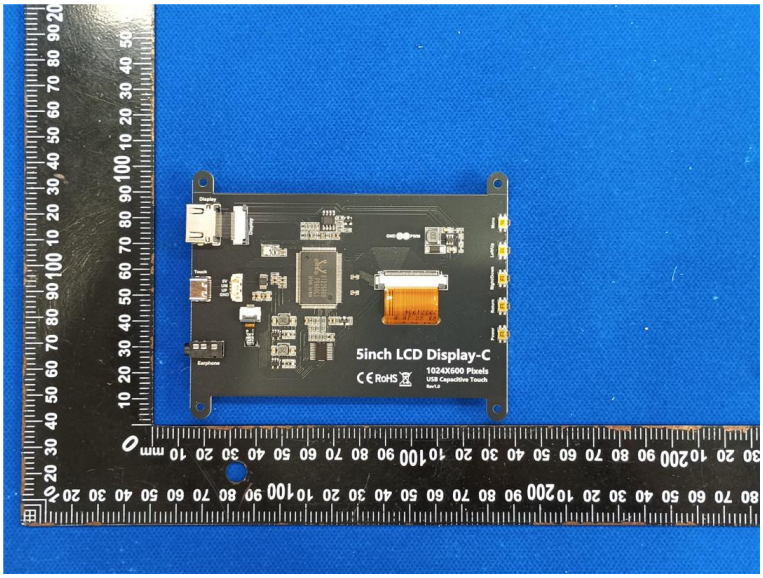
Photo(s) of the sample(s)





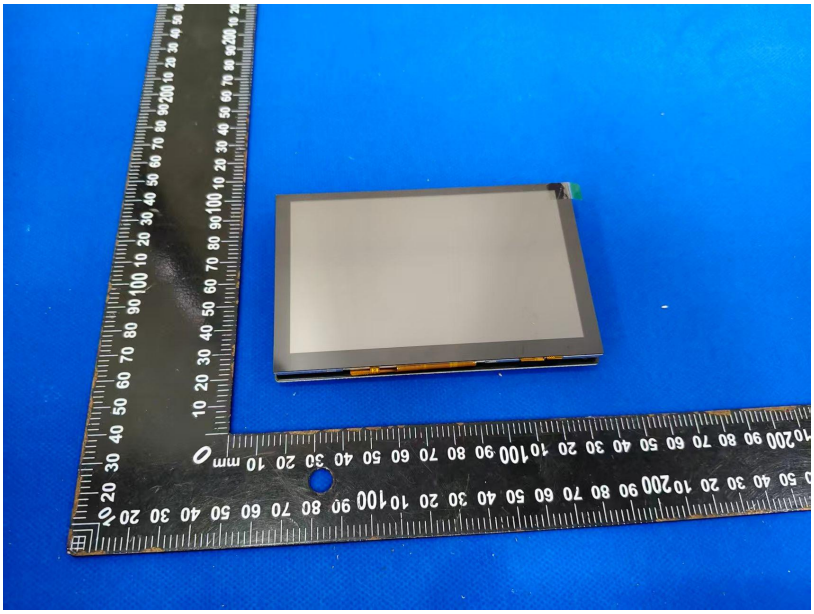
Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

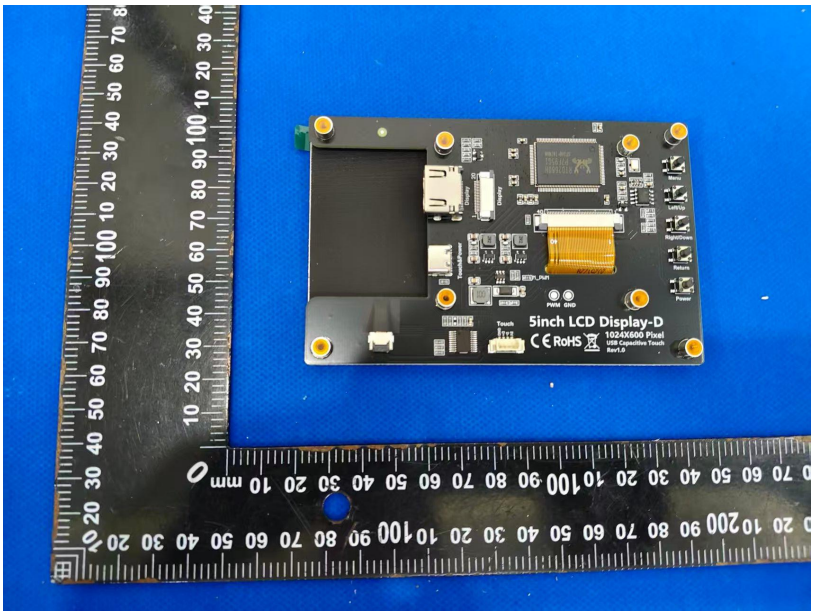
RoHS Test Report



Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com

RoHS Test Report





*** End of report ***

Shenzhen HTT Technology Co., Ltd.
Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com