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Please find attached the related material

For your convenience, the below describes the related updates:

Nsec - For File #E204356 volume#X4 section# A6177.

E204356-volX4-Index
E204356-20201020-CertificateofCompliance
E204356-A6177-DescriptionUL
Figure-9-Total
E204356-A6177-TestRecordUL

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Times change, Trust Remains™

File		Volume	Page	Date:
E204356	Index	X4	1	05-Nov-20

Index

Product Type	Model/Type Reference	Report Reference #	Status
LCD Panel (LED Backlight)	M270HWZZ, M270HVNZZZZ, M270DANZZZZ, M270HTNZZZZ, M270HANZZZZ (where Z may be 0-9, A-Z, or a dot, or blank)	E204356-A6018-UL	
LCD Panel (LED backlight)	B139KANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6022-UL	
LCD Panel (LED backlight)	P320HVNZZZZ (where Z may be any alphanumeric character or blank)	E204356-A6023-UL	
LCD Panel (LED backlight)	G101EANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6029-UL	
LCD Panel (LED Backlight)	M270HWZZ, M270HVNZZZZ, M270DANZZZZ, M270HTNZZZZ, M270HANZZZZ (where Z may be 0-9, A-Z, or a dot, or blank)	E204356-A6030-UL	
LCD Panel (LED Backlight)	G270ZANZZZZ, G270HANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6031-UL	
LCD Panel (LED backlight)	M250HTNZZZZ, M250HANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6034-UL	
LCD Panel (LED backlight)	B101UANZZZZ, B101UATZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6038-UL	
LCD Panel (LED backlight)	M170ETNYYZZ (Y, Z may be any alphanumeric character or dot or blank), P170ETNZZZZ (Z may be any alphanumeric character or dot or blank)	E204356-A6040-UL	
LCD Panel (LED backlight)	G270QANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6042-UL	
Touch Module	I156FGBZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6044-UL	
LCD Panel (LED backlight)	M190EGZZ, M190ETNZZZZ (Z may be 0-9, A-Z or blank)	E204356-A6046-UL	
LCD Panel (LED backlight)	G101QANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6048-UL	

File		Volume	Page	Date:
E204356	Index	X4	2	05-Nov-20

LCD Panel (LED backlight)	B133HANZZZZ, B133HTNZZZZ, B133HABZZZZ, B133HAKZZZZ, B133HATZZZZ, B133HACZZZZ (where Z may be any alphanumeric character or a dot or blank) (for marketing purpose only, and no impact safety related constructions and critical components)	E204356-A6049-UL	
21.5" LCD Panel (LED backlight)	T215HVNZZZZ, P215HVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6050-UL	
LCD Panel (LED backlight)	M195RTNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6051-UL	
LCD Panel (LED backlight)	M238HANZZZZ, M238HVNZZZZ, P238HANZZZZ, G238HANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6053-UL	
LCD Panel (LED backlight)	B140QANZZZZ (where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components.)	E204356-A6054-UL	
LCD Panel (LED backlight)	P750QVNZZZZ, T750QVNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6056-UL	
LCD Panel (LED backlight)	G116HANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6058-UL	
LCD Panel (LED backlight)	P850QVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6060-UL	
35" LCD Panel (LED backlight)	M350DVRZZZZ (Z = any alphanumeric character or a dot or blank)	E204356-A6061-UL	
LCD Panel (LED backlight)	P353KVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6063-UL	
LCD Panel (LED backlight)	P370IVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6064-UL	
LCD Panel (LED Backlight)	M238DANZZZZ (Where Z may be any alphanumeric character or blank or a dot)	E204356-A6065-UL	
LCD Panel (LED backlight)	M270DTNZZZZ (Where Z may be any alphanumeric character or blank or dot)	E204356-A6066-UL	

File		Volume	Page	Date:
E204356	Index	X4	3	05-Nov-20

LCD Panel (LED backlight)	B150HANZZZZ, B150HATZZZZ, B150HAVZZZZ, B150ZANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6069-UL	
19.5" LCD Panel (LED backlight)	M195XTNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6070-UL	
LCD Panel (LED backlight)	G240HWZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6071-UL	
LCD Panel (LED backlight)	1. G140XTNZZZZ 2. G140HANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6073-UL	
LCD Panel (LED Backlight)	M215HWZZ, M215HTNZZZZ, M215XTNZZZZ, M215HANZZZZ, P215HANZZZZ (Z may be 0-9, A-Z, a dot or blank)	E204356-A6074-UL	
LCD Panel (LED backlight)	G150XTNZZZZ, G150XVNZZZZ, G150XANZZZZ, G150XTTZZZZ, G150XTKZZZZ (Where Z may be any alphanumeric character, symbol or dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components)	E204356-A6076-UL	
24 inch LCD Panel (LED backlight)	M240UANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6077-UL	
LCD Panel (with Backlight)	B080EABZZZZ (Where Z may be any alphanumeric character, symbol or dot or blank)	E204356-A6078-UL	
LCD Panel (LED Backlight)	G043FWZZ (Z may be 0-9, A-Z or blank), G043FTTZZZZ (where Z may be any alphanumeric character or blank)	E204356-A6079-UL	
LCD Panel (LED Backlight)	G043FTNZZZZ (Where Z may be any alphanumeric character or blank)	E204356-A6080-UL	
LCD Panel (LED backlight)	G190EGZZ, G190ETNZZZZ, G190EANZZZZ (Where Z may be any alphanumeric character or a dot or a blank)	E204356-A6081-UL	
LCD Panel (LED Backlight)	B079XATZZZZ, B079XANZZZZ, B080XATZZZZ, B080XANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6082-UL	

File		Volume	Page	Date:
E204356	Index	X4	4	05-Nov-20

LCD Panel (LED backlight)	P650QVNZZZZ, P650QVFZZZZ (Where Z may be any alphanumeric character or blank)	E204356-A6083-UL	
LCD Panel (LED Backlight)	B101EVBZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6084-UL	
LCD Panel (LED Backlight)	B130KANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6088-UL	
LCD Panel (LED Backlight)	B133XTNZZZZ, B133XTTZZZZ (Z= any alphanumeric character or a dot or a blank)	E204356-A6089-UL	
LCD Panel (LED backlight)	B080EANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6091-UL	
LCD Panel (LED backlight)	M320DVNZZZZ, M320DANZZZZ, M315DANZZZZ, M300DANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6094-UL	
LCD Panel (LED Backlight)	B156HBZZ (Where Z may be 0-9, A-Z or blank)	E204356-A6095-UL	
LCD Panel (LED Backlight)	B156HWZZ (Where Z may be 0-9, A-Z or blank)	E204356-A6096-UL	
LCD Panel (LED Backlight)	G070VTNZZZZ, G070VVTZZZZ, G070STNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6097-UL	
LCD Panel (LED backlight)	B133ZAN#### (Where # may be any alphanumeric character or a dot or blank)	E204356-A6098-UL	
LCD Panel (LED Backlight)	B080UANZZZZ (Where Z may be any alphanumeric character or blank)	E204356-A6099-UL	
LCD Panel (LED Backlight)	M240HWZZ, M240HTNZZZZ, M240HTDZZZZ and M240HVNZZZZ (where Z may be any alphanumeric character or blank)	E204356-A6101-UL	
LCD Panel (LED Backlight)	M185XWZZ, M185XTNZZZZ (where Z may be any alphanumeric character or blank)	E204356-A6102-UL	
LCD Panel (LED backlight)	B101AWZZ, B101XTNZZZZ, B101XANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6103-UL	
27' LCD Panel (LED backlight)	M270DTRZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6104-UL	

File		Volume	Page	Date:
E204356	Index	X4	5	05-Nov-20

LCD Panel (LED backlight)	B173HTNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6108-UL	
35" LCD Panel (LED backlight)	M350QVRZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6109-UL	
LCD Panel (LED backlight)	B133XTFZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6110-UL	
LCD Panel	G070VWZZ (where Z may be any alphanumeric character or blank)	E204356-A6111-UL	
LCD Panel (LED backlight)	B133XTFZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6112-UL	
LCD Panel (LED Backlight)	1. G151EVNZZZZ 2. G154EVNZZZZ (Where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components)	E204356-A6113-UL	
LCD Panel (LED backlight)	B173QTNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6114-UL	
LCD Panel (LED backlight)	B173RTNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6115-UL	
LCD Panel (LED backlight)	B101QANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6116-UL	
15.6 " LCD Panel (LED backlight)	B156HABZZZZ, B156HAKZZZZ (Z= any alphanumeric character or a dot or a blank)	E204356-A6118-UL	
65" LCD Panel (LED backlight)	Q650QVFZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6119-UL	
LCD Panel (LED backlight)	B156XTKZZZZ (Where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components.)	E204356-A6120-UL	
LCD Panel (LED backlight)	G133HANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6121-UL	
14" LCD Panel (LED backlight)	B140HATZZZZ, B140HAKZZZZ, B140HABZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6122-UL	
LCD Panel (LED backlight)	G156HANZZZZ, G156HTNZZZZ, G156XTNZZZZ, G156XTTZZZZ	E204356-A6124-UL	

File		Volume	Page	Date:
E204356	Index	X4	6	05-Nov-20

	(where Z may be any alphanumeric character or a dot or blank for marketing purpose only, and no impact safety related constructions and critical components)		
LCD Panel (LED Backlight)	B101EVTZZZZ, B101EVNZZZZ, B101EANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6125-UL	
LCD Panel (LED Backlight)	G286HANZZZZ (Where Z may be any alphanumeric character or dot or blank)	E204356-A6126-UL	
LCD Panel (LED Backlight)	G240HVTZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6127-UL	
LCD Panel (LED backlight)	B135QANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6129-UL	
LCD Panel (LED backlight)	G104STNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6130-UL	
LCD Panel (LED backlight)	G104VNZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6131-UL	
LCD Panel (LED backlight)	G104XVNZZZZ (Where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components.)	E204356-A6132-UL	
LCD Panel (LED Backlight)	P280HVNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6133-UL	
LCD Panel (LED backlight)	1) G170EGZZ, G170ETNZZZZ 2) G170ETTZZZZ (Z May be any alphanumeric character or a dot or blank for marketing purpose)	E204356-A6134-UL	
LCD Panel (LED Backlight)	B116XWZZZZ, B116XTNZZZZ, B116XANZZZZ, B116XATZZZZ, B116HANZZZZ, B116HATZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6135-UL	
LCD Panel (LED Backlight)	B116XTTZZZZ, B116XTBZZZZ, B116XABZZZZ, B116XAKZZZZ, B116XTKZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6136-UL	
LCD Panel (LED Backlight)	B070ATNZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6137-UL	

File		Volume	Page	Date:
E204356	Index	X4	7	05-Nov-20

LCD Panel (LED Backlight)	B070EANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6138-UL	
LCD Panel (LED backlight)	P430HVNZZZZ, P430QVNZZZZ, P430HVFZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6141-UL	
LCD Panel (LED backlight)	G101EVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6142-UL	
LCD Panel (LED backlight)	G121XNZZ, where Z may be any alphanumeric character or blank for marketing purpose and no impact safety related construction and critical components	E204356-A6143-UL	
LCD Panel (LED backlight)	G121XTNZZZZ (Z = any alphanumeric character or blank)	E204356-A6144-UL	
19.0 inch LCD Panel (LED backlight)	G190SFZZ (Z = 0-9, A-Z or blank)	E204356-A6145-UL	
LCD Panel (LED backlight)	G156XWZZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6146-UL	
LCD Panel (LED backlight)	P366IVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6147-UL	
23.6 inch LCD Panel (LED backlight)	P236QATZZZZ, P236QACZZZZ (Z = any alphanumeric character or a dot or blank)	E204356-A6148-UL	
27 inch LCD Panel (LED backlight)	P270HVNZZZZ (Z = any alphanumeric character or a dot or blank)	E204356-A6149-UL	
LCD Panel (LED backlight)	G057QNZZ, G057QTNZZZZ (Z may be any alphanumeric character or a dot or blank)	E204356-A6150-UL	
50 inch LCD Panel (LED backlight)	T500QVFZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6151-UL	
LCD Panel (LED backlight)	G120YATZZZZ, G120YANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6153-UL	
LCD Panel (LED backlight)	G084SNZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6154-UL	
LCD Panel (LED backlight)	G050VTNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6155-UL	
LCD Panel (LED backlight)	G057VNZZ, G057VTNZZZZ (where Z may be any alphanumeric character or dot or blank) (for marketing purpose	E204356-A6156-UL	

File		Volume	Page	Date:
E204356	Index	X4	8	05-Nov-20

	only, and no impact safety related constructions and critical components)		
LCD Panel (LED backlight)	G101UANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6158-UL	
LCD Panel (LED backlight)	G173HWZZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6159-UL	
LCD Panel	A070STNZZZZ, A070VTNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6160-UL	
LCD Panel (LED Backlight)	G101STNZZZZ, G101STTZZZZ (Where Z may be any alphanumeric character or a dot or blank for marketing purpose and no impact safety related critical components and constructions.)	E204356-A6161-UL	
LCD Panel (LED backlight)	T850QVFZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6163-UL	
LCD Panel (LED backlight)	P420HWZZ, P420HVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6164-UL	
LCD Panel (LED backlight)	G156HABZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6165-UL	
LCD Panel (LED backlight)	G230HANZZZZ (Where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components.)	E204356-A6166-UL	
LCD Panel (LED backlight)	G104SNZZ (where Z may be any alphanumeric character or blank)	E204356-A6167-UL	
LCD Panel (LED backlight)	G229HANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6169-UL	
LCD Panel (LED backlight)	P280IVNZZZZ, P286IVNZZZZ, P294IVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6170-UL	
LCD Panel (LED backlight)	G116ZAN####, G116ZAT#### (where # may be any alphanumeric character or a dot or blank)	E204356-A6171-UL	
LCD Panel (with/without LED backlight)	P500HVFZZZZ, P500HVNZZZZ, P500QVFZZZZ (where Z may	E204356-A6172-UL	

File		Volume	Page	Date:
E204356	Index	X4	9	05-Nov-20

	be any alphanumeric character or a dot or blank)		
55" Dual Side LCD Panel (LED backlight)	P550HVN04ZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6173-UL	
LCD Panel (LED backlight)	P550HVFZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6174-UL	
LCD Panel (LED backlight)	1. P550QVNZZZZ 2. P550QVFZZZZ (Where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components.)	E204356-A6175-UL	
LCD Panel (without backlight)	P650HVFZZZZ (where Z may be any alphanumeric character or a dot or blank) (For marketing purpose only, and no impact safety related constructions and critical components.)	E204356-A6176-UL	
LCD Panel (LED backlight)	(1) G121EANZZZZ (2) G121EATZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6177-UL	
LCD Panel (LED backlight)	G121SNZZ, G121STNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6178-UL	
LCD Panel (LED backlight)	P650HVNZZZZ (where Z may be any alphanumeric character or blank)	E204356-A6179-UL	
LCD Panel (LED backlight)	G240UANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6180-UL	
LCD Panel (LED backlight)	G133ZAN####, G133ZAT#### (where # may be any alphanumeric character, a dot or blank)	E204356-A6181-UL	
LCD Panel (LED backlight)	G185HANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6182-UL	
LCD Panel (LED backlight)	G121UANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6183-UL	
LCD Panel (LED backlight)	T430QVFZZZZ, T430HVFZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6184-UL	
LCD Panel (LED backlight)	1. T430HVF06.# 2. CY-JN043BGAB##	E204356-A6185-UL	

File		Volume	Page	Date:
E204356	Index	X4	10	05-Nov-20

	(where # may be any alphanumeric character or a dot or blank).		
LCD Panel (LED backlight)	G320ZANZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6186-UL	
LCD Panel (LED backlight)	P420IVNZZZZZ (Where Z may be any alphanumeric character or a dot or blank)	E204356-A6187-UL	
LCD Panel (LED backlight)	P566KVNZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6188-UL	
LCD Panel (LED backlight)	T500QVRZZZZ (where Z may be any alphanumeric character or blank)	E204356-A6189-UL	
LCD Panel (LED backlight)	T500HVNZZZZ, T500HVDZZZZ, T500HVFZZZZ, T500HVJZZZZ (Z=any alphanumeric character or a dot or blank)	E204356-A6190-UL	
LCD Panel (LED backlight)	T750QVFZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6191-UL	
LCD Panel (LED backlight)	T420HWZZ, T420HVNZZZZ, T420HVDZZZZ, T420HVFZZZZ, T420HVJZZZZ (Z = any alphanumeric character or a dot or blank)	E204356-A6192-UL	
55" LCD Panel (LED backlight)	T546HWZZ, T550HVNZZZZ, T550HVDZZZZ, T550HVJZZZZ (where Z may be any alphanumeric character, a dot or blank)	E204356-A6193-UL	
64.5" LCD Panel (LED backlight)	T645HFZZ, T650HVJZZZZ, T650HVFZZZZ (where Z may be any alphanumeric character, a dot or blank)	E204356-A6194-UL	
65" LCD Panel (LED backlight)	T650QVNZZZZ, T650QVDZZZZ, T650QVJZZZZ, T650QVFZZZZ, T650QVRZZZZ (where Z may be any alphanumeric character, a dot or blank)	E204356-A6195-UL	
LCD Panel (LED backlight)	G185XWZZZZZ (where Z may be 0-9, A-Z or blank) (for marketing purpose only, and no impact safety related constructions and critical components).	E204356-A6196-UL	
LCD Panel (LED backlight)	P290IANZZZZ (where Z may be any alphanumeric character or a dot or blank)	E204356-A6197-UL	

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2003649-0
Report Reference E204356-A6177-UL
Date 11-Nov-2020

Issued to: AU OPTRONICS CORP
1 LI-HSIN RD 2
HSINCHU SCIENCE PARK HSINCHU
Taiwan 300

This is to certify that representative samples of AZOT8 - Audio/Video, Information and Communication Technology Equipment Certified for Canada - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 NO. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2003649-0
Report Reference E204356-A6177-UL
Date 11-Nov-2020

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
G121EANZZZZ, Where Z may be any alphanumeric character or a dot or blank.	LCD Panel (LED backlight)
G121EATZZZZ, Where Z may be any alphanumeric character or a dot or blank.	LCD Panel (LED backlight)



Bruce Mahrenholz, Director North American Certification Program

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2005286-0
Report Reference E204356-A6177-UL
Date 11-Nov-2020

Issued to: AU OPTRONICS CORP
1 LI-HSIN RD 2
HSINCHU SCIENCE PARK HSINCHU
Taiwan 300

This is to certify that representative samples of AZOT2 - Audio/Video, Information and Communication Technology Equipment - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 62368-1, 2nd Ed., Issue Date: 2014-12-01

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2005286-0
Report Reference E204356-A6177-UL
Date 11-Nov-2020

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
G121EANZZZZ, Where Z may be any alphanumeric character or a dot or blank.	LCD Panel (LED backlight)
G121EATZZZZ, Where Z may be any alphanumeric character or a dot or blank.	LCD Panel (LED backlight)



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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UL TEST REPORT AND PROCEDURE

Standard:	UL 62368-1, 2nd Ed, 2014-12-01 (Audio/video, information and communication technology equipment Part 1: Safety requirements) CAN/CSA C22.2 No. 62368-1-14, 2nd Ed, Issued: 2014-12-01 (Audio/video, information and communication technology equipment Part 1: Safety requirements)
Certification Type:	Component Recognition
CCN:	AZOT2, AZOT8 (Audio/video, Information and Communication Technology Equipment)
Complementary CCN:	N/A
Product:	LCD Panel (LED backlight)
Model:	(1) G121EANZZZZ (2) G121EATZZZZ (where Z may be any alphanumeric character or a dot or blank)
Rating:	(Optional) (1) 12.0Vdc, 0.5A (2) 12.0Vdc, 0.41A
Applicant Name and Address:	AU OPTRONICS CORP 1 LI-HSIN RD 2 HSINCHU SCIENCE PARK HSINCHU 300 TAIWAN

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of UL LLC ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Prepared By: Pony Ma / Project Handler

Reviewed By: Scott Chane / Reviewer

Supporting Documentation

The following documents located at the beginning of this Procedure supplement the requirements of this Test Report:

A. Authorization - The Authorization page may include additional Factory Identification Code markings.

B. Generic Inspection Instructions -

- i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report.
- ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report.
- iii. Part AF details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

Product Description

The equipment under test (EUT) is a Color TFT LCD module with LED type LCD Backlight unit and panel control board with LED driver circuit or LED driver board installed for backlight, intended to use in information technology equipment. There are two set of rating (19.0Vdc, 17.5A max. for LED driver board; 2.5A max. for control board) and has alternative construction for panel control board, shape of metal frame and metal chassis.

Model Differences

All models are identical except for mode designation, rating, using panel control board or LED driver board and shape of metal frame or metal chassis.

Test Item Particulars

Classification of use by	To be determined in end product
Supply Connection	External Circuit - not Mains connected ES1
Supply % Tolerance	None
Supply Connection – Type	To be determine in end product
Considered current rating of protective device as part of building or equipment installation	N/A
Equipment mobility	for building-in
Over voltage category (OVC)	other: No mains connection
Class of equipment	Class III
Access location	N/A
Pollution degree (PD)	PD 2
Manufacturer's specified maximum operating ambient (°C)	85
IP protection class	IPX0
Power Systems	N/A
Altitude during operation (m)	5000 m
Altitude of test laboratory (m)	2000 m or less
Mass of equipment (kg)	Approximate 0.48 kg for model G121EANZZZZ; 0.9 kg for model G121EATZZZZ

Technical Considerations

- ☐ The product was submitted and evaluated for use at the maximum ambient temperature (Tma) permitted by the manufacturer's specification of : 85°C
- ☐ The product is intended for use on the following power systems : No direct connection
- ☐ Mains supply tolerance (%) or absolute mains supply values : No direct connection
- ☐ The Risk Group of a lamp or lamp system (including LEDs) is : Exempt
- ☐ The following are available from the Applicant upon request : Product specification
- ☐ The product was investigated to the following additional standard : EN 62368-1:2014 + A11:2017, UL 62368-1 2ND Ed, Issued December 1, 2014, CSA CAN/CSA-C22.2 NO. 62368-1 2nd Ed, Issued December 1, 2014, AS/NZS 62368.1:2018

Engineering Conditions of Acceptability

For use only in or with complete equipment where the acceptability of the combination is determined by UL LLC. When installed in an end-product, consideration must be given to the following:

- ☐ The following output circuits are at ES1 energy levels : Output of LED driver board
- ☐ The investigated Pollution Degree is : 2
- ☐ The following end-product enclosures are required : Fire, Mechanical
- ☐ The supply source shall be ES1.
- ☐ Classification of PIS has not been conducted. Therefore, all electrical components were assumed to be resistive PIS.
- ☐ This component has been evaluated in "control of fire spread" method assuming appropriate fire enclosure is provided in end product.
- ☐ The touch temperature for Panel Surface shall be evaluated in end product.

Additional Information

This report is issued based on previously issued by UL Demko, CB Test Report Reference No.: E204356-4789251231-2 Original, CB Test Certificate Ref. No. DK-XXXXX-UL in which the equipment was fully investigated to IEC 62368-1. Based on the review of previously conducted testing and the product technical documentation including photos, schematics, wiring diagrams, etc. , it has been determined that the product complies with the IEC 62368-1.

No test was performed in original report.

Additional Standards

The product fulfills the requirements of: EN 62368-1:2014 + A11:2017, UL 62368-1 2nd Edition, Issued December 1, 2014, CSA CAN/CSA-C22.2 No. 62368-1 2nd Edition, Issued December 1, 2014, AS/NZS 62368.1: 2018

Markings and Instructions

Clause Title	Marking or Instruction Details
Equipment identification marking – Manufacturer identification	Listee's or Recognized companys name, Trade Name, Trademark or File Number
Equipment identification marking – model identification	Model Number

Special Instructions to UL Representative

N/A

BD1.0	TABLE: Production-Line Testing Requirements					
BD1.1	Electric Strength Test Special Constructions – Refer to Generic Inspection Instructions, Part AC for further information.					
Model	Component	Removable parts	Test probe location	Test V rms	Test V dc	Test Time, s
N/A	--	--	--	--	--	--
BD1.2	Earthing Continuity Test Exemptions – This test is not required for the following models:					
	All models					
BD1.3	Electric Strength Test Exemptions – This test is not required for the following models:					
	All models					
BD1.4	Electric Strength Test Component Exemptions – The following solid-state components may be disconnected from the remainder of the circuitry during the performance of this test.					
	N/A					

BE1.0	Sample and Test Specifics for Follow-Up Tests at UL				
Model	Component	Material	Test	Sample (s)	Test Specifics
N/A	--	--	--	--	--

4.1.2	TABLE: List of critical components					Pass
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Product Category CCN(s)	Mark(s) of conformity	Supplement ID
S01. Internal Wirings (Optional)	Interchangeable	Interchangeable	FEP, PTFE, PVC, TFE, neoprene, polyimide or rated VW-1; minimum 30 V, 105 degree C.	AVLV2	UL	
S02. Connectors and Receptacles (ES1/ES2 circuits)	Interchangeable	Interchangeable	--	ECBT2, RTRT2	UL	
S02a. Connectors and Receptacles (ES1/ES2 circuits) (alternate)	Interchangeable	Metal/ Plastic	Copper alloy pins housed in bodies of plastic rated V-2 min.	QMFZ2	UL	
S03. Flexible PWB (Optional)	Interchangeable	Interchangeable	Rated V-2 minimum or VTM-2 minimum, when no components mounted on surface; If components mounted on surface, it should be minimum V-1 or VTM-1, 80 degree C	ZPXK2, ZPMV2	UL	
S03a. Flexible PWB (Optional) (Alternative)	Interchangeable	Interchangeable	Rated V-2 minimum or VTM-2 minimum, when no components mounted on surface, 80 degree C	QMFZ2, QMTS2	UL	
S04. Mylar / Tape (Optional)	Interchangeable	Interchangeable	Rated V-2 minimum or VTM-2 minimum	QMFZ2	UL	
01. LCD Panel for control board	Interchangeable	Interchangeable	TFT-LCD Type, 12.1 inches.	--	--	
02. Enclosure / Chassis	Interchangeable	Interchangeable	Steel Metal or Aluminum	--	--	
03. PWB for LCD Panel	Interchangeable	Interchangeable	Minimum V-1 or better, 105 degree C.	ZPMV2	UL	

04. Label	Interchangeable	Interchangeable	Minimum 95 degree C	PGDQ2 or PGJI2	UL	
05. LED drive Board	AU Optronics Corp.	12G05-CXX (X may be 0-9, A-Z or blank, except for 12G05-C06)	Rating: 12 Vdc, 0.5 A Type.	--	--	
05a. LED drive Board (Alternate)	AU Optronics Corp.	12G05-C06	Rating: 12 Vdc, 0.41 A Type.	--	--	

Enclosures

Type	Supplement Id	Description
Photographs	03-01	Front view
Photographs	03-02	Rear view -1
Photographs	03-03	Rear view -2
Photographs	03-04	PCB
Photographs	03-05	Front view with alternative LED driver board 12G05-C06
Photographs	03-06	Rear view with alternative LED driver board 12G05-C06 - 1
Photographs	03-07	Rear view with alternative LED driver board 12G05-C06 - 2
Photographs	03-08	LED driver board 12G05-C06
Diagrams	04-01	Enclosure Diagram

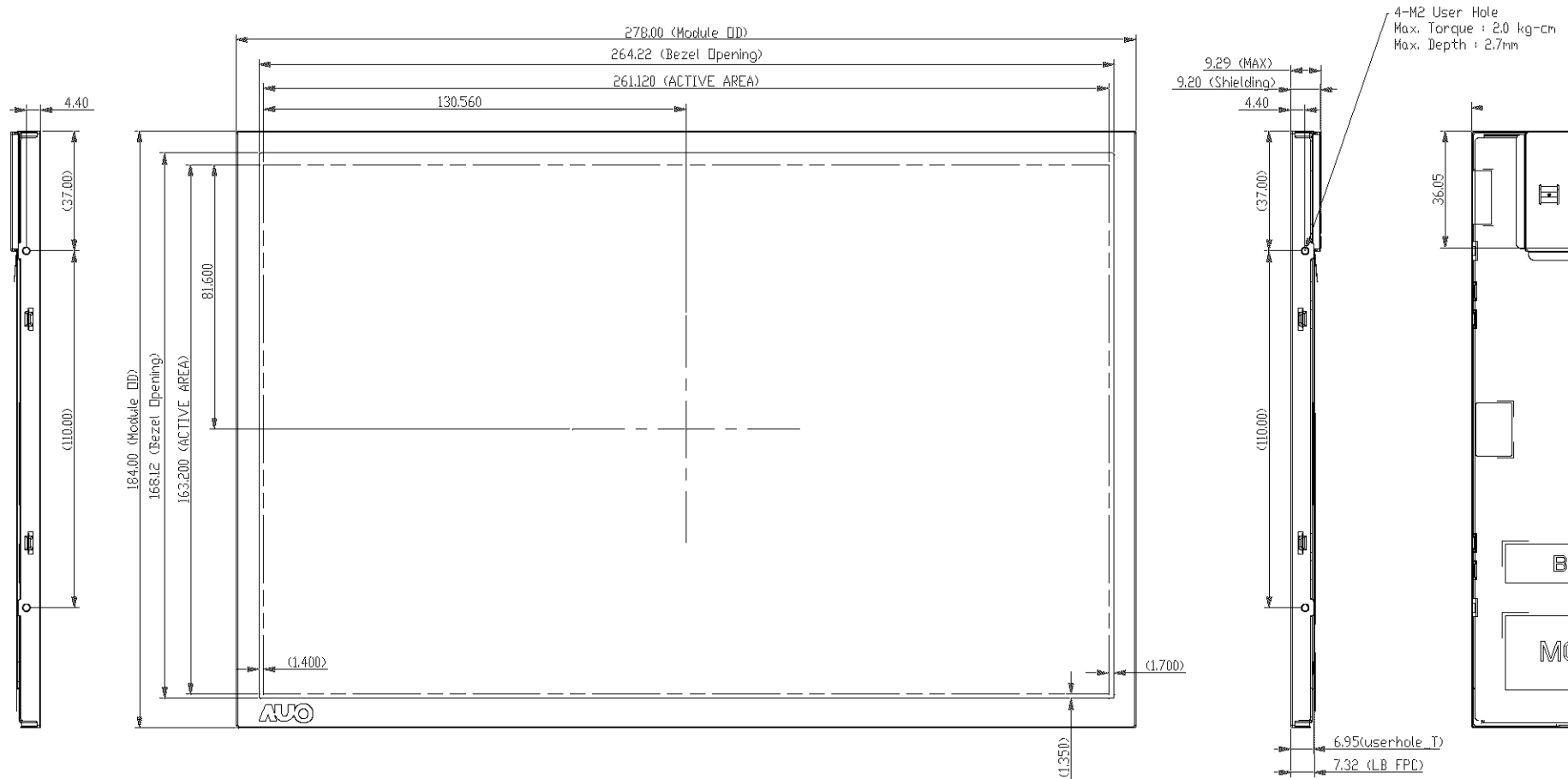
The following Page(s) are related to Diagrams-01. The next supplement, if applicable, will be identified with a new Supplement Page Heading.



G121EAN01.0

8. Mechanical Characteristics

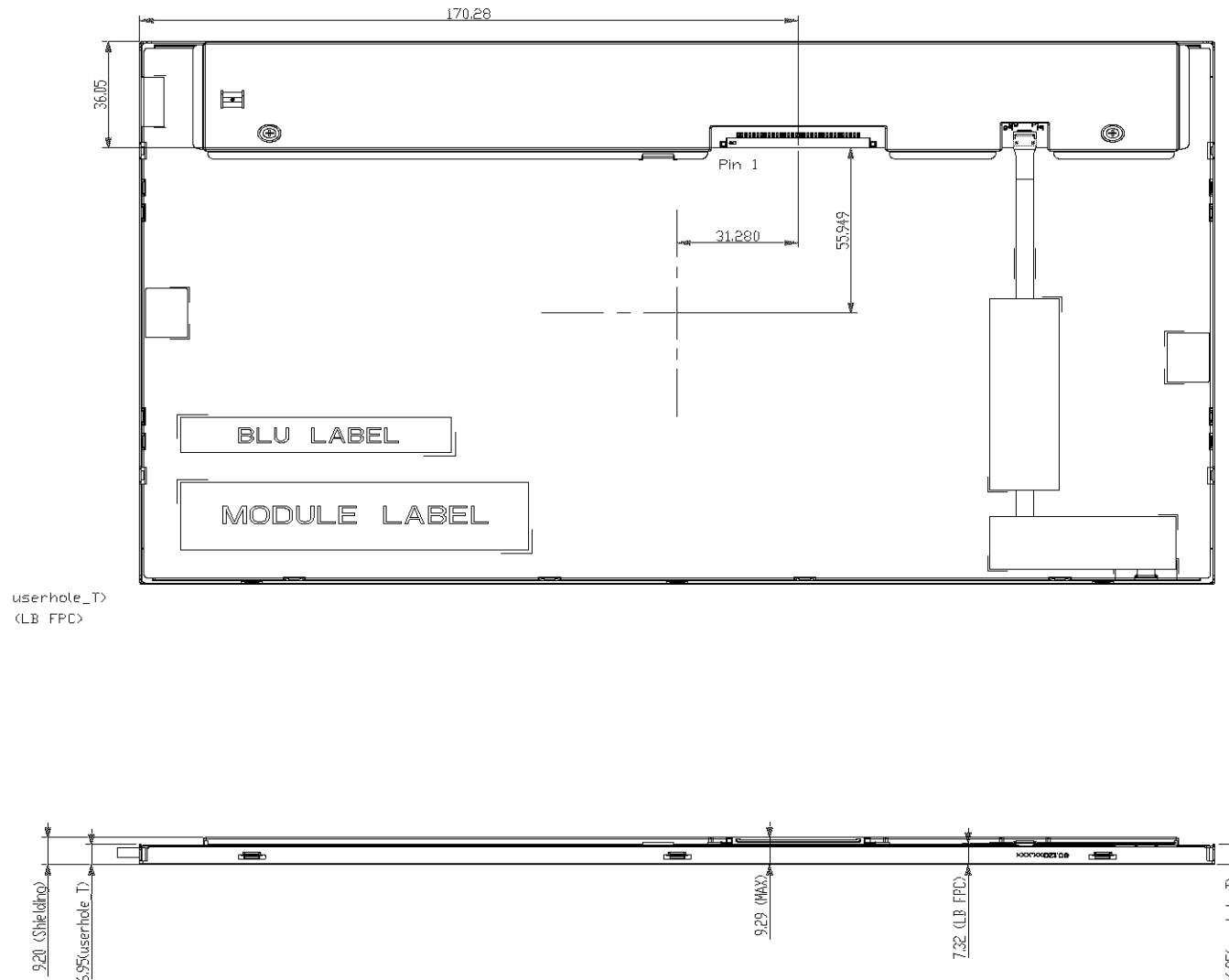
8.1 LCM Outline Dimension (Front View)

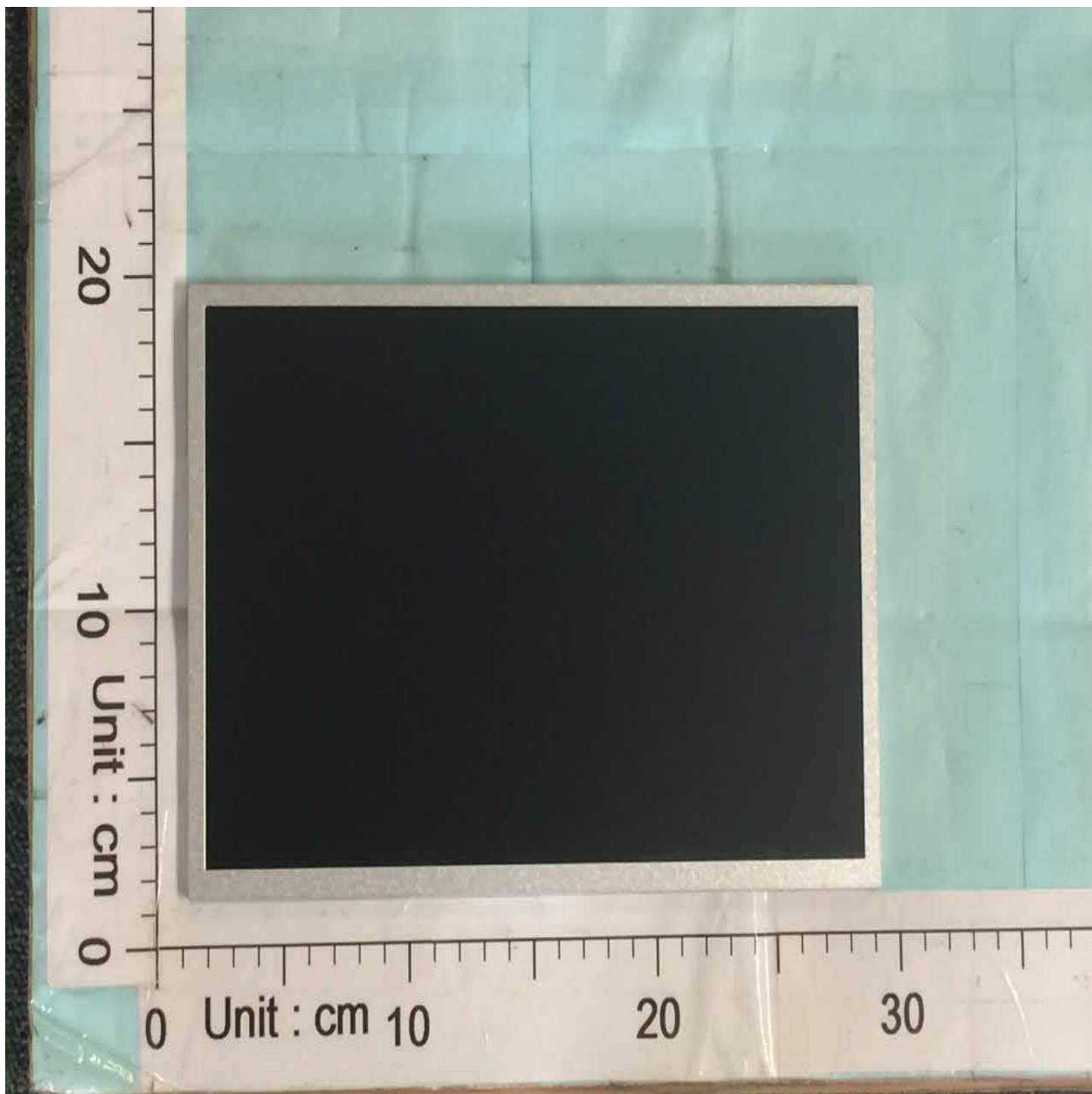


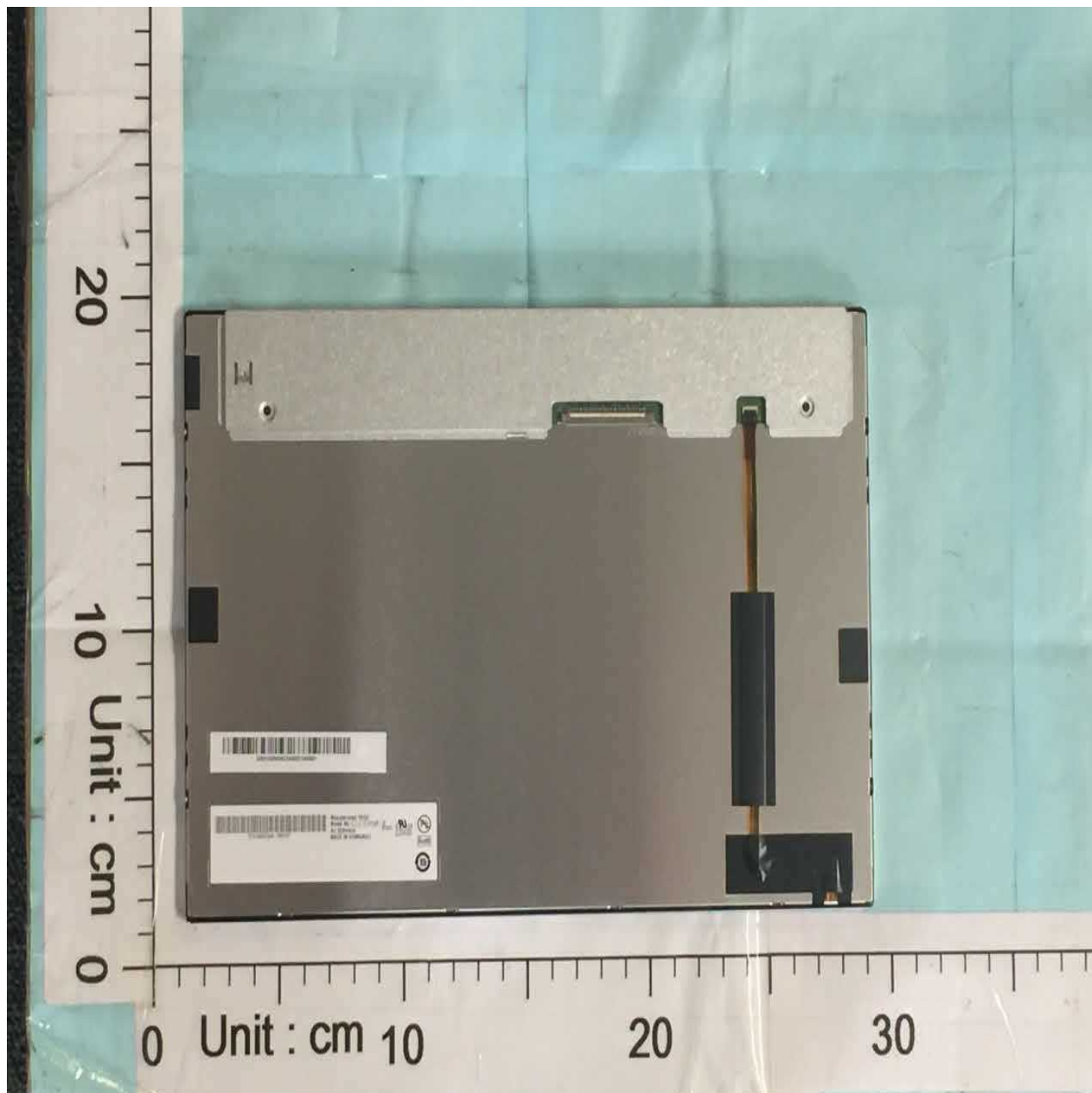


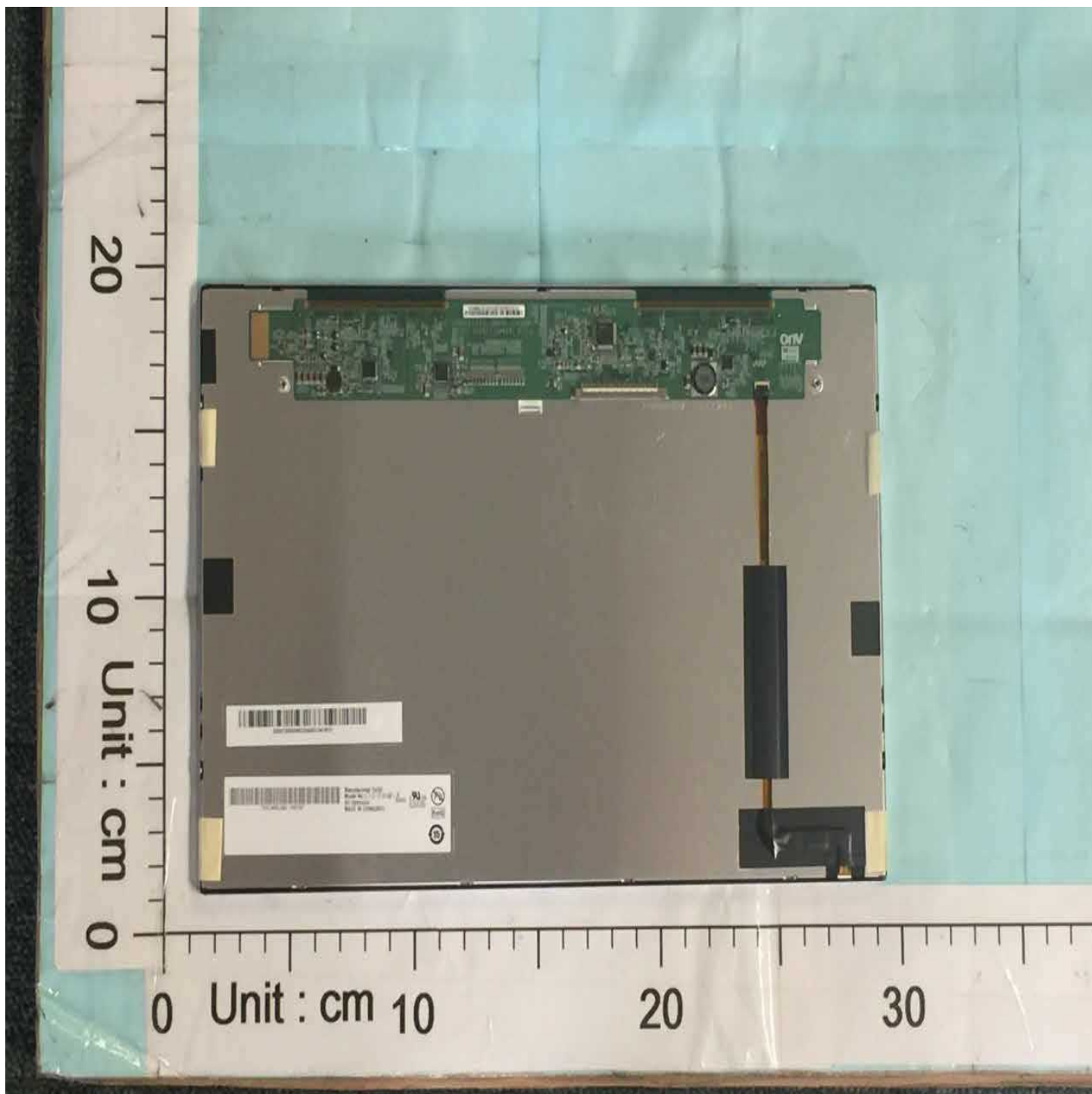
G121EAN01.0

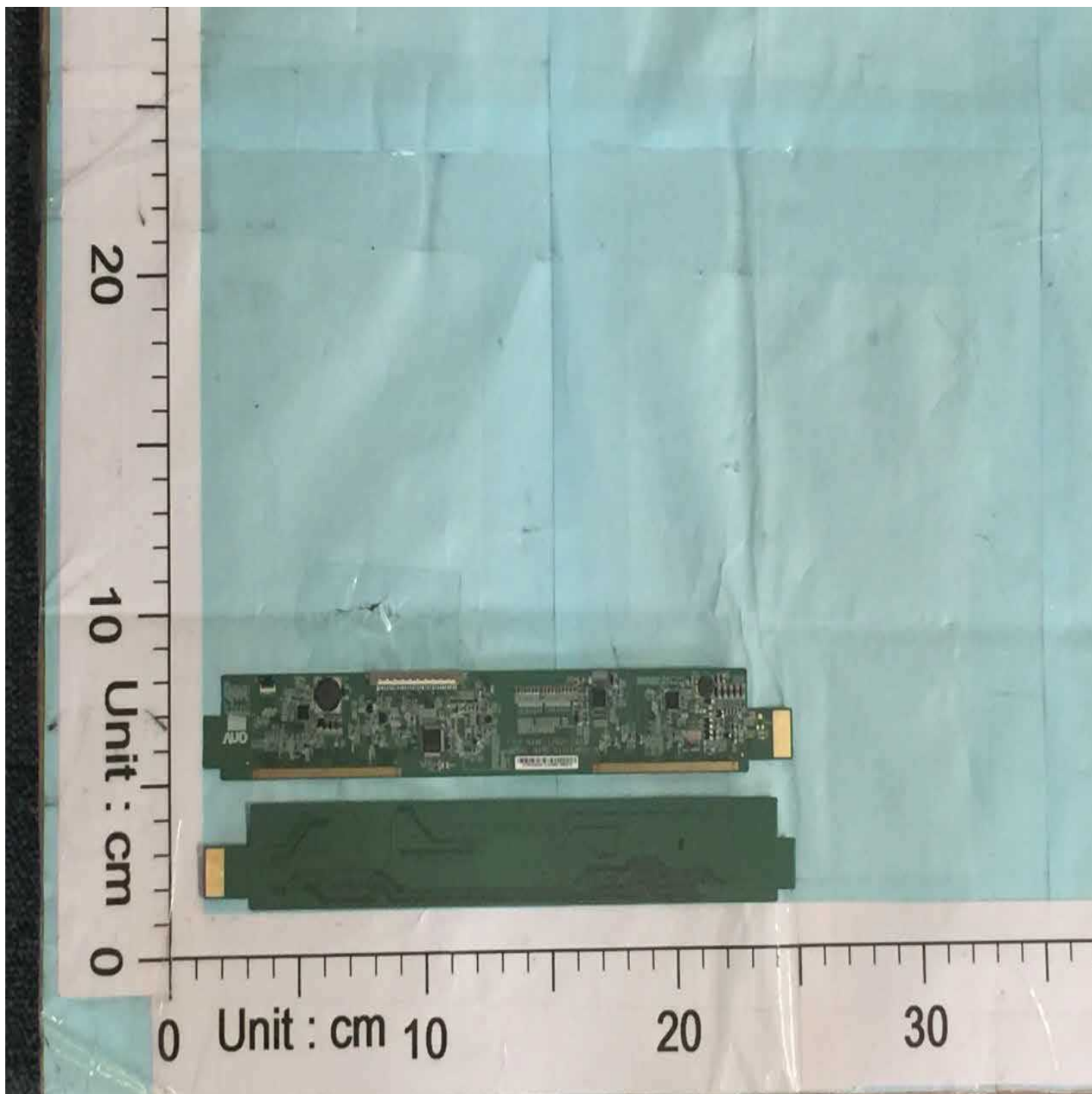
8.2 LCM Outline Dimension (Rear View)

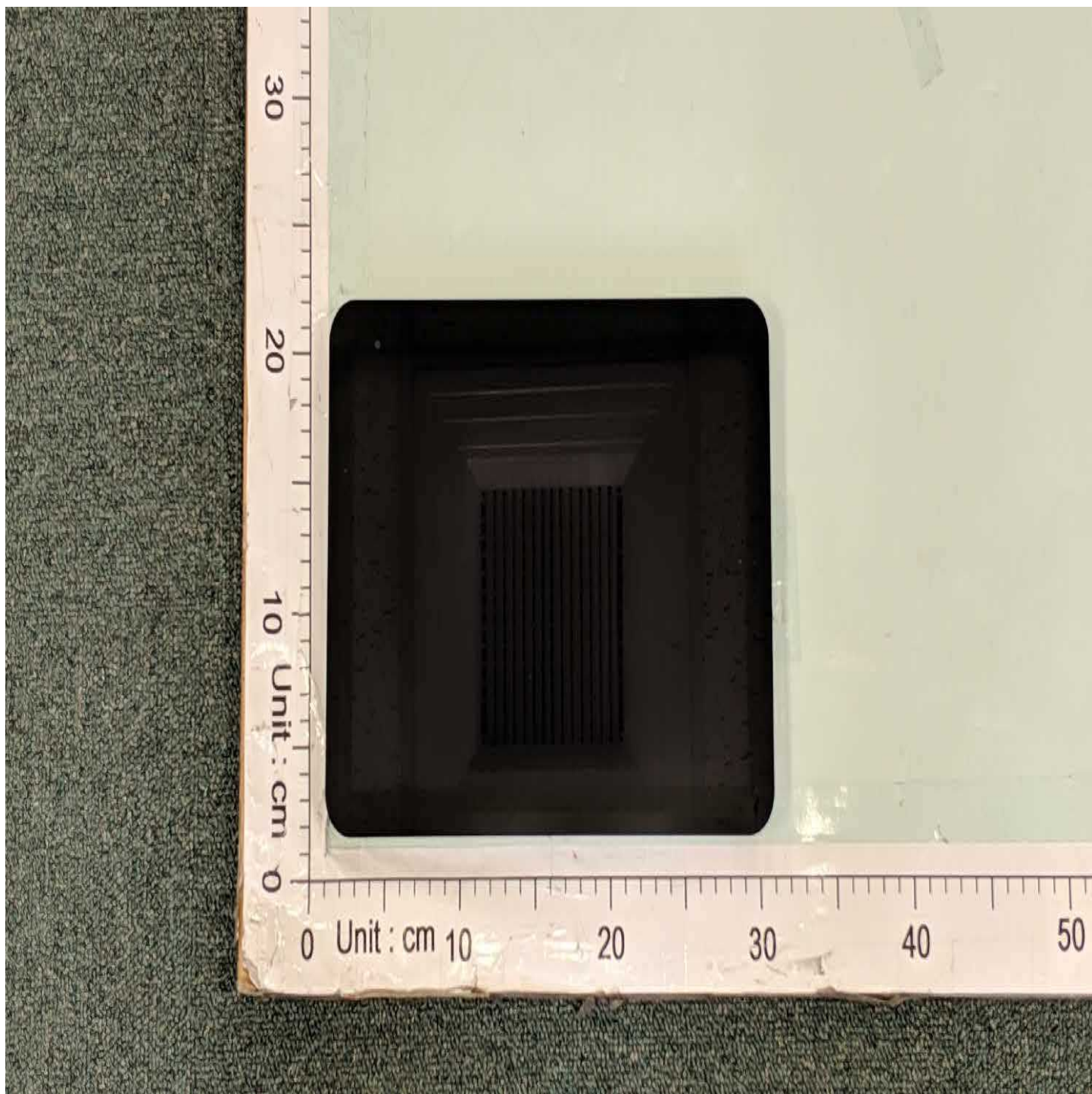




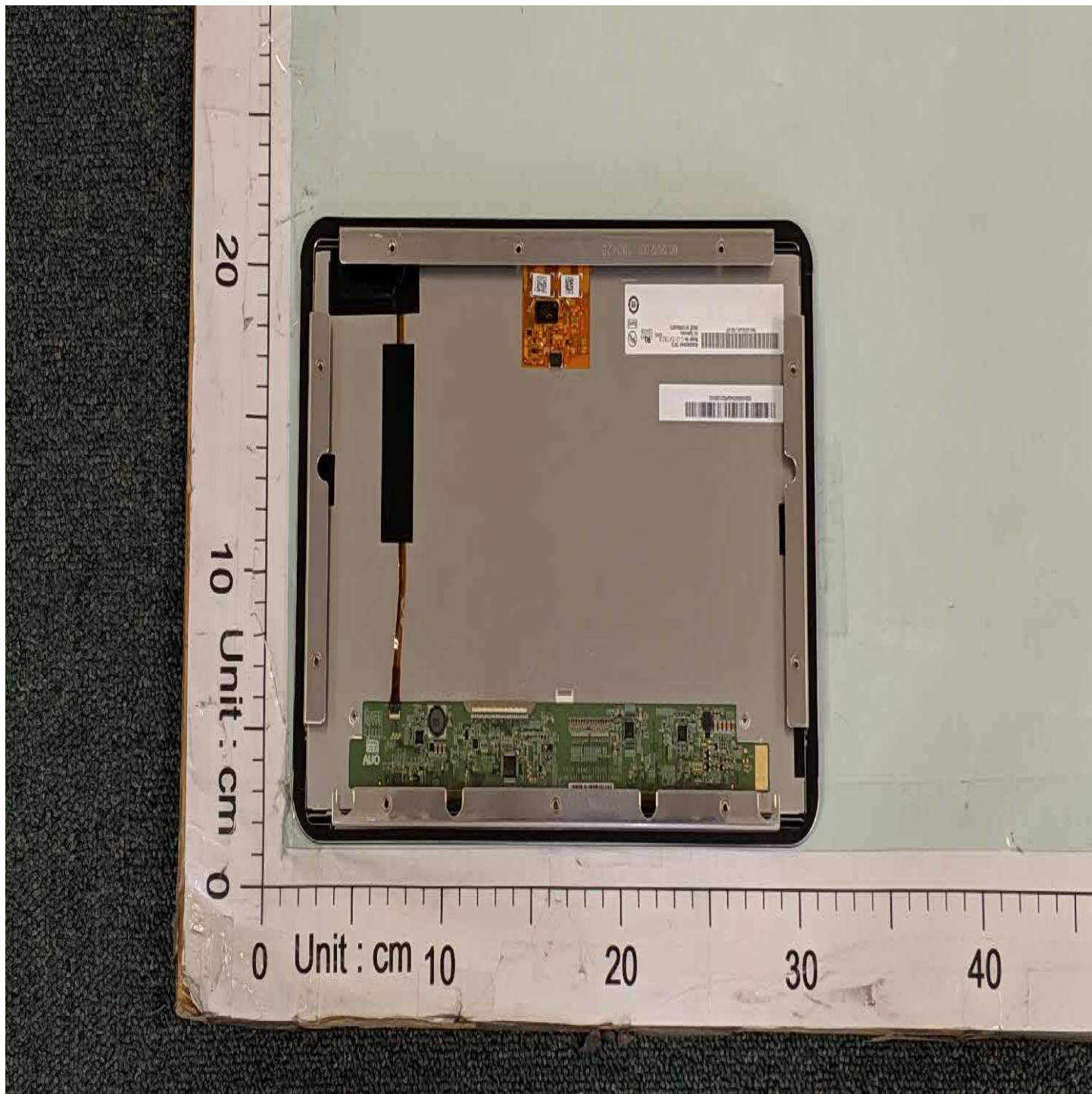


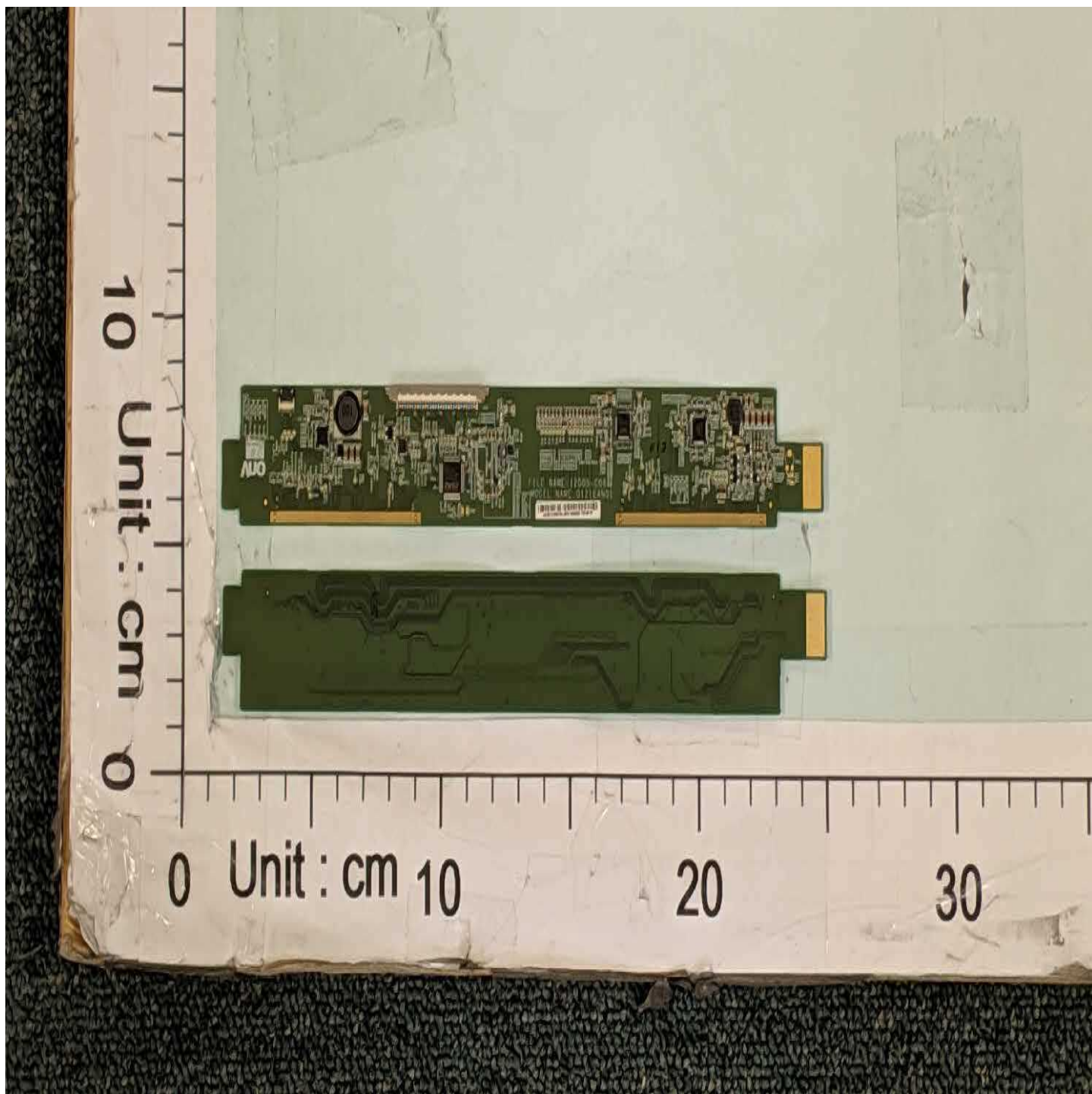












Test Record No. 1

- The manufacturer submitted representative production sample of LCD Panel (LED backlight), Models G121EANZZZZ, G121EATZZZZ (where # may be any alphanumeric character or a dot or blank) for investigation.
- Refer the CB Scheme Test Report Ref. No. E204356-4789251231-2 Original, dated 2020-10-06 for relative test results, CB Scheme Test Certificate Ref. No. DK-103857-UL dated 2020-10-06 and Report were prepared by UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK.

The following tests were conducted:

Tests performed (name of test and test clause):	Testing location: Underwriters Laboratories Taiwan Co., Ltd., 260 Da-Yeh Road, 112 Peitou Taipei City, Chinese Taipei
The following tests were waived:	Rationale for Waiving
CLASSIFICATION OF ELECTRICAL ENERGY SOURCES (5.2, 5.7)	Refer to CB report
MAXIMUM OPERATING TEMPERATURE FOR MATERIALS, COMPONENTS AND SYSTEMS (5.4.1.4, 6.2, 9.2.5 ANNEX B.2)	Refer to CB report
INPUT TEST: POLYPHASE (B.2.5)	Refer to CB report

Test results are valid only for the tested equipment. These tests are considered representative of the products covered by this Test Report. The test methods and results of the above tests have been reviewed and found to be in accordance with the requirements in the Standard(s) referenced at the beginning of this Test Report.

The following supplements are provided as part of this Test Record. NOTE: These supplements are only available to the Applicant via the myUL™ Client Portal.

Type	Supplement Id	Description
Attachment	02-01	CRD