Shenzhen Leadtek Technology Co.,Ltd

Sample inspection report

Client's name:_____ **Model:** LTK050H31FPW12-15QC-V0 **QTY:** 1pcs **Date:** 2022. 09.21

1、Structural dimension measurement（unit：mm）.

Measurement item	Specification Value	Max size	Mix size	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Determination	Measuring tools
Frame length	264.00	264.15	263.85	263.95	/	/	/	/	■OK □NG	Vernier caliper
Frame width	149.00	149.15	148.85	149.08	/	/	/	/	■OK □NG	Vernier caliper
Total thickness	6.56	6.68	6.44	6.53	/	/	/	/	■OK □NG	Vernier caliper
Other										

2、External inspection（Inspection tools：visual、microscope）.

Test items	Determination	NG improvement plan	Responsible	Complete time
LCD/TP appearance	■OK □NG/reason：			
POL appearance	■OK □NG/reason：			
Fitting/Assembly Effect	■OK □NG/reason：			
BL/TP welding	■OK □NG/reason：			
BL Spray coding	■OK □NG/reason：			
Excipients	■OK □NG/reason：			
Other				

3、Functional test（test tools：test fixtures）.

Test items	Determination	NG improvement plan	Responsible	Complete time
LCD display	■OK □NG/reason：			
TP touch	■OK □NG/reason：			
BL black and white dots	■OK □NG/reason：			
Light leakage	■OK □NG/reason：			
window offset	■OK □NG/reason：			
High Current	■OK □NG/reason：			
Other				

4、Optical measurement（test tools：CA-310）.

Specifications	LCM chromaticity standard range: X =0.2900±0.03，Y =0.3100±0.03;; Brightness standard range: Lv≥ 280cd/m²														
Sampling screen	Sample 1			Sample 2			Sample 3			Sample 4			Sample 5		
White screen	X	Y	Lv	/	/	/	/	/	/	/	/	/	/	/	/
point1	0.2976	0.3318	593	/	/	/	/	/	/	/	/	/	/	/	/
point2	0.2959	0.3312	608	/	/	/	/	/	/	/	/	/	/	/	/
point3	0.2941	0.3272	537	/	/	/	/	/	/	/	/	/	/	/	/
point4	0.3008	0.3356	620	/	/	/	/	/	/	/	/	/	/	/	/
point5	0.2969	0.3314	580	/	/	/	/	/	/	/	/	/	/	/	/
Avarage	0.2971	0.3314	588	/	/	/	/	/	/	/	/	/	/	/	/
Overall evaluation of optical parameters: ■ OK □NG/reason：															

Reporter/Date: Green 2022.09.21 **Review/Date:** Jona 2022.09.21