Shenzhen Leadtek Technology Co.,Ltd

Sample inspection report

Client's name:_____ **Model:** LTK020QVHLM01-V0 **QTY:** 4pcs **Date:** 2022. 09.27

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	51.55	51.75	51.35	51.46	51.48	51.48	51.47	/	■OK □NG	Vernier caliper
Frame width	36.05	36.25	35.85	35.97	35.98	36.00	35.99	/	■OK □NG	Vernier caliper
Total thickness	2.2	2.35	2.05	2.18	2.19	2.19	2.20	/	■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	/			
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 =0.2982±0.03，Y =0.3228±0.03;; Brightness standard range: Lv≥860cd/m²														
Sampling screen	Sample 1			Sample 2			Sample 3			Sample 4			Sample 5		
White screen	X	Y	Lv	X	Y	Lv	X	Y	Lv	X	Y	Lv	X	Y	Lv
point1	0.2936	0.3148	900	0.2960	0.3155	870	0.2951	0.3153	889	0.2962	0.3177	881	/	/	/
point2	0.2973	0.3194	882	0.2971	0.3241	845	0.2966	0.3184	881	0.2988	0.3223	863	/	/	/
point3	0.3022	0.3236	851	0.3011	0.3231	854	0.3001	0.3268	862	0.3001	0.3234	870	/	/	/
point4	0.3016	0.3247	916	0.2980	0.3220	848	0.3011	0.3259	902	0.2995	0.3253	888	/	/	/
point5	0.2964	0.3214	865	0.2991	0.3175	890	0.2968	0.3246	877	0.2989	0.3213	890	/	/	/
Avarage	0.2982	0.3208	883	0.2983	0.3204	861	0.2979	0.3222	882	0.2987	0.3220	878	/	/	/
Overall evaluation of optical parameters: ■ OK □NG/reason：															

Reporter/Date: Green 2022.09.27 **Review/Date:** Tom 2022.09.27