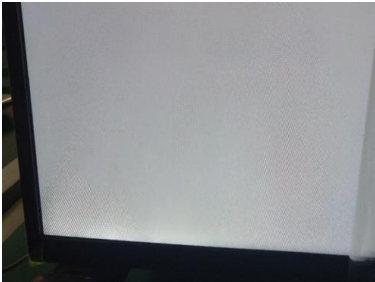
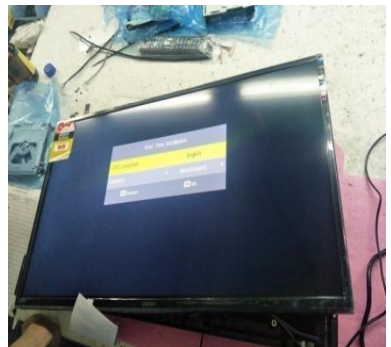
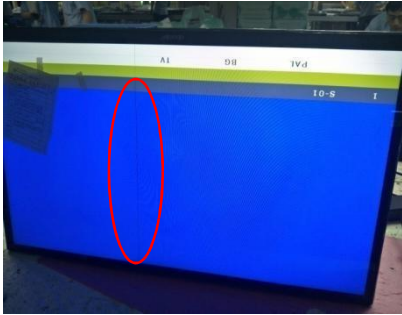


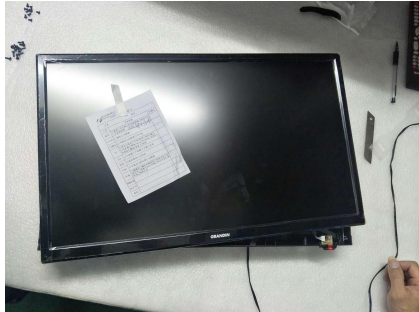
No.	Case information	Picture
1	<u>Defective phenomenon</u> : Leakage of light <u>Reason analysis</u>: Operation problem, the middle frame and the hardware backboard buckle is not in place, resulting in leakage of light. <u>Maintenance measure</u> 1. Disassemble the machine and lock the buckle between the middle frame and the hardware backboard to the right position;	
2	<u>Defective phenomenon</u> : Shadow <u>Reason analysis</u> : 1. Checked the light guide plate, and the assembly of the light guide plate has been put in place; 2. Checked the light bar, and found that the light bar was not pressed in place, and the light bar was higher than the edge of the backboard. <u>Maintenance measure</u> 1. Removed the light bar which was not pressed in place; 2. Reattached the light bar to the edge of the backboard and pressed it in place. The edge of the light bar should not be higher than the edge of the backboard.	
3	<u>Defective phenomenon</u> : Bright spot <u>Reason analysis</u> 1. Checked the BEF, no foreign matter in the film; 2. Checked the light guide plate, there were white spots on the light guide plate. <u>Maintenance measure</u> 1. Disassembled the screen and removed the white spots on the light guide plate with the masking tape; 2. Replaced the light guide plate if it cannot be removed.	

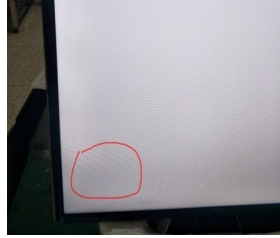
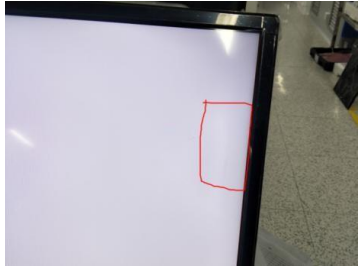
4	<u>Defective phenomenon</u> : Shadow on the ground side <u>Reason analysis</u> : Caused by Reflector plate arching ; <u>Maintenance measure</u> 1.Disassembled the machine, and pressed the reflector plate so that the LED was completely exposed to the reflector.	
5	<u>Defective phenomenon</u> : Grey screen <u>Reason analysis</u> : Checked the LVDS cable, and the LVDS cable was inserted backwards. <u>Maintenance measure</u> : Disassembled the machine and inserted the LVDS in place.	
6	<u>Defective phenomenon</u> : The light of IR board no working <u>Reason analysis</u> : Checked the IR board/key board, and the cable of IR board/key board was not inserted in place <u>Maintenance measure</u> : disassembled the machines and inserted the cable of IR board/key board in place.	
7	<u>Defective phenomenon</u> : Key board no working <u>Reason analysis</u> : 1. Checked the cable of IR board/key board, and IR board/key board was inserted in place 2. Replaced the key board, and key board worked. Thus reason lies on deficient purchase. <u>Maintenance measure</u> : disassembled the machines and replaced the key board	

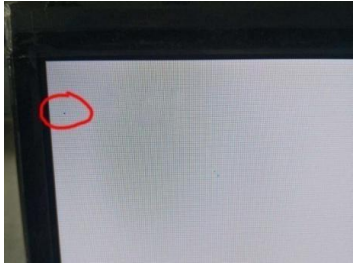
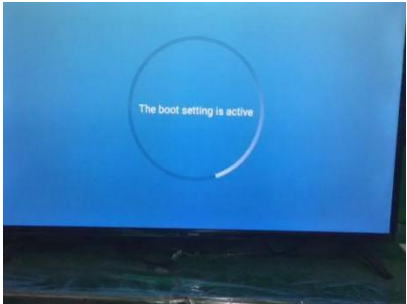
8	<u>Defective phenomenon</u> : Disordered key <u>Reason analysi</u> : _____ 1. Replaced the key board, disordered key still 2. Replaced the main board, and the key board was normal. So that the reason lies in defective main board <u>Maintenance measure</u> : _____ disassembled the machine and replaced the main board.	
9	<u>Defective phenomenon</u> : No working remote control <u>Reason analysis</u> : 1. Checked the cable of IR board/key board, and they were inserted in place; 2. Replaced the IR board/key board and the cable module, and the remote control worked; 3. Replaced the IR board, and the remote control did not work. Thus the reason lies in defective cable of IR board/key board. <u>Maintenance measure</u> : _____ disassembled the machines and replaced the IR board/key board.	
10	<u>Defective phenomenon</u> : Foreign matter <u>Reason analysis</u> : Checked the liquid crystal glass, and found that the foreign matter was on the liquid crystal glass <u>Maintenance measure</u> : disassembled the machine, and remove the foreign matter on the liquid crystal glass.	

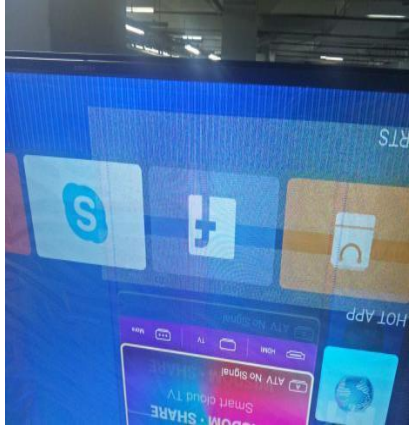
11	<u>Defective phenomenon</u> : bright line <u>Reason analysis</u> : Checked the liquid crystal glass, and found that COF of liquid crystal glass had been damaged <u>Maintenance measure</u> : disassembled machine, and replaced liquid crystal glass.	
12	<u>Defective phenomenon</u> : Grey screen <u>Reason analysis</u> : 1. Checked the LVDS cable, and it was inserted in place 2. Checked the liquid crystal glass, and found that the COF of liquid crystal glass had been damaged. <u>Maintenance measure</u> : disassembled the machine and replaced the liquid crystal glass.	
13	<u>Defective phenomenon</u> : Black screen <u>Reason analysis</u> : 1. Checked the LVDS cable, and it was inserted in place 2. Checked the power board, and found that the insulating strip on the the power board had been assembled in a wrong position, resulting short circuit. <u>Maintenance</u> : disassembled the machine, and set the insulting strip between the power board and main board.	

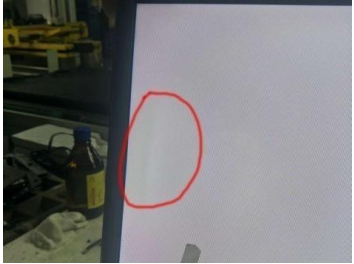
14	<u>Defective phenomenon</u> : Block 1 <u>Reason analysis</u> : Checked FFC cable, FFC cable was not inserted in place. <u>Maintenance measure</u> : Inserted FFC cable	
15	<u>Defective phenomenon</u> : Block 2 <u>Reason analysis</u> : 1. Checked FFC cable and FFC cable was inserted in place 2. Checked the COF and found that COF damage. <u>Maintenance measure</u> : disassembled the machine, and replaced the liquid crystal glass.	
16	<u>Defective phenomenon</u> : Backlight no working <u>Reason analysis</u> : Checked the backlight cable, and found one of the cables fell off. <u>Maintenance measure</u> : disassembled the machine, and inserted the fell-off cable into the corresponding sockets. Meanwhile the backlight cable can not be pulled too tight.	

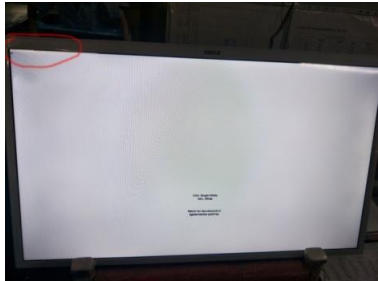
17	<u>Defective phenomenon</u> : Grid coarsening <u>Reason analysis</u> : 1. Checked the FFC cable, and FFC cable was inserted. 2. Replaced T-CON board, and the machine was normal. So that the reason lies on deficient purchase of T-con board <u>Maintenance measure</u> : _____ Replaced T-CON board	
18	<u>Defective phenomenon</u> : can not remote control <u>Reason analysis</u> : Checked the cable of key board and found that one of the cables fell off <u>Maintenance measure</u> : disassembled the machine, and inserted the cable in place	
19	<u>Defective phenomenon</u> : Defective image <u>Reason analysis</u> : Checked the COF of the glass, and found that COF fell off <u>Maintenance measure</u> : disassembled the machine and replaced the liquid crystal glass	

20	<u>Defective phenomenon</u> : shadow <u>Reason analysis</u> : _____ Checked the BEF, and it was in the right position Check the reflector plate, and found that it was not pressed in place and had a local cock. <u>Maintenance measure</u> : _____ disassembled the machine, and pressed the reflector in place and completely exposed the LED	
21	<u>Defective phenomenon</u> : press the edge <u>Reason analysis</u> : _____ 1. Checked the glass, and it was in the right place 2. Checked the backboard, and it was out of shape <u>Maintenance measure</u> disassembled the machine, and replaced the backboard	
22	<u>Defective phenomenon</u> : bright line <u>Reason analysis</u> : _____ Checked the reflector plate, and it was not smooth with local cock. <u>Maintenance measure</u> : _____ disassembled the machine and smoothed the reflector plate in place.	

23	<u>Defective phenomenon</u> : divided cover <u>Reason analysis</u> : Checked the back cover, and it was in the right place Checked the back cover, and it was out of shape <u>Maintenance measure</u> : disassembled the machine, replaced the back cover	
24	<u>Defective phenomenon</u> : bright spot Checked the liquid crystal glass, bright spot with blue is in the liquid crystal glass. <u>Maintenance measure</u> : disassembled the machine, and replaced the liquid crystal glass.	
25	<u>Defective phenomenon</u> : automatically shutdown <u>Reason analysis</u> : Replaced the main board, and the phenomenon was solved. Thus the reason lies in defective main board. <u>Maintenance measure</u> : disassembled the machine, and replaced the main board.	

26	<u>Defective phenomenon</u> : flickering screen <u>Reason analysis</u> : Checked the LVDS cable, and it was in the right place. Checked the glass, and the PC plug on the PCB board was damaged. Replaced the T-con board, the screen was still flickering Replaced the main board, the phenomenon was solved. So that the reason lies in the defective main board <u>Maintenance measure</u> : _____ Disassembled the machine, and replaced the main board.	
27	<u>Defective phenomenon</u> : divided cover <u>Reason analysis</u> : Checked the front frame, and the ground side of the front frame was out of shape. <u>Maintenance measure</u> : Disassembled the machine, add the double-side tape to reinforce the front frame on the ground side of front frame.	
28	<u>Defective phenomenon</u> : yellow back light <u>Reason analysis</u> : Checked the light bar, and found that one of the LED was defective with yellow color. <u>Maintenance measure</u> : Disassembled the machine, and replaced the light bar	

29	<u>Defective phenomenon</u> : watermark <u>Reason analysis</u> : Checked the liquid crystal glass, the appearance of the Glass was attached with watermark <u>Maintenance measure</u> : Disassembled the machine, and replaced the liquid crystal glass	
30	<u>Defective phenomenon</u> : tremolos <u>Reason analysis</u> : Checked the speakers, and the speakers module was normal Checked PCB board, and found that tremolos was due to loose PCB board <u>Maintenance measure</u> : Disassembled the machine, and attached the PCB board steadily with acetic acid cloth tape.	
31	<u>Defective phenomenon</u> : no sound in left speaker. <u>Reason analysis</u> : Checked the speakers cable and the cable of the left speaker was parted <u>Maintenance measure</u> : Disassembled the machine, and connected the speakers cable which was parted	

32	<u>Defective phenomenon</u> : water ripple <u>Reason analysis</u> : Checked the channel, and found that water ripple was existing on the channel VGA only, and it can not be found on other channel. Checked the software, and adjusted the brightness/contrast, the phenomenon had been improved to a certain extent but not be disappeared Replaced the main board, the phenomenon had been disappeared. So that the reason lies in defective main board. <u>Maintenance measure</u> : Disassembled the machine, and replaced the main board	
33	<u>Defective phenomenon</u> : BEF had a gap <u>Reason analysis</u> : _____ Checked the bright enhancement film and it was not in the Right place. The spacing between the top and bottom registration masts of the back board was discrepant with the spacing of loops on the film, causing the loop cannot be locked on the registration masts <u>Maintenance measure</u> : Disassembled the machine, cut off the bottom loop of the film, smoothed the film into the backboard ensuring top loop of the film could locked on the registration masts	

34	<u>Defective phenomenon</u> : defective image <u>Reason analysis</u> : Checked the LVDS cable, the PCB board end of the LVDS cable was not inserted in place <u>Maintenance measure</u> : Disassembled the machine, and inserted the LVDS cable in place	
35	<u>Defective phenomenon</u> No sound: in the right speaker <u>Reason analysis</u> : Checked the speakers, one cable of the right speaker connected abnormally <u>Maintenance measure</u> : Disassembled the machine, and inserted the cable into the right sockets in place	
36	<u>Defective phenomenon</u> : no sound <u>Reason analysis</u> : 1. Checked the speakers, and the cables was in the right place 2. Checked the cables, and found that the one of those had been pressed by the back cover causing short-circuit by the insulating layer laceration. <u>Maintenance measure</u> : Disassembled the machine, covered the place of laceration in insulating tape and arranged the cables in terms of operation standard	

37	<u>Defective phenomenon</u> : the menu button can not bounce back <u>Reason analysis</u> : Checked the plastic button on the back cover and it was out of shape, causing it can not bounce back <u>Maintenance measure</u> : Disassembled the machine and replaced the cover	
38	<u>Defective phenomenon</u> : Glass obstructed the front frame installing ; <u>Reason analysis</u> : The middle frame was not in the right place ; <u>Maintenance measure</u> : Disassembled the machine, installed the middle frame in place	
39	<u>Defective phenomenon</u> : the front frame was not in the right place ; <u>Reason analysis</u> : Caused by the front frame being out of shape <u>Maintenance measure</u> : Disassembled the front frame, redressed the place of out of shape in right place.	