

SWAN

2022.06 Mass production inspection

SH Son

Model Name: BFX-UA300

Document Version: ALT_STB_MP_CSMTINS_001

Issued Date: 2022.08.30



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Document History

Version	Editor	Date	3Updates
001	SH Son (Seunghwan Son)	2022.07.06	initial version
002	SH Son (Seunghwan Son)	2022.07.07	Update PCBA S/N
003	SH Son (Seunghwan Son)	2022.08.30	Update inspection status

- SKB incoming inspection

- Inspection lot : BFX-UA300 MP delivered on 2022.06
 - Date : 2022.6.28 ~
 - Not finished, So far inspected 3040 result.
- Location : [SK networks warehouse](#), Anseong, Korea.

- Overall inspection result

- Failed.
 - Cancel Sampling Inspection
 - Apply full (4000pcs) inspection
- This inspection result is impacted ALT quality level.
 - Biz part will discuss biz impact with Foxconn biz team.

Definition*

- Critical : The **defect related to product functions**
- Major : The defect is no effect on the product functions. But **visually defect**. (i.g cosmetic damaged.)
- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

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- Defect Total

- Critical

- FFC cable defect : Total 5pcs defect

- For FFV MIC defect 1pcs
 - FFV Mic not work.
 - For Button FFC defect : 2 pcs
 - Button function not work (BT and Mic mute button)
 - Button function not work (CH-)
 - For Amp FFC defect : 2pcs
 - No Sound output

- Major

- Cosmetic defect

- Top case scratch 6 pcs
 - Painting defect 2pcs

- Accessary defect

- HDMI cable defect 5 pcs

- Minor

- Tact feeling NG 1pcs

Definition*

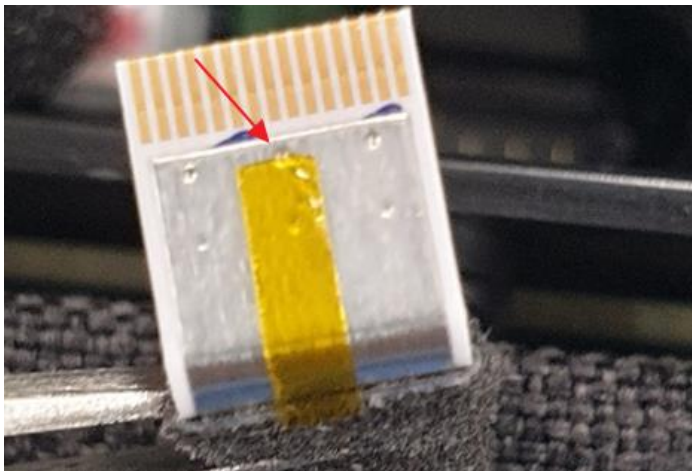
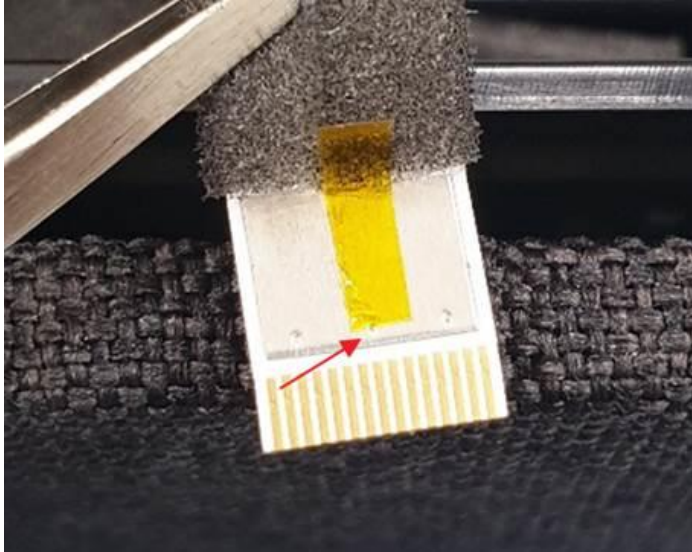
- Critical : The **defect related to product functions**
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- FFC Defect
 - Issue grade : Critical
 - Symptom : sub board doesn't work.
 - Defect unit Q'ty : 5 pcs / 2016pcs
 - SN
 - For FFV MIC defect 1pcs
 - No input the FFV : 2149695001202201011706
 - For Button FFC defect : 2 pcs
 - BT and Mic mute : 2149695001202201010911
 - CH- : 2149695001202201009565
 - For Amp FFC defect : 2pcs
 - No sound output : 2149695001202201008576, 2149695001202201011157
 - ALT initial review
 - Visual check : No found abnormal
 - Found abnormal : Amp FFC : No sound output / Button FFC : CH-
 - Booting is OK.
 - Check the each function doesn't work
 - ALT Action
 - Replace the FFC Cable
 - Factory Action item
 - FXN should be submit 8D report
 - Need to find out why it wasn't detected in factory tests
 - Provide the preventive action

Critical Issue

- Visual check for the FFC

Amp FFC : 2149695001202201008576



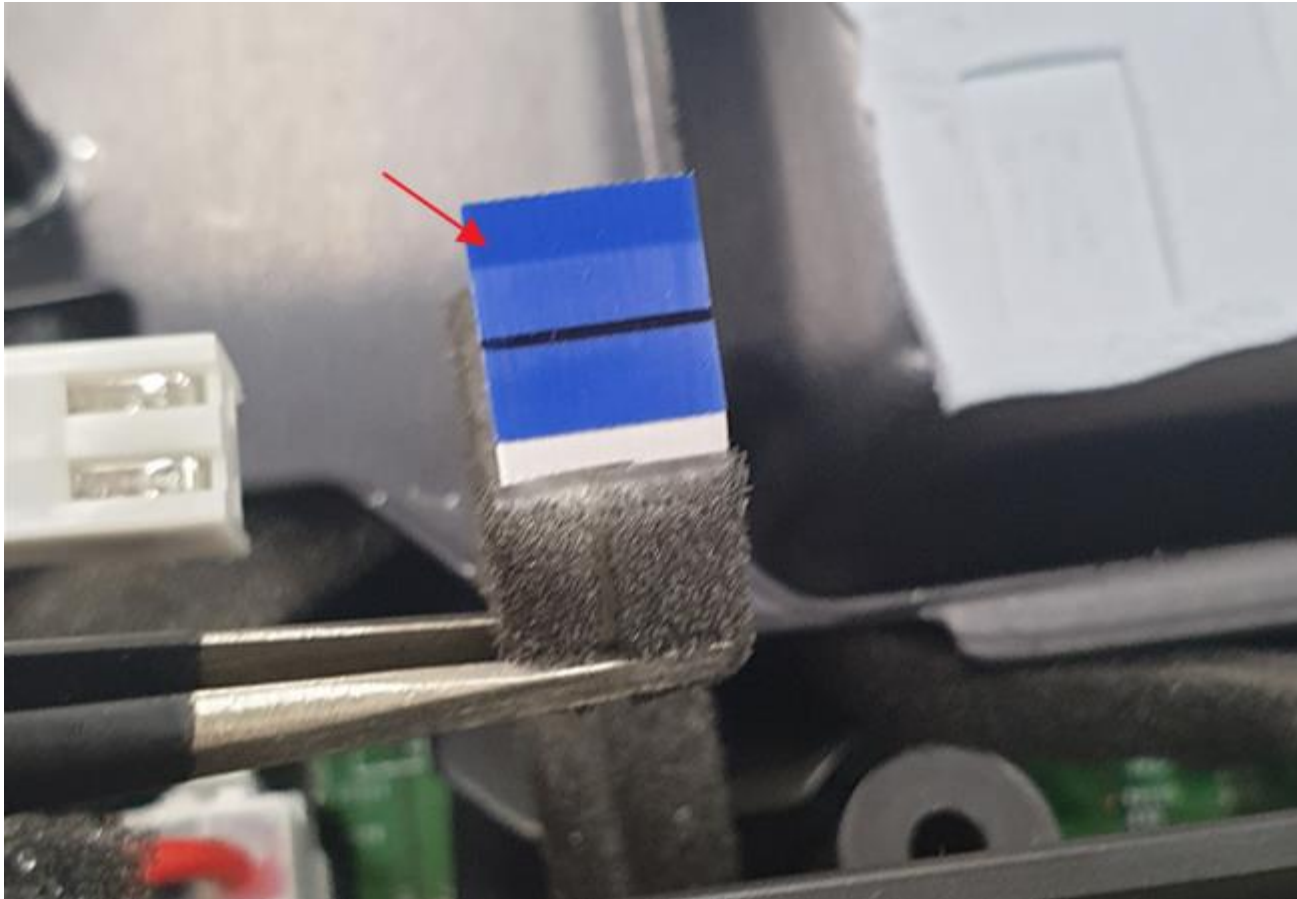
Button FFC : 2149695001202201009565



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- Visual check for the FFC

Amp FFC : 2149695001202201011157



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- Housing painting defect

- Issue grade : Major
- Symptom : painting defect
 - Defect unit Q'ty : 2 / 2016pcs
 - SN : 2149695001202201010888
 - 2149695001202201009197

- ALT initial review

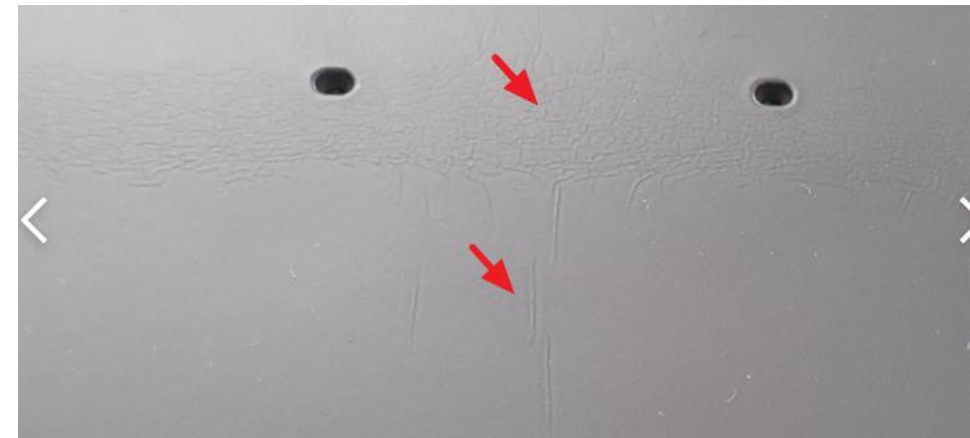
- Painting defect
- Visual check : No found abnormal

- ALT Action

- Replace new housing
- Request 8D report to Inkel Quality team

- Action item

- FXN should be update the NG case
 - Request the enhanced the IQC / PQC / OBA at factory.



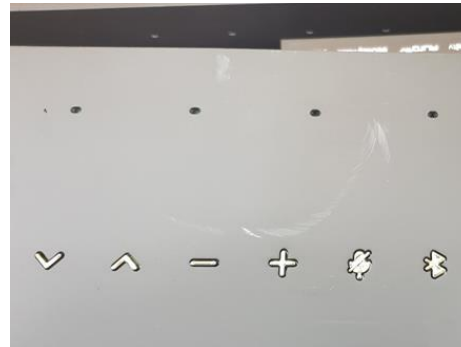
- Housing scratch defect
 - Issue grade : Major
 - Symptom : scratch “A” class area
 - Defect unit Q'ty : 5 / 2016pcs
 - SN : 2149695001202201010186
- ALT initial review
 - Visual check : scratch on the top case
- ALT Action
 - Replace new housing
- Action item
 - FXN should be update the NG case
 - Request the enhanced the IQC / PQC / OBA at factory.
 - If factory find the NG housing, please contact to housing VN vender

- Housing scratch defect picture

2149695001202201010010



2149695001202201010186



219695001202201008396



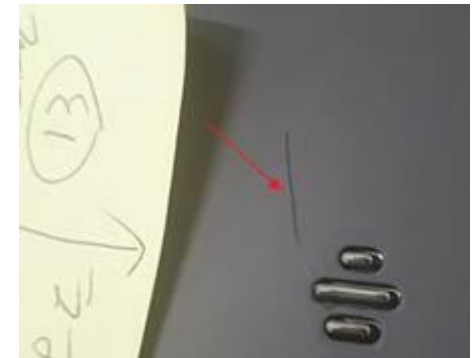
2149695001202201008670



2149695001202201008668

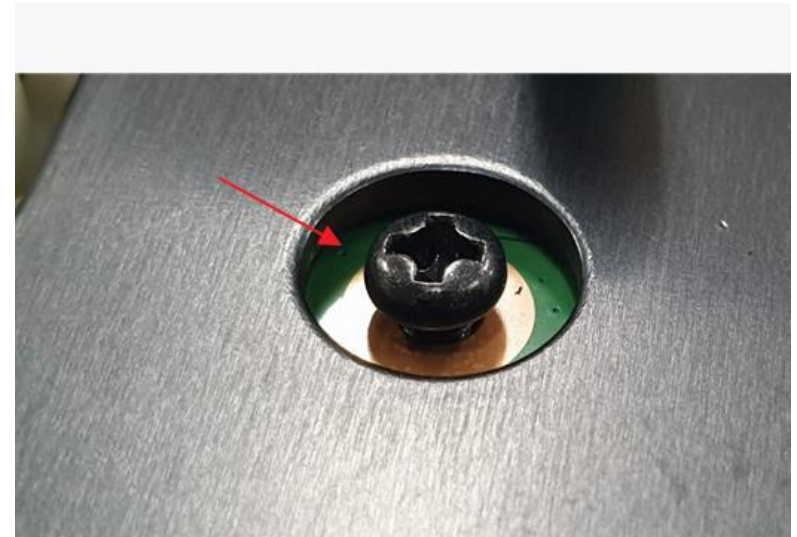


2149695001202201008555



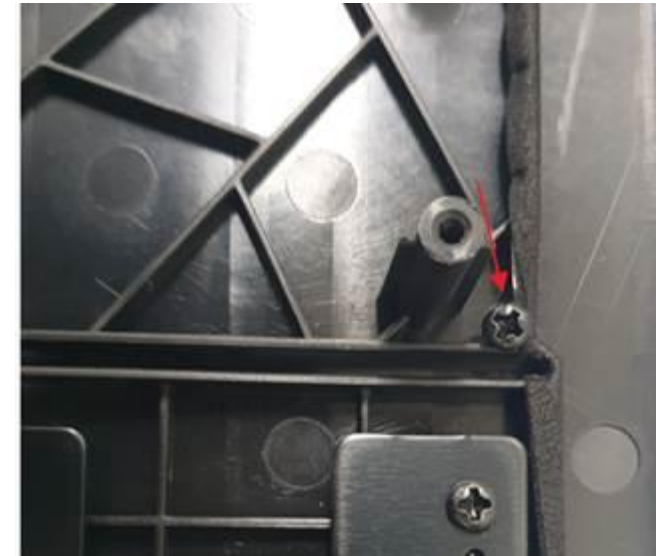
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- Tact feeling NG
 - Issue grade : Minor
 - Symptom : Tact feeling NG
 - Defect unit Q'ty : 1 / 2016pcs
 - S/N : 2149695001202201011965
 - ALT initial review
 - Function check : No found abnormal, but tact feeling NG
 - Visual check : found abnormal
 - ALT Action
 - Screw fully fastening
 - Action item
 - FXN should be submit 8D report
 - Request the enhanced the IQC at factory.
 - Provide the preventive action



- Screw inside

- Issue grade : Minor
- Symptom : Noise occurs when shaking the product
 - Defect unit Q'ty : 1 / 2016pcs
 - S/N : 2149695001202201010065
- ALT initial review
 - Visual check : found abnormal
- ALT Action
 - Remove the screw and re-assembly
- Action item
 - FXN should be submit 8D report
 - Request the enhanced the PQC at factory.
 - Provide the preventive action



- HDMI cable defect
 - Issue grade : Major
 - Symptom : No screen
 - Defect unit Q'ty : 5 / 1088pcs
- ALT initial review
 - Function check : No screen on the TV (LG/Samsung)
 - Visual check : No found abnormal
- ALT Action
 - Replace new cable
- Action item
 - FXN should be submit 8D report
 - Request the enhanced the IQC at factory.
 - Provide the preventive action

Thank you.

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