

SWAN

AMP FFC and Common mode Filter is melting issue

Model Name: BFX-UA300

Document Version: ALT_STB_MP_CSMTINS_001

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ALT

All Life Technology Co., Ltd



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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2022.02.08	initial version
002	SH Son (Seunghwan Son)	2023.02.03	Add FFC melting case

- SET information

- Return from the customer : 2022.01.17
- SN : 2149695001202109001829
- MAC : A8934AFE7F19

- Retuned symptom from customer

- No Power

- Issue grade : Critical

- Initial analysis

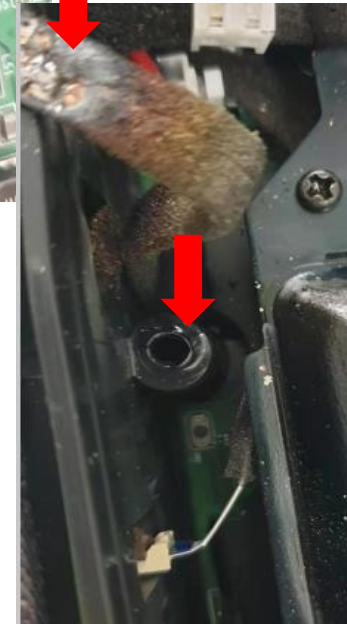
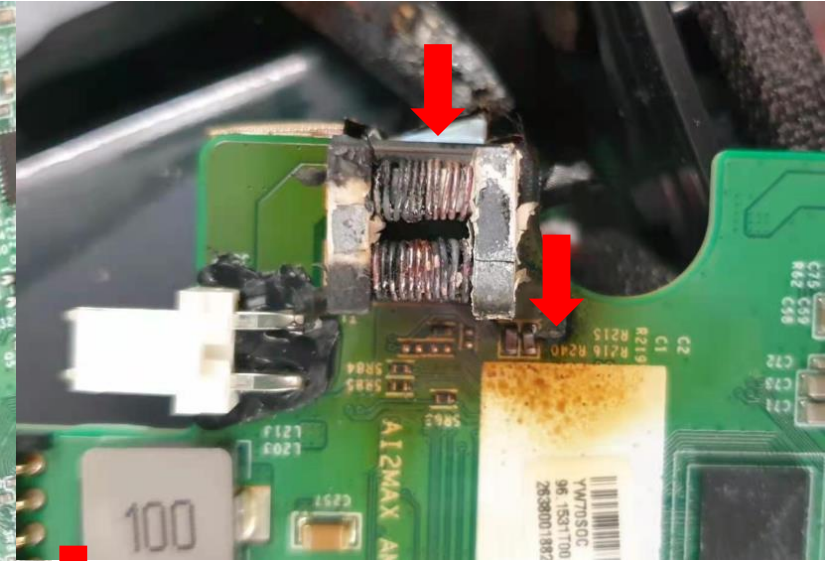
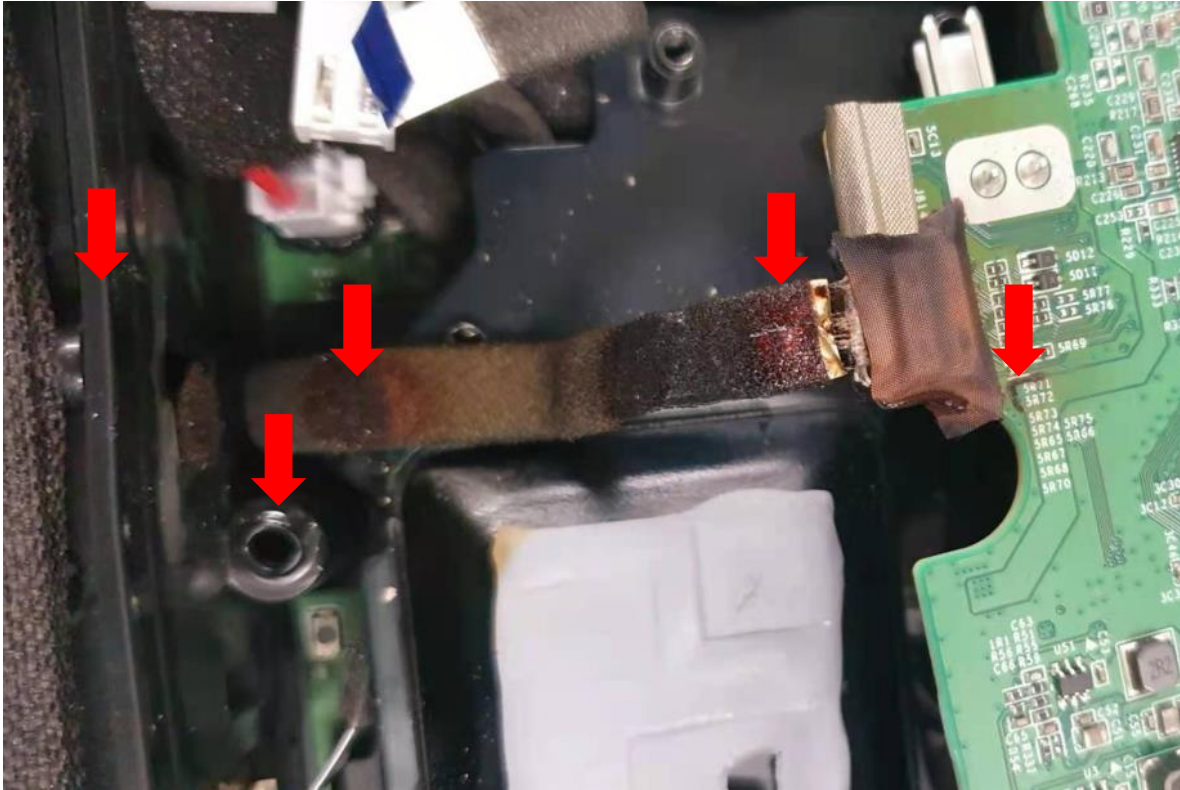
- AMP FFC and Common mode Filter is melted



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**

- AMP FFC and Common mode Filter is melted
 - Issue grade : Critical
 - Symptom : No Power
 - ALT initial review
 - Disassembly Top cover, almost melted Amp FFC cable
 - The Common mode filter is also melted
 - The Bottom housing deformation started due to heat
 - > See the next image
 - It proceeded until just before the fire of the product
 - FII Action item
 - analyze the root cause ASAP base.
 - FXN should be submit 8D report
 - Make short term solution and apply immediately
 - Make long term solution and verification with ALT



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- SET information

- Return from the customer : 2022.09.27
- SN : 2149695001202109007156
- MAC : A8934AFE992D



- Retuned symptom from customer

- No Power

- Issue grade : Critical

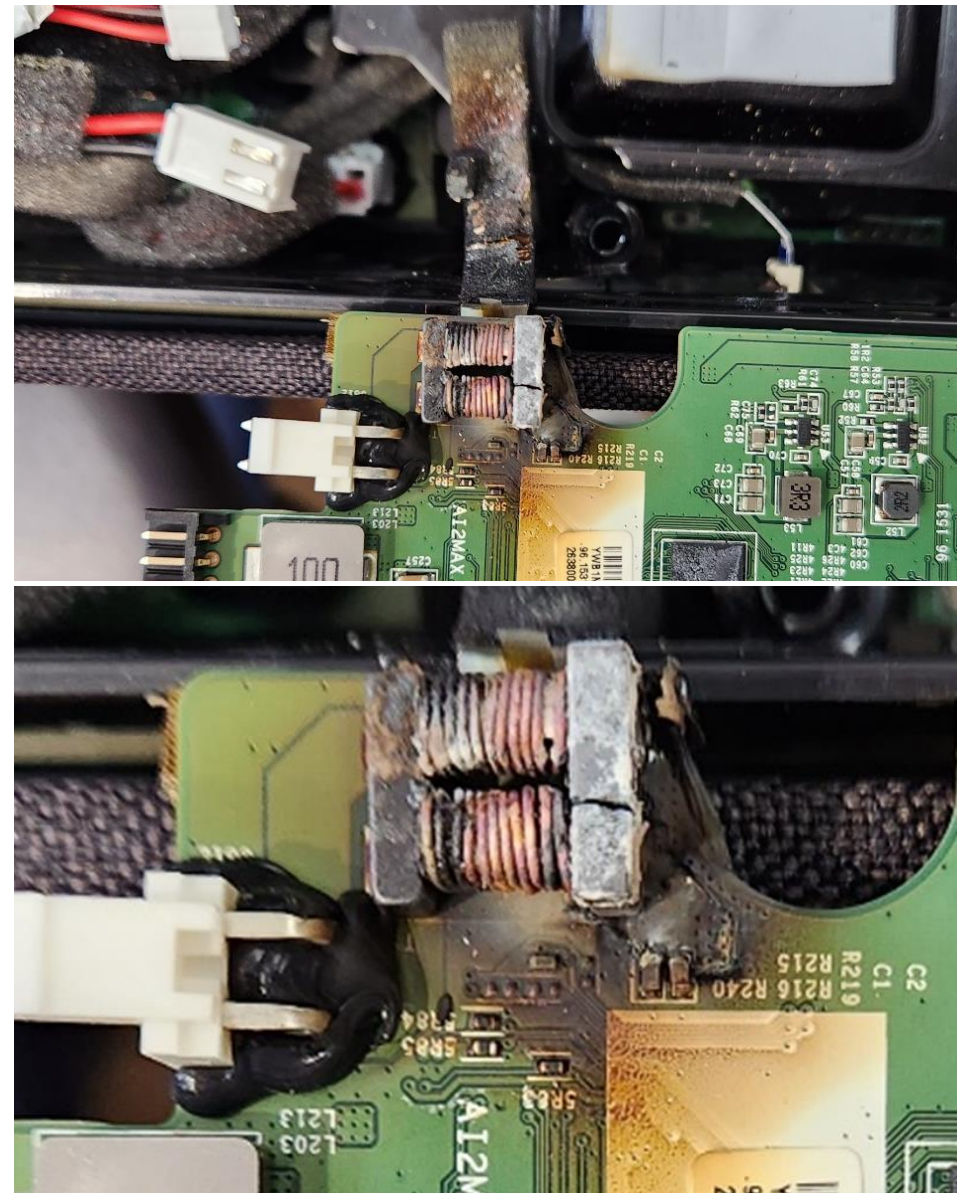
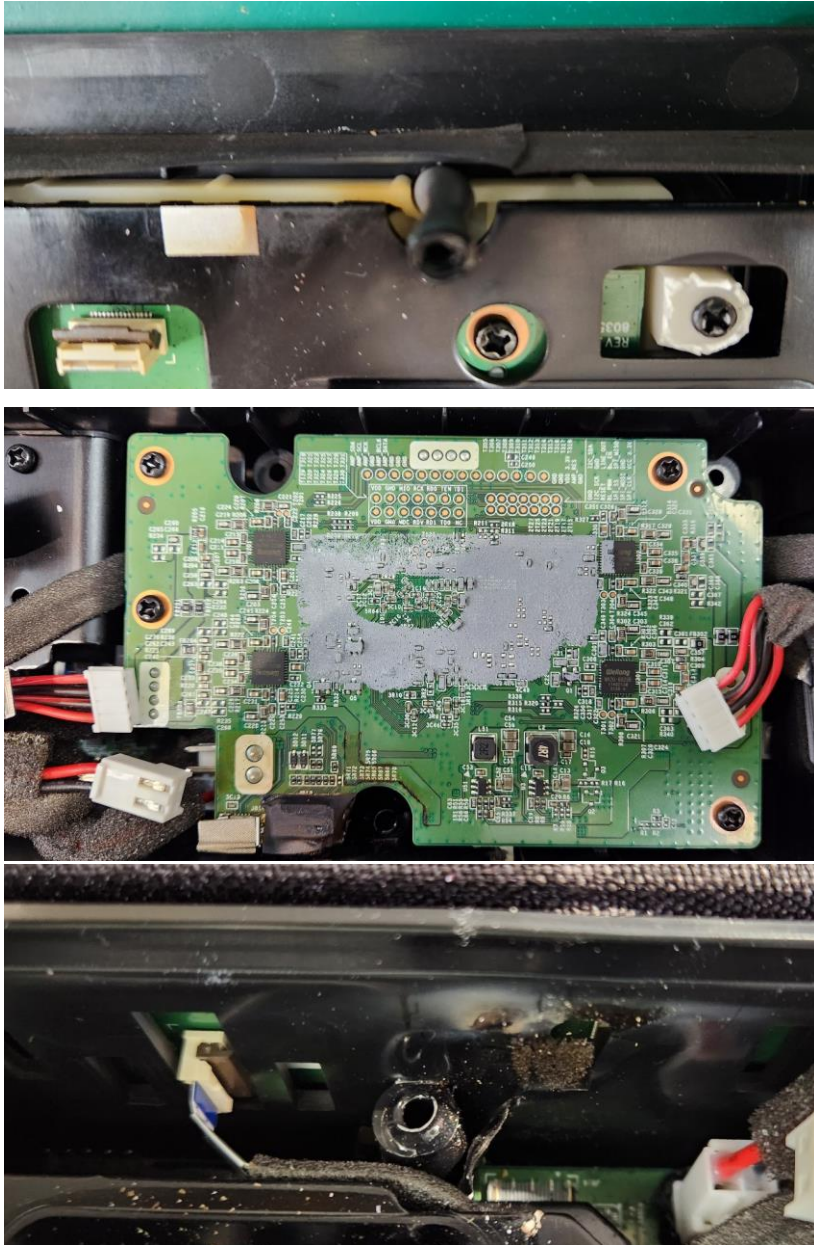
- Initial analysis

- AMP FFC and Common mode Filter is melted

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**

Amp FFC Melted #1



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- SET information

- Return from the customer : 2022.08.29
- SN : 2149695001202109008672
- MAC : A8934AFE7F19

- Retuned symptom from customer

- No Power

- Issue grade : Critical

- Initial analysis

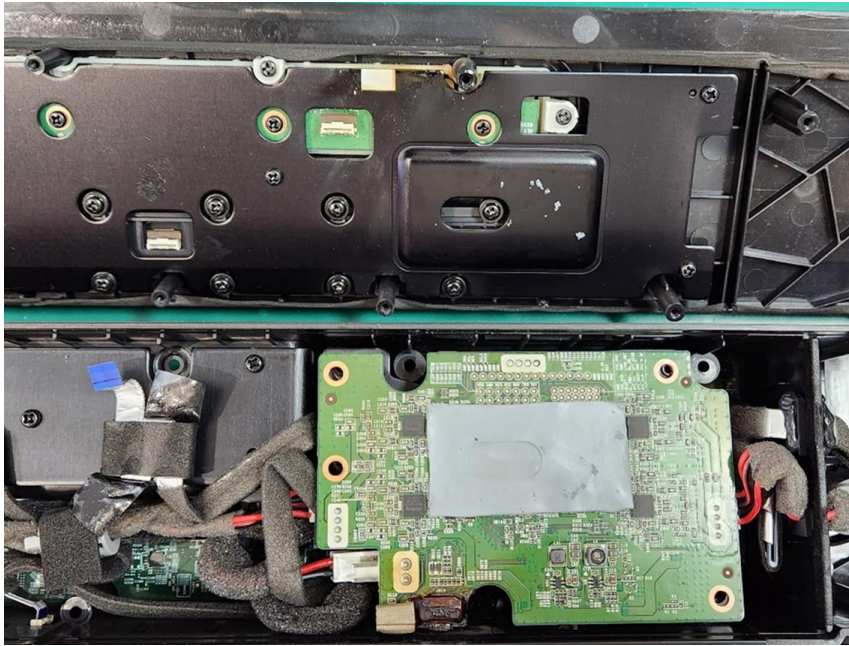
- AMP FFC and Common mode Filter is melted



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**

Amp FFC Melted #2



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Thank you.

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