

BFX-AT100

2020.06 Mass production inspection

SH Son

Model Name: BFX-AT100

Document Version: ALT_STB_MP_CSMTINS_001

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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2020.06.30	initial version

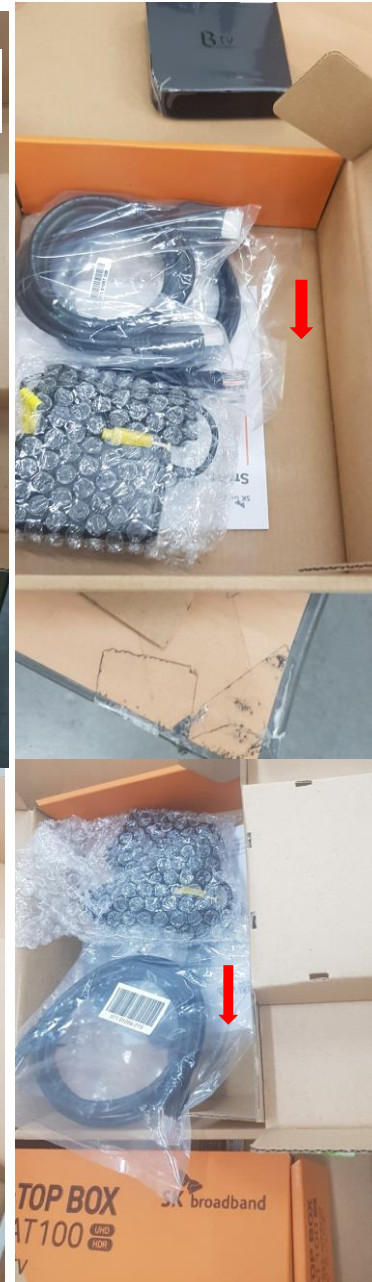
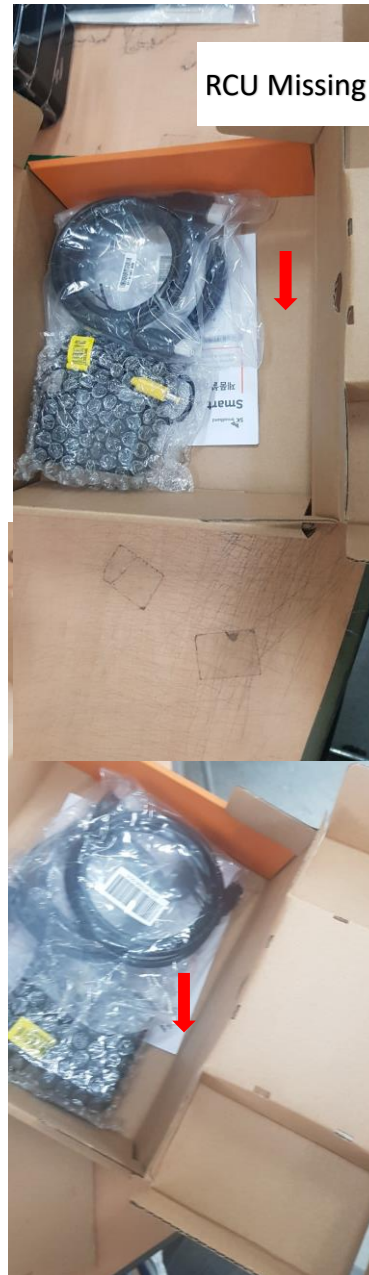
- SKB incoming inspection
 - Inspection lot : 30k delivered on June
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.06.11 ~ 2020.06.16
 - Inspection lot : 20k delivered on June
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.06.18 ~ 2020.06.23
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - ALT get the conditional Pass
- Defect Total
 - Critical
 - System unstable 1pcs
 - Major
 - RCU Missing 7pcs
 - Inner sheet missing on Carton box 1pcs
 - Giftbox FOD 1pcs
 - Label Font change : All units
 - Minor
 - Giftbox contamination 3 pcs

- System unstable
 - Issue grade : Critical
 - Defect carton Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - SN : 2149688001202001050551
 - ALT get the SKB waiver to avoid lot reject
 - ALT replace to defective STB : 2149688001202005015234 to 2149688001201999000018
-> Changed the mac address as original one.
 - ALT initial review
 - After Cold booting until 20 Min, operation is normally working.
 - System abnormal rebooting
 - Run the youtube and play 4K video
 - Few minute later, system will be hangup or reboot.
 - * Note. 1080P video seems like OK.
 - FXN should be review after aging and Power on/off.
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action

- RCU Missing
 - Issue grade : Major
 - Defect carton Q'ty : 7pcs / 500pcs
 - Defect rate : 1.2%
 - SN : 214968800120200530001 / 214968800120200530002 / 214968800120200530003 / 214968800120200530010 / 214968800120200530009 / 214968800120200530008 / 214968800120200530007
 - RCU was missing on giftbox – 1carton (SN : SKBAT2006001).
 - ALT paid that additional inspection cost to find missing RCU box
 - Total 1000pcs proceed additional inspection,
 - No additional defects founded.
 - ALT was added at our expense the RCU.
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide giftbox weight test log defected STB.
 - Provide the preventive action
 - FXN should compensation of 7pcs RCU cost.

RCU Missing

- Reference image



- Inner sheet missing on Carton box
 - Issue grade : Major
 - Defect carton Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - BOX number : SKBAT120060007
 - Inner sheet of top side was missing
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action

Inner sheet missing on Carton box

- Reference
 1. Defected carton weight : 8.12Kg
 2. 1 pcs Inner sheet weight : 0.1kg
 3. Normal carton weight : 8.2Kg~8.22kg



- Giftbox FOD (Foreign Object Debris)
 - Issue grade : Major
 - Defect carton Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - Undefined screw was packed gift packing. Please refer to the below image



- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action (FOD control process)

- Label Font change
 - Issue grade : Major
 - Defect carton Q'ty : 500pcs / 500pcs
 - Defect rate : 100%
 - ALT Comment
 - All of changes need to be approved by customer.
 - The label font and space between letters changes is also need to approved by customer.
 - Look like the letters is difficult to read due to the small text.
 - We had already received VoC that hard to read text from SKB installer by visually .
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - FXN should be return to its original state.

Label Font change

- Reference



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Manufactured 2020.06

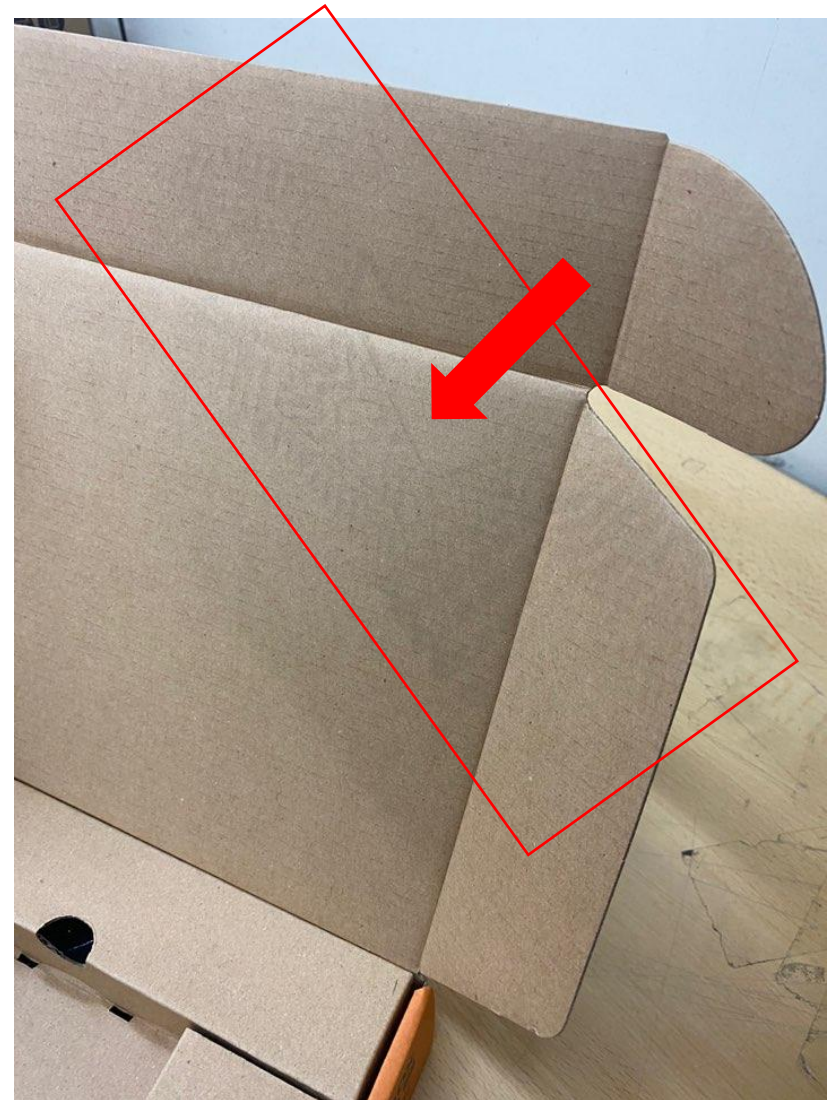
- Giftbox contamination #1

- Issue grade : Minor
- Defect carton Q'ty : 2pcs / 500pcs
- Defect rate : 0.4%
 - SN : 2149688001202005031884 / Not checked.
- There is looks like a oil contamination.
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action



- Giftbox contamination #2

- Issue grade : Minor
- Defect carton Q'ty : 1pcs / 500pcs
- Defect rate : 0.2%
 - SN : Not checked
- There is looks like a shoe footprint.
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action



Thank you.

ALT
All Life Technology Co., Ltd

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