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Wider tape standout issue

Root cause analysis and Rework

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JB Dai



Wide tape standout issue track

- **2016/10/25** : EB1 standout test data for 78 and 55 degree curvature t
55 degree max standout is 13.1ft and 78 is 12.3ft.Consider high scrap
rate for 55degree, team confirmed to use 78 degree tape to move for
- **2016/11/16**: EB2 QA was measured 28+25pcs sample, the standout t
data max is about 11.98~13.45ft.
- **2016/12/27**: QB QA was measured 25pcs sample, the standout test c
max is 12.08ft to 12.96ft
- **2017/1/22-23**: We found standout issue in MP, looking back entire
process, painting and lacquering process has transfer from In-house
outsource, we looking root cause analysis to have a comparison with
house thru samples study, observation is width changes significantly
painting process

- Wide Tape blade with kink and Wave issue as the deep curvature at build stage:



Kink marks



- During the EB and QB, we have arranged a lot of improvement actions to resolve above matter, but still have high defect rate and low stand out performance:

1. 55 degree tape: 50% failed, stand out with 13ft
2. 78 degree tape: 25% failed, stand out with 12ft



Guiding



- To avoid schedule delay US team selection 78 degree tape for production but the stand out failed increase in mass production stage:

1. Stand out EB, QB failed rate: 1~2%
2. Stand out mass production: 20~25%