

BFX-UA300 Control Run New FFC Cable Result Report



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Date : 2022.07.16

"Listens to customers, Meet customer expectation"

Control Run Contents

1.Description

Date: 2022.07.07 PM request ALT agree to use new AMP FFC cable (with Kapton tape) for long-term solution to avoid AMP FFC cable pierced issue.

+ P/N : 376.00039.005

+ Vendor: P-TWO

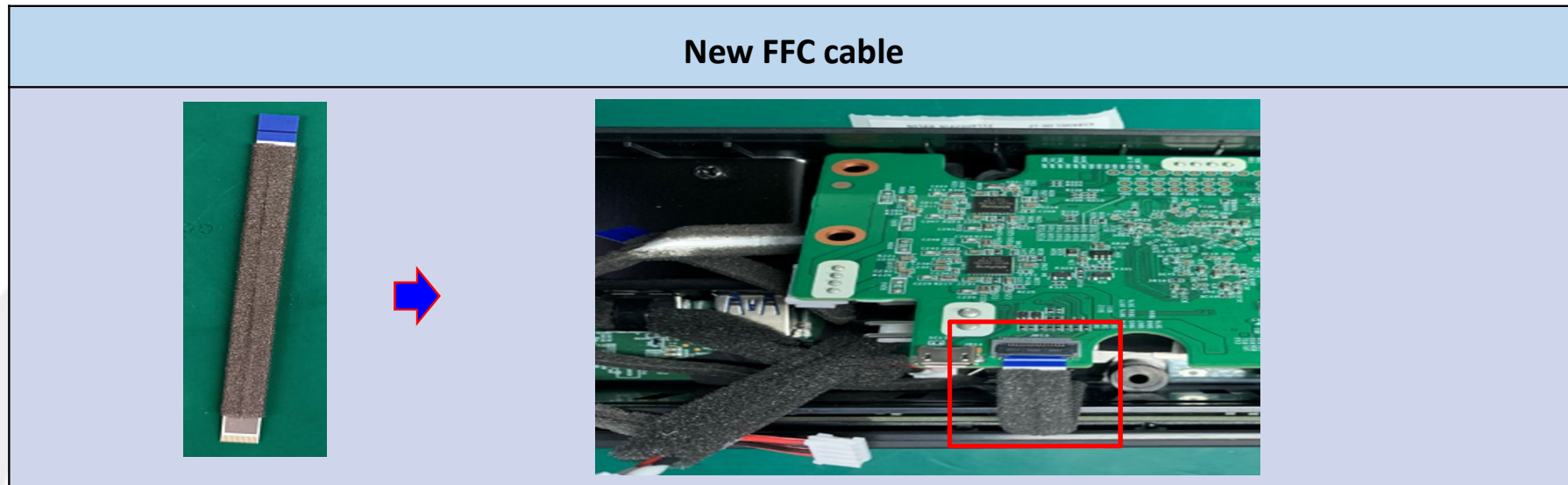
+ Date code: 05/05/2022

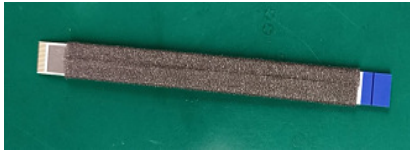
+ Control Run: 50pcs



Assembly new AMP FFC cable

2. Review new material and assembly



TYPE	Overview			Dimension	Thickness
New FFC cable				No difference with old FFC cable	Mylar stick inside copper foil

➤ Summary: Check OK or not on FATP to apply new FFC AMP cable on mass production

No need stick Mylar for FFC AMP cable

Control Run Procedure And Result

Step	Items	CTQ	Contents	Q'ty (pcs)	Result
1	Kitting → SMT → X-RAY → PTH	None	Normal process	50	Pass
2	BT,PT,UP station	None	Normal process	50	Pass
3	Assembly (Assy 2,3,4)	Yes	Assembly housing, focus on assy FFC AMP cable	50	Pass
4	FT1	Yes	Test function (Focus on test AMP version)	50	Pass
5	FT2	Yes	Test Function (Focus on test sound function)	50	Pass
6	FT3	None	Test function	50	Pass
7	RC	None	Upgrade customer software	50	Pass
8	Power on /off	Yes	Check product boot up 30 times (on 3 minutes / off 30s)	50	Pass
9	RC1	None	Check scan QR code	50	Pass
10	OBA	Yes	Check all function of product at customer software	50	Pass
11	RC2	None	Check scan QR code	50	Pass
12	Packing→ FG	None	Normal process	50	Pass

Summary: Focus on Assy 3 (Assembly FFC AMP cable) and FT1, FT2 station to test sound function controlled via New FFC cable

Final Test Yield Rate

ALT		Model Name		K18X001.00	
		Quantity		50pcs	
		AMP board image		0x32	
		Production image		v522r13e_fac-20210914	
		Customer image		19.532.16	
		MO		2643001430	
		Date		7/16/2022	
1.Product Yield & FA Report					
Customer	Product Model	Test Station	Yield Rate	Statistical	Yield Rate
ALT	K18X001.00	BT	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		PT	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		UP	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		FT1	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		FT2	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		FT3	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		RC	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		RC1	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
		RC2	100.00%	Total	50
				Pass	50
				Fail	0
				Yield Rate(%)	100.00%
Final Yield Rate(%)			100.00%		

❖ **Summary:** Final test yield rate 100% ➔ No found out any product fail related to new FFC AMP cable

Control Run Result Summary

❖ Control Run Result Summary:

1. FATP test yield rate was 100%. No found any defective product relate new FFC cable connection between K18X00T00 main board and 96.1531T00 main board at FT1, FT2 station.
2. 100% Power On/Off. No any abnormality found
3. OBA test product function at customer software don't find out abnormally.

❖ Control Run Conclusion

FII didn't find out any defective product relate new FFC cable (connection between K18X00T00 main board and 96.1531T00 main board) on FATP

→We can apply new FFC cable (P/N:376.00039.005) and keep monitoring on MP