

AMS02 Tracker hybrids: inspection form

Date:/...../200.....	Time:
Hybrid: 2025-.....-.....	Controlled by:

good spare rejected

1 Mechanical and visual inspection

	Yes	No	Comment
1. Connector is screwed and screws are glued	<input type="checkbox"/>	<input type="checkbox"/>
2. Hybrid is lying properly on a flat surface	<input type="checkbox"/>	<input type="checkbox"/>
3. Where the PCB becomes wider, the angles are sharp	<input type="checkbox"/>	<input type="checkbox"/>
4. Capacitor chips are correctly positioned:			
▶ Along X	<input type="checkbox"/>	<input type="checkbox"/>
▶ Along Y	<input type="checkbox"/>	<input type="checkbox"/>
5. Capacitor chips are correctly glued	<input type="checkbox"/>	<input type="checkbox"/>
6. Bonds are present (also check bond quality):			
▶ VA control bonds	<input type="checkbox"/>	<input type="checkbox"/>
▶ Bias bonds (PCB-VA) and (VA-Capa)	<input type="checkbox"/>	<input type="checkbox"/>
▶ VA-Capa signal bonds	<input type="checkbox"/>	<input type="checkbox"/>
7. Hybrid is clean (in particular the conformal coating)	<input type="checkbox"/>	<input type="checkbox"/>
8. Is there conformal coating in the following regions:			
▶ In front of the capacitor chips ?	<input type="checkbox"/>	<input type="checkbox"/>
▶ On the bonding pads of the capacitor chips ?	<input type="checkbox"/>	<input type="checkbox"/>
▶ On the fixation hole ?	<input type="checkbox"/>	<input type="checkbox"/>
▶ Cooling region ?	<input type="checkbox"/>	<input type="checkbox"/>



