

ACB

**att. M Van de Slycke
Vosmeer 3
9200 Dendermonde
Belgium**

Our ref. **ESA-TECMSP-LE-2025-003564**

Noordwijk, 20/01/2026

VISA: T Rohr (TEC-MSP)

Subject: Qualification renewal ACB sequential rigid and HDI polyimide PCBs

Dear Mr Van de Slycke,

ACB submitted PCBs for qualification renewal, as follows. A sequential rigid polyimide PCB was evaluated in report ESA-TECMSP-TR-2025-000937 (Hytek 2510A1). A HDI polyimide PCB was evaluated in report ESA-TECMSP-TR-2026-000068 (Hytek2510b). Both evaluations are concluded to be compliant to ECSS-Q-St-70-60C rev1.

In addition, ACB performed several project qualifications using Arlon 35N for HDI technology. A summarized qualification dossier is presented in PID_appendix_5_HDI_v250522-Delta qualification 2026-01-14. On this basis ESA approves the delta qualification for Arlon35N in HDI PCBs, in accordance with PID_HDI_v250522 ed1.

ACB is considered qualified in accordance with ECSS-Q-ST-70-60C rev1 for the manufacture of Printed Circuit Boards as follows:

- Rigid sequential polyimide PCBs as per PID_SeqRigid_v250522 ed1, until Jan 2028
- HDI polyimide PCBs as per PID_HDI_v250522 ed1, until Jan 2028

Best regards,

Simon Fidder
Materials, Manufacturing and Assembly section TEC-MSP