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The Netherlands

**TESAT Spacecom**

**att. A Leucht  
Gerberstrasse 49  
71522 Backnang  
Germany**

Our ref.            **ESA-TECMSP-LE-025221**

Noordwijk, 28/10/2021

VISA: T Rohr (TEC-MSP)

**Subject: Delta qualification TESAT polyimide 16L PCBs**

Dear Ms Leucht,

TESAT submitted a 16 layer rigid polyimide PCB with SnPb and electrolytic Ni/Au finishes to ESA for delta qualification in March 2021. The test plan is documented in 63.0120.200.83QPV\_PI and the TESAT test results in 63.0125.200.85QPR. The ESA evaluation results are reported in ESA-TECMSP-TR-023068. The inspected board and test coupon were considered acceptable for qualification according to ECSS-Q-ST-70-60C.

The 12 layer polyimide technology was qualified successfully in Feb 2021 as per ESA-TECMSP-LE-021970.

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

- Rigid sequential polyimide 16 layer PCBs as per the specific 63.1500.571.02PID issue C, until 1 Nov 2023

Best regards,

Jussi Hokka  
Materials & Processes Section