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| **NCR Title** | **SO-EPD-KIE-NC-0016 post Vib FT anomalies** | | | | | | | | | | | | |
| **NC Item Identification** **EPT-HET** Name: Sr-N: CI-No.: | | | | | | | | Drawing No. | | | | | |
| Next higher Assembly **EPD** | | | | | | | | Procedure No. | | | | | |
| Subsystem Model . **PQM** | | | | | | | | Supplier:  **CAU Kiel** | | | | | |
| **NC Observation**  Date: **2015-05-20** Location: **Portsmouth ADS Facilities** | | | | | | | | NC detected during: **Test, after Z-axis qual random** | | | | | |
| Description of Nonconformance  After an apparently nominal start to data acquisition at 10:57 during the functional test after completing the qualification vibration test, the input current was observed to change to 240mA from the nominal 180mA. During the following 20 minutes this current gradually reduced to 190mA, but it was found that all eight EPT channels and both HET channels were excessively noisy. Data acquisition was stopped and the instrument powered off at 11:48. A subsequent power on was stopped almost immediately when current fluctuations (160-210mA) were observed. Post test quick analysis of HK showed a short dropout of Vbias, and a later gradual decrease of shaper Vcc and HET Vfet. Before performing the FT a nominal impedance check had been carried out. | | | | | | | | | | | | | |
| Requirements violated: | | | | | | | | Initiator: Date, Name and Signature 2015-05-20, S.Kulrarni | | | | | |
| **Internal NRB Dispositions:** | | | | | | Ref. to MoMs | | | | | | | **Classification:**  **Minor Major** |
|  | | | | | | | | | | | | | Customer Notification per |
| Cause of NC  Ref to Failure Report | | | | | | | Corrective/Preventive Actions: | | | | | | Verification: |
| Date: Name: Signature: | | **PA** | | | **Engineering** | | | | |  | |  | |
| **Customer NRB Dispositions** (Class major, only) Ref. to MoMs | | | | | | | | | | | | | Verification |
| Finally determined Cause of NC     Ref to Failure Report | | | | | | | Corrective/Preventive Actions | | | | | |
| Request for Waiver No Yes  Reference: | | | | | | Alert No Yes  Reference | | | | | Other related Documents | | |
| **NRB Approval**  Organization/Name | | | Chairman |  | | |  | |  | |  | | **NCR Close out**  Date, Signature, Stamp |
| Date, Signature | | |  |  | | |  | |  | |  | |

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| **Nonconformance Report**  ***NCR Title: SO-EPD-KIE-NC-0016***  **- Continuation Sheet -** | |
| NCR Treatment Sequence / Findings / Statements / Actions | Verification |