Istituto Nazionale di Fisica Nucleare

INFN

NCR Number

NCR/FM/INFN/RM2/1

Classification	*Item name*	*Found on:*
major	Mid-Tray Composite Panel Assembly	6/18/2004 4:13:41 PM

Part number   LAT-DS-00180(rev3)

Serial number   006, 008, 015

Issued by   Francesco Belli

Short NCR description   Bias circuits delaminations

Approved by   Alessandro Brez

Detected during   T. Vac test

Cause   other (see description)

NCR description   Bias circuits delamination found after the thermo-vacuum test.See annex 1.

Action   Refer MRB

disposition

disposition ID: 1

INFN pisa suggest to perform further investigation on the next batch of 4 trays (SN 007, 010, 011, 017) in order to verify the cause of the NCR, as described in Annex 2.

Finding

Done, see NCR FM/INFN/RM2-2 for details.

responsible	due date (mm/dd/yyyy)	closed
Alessandro Brez	6/21/2004	☑

disposition ID: 2

S/N 006, 008 send at Plyform for rework on the Kapton, the following action have been decided:
A) to remove the old Kapton at 60°C
B) to increase rugosity on Tugsten
C) verify rework with standard flow of tests (ESPI, dimensional test, TVAC test)

Finding

responsible	due date (mm/dd/yyyy)	closed
Alessandro Brez	6/30/2004	☐

disposition **ID:** 3

After the tests TVAC S/N 015 has been classified Non Flight Hardware

Finding

done

responsible	**_due date (mm/dd/yyyy)_**	**_closed_**
Alessandro Brez	6/30/2005	☑

disposition **ID:** 4

Change thermal-vac test temperature to Tmax = 55°C and update test document accordingly for future test cycles.

Finding

responsible	**_due date (mm/dd/yyyy)_**	**_closed_**
Alessandro Brez		☐

MRB disposition

Approval date

Signature

Customer approval date

NCR status   open

Annex

annex N°	*Identification*
1	Test results images.

annex N°	*Identification*
2	Test results

annex N°	*Identification*
3	Plyform reply