

Traveler Title	Non-Conformance Report			
Traveler Abstract	This is a standard report that is used to document parts that do not meet specific criteria.			
Traveler ID	L2HE-NCR			
Traveler Revision	R 1 2			
Traveler Author	M. McDonald			
Traveler Date	27-Jan-2020			
NCR Informative Emails	bookwalt,megan			
NCR Dispositioners	bookwalt,megan			
D3 Emails	bookwalt,megan			
Approval Names	M. McDonald	V. Bookwalter	A. McEwen	M. Dickey
Approval Signatures				
Approval Date				
Approval Title	Author	Reviewer	Project Manager	Inventory Rep
References	List and Hyperlink all documents related to this traveler. This includes, but is not limited to: safety (THAs, SOPs, etc), drawings, procedures, and facility related documents.			
Procedure - Control of Non-Conforming Product				
Revision Note				
R 1	Initial release of this Traveler under the new Pansophy 2 criteria.			
R 2	Unknown			
R 3	Unknown			
R 4	Added re-measure as a disposition			
R 5	No changes, just updating the revision to reflect that which is in P1.			
R 6	Added file upload in Describe Step . Reformatted step 1. Renumbered steps. Clarified support step			
R 7	Initial release of this Traveler for new P2 Projects			

R 8	New disposition area. New layout of traveler
R 9	Added check for valid engineers to disposition
R 10	Added multiple reworks to page 3
R 11	Removed "Proceed to Next Workcenter. Added check for informative or dispositioner engineers
R 12	Updated dispositions and Acronyms

NCR Traveler (Page 1 : Initiate and Describe)

INITIATE An Non-Conformance Report

The Part

Auto Filled from initiating traveler. If auto-fill does not occur ensure values are entered:

Part Acronym *required

Serial Number

*required

Drawing Number

Part Description

The Traveler

Auto Filled from initiating traveler. If auto-fill does not occur ensure values are entered:

TravelerID

*required

TravelerRevision

*required

TravSeqNumber

*required

[L2HE-VTA-CAV-VTRF-R6-188](#)

The Technician

DescribeStaff

DescribeDate

(ex format 18-Jun-2005
16:30)

Non-Conformance Categories(select all that apply)

☐ ShippingDamage
☐ Dimensional

Surface Form:

☐ Roughness
☐ Flatness
☐ Parallelism

Surface Damage:

☐ Scratches
☐ Dings
☐ Delamination
☐ Plating

Surface Contamination:

☐ Stains
☐ Oxidation
☐ Residues

RF Components:

☐ InspectionFailure
☐ RFTTestFailure
☐ LeakTestFailure

☐ CMTFRFperformance

☒ VTARFPerformance

Cryomodule:

☐ Vacuum
☐ RF
☐ Instrumentation
☐ Mechanical

☐ OTHER

Problem Comments and Description Files

Problem Description: Thoroughly and carefully describe the discrepancy with the part.

If "OTHER" is chosen as category in above box, carefully describe the discrepancy including keywords that can be used for searching.

DescribeComment

At 2K, an HOM survey was performed on the cavity. This measures the Q1 of HOM modes, as well as the 9 passband frequencies. The passband frequencies show some deformation in the cavity with an M-parameter of 5.6 kHz when compared to this cavity's previous vertical test. This is within the elastic range of the cavity (10 kHz), but still unexpected during vertical test. For comparison, HE-113 was also tested in D5 and

measured in a similar way. The M-parameter of -113 was only 0.3 kHz.

DescribeDocs Attach Files:

Attach Files

Submit traveler before attaching files.



[20230915_R132_M-parameter.xlsx](#)

Notifications

The Engineers listed will be emailed and can respond to this NCR upon submit of this page.

Engineer(s) to be Emailed:

ADAMG

HANNESV

KDAVIS

The Engineers listed will be automatically emailed upon submit of this page.

Engineer(s) to be Emailed:

No Names for which to email NCR to...

Persons to be Emailed:

DescribeStaff: POWEN

NCR Traveler (Page 2 : First Disposition)

Engineer First Response

The Responding Engineer

RespondingEngineer ▼

RespondingDate

(ex format 18-Jun-2005 16:30)

The Disposition

Disposition: {Engrs to disposition: ADAMG,HANNESV,KDAVIS}

A Disposition must be selected. Then provide details in the comment box below.

To select a FINAL Disposition for this NCR, please advance to PAGE 4.

You do not have permissions to select a disposition for this NCR.

Disposition Comments and Description Files

Provide details in comment box and upload documents needed to further describe the disposition selected above.

If an action is to be taken against the part (Re-measure/Modify), then describe the corrective actions to be taken.

DispositionComment

DispositionDocs Attach Files: Submit traveler before attaching files.

You have no attached files.

Notifications

The appropriate staff will be automatically emailed upon submit of this page.

Engineer(s) to be Emailed:

ADAMG

HANNESV

KDAVIS

Persons to be Emailed:

DescribeStaff: POWEN

RespondingEngineer:

To select a FINAL Disposition for this NCR, please advance to PAGE 4.

NCR Traveler (Page 3 : Modification / Re-measure)

Cycle 1

REWORKDATE1 <input type="text"/> <input type="button" value="NOW"/>	REWORKTECH1 -0- ▼	REWORKCOMMENT1	REWORKFILE1 <input type="button" value="Attach Files"/>
VERIFYDATE1 <input type="text"/> <input type="button" value="NOW"/>	VERIFYTECH1 -0- ▼	VERIFYCOMMENT1	VERIFYFILE1 <input type="button" value="Attach Files"/>
RESPONDINGDATE1 <input type="text"/> <input type="button" value="NOW"/>	RESPONDINGENGR1 -0- ▼	RESPONDINGCOMMENT1	RESPONDINGFILE1 <input type="button" value="Attach Files"/>

Cycle 2

REWORKDATE2 <input type="text"/> <input type="button" value="NOW"/>	REWORKTECH2 -0- ▼	REWORKCOMMENT2	REWORKFILE2 <input type="button" value="Attach Files"/>
VERIFYDATE2 <input type="text"/> <input type="button" value="NOW"/>	VERIFYTECH2 -0- ▼	VERIFYCOMMENT2	VERIFYFILE2 <input type="button" value="Attach Files"/>
RESPONDINGDATE2 <input type="text"/> <input type="button" value="NOW"/>	RESPONDINGENGR2 -0- ▼	RESPONDINGCOMMENT2	RESPONDINGFILE2 <input type="button" value="Attach Files"/>

Cycle 3

REWORKDATE3 <input type="text"/> <input type="button" value="NOW"/>	REWORKTECH3 -0- ▼	REWORKCOMMENT3	REWORKFILE3 <input type="button" value="Attach Files"/>
--	-----------------------------	-----------------------	---

VERIFYDATE3 <input type="text"/> <input type="button" value="NOW"/>	VERIFYTECH3 <input type="text" value="-0-"/> ▼	VERIFYCOMMENT3	VERIFYFILE3 <input type="button" value="Attach Files"/>
RESPONDINGDATE3 <input type="text"/> <input type="button" value="NOW"/>	RESPONDINGENGR3 <input type="text" value="-0-"/> ▼	RESPONDINGCOMMENT3	RESPONDINGFILE3 <input type="button" value="Attach Files"/>

Cycle 4

REWORKDATE4 <input type="text"/> <input type="button" value="NOW"/>	REWORKTECH4 <input type="text" value="-0-"/> ▼	REWORKCOMMENT4	REWORKFILE4 <input type="button" value="Attach Files"/>
VERIFYDATE4 <input type="text"/> <input type="button" value="NOW"/>	VERIFYTECH4 <input type="text" value="-0-"/> ▼	VERIFYCOMMENT4	VERIFYFILE4 <input type="button" value="Attach Files"/>
RESPONDINGDATE4 <input type="text"/> <input type="button" value="NOW"/>	RESPONDINGENGR4 <input type="text" value="-0-"/> ▼	RESPONDINGCOMMENT4	RESPONDINGFILE4 <input type="button" value="Attach Files"/>

Cycle 5

REWORKDATE5 <input type="text"/> <input type="button" value="NOW"/>	REWORKTECH5 <input type="text" value="-0-"/> ▼	REWORKCOMMENT5	REWORKFILE5 <input type="button" value="Attach Files"/>
VERIFYDATE5 <input type="text"/> <input type="button" value="NOW"/>	VERIFYTECH5 <input type="text" value="-0-"/> ▼	VERIFYCOMMENT5	VERIFYFILE5 <input type="button" value="Attach Files"/>
RESPONDINGDATE5 <input type="text"/> <input type="button" value="NOW"/>	RESPONDINGENGR5 <input type="text" value="-0-"/> ▼	RESPONDINGCOMMENT5	RESPONDINGFILE5 <input type="button" value="Attach Files"/>

Notifications

The appropriate staff will be automatically emailed upon submit of this page.

Engineer(s) to be Emailed:

ADAMG

HANNESV

KDAVIS

Persons to be Emailed:

DescribeStaff: POWEN

RespondingEngineer:

Reworkstaff:

Verifystaff:

NCR Traveler (Page 4 : Final Disposition)

Engineer Final Response

The Final Engineer

FinalEngineer HANNESV ▼

FinalDate 10-Oct-2023 14:12

NOW

(ex format 18-Jun-2005 16:30)

The Final Disposition

Final Disposition: {Engrs to disposition: ADAMG,HANNESV,KDAVIS}

A Disposition must be selected. Then provide details in the comment box below.

Conforming
Use As Is
Return To Vendor
Reject

Final Disposition Comments and Description Files

Provide details in comment box and upload documents needed to further describe the disposition selected above.

If an action is to be taken against the part (Re-measure/Modify), then describe the corrective actions to be taken.

This traveler will be closed automatically. If additional actions are required for the part then open a new NCR and continue processing.

The cavity had water/moisture in its helium vessel which most likely caused a deformation after cooldown and corresponding freezing. Subsequent measurements, see attached files, show that the deformation was only temporary i.e. elastic.

FinalDocs Attach Files: Submit traveler before attaching files.



[CAVR_132_As_Received.xlsx](#)



[CAVR_132_Post_VTA_Test.xlsx](#)

Notifications

The appropriate staff will be automatically emailed upon submit of this page.

Engineer(s) to be Emailed:

ADAMG

HANNESV

KDAVIS

Persons to be Emailed:

DescribeStaff: POWEN

RespondingEngineer:

Reworkstaff:

Verifystaff:

NCR will be automatically CLOSED upon selection of a disposition.