

SSTD Outgoing Inspection Report

Spacecraft/Project **HERSCHELL/SPIRE**

Document Number **SPIRE-RAL-REP-**

Issue **1**

Sub System **DPU & DRCU SIMULATOR**

Date **4th September 2006**

Model **AVM 2**

OUTGOING INSPECTION REPORT

FROM
Project Rutherford Appleton Laboratory Space Science and Technology Department Chilton DIDCOT OXON OX11 0QX

TO
ALENIA ALCATEL ALENIA SPACE-Italy, Strada Antica di Collegno, 253 10144 TORINO, Italy

Applicable sections	
Containers	
External Visual Inspection	
External Connector	
Documentation	
Verification of Interfacs	
Extra Comments Sheets	

Drawings / Documents Attached
Photo's

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
4th September 2006

NAME
Eric Clark (PA)

DATE
4th September 2006

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		Checked
Security / Locking Fitted		Checked
Markings for destination and description		Checked
Warning labels relating to handling lifting and stacking limits		Checked
Any additional Comments	See Extra comments sheet for each container contents. Shock monitors fitted to Box 1 DPU only	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		Checked
Internal padding / packaging required		Checked
Mounting provisions secure		Checked
Any additional Comments		None

ENVIORNMENTAL MONITORS								
Temp Monitors		Humidity Monitors		Shock Sensors Triggerd Information				
Fitted: <input type="text" value="No"/>		Fitted: <input type="text" value="No"/>		5g	10g	15g	25g	50g
Condition: <input type="text" value="N/A"/>		Condition: <input type="text" value="N/A"/>		X Axis	N/F	N/F	N/F	N/F
				Y Axis	N/F	N/F	N/F	N/F
				Z Axis	N/F	OK	OK	OK

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		Correct
All closure procedures		Correct
Instrument label		Correct
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		None
Fasteners correctly locked?		Acceptable
Check protective covers are correctly labelled and fitted?		N/A
Double bagged?		Correct
Additional Comments		None

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		Pass
Damaged Sockets		None
Internal Debris		None
Connector Covers fitted		Pass
Connector Savers Fitted		None
EMC Covers Fitted		None
RED Tag Item / Green Tag Items fitted		None
Additional Comments	Non Flight Hardware	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	Copy 1 consisting of Three Volumes numbered 1 to 3	See Remarks
Transportaion Documents		Yes
Packing un- Packing instructions		Yes
Additional Comments		No

Verification of Interfaces

Mechanical interface: dimensions specified in the interface control documents such as mass, flatness of surfaces, location of fixing holes and overall dimensions should be measured accurately and recorded. Record Test Report Number, or confirm that measurement result is included in delivery documentation, (EIDP).

INSPECTION / TEST REPORT NUMBER **CHECKED**

Electrical interfaces: verifying the location and types of connectors against interface control document is normally carried as part of mechanical verification, confirm this has been done. Functional testing: final functional test report number should be noted.

INSPECTION / TEST REPORT NUMBER **CHECKED**

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Issue 1

Sub System DPU & DRCU SIMULATOR

Date 4th September 2006

Model AVM 2

EXTRA COMMENT SHEET

Three Boxes
Box 1 DPU Shock monitors fitted to this unit only
Box 2 DRCU Simulator (PC) Harnesses and EIDP Cardboard Box
Box 3 Flat Screen and Keyboard Shock monitors on this unit from previous use not applicable to this delivery note one broken

AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

DPU



DPU Connectors Showing Alignment etc.



AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

DPU Connectors Showing Alignment etc

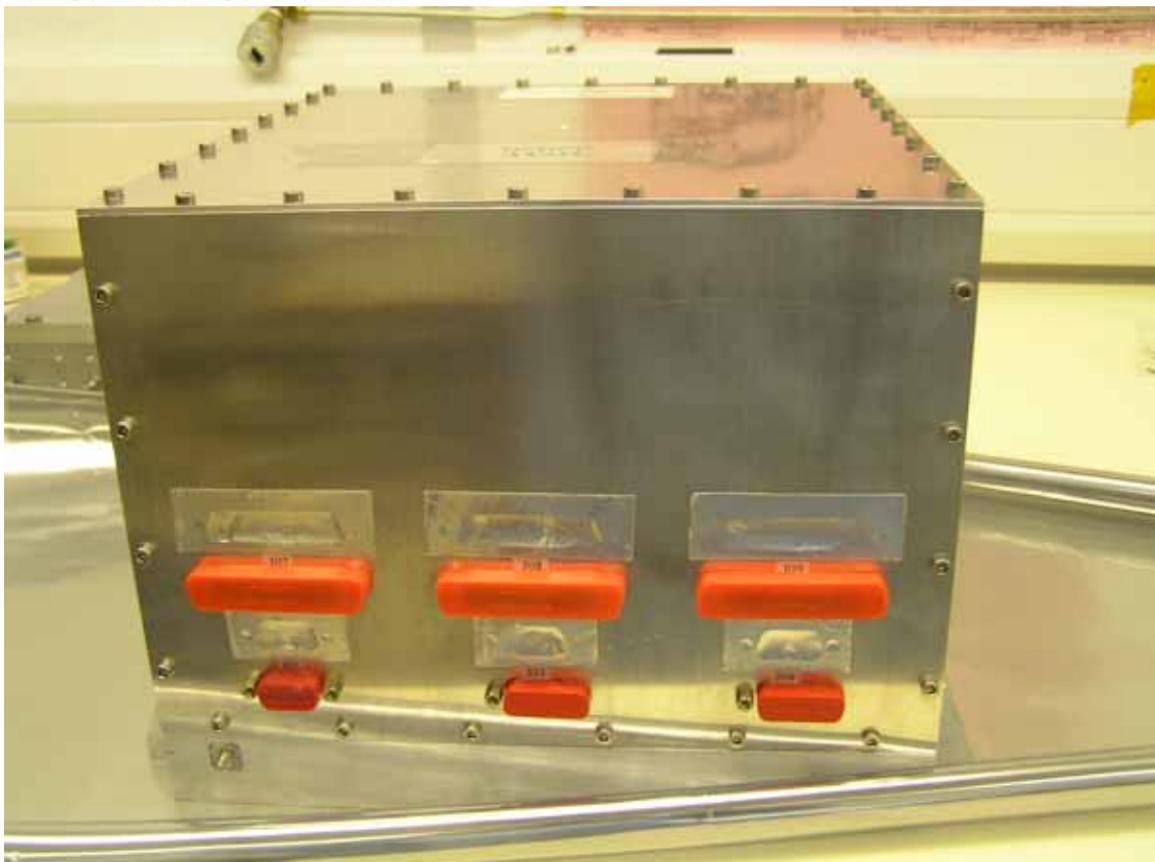


DPU Connectors Showing Alignment etc

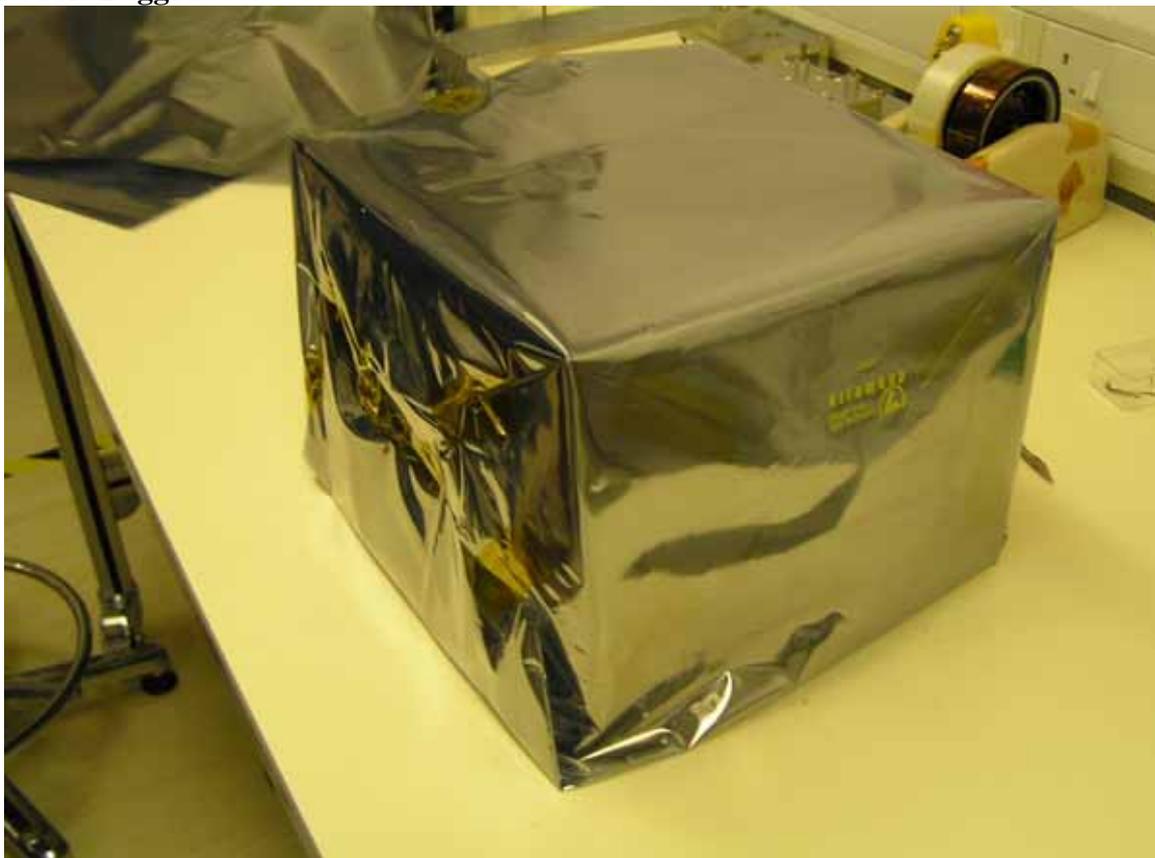


AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

DPU with Connector Covers Fitted



DPU Double Bagged



AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

DRCU Simulator PC & Screen



DRCU Simulator PC & Screen double in antistatic Bags with Key board



AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

Harnesses and Keyboard bagged ready for packing



DPU, DRCU Simulator In poly Bags for extra protection



AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

DPU in Transit Case (Box 1)



With Case closed



AVM 2 DPU and DRCU Simulator Outgoing inspection. SPIRE-RAL-REP-002716

DRCU PC & Harness (Below PC) EIDP will be added before closing [Box 2]



DRCU Screen and Key board packed in Box 3

