

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002578**

Issue **1**

Sub System **DCU**

Date **26th January 2006**

Model **AVM**

INCOMING INSPECTION REPORT

FROM	
EADS	
EADS Attn. Mr Paul Mack, Astrium, Ludwig-Boelkow-Allee, Gate 2, 85521 Ottobrunn	

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

Applicable sections	
Containers	Yes
External Visual Inspection	Yes
External Connector	Yes
Documentation	Yes
Verification of Interfaccs	No
Extra Comments Sheets	No

Drawings / Documents Attached	
Photo's	

INSPECTION CONDUCTED BY

NAME
Eric Clark (PA)

DATE
26th January 2006

WITNESS BY

NAME
Eric Clark (PA)

DATE
26th January 2006

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		None
Security / Locking Fitted		Checked
Markings for destination and description		Checked
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments	Unit is in a padded metal transit case	See Remarks

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

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

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INSTRUMENT VISUAL INSPECTION

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

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INSPECTION OF ALL CONNECTORS

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

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	None seen with unit	No
Transportaion Documents		Yes
Packing un- Packing instructions		N/A for this inspectio
Additional Comments		

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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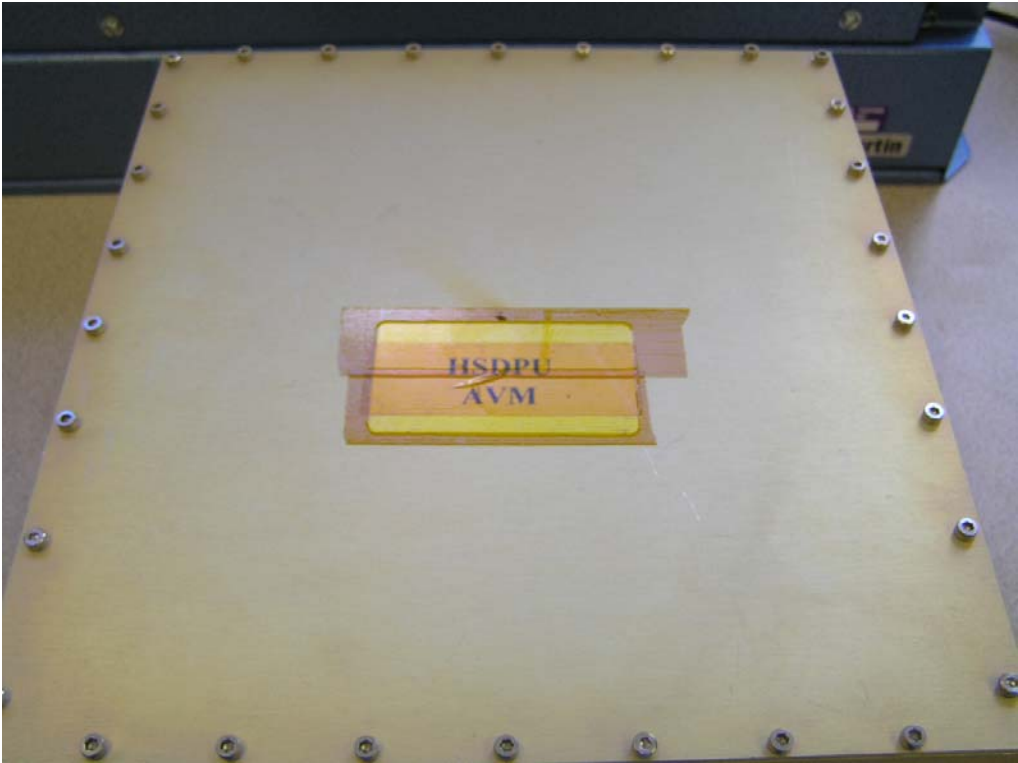
Model AVM

EXTRA COMMENT SHEET

AVM DCU with Transit box Lid open



Top of AVM DPU with double Bags removed



View of ESD connector covers in place



View of connectors with ESD covers removed

