

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002907**

Issue **1**

Sub System **JFET SN 003**

Date **14th Jun 2007**

Model **Non flight**

INCOMING INSPECTION REPORT

FROM
JPL Los Angeles, USA

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

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

Drawings / Documents Attached
Photos

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
14th Jun 2007

NAME
Eric Clark (PA)

DATE
14th Jun 2007

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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	Large Cardboard Box with Transit case inside in Bubble wrap	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	20 & 30g Shock monitors tripped, 50g ok	See Remarks

ENVIROMENTAL MONITORS					
Temp Monitors		Humidity Monitors		Shock Sensors Triggerd Information	
Fitted:	<input type="text" value="No"/>	Fitted:	<input type="text" value="No"/>	5g	10g
Condition:	<input type="text" value="N/A"/>	Condition:	<input type="text" value="N/A"/>	20g	30g
				50g	
				X Axis	N/F
				Y Axis	
				Z Axis	N/F
					Both
					Both
					OK

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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?		Acceptable
Fasteners correctly locked?		Correct
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	Savers fitted so connectors not checked Savers som pins out of optimum alignment	See remark
Damaged Sockets		None
Internal Debris		None
Connector Covers fitted	Fitted to Savers	Pass
Connector Savers Fitted		Pass
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted		None
Additional Comments		None

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		No
Transportaion Documents		Yes
Packing un- Packing instructions		No
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** To be preformed at integration

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** To be preformed at integration

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EXTRA COMMENT SHEET

SN 003	weight with Savers and Tail/terminators fitted	375grams
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Shipping Container



Transit Container



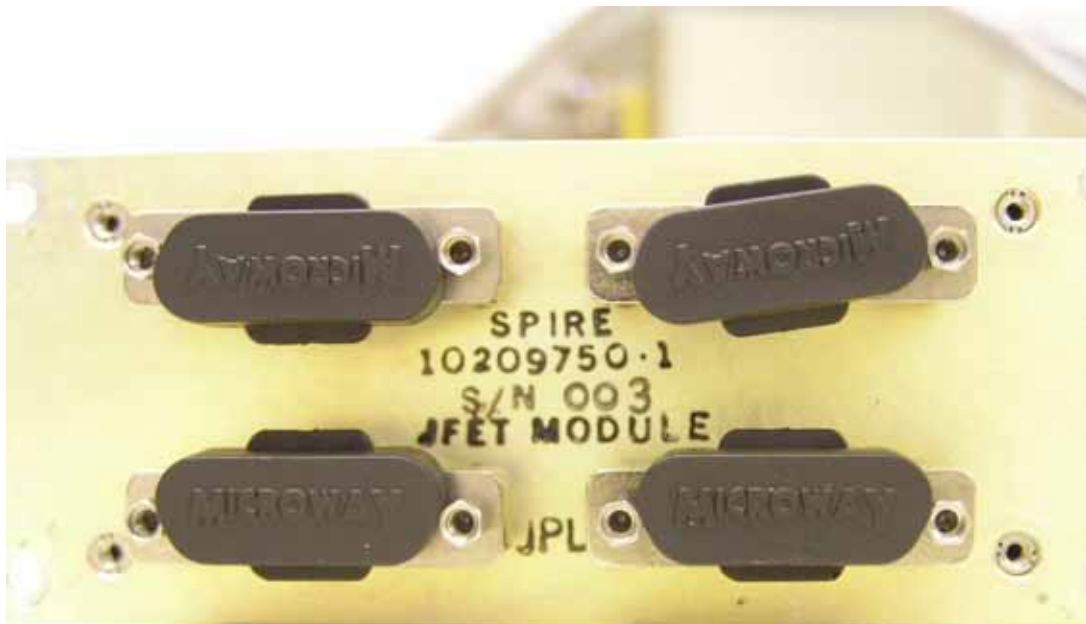
20g & 30g shock monitors Tripped



JFET in Antistatic Bag



Front Panel with ESD Covers in Place



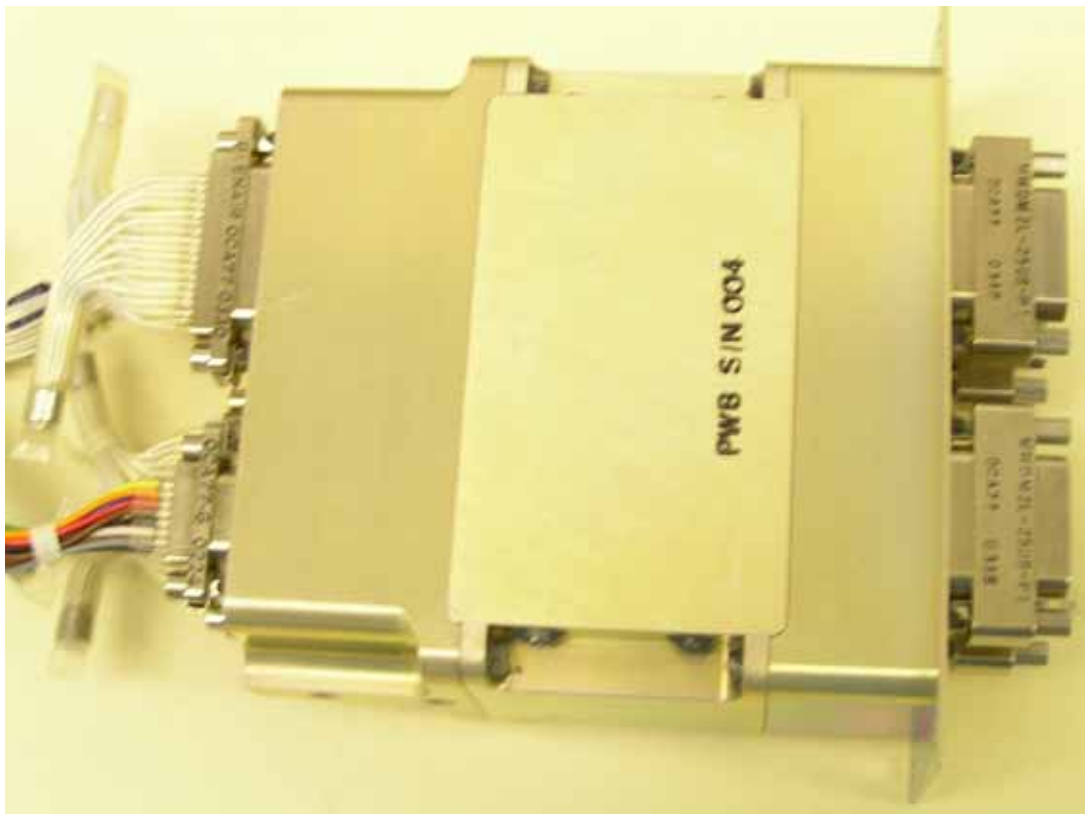
Front Panel with ESD Covers Removed



Rear view showing Tails & terminators in place



Bottom View showing PWB SN004



Top View showing PWB SN005

