

TRR MoM	Date: 11 th December 03	NUMBER	SPIRE-RAL-MoM-001897
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Spacecraft / Project	HERSCHEL
Instrument / Model	<i>SPIRE / CQM</i>
Sub System / Serial No.	

Type of Test	<i>FPU & Warm Electronics Integration & Test</i>
AIV Facility Test No.	
Date(s) of Testing	<i>11 Dec 2003</i>
Applicable Test Specification (Document No. & Issue)	<i>All test specifications & procedure are in a ring binder, any additional test, notes or changes are to be noted in this ring binder and recorded on the change record at the front.</i>
Applicable Test Procedure (Document No. & Issue)	

Assignment of Personnel

Function	Name	Contact number
Test Director	Ken King	6558
Test conductor	Sunil Sidher	5114
AIV Facility Manager	Dave Smith	5996
Safety Officer	Dave Smith	5996
Product Assurance	Eric Clark	5662

Documentation / Inspection Status

<u>Test Documentation available:</u>	Cryoharness cross-talk test to be added to SPIRE-RAL-DOC-001888
<ul style="list-style-type: none"> AIV Facility Test Plan (if applicable?) Verification Procedures 	This is the 1 st stage of tests the GSE procedures will be updated as required
<u>Inspection Status and Records:</u>	Inspection of connectors for GSE to be added Identification of Active channels to be added. Harnesses baked out and records available
<ul style="list-style-type: none"> Cleanliness Unit/Item Bagged Screws Locked Connector Savers Hazards Identified Other 	FPU bagged ready to be moved Not Applicable None available Yes- ESD precautions to be taken 1.- Sunhil to contact CEA re Electronic configuration 2.-Harness configuration to be checked. NOTE Some Flight Harnesses are used in this test.

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CONTINUATION SHEET

As Built Status (Will the following have an Impact on the test performance / results?)	
Outstanding "NCR's"	Bruce to check Warm electronics (CEA) NCR's otherwise all OK
Outstanding "Waiver's"	None
"Open Work"	QLA Script still open in test procedure
Other	FLIGHT JFET Backharnessis being used for the harness cross talk test

HARDWARE COMMENTS/ OBSERVATIONS:

Note

The Safety Log in the Cryolab is to be updated, a list of who has read it will then be added to it, and all those working in the Cryolab should read and sign it accordingly.

CDMS simulator cables have been checked. (1553)

Actions

- Clean Cryolab
- Move Warm Electronics (WE) into cryolab
- Connect harness to WE
- Perform Cross Talk Tests
- Measure Cleanliness
- Move FPU into Cryolab
- Connect FPU to Harness
- Perform Warm Functional Tests

Performed by

- Mike & Alan
- Bruce & Doug
- Bruce & Doug
- Bruce, Doug, Sunil, Asier
- Mike & Alan
- Mike & Alan
- Bruce & Doug
- Sunil, Asier

Decision for test continuation		
Company	Name	Signature
RAL	Ken King	
RAL	Eric Sawyer	
RAL	Bruce Swinyard	
RAL	Eric Clark	