

SPIRE	Project Document	Ref	SPIRE-RAL-PRJ-001081
		Issue	6.
	Request For Waiver Status Reports	Date	26th January 2005

SPIRE

SUBJECT:	Request For Waiver Status Report	
PREPARED BY:	E A Clark	
DOCUMENT No:	SPIRE-RAL-PRJ-0001081	
APPROVED BY:	Name	Signature & Date
Project Manager	K.J. King	
Instrument Development Manager	E. Sawyer	
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List of Requests for Waivers/Deviations

PRODUCT ASSURANCE
SPACE SCIENCE DEPARTMENT
Rutherford Appleton Laboratory

Spacecraft/Project: HERSCHEL	Originator: RAL/SSTD/PA
Instrument: SPIRE Model: CQM, PFM & FSM	Document No SPIRE-RAL-PRJ-001081 Issue: 6
Subsystems: DRCU	Date: 26-Jan-05

<i>RFW Serial No.</i>	<i>Waiver (1) or Deviation (2)</i>	<i>Subsystem</i>	<i>Model</i>	<i>RFW Title</i>	<i>Issue Date</i>	<i>Status / Remarks</i> : 1=Pending, 2=Rejected, 3=Approved, 4=Internal Only.	<i>Approval Reference</i>	<i>Approval Date</i>
HR-SP-CEA-RFW-1	1	DRCU	CQM, PFM & FSM	Procurement of AD590MF in /883B level	11-Dec-01	Prime Contractor Status 1 ESA Status 3 Approved	Approved	22-Sep-03
2	1	DRCU	CQM & PFM	PSU Models	06-Dec-01	Prime Contractor Status 2 ESA Status 1 Rejected by ALCATEL	NOT Approved	14-Oct-03
2.2	1	DRCU	CQM & PFM	PSU Models	27-Apr-04	Prime Contractor Status 3 ESA Status 3 Approved	Approved	19-Nov-04
HR-SP-JPL-RFW-1	1	JFET's	CQM CQM	JFET CQM dissipation	04-Jul-02	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	14-Oct-03
2	1	BDA	PFM	PFM Bolometer Detective Quantum Efficiency	08-Apr-04	Prime Contractor Status 4 ESA Status 4 Superseded by 2v1	Superseded	21-Dec-04

Spacecraft/Project: HERSCHEL
Instrument: SPIRE Model: PFM
Subsystems: BDA

Originator: RAL/SSTD/PA
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HR-SP-JPL-RFW-2.1	1	BDA	PFM	PFM Bolometer Detective Quantum Efficiency	21-Dec-04	Prime Contractor Status 1 ESA Status 1 PMW & PLW to be checked		
3	1	RF Filter Modules	CQM & PFM	RF Attenuation for the RF Filter Modules	30-Oct-03	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	11-Oct-04
4	1	JFET Modules	PFM	PFM JFET Power Dissipation	08-Apr-04	Prime Contractor Status 1 ESA Status 1 Rejected		
5	1	BDA & JFET	CQM & PFM	BDA and JFET module sine test deletion	20-Apr-04	Prime Contractor Status 4 ESA Status 4 Superseded by 5v1	Superseded	10-Nov-04
5.1	1	BDA & JFET	CQM & PFM	BDA and JFET module sine test deletion	20-Apr-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	22-Dec-04
6	1	BDA	CQM & PFM	Random vibration test levels not the same	18-Oct-04	Prime Contractor Status 1 ESA Status 1		

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HR-SP-JPL-RFW-7	1	BDA	PFM	Thermal Control acceptance vibration tests - Z axis only.	10-Dec-04	Prime Contractor Status 1 ESA Status 1 Accepted by SPIRE		
8	1	BDA PMW	PFM	Thermal Time Constant BDA-PMW	12-Oct-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	20-Dec-04
HR-SP-MSSL-RFW-1	1	Structure	PFM	Hole Miss-Alignment	28-May-04	Prime Contractor Status 1 ESA Status 1 Awaiting completion by MSSL		
HR-SP-RAL-RFW-1	1	N/A	N/A	N/A		Prime Contractor Status 4 ESA Status 4 Raised but not required	withdrawn	
2	1	N/A	N/A	Harness conductors not to spec/A		Prime Contractor Status 4 ESA Status 4 Raised but not required	withdrawn	
3	1	FPU JFETS	CQM & PFM	Limit cycles during Cryo-vibration Test	12-Jul-04	Prime Contractor Status 3 ESA Status 3 Agreed with ESA during Cryo vib test April 04	Approved	04-Apr-04

Spacecraft/Project: HERSCHEL Instrument: SPIRE Model: CQM Subsystems: All						Originator: RAL/SSTD/PA Document No SPIRE-RAL-PRJ-001081 Issue: 6 Date: 26-Jan-05		
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HR-SP-RAL-RFW-4	1	All	CQM	Deletion of mass properties measurements on CQM	12-Oct-04	Prime Contractor Status 1 ESA Status 3 Approved	Approved	19-Nov-04
HSO-CDF-RFW-63	1	Filters	PFM	Request for waiver against blocking filter edges	06-Aug-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	08-Nov-04
77	1	SCAL	PFM	Request to accept SCal flight candidate "B" as flight model assembly	05-Aug-04	Prime Contractor Status 1 ESA Status 1		
RFD_CEA_SPIRE_FCUI 9	2	FCU	PFM	FCU flat base plate	01-Sep-03	Prime Contractor Status 1 ESA Status 1		
10	2	FCU	PFM	Number of interface fixation points for FCU	19-Aug-03	Prime Contractor Status 1 ESA Status 1		
SPIRE_ATC_BSM NOT 729	1	BSM	PFM	Angular travel – jiggle axis. Out of spec.	14-Jun-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	01-Jul-04

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 Subsystems: BSM

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SPIRE_ATC_BSM NOT 730	1	BSM	PFM	Fail Safe Position out of spec.	10-Jun-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	24-Aug-04
732	1	BSM	PFM	Settling time out of spec on Largest chop angle	22-Jun-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	01-Jul-04
735	1	BSM	FSM	Settling time out of specification for chop axis.	23-Sep-04	Prime Contractor Status 4 ESA Status 4 Internal only	Approved	24-Aug-04

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