



Minutes of Meeting

Date: 23.06.08

Herschel

Doc.-No.: HP-2-ASED-MN-1566

Meeting place:	ESTEC	Chairman:	D.Hendry
Date/Time:	23.06.08/14:00	Secretary	D.Hendry <i>D.W. Hendry</i>
Agenda dated:	PTR Standard Agenda	Close of Meeting:	

Subject: **PTR for SPIRE Detector Test He 1 Post Acoustic**

Participants:	B.Swinyard RAL by phone S.Sidher RAL by phone S. Hamer, ASED A.Koppe (ASED) K. Goodey, ESA <i>KG</i> C. Scharmberg, ESA <i>CS</i> M. Cesa, ESA <i>Mesa</i> B.Collaudin (TASF) <i>BC</i>	Additional Distribution:	ESA TAS-F SPIRE
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Page: 1 of Page(s) & annex

 Brief-Minutes (except following sheets)

 Summary of Results of Sheets 2 till
Conclusion:

Test is successful,
 Temperature variation was evident due to He top up in parallel
 The JFET started without problem in spite of the temperature variation
 For future testing temperature stability is to be maintained and no parallel cryo operations



Reference	Results	Remarks
	<p>PTR Agenda:</p> <ul style="list-style-type: none">0. Introduction1. Test Identification2. Review of Test Data / Reports3. Review of ACS / Procedure Variation Sheets4. NCR / RFD Review5. Open Work / Open Actions Identification6. AOB7. Conclusion	



Reference	Results	Remarks
	<p>0. Introduction</p> <p>This PTR covers the SPIRE Detector Test post acoustic which is a subset /reduced CFT of the Spire to procedure ACS HP-2-ASED-SD-0370 calls up HP-2-ASED-TP-0217 Issue 1.1</p> <p>4288, expected values to be changed. minor</p> <p>4289, calibrations to be checked. minor</p> <p>1. Test Identification</p> <p>See TRR minutes: HP-2-ASED-MN-1564</p> <p>2. Review of Test Data / Reports</p> <p>Previous Detector test 11.02.08 PTR Ref HP-2-ASED-MN-1552</p> <p>4287, we have seen this before (3954), investigation required, This is the higher than expected current during power off. Possibly this parameter is being read before the current has changed? Anyway no serious issue.</p> <p>a) Higher current This effect was seen before</p> <p>b) OBCP trigger is not linked to the higher current, no TM from instrument, possible time out, procedure to be revised for switch off.</p> <p>All detectors ok</p>	



Reference	Results	Remarks
	<p>NC-3725 can be closed verified during this test</p> <p>PMW B6 OK</p> <p>PSW D15 is still reversed disposition confirmed as : Use as is</p> <p>RAL test report for the CFT 07.03.08 3088 will be updated and reissued. Load curves in appendix will be replaced with cleaner version.</p> <p>RAL say test was successful on nominal and redundant</p> <p>3. Review of PVS</p> <p>1 PVS was raised Restart of IEGSE SCOS machine</p> <p>Configuration changes SMEC EGSE was disconnected and Shorting plugs fitted</p> <p>4. NCR / RFW Status</p> <p>Previous Detector test 11.02.08 Higher current 4287, we have seen this before (3954), investigation required, This is the higher than expected current during power off. Possibly this parameter is being read before the current has changed? Anyway no serious issue. a) Higher current This effect was seen before</p>	



Reference	Results	Remarks
	<p>b) OBCP trigger is not linked to the higher current, no TM from instrument, possible time out, procedure to be revised for switch off.</p> <p>NC-3725 can be closed verified during this test</p> <p>5. Open Work / Open Actions</p> <p>None Identified</p> <p>6.AOB SMEC EGSE operation procedure to be reviewed.</p> <p>7. Conclusion</p> <p>Test is successful, Temperature variation was evident due to He top up in parallel The JFET started without problem in spite of the temperature variation For future testing temperature stability is to be maintained and no parallel cryo operations .</p>	

Doc.-No.: HP-2-ASED-MN-1566
Date: 23.06.08
Page: 6





Action Items List

No.:	Description:	Due Date	Originator Comp./Pers.	Actionee Comp./Pers.	Source	Completion
1						
2						
3						
4						
5						

	Name	Dep./Comp.		Name	Dep./Comp.
	Baldock Richard	FAE12		Schweickert Gunn	ASG23
	Barlage Bernhard	AED13	X	Sonn Nico	ASG51
X	Bayer Thomas	ASA42		Steininger Eric	AED32
	Brune Holger	ASA45	X	Stritter Rene	AED11
	Chen Bing	HE Space		Suess Rudi	OTN/ASA44
	Edelhoff Dirk	AED2		Theunissen Martijn	DSSA
	Fehringer Alexander	ASG13		Vascotto Riccardo	HE Space
	Fricke Wolfgang Dr.	AED 65		Wagner Klaus	ASG23
	Geiger Hermann	ASA42		Wietbrock Walter	AET12
	Grasl Andreas	OTN/ASA44		Wöhler Hans	ASG23
	Grasshoff Brigitte	AET12		Wössner Ulrich	ASE252
X	Hamer Simon	Terma		Zumstein Armin	ASQ42
	Hanka, Erhard	FI552			
	Hendrikse Jeffrey	HE Space			
X	Hendry David	Terma			
	Hengstler Reinhold	ASA42			
	Hinger Jürgen	ASG23			
X	Hohn Rüdiger	AED65			
	Hofmann Rolf	ASE252			
	Hopfgarten Michael	AED32			
	Huber Johann	ASA42			
	Hund Walter	ASE252			
X	Idler Siegmund	AED312			
	Ivány von András	FAE12			
	Jahn Gerd Dr.	ASG23			
	Jolk Matthias	AET1	X	ESA/ESTEC	ESA
	Kalde Clemens	ASM2	X	Thales Alenia Space Cannes	TAS-F
	Klenke Uwe	ASG72		Thales Alenia Space Torino	TAS-I
	Koelle Markus	ASA43			
X	Koppe Axel	AED312		Instruments:	
	Kroeker Jürgen	AED65		MPE (PACS)	MPE
	La Gioia Valentina	Terma	X	RAL (SPIRE)	RAL
X	Lang Jürgen	ASE252		SRON (HIFI)	SRON
	Langenstein Rolf	AED15			
	Langfermann Michael	ASA41			
	Liberatore Danilo	Rhea		Subcontractors:	
	Martin Olivier	ASA43		Austrian Aerospace	AAE
	Maukisch Jan	ASA43		Austrian Aerospace	AAEM
X	Much Christoph	ASA43		BOC Edwards	BOCE
X	Müller Martin	ASA43		Dutch Space Solar Arrays	DSSA
	Pietroboni Karin	AED65		EADS Astrium Sub-Subsyst. & Equipment	ASSE
	Platzer Wilhelm	AED2		EADS CASA Espacio	CASA
X	Reichle Konrad	ASA42		EADS CASA Espacio	ECAS
	Runge Axel	OTN/ASA44		European Test Services	ETS
	Sauer Maximilian Dr.	AED65		Patria New Technologies Oy	PANT
	Schink Dietmar	AED32		SENER Ingenieria SA	SEN
	Schmidt Thomas	AED15		Thales Alenia Space, Antwerp	TAS-ETCA