

## Problem/Failure Report THM\_PFR\_112

Assembly: GSE		SubAssembly: Sci	SubAssembly: Scripts	
Component : ESA Scripts		Units Affected:	Units fixed:	
Originator: Michael Ludlam		x 0 0 0 0 0	x 0 0 0 0 0	
Organization: UCB		Date: 20/OCT/05	<u>                                     </u>	
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	ed During (Check on		)	
		Integration □ Launch operation	s □ Other (Flight Assy)	
	hen failure occurred	-	<del> </del>	
x Ambient	□ Vibration	□ Shock	□ Acoustic	
□ Thermal	□ Vacuum	□ Thermal-Vacuum	□ EMI/EMC	
	Prol	blem Description		
were set higher than	n the raw sweep HV suppli onfiguration such that they		ptocouplers to be operated	
	Analyses Perfe	ormed to Determine Caus	e	
sweep commands to initialized to the zer actel sweep outputs optocouplers was co	o the ESA to vary the pulse to sweep state and so when were enabled the optocou	SA Pulser test is run prior to the er rate. At the end of the test the last the raw HV supply reached the plers would have been overdrive ined that for the short period who triment to the parts.	ESA Actels are not re- threshold of 1kV and the n. The manufacturer of the	
	Correcti	ve Action/ Resolution		
script and to again r		SA Actels with the 6A00 comma e start of the ESA_HV_CPT. All This PFR is closed.		
Acceptance: MAM: Ron Jackson	cceptance: AM: Ron Jackson; MSE: Ellen Taylor			
PM: Peter Harvey		; Cognizant Engineer		