

Problem/Failure Report THM_PFR_48

PFR-48 Tit	le: DFE low gain a	t –55 deg C	
		-) PP
Assembly: SST Component: C11, D33, D34, P10		SubAssembly : DFE 5/9/05	
(AmpTek)		317103	
Originator: Ron Canario		Organization: UCB/SSL	
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Failure Occurred	During (Check one √) √ Qualification test	☐ S/C Integration	☐ Launch operations
Environment whe	en failure occurred:		
☐ Ambient √ Thermal	□ Vibration√ Vacuum	☐ Shock ☐ Thermal-Vacuum	☐ Acoustic ☐ EMI/EMC
	Probler	n Description	
we see it happen again. The voltage gain of the	e 'O' channel is slightly low it is an out-of-family respon	much as possible.) er than other channels at –	other temperatures.
(How do we know how	the failure happened? Was		
The problem was disco	overed by direct measureme marginally at –55 deg C.	•	,
		Action/ Resolution	
(How do we fix the uni	it? And how do we make sur	e it doesn't happen again?)
	replaced, as well as diodes l re-tested at ambient tempera		
Acceptance:		· MSE· Ellan Taylor	
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